

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114878.D
 Acq On : 6 Jun 2019 22:29
 Operator : HP/JU
 Sample : K3186-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMSD

Quant Time: Jun 07 00:04:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	539728	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1992515	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	925927	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1582417	20.00	ng	0.00
76) Chrysene-d12	13.80	240	682445	20.00	ng	0.00
87) Perylene-d12	15.18	264	934951	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	3998534	129.45	ng	0.04
7) Phenol-d6	6.33	99	4975075	132.37	ng	0.03
23) Nitrobenzene-d5	7.25	82	3237816	100.03	ng	0.01
42) 2,4,6-Tribromophenol	10.49	330	1211407	121.40	ng	0.01
45) 2-Fluorobiphenyl	9.04	172	4697292	95.03	ng	0.01
79) Terphenyl-d14	12.76	244	3981660	113.47	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	535618	36.319	ng	100
3) Pyridine	3.09	79	1213810	29.948	ng	99
4) n-Nitrosodimethylamine	3.02	42	673434	45.400	ng	97
6) Aniline	6.35	93	908921	17.043	ng	# 75
8) 2-Chlorophenol	6.47	128	1553794	43.538	ng	98
9) Benzaldehyde	6.22	77	545770	20.934	ng	99
10) Phenol	6.35	94	1769116	41.161	ng	85
11) bis(2-Chloroethyl)ether	6.42	93	1508386	44.968	ng	98
12) 1,3-Dichlorobenzene	6.62	146	1727312	41.536	ng	98
13) 1,4-Dichlorobenzene	6.69	146	1712560	40.926	ng	99
14) 1,2-Dichlorobenzene	6.85	146	1519082	40.197	ng	98
15) Benzyl Alcohol	6.83	79	1202044	42.292	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	2057997	42.898	ng	93
17) 2-Methylphenol	6.95	107	1390098	45.568	ng	96
18) Hexachloroethane	7.19	117	653444	41.488	ng	99
19) n-Nitroso-di-n-propylamine	7.11	70	1083178	43.537	ng	98
20) 3+4-Methylphenols	7.10	107	1511219	44.914	ng	93
22) Acetophenone	7.09	105	2174171	49.562	ng	94
24) Nitrobenzene	7.26	77	1611825	48.068	ng	97
25) Isophorone	7.50	82	3194914	49.929	ng	100
26) 2-Nitrophenol	7.57	139	968710	53.339	ng	94
27) 2,4-Dimethylphenol	7.63	122	1493217	54.095	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	1978903	48.379	ng	99
29) 2,4-Dichlorophenol	7.82	162	1397947	48.136	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	1540421	46.228	ng	100
31) Naphthalene	7.98	128	4115148	45.875	ng	97
32) Benzoic acid	7.77	122	1018276	50.649	ng	99
33) 4-Chloroaniline	8.02	127	392906	9.181	ng	98
34) Hexachlorobutadiene	8.10	225	828409	43.727	ng	100
35) Caprolactam	8.42	113	285846	30.131	ng	94
36) 4-Chloro-3-methylphenol	8.52	107	1420486	49.155	ng	99
37) 2-Methylnaphthalene	8.67	142	2861081	45.984	ng	98
38) 1-Methylnaphthalene	8.77	142	2677810	45.383	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	1249062	46.810	ng	99

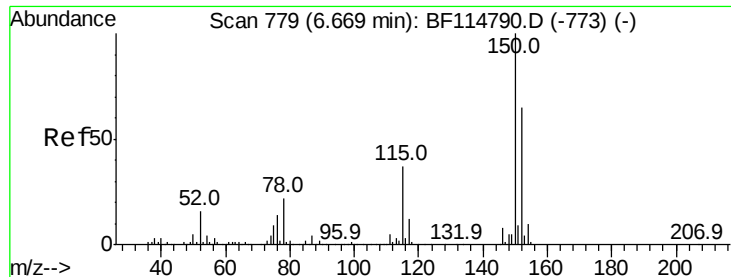
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	996859	61.597	ng	100
43) 2,4,6-Trichlorophenol	8.95	196	1008582	48.609	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	1014588	48.554	ng	97
46) 1,1'-Biphenyl	9.13	154	3184715	46.407	ng	98
47) 2-Chloronaphthalene	9.16	162	2630144	45.104	ng	99
48) 2-Nitroaniline	9.25	65	812412	46.686	ng	98
49) Acenaphthylene	9.57	152	3784126	44.749	ng	99
50) Dimethylphthalate	9.45	163	3985130	58.929	ng	98
51) 2,6-Dinitrotoluene	9.50	165	774243	48.682	ng	96
52) Acenaphthene	9.74	154	2361859	42.637	ng	99
53) 3-Nitroaniline	9.66	138	484888	26.098	ng	96
54) 2,4-Dinitrophenol	9.77	184	572916	79.607	ng	96
55) Dibenzofuran	9.91	168	3246122	42.142	ng	97
56) 4-Nitrophenol	9.84	139	1259729	92.532	ng	90
57) 2,4-Dinitrotoluene	9.90	165	953029	47.667	ng	# 88
58) Fluorene	10.25	166	2242096	45.523	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	789923	46.140	ng	98
60) Diethylphthalate	10.14	149	3063702	45.148	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	1139421	38.621	ng	99
62) 4-Nitroaniline	10.27	138	754378	41.863	ng	98
63) Azobenzene	10.40	77	2605518	45.107	ng	99
65) 4,6-Dinitro-2-methylphenol	10.30	198	365143	44.422	ng	96
66) n-Nitrosodiphenylamine	10.37	169	2377362	49.684	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	841492	46.822	ng	93
68) Hexachlorobenzene	10.80	284	887347	45.113	ng	96
69) Atrazine	10.90	200	778480	46.780	ng	99
70) Pentachlorophenol	10.99	266	983166	86.465	ng	99
71) Phenanthrene	11.20	178	3504894	46.396	ng	99
72) Anthracene	11.26	178	3548789	44.638	ng	99
73) Carbazole	11.41	167	3162752	46.407	ng	100
74) Di-n-butylphthalate	11.75	149	3953186	44.101	ng	98
75) Fluoranthene	12.38	202	3389604	43.111	ng	98
77) Benzidine	12.50	184	112852	3.340	ng	# 79
78) Pyrene	12.61	202	3300565	55.750	ng	99
80) Butylbenzylphthalate	13.23	149	1771241	59.247	ng	98
81) Benzo(a)anthracene	13.79	228	2552322	48.533	ng	100
82) 3,3'-Dichlorobenzidine	13.75	252	661084	31.001	ng	99
83) Chrysene	13.83	228	2556085	49.964	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	1979168	52.354	ng	99
85) Di-n-octyl phthalate	14.41	149	3380073	52.621	ng	99
86) Indeno(1,2,3-cd)pyrene	16.50	276	2579349	44.188	ng	100
88) Benzo(b)fluoranthene	14.80	252	2781284	46.728	ng	99
89) Benzo(k)fluoranthene	14.83	252	2435273	48.179	ng	99
90) Benzo(a)pyrene	15.13	252	2551909	49.535	ng	98
91) Dibenzo(a,h)anthracene	16.52	278	2112360	43.297	ng	99
92) Benzo(g,h,i)perylene	16.90	276	2044287	41.668	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

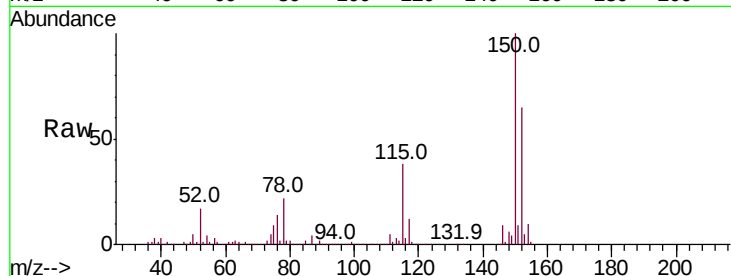


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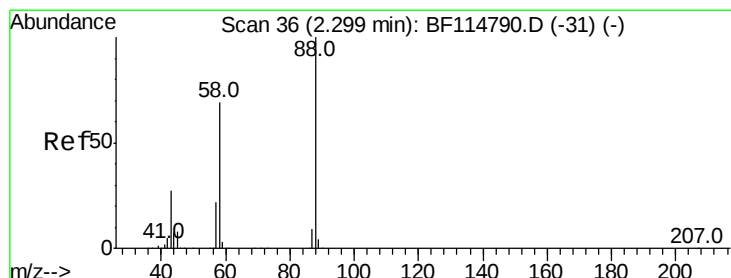
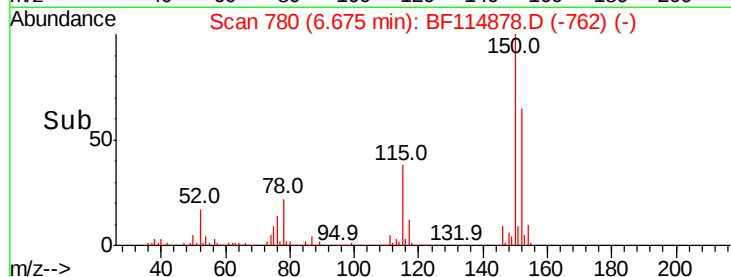
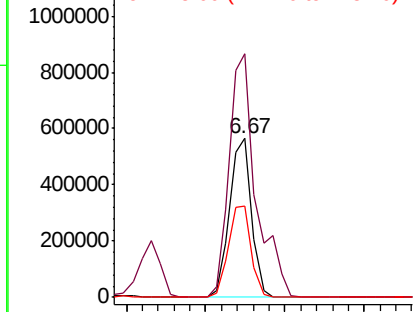
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMSD

Tot Ion:152 Resp: 539728
Ion Ratio Lower Upper
152 100
150 153.4 124.0 186.0
115 57.6 46.3 69.5



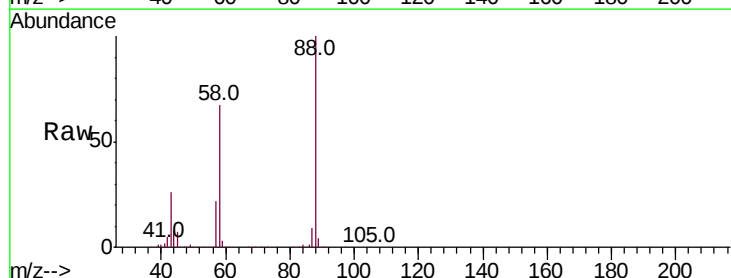
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



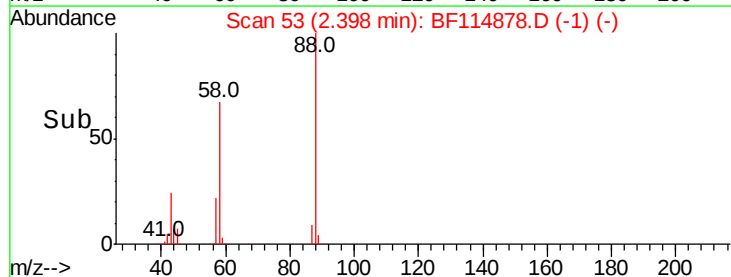
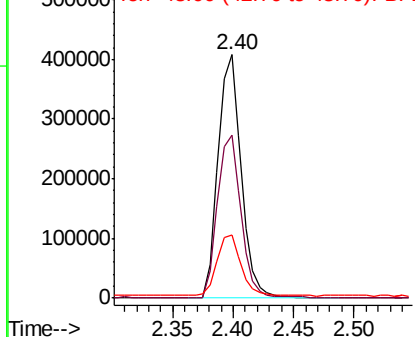
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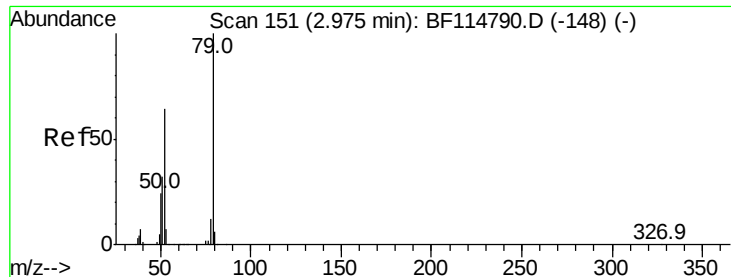
1,4-Dioxane
Concen: 36.319 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.10 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion: 88 Resp: 535618
Ion Ratio Lower Upper
88 100
58 67.6 53.8 80.8
43 26.3 20.7 31.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.948 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.11 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

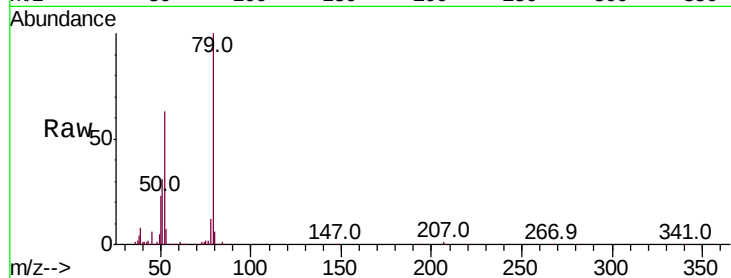
Tot Ion: 79 Resp: 1213810

Ion Ratio Lower Upper

79 100

52 63.3 51.0 76.4

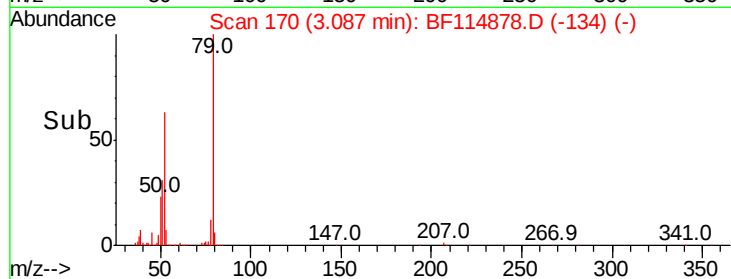
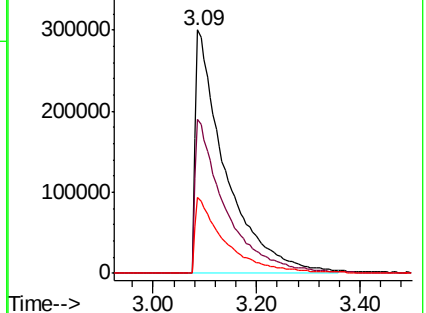
51 31.1 25.7 38.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.400 ng

RT: 3.02 min Scan# 159

Delta R.T. 0.10 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

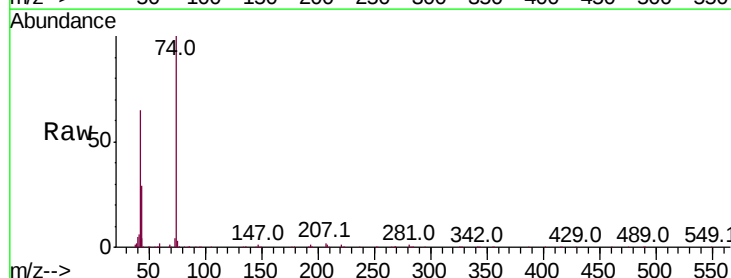
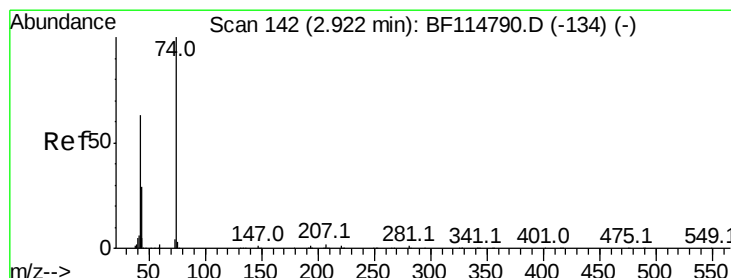
Tgt Ion: 42 Resp: 673434

Ion Ratio Lower Upper

42 100

74 153.7 126.2 189.2

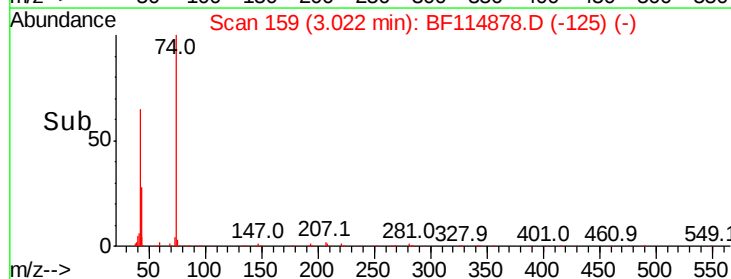
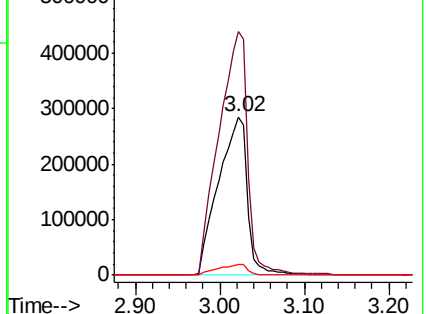
44 6.6 5.9 8.9

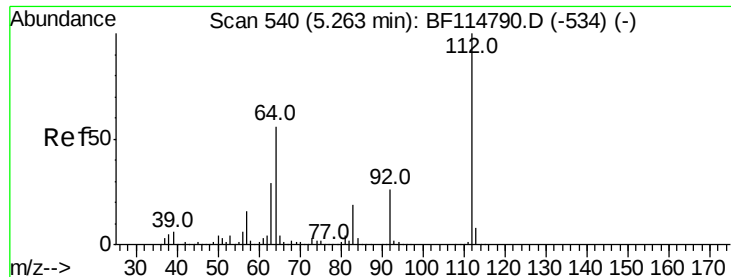


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 129.451 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.04 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

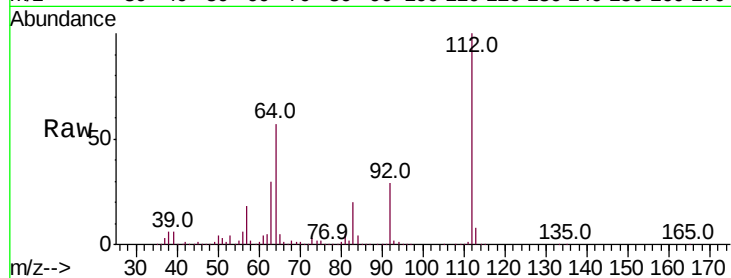
Tot Ion:112 Resp: 3998534

Ion Ratio Lower Upper

112 100

64 57.4 44.6 66.8

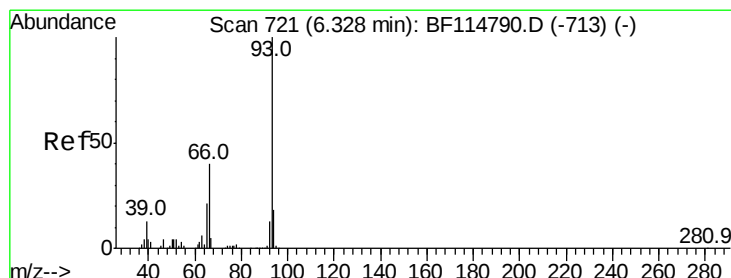
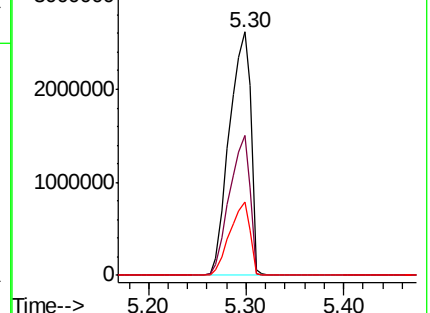
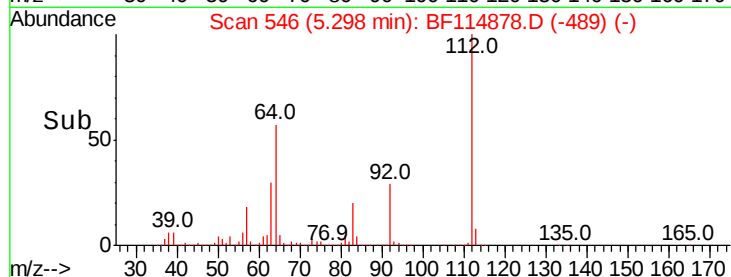
63 30.2 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.043 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

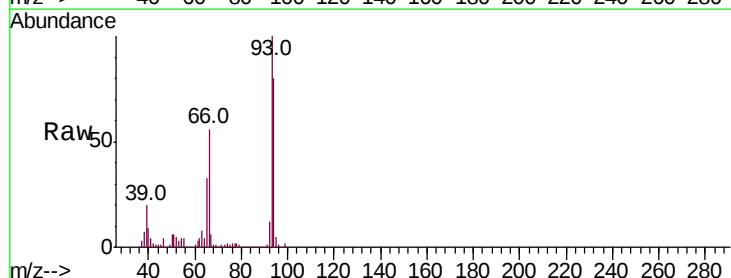
Tgt Ion: 93 Resp: 908921

Ion Ratio Lower Upper

93 100

66 56.2 32.8 49.2#

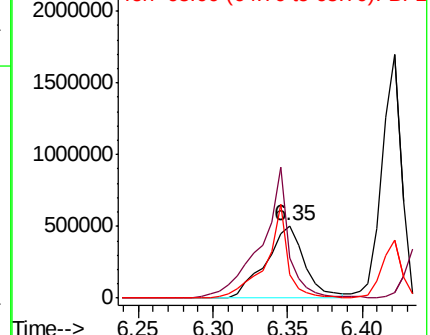
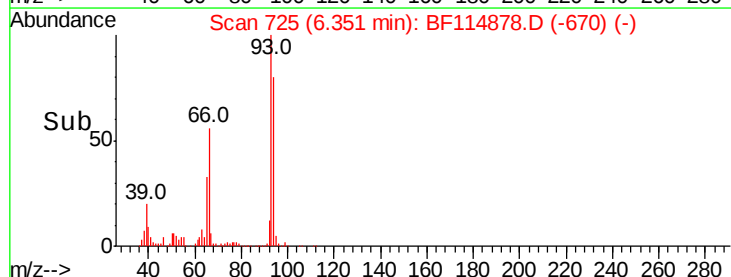
65 33.0 16.9 25.3#

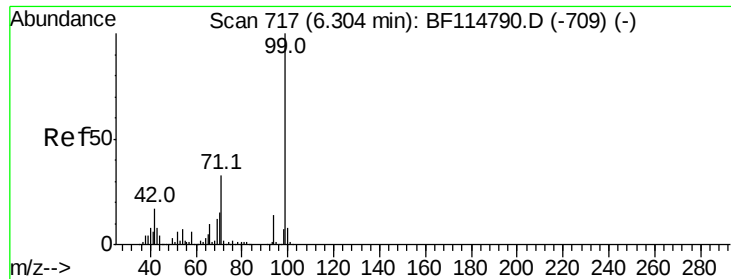


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.369 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.03 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

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FK-EF-01-011-ABCDMSD

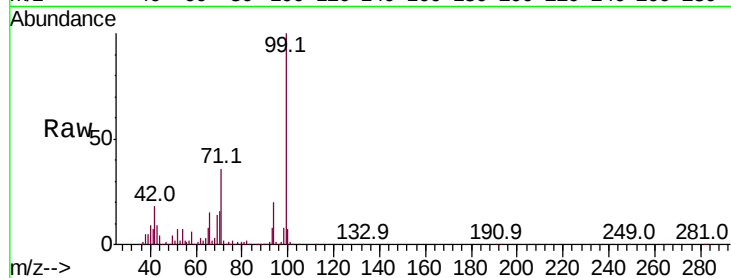
Tot Ion: 99 Resp: 4975075

Ion Ratio Lower Upper

99 100

42 18.1 13.3 19.9

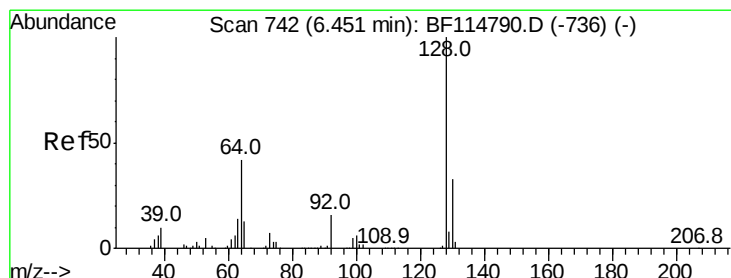
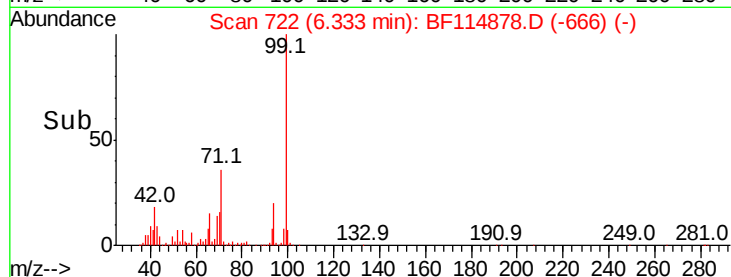
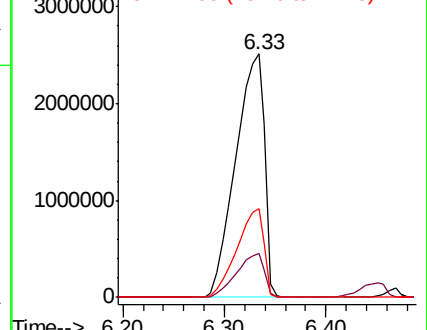
71 36.5 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.538 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

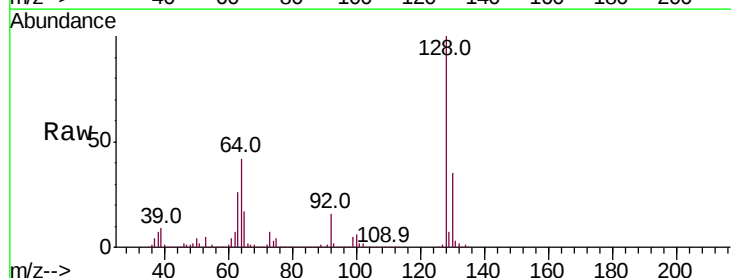
Tgt Ion:128 Resp: 1553794

Ion Ratio Lower Upper

128 100

130 34.6 12.7 52.7

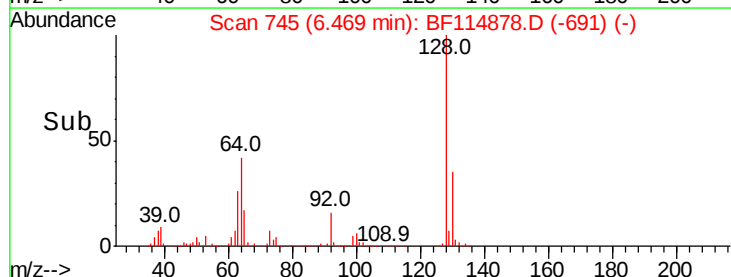
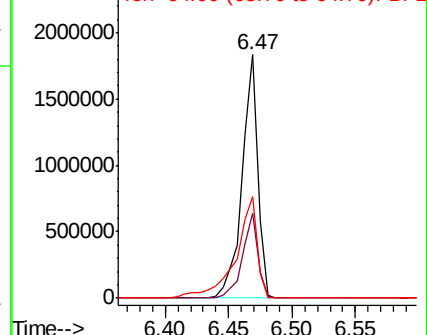
64 41.9 22.5 62.5

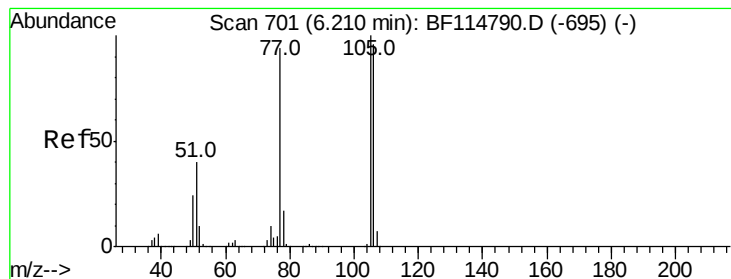


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.934 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

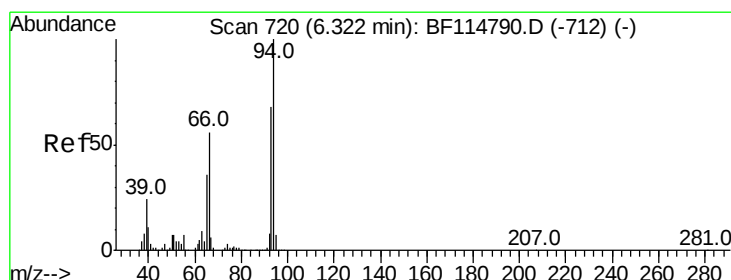
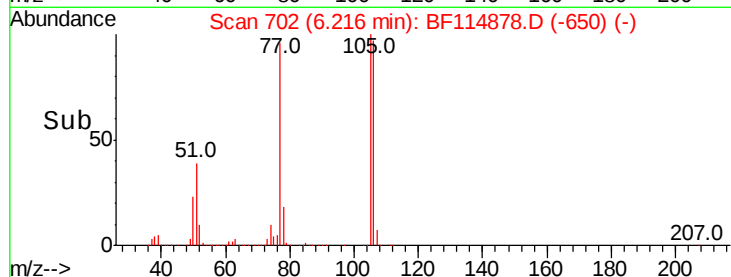
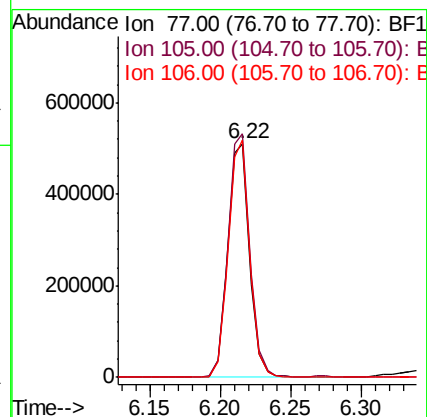
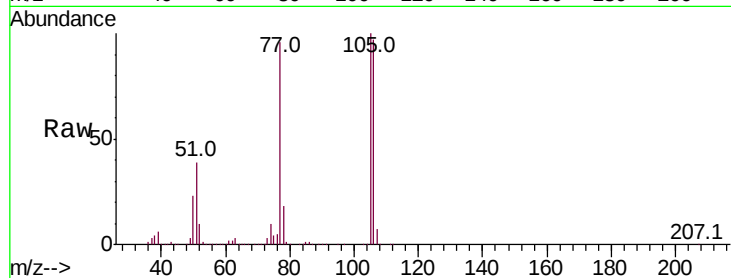
Tot Ion: 77 Resp: 545770

Ion Ratio Lower Upper

77 100

105 104.3 85.8 125.8

106 101.5 81.6 121.6



#10

Phenol

Concen: 41.161 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

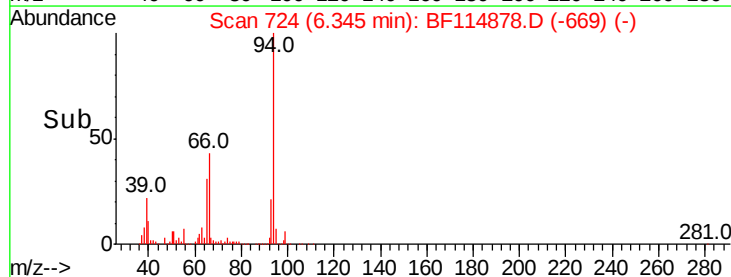
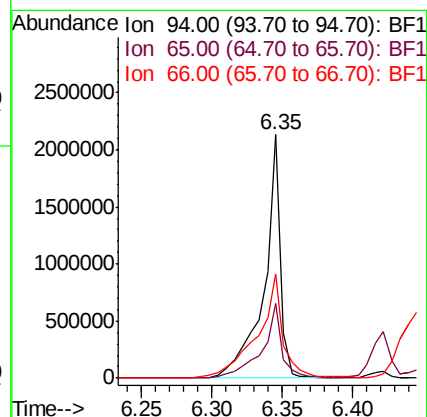
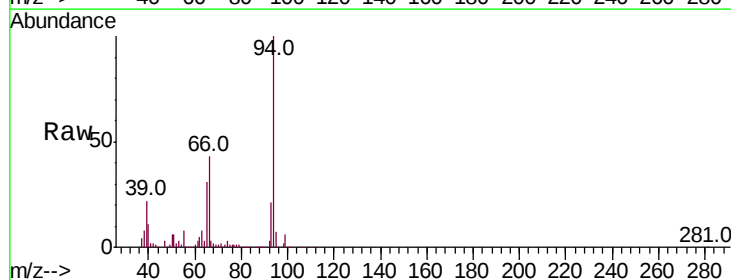
Tgt Ion: 94 Resp: 1769116

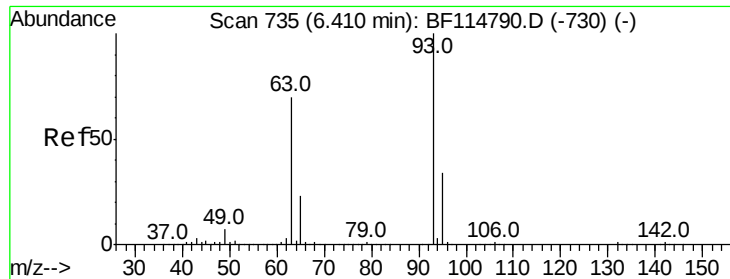
Ion Ratio Lower Upper

94 100

65 30.7 16.1 56.1

66 42.9 36.3 76.3

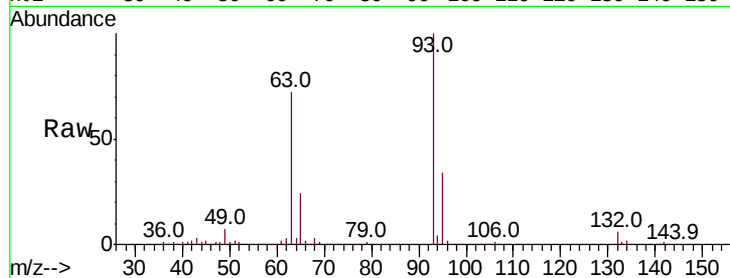




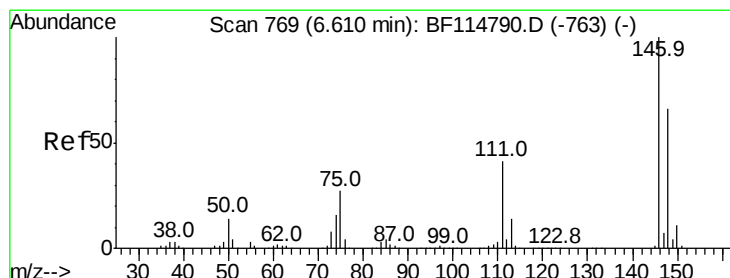
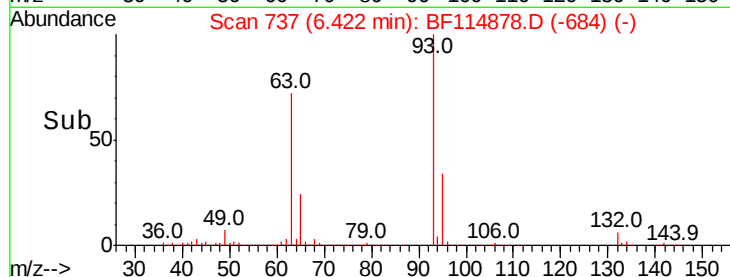
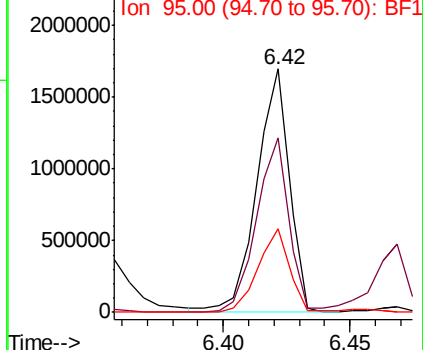
#11
bis(2-Chloroethyl)ether
Concen: 44.968 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMSD

Tot Ion: 93 Resp: 1508386
Ion Ratio Lower Upper
93 100
63 71.6 49.6 89.6
95 34.2 13.6 53.6

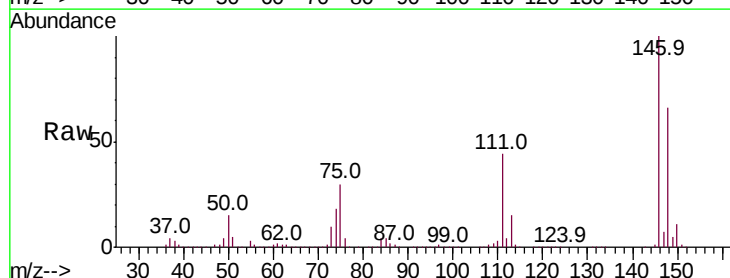


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

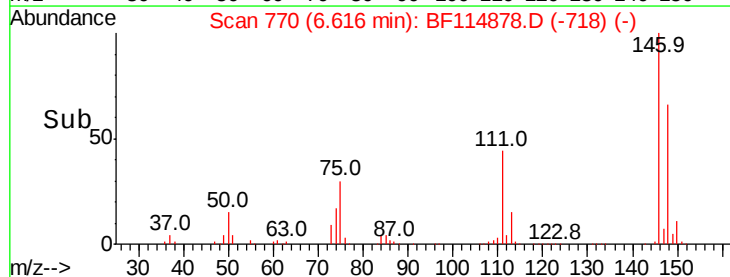
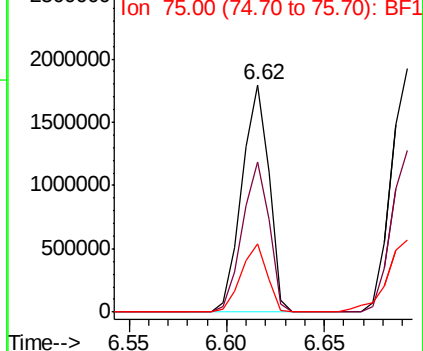


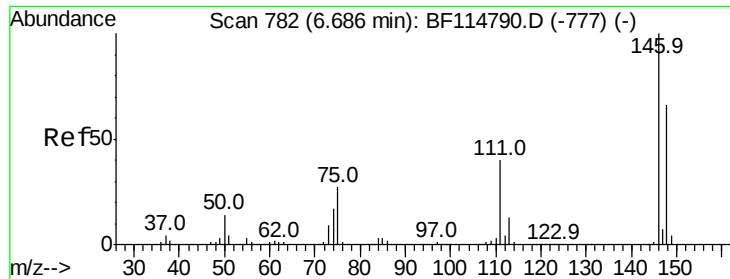
#12
1,3-Dichlorobenzene
Concen: 41.536 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion: 146 Resp: 1727312
Ion Ratio Lower Upper
146 100
148 66.1 52.7 79.1
75 30.2 22.0 33.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

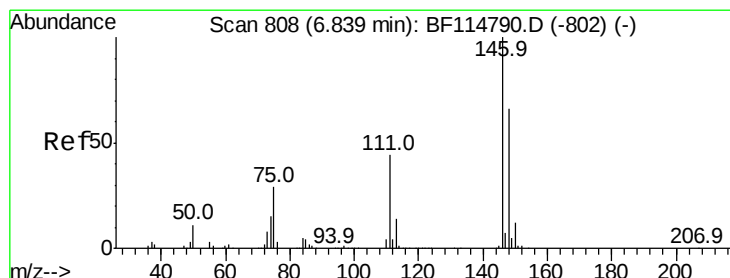
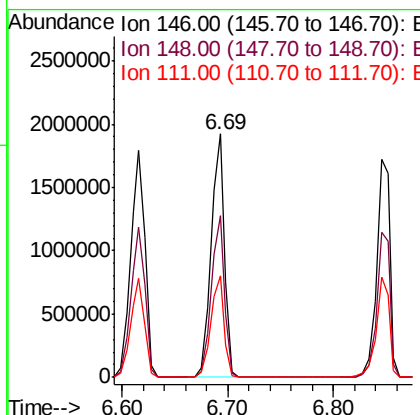
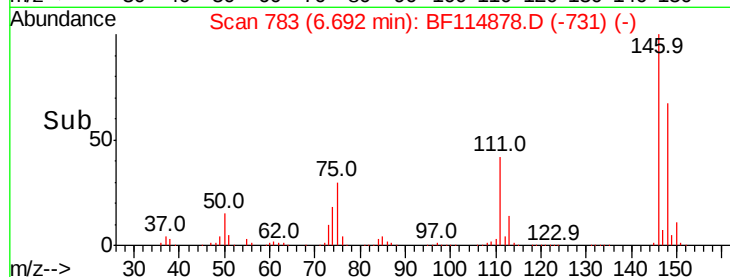
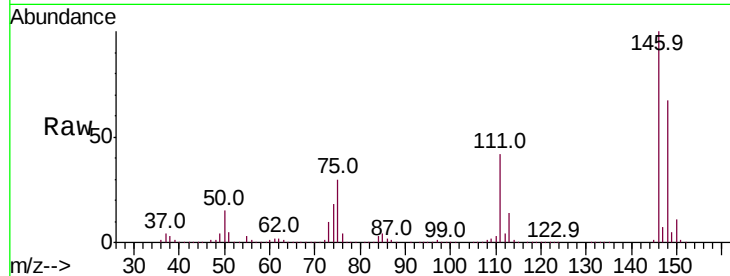




#13
 1,4-Dichlorobenzene
 Concen: 40.926 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

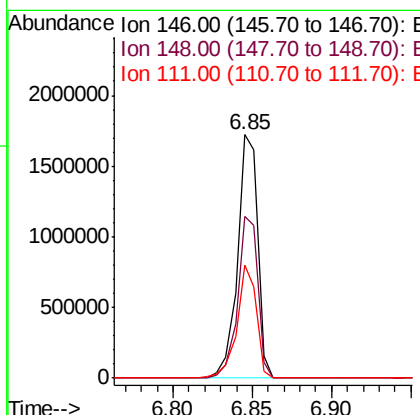
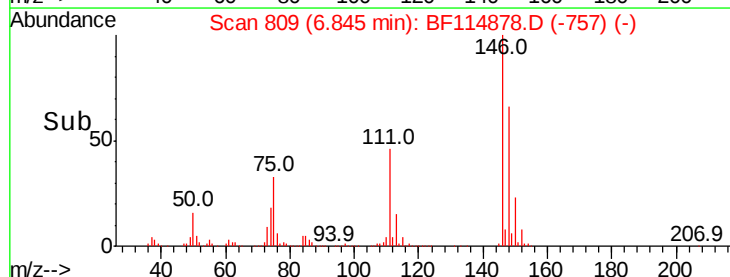
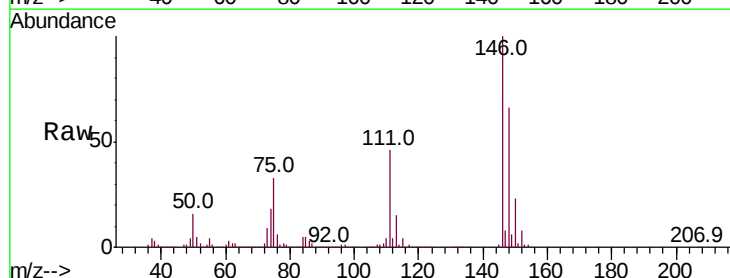
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMSD

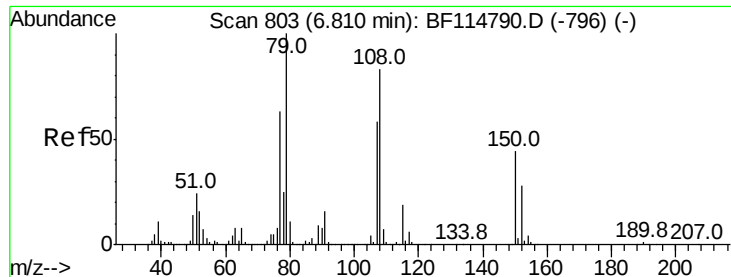
Tot Ion:146 Resp: 1712560
 Ion Ratio Lower Upper
 146 100
 148 66.5 53.0 79.4
 111 41.8 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 40.197 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

Tgt Ion:146 Resp: 1519082
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.5 78.7
 111 46.2 34.8 52.2





#15

Benzyl Alcohol

Concen: 42.292 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

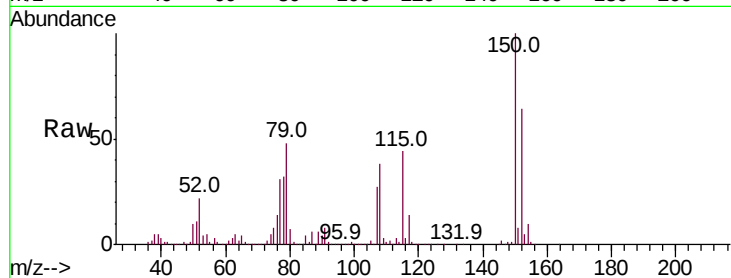
Tot Ion: 79 Resp: 1202044

Ion Ratio Lower Upper

79 100

108 80.2 66.8 100.2

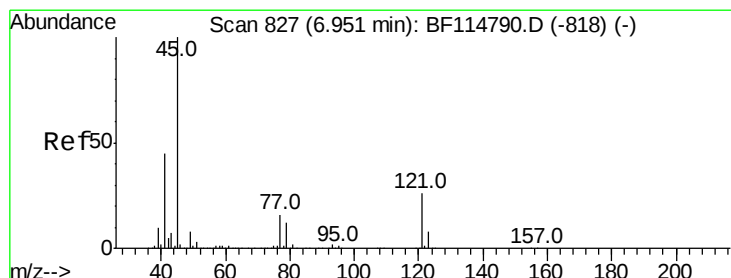
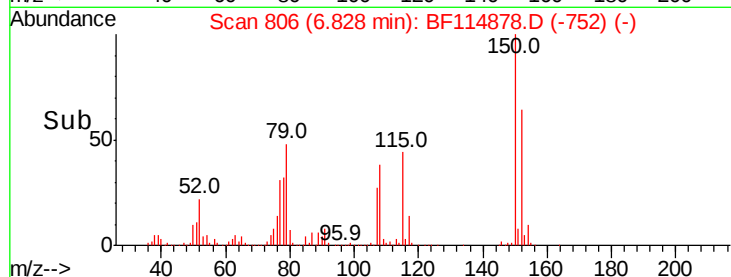
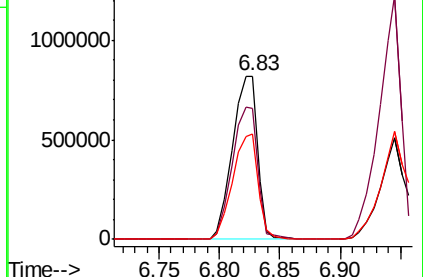
77 64.2 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.898 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

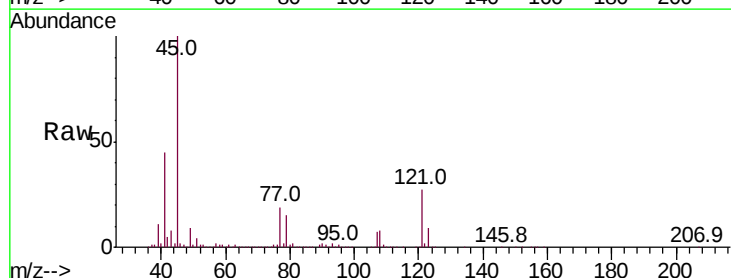
Tgt Ion: 45 Resp: 2057997

Ion Ratio Lower Upper

45 100

77 19.1 0.0 35.8

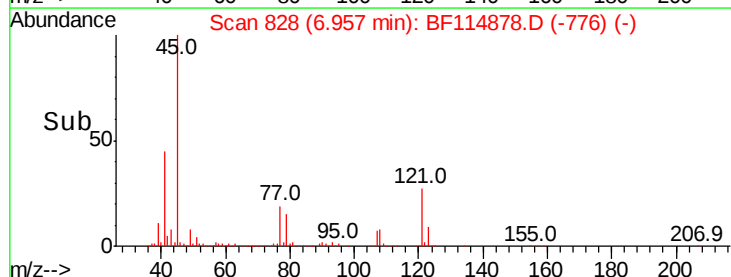
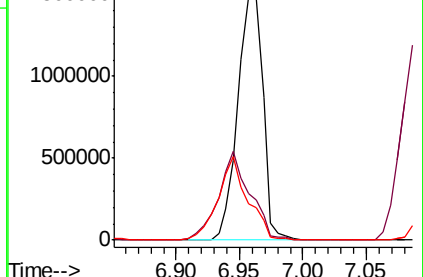
79 14.6 0.0 32.0

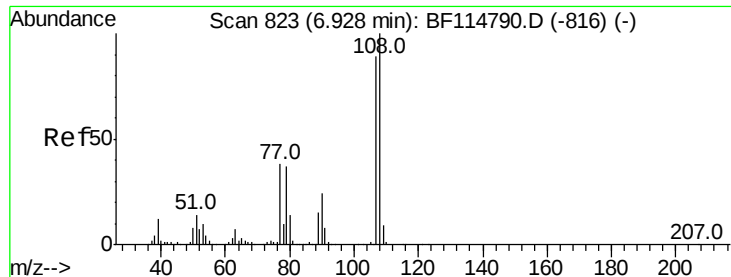


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 45.568 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

Tot Ion:107 Resp: 1390098

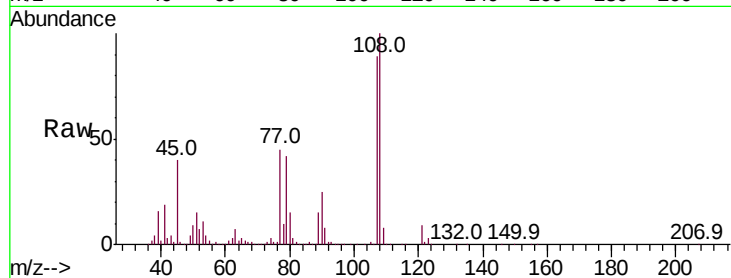
Ion Ratio Lower Upper

107 100

108 112.1 90.2 135.2

77 49.9 34.5 51.7

79 46.8 33.8 50.6

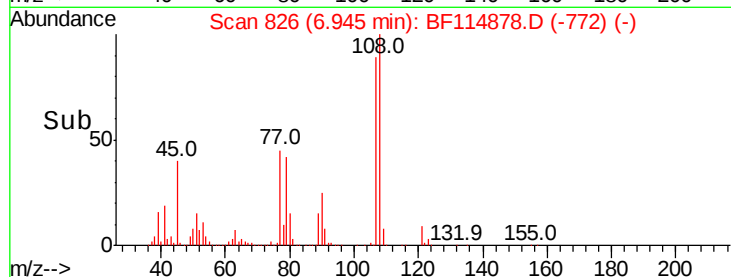
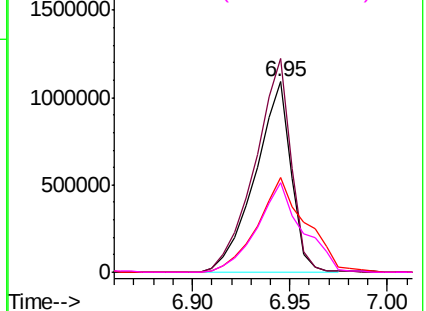


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.488 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

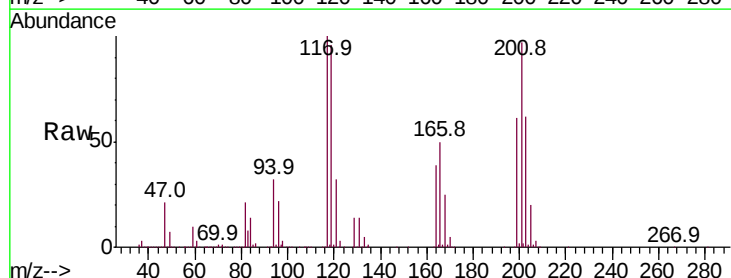
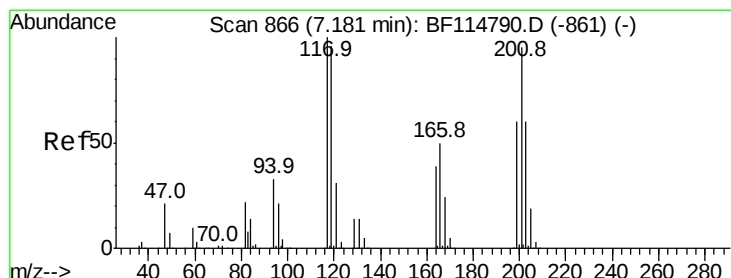
Tgt Ion:117 Resp: 653444

Ion Ratio Lower Upper

117 100

119 96.0 77.0 115.4

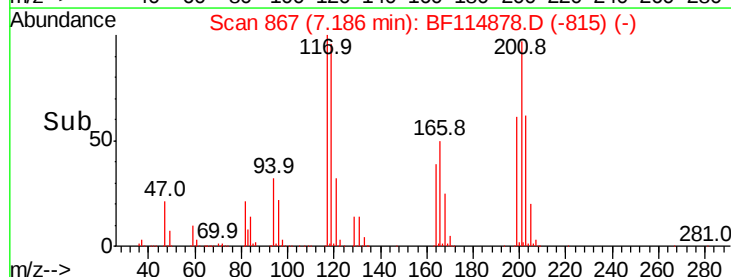
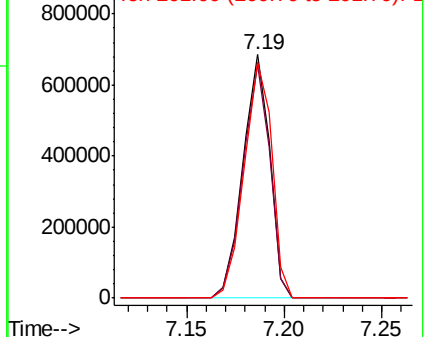
201 96.9 76.0 114.0

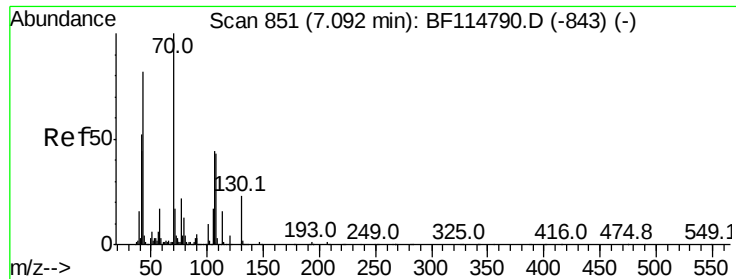


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.537 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

Tot Ion: 70 Resp: 1083178

Ion Ratio Lower Upper

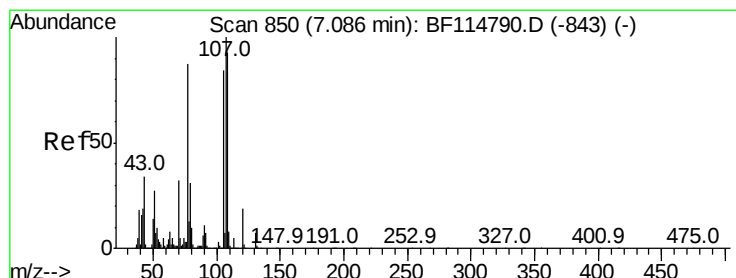
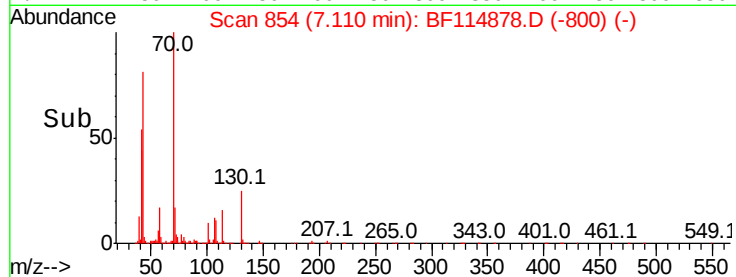
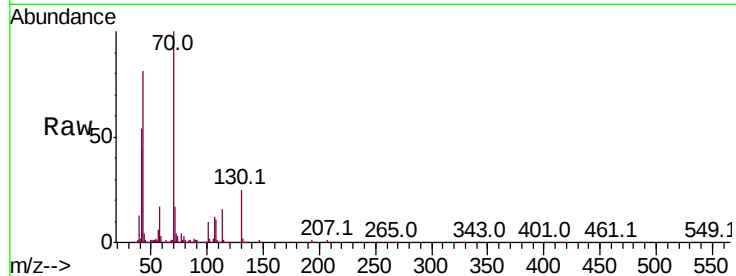
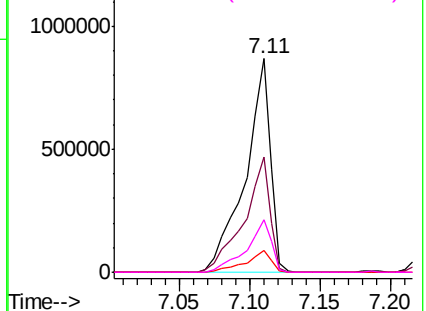
70 100

42 53.7 41.8 62.8

101 10.5 8.2 12.4

130 24.6 18.5 27.7

Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 44.914 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Tgt Ion: 107 Resp: 1511219

Ion Ratio Lower Upper

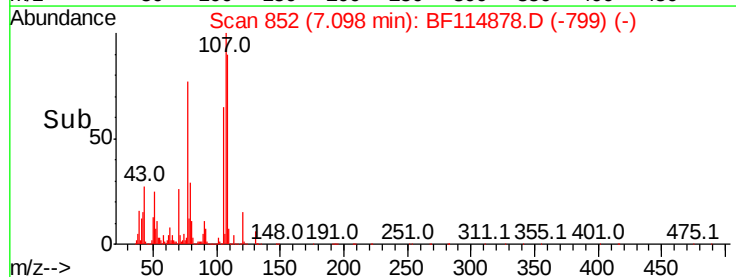
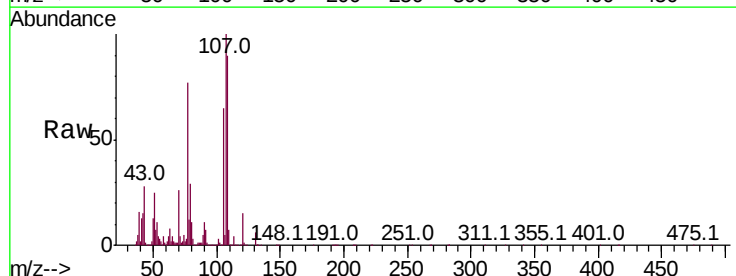
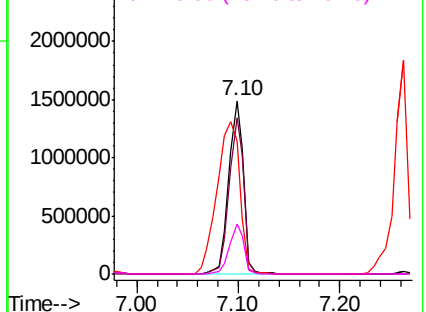
107 100

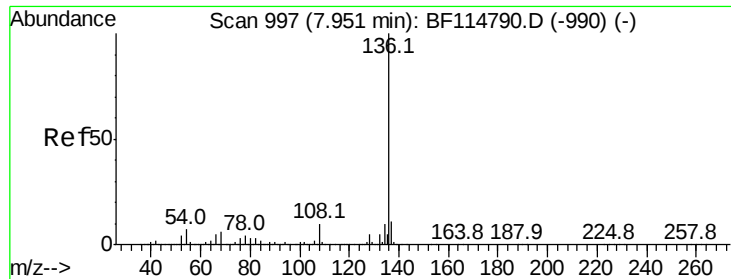
108 90.0 73.5 113.5

77 76.6 67.2 107.2

79 28.9 10.6 50.6

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

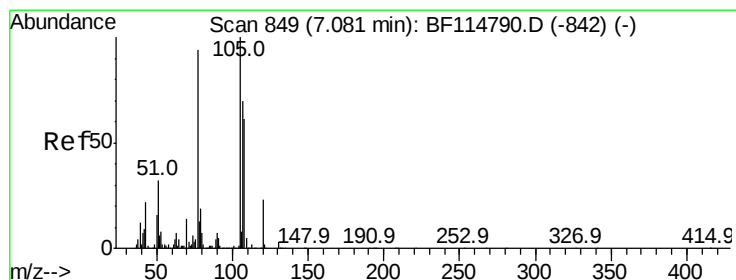
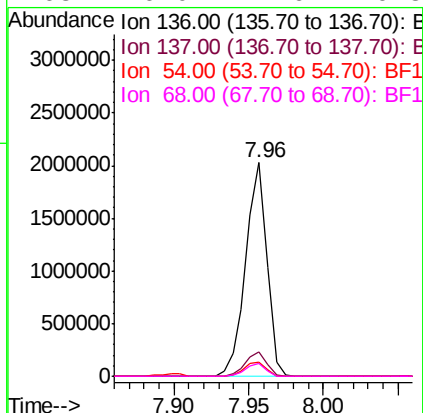
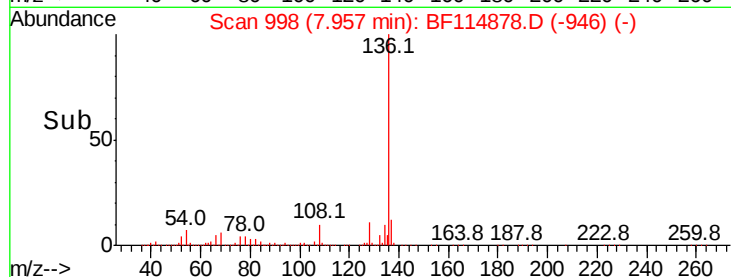
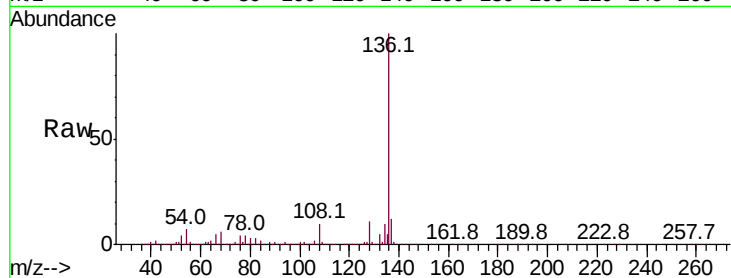




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

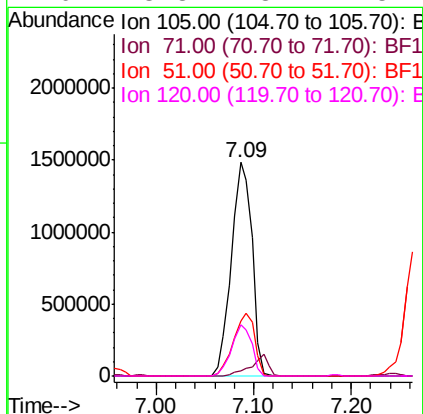
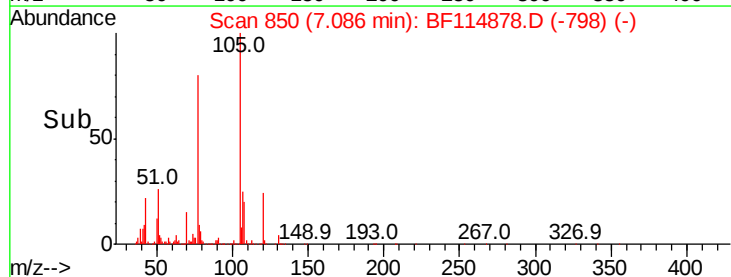
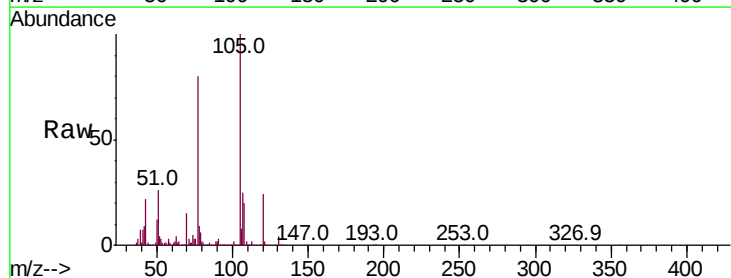
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMSD

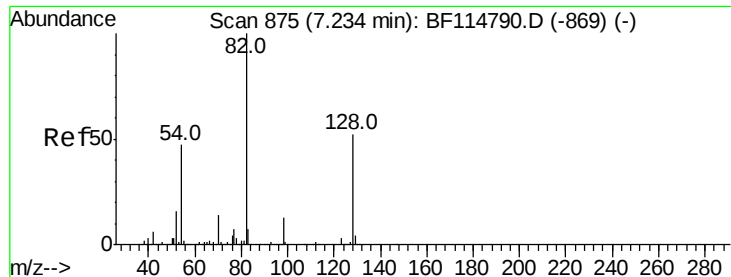
Tot Ion:136	Resp: 1992515
Ion Ratio	Lower Upper
136 100	
137 11.6	9.1 13.7
54 6.8	5.4 8.0
68 6.0	4.6 6.8



#22
Acetophenone
Concen: 49.562 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion:105	Resp: 2174171
Ion Ratio	Lower Upper
105 100	
71 2.5	2.0 3.0
51 26.1	25.4 38.0
120 23.8	18.7 28.1

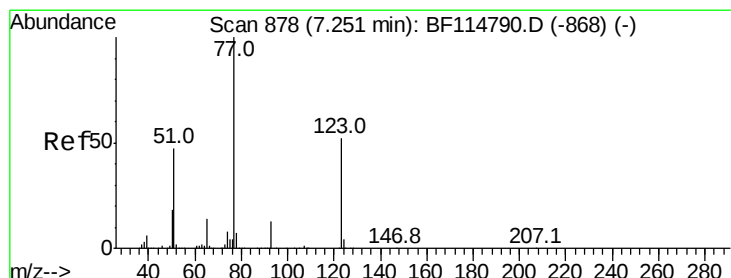
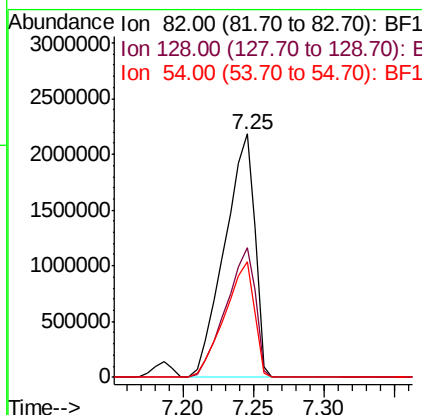
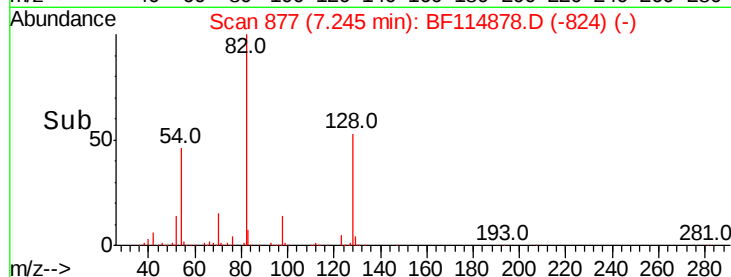
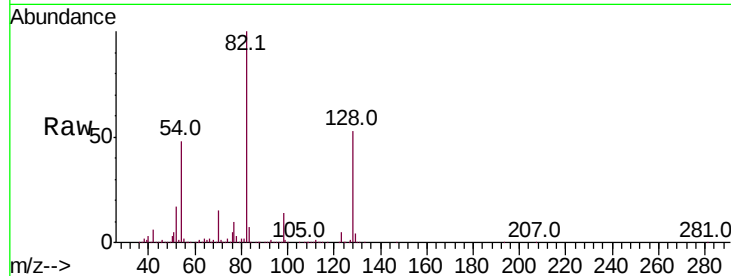




#23
 Nitrobenzene-d5
 Concen: 100.032 ng
 RT: 7.25 min Scan# 877
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

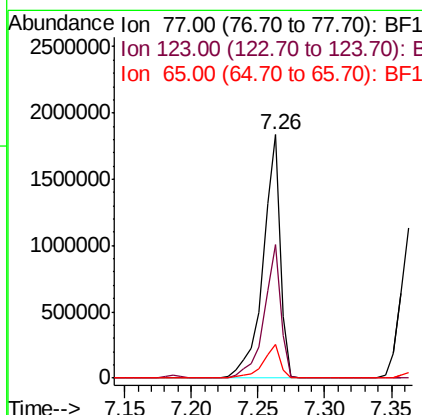
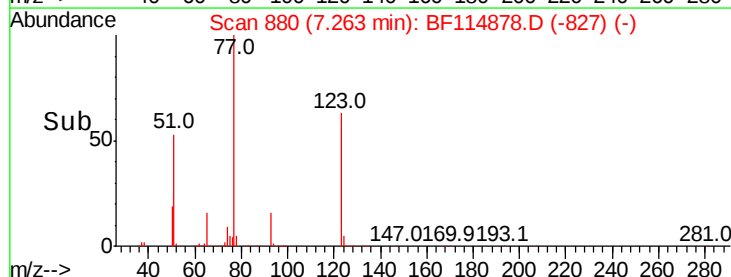
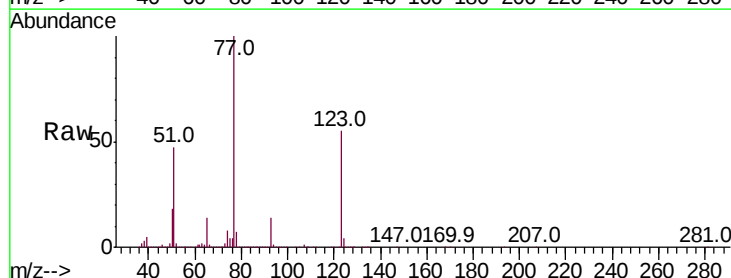
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMSD

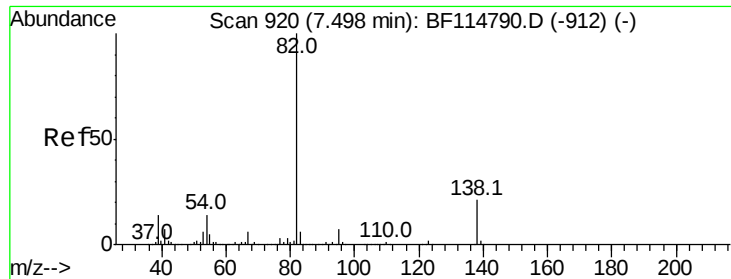
Tot Ion: 82 Resp: 3237816
 Ion Ratio Lower Upper
 82 100
 128 53.2 41.8 62.6
 54 47.7 37.9 56.9



#24
 Nitrobenzene
 Concen: 48.068 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

Tgt Ion: 77 Resp: 1611825
 Ion Ratio Lower Upper
 77 100
 123 54.6 41.5 62.3
 65 14.0 10.8 16.2





#25

Isophorone

Concen: 49.929 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

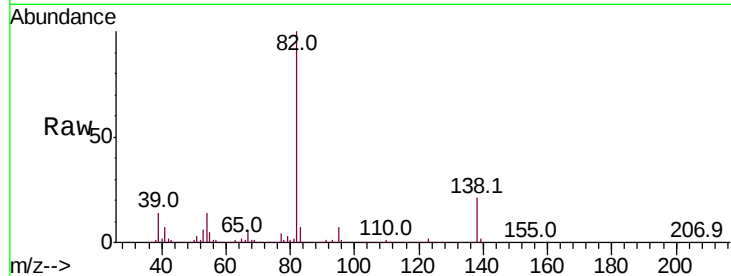
Tot Ion: 82 Resp: 3194914

Ion Ratio Lower Upper

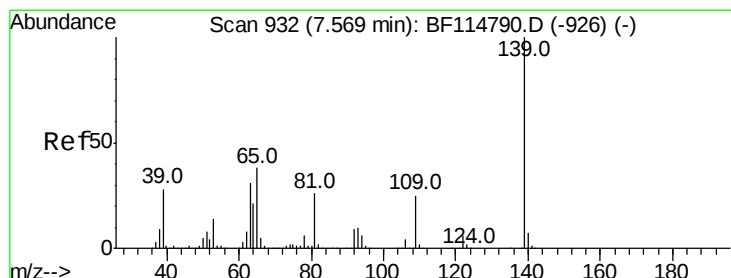
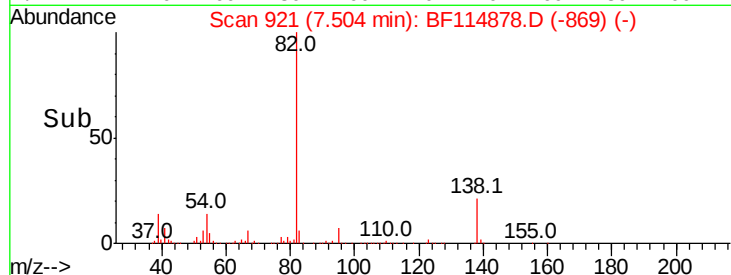
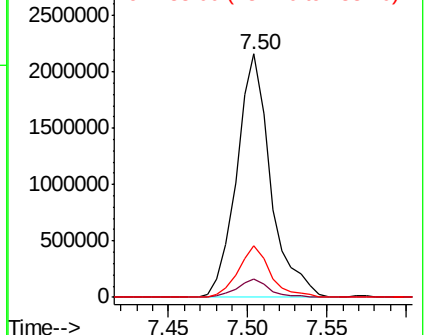
82 100

95 7.3 5.8 8.8

138 21.4 16.9 25.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.339 ng

RT: 7.57 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

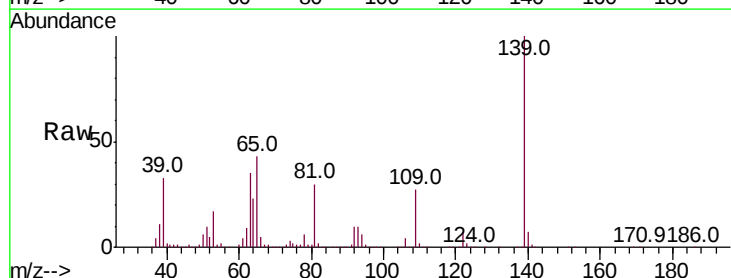
Tgt Ion:139 Resp: 968710

Ion Ratio Lower Upper

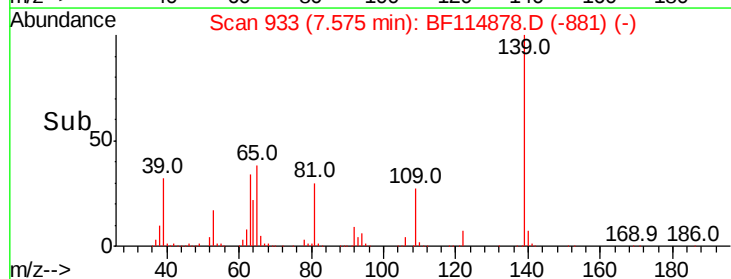
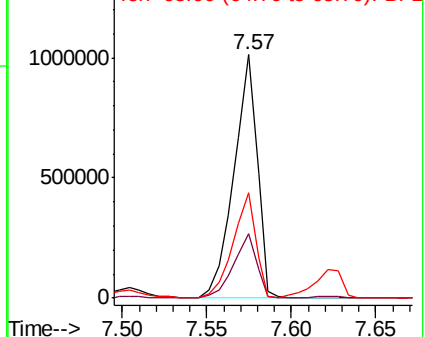
139 100

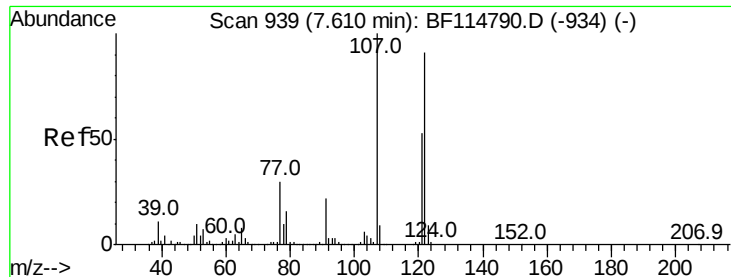
109 26.7 20.4 30.6

65 43.2 30.5 45.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 54.095 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

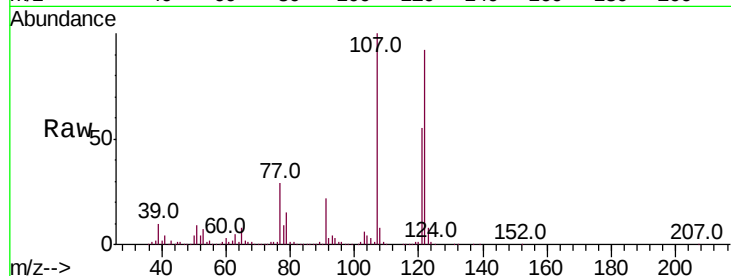
Tot Ion:122 Resp: 1493217

Ion	Ratio	Lower	Upper
122	100		
107	109.1	87.9	131.9
121	59.5	46.4	69.6

122 100

107 109.1 87.9 131.9

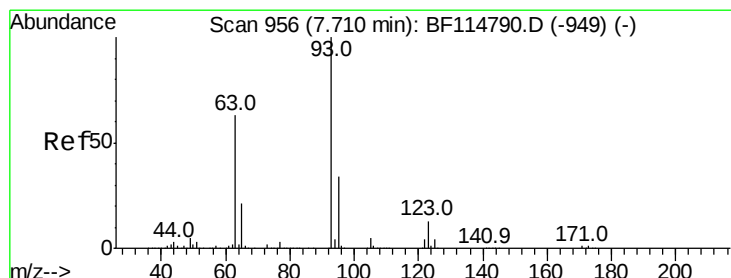
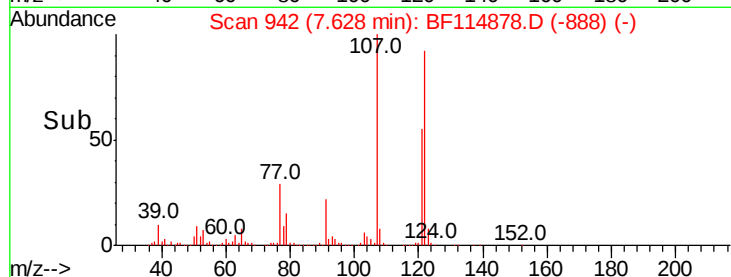
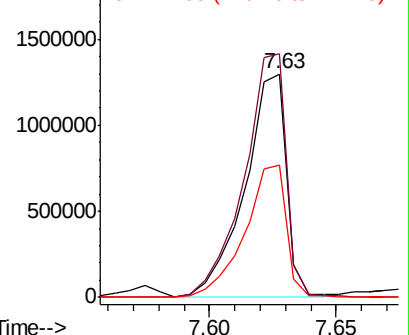
121 59.5 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.379 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

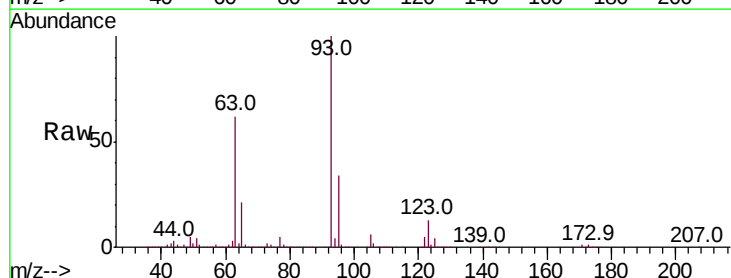
Tgt Ion: 93 Resp: 1978903

Ion	Ratio	Lower	Upper
93	100		
95	34.4	26.9	40.3
123	13.0	10.4	15.6

93 100

95 34.4 26.9 40.3

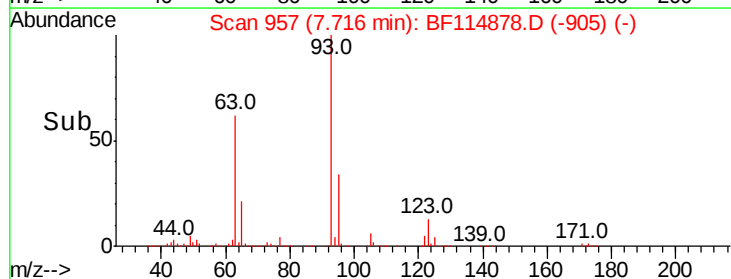
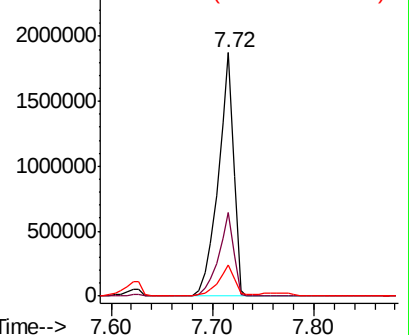
123 13.0 10.4 15.6

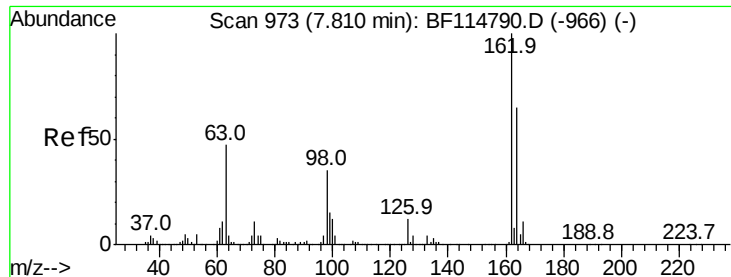


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.136 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

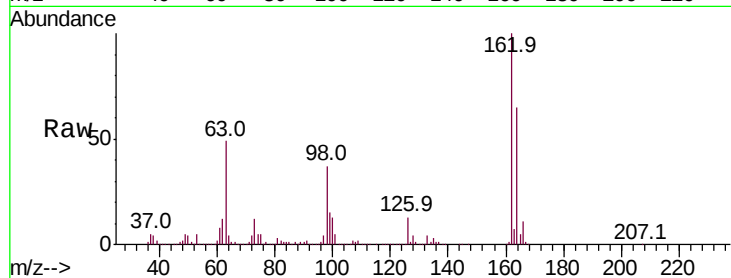
Tot Ion:162 Resp: 1397947

Ion Ratio Lower Upper

162 100

164 65.3 45.1 85.1

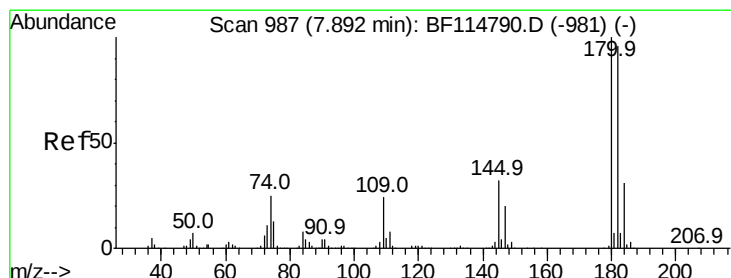
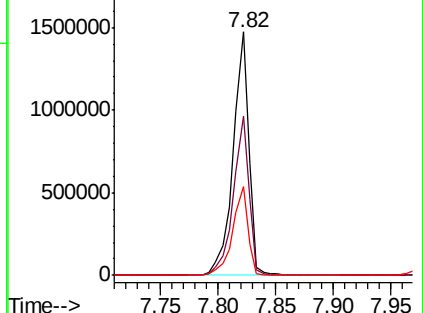
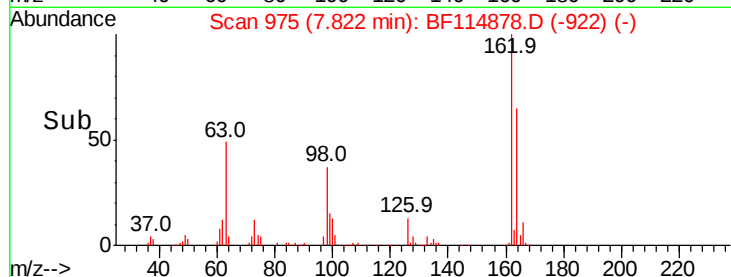
98 36.5 14.6 54.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 46.228 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

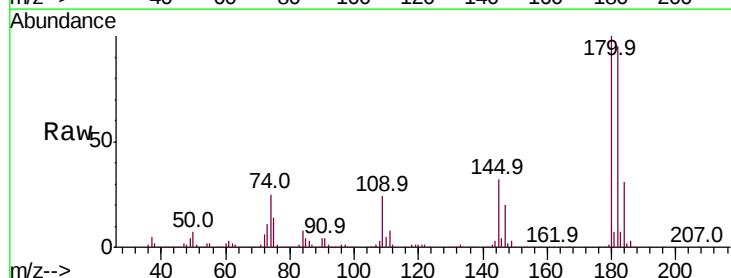
Tgt Ion:180 Resp: 1540421

Ion Ratio Lower Upper

180 100

182 95.5 76.5 114.7

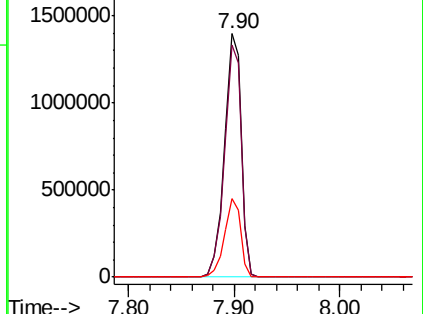
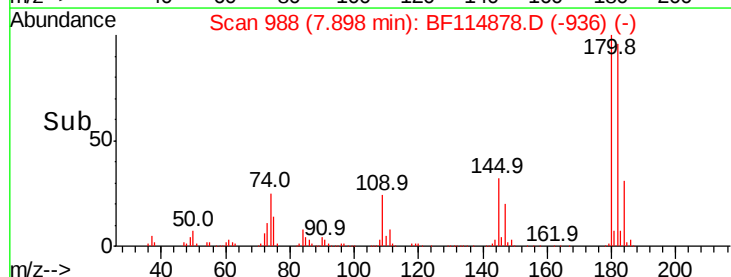
145 32.4 25.8 38.8

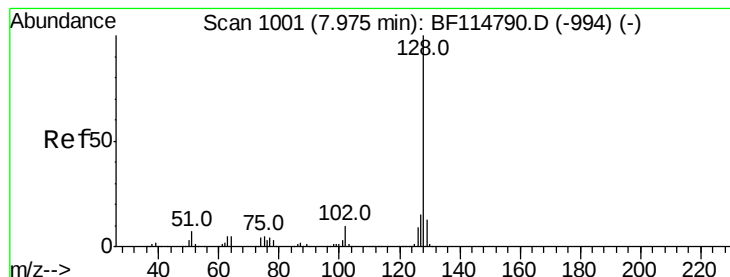


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.875 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

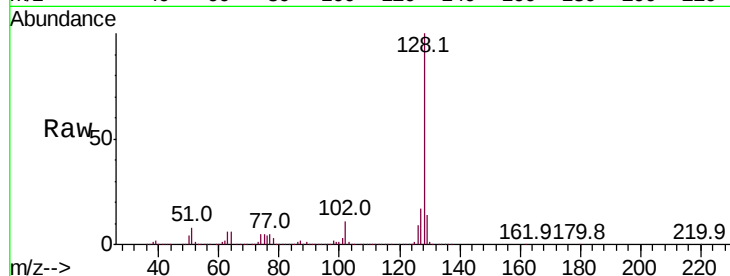
Tot Ion:128 Resp: 4115148

Ion Ratio Lower Upper

128 100

129 13.8 10.0 15.0

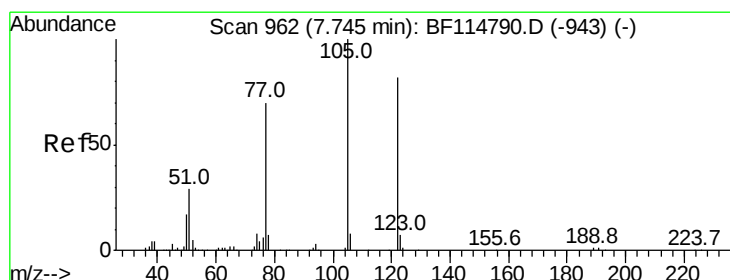
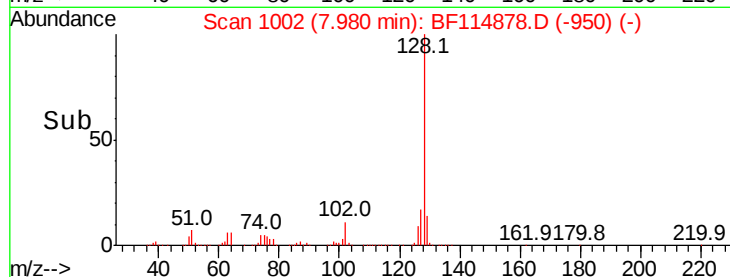
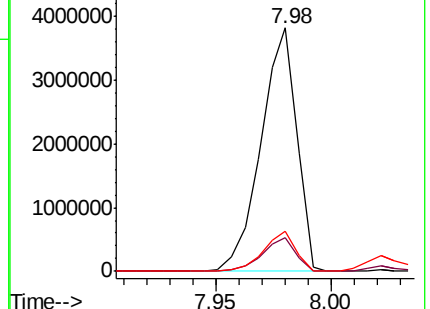
127 16.5 12.2 18.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.649 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.03 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

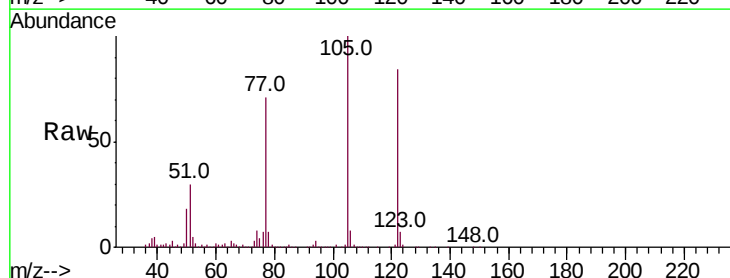
Tgt Ion:122 Resp: 1018276

Ion Ratio Lower Upper

122 100

105 119.7 98.7 138.7

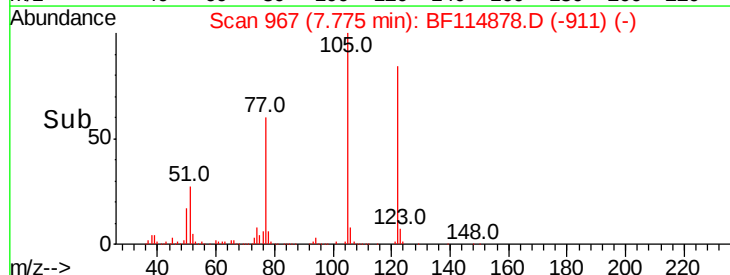
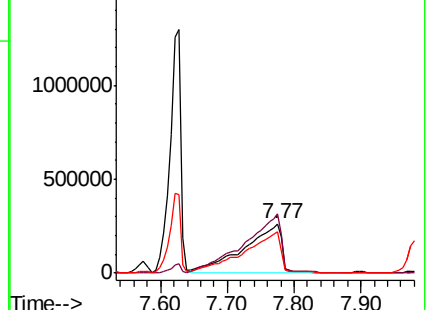
77 84.9 64.8 104.8

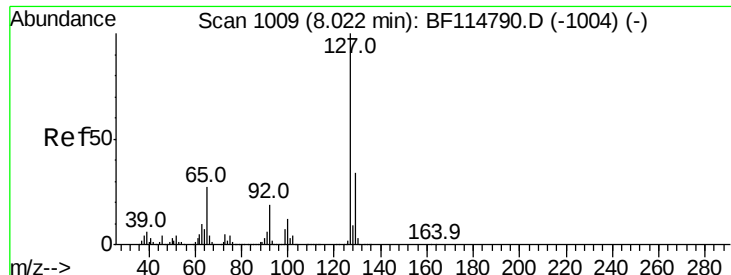


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

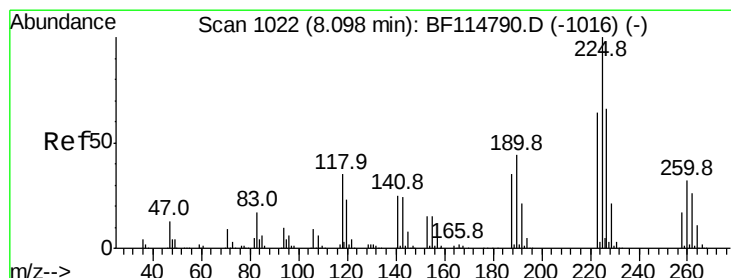
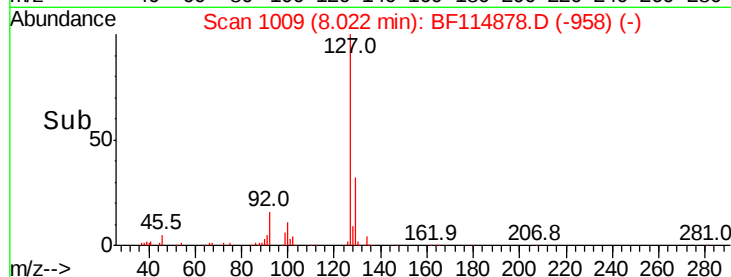
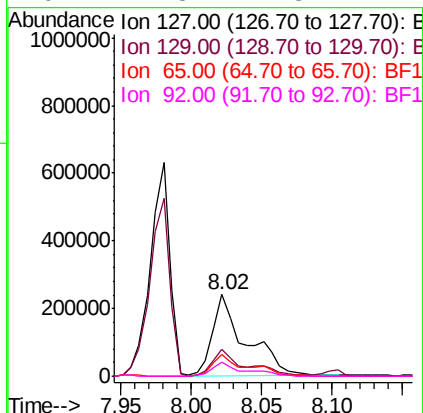
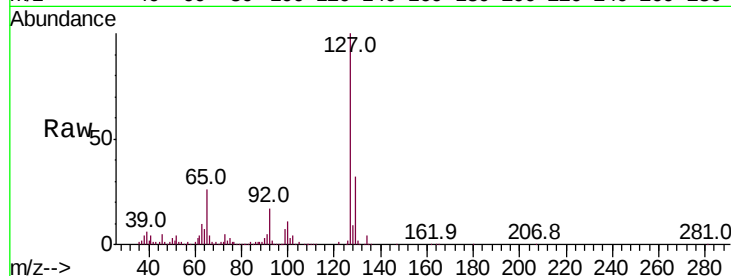




#33
 4-Chloroaniline
 Concen: 9.181 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

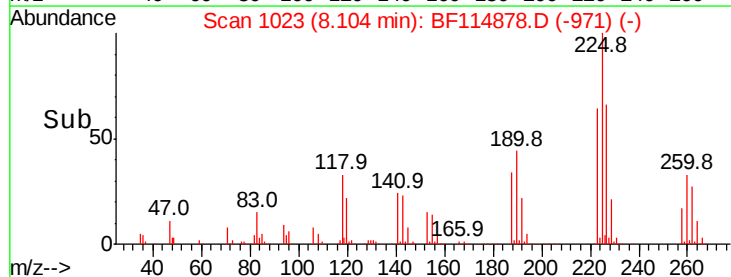
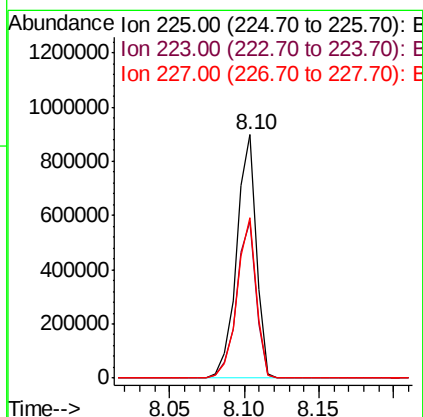
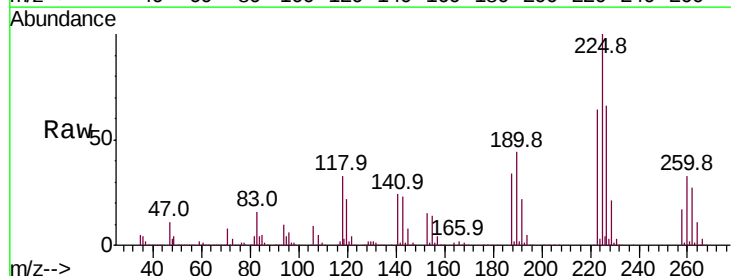
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMSD

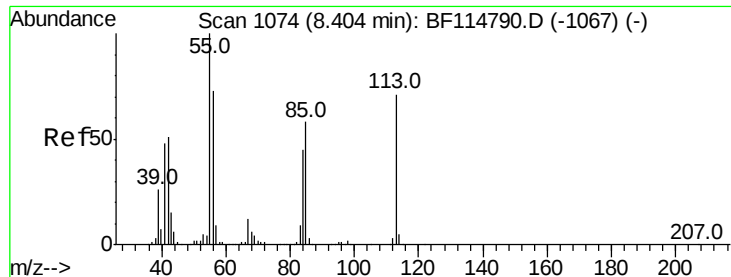
Tot Ion:	127	Resp:	392906
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.9	40.3
65	26.3	21.7	32.5
92	17.3	14.8	22.2



#34
 Hexachlorobutadiene
 Concen: 43.727 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

Tgt Ion:	225	Resp:	828409
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	65.7	52.6	78.8





#35

Caprolactam

Concen: 30.131 ng

RT: 8.42 min Scan# 1077

Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

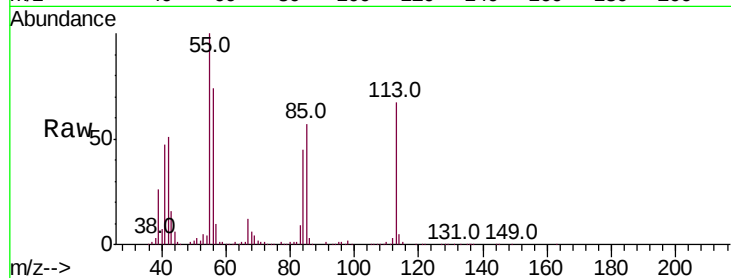
Tot Ion:113 Resp: 285846

Ion Ratio Lower Upper

113 100

55 148.2 121.1 161.1

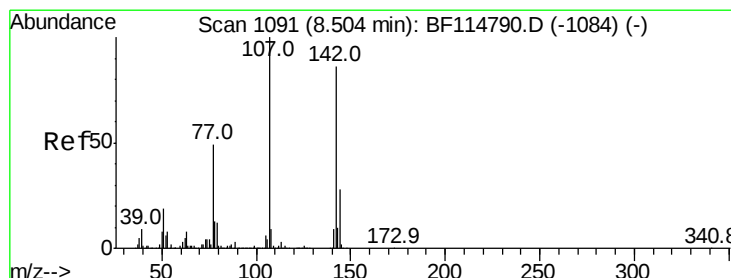
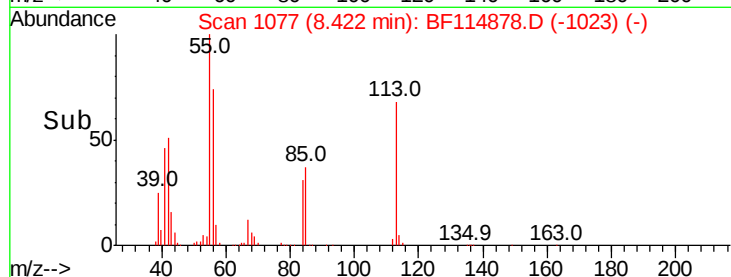
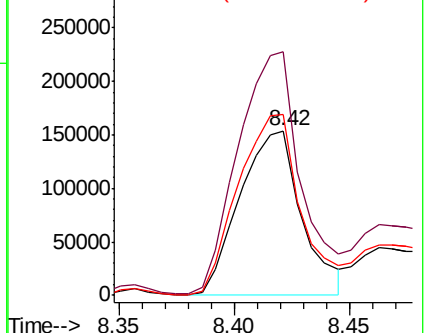
56 109.8 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 49.155 ng

RT: 8.52 min Scan# 1094

Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

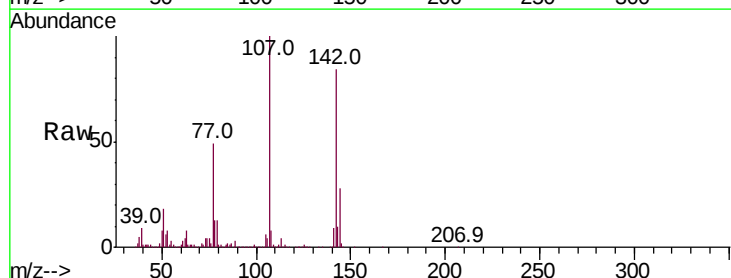
Tgt Ion:107 Resp: 1420486

Ion Ratio Lower Upper

107 100

144 27.5 22.1 33.1

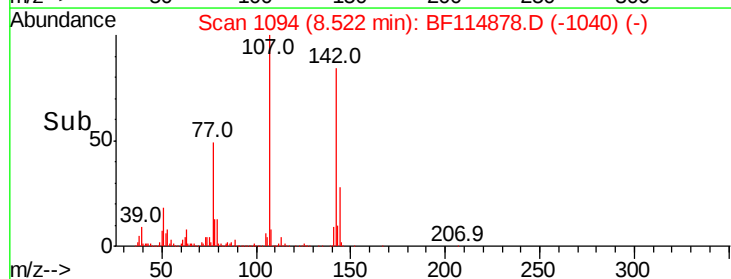
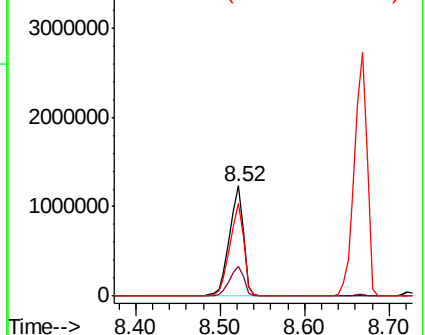
142 84.4 68.4 102.6

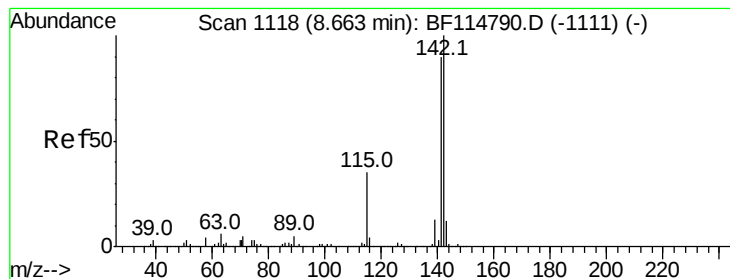


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.984 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

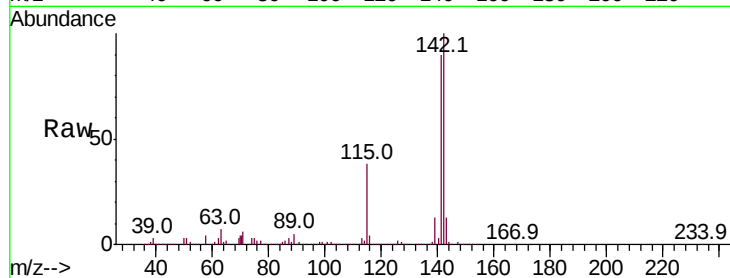
Tot Ion:142 Resp: 2861081

Ion Ratio Lower Upper

142 100

141 90.0 71.6 107.4

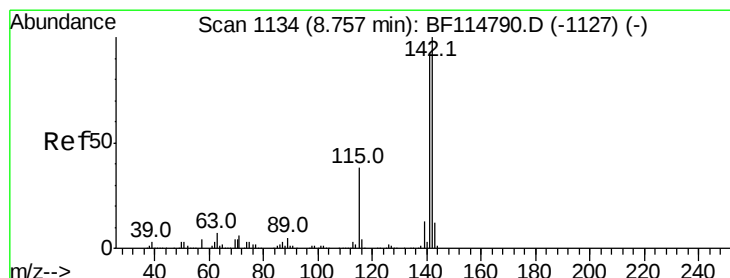
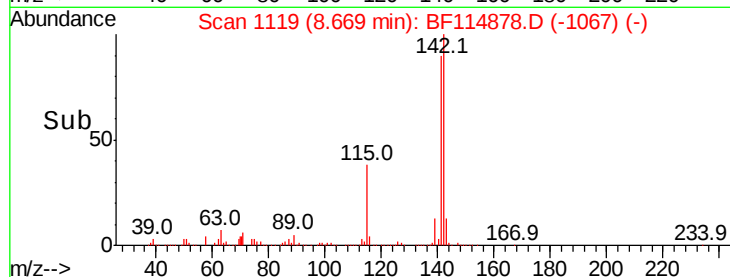
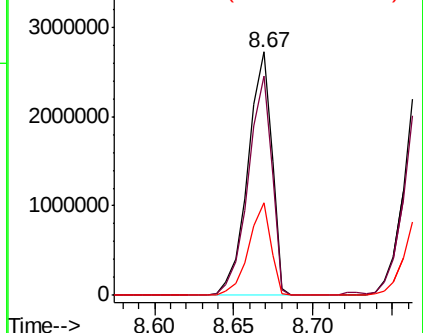
115 38.0 28.2 42.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.383 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

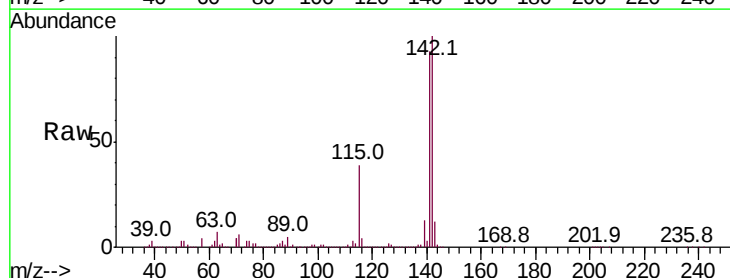
Tgt Ion:142 Resp: 2677810

Ion Ratio Lower Upper

142 100

141 92.5 73.8 110.6

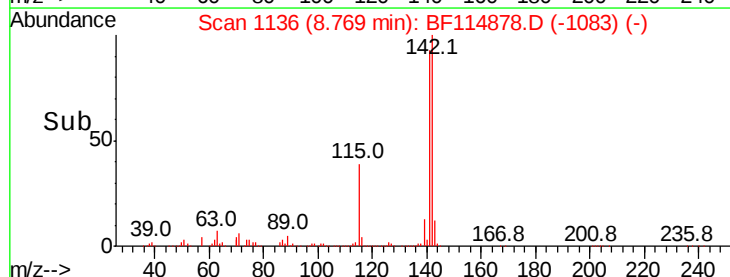
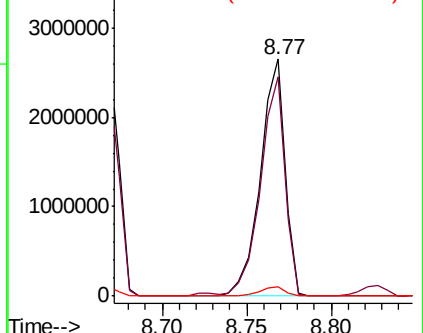
116 4.2 3.3 4.9

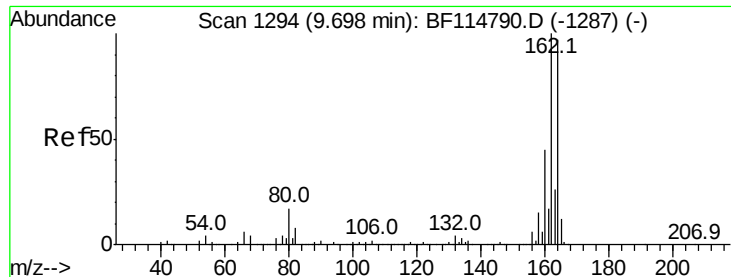


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

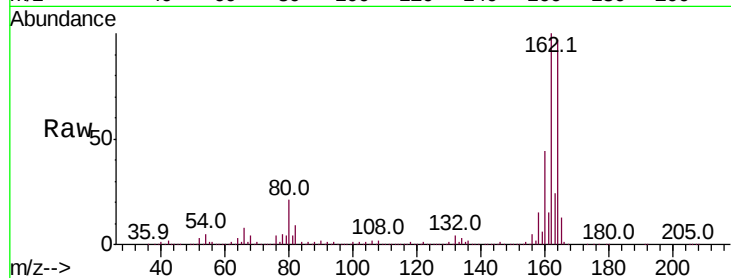
Tot Ion:164 Resp: 925927

Ion Ratio Lower Upper

164 100

162 103.1 82.3 123.5

160 45.5 36.7 55.1

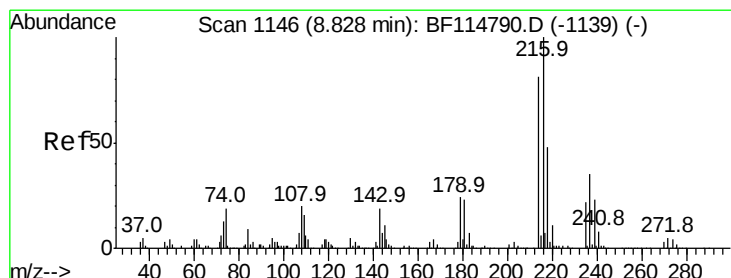
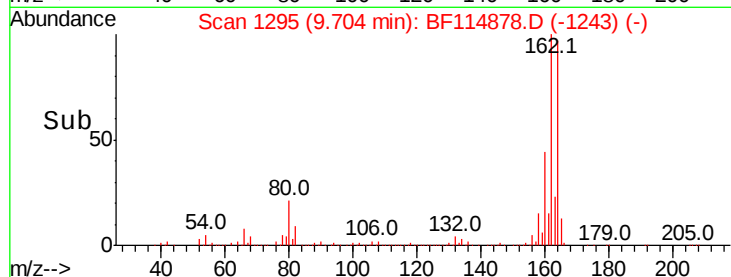
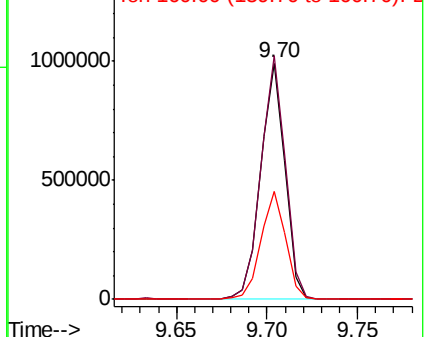


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.810 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Tgt Ion:216 Resp: 1249062

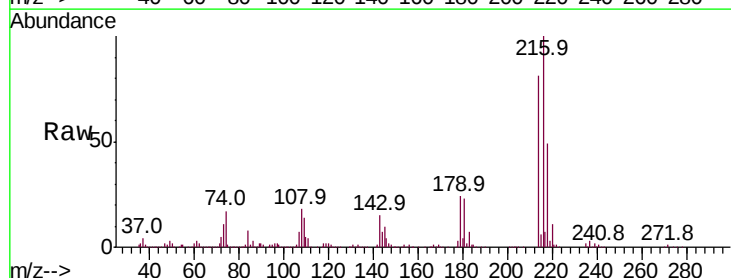
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 23.6 18.3 27.5

108 20.5 15.5 23.3



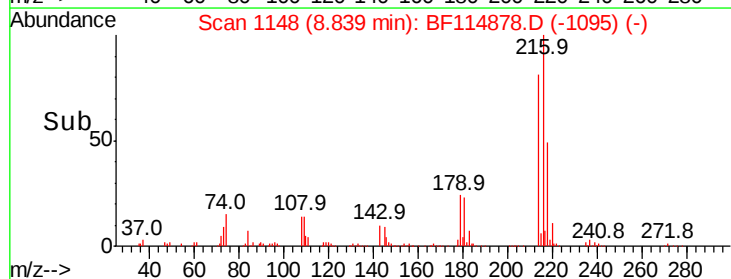
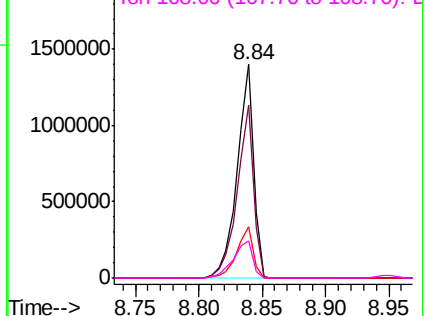
Abundance

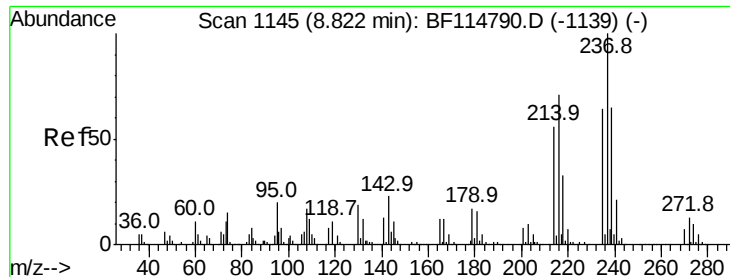
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 61.597 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

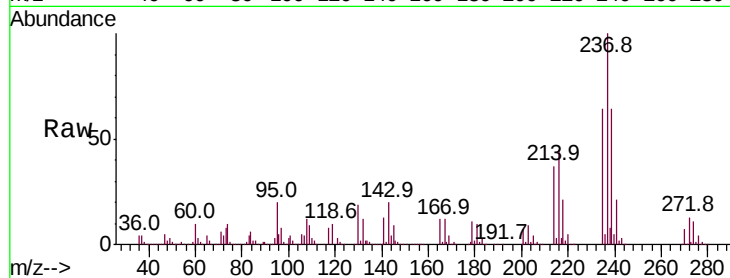
Tot Ion:237 Resp: 996859

Ion Ratio Lower Upper

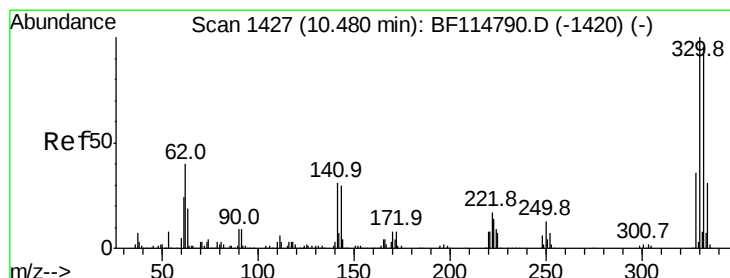
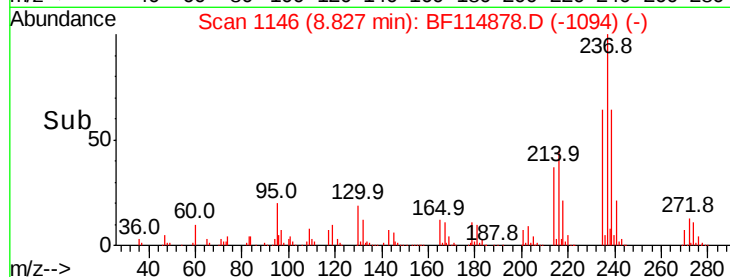
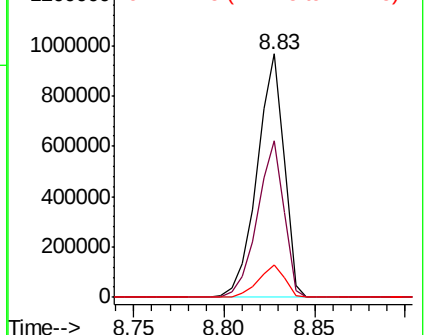
237 100

235 64.3 44.0 84.0

272 13.2 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 121.404 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

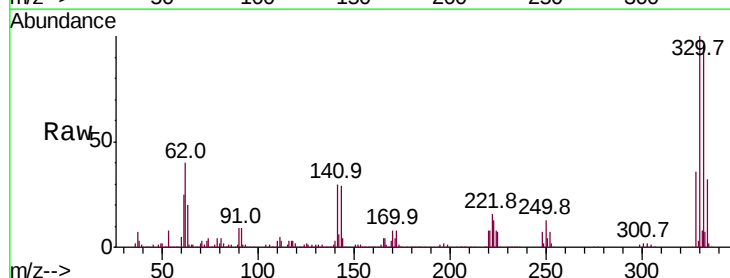
Tgt Ion:330 Resp: 1211407

Ion Ratio Lower Upper

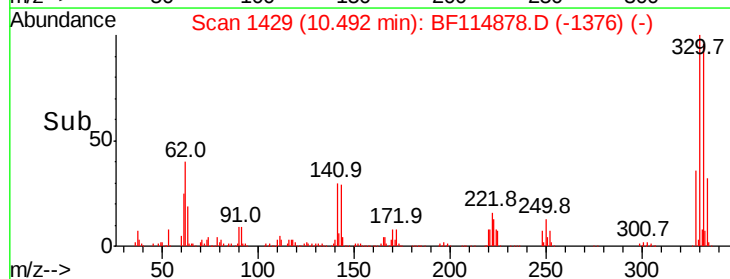
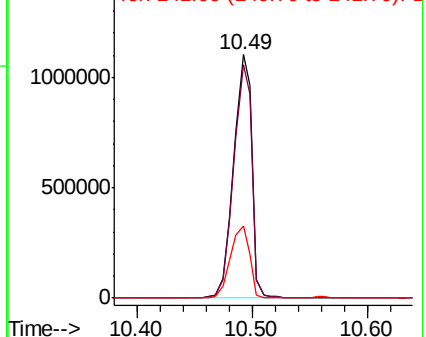
330 100

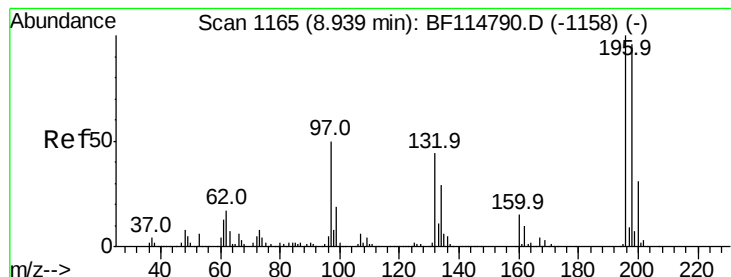
332 96.3 77.3 115.9

141 31.3 26.2 39.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 48.609 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

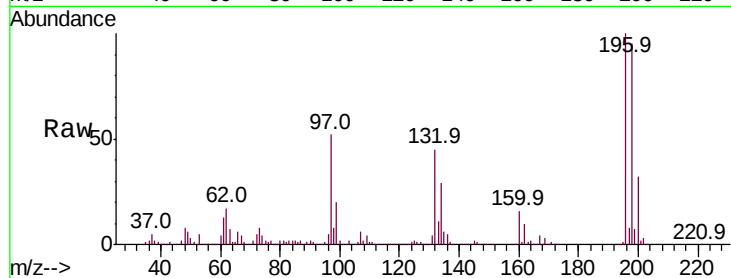
Tot Ion:196 Resp: 1008582

Ion Ratio Lower Upper

196 100

198 95.4 77.1 115.7

200 31.7 24.6 36.8

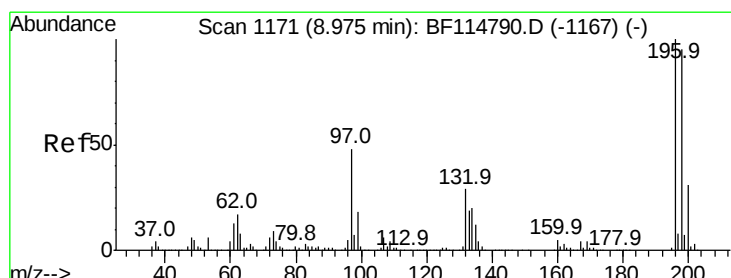
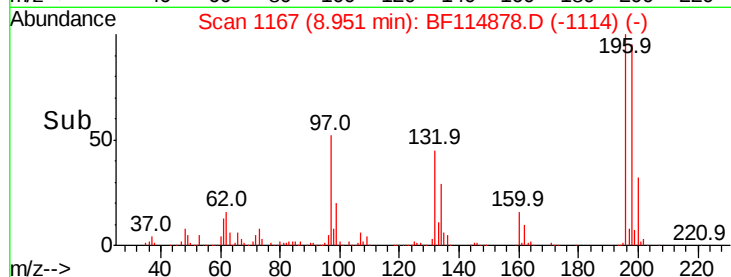
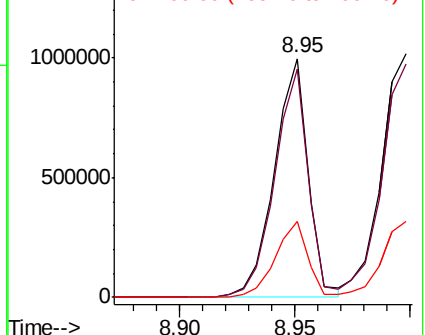


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 48.554 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Tgt Ion:196 Resp: 1014588

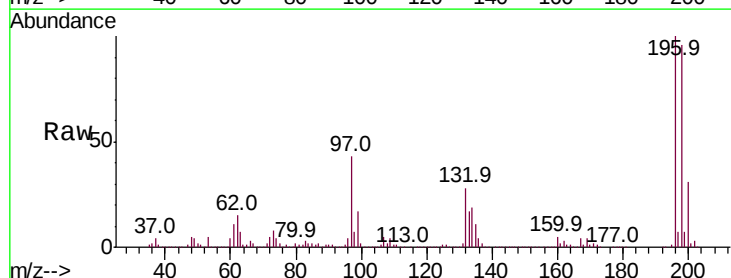
Ion Ratio Lower Upper

196 100

198 95.7 76.2 114.4

97 42.9 38.2 57.4

132 27.6 23.7 35.5



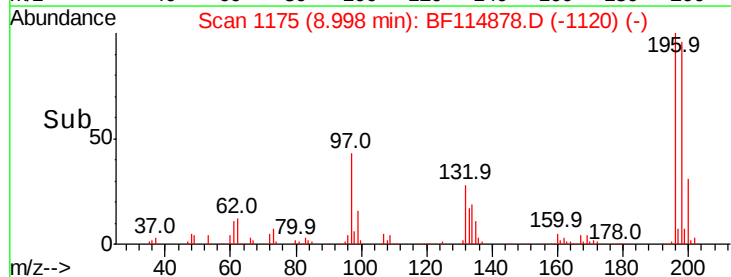
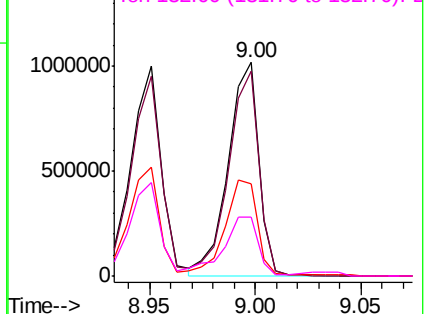
Abundance

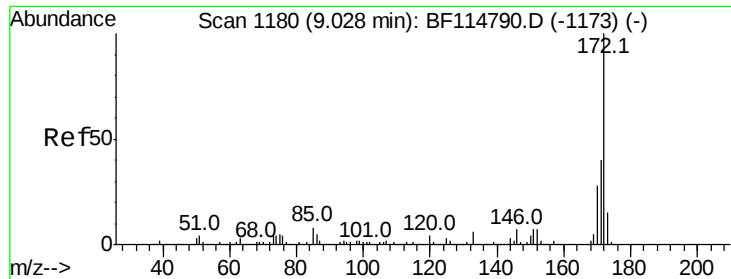
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

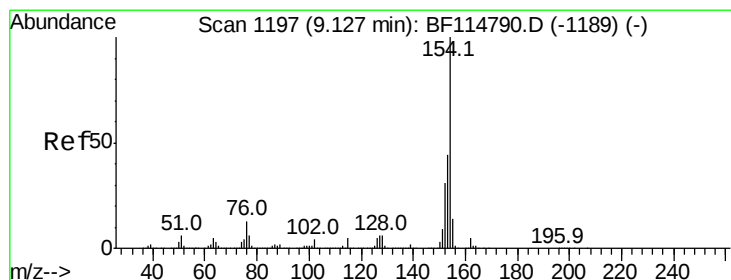
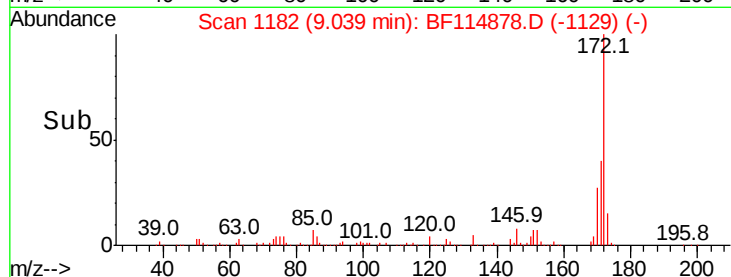
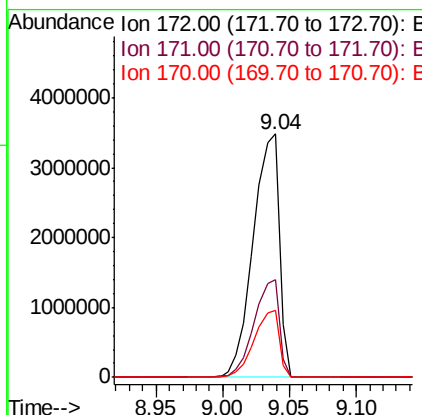
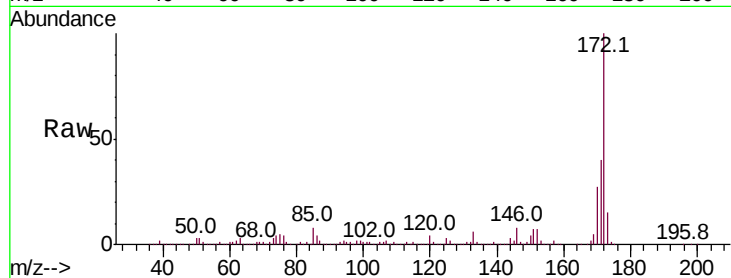




#45
2-Fluorobiphenyl
Concen: 95.032 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

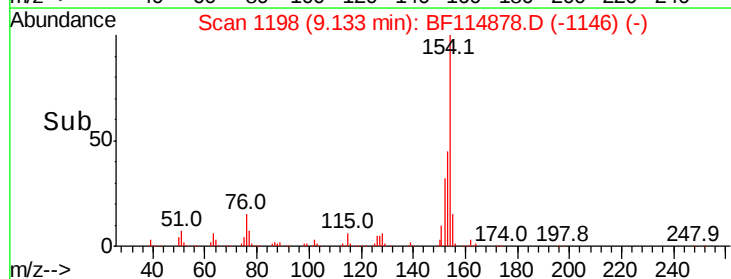
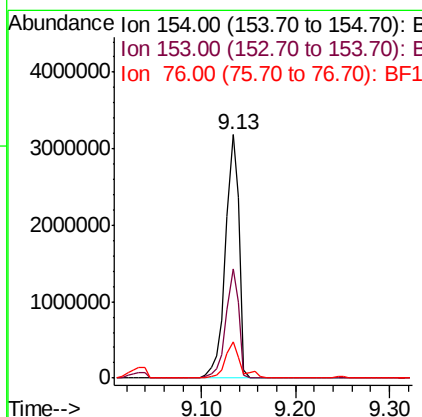
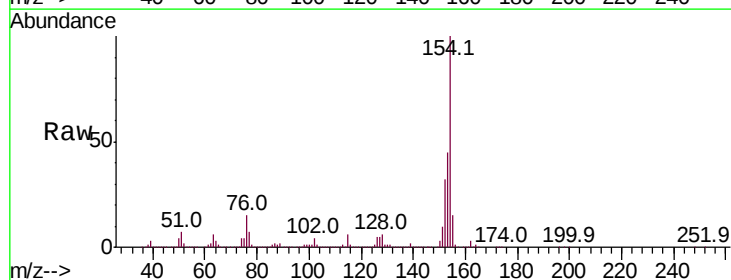
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMSD

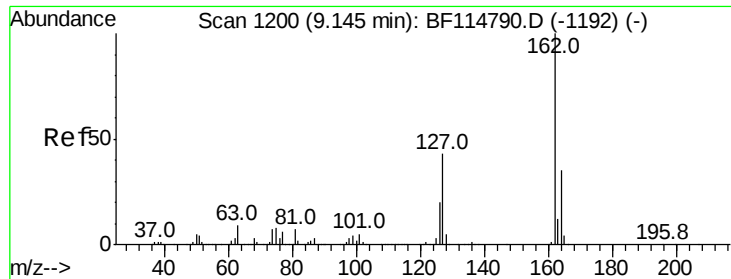
Tot Ion:172 Resp: 4697292
Ion Ratio Lower Upper
172 100
171 40.4 32.3 48.5
170 27.3 22.4 33.6



#46
1,1'-Biphenyl
Concen: 46.407 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion:154 Resp: 3184715
Ion Ratio Lower Upper
154 100
153 44.8 23.9 63.9
76 14.7 0.0 33.2



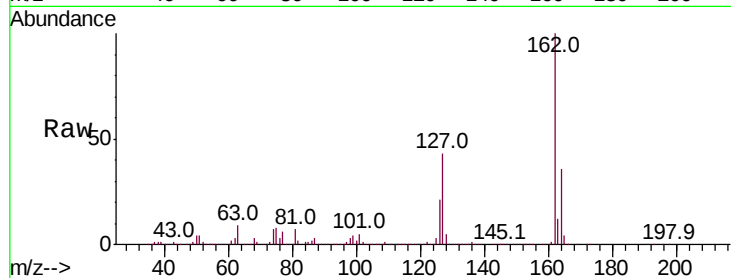


#47
 2-Chloronaphthalene
 Concen: 45.104 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

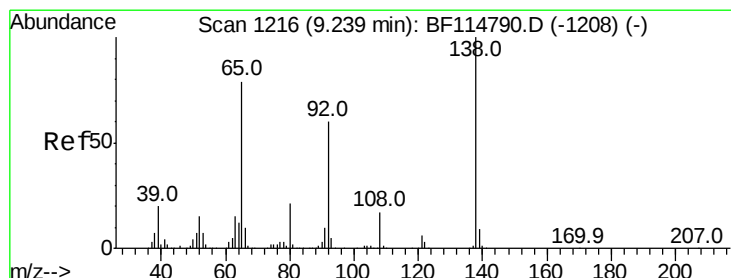
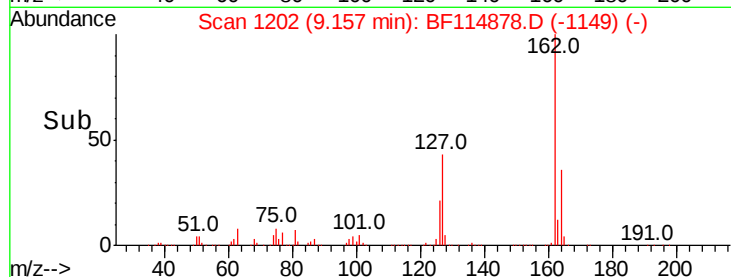
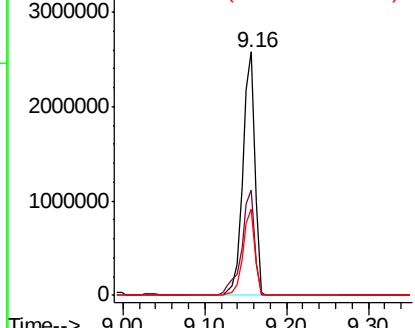
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMSD

Tot Ion:162 Resp: 2630144

Ion	Ratio	Lower	Upper
162	100		
127	43.4	34.6	51.8
164	35.6	27.8	41.8



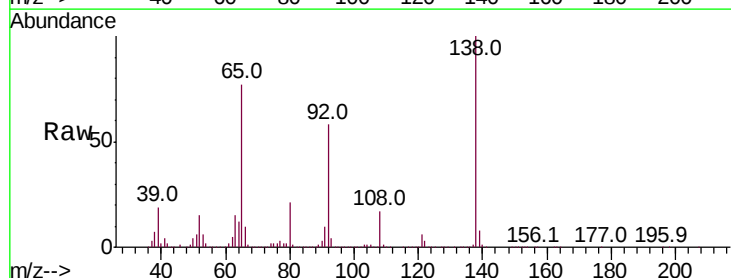
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



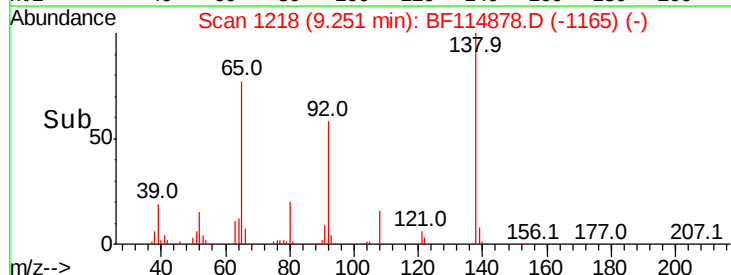
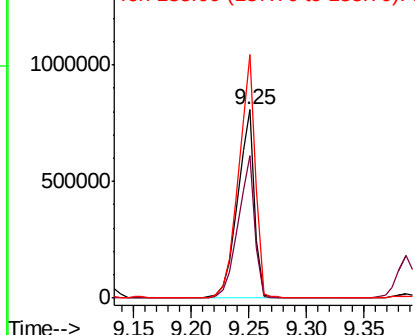
#48
 2-Nitroaniline
 Concen: 46.686 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

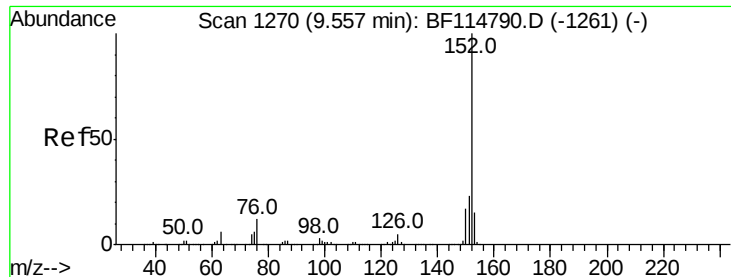
Tgt Ion: 65 Resp: 812412

Ion	Ratio	Lower	Upper
65	100		
92	75.4	60.4	90.6
138	129.2	101.2	151.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.749 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

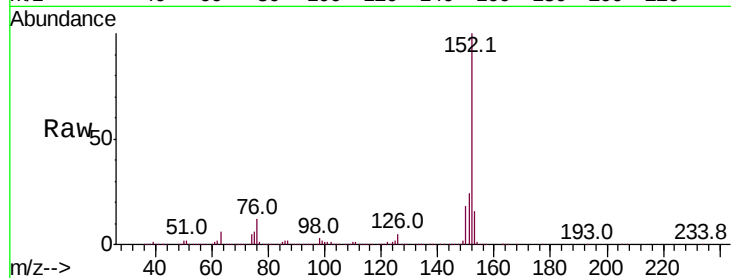
Tot Ion:152 Resp: 3784126

Ion Ratio Lower Upper

152 100

151 23.8 18.3 27.5

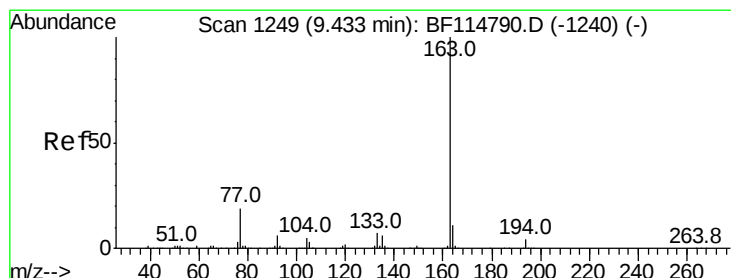
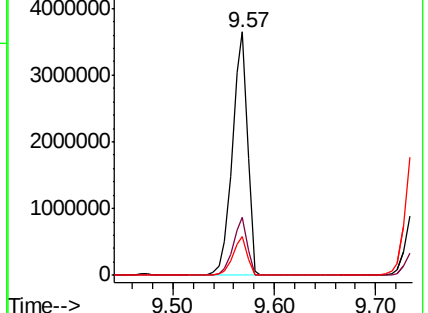
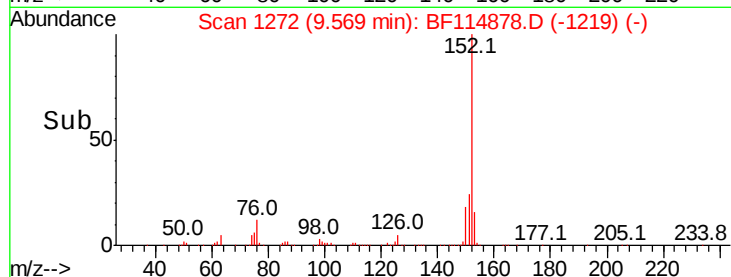
153 15.7 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 58.929 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

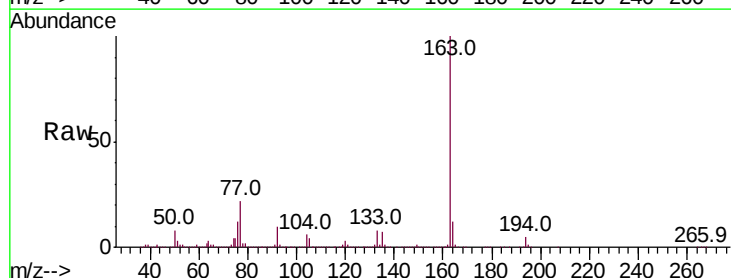
Tgt Ion:163 Resp: 3985130

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

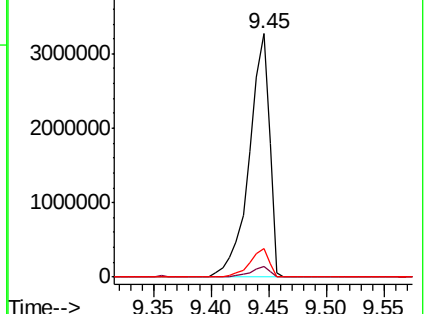
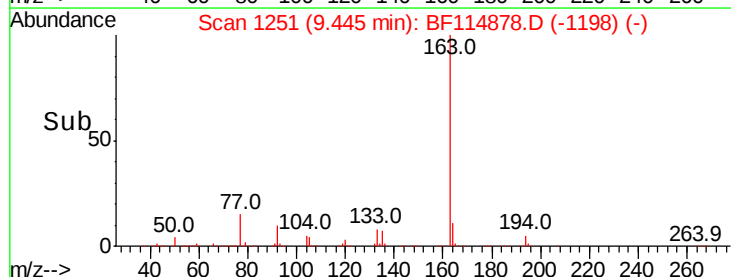
164 11.7 8.6 13.0

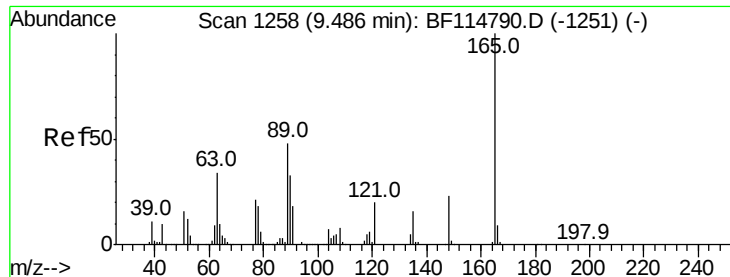


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

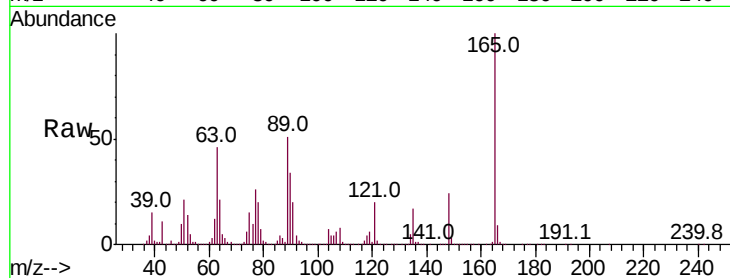




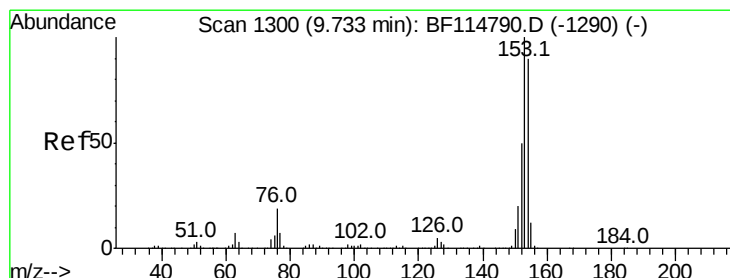
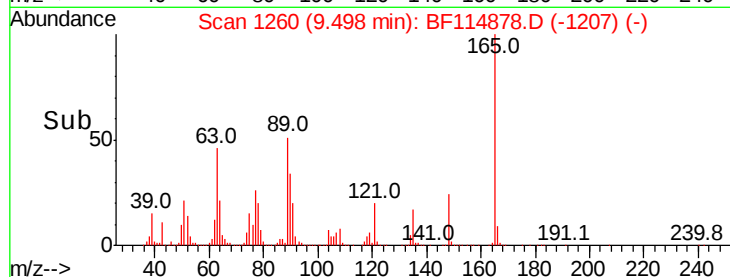
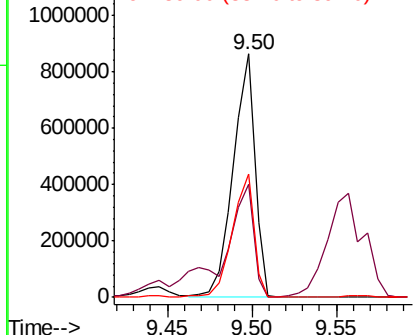
#51
 2,6-Dinitrotoluene
 Concen: 48.682 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMSD

Tot Ion:165 Resp: 774243
 Ion Ratio Lower Upper
 165 100
 63 46.2 35.1 52.7
 89 50.6 38.2 57.2

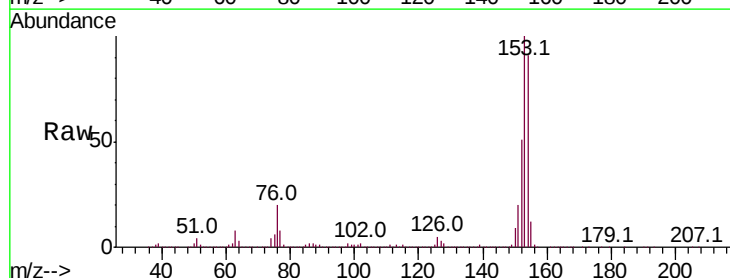


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

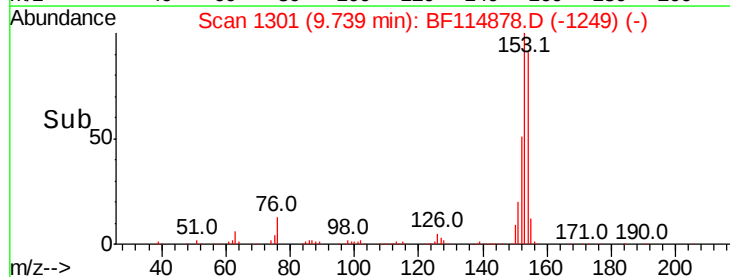
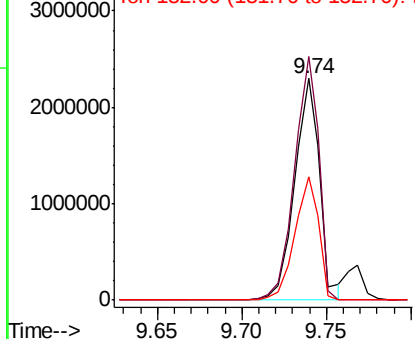


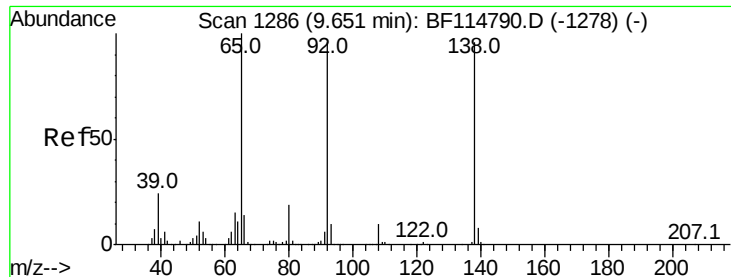
#52
 Acenaphthene
 Concen: 42.637 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

Tgt Ion:154 Resp: 2361859
 Ion Ratio Lower Upper
 154 100
 153 110.0 88.5 132.7
 152 55.7 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

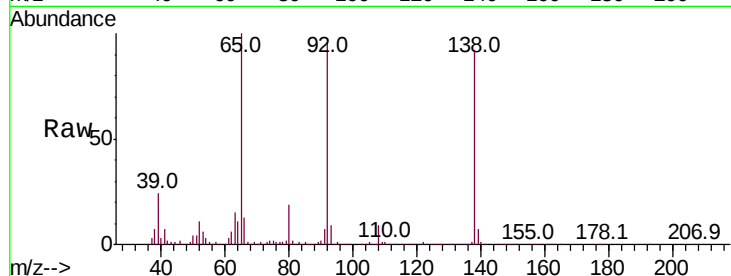




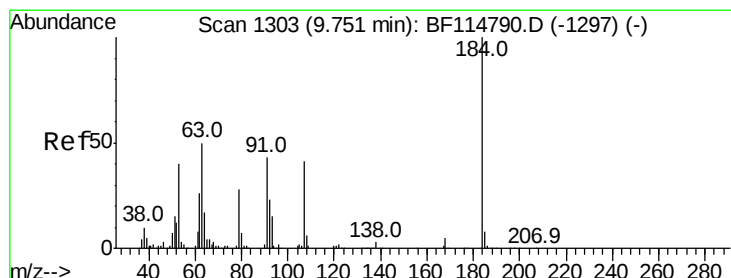
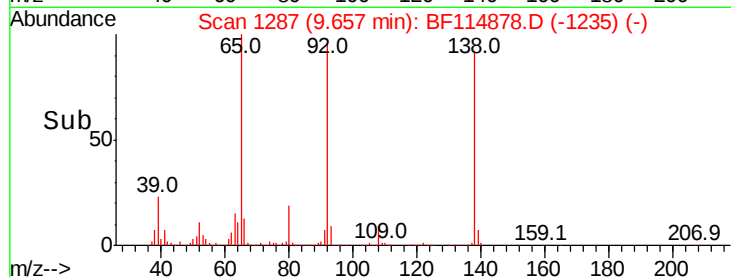
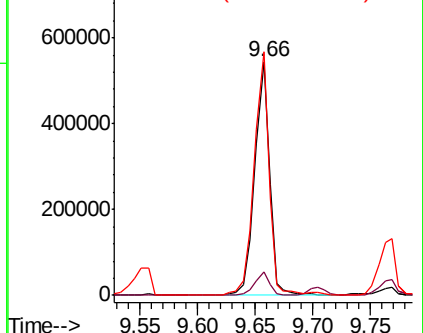
#53
3-Nitroaniline
Concen: 26.098 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMSD

Tot Ion:138 Resp: 484888
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 104.3 79.9 119.9

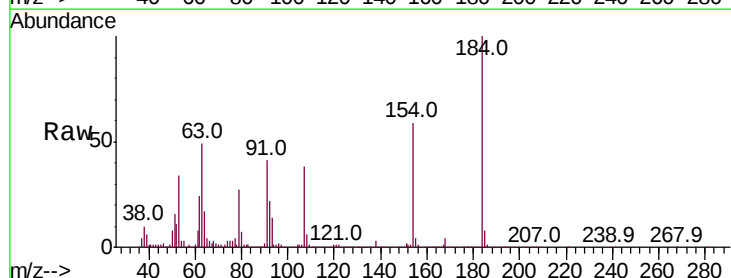


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

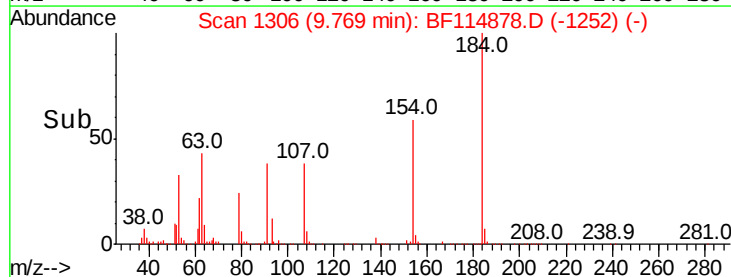
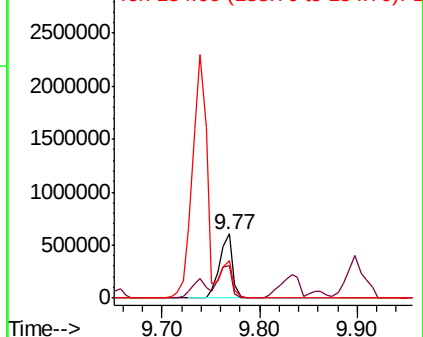


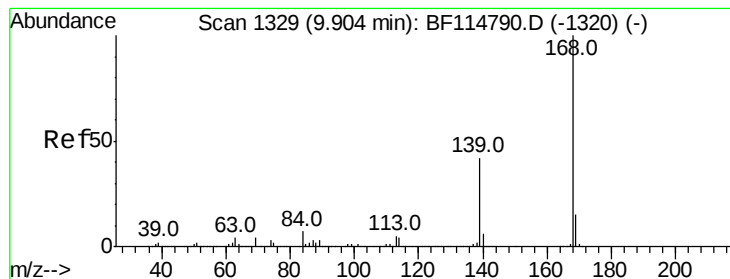
#54
2,4-Dinitrophenol
Concen: 79.607 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.02 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion:184 Resp: 572916
Ion Ratio Lower Upper
184 100
63 49.5 44.1 66.1
154 59.0 48.1 72.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 42.142 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

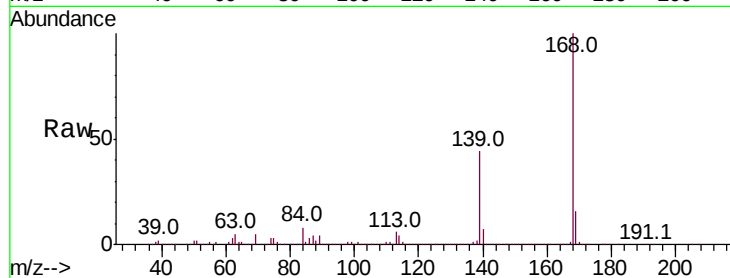
Tot Ion:168 Resp: 3246122

Ion Ratio Lower Upper

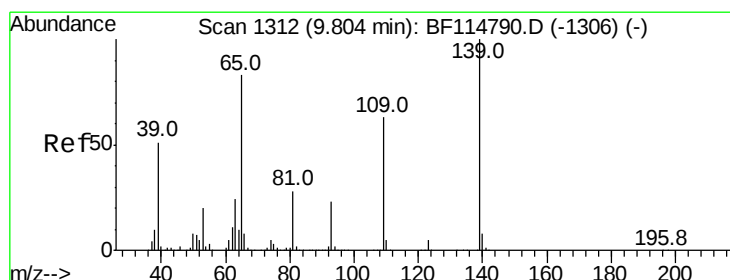
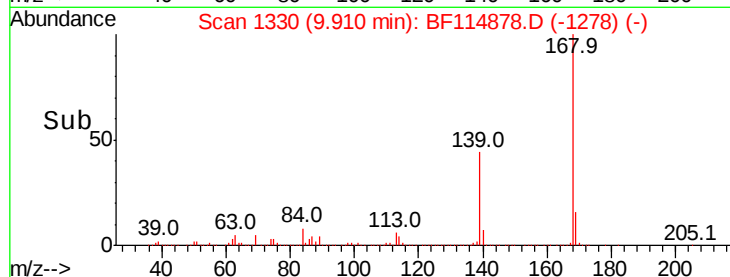
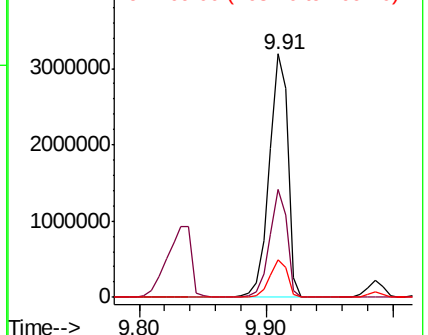
168 100

139 44.4 33.8 50.6

169 15.5 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 92.532 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.04 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

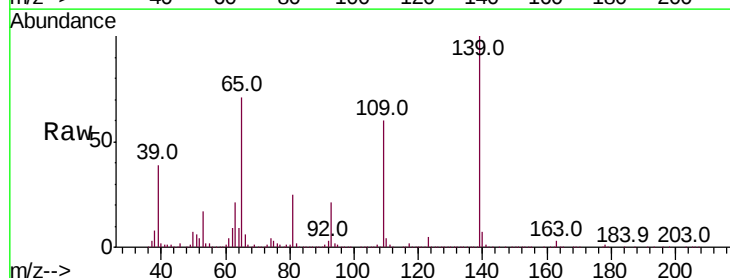
Tgt Ion:139 Resp: 1259729

Ion Ratio Lower Upper

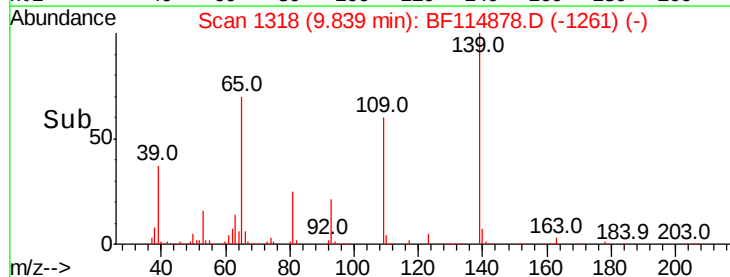
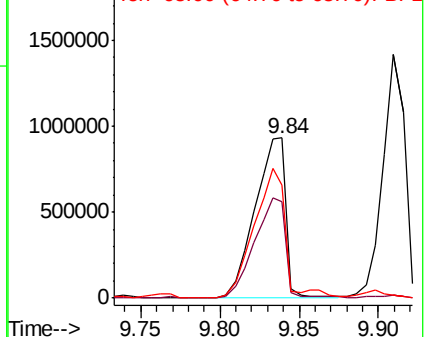
139 100

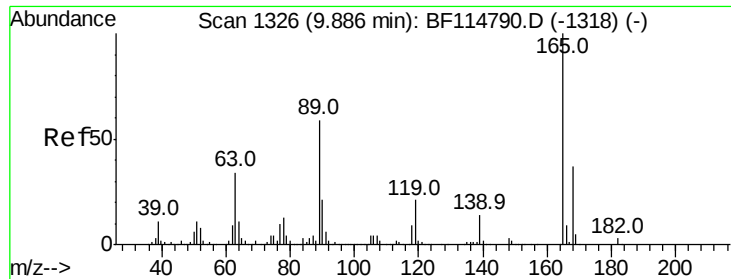
109 60.1 43.5 83.5

65 71.0 63.2 103.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

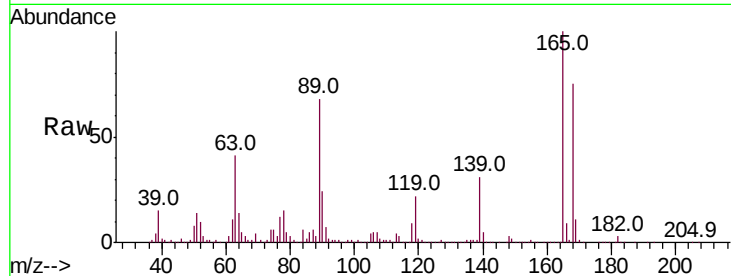




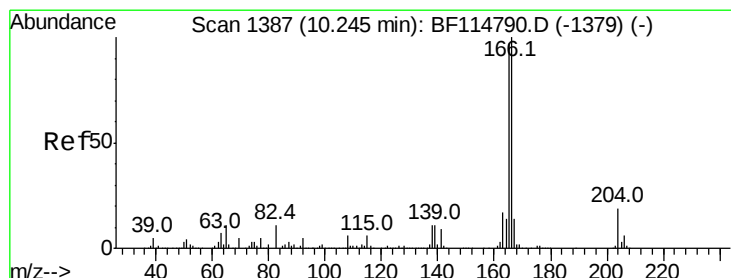
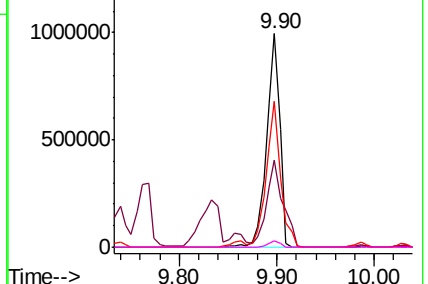
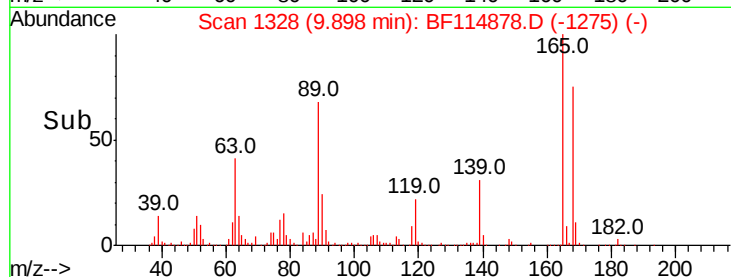
#57
2,4-Dinitrotoluene
Concen: 47.667 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.9	27.0	40.4#
89	68.1	47.0	70.6
182	2.7	2.2	3.2

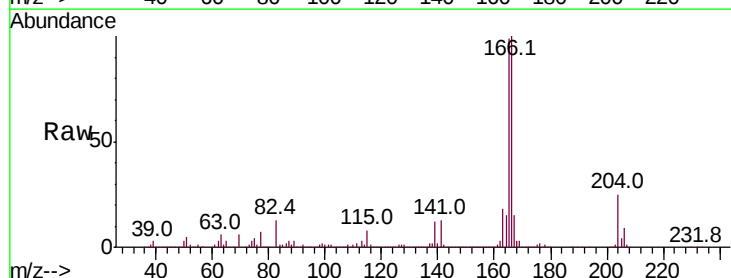


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

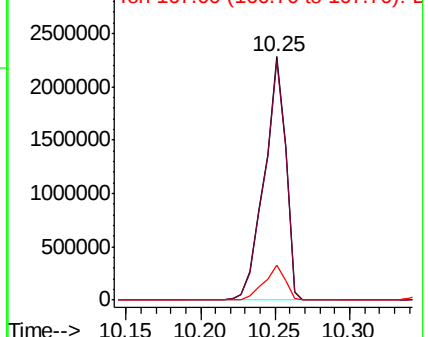
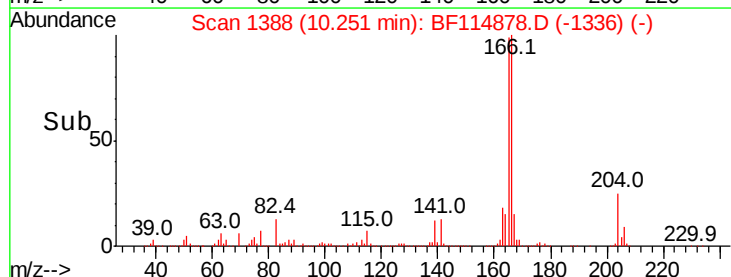


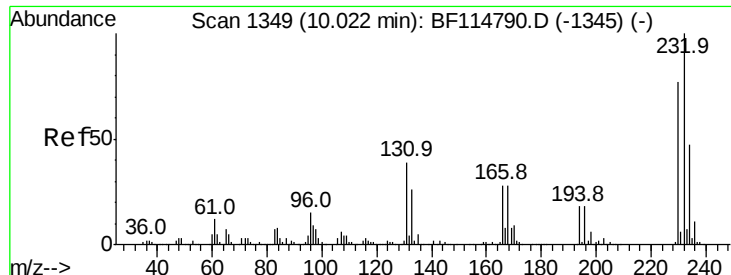
#58
Fluorene
Concen: 45.523 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.9	116.9
167	14.6	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

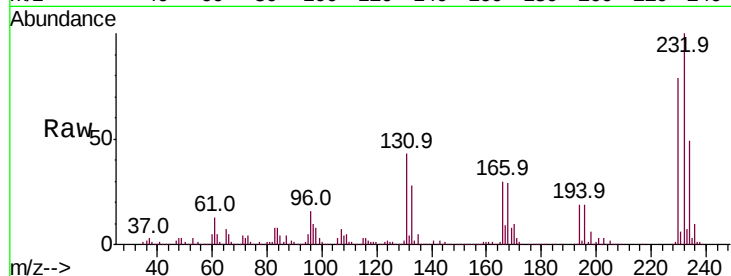




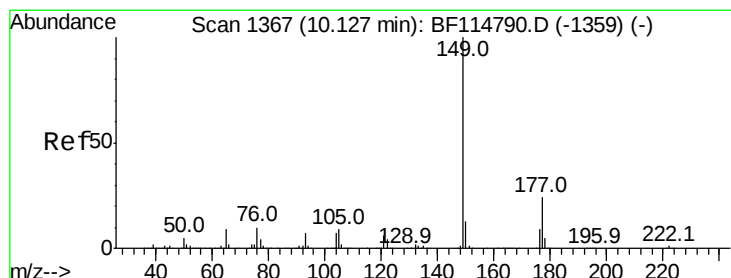
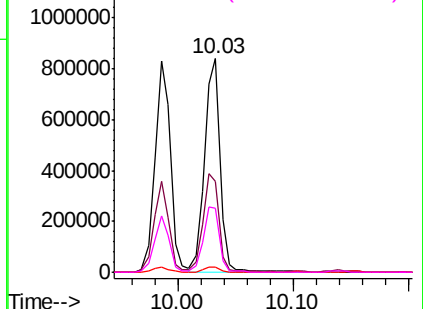
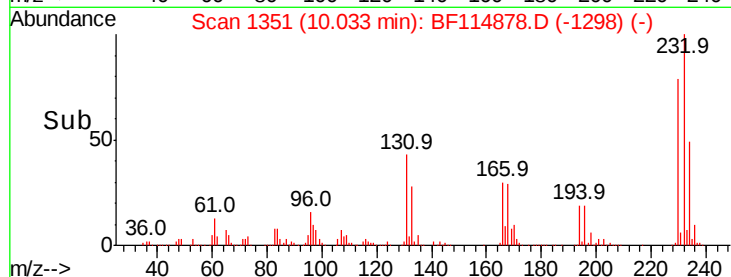
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.140 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMSD

Tot Ion:232 Resp: 789923
 Ion Ratio Lower Upper
 232 100
 131 47.0 36.8 55.2
 130 2.4 1.8 2.6
 166 31.8 24.6 37.0

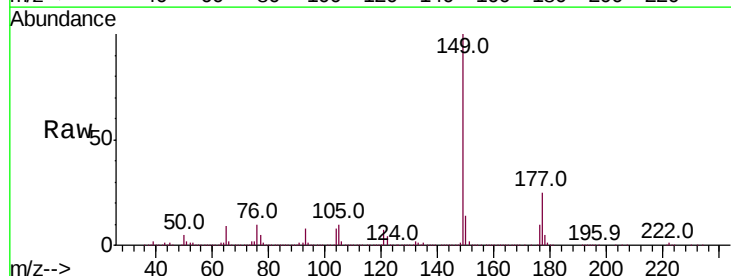


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

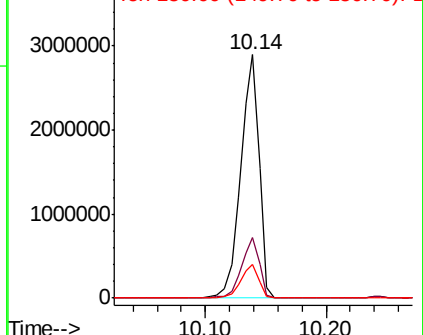
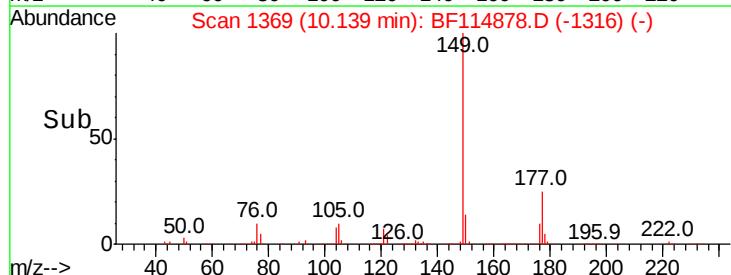


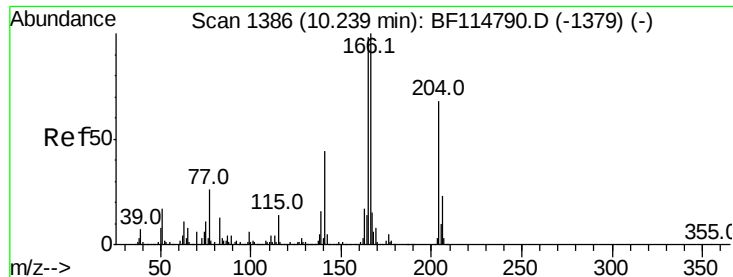
#60
 Diethylphthalate
 Concen: 45.148 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

Tgt Ion:149 Resp: 3063702
 Ion Ratio Lower Upper
 149 100
 177 24.7 19.3 28.9
 150 14.1 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

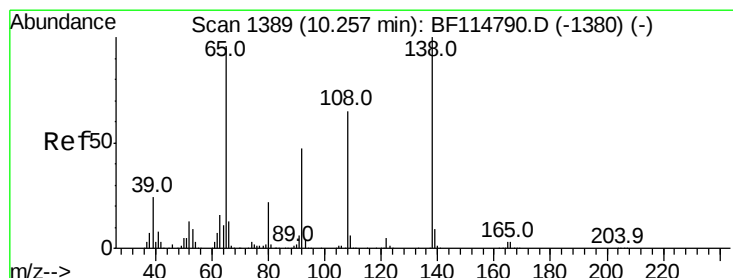
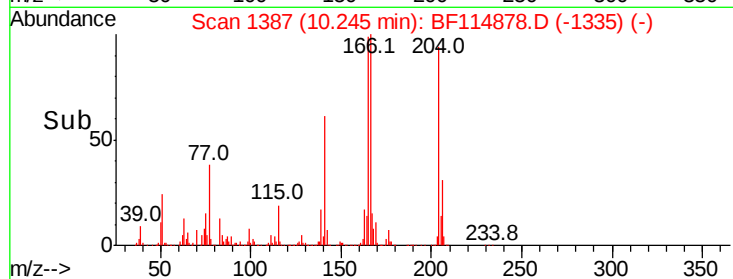
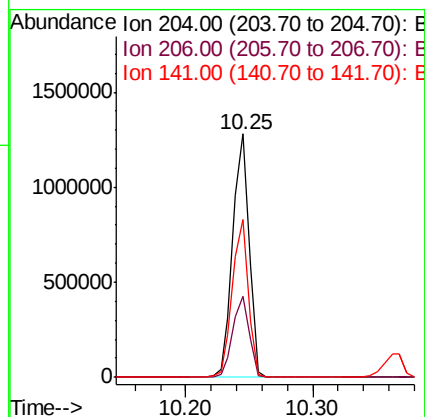
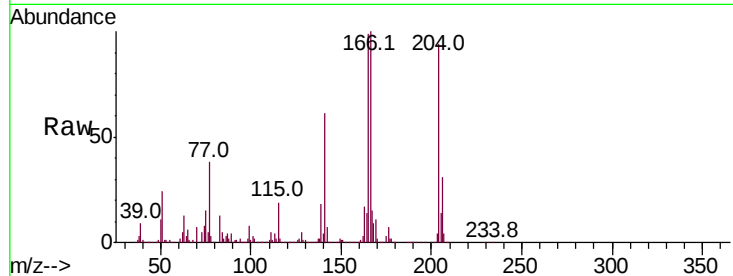




#61
4-Chlorophenyl-phenylether
Concen: 38.621 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

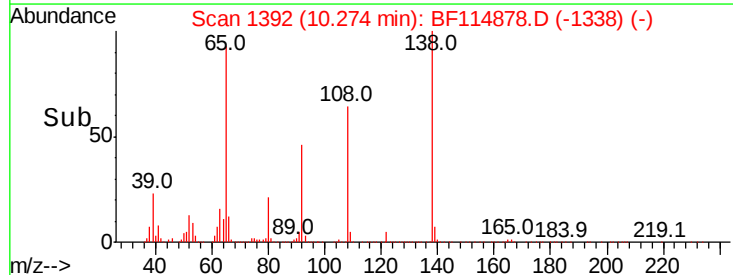
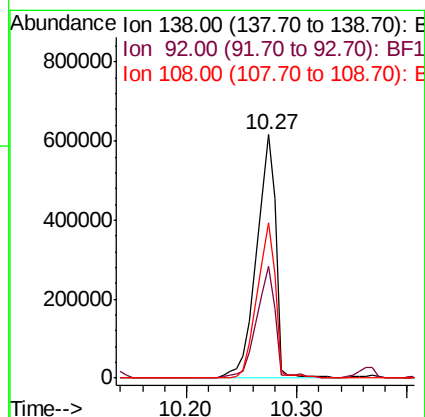
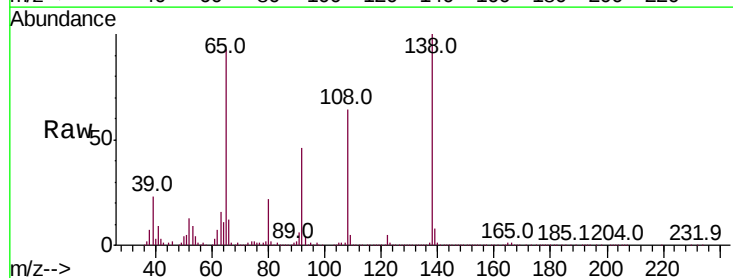
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMSD

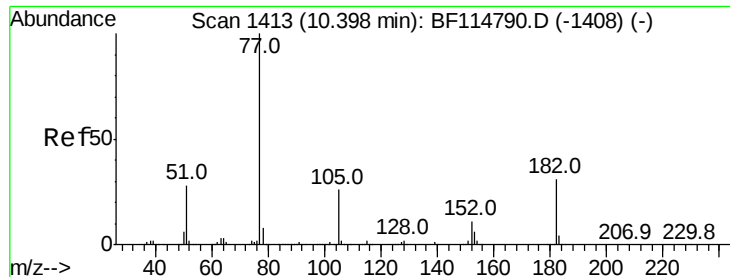
Tot Ion:204 Resp: 1139421
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 64.9 51.0 76.4



#62
4-Nitroaniline
Concen: 41.863 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion:138 Resp: 754378
Ion Ratio Lower Upper
138 100
92 46.0 26.5 66.5
108 63.7 45.4 85.4

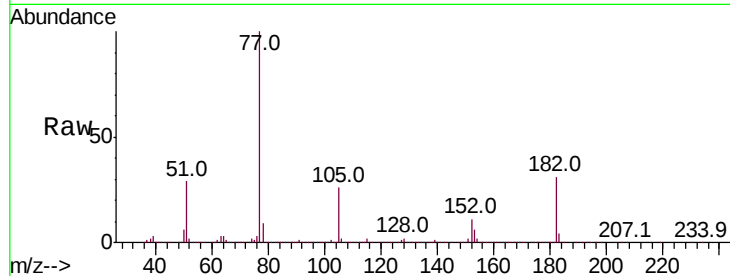




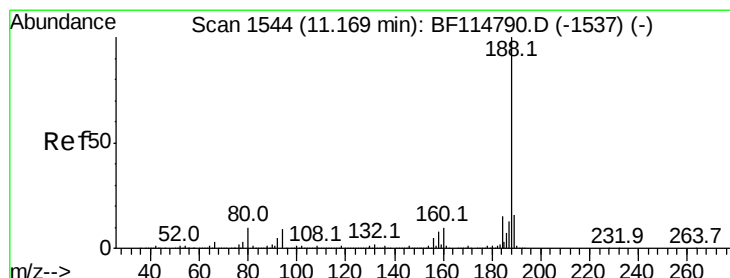
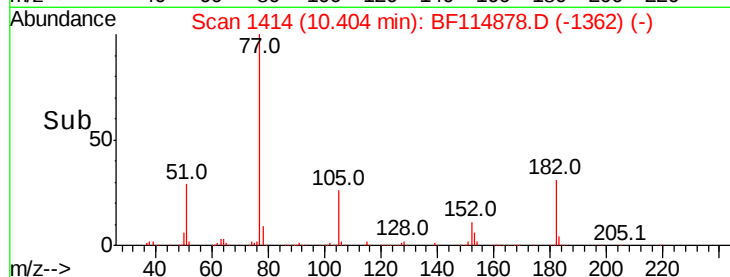
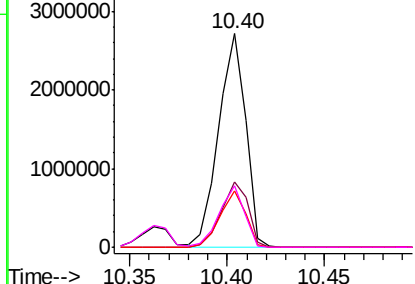
#63
Azobenzene
Concen: 45.107 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMSD

Tot Ion: 77 Resp: 2605518
Ion Ratio Lower Upper
77 100
182 30.5 11.2 51.2
105 26.2 5.7 45.7
51 29.0 8.0 48.0

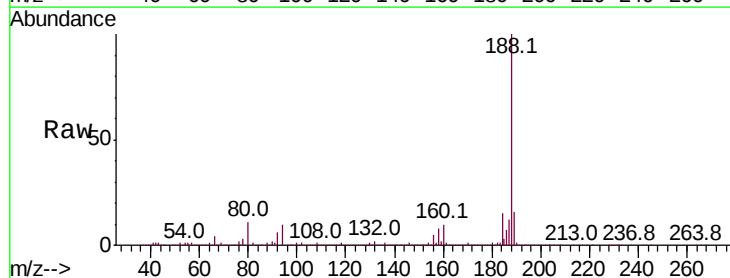


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

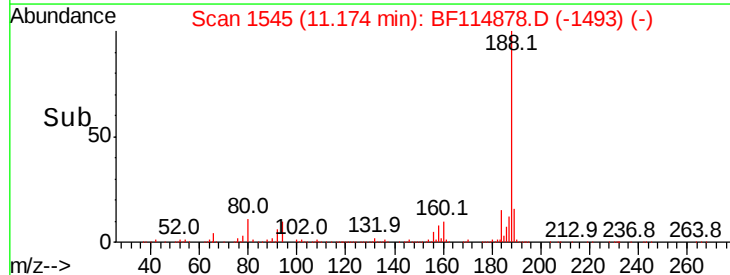
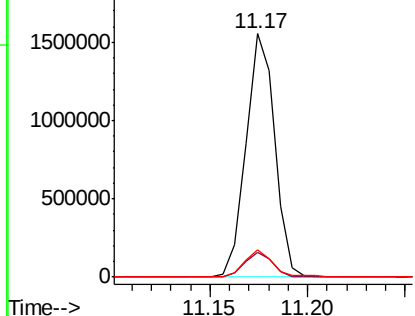


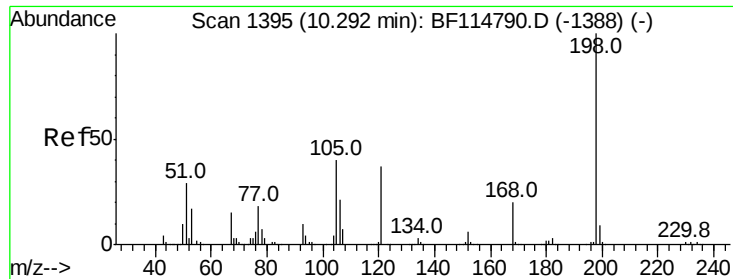
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion: 188 Resp: 1582417
Ion Ratio Lower Upper
188 100
94 10.0 7.6 11.4
80 11.0 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

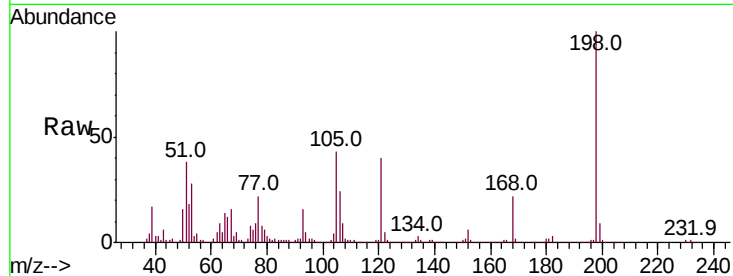




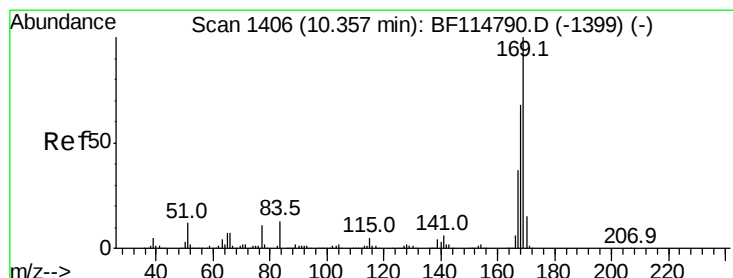
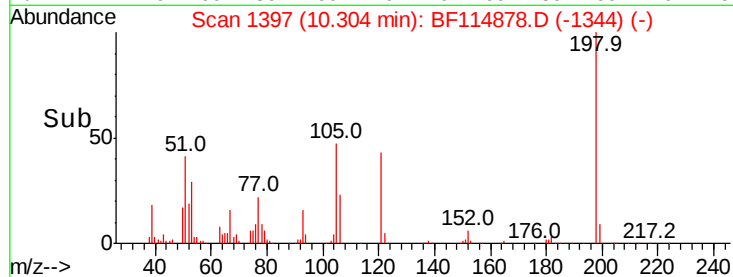
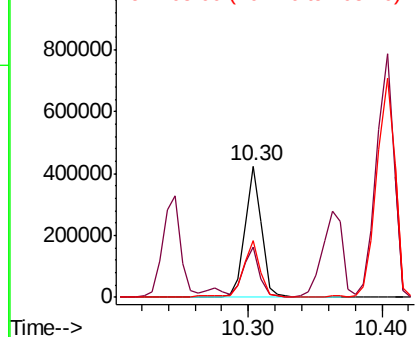
#65
4,6-Dinitro-2-methylphenol
Concen: 44.422 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMSD

Tot Ion:198 Resp: 365143
Ion Ratio Lower Upper
198 100
51 38.1 14.9 54.9
105 43.1 21.0 61.0

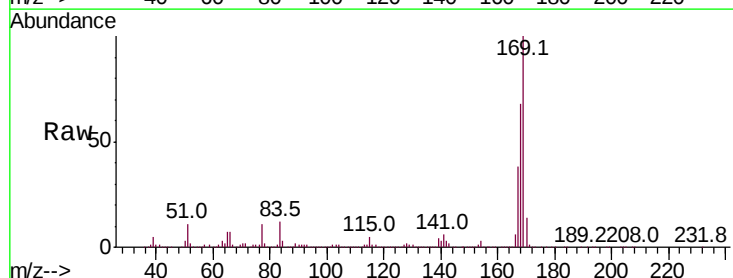


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

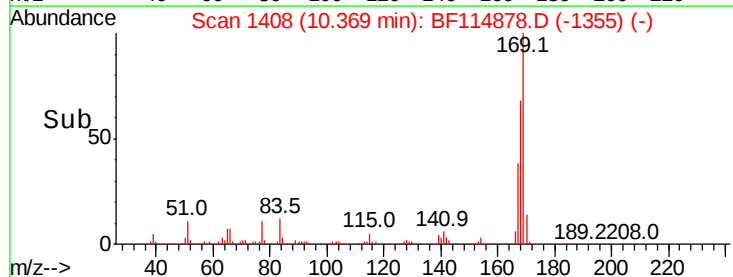
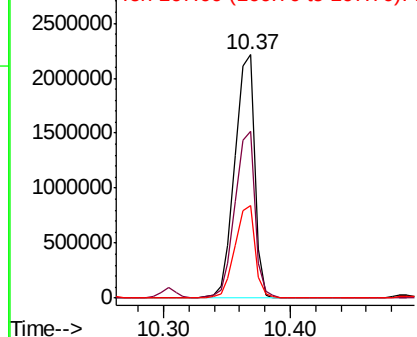


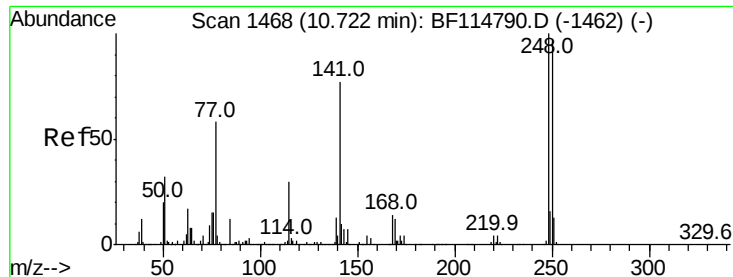
#66
n-Nitrosodiphenylamine
Concen: 49.684 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion:169 Resp: 2377362
Ion Ratio Lower Upper
169 100
168 68.3 54.3 81.5
167 37.8 29.9 44.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

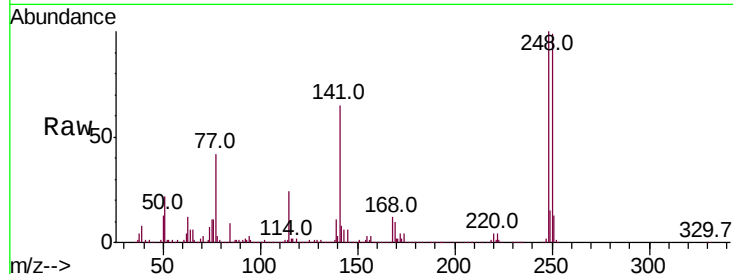




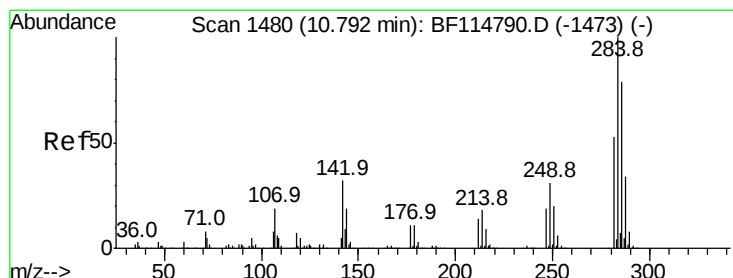
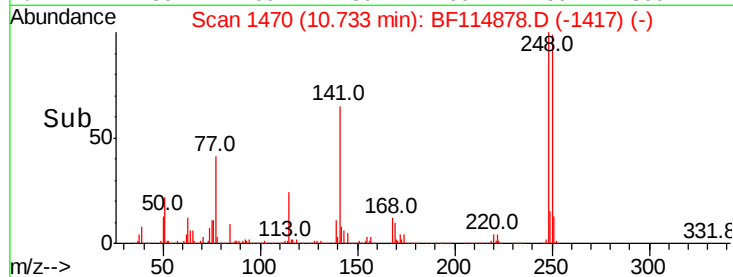
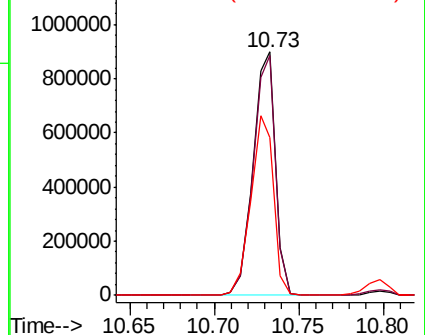
#67
4-Bromophenyl-phenylether
Concen: 46.822 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMSD

Tot Ion:248 Resp: 841492
Ion Ratio Lower Upper
248 100
250 98.6 77.5 116.3
141 64.8 61.8 92.8

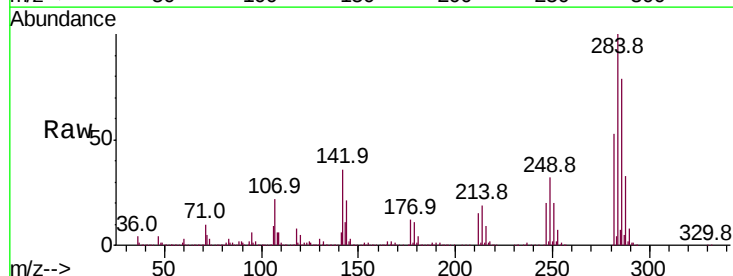


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

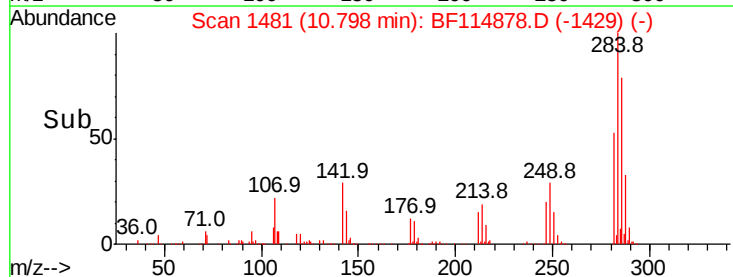
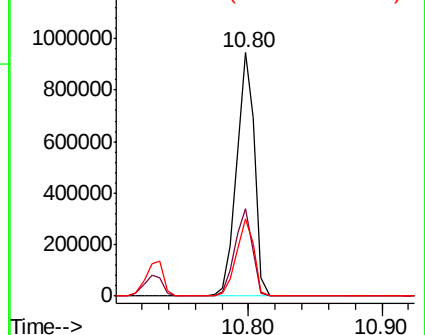


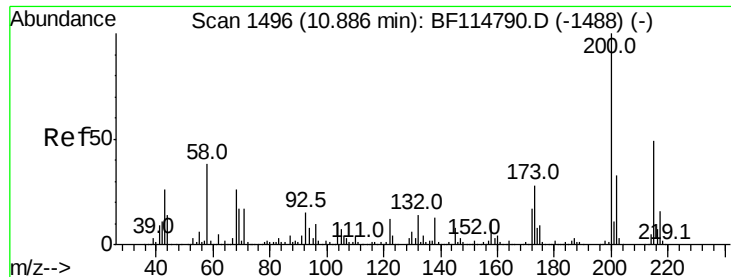
#68
Hexachlorobenzene
Concen: 45.113 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion:284 Resp: 887347
Ion Ratio Lower Upper
284 100
142 35.9 25.3 37.9
249 31.5 24.9 37.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

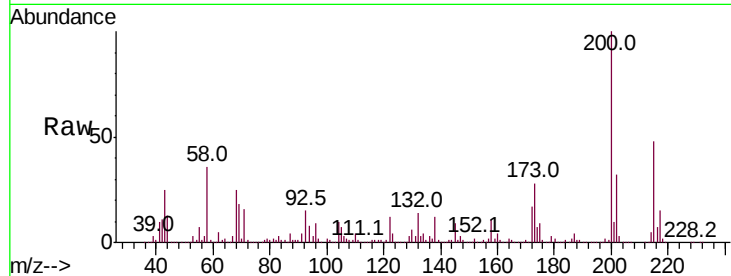




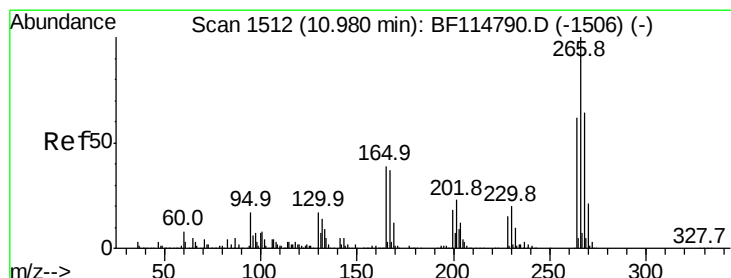
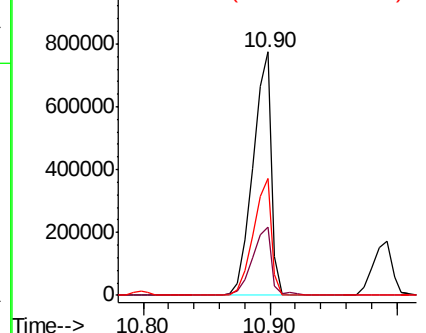
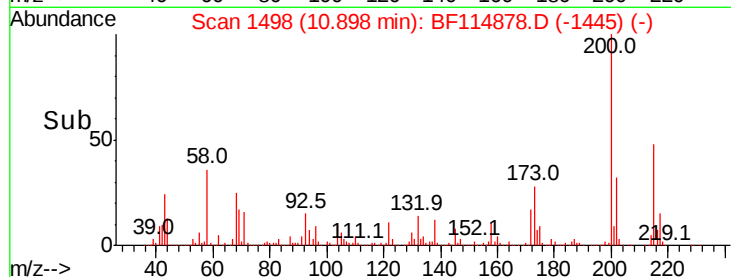
#69
 Atrazine
 Concen: 46.780 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	8.0	48.0
215	48.1	28.7	68.7

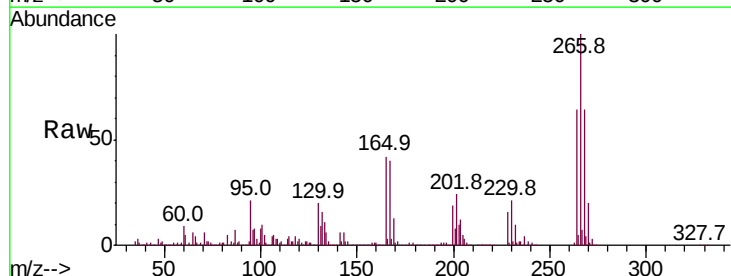


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

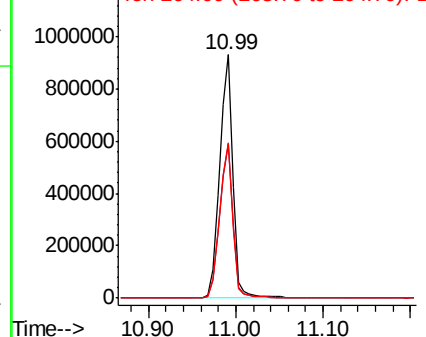
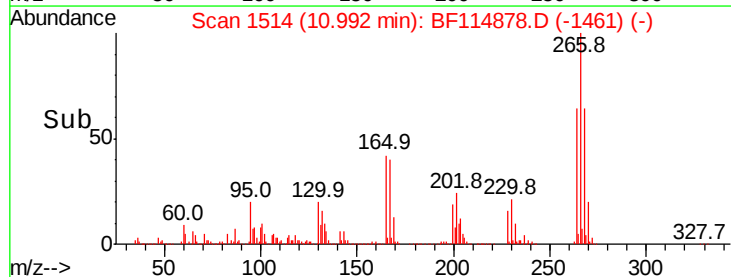


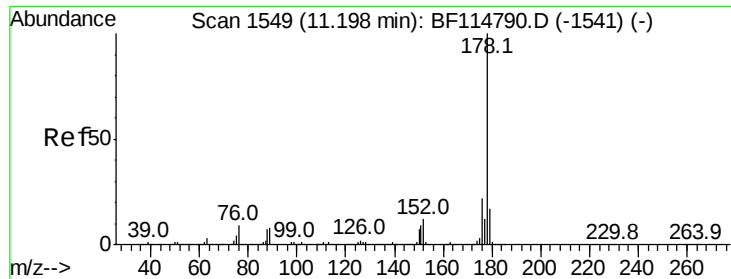
#70
 Pentachlorophenol
 Concen: 86.465 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.0	76.6
264	63.9	49.6	74.4



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

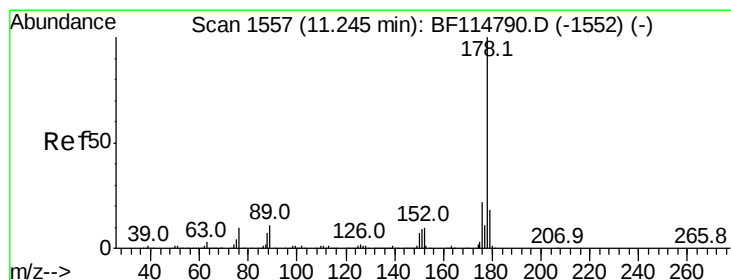
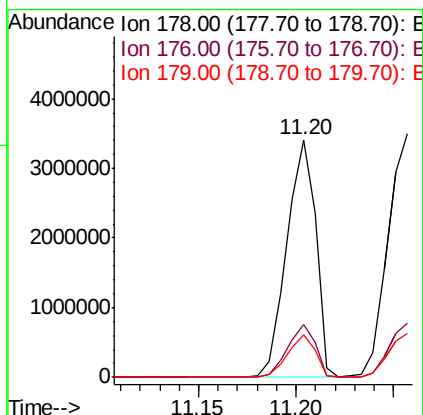
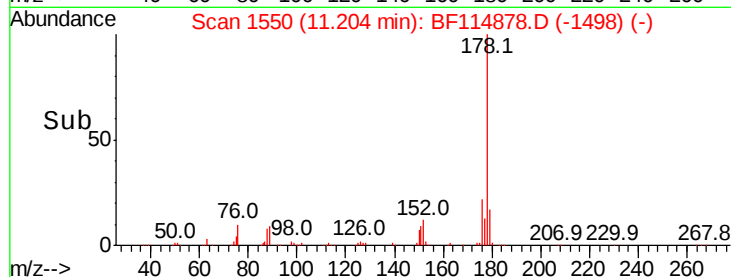
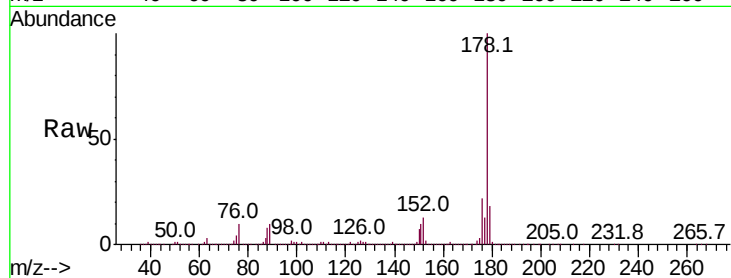




#71
Phenanthrene
Concen: 46.396 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

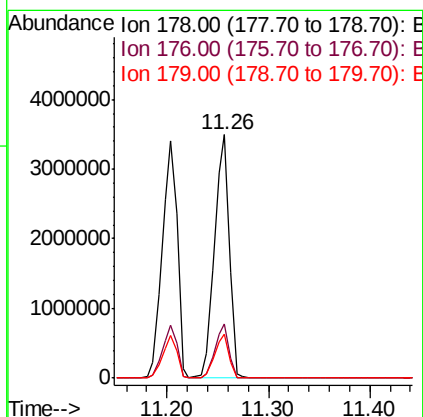
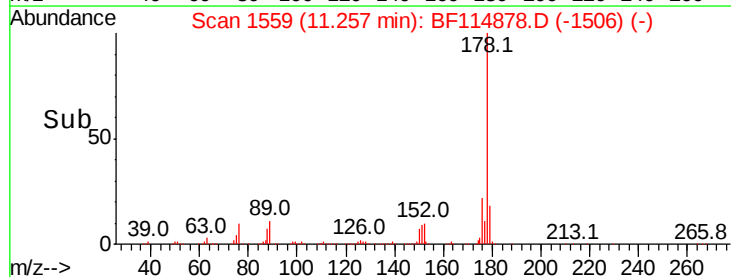
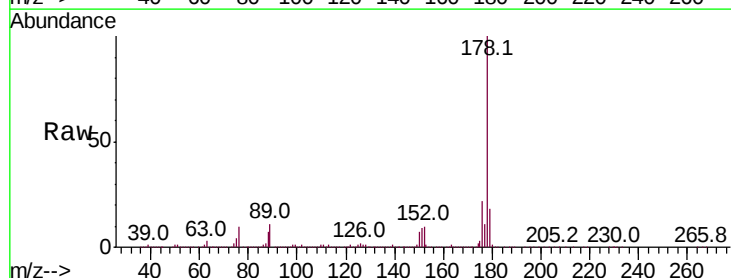
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMSD

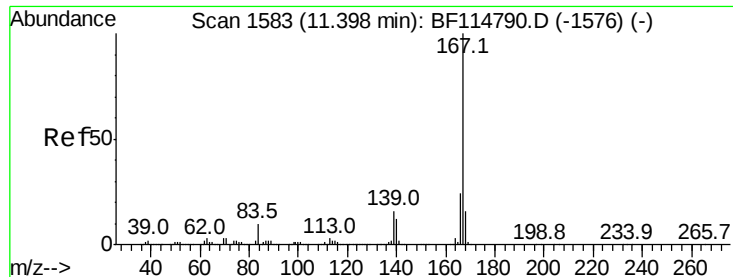
Tot Ion:178 Resp: 3504894
Ion Ratio Lower Upper
178 100
176 22.5 17.7 26.5
179 17.9 13.7 20.5



#72
Anthracene
Concen: 44.638 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion:178 Resp: 3548789
Ion Ratio Lower Upper
178 100
176 22.0 17.4 26.0
179 18.1 14.2 21.4

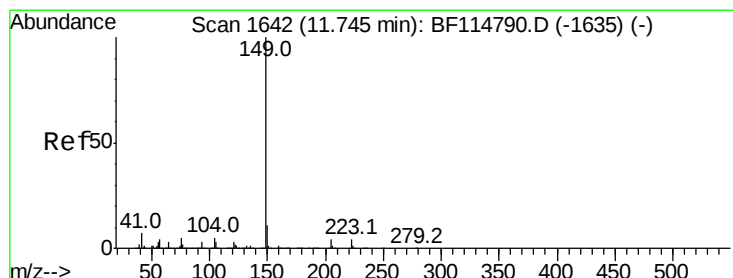
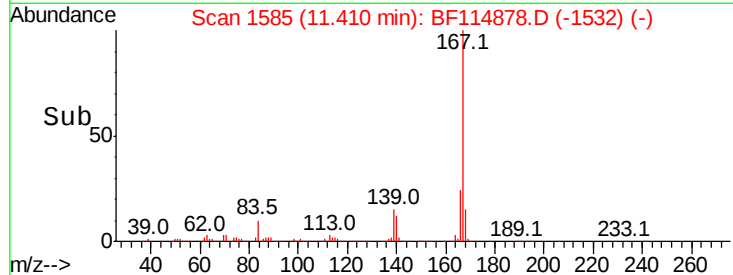
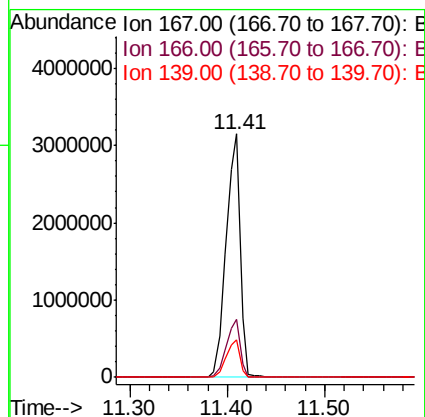
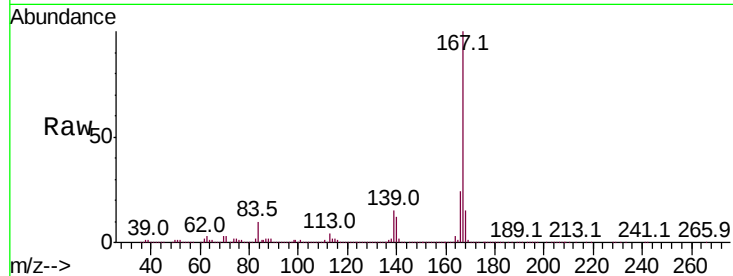




#73
 Carbazole
 Concen: 46.407 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

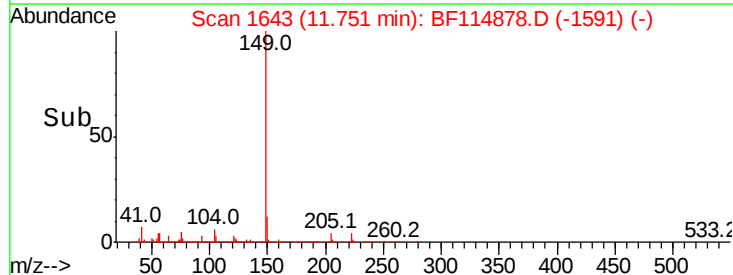
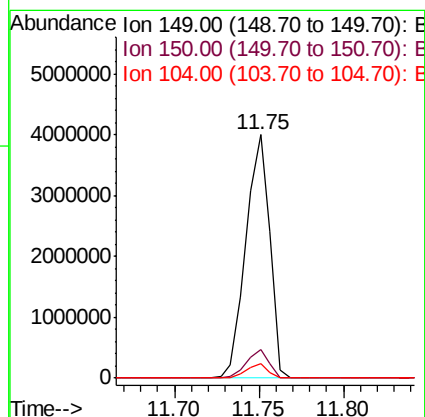
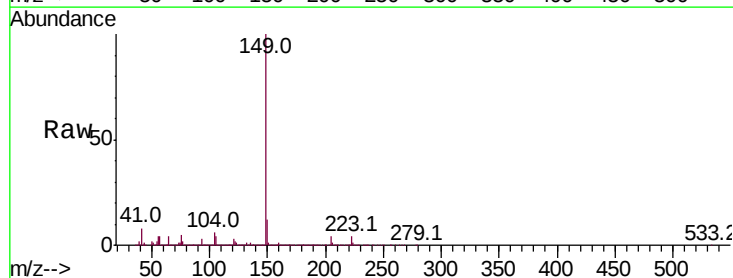
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMSD

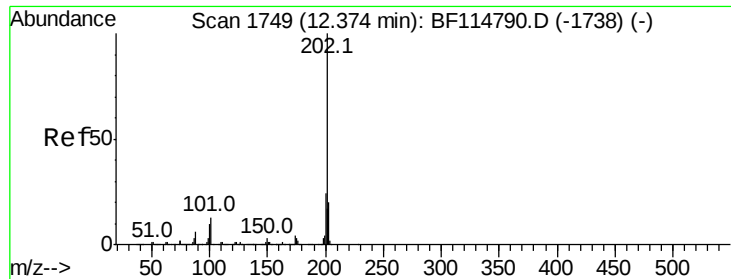
Tot Ion:167 Resp: 3162752
 Ion Ratio Lower Upper
 167 100
 166 24.0 19.1 28.7
 139 15.4 12.4 18.6



#74
 Di-n-butylphthalate
 Concen: 44.101 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

Tgt Ion:149 Resp: 3953186
 Ion Ratio Lower Upper
 149 100
 150 11.7 8.9 13.3
 104 5.9 4.3 6.5





#75

Fluoranthene

Concen: 43.111 ng

RT: 12.38 min Scan# 1750

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

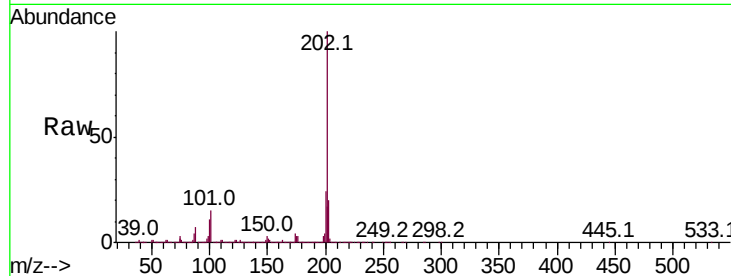
Tot Ion:202 Resp: 3389604

Ion Ratio Lower Upper

202 100

101 14.6 0.0 32.8

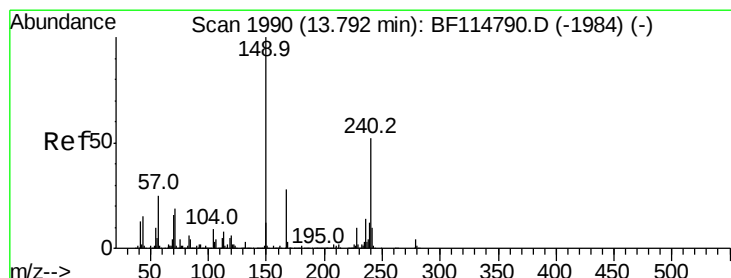
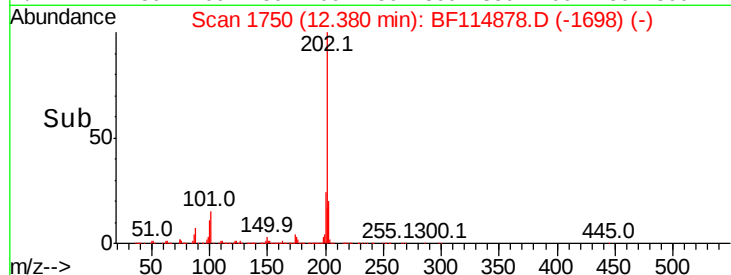
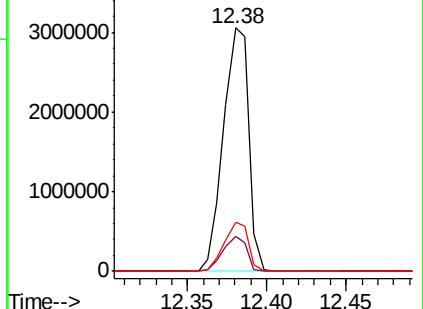
203 20.0 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

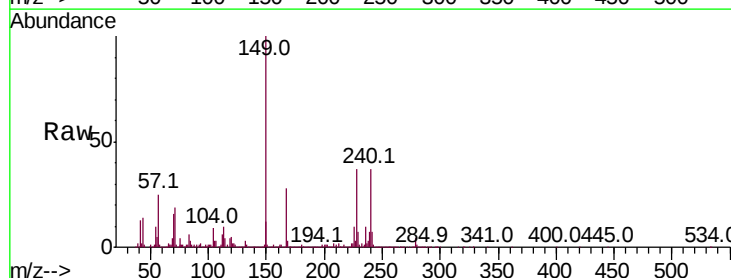
Tgt Ion:240 Resp: 682445

Ion Ratio Lower Upper

240 100

120 12.6 9.0 13.4

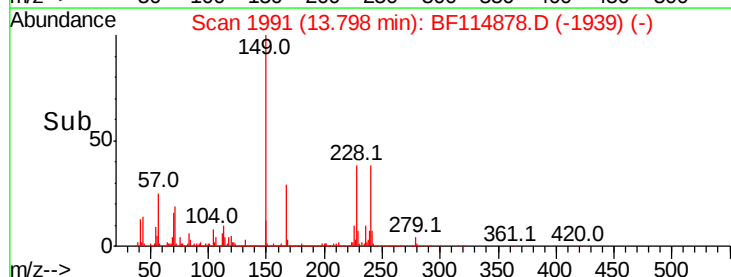
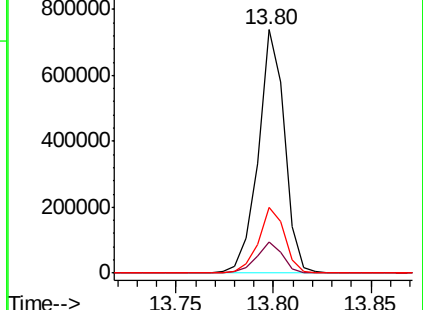
236 27.0 21.4 32.0

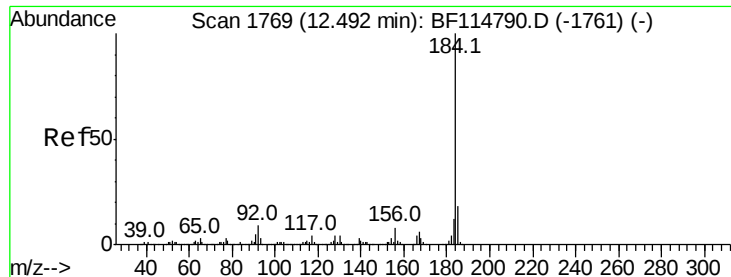


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.340 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

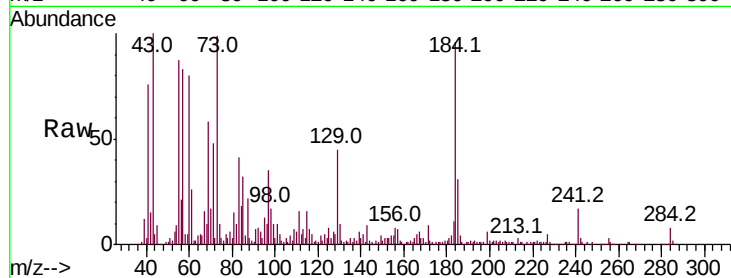
Tot Ion:184 Resp: 112852

Ion Ratio Lower Upper

184 100

185 32.7 14.1 21.1#

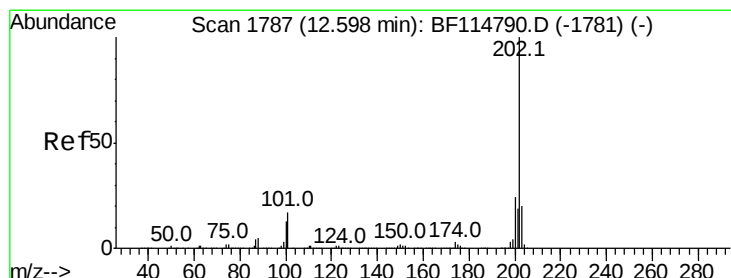
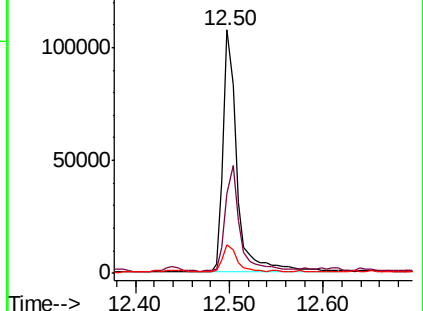
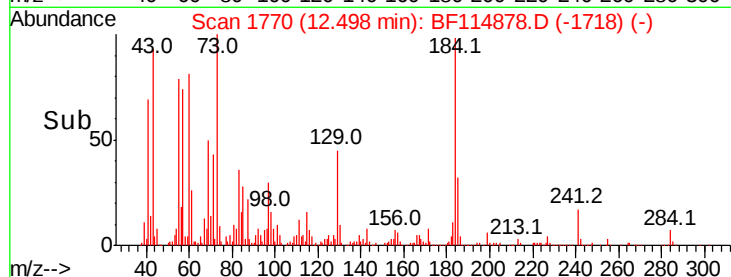
183 11.9 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 55.750 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

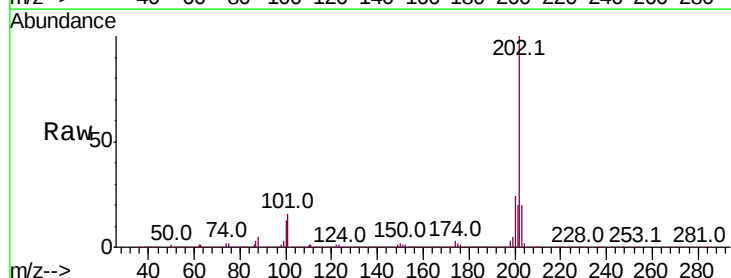
Tgt Ion:202 Resp: 3300565

Ion Ratio Lower Upper

202 100

200 24.5 19.2 28.8

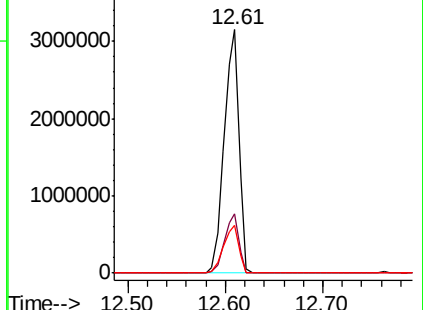
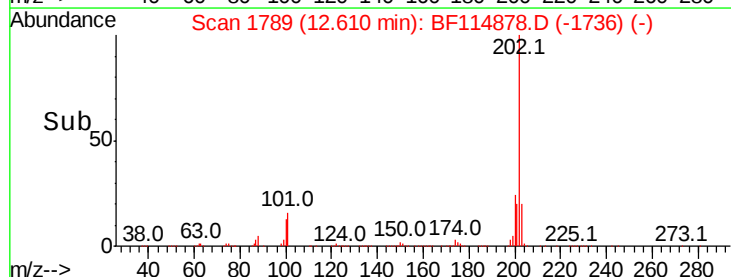
203 19.7 15.9 23.9

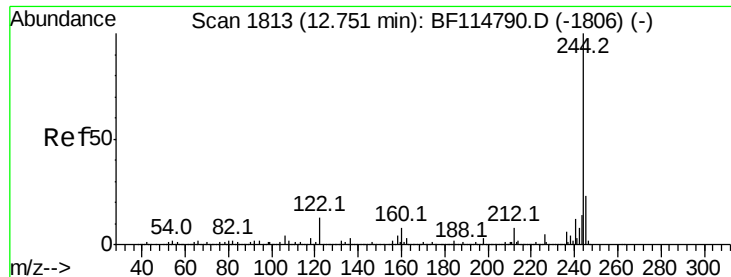


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 113.465 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

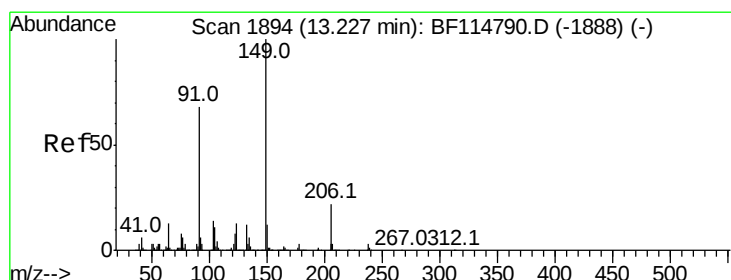
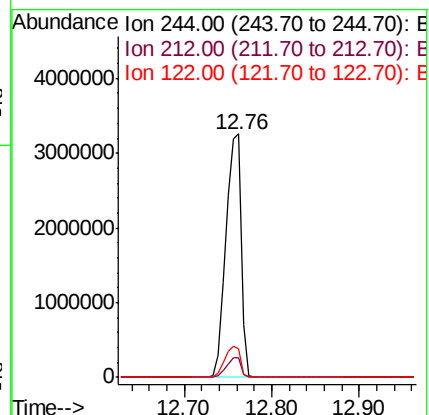
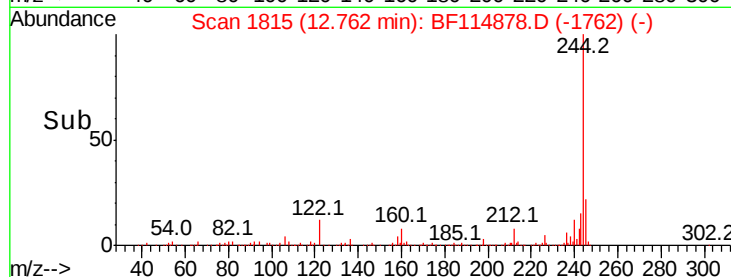
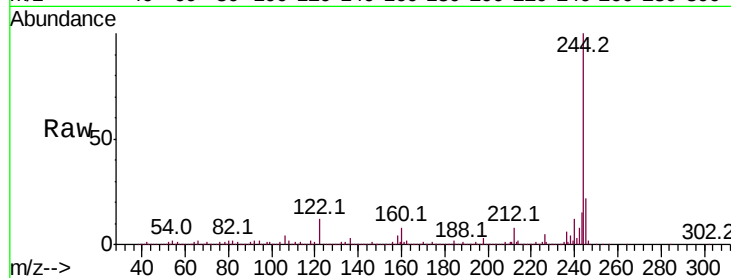
Tot Ion:244 Resp: 3981660

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 11.8 10.5 15.7



#80

Butylbenzylphthalate

Concen: 59.247 ng

RT: 13.23 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

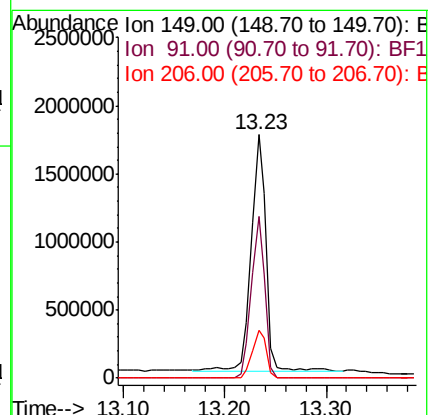
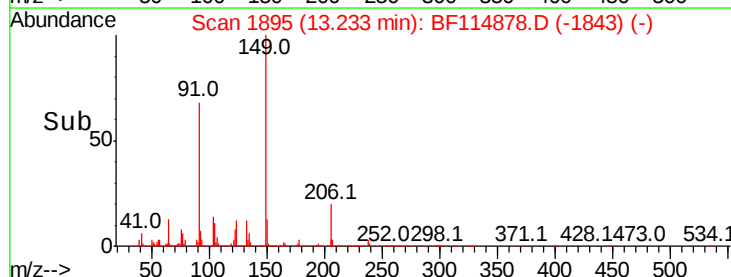
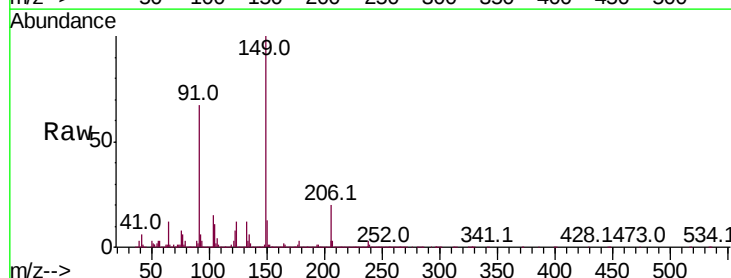
Tgt Ion:149 Resp: 1771241

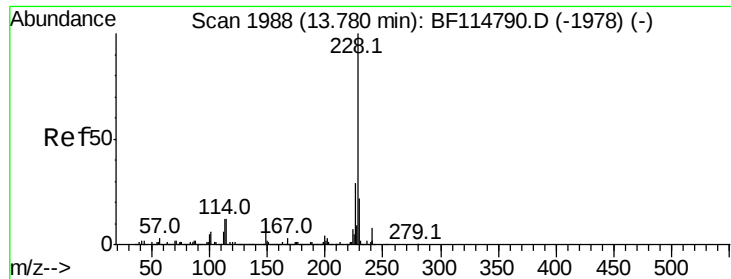
Ion Ratio Lower Upper

149 100

91 66.6 54.6 82.0

206 19.8 17.2 25.8





#81

Benzo(a)anthracene

Concen: 48.533 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

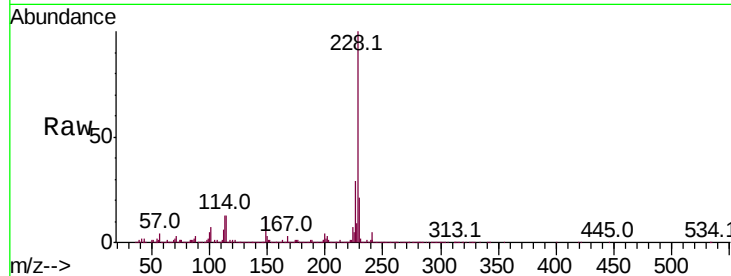
Tot Ion:228 Resp: 2552322

Ion Ratio Lower Upper

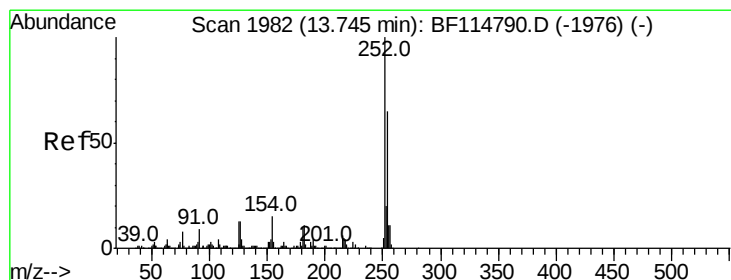
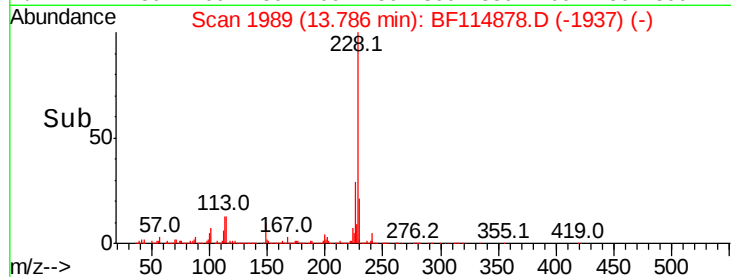
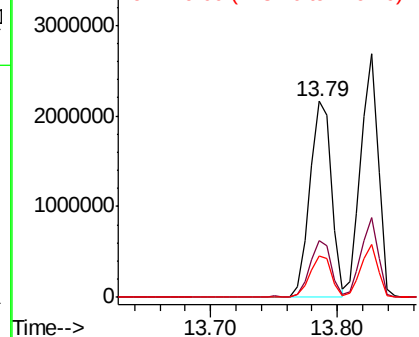
228 100

226 29.2 23.4 35.2

229 21.3 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.001 ng

RT: 13.75 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

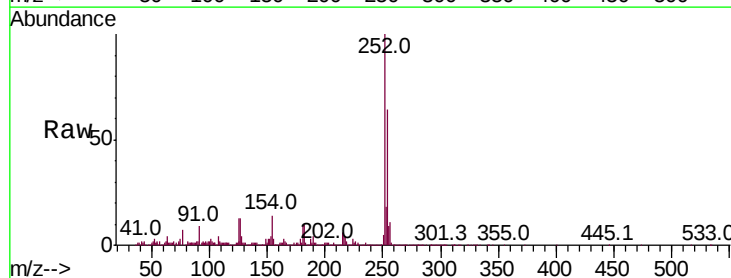
Tgt Ion:252 Resp: 661084

Ion Ratio Lower Upper

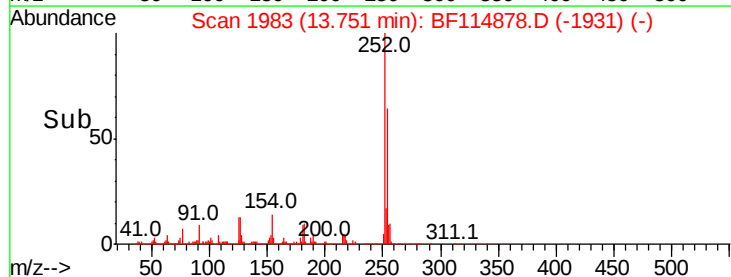
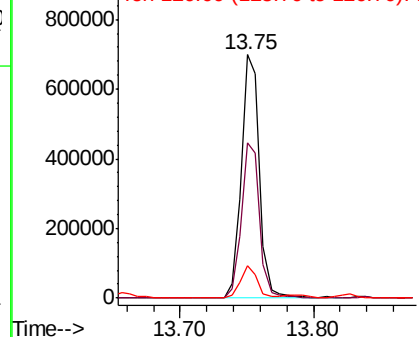
252 100

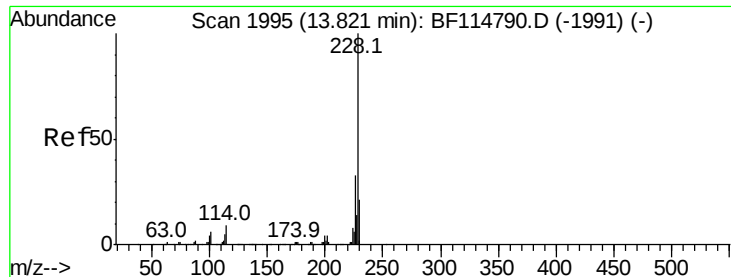
254 63.6 51.9 77.9

126 13.1 10.5 15.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.964 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

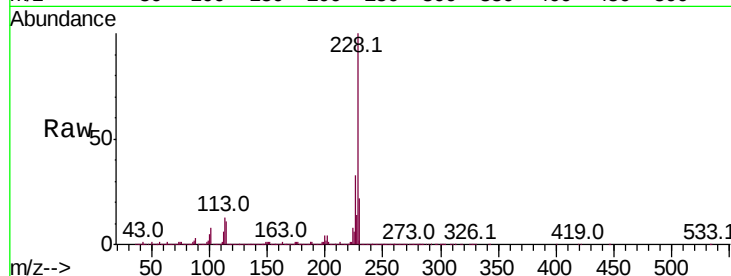
BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

Tot Ion:228 Resp: 2556085

Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.0	39.0
229	21.8	17.1	25.7

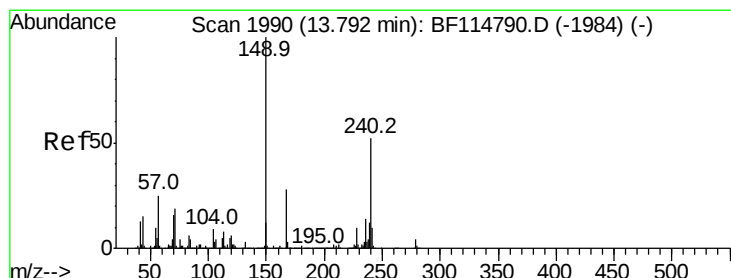
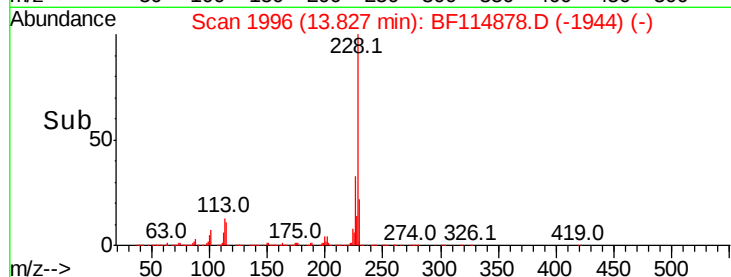
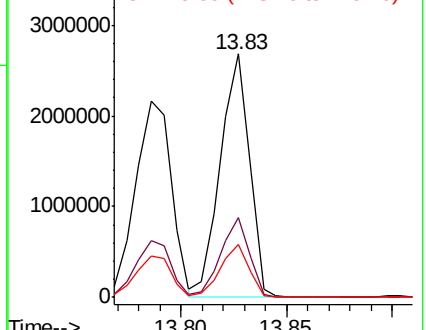


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.354 ng

RT: 13.80 min Scan# 1991

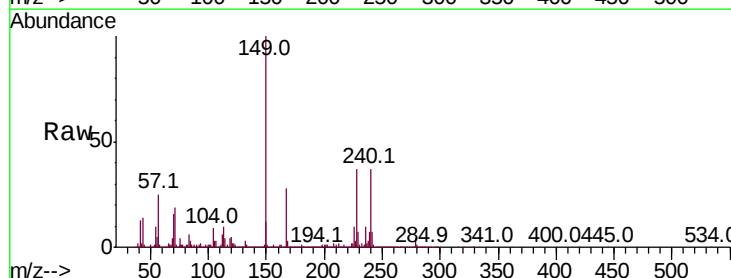
Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Tgt Ion:149 Resp: 1979168

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.7	34.1
279	3.7	3.1	4.7

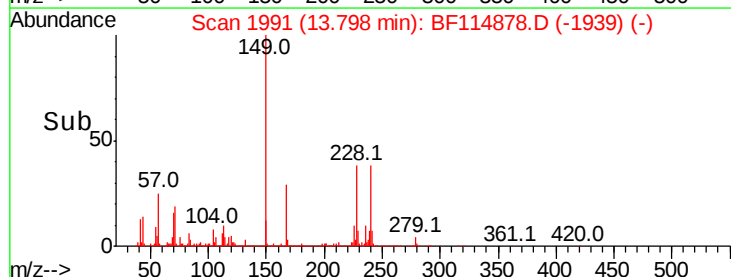
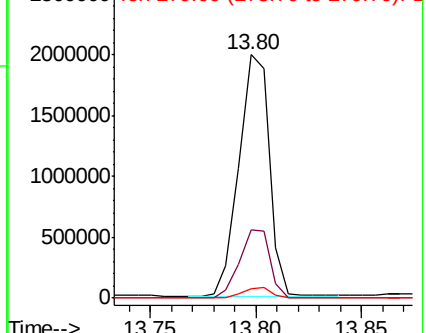


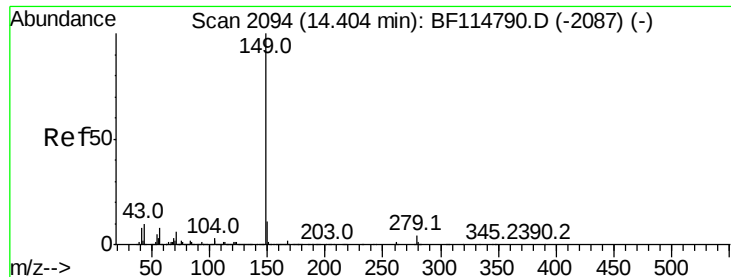
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.621 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

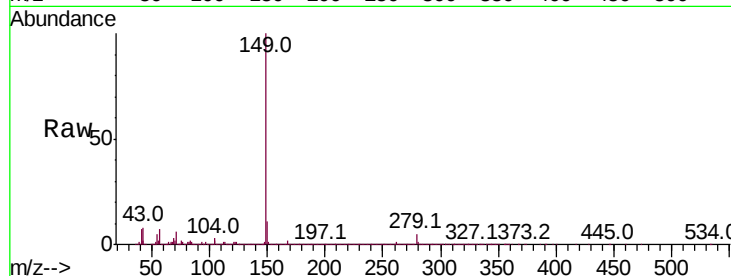
Tot Ion:149 Resp: 3380073

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

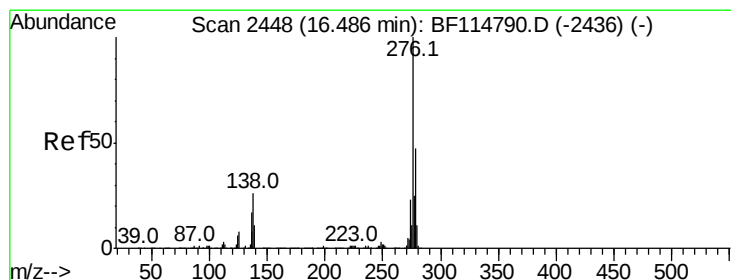
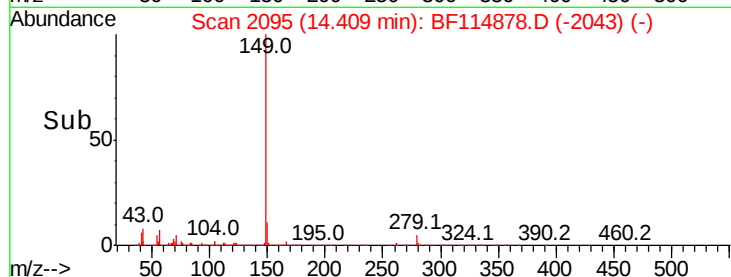
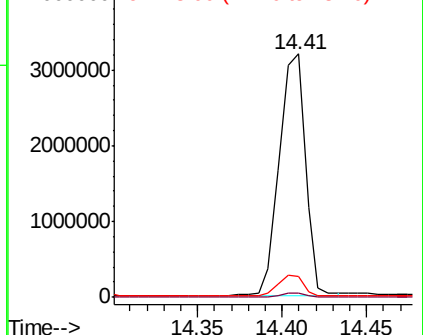
43 8.3 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.188 ng

RT: 16.50 min Scan# 2451

Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

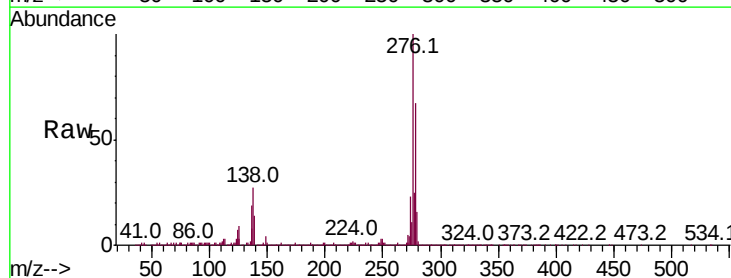
Tgt Ion:276 Resp: 2579349

Ion Ratio Lower Upper

276 100

138 28.3 22.2 33.4

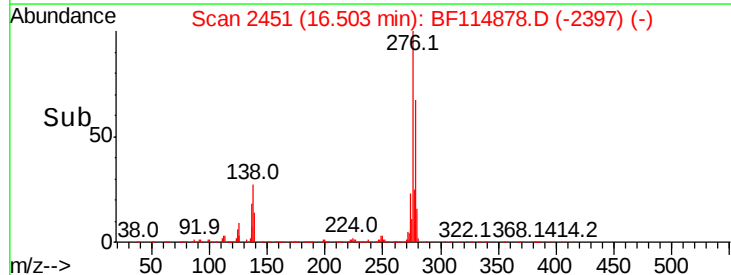
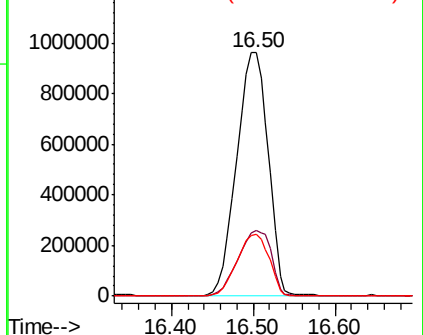
277 25.7 20.6 30.8

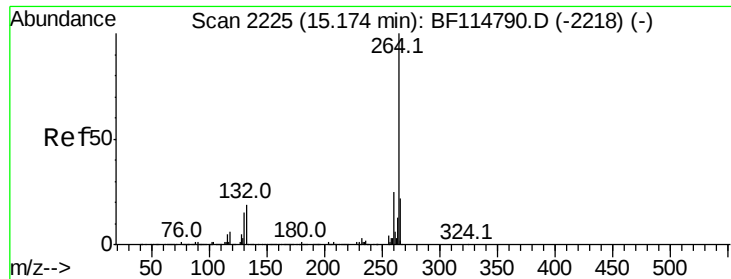


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.18 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

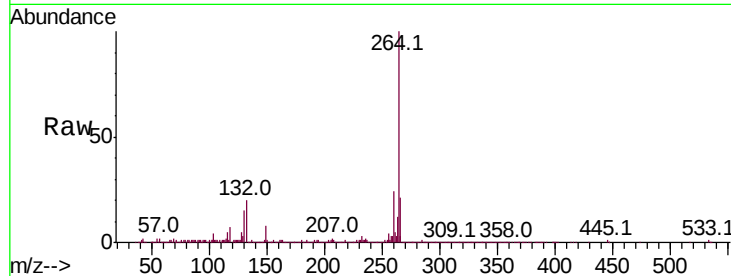
Tot Ion:264 Resp: 934951

Ion Ratio Lower Upper

264 100

260 24.5 20.1 30.1

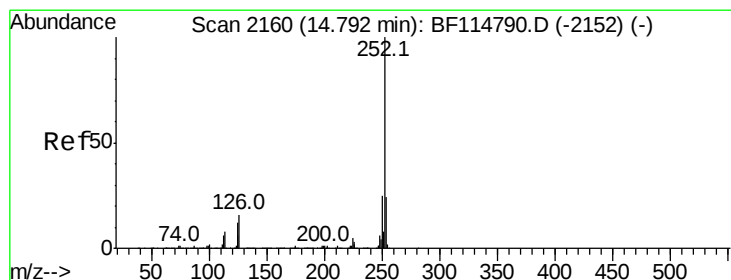
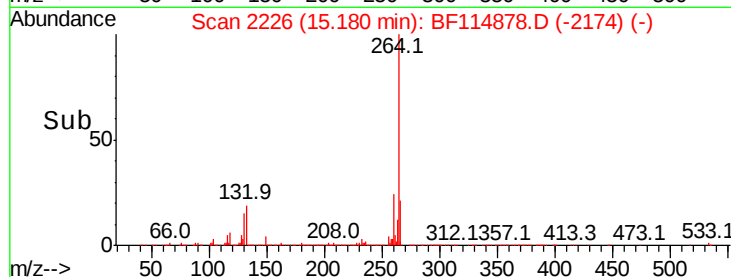
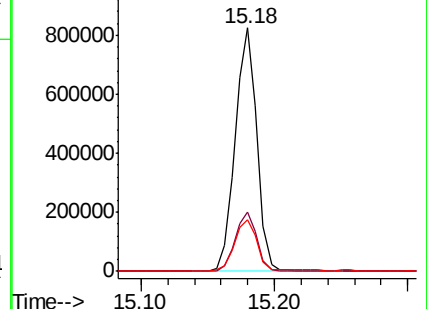
265 21.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.728 ng

RT: 14.80 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

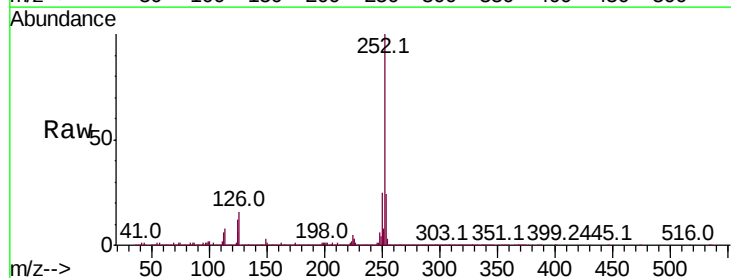
Tgt Ion:252 Resp: 2781284

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.6

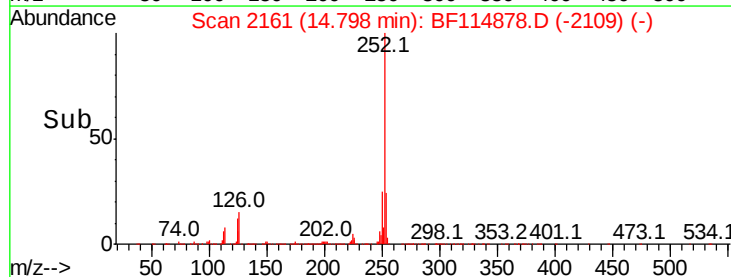
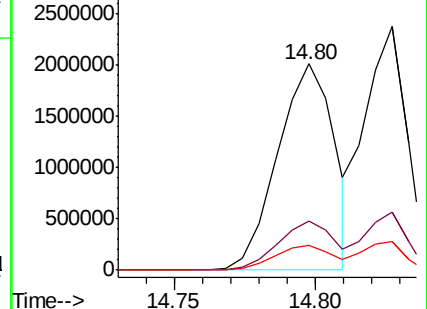
125 12.2 9.4 14.0

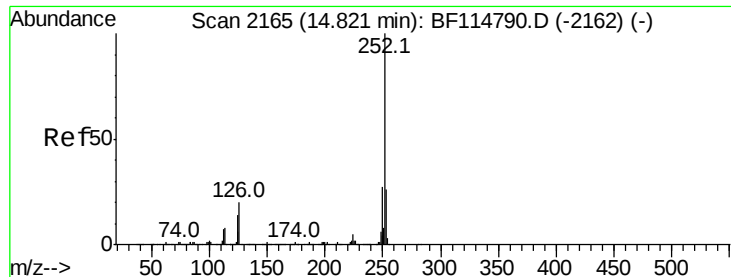


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

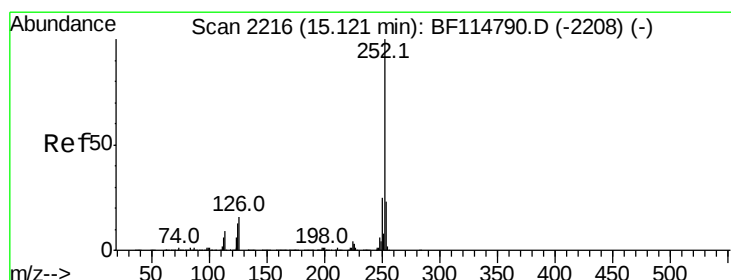
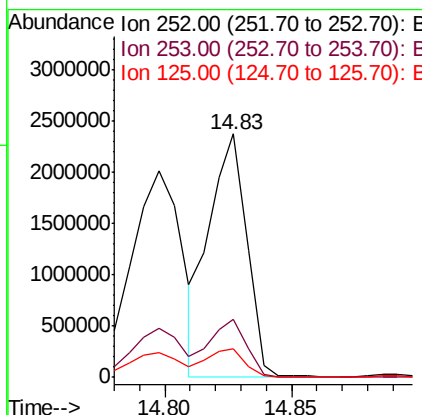
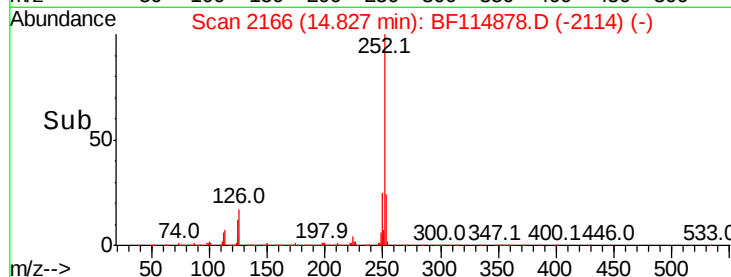
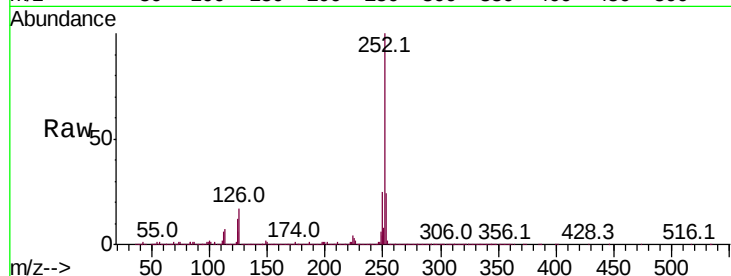




#89
Benzo(k)fluoranthene
Concen: 48.179 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

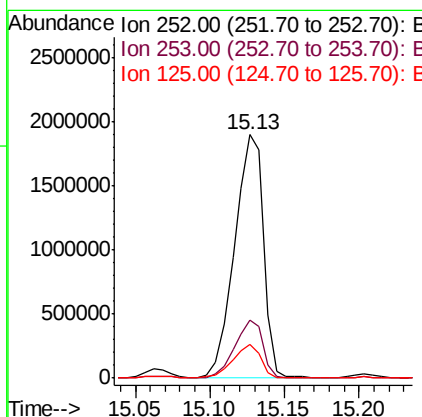
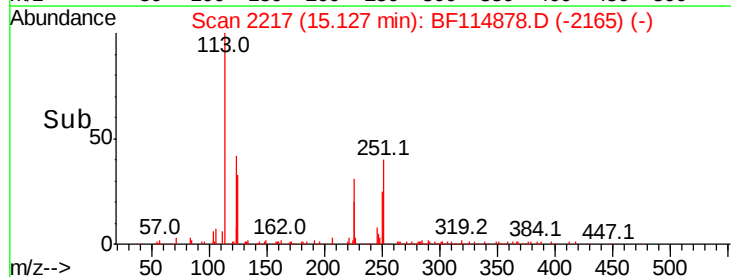
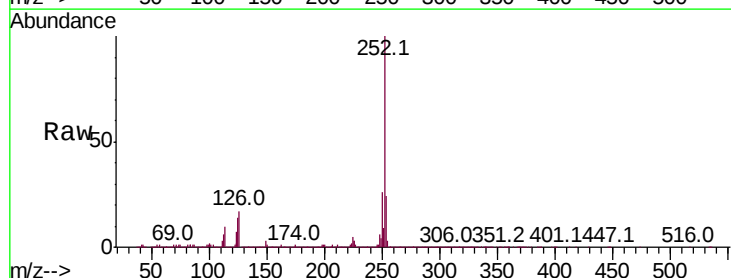
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMSD

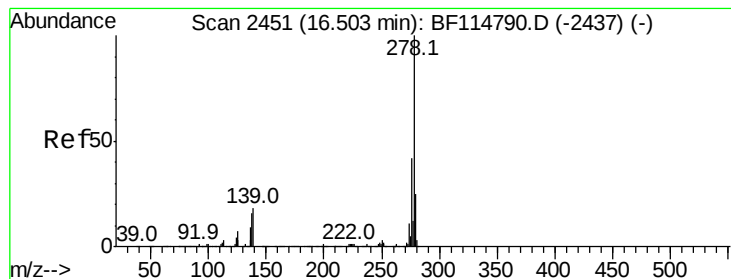
Tot Ion:252 Resp: 2435273
Ion Ratio Lower Upper
252 100
253 24.0 19.3 28.9
125 11.8 10.1 15.1



#90
Benzo(a)pyrene
Concen: 49.535 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion:252 Resp: 2551909
Ion Ratio Lower Upper
252 100
253 23.7 18.5 27.7
125 14.0 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 43.297 ng

RT: 16.52 min Scan# 2453

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

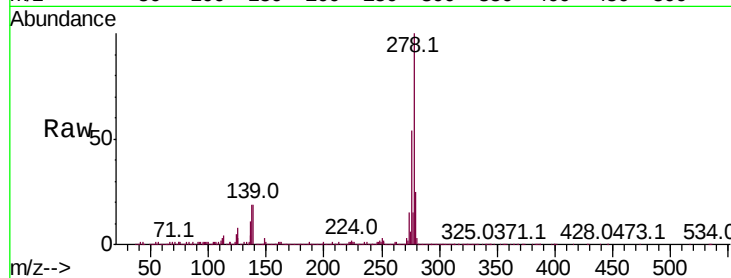
Tot Ion:278 Resp: 2112360

Ion	Ratio	Lower	Upper
278	100		
139	18.9	14.6	22.0
279	24.6	20.1	30.1

278 100

139 18.9 14.6 22.0

279 24.6 20.1 30.1

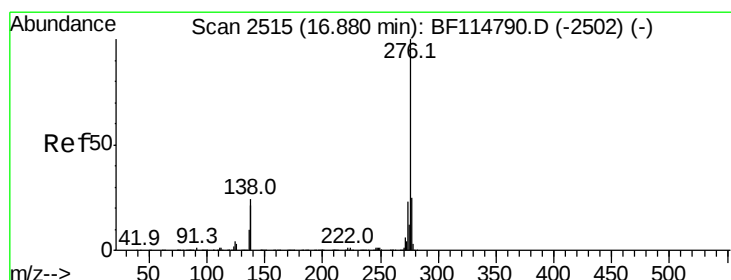
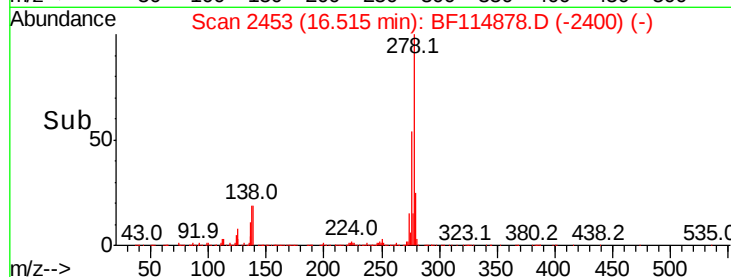
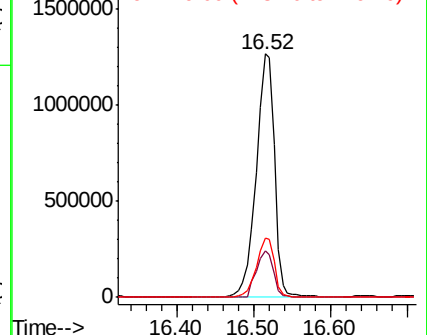


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.668 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

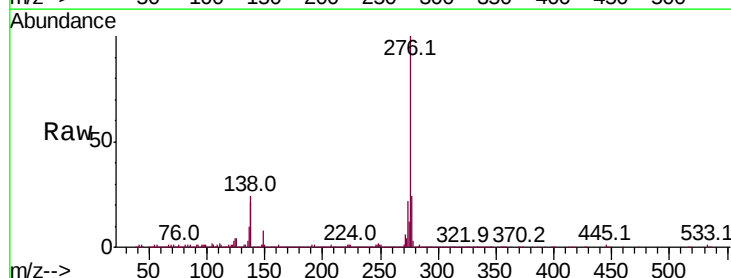
Tgt Ion:276 Resp: 2044287

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.6
138	24.4	19.4	29.2

276 100

277 24.0 19.8 29.6

138 24.4 19.4 29.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

