

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114877.D
 Acq On : 6 Jun 2019 22:02
 Operator : HP/JU
 Sample : K3186-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jun 07 00:04:18 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	571571	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	2112860	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	984511	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1685861	20.00	ng	0.00
76) Chrysene-d12	13.80	240	729667	20.00	ng	0.01
87) Perylene-d12	15.18	264	1002922	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	4146777	126.77	ng	0.04
7) Phenol-d6	6.33	99	5178249	130.10	ng	0.03
23) Nitrobenzene-d5	7.25	82	3421486	99.69	ng	0.01
42) 2,4,6-Tribromophenol	10.50	330	1286665	121.27	ng	0.02
45) 2-Fluorobiphenyl	9.04	172	4982701	94.81	ng	0.01
79) Terphenyl-d14	12.76	244	4241877	113.06	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.40	88	566698	36.286	ng	99
3) Pyridine	3.10	79	1251663	29.162	ng	99
4) n-Nitrosodimethylamine	3.03	42	722955	46.023	ng	95
6) Aniline	6.35	93	882016	15.617	ng	# 72
8) 2-Chlorophenol	6.47	128	1634051	43.236	ng	98
9) Benzaldehyde	6.22	77	574739	20.817	ng	99
10) Phenol	6.35	94	1837879	40.378	ng	84
11) bis(2-Chloroethyl)ether	6.42	93	1572336	44.263	ng	98
12) 1,3-Dichlorobenzene	6.62	146	1806867	41.028	ng	98
13) 1,4-Dichlorobenzene	6.69	146	1794782	40.502	ng	98
14) 1,2-Dichlorobenzene	6.85	146	1581509	39.517	ng	98
15) Benzyl Alcohol	6.83	79	1260763	41.887	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	2175473	42.821	ng	97
17) 2-Methylphenol	6.95	107	1465250	45.356	ng	95
18) Hexachloroethane	7.19	117	686383	41.152	ng	99
19) n-Nitroso-di-n-propylamine	7.11	70	1154072	43.802	ng	98
20) 3+4-Methylphenols	7.10	107	1595415	44.775	ng	93
22) Acetophenone	7.09	105	2284424	49.109	ng	95
24) Nitrobenzene	7.26	77	1685354	47.398	ng	97
25) Isophorone	7.50	82	3384589	49.880	ng	100
26) 2-Nitrophenol	7.57	139	1023144	53.127	ng	95
27) 2,4-Dimethylphenol	7.63	122	1579078	53.947	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	2109138	48.626	ng	99
29) 2,4-Dichlorophenol	7.82	162	1488072	48.321	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	1634752	46.264	ng	100
31) Naphthalene	7.98	128	4390244	46.154	ng	97
32) Benzoic acid	7.78	122	1074523	50.402	ng	99
33) 4-Chloroaniline	8.02	127	413102	9.103	ng	97
34) Hexachlorobutadiene	8.10	225	886595	44.133	ng	98
35) Caprolactam	8.42	113	297222	29.545	ng	93
36) 4-Chloro-3-methylphenol	8.52	107	1493213	48.728	ng	99
37) 2-Methylnaphthalene	8.67	142	3039255	46.065	ng	98
38) 1-Methylnaphthalene	8.77	142	2902141	46.383	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	1293595	45.594	ng	98

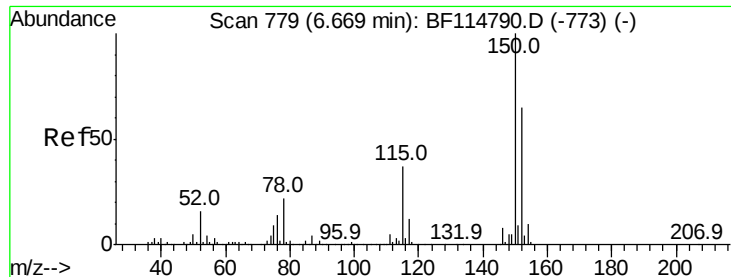
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	1173985	68.225	nq	100
43) 2,4,6-Trichlorophenol	8.95	196	1084056	49.137	nq	100
44) 2,4,5-Trichlorophenol	9.00	196	1058834	47.656	nq	97
46) 1,1'-Biphenyl	9.13	154	3397087	46.556	nq	97
47) 2-Chloronaphthalene	9.16	162	2798877	45.142	nq	98
48) 2-Nitroaniline	9.25	65	858946	46.423	nq	100
49) Acenaphthylene	9.57	152	4000712	44.495	nq	98
50) Dimethylphthalate	9.45	163	4248946	59.091	nq	98
51) 2,6-Dinitrotoluene	9.50	165	819717	48.474	nq	94
52) Acenaphthene	9.74	154	2503326	42.502	nq	99
53) 3-Nitroaniline	9.66	138	498322	25.226	nq	93
54) 2,4-Dinitrophenol	9.77	184	657528	85.927	nq	99
55) Dibenzofuran	9.92	168	3451603	42.143	nq	99
56) 4-Nitrophenol	9.84	139	1299841	89.797	nq	96
57) 2,4-Dinitrotoluene	9.90	165	1006070	47.326	nq	# 86
58) Fluorene	10.25	166	2375042	45.309	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	844642	46.401	nq	99
60) Diethylphthalate	10.14	149	3250955	45.056	nq	99
61) 4-Chlorophenyl-phenylether	10.25	204	1202967	38.349	nq	98
62) 4-Nitroaniline	10.28	138	793070	41.391	nq	95
63) Azobenzene	10.40	77	2764006	45.003	nq	99
65) 4,6-Dinitro-2-methylphenol	10.30	198	409356	46.745	nq	90
66) n-Nitrosodiphenylamine	10.37	169	2534602	49.720	nq	98
67) 4-Bromophenyl-phenylether	10.73	248	893752	46.678	nq	96
68) Hexachlorobenzene	10.80	284	942124	44.959	nq	94
69) Atrazine	10.90	200	824638	46.513	nq	99
70) Pentachlorophenol	10.99	266	1051334	86.786	nq	99
71) Phenanthrene	11.20	178	3697699	45.945	nq	99
72) Anthracene	11.26	178	3801307	44.881	nq	99
73) Carbazole	11.41	167	3355726	46.217	nq	99
74) Di-n-butylphthalate	11.75	149	4122684	43.170	nq	98
75) Fluoranthene	12.39	202	3566823	42.581	nq	99
78) Pyrene	12.61	202	3566571	56.345	nq	99
80) Butylbenzylphthalate	13.23	149	1796534	56.204	nq	99
81) Benzo(a)anthracene	13.79	228	2719538	48.366	nq	99
82) 3,3'-Dichlorobenzidine	13.76	252	648985	28.464	nq	# 98
83) Chrysene	13.83	228	2774959	50.732	nq	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2105739	52.097	nq	# 99
85) Di-n-octyl phthalate	14.41	149	3573306	52.029	nq	100
86) Indeno(1,2,3-cd)pyrene	16.50	276	2873796	46.046	nq	99
88) Benzo(b)fluoranthene	14.80	252	3228858	50.571	nq	99
89) Benzo(k)fluoranthene	14.83	252	2362350	43.569	nq	100
90) Benzo(a)pyrene	15.13	252	2784003	50.378	nq	99
91) Dibenzo(a,h)anthracene	16.52	278	2350374	44.911	nq	98
92) Benzo(g,h,i)perylene	16.90	276	2309432	43.882	nq	98

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

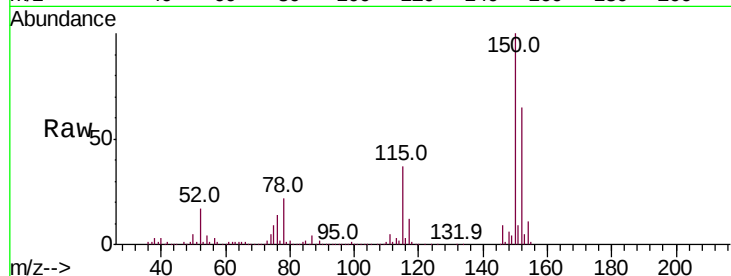


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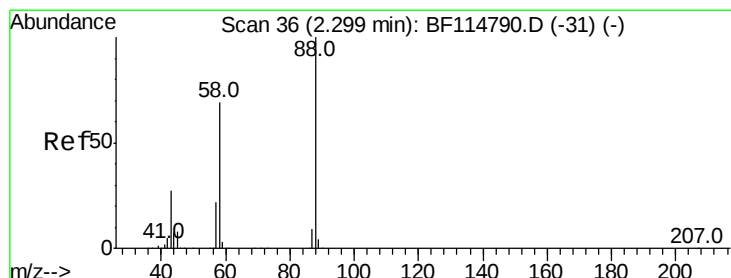
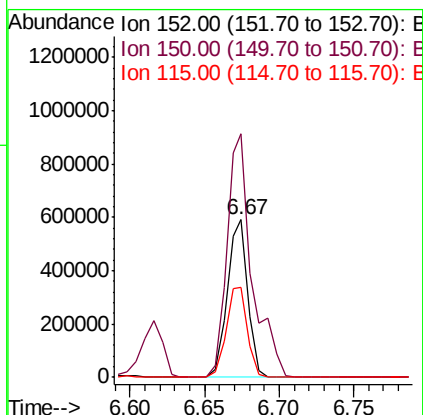
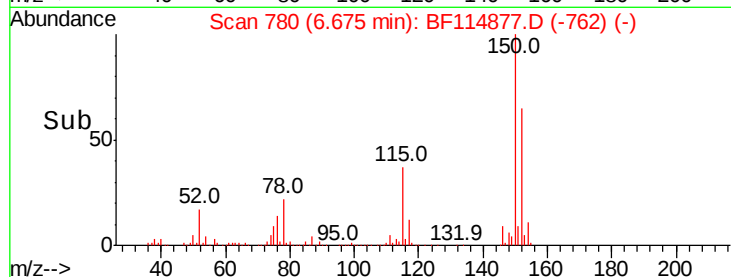
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

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

Tot Ion:152 Resp: 571571
Ion Ratio Lower Upper
152 100
150 154.3 124.0 186.0
115 57.2 46.3 69.5



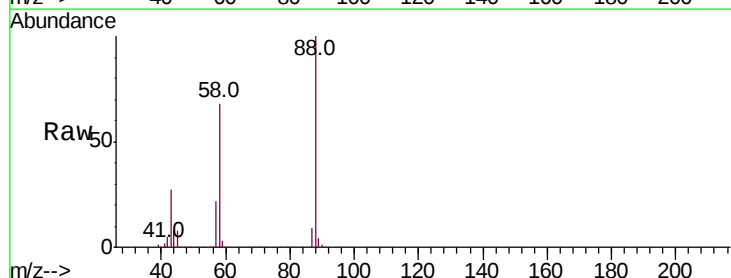
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



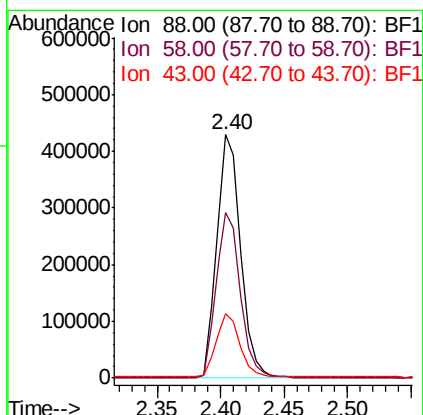
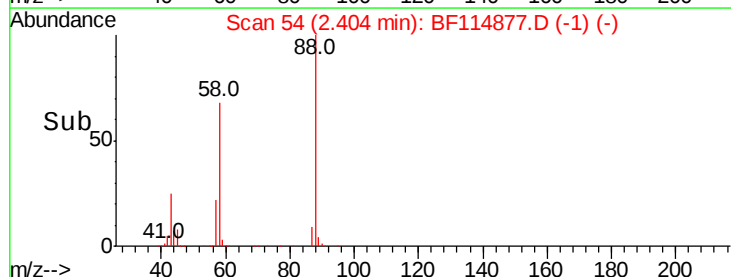
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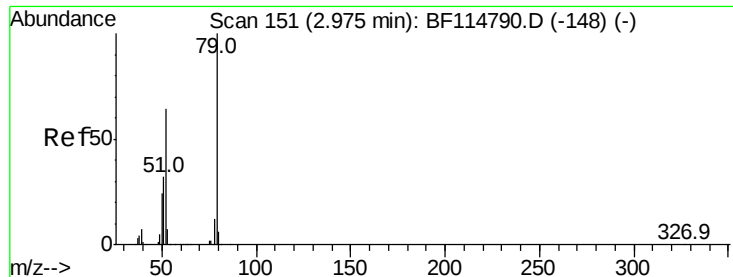
1,4-Dioxane
Concen: 36.286 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.11 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion: 88 Resp: 566698
Ion Ratio Lower Upper
88 100
58 68.6 53.8 80.8
43 26.0 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: 29.162 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.12 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

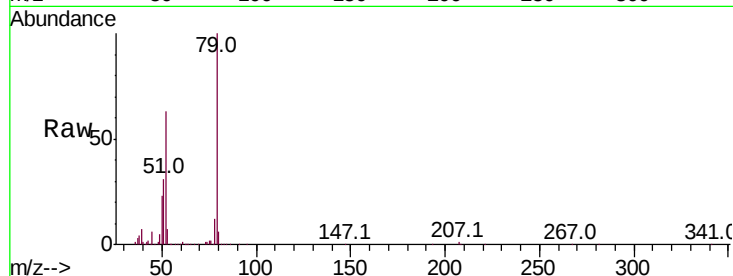
Tot Ion: 79 Resp: 1251663

Ion Ratio Lower Upper

79 100

52 63.0 51.0 76.4

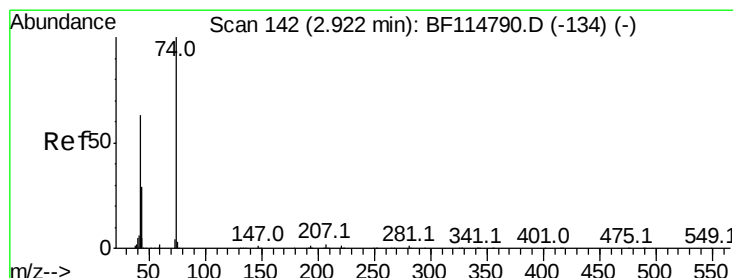
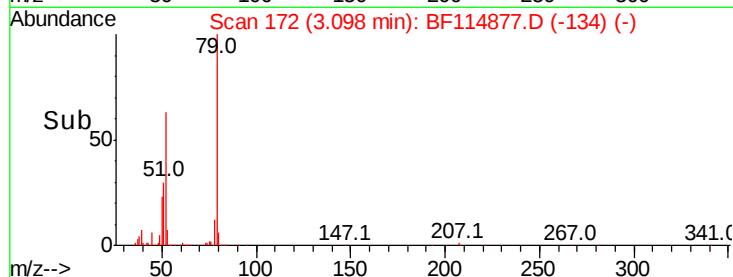
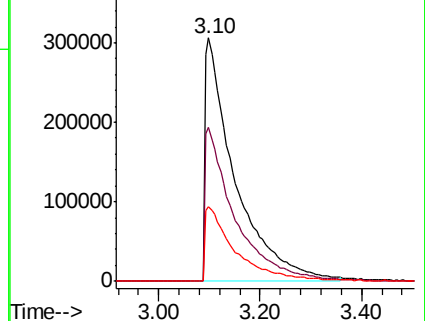
51 30.6 25.7 38.5



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: 46.023 ng

RT: 3.03 min Scan# 161

Delta R.T. 0.11 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

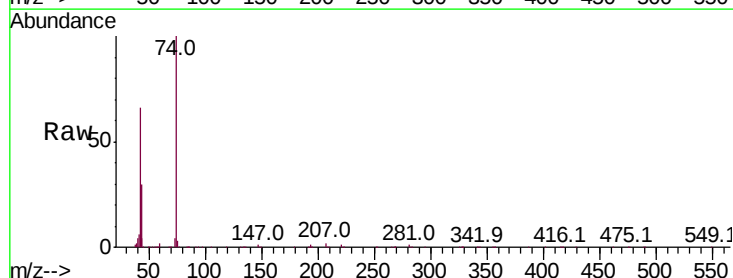
Tgt Ion: 42 Resp: 722955

Ion Ratio Lower Upper

42 100

74 151.2 126.2 189.2

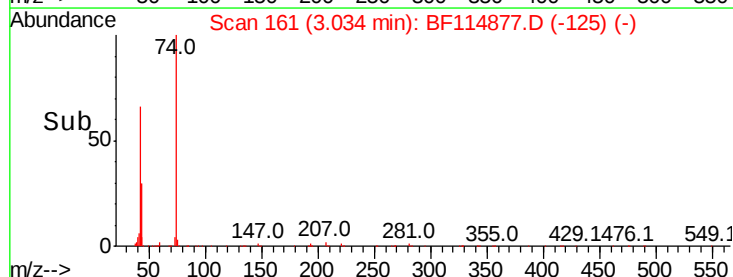
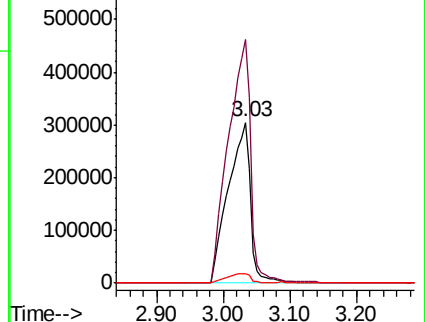
44 6.2 5.9 8.9

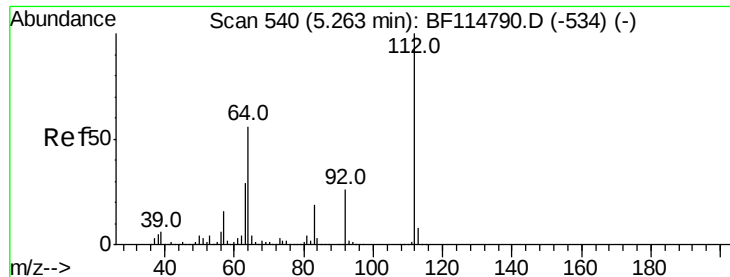


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 126.771 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.04 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

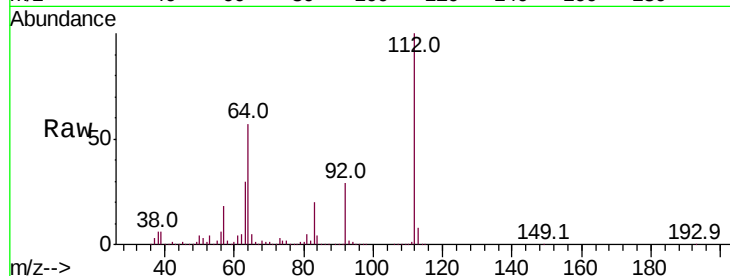
Tot Ion:112 Resp: 4146777

Ion Ratio Lower Upper

112 100

64 57.2 44.6 66.8

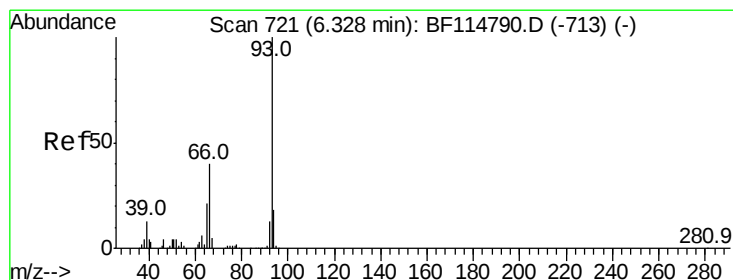
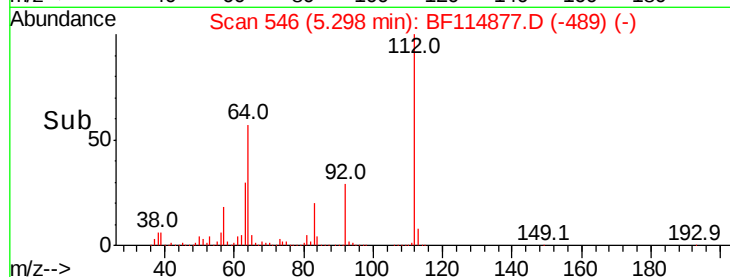
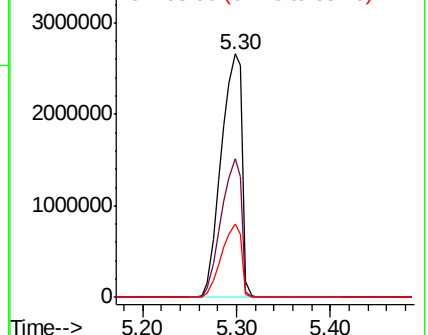
63 30.1 23.0 34.4



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: 15.617 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.02 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

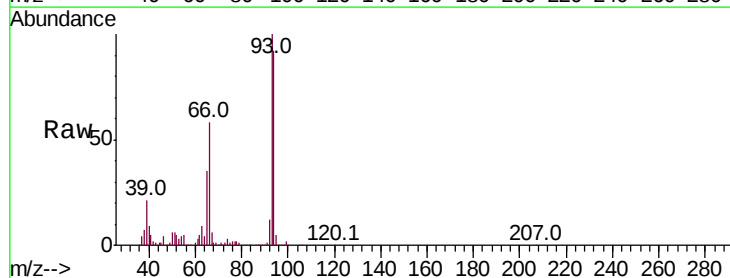
Tgt Ion: 93 Resp: 882016

Ion Ratio Lower Upper

93 100

66 58.4 32.8 49.2#

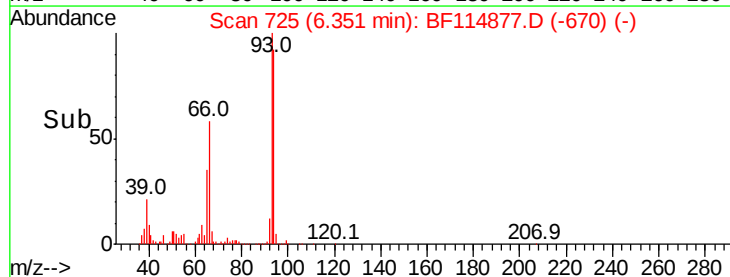
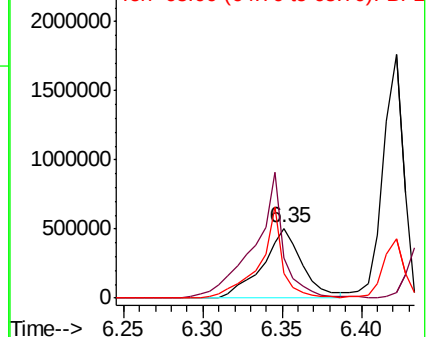
65 34.7 16.9 25.3#

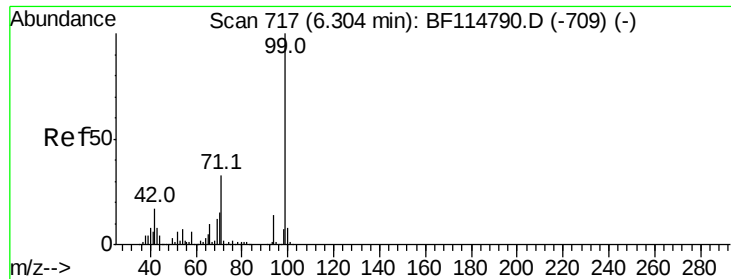


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.099 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.03 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

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ClientSampleId :

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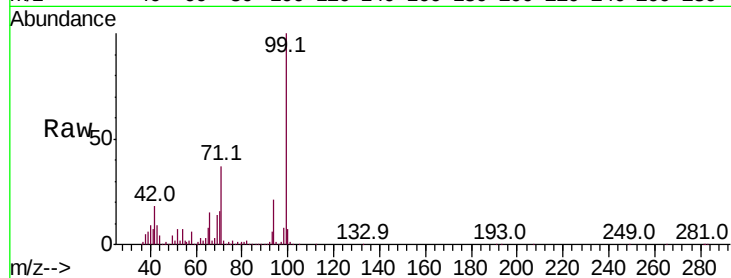
Tot Ion: 99 Resp: 5178249

Ion Ratio Lower Upper

99 100

42 18.1 13.3 19.9

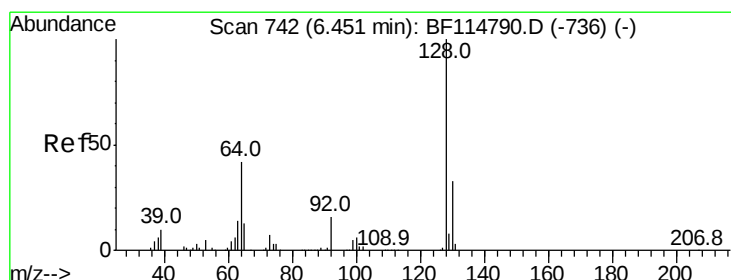
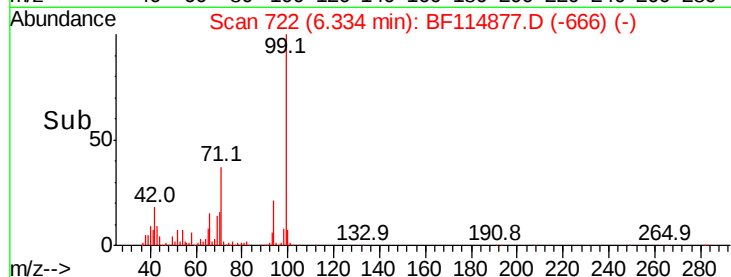
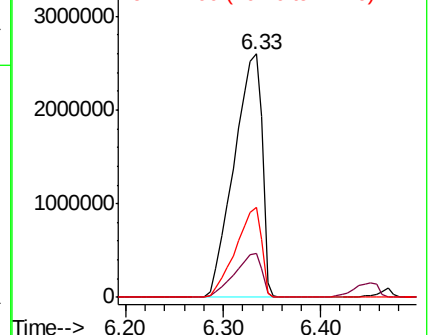
71 36.9 26.3 39.5



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: 43.236 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.02 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

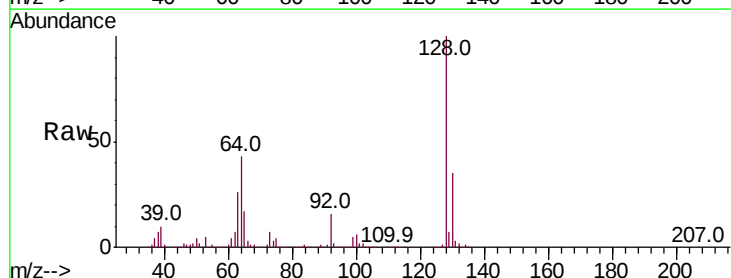
Tgt Ion:128 Resp: 1634051

Ion Ratio Lower Upper

128 100

130 34.5 12.7 52.7

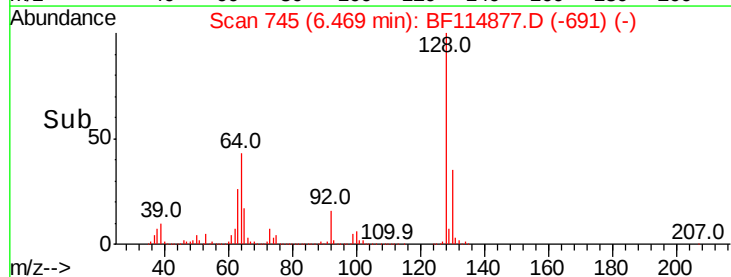
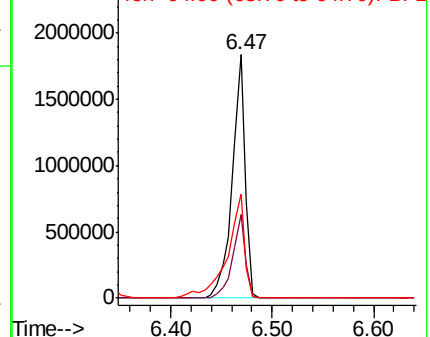
64 42.7 22.5 62.5

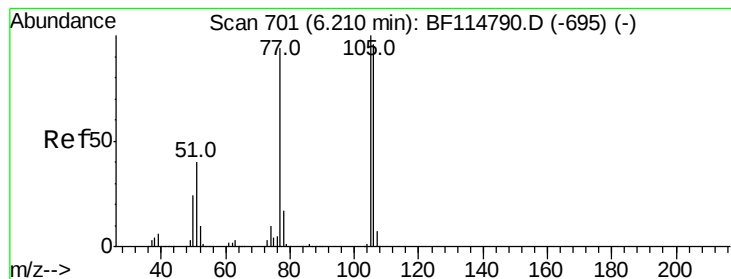


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.817 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

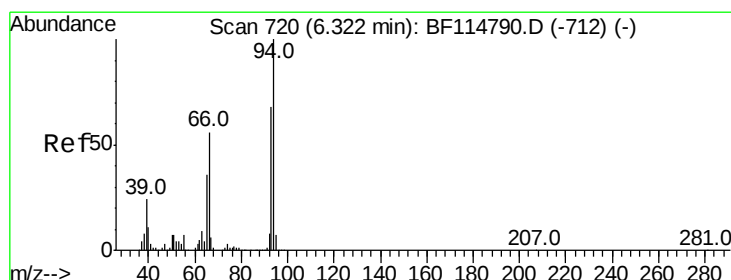
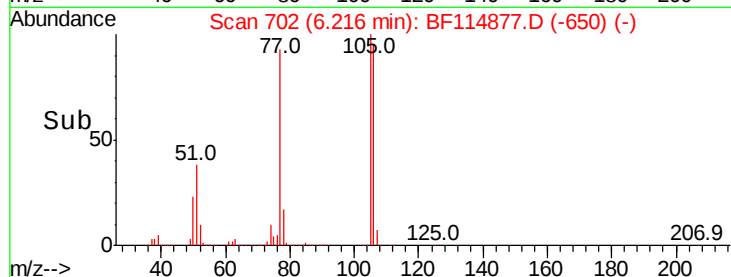
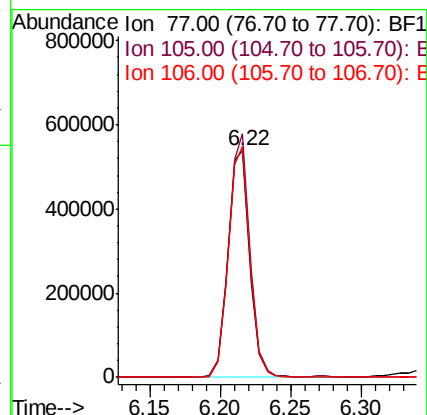
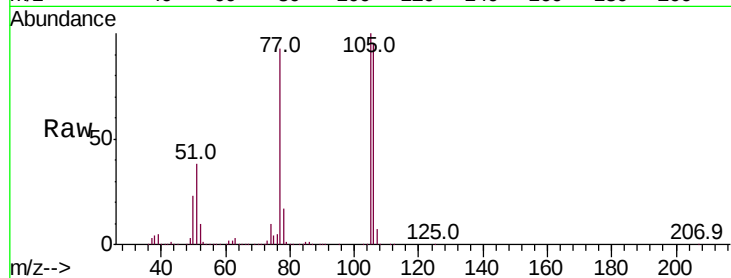
Tot Ion: 77 Resp: 574739

Ion Ratio Lower Upper

77 100

105 107.4 85.8 125.8

106 102.0 81.6 121.6



#10

Phenol

Concen: 40.378 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.02 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

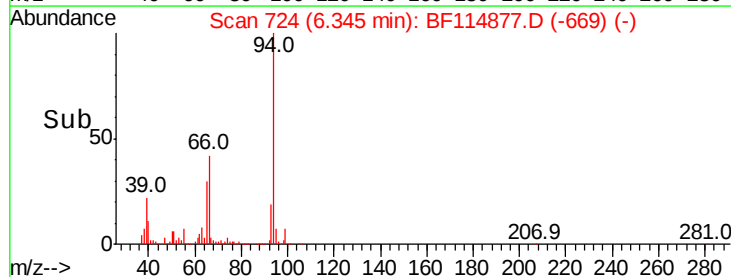
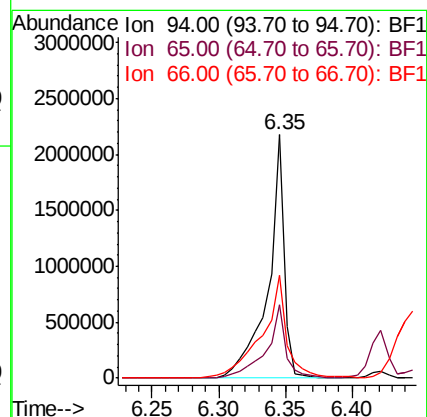
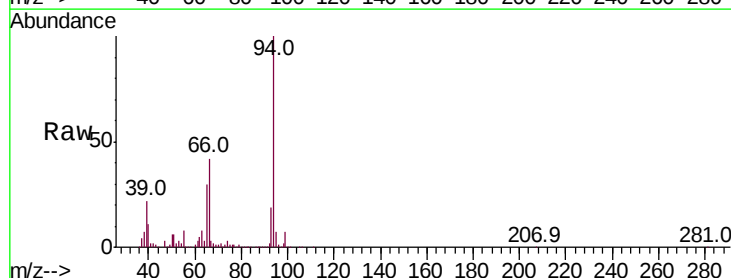
Tgt Ion: 94 Resp: 1837879

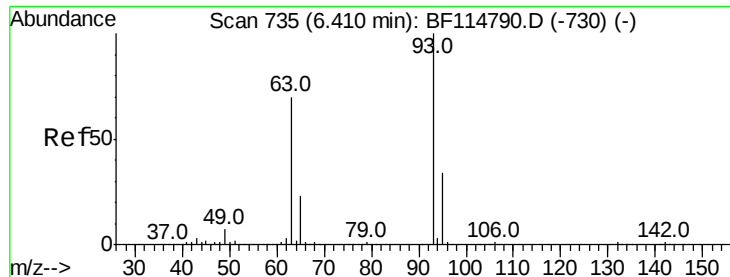
Ion Ratio Lower Upper

94 100

65 30.3 16.1 56.1

66 42.0 36.3 76.3

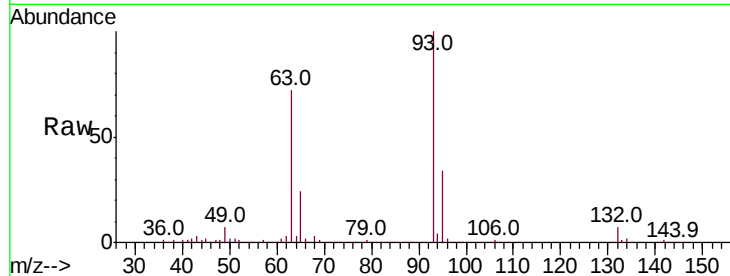




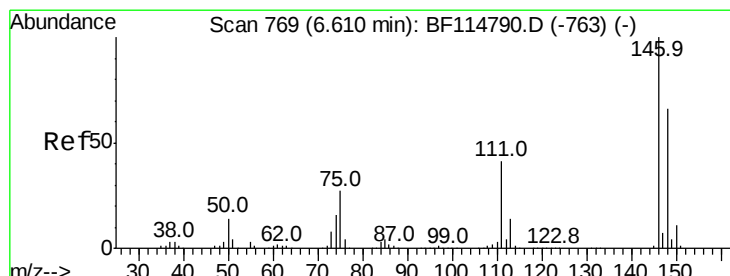
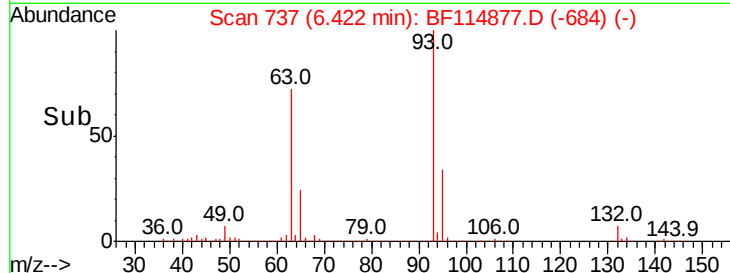
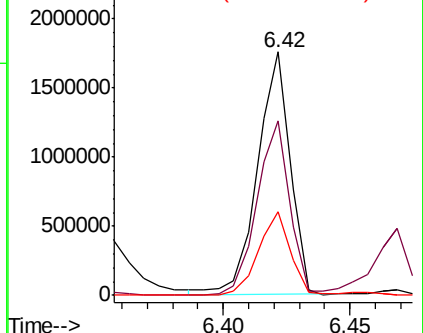
#11
bis(2-Chloroethyl)ether
Concen: 44.263 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

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

Tot Ion: 93 Resp: 1572336
Ion Ratio Lower Upper
93 100
63 71.6 49.6 89.6
95 34.2 13.6 53.6

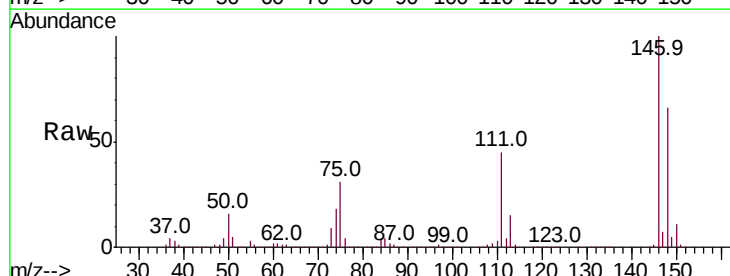


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

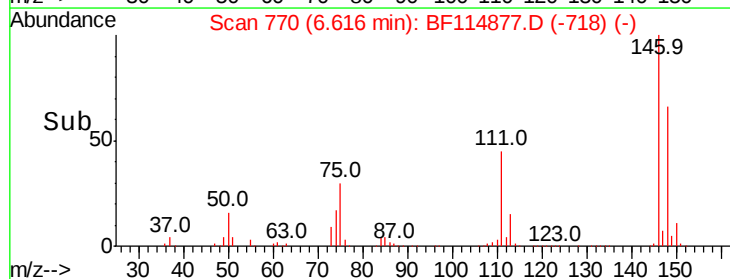
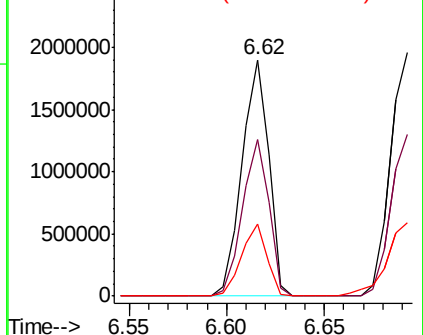


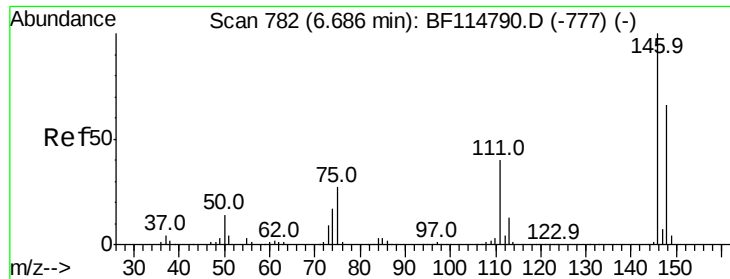
#12
1,3-Dichlorobenzene
Concen: 41.028 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion: 146 Resp: 1806867
Ion Ratio Lower Upper
146 100
148 66.5 52.7 79.1
75 30.6 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

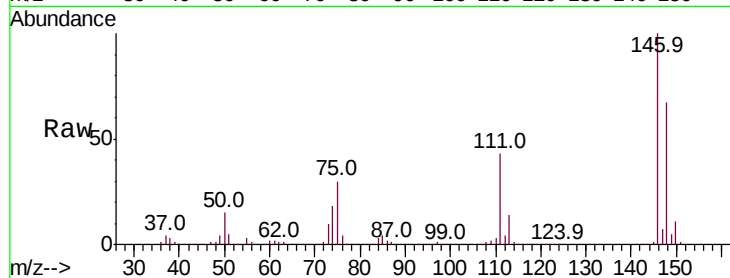




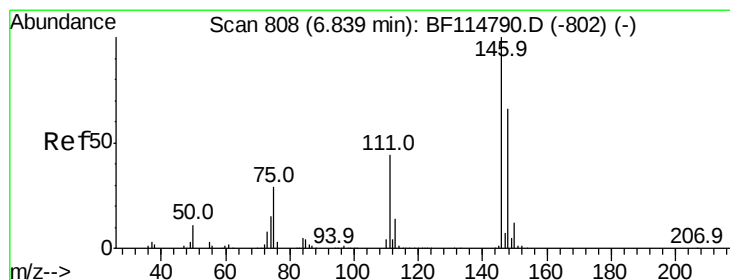
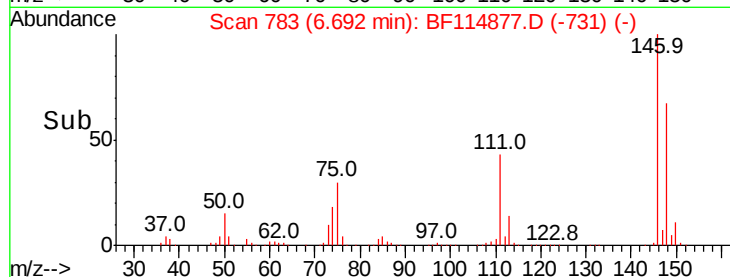
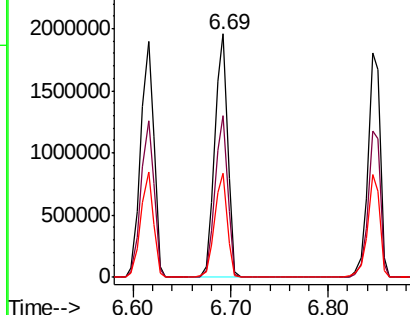
#13
 1,4-Dichlorobenzene
 Concen: 40.502 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

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

Tot Ion:146 Resp: 1794782
 Ion Ratio Lower Upper
 146 100
 148 66.6 53.0 79.4
 111 42.8 32.2 48.4

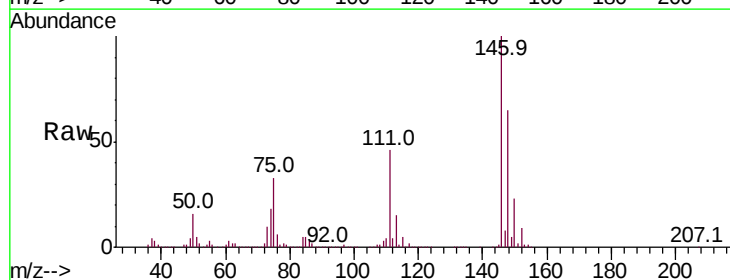


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

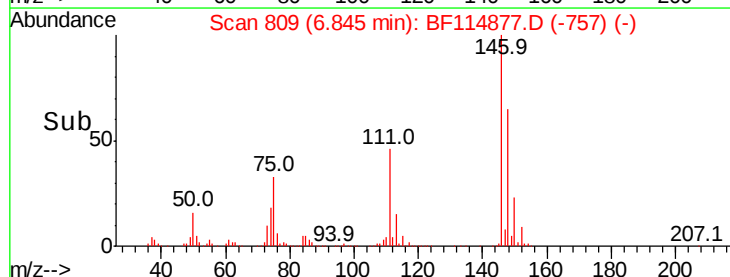
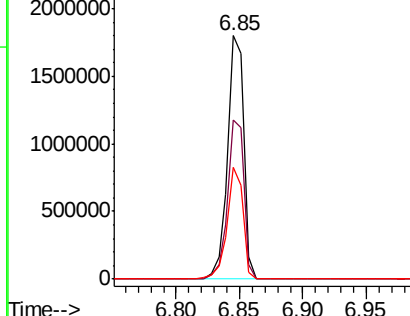


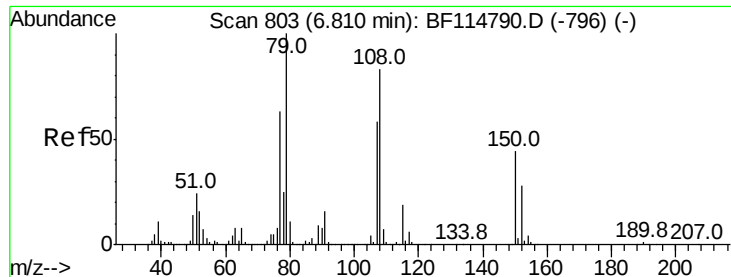
#14
 1,2-Dichlorobenzene
 Concen: 39.517 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Tgt Ion:146 Resp: 1581509
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.5 78.7
 111 46.1 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.887 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.02 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

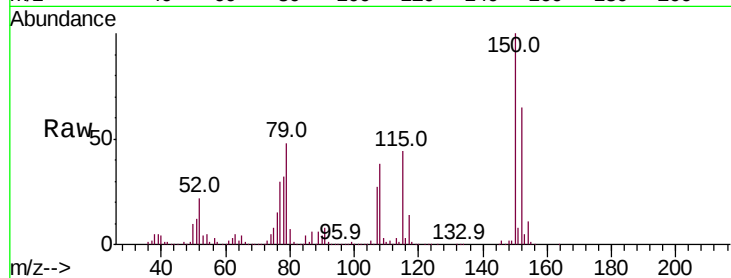
Tot Ion: 79 Resp: 1260763

Ion Ratio Lower Upper

79 100

108 80.9 66.8 100.2

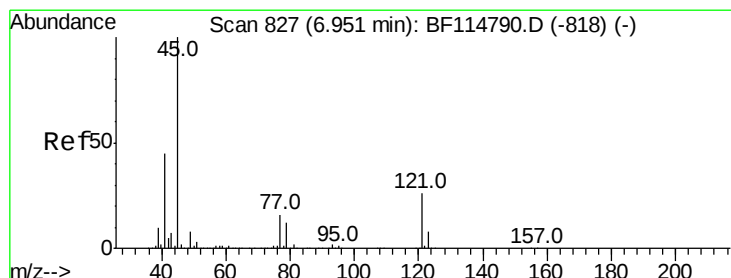
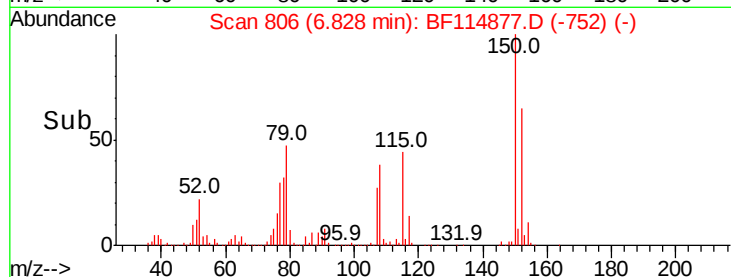
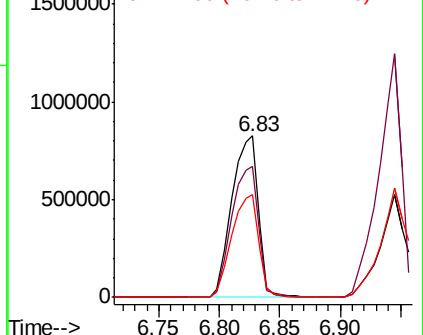
77 63.9 50.6 76.0



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: 42.821 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

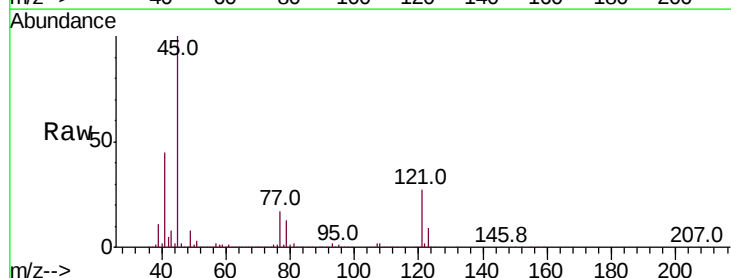
Tgt Ion: 45 Resp: 2175473

Ion Ratio Lower Upper

45 100

77 16.8 0.0 35.8

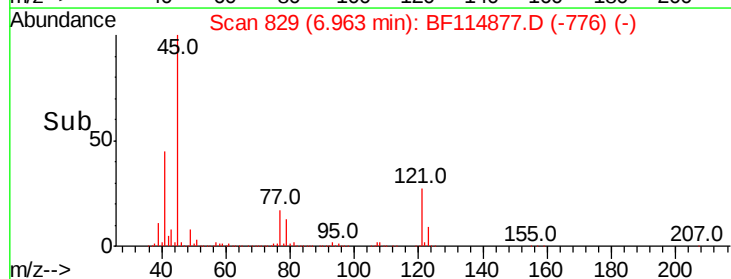
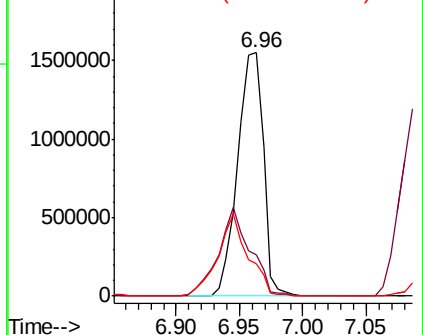
79 13.4 0.0 32.0

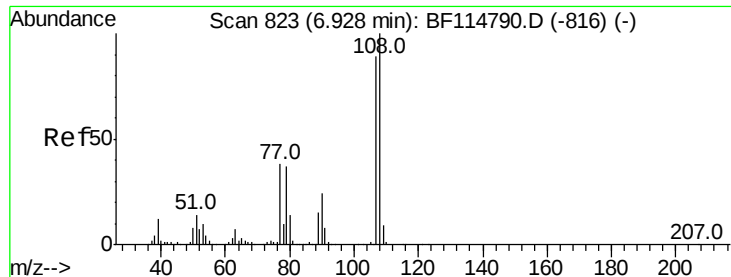


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 45.356 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.02 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:107 Resp: 1465250

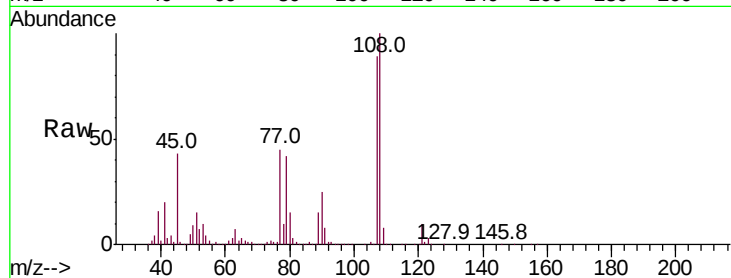
Ion Ratio Lower Upper

107 100

108 112.9 90.2 135.2

77 50.8 34.5 51.7

79 47.6 33.8 50.6



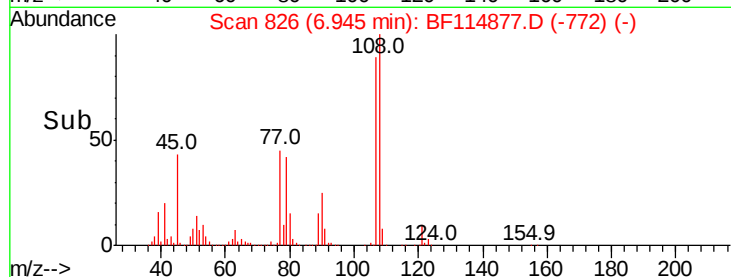
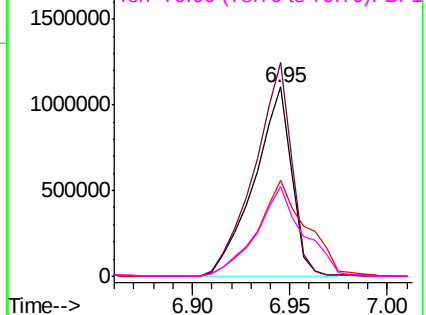
Abundance

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: 41.152 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

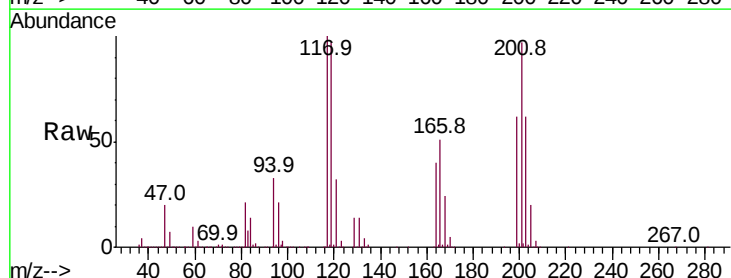
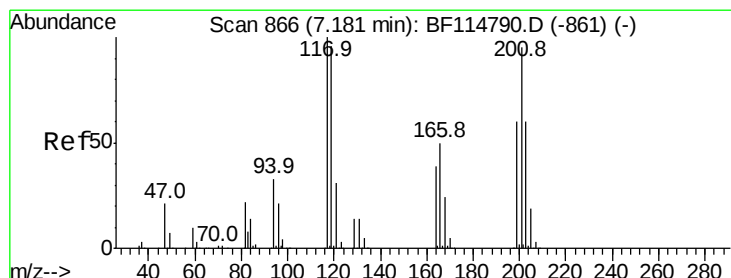
Tgt Ion:117 Resp: 686383

Ion Ratio Lower Upper

117 100

119 96.6 77.0 115.4

201 97.3 76.0 114.0

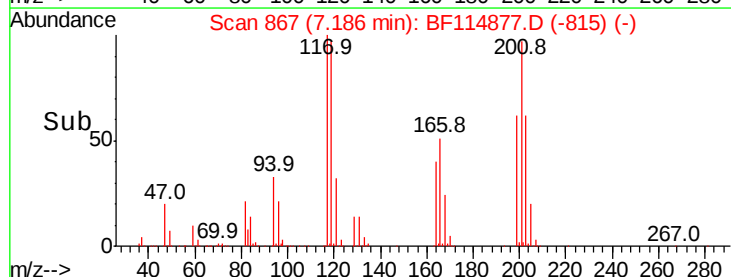
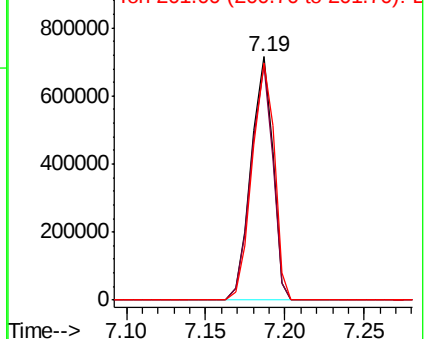


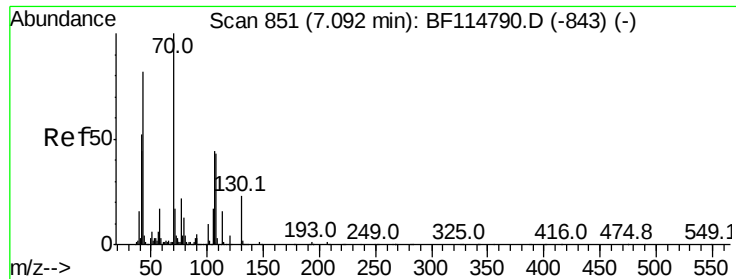
Abundance

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: 43.802 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.02 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

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

Tot Ion: 70 Resp: 1154072

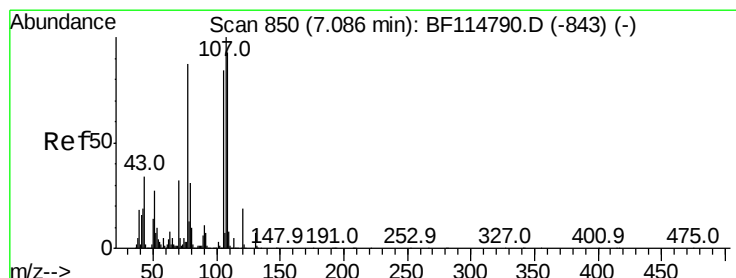
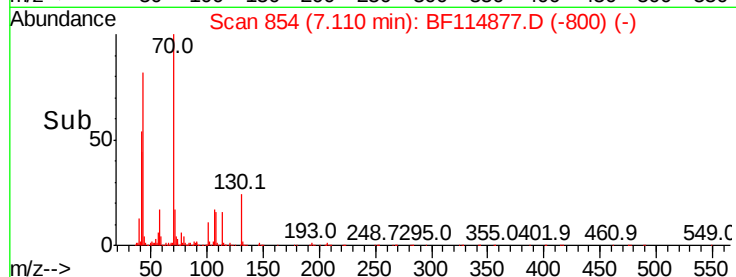
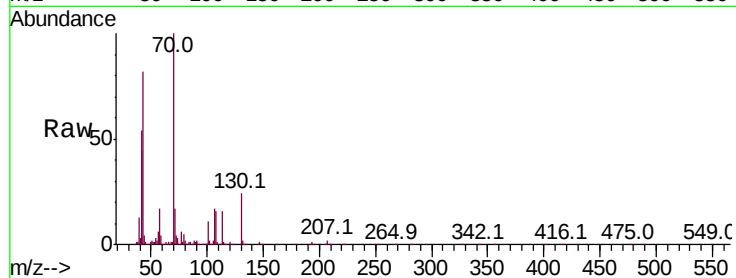
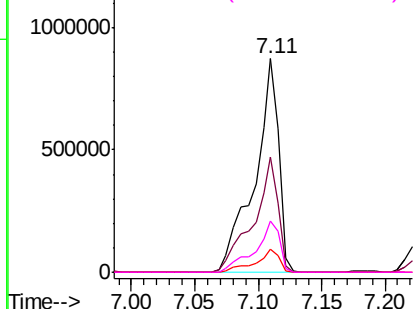
Ion	Ratio	Lower	Upper
70	100		
42	54.0	41.8	62.8
101	10.6	8.2	12.4
130	24.2	18.5	27.7

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): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 44.775 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Tgt Ion: 107 Resp: 1595415

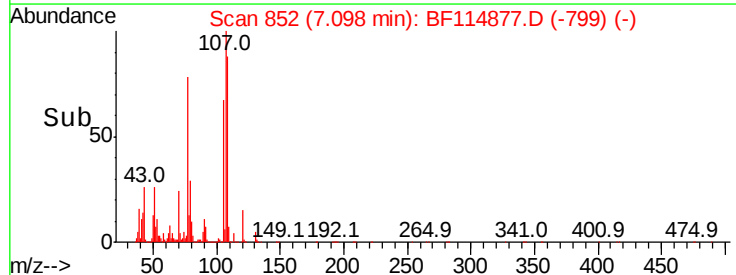
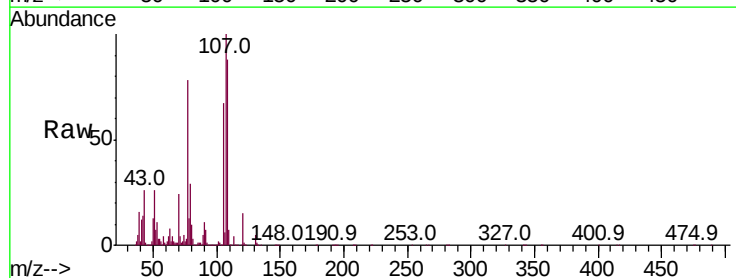
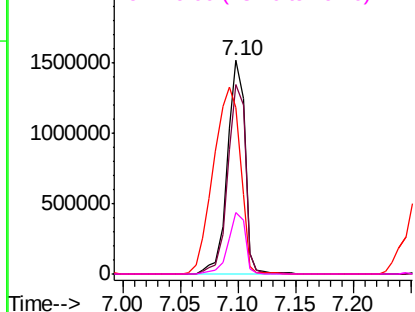
Ion	Ratio	Lower	Upper
107	100		
108	88.4	73.5	113.5
77	77.9	67.2	107.2
79	28.6	10.6	50.6

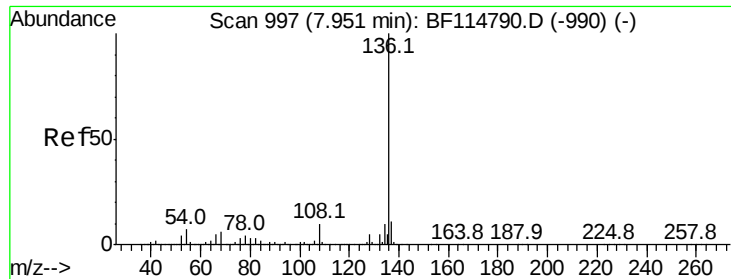
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

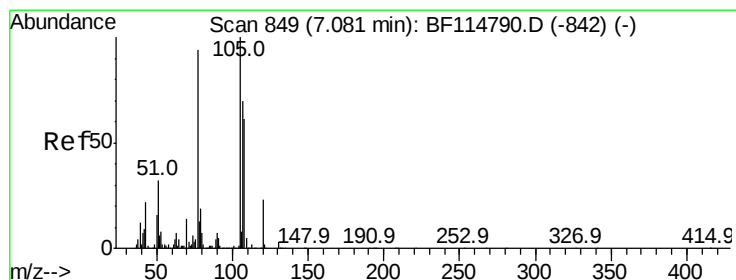
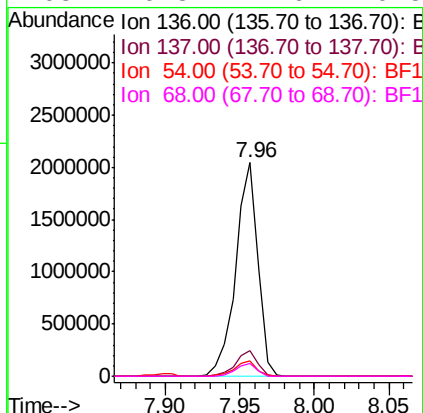
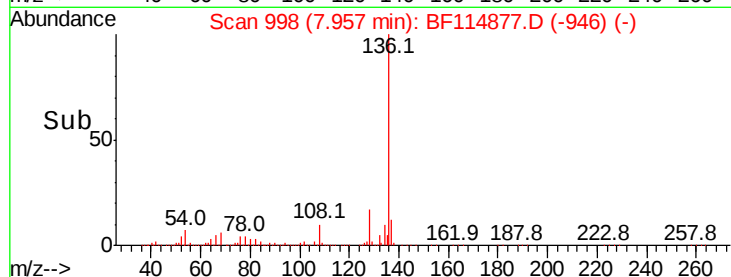
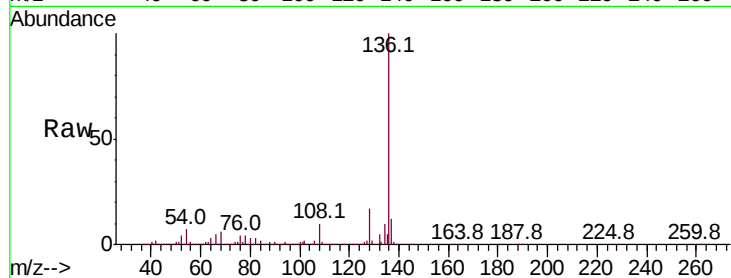




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

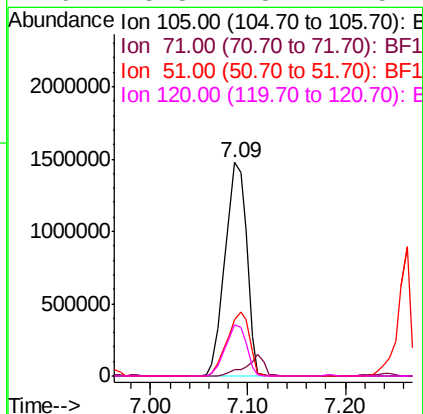
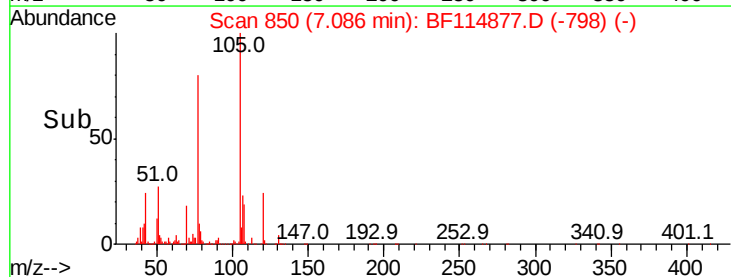
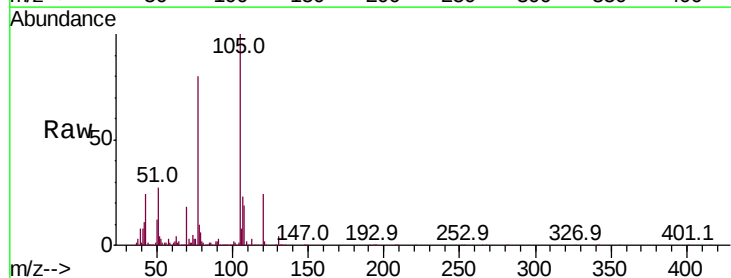
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

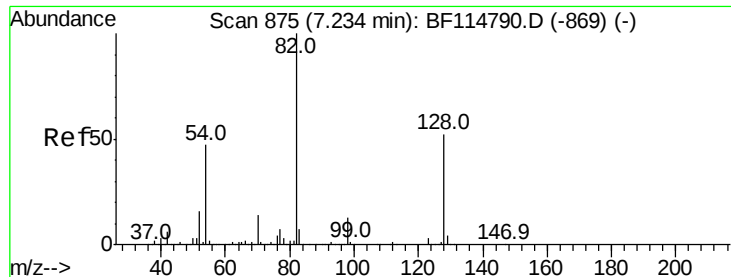
Tot Ion:	136	Resp:	2112860
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	7.0	5.4	8.0
68	6.3	4.6	6.8



#22
Acetophenone
Concen: 49.109 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion:	105	Resp:	2284424
Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.0	3.0
51	26.6	25.4	38.0
120	23.8	18.7	28.1

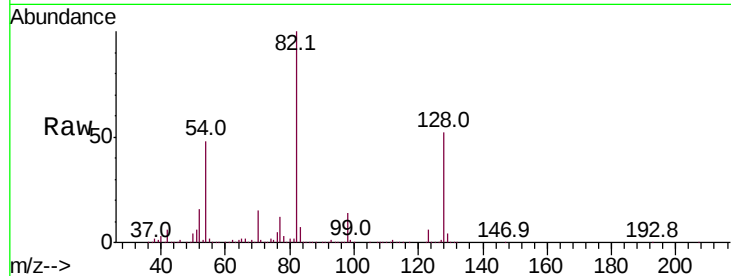




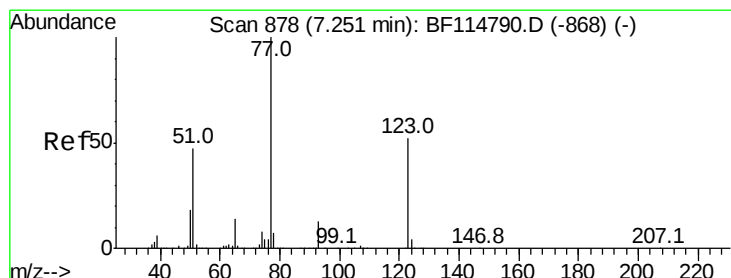
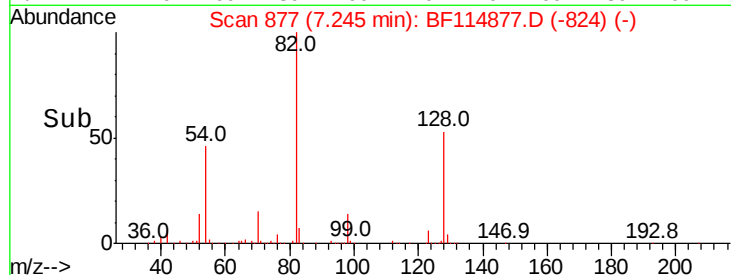
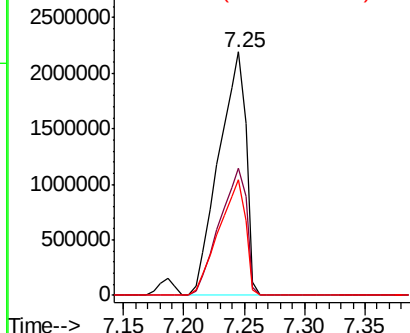
#23
Nitrobenzene-d5
Concen: 99.685 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

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

Tot Ion: 82 Resp: 3421486
Ion Ratio Lower Upper
82 100
128 52.4 41.8 62.6
54 47.6 37.9 56.9

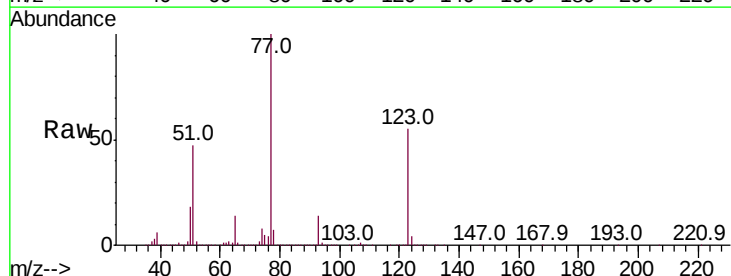


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

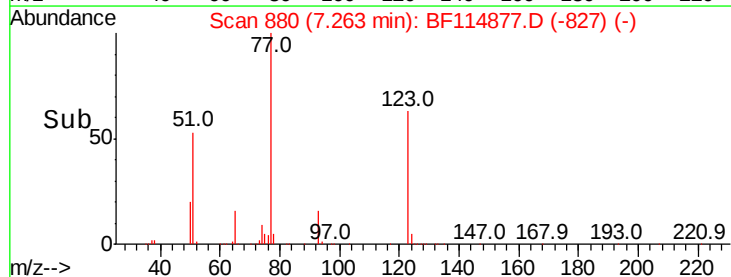
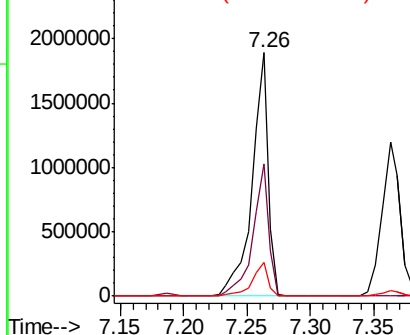


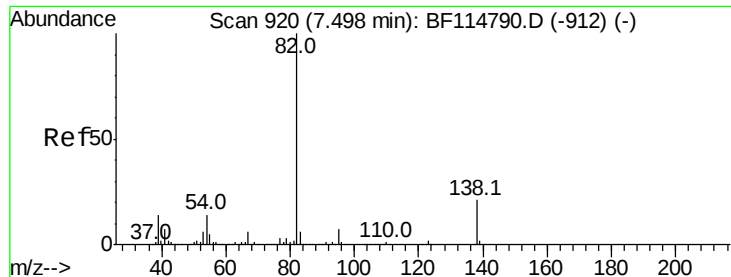
#24
Nitrobenzene
Concen: 47.398 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion: 77 Resp: 1685354
Ion Ratio Lower Upper
77 100
123 54.5 41.5 62.3
65 13.8 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 49.880 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

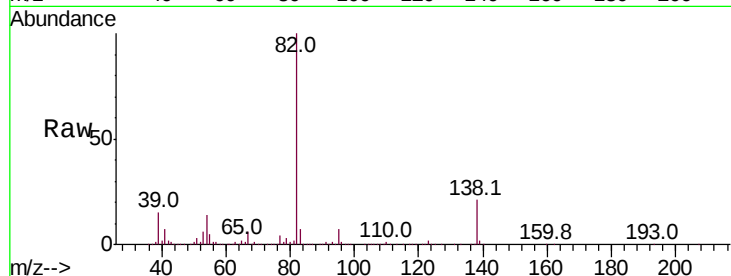
Tot Ion: 82 Resp: 3384589

Ion Ratio Lower Upper

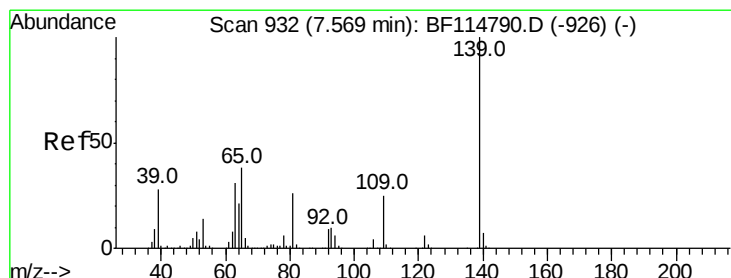
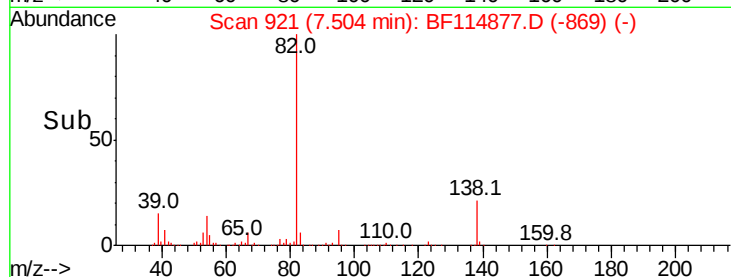
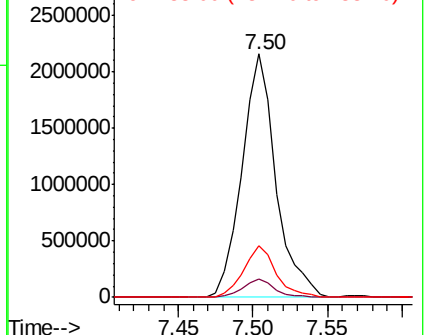
82 100

95 7.4 5.8 8.8

138 20.9 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: 53.127 ng

RT: 7.57 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

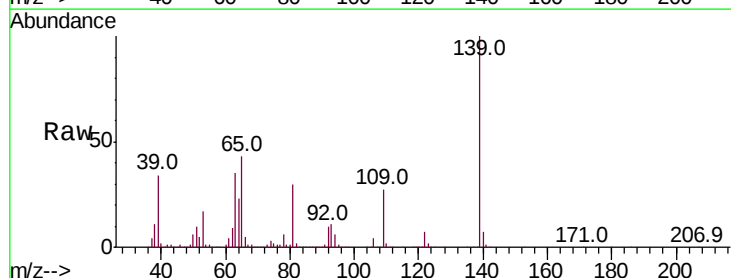
Tgt Ion:139 Resp: 1023144

Ion Ratio Lower Upper

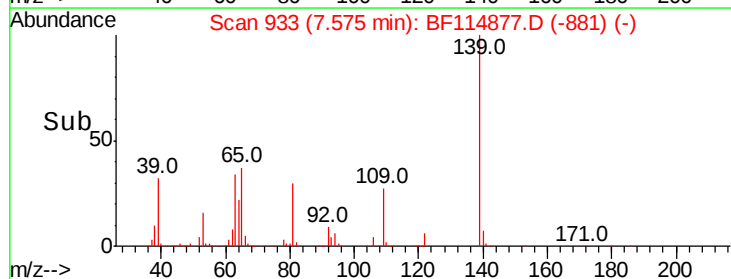
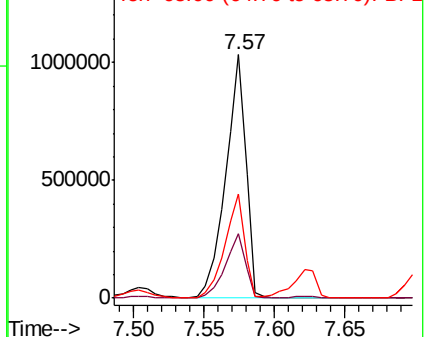
139 100

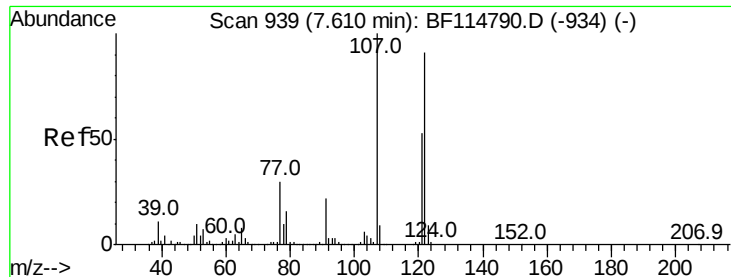
109 26.7 20.4 30.6

65 42.7 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

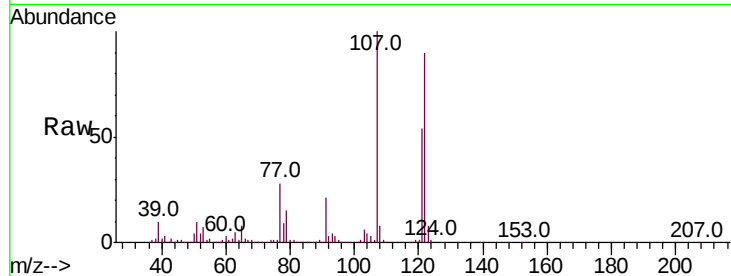




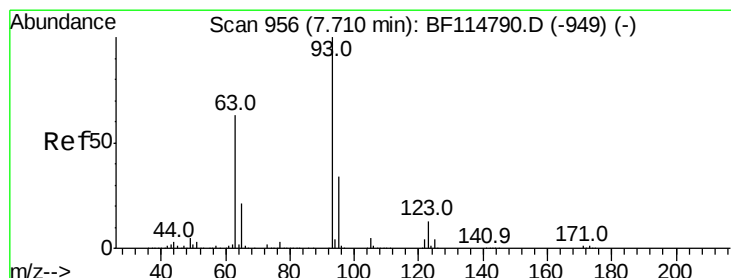
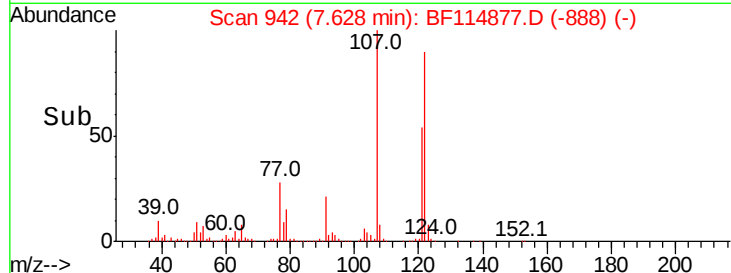
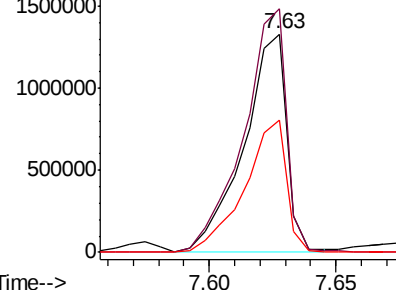
#27
2,4-Dimethylphenol
Concen: 53.947 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.02 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

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

Tot Ion:122 Resp: 1579078
Ion Ratio Lower Upper
122 100
107 111.6 87.9 131.9
121 60.4 46.4 69.6

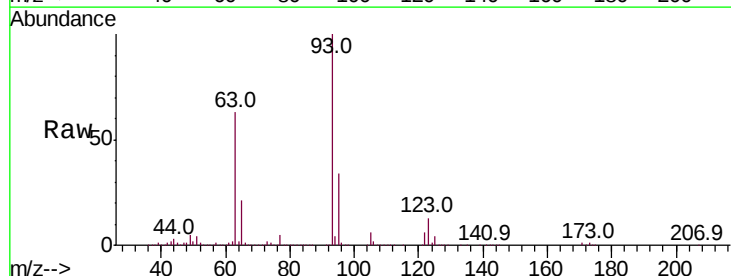


Abundance Ion 122.00 (121.70 to 122.70): E
2000000 Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

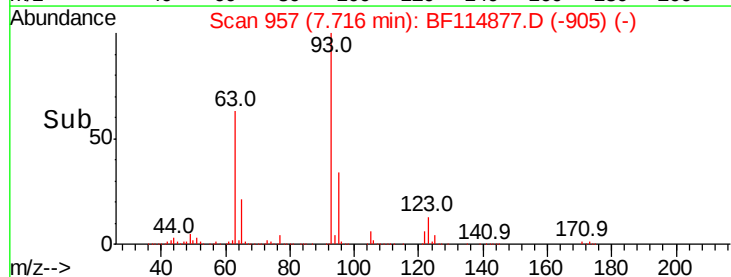
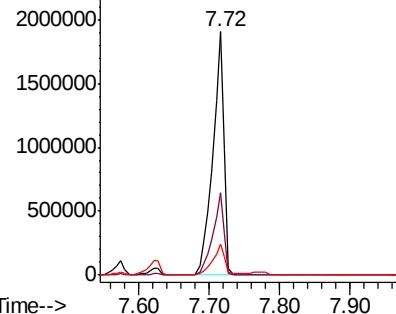


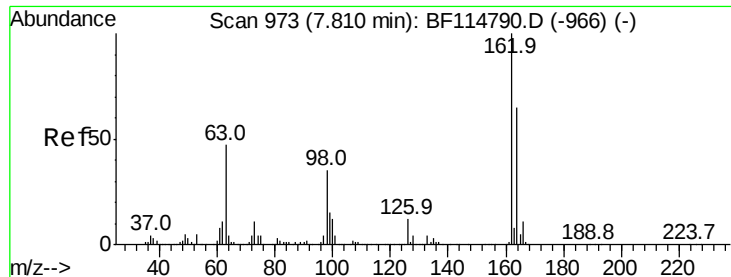
#28
bis(2-Chloroethoxy)methane
Concen: 48.626 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion: 93 Resp: 2109138
Ion Ratio Lower Upper
93 100
95 34.0 26.9 40.3
123 12.9 10.4 15.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
2500000 Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

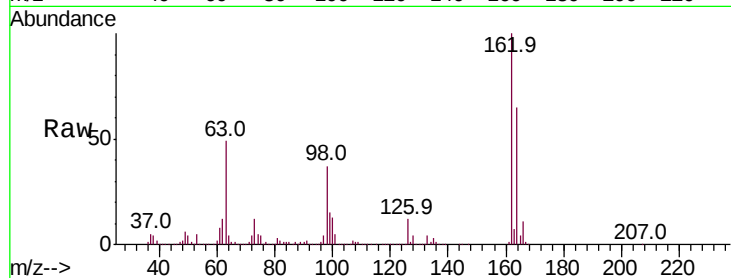




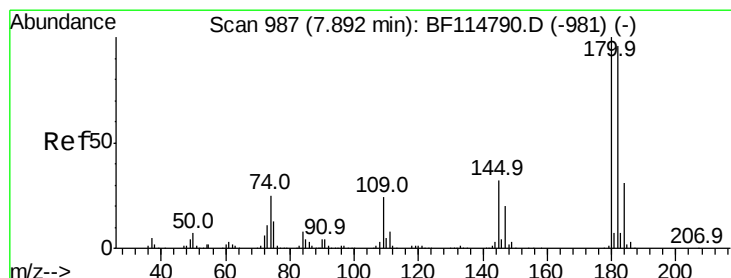
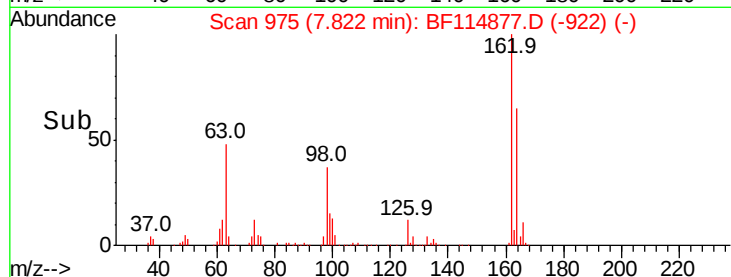
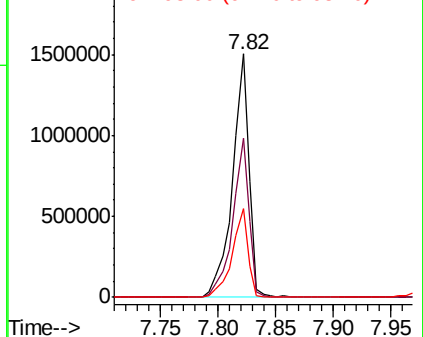
#29
2,4-Dichlorophenol
Concen: 48.321 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

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

Tot Ion:162 Resp: 1488072
Ion Ratio Lower Upper
162 100
164 65.4 45.1 85.1
98 36.7 14.6 54.6

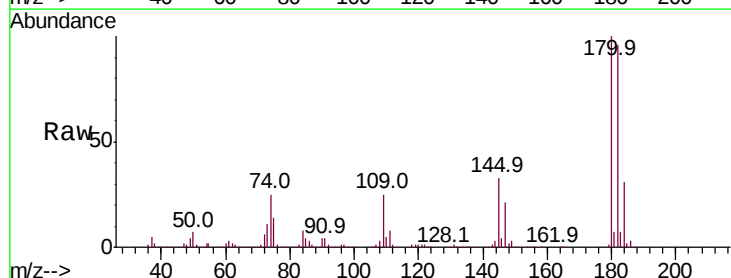


Abundance Ion 162.00 (161.70 to 162.70): E
2000000 Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

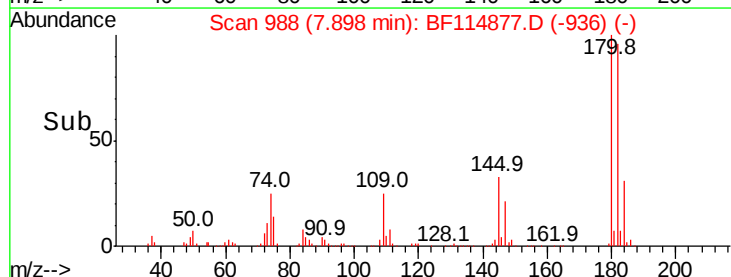
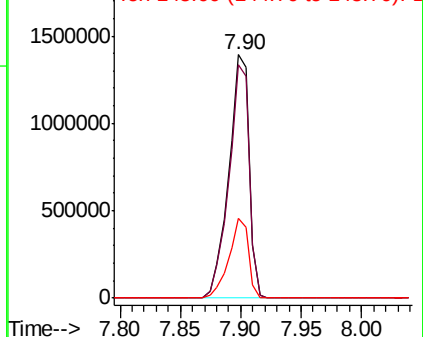


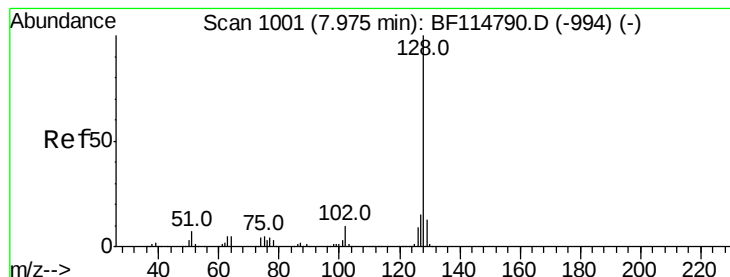
#30
1,2,4-Trichlorobenzene
Concen: 46.264 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion:180 Resp: 1634752
Ion Ratio Lower Upper
180 100
182 95.8 76.5 114.7
145 32.7 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: 46.154 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

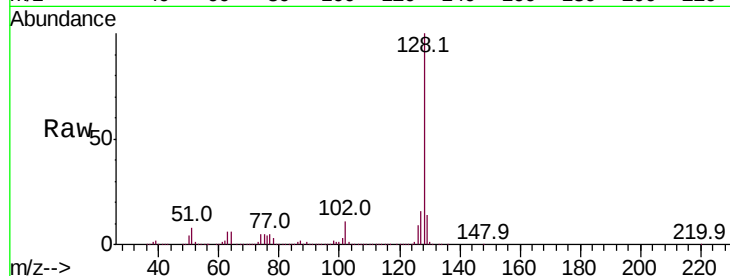
Tot Ion:128 Resp: 4390244

Ion Ratio Lower Upper

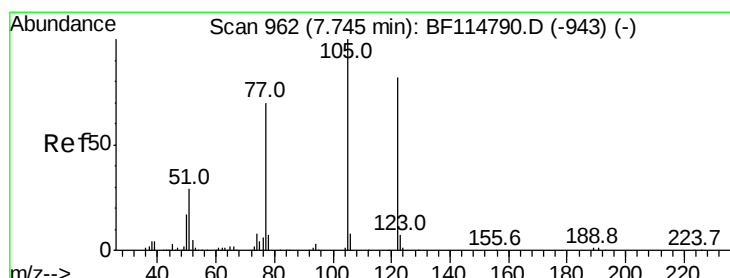
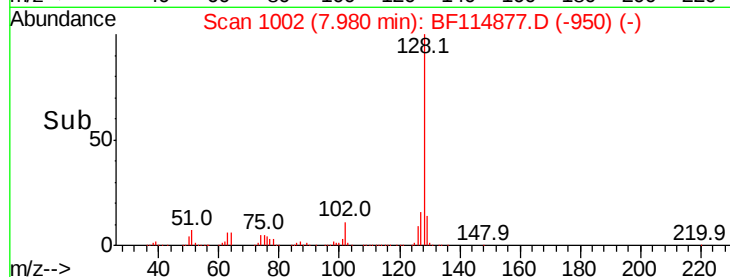
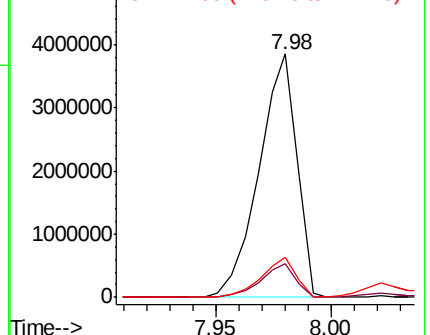
128 100

129 13.9 10.0 15.0

127 16.3 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: 50.402 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.04 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

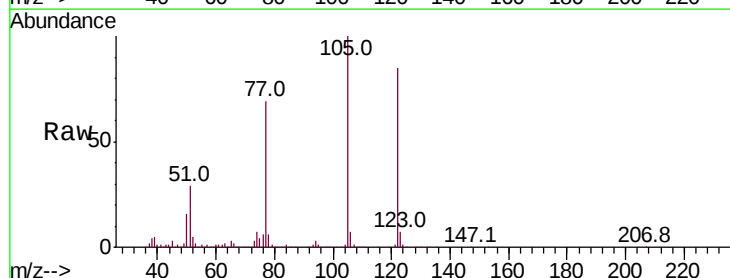
Tgt Ion:122 Resp: 1074523

Ion Ratio Lower Upper

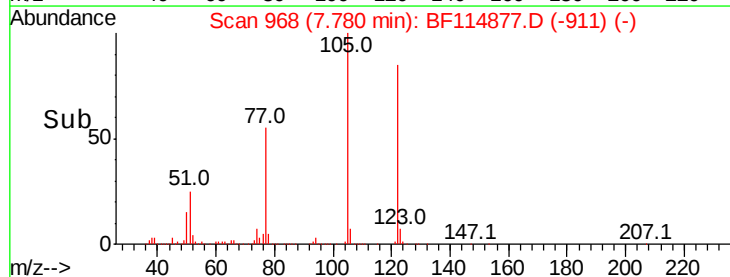
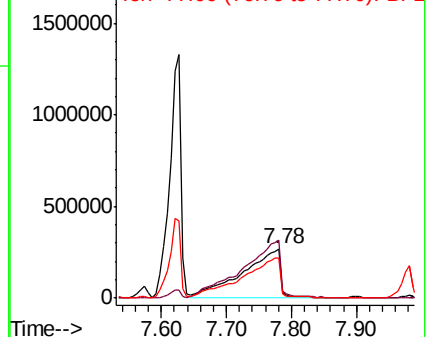
122 100

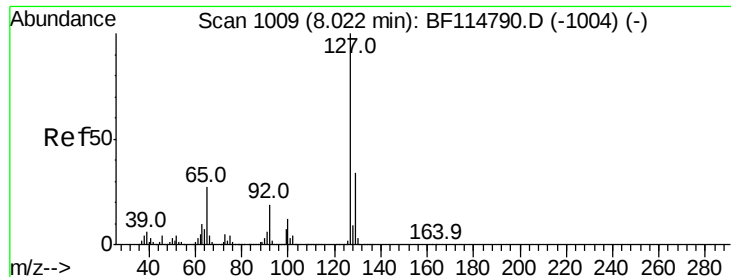
105 118.3 98.7 138.7

77 82.1 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

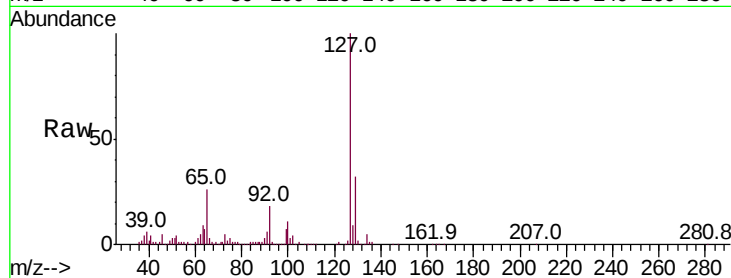




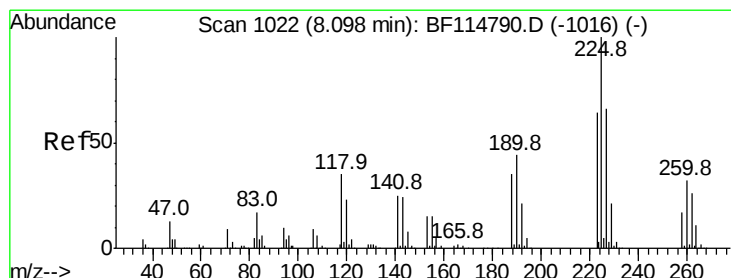
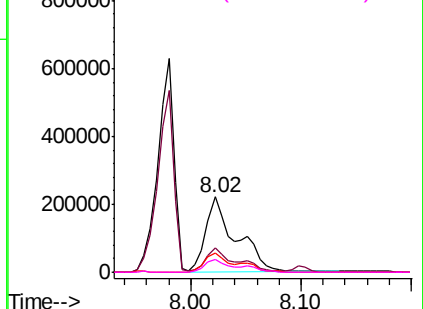
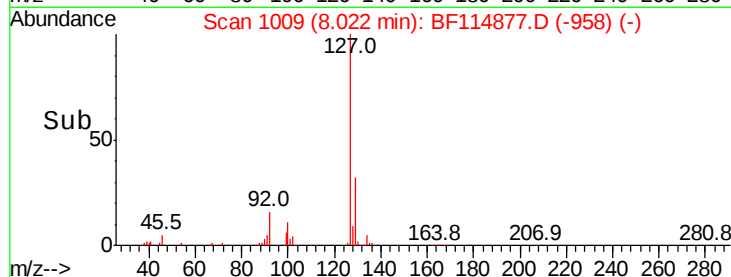
#33
 4-Chloroaniline
 Concen: 9.103 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

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

Tot Ion:	127	Resp:	413102
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.9	40.3
65	25.9	21.7	32.5
92	17.6	14.8	22.2

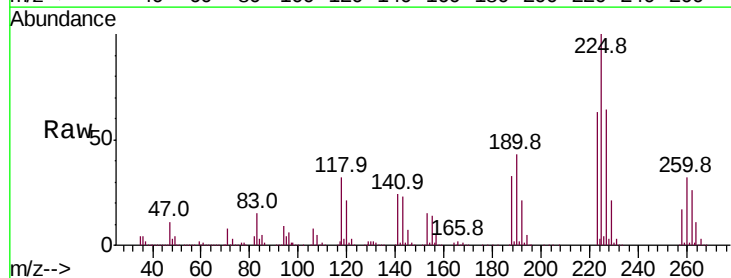


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

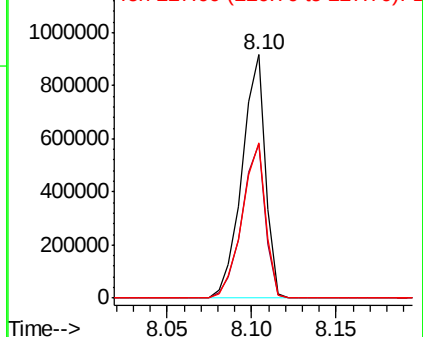
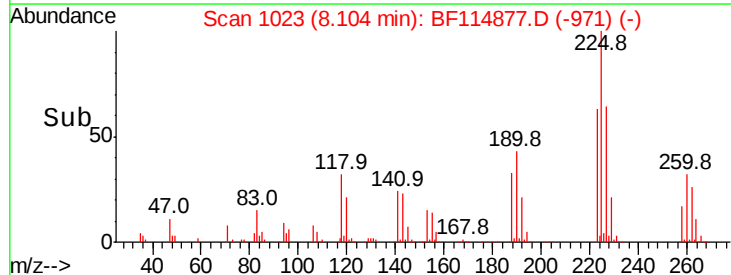


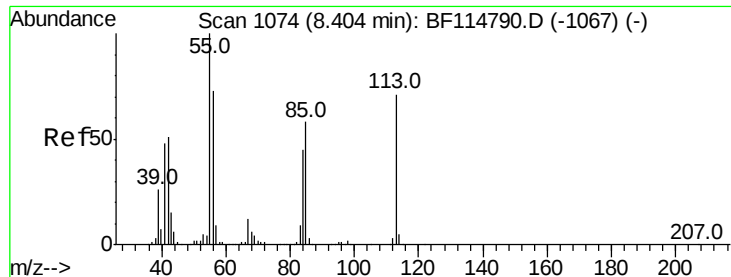
#34
 Hexachlorobutadiene
 Concen: 44.133 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Tgt Ion:	225	Resp:	886595
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	63.7	52.6	78.8



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

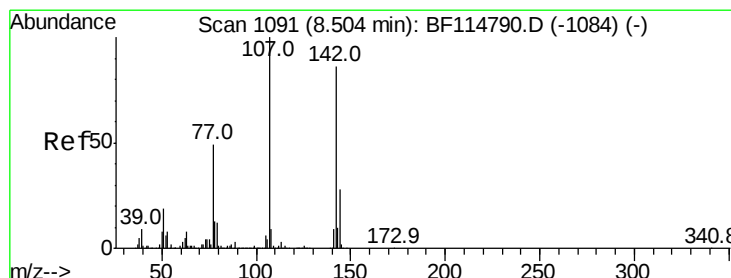
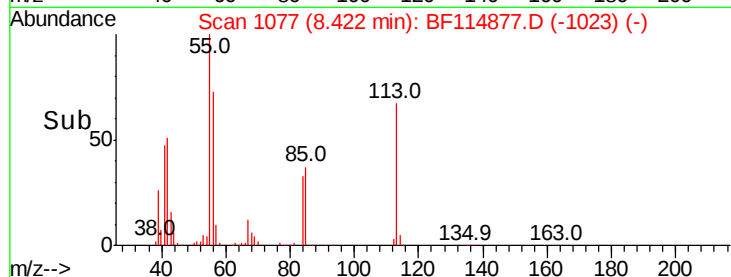
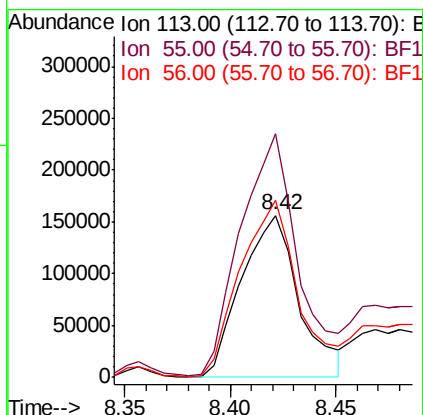
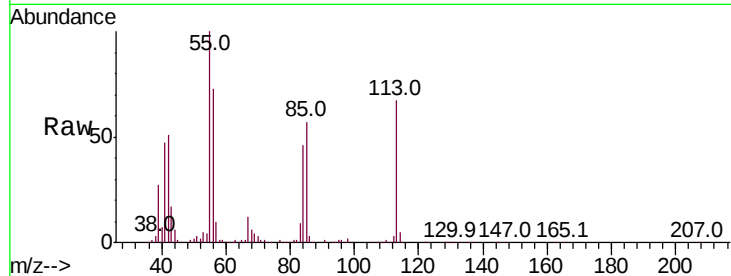




#35
 Caprolactam
 Concen: 29.545 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. 0.02 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

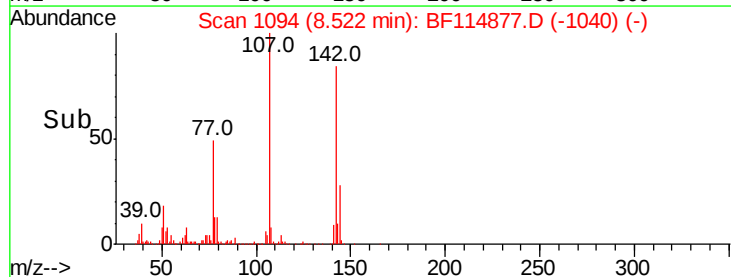
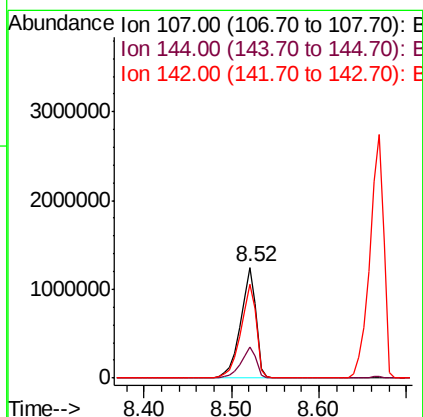
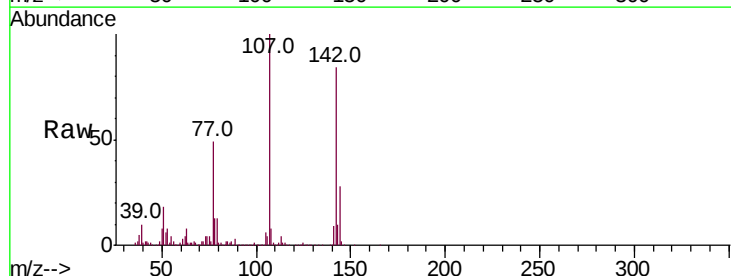
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMS

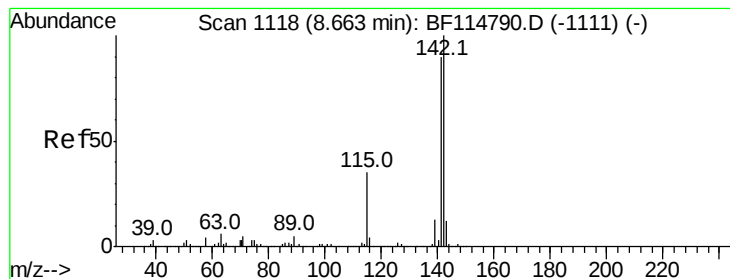
Tot Ion:113 Resp: 297222
 Ion Ratio Lower Upper
 113 100
 55 150.1 121.1 161.1
 56 109.5 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 48.728 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. 0.02 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Tgt Ion:107 Resp: 1493213
 Ion Ratio Lower Upper
 107 100
 144 27.8 22.1 33.1
 142 84.5 68.4 102.6





#37

2-Methylnaphthalene

Concen: 46.065 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

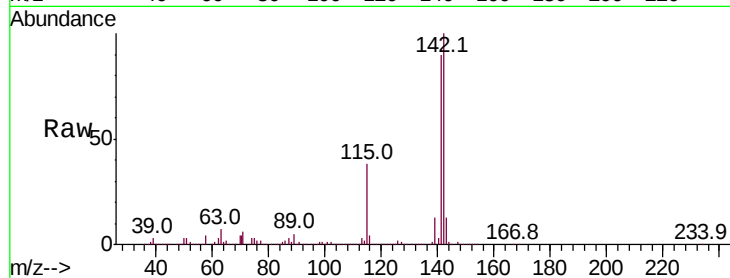
Tot Ion:142 Resp: 3039255

Ion Ratio Lower Upper

142 100

141 90.3 71.6 107.4

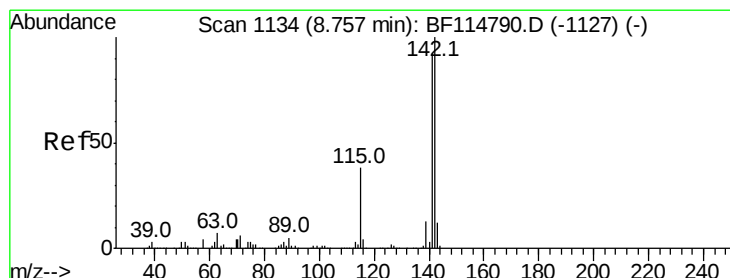
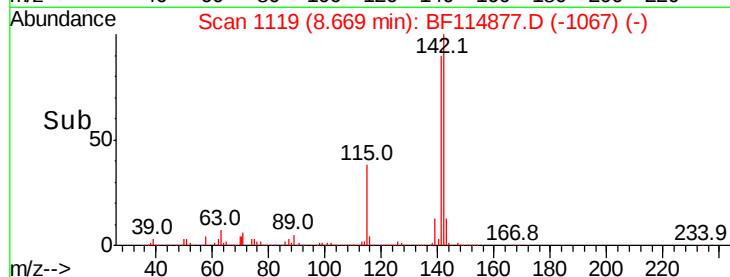
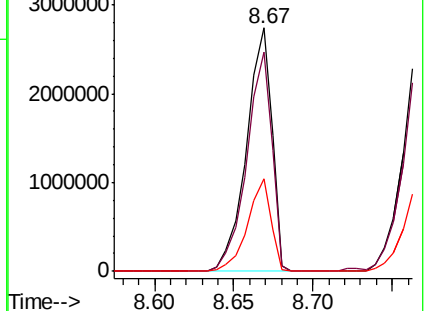
115 37.8 28.2 42.4



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: 46.383 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

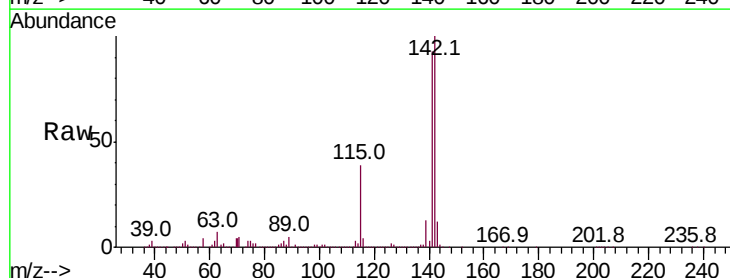
Tgt Ion:142 Resp: 2902141

Ion Ratio Lower Upper

142 100

141 92.8 73.8 110.6

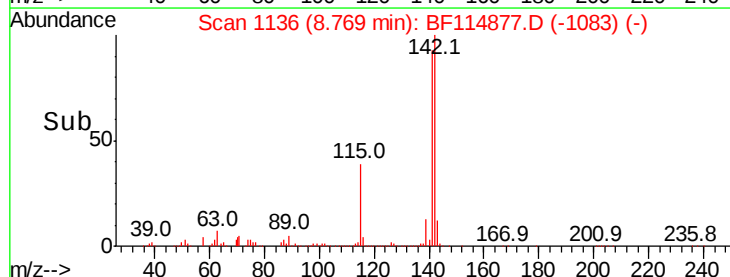
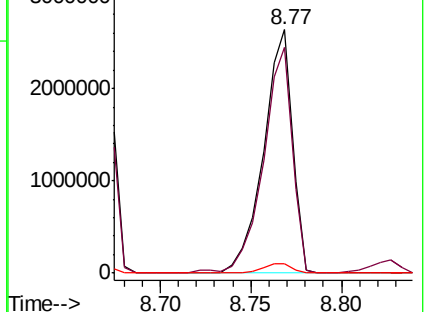
116 4.1 3.3 4.9

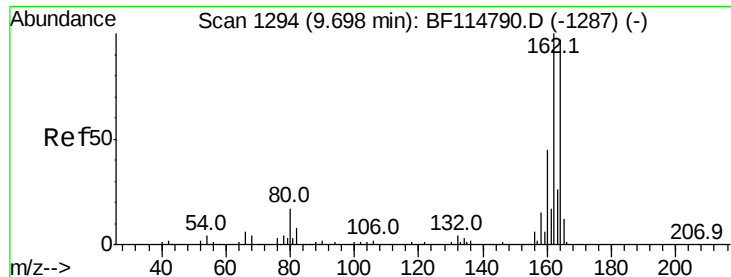


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

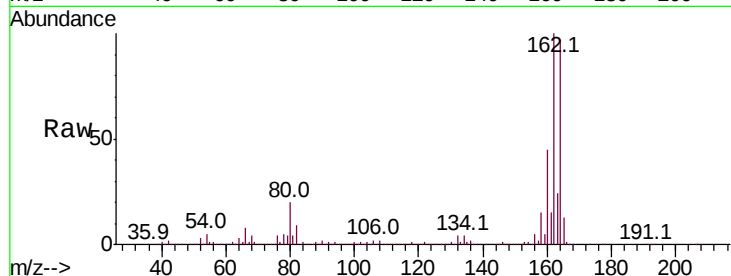
Tot Ion:164 Resp: 984511

Ion Ratio Lower Upper

164 100

162 103.1 82.3 123.5

160 46.7 36.7 55.1

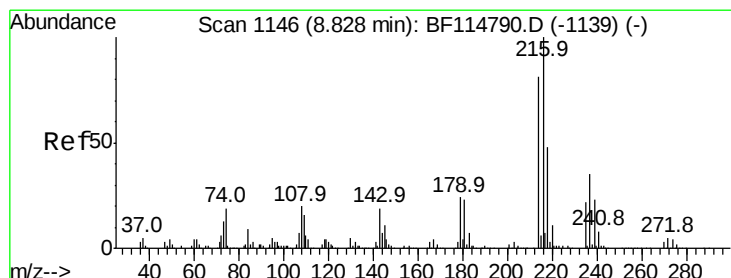
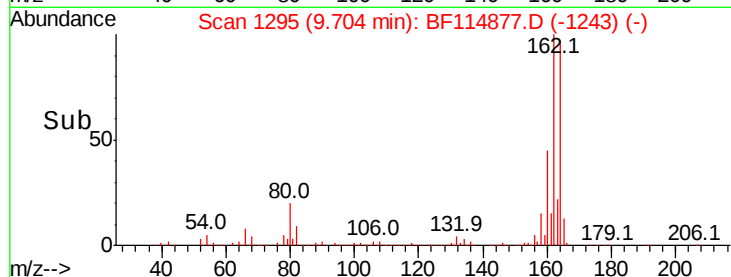
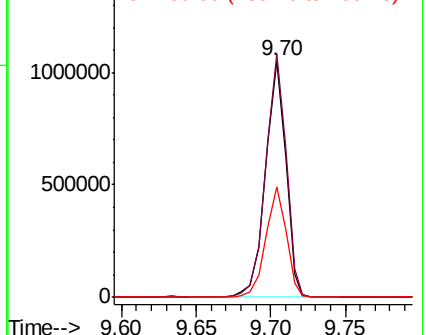


Abundance

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: 45.594 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Tgt Ion:216 Resp: 1293595

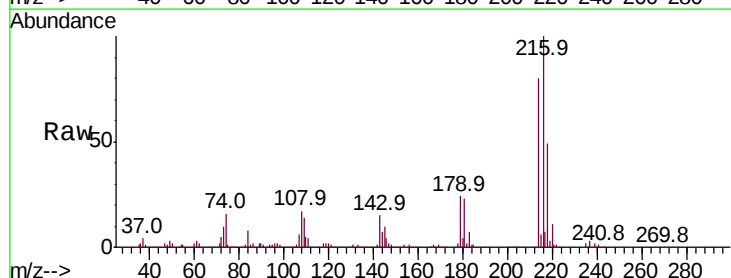
Ion Ratio Lower Upper

216 100

214 80.3 63.4 95.2

179 23.7 18.3 27.5

108 20.8 15.5 23.3



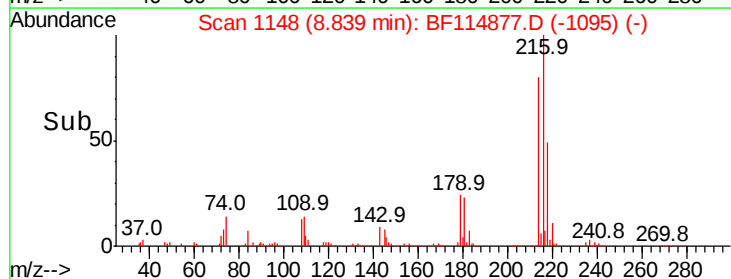
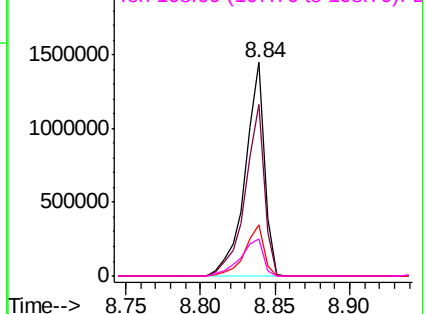
Abundance

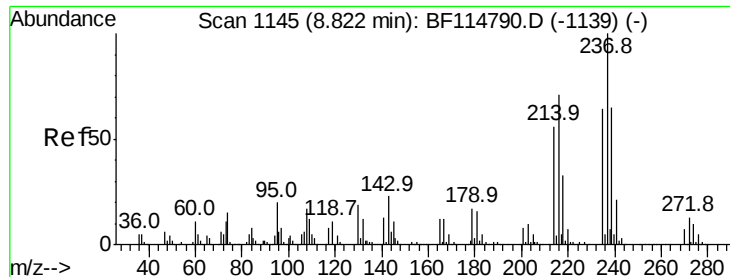
Ion 216.00 (215.70 to 216.70): E

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: 68.225 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

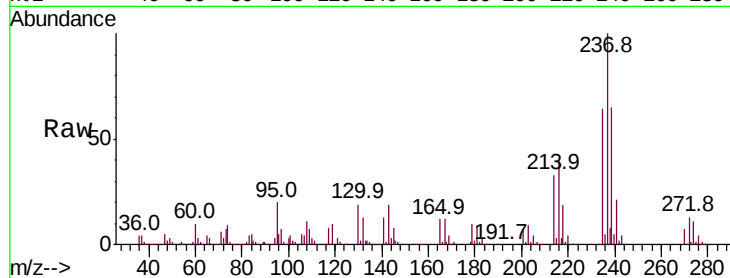
Tot Ion:237 Resp: 1173985

Ion Ratio Lower Upper

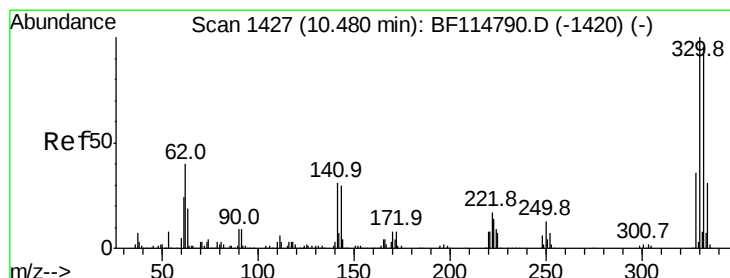
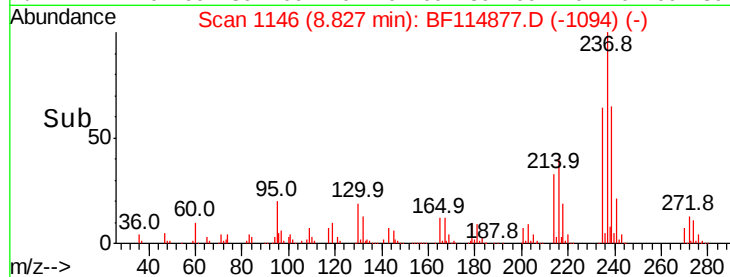
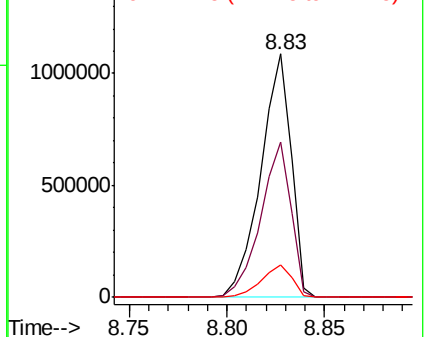
237 100

235 64.0 44.0 84.0

272 13.5 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: 121.273 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.02 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

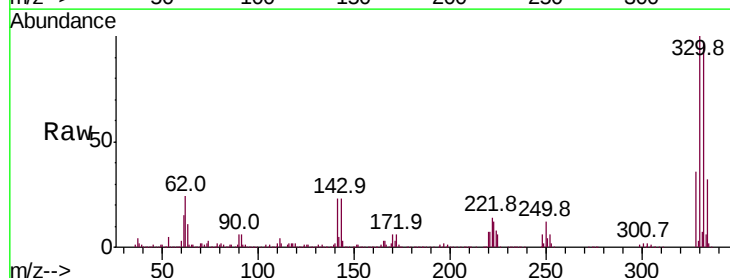
Tgt Ion:330 Resp: 1286665

Ion Ratio Lower Upper

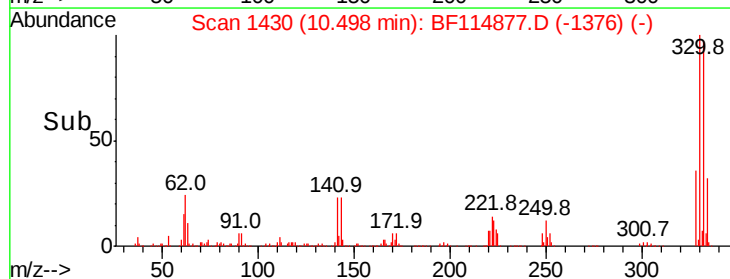
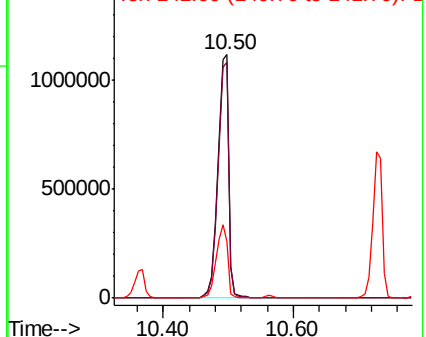
330 100

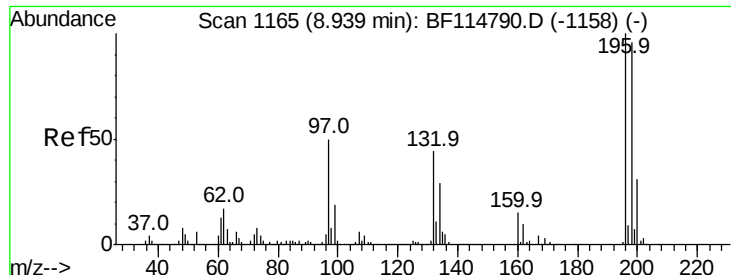
332 96.4 77.3 115.9

141 31.2 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

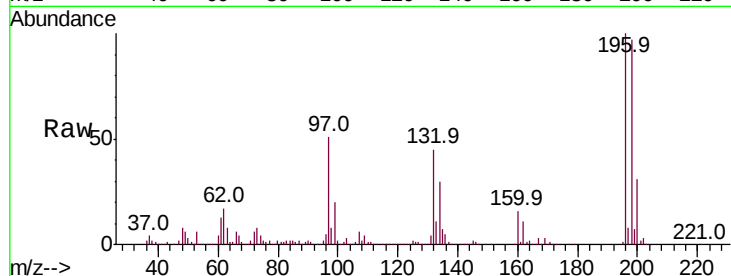




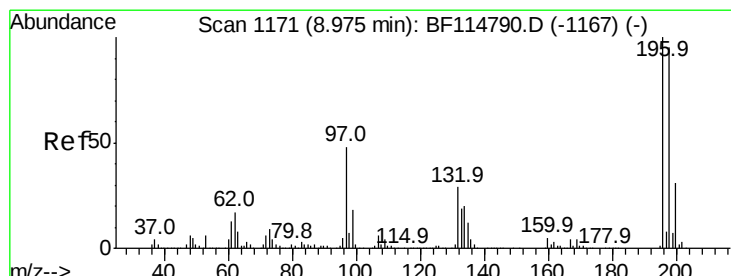
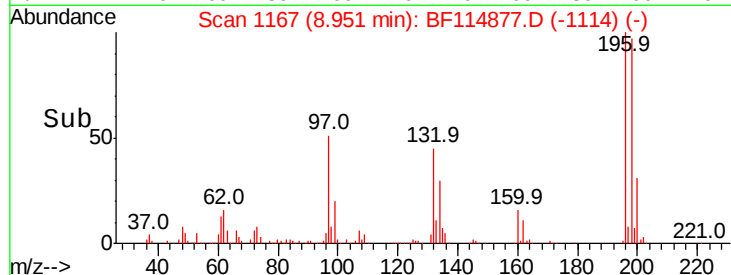
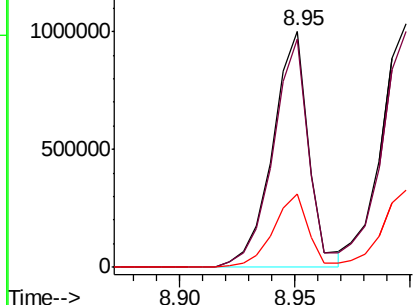
#43
 2,4,6-Trichlorophenol
 Concen: 49.137 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

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

Tot Ion:196 Resp: 1084056
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.1 115.7
 200 31.3 24.6 36.8



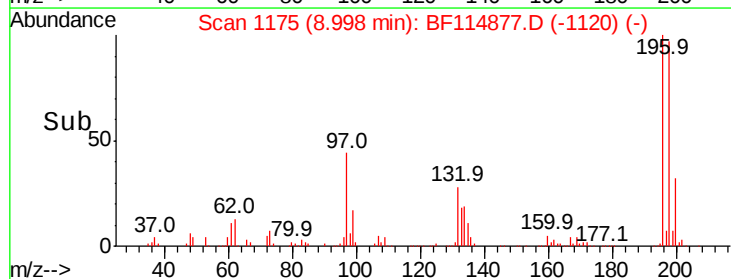
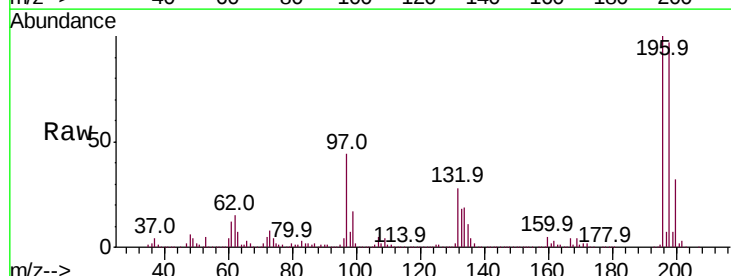
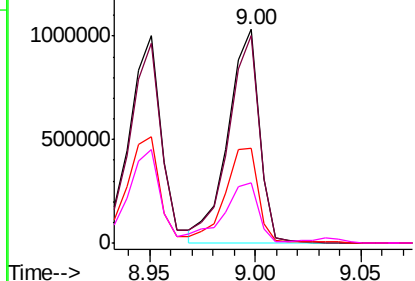
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

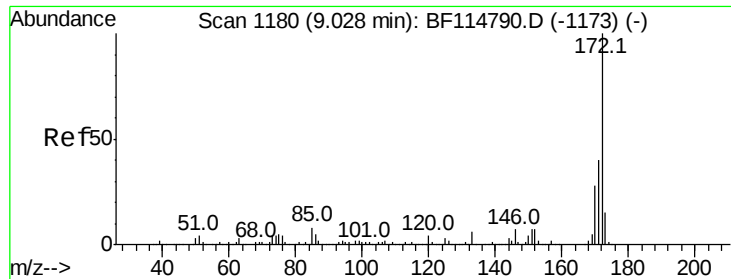


#44
 2,4,5-Trichlorophenol
 Concen: 47.656 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.02 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Tgt Ion:196 Resp: 1058834
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.2 114.4
 97 44.5 38.2 57.4
 132 28.4 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

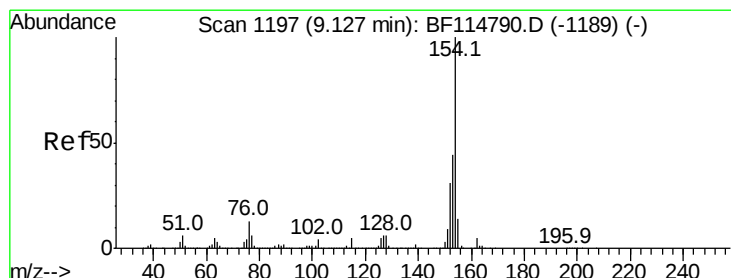
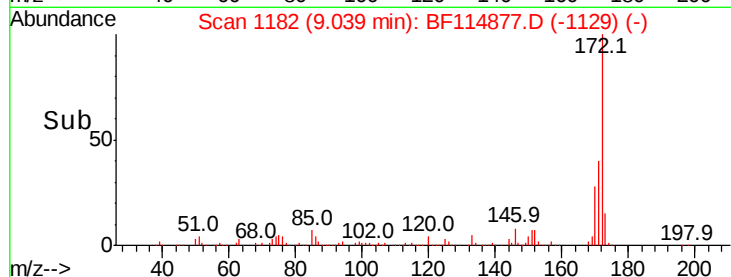
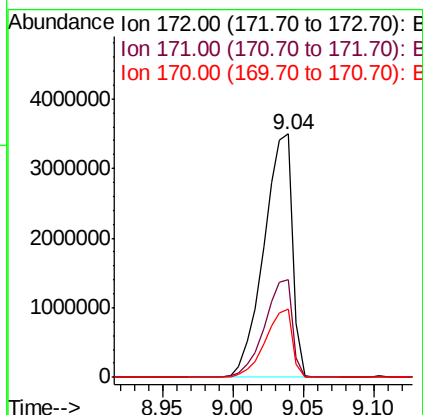
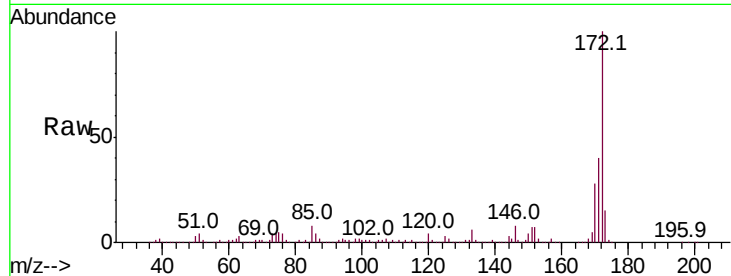




#45
2-Fluorobiphenyl
Concen: 94.808 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

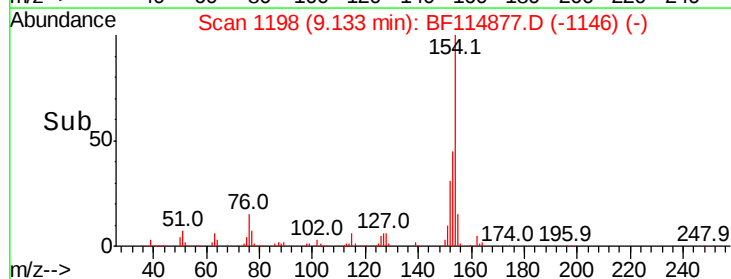
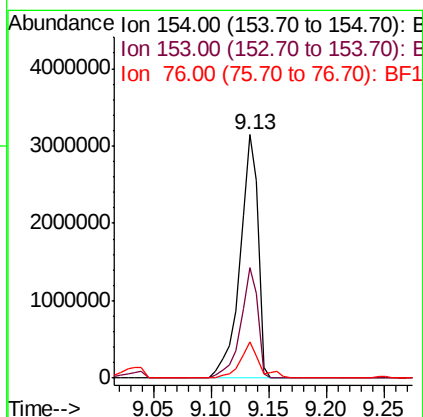
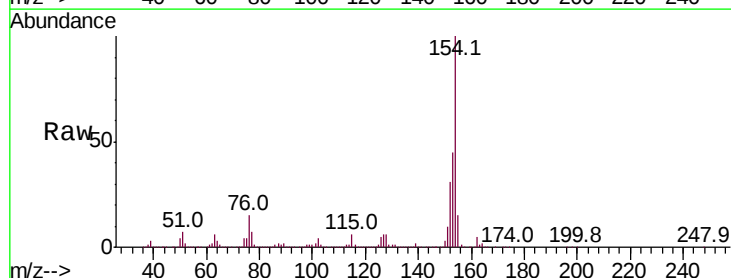
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

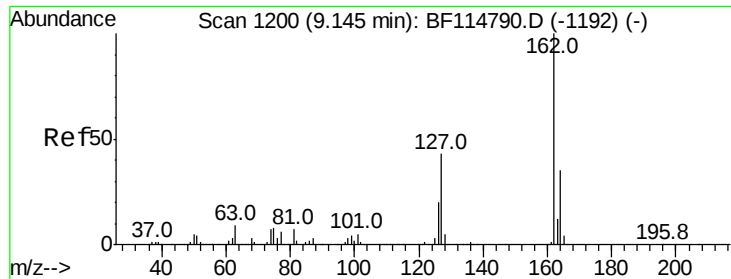
Tot Ion:172 Resp: 4982701
Ion Ratio Lower Upper
172 100
171 40.3 32.3 48.5
170 28.0 22.4 33.6



#46
1,1'-Biphenyl
Concen: 46.556 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion:154 Resp: 3397087
Ion Ratio Lower Upper
154 100
153 45.2 23.9 63.9
76 14.9 0.0 33.2

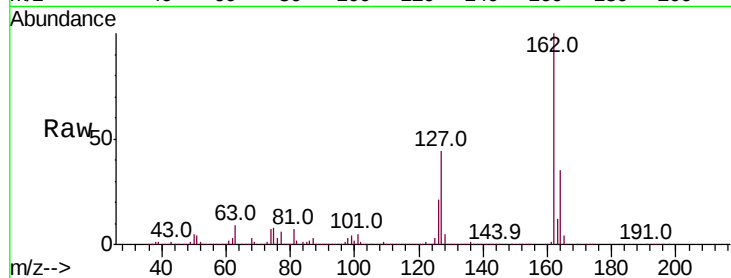




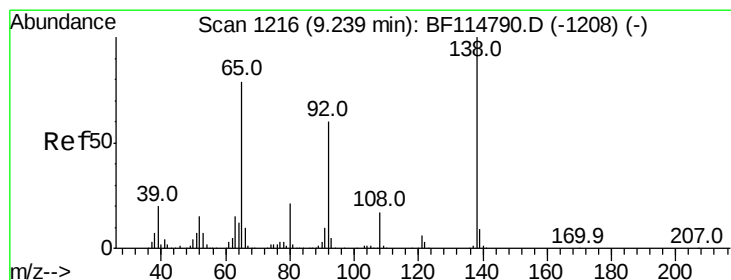
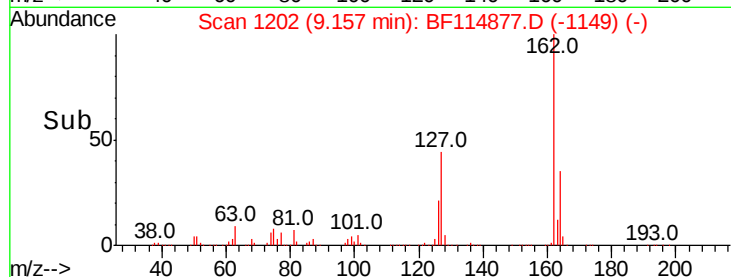
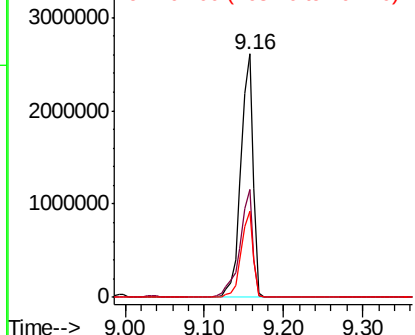
#47
2-Chloronaphthalene
Concen: 45.142 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

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

Tot Ion:162 Resp: 2798877
Ion Ratio Lower Upper
162 100
127 44.5 34.6 51.8
164 35.5 27.8 41.8

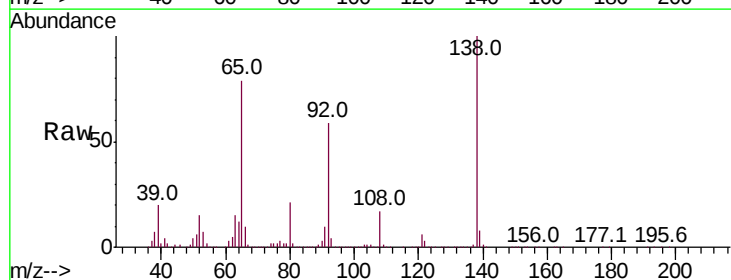


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

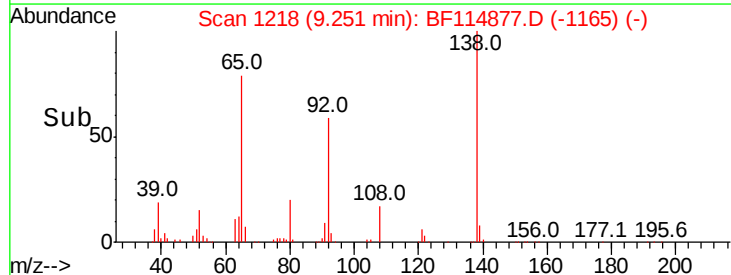
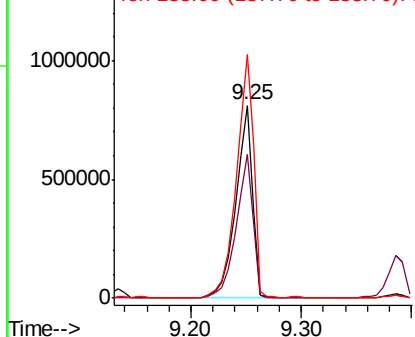


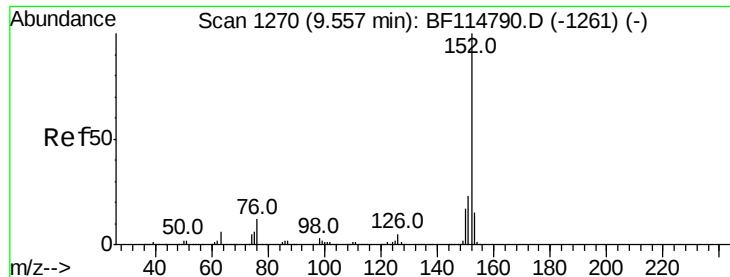
#48
2-Nitroaniline
Concen: 46.423 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion: 65 Resp: 858946
Ion Ratio Lower Upper
65 100
92 74.9 60.4 90.6
138 126.4 101.2 151.8



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: 44.495 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

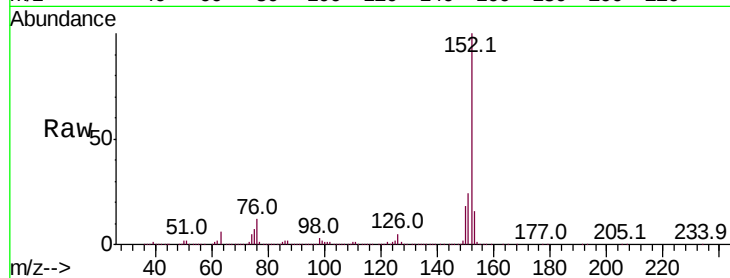
BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

Tot Ion:152 Resp: 4000712

Ion	Ratio	Lower	Upper
152	100		
151	24.1	18.3	27.5
153	16.1	12.3	18.5

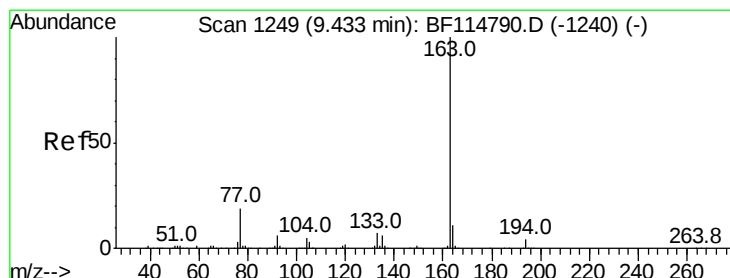
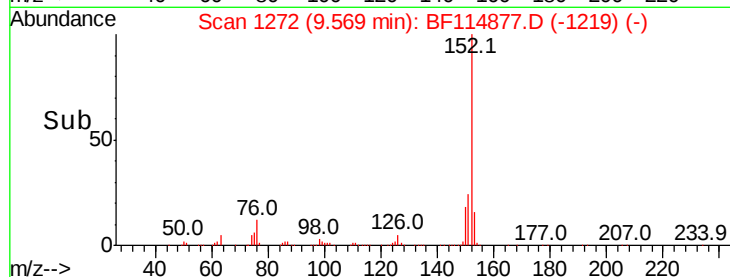
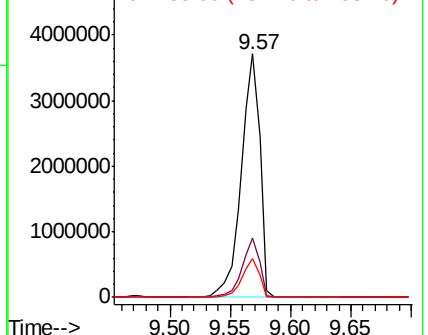


Abundance

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: 59.091 ng

RT: 9.45 min Scan# 1251

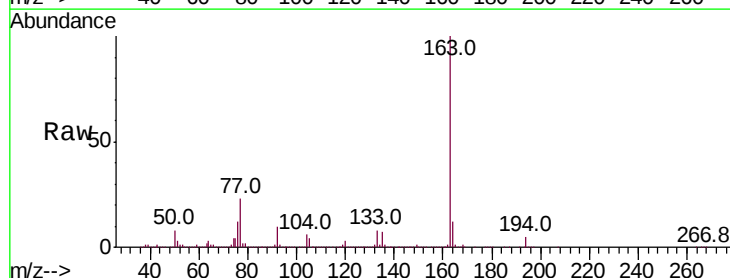
Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Tgt Ion:163 Resp: 4248946

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	11.8	8.6	13.0

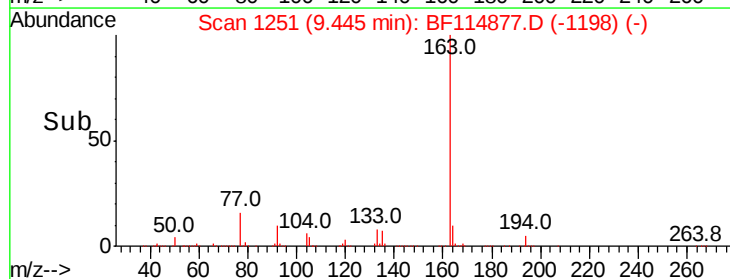
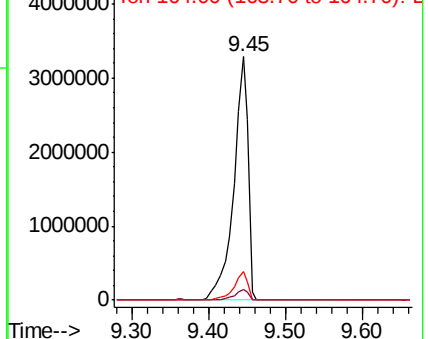


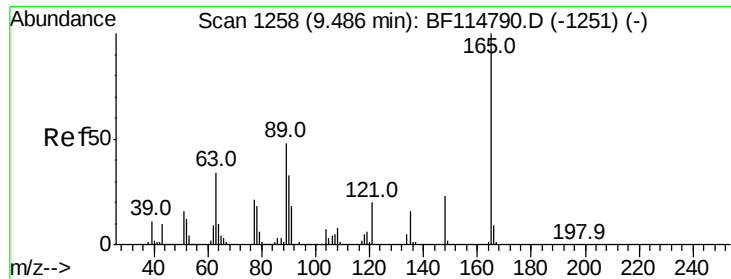
Abundance

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: 48.474 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

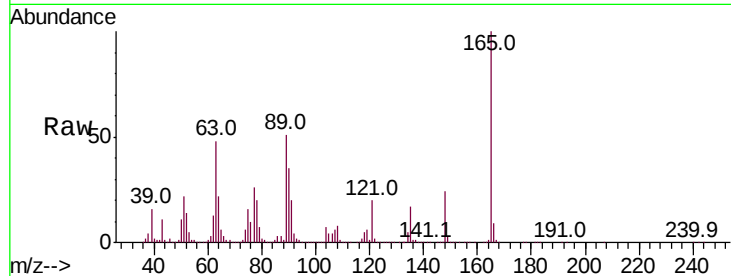
Tot Ion:165 Resp: 819717

Ion Ratio Lower Upper

165 100

63 48.0 35.1 52.7

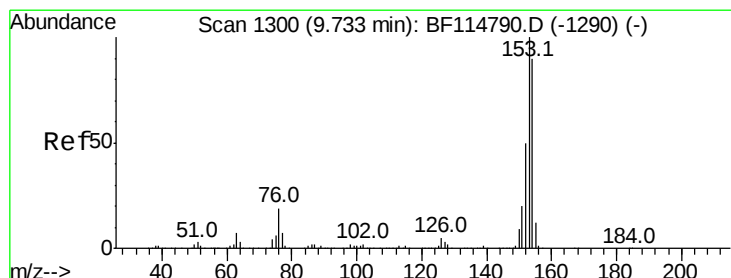
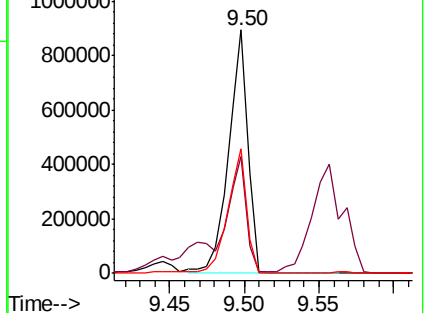
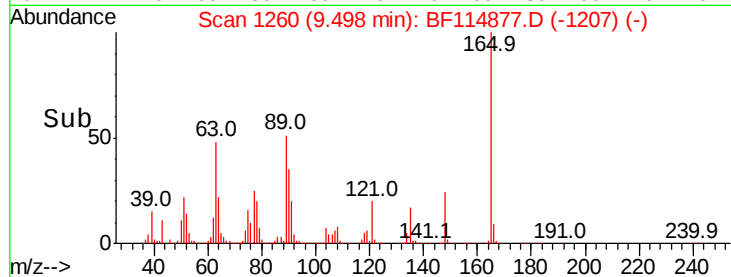
89 51.0 38.2 57.2



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: 42.502 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

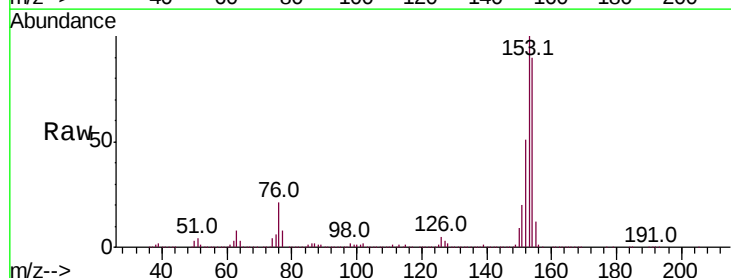
Tgt Ion:154 Resp: 2503326

Ion Ratio Lower Upper

154 100

153 110.5 88.5 132.7

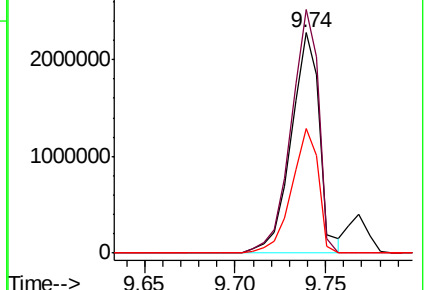
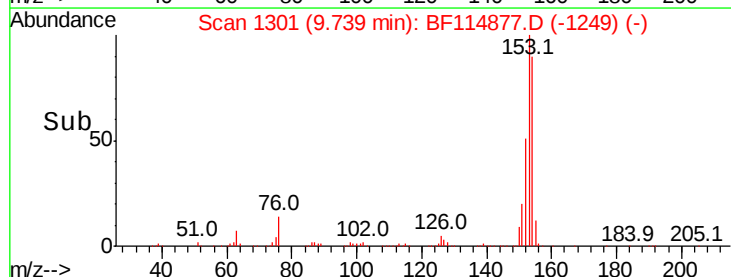
152 56.3 44.1 66.1

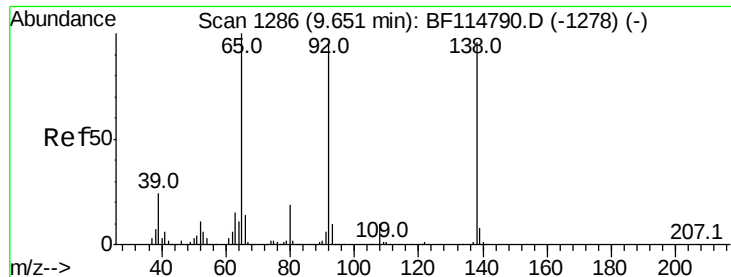


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

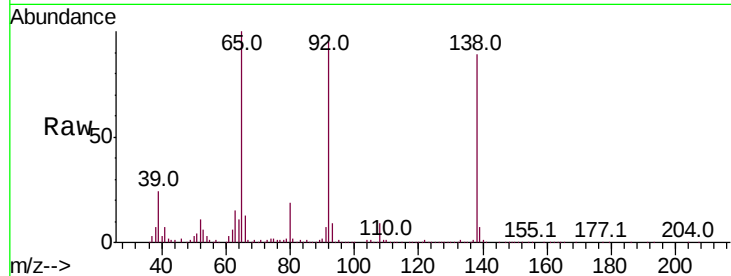




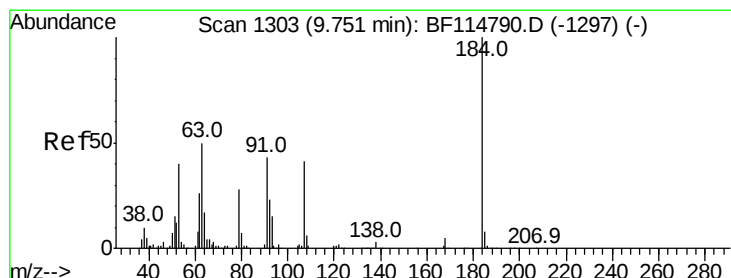
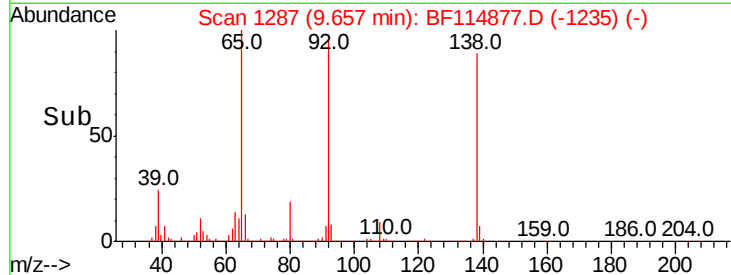
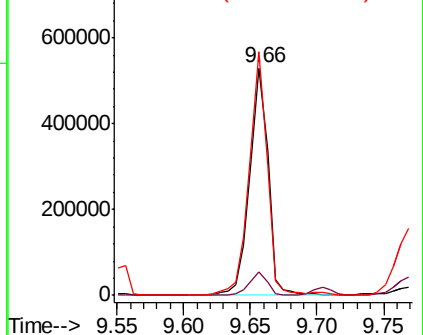
#53
3-Nitroaniline
Concen: 25.226 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

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

Tot Ion:138 Resp: 498322
Ion Ratio Lower Upper
138 100
108 10.1 7.9 11.9
92 107.0 79.9 119.9

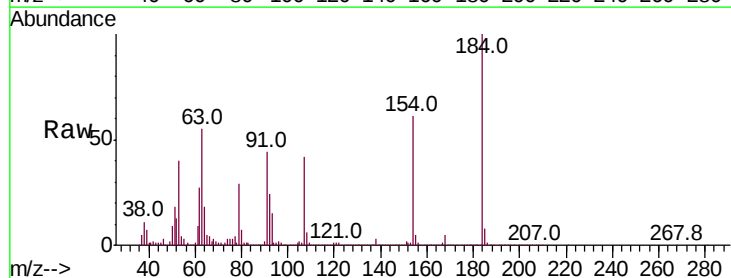


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

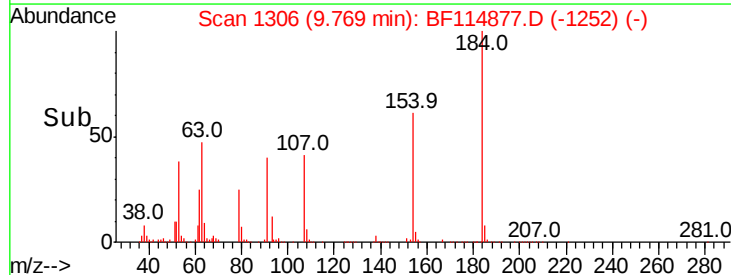
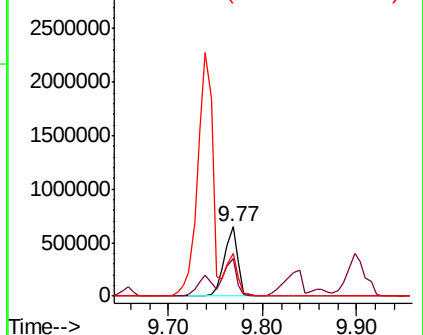


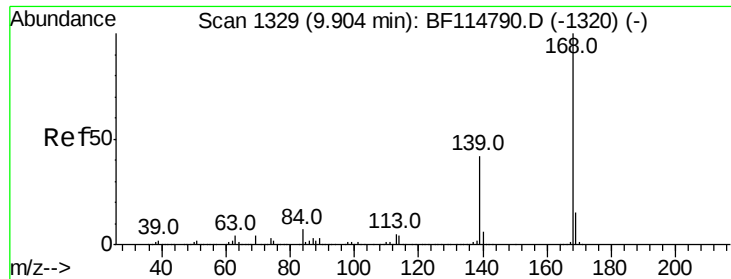
#54
2,4-Dinitrophenol
Concen: 85.927 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.02 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion:184 Resp: 657528
Ion Ratio Lower Upper
184 100
63 54.8 44.1 66.1
154 61.0 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

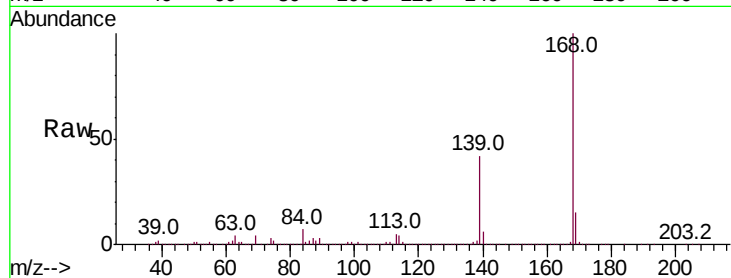




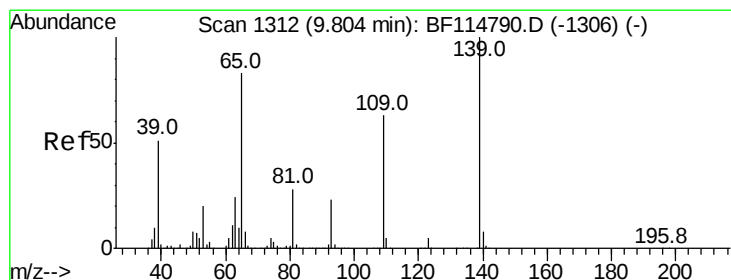
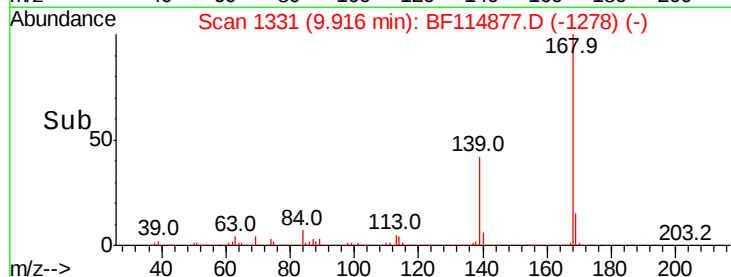
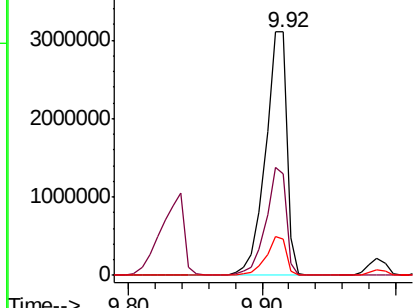
#55
Dibenzofuran
Concen: 42.143 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

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

Tot Ion:168 Resp: 3451603
Ion Ratio Lower Upper
168 100
139 41.7 33.8 50.6
169 14.7 11.9 17.9

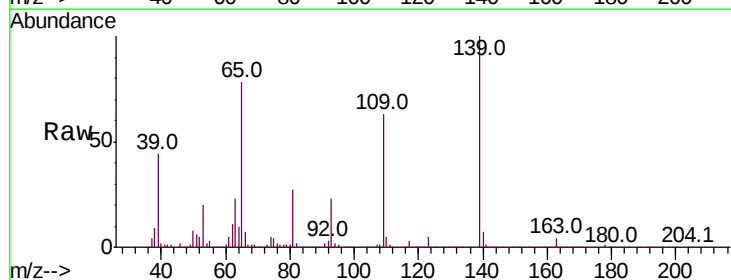


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

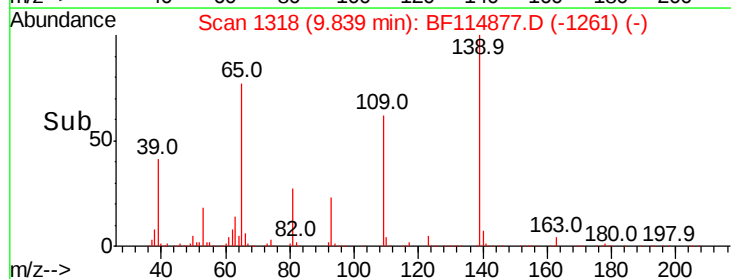
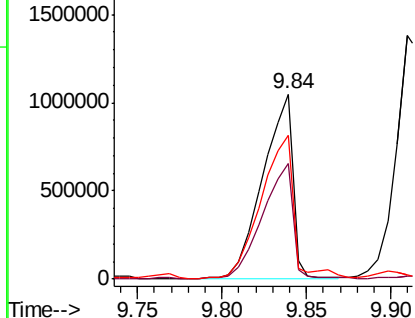


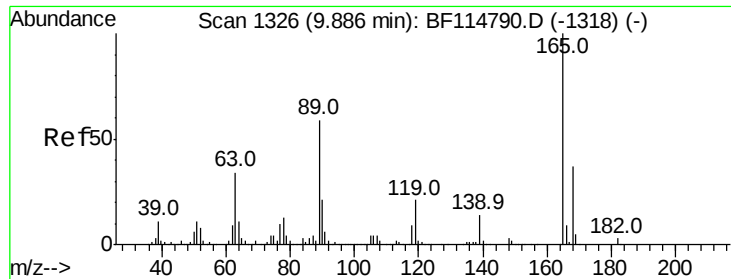
#56
4-Nitrophenol
Concen: 89.797 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.04 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion:139 Resp: 1299841
Ion Ratio Lower Upper
139 100
109 62.6 43.5 83.5
65 77.8 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

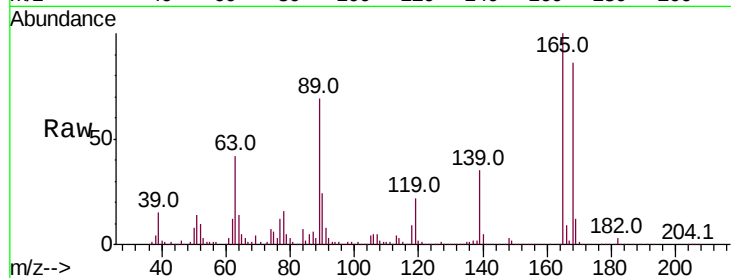




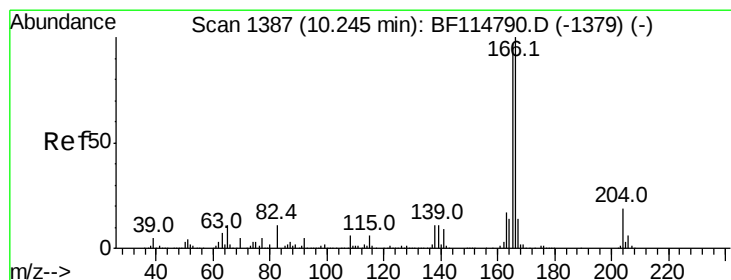
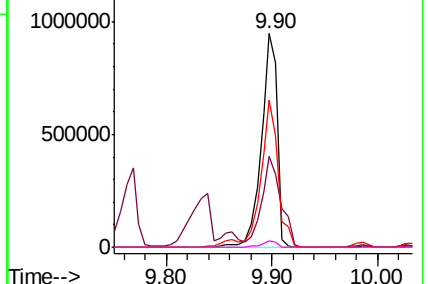
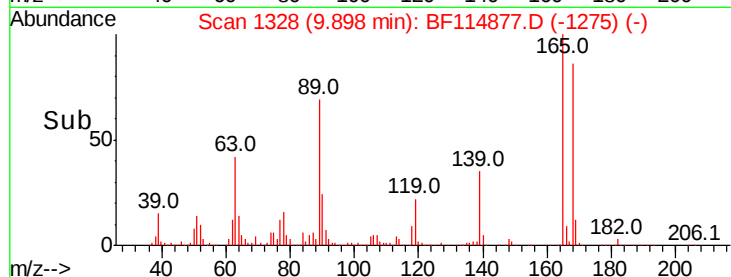
#57
 2,4-Dinitrotoluene
 Concen: 47.326 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

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

Tot Ion:165 Resp: 1006070
 Ion Ratio Lower Upper
 165 100
 63 42.4 27.0 40.4#
 89 68.7 47.0 70.6
 182 2.8 2.2 3.2

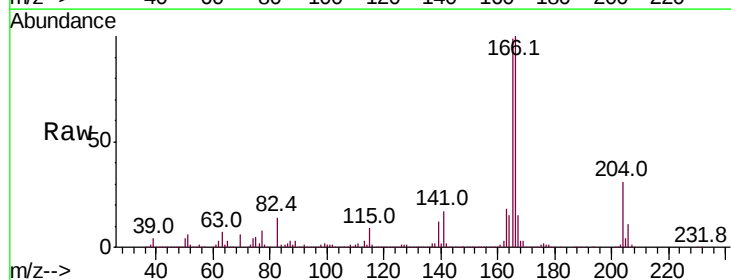


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

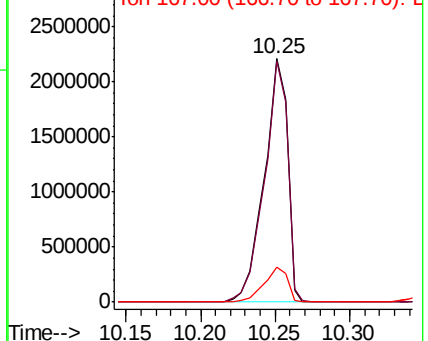
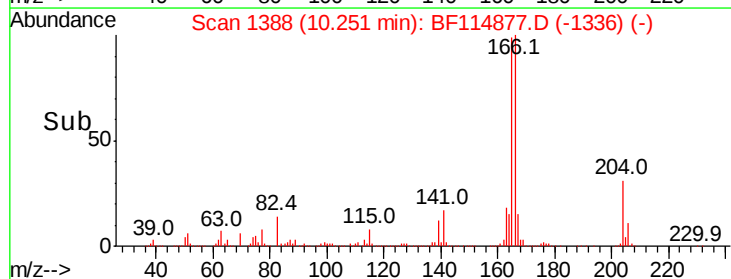


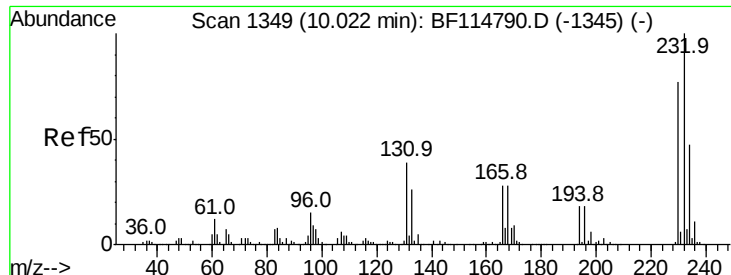
#58
 Fluorene
 Concen: 45.309 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Tgt Ion:166 Resp: 2375042
 Ion Ratio Lower Upper
 166 100
 165 98.8 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

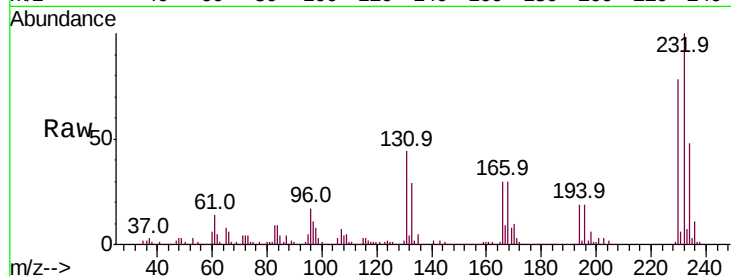




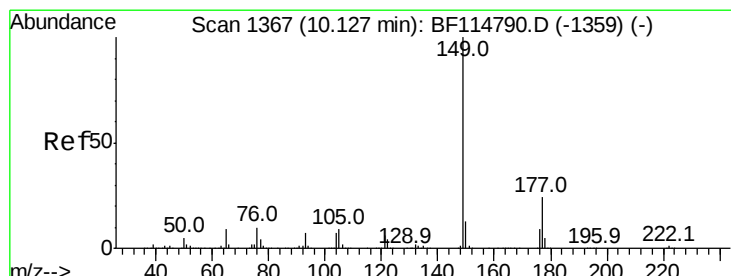
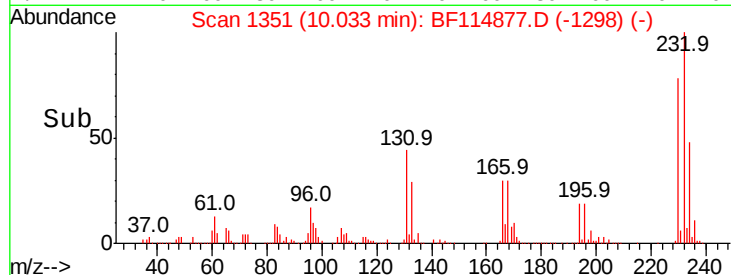
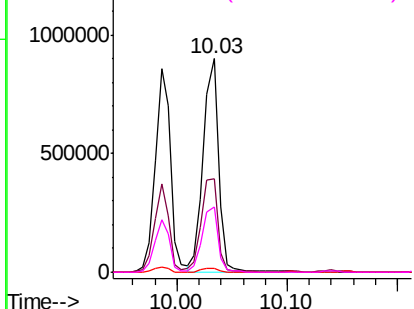
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.401 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

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

Tot Ion:232 Resp: 844642
Ion Ratio Lower Upper
232 100
131 46.8 36.8 55.2
130 2.2 1.8 2.6
166 31.2 24.6 37.0

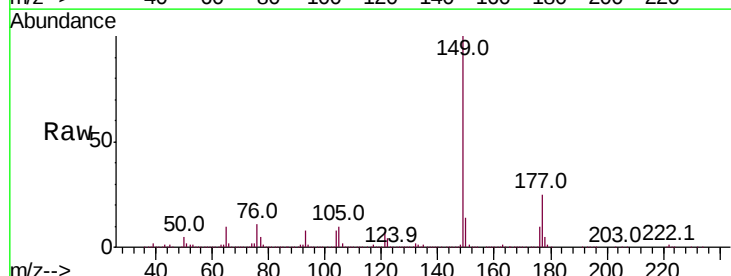


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

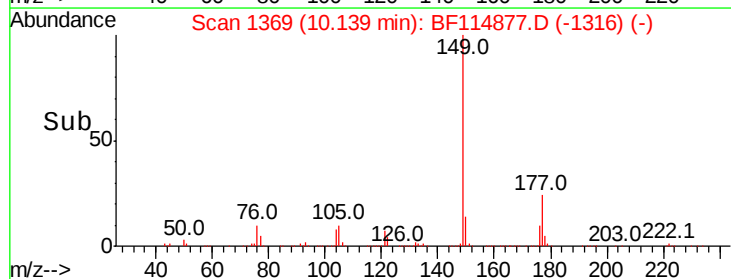
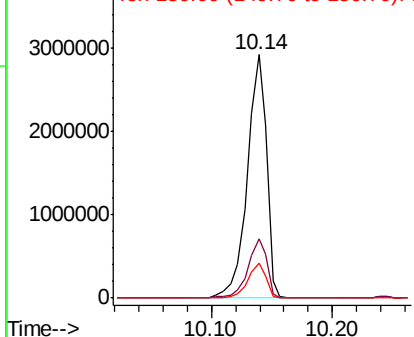


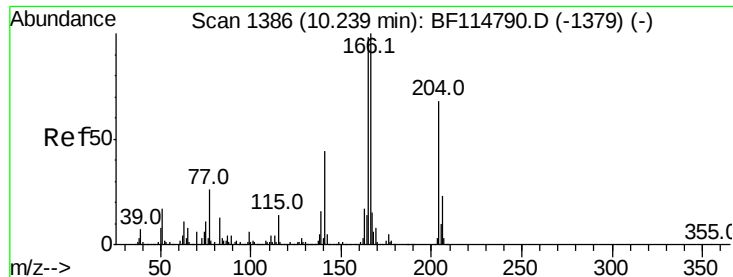
#60
Diethylphthalate
Concen: 45.056 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion:149 Resp: 3250955
Ion Ratio Lower Upper
149 100
177 24.5 19.3 28.9
150 14.2 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

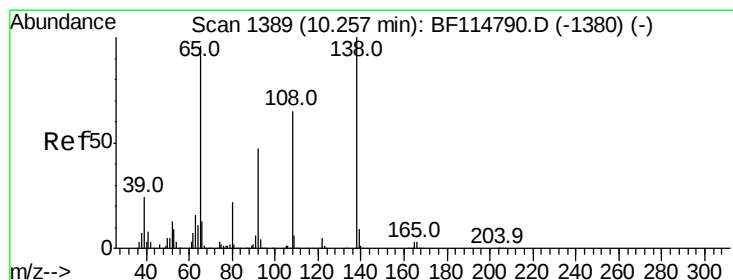
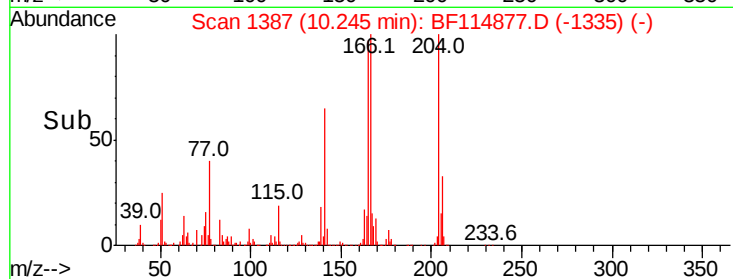
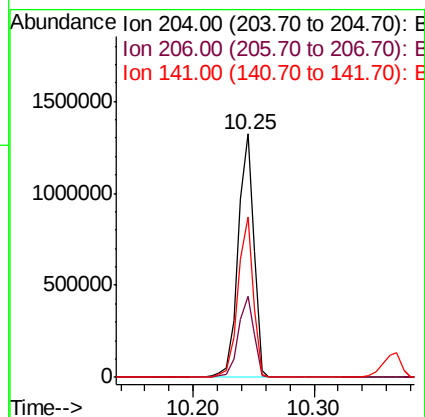
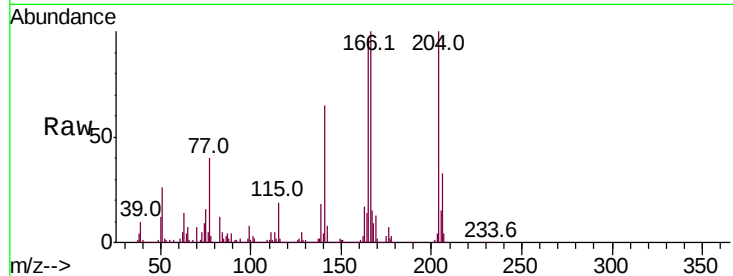




#61
4-Chlorophenyl-phenylether
Concen: 38.349 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

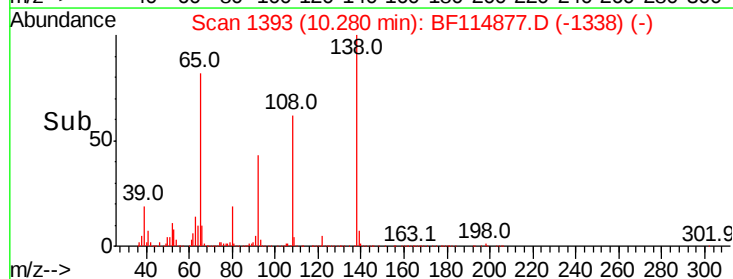
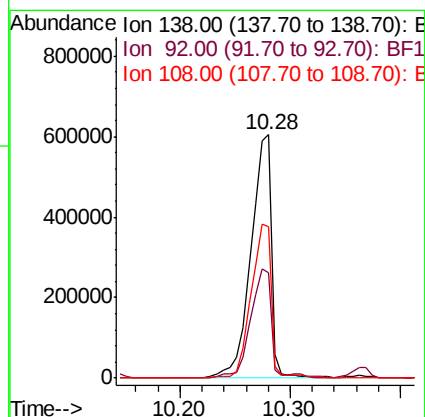
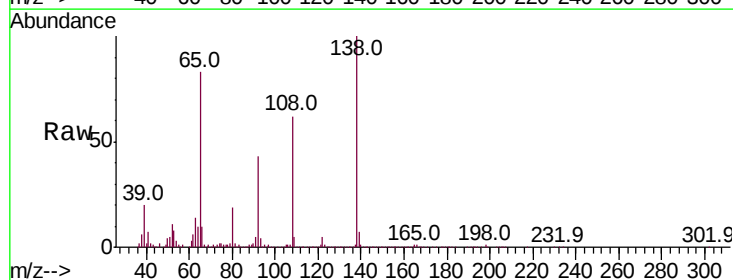
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

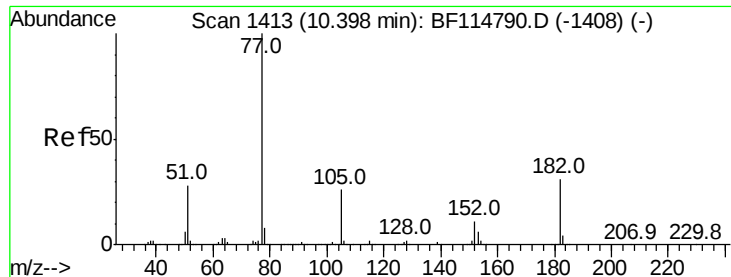
Tot Ion:204 Resp: 1202967
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 65.7 51.0 76.4



#62
4-Nitroaniline
Concen: 41.391 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.02 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion:138 Resp: 793070
Ion Ratio Lower Upper
138 100
92 43.0 26.5 66.5
108 62.1 45.4 85.4

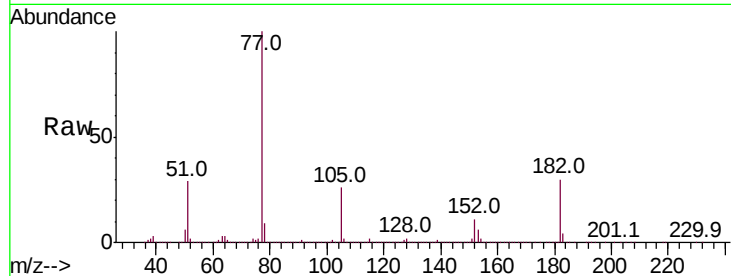




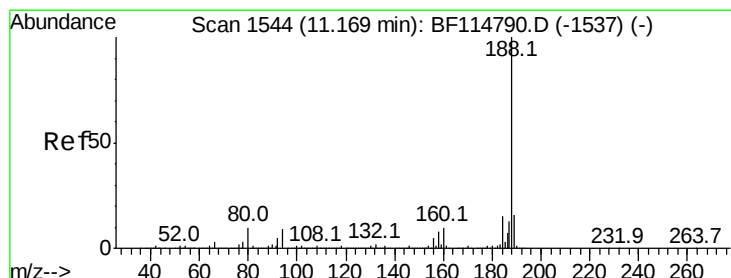
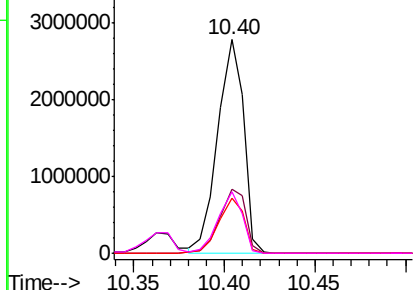
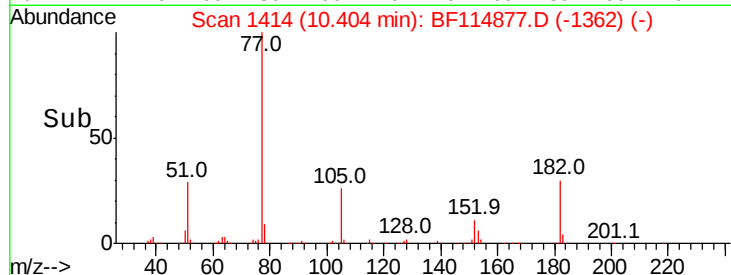
#63
Azobenzene
Concen: 45.003 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

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

Tot Ion: 77 Resp: 2764006
Ion Ratio Lower Upper
77 100
182 29.9 11.2 51.2
105 25.6 5.7 45.7
51 28.8 8.0 48.0

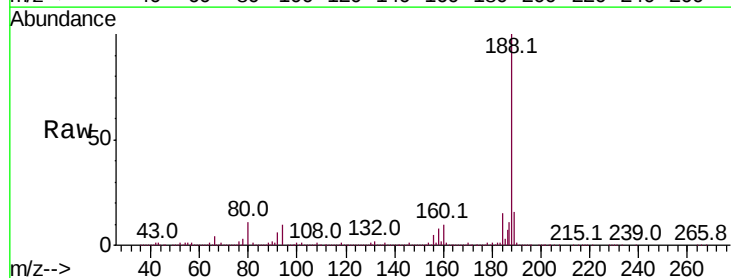


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

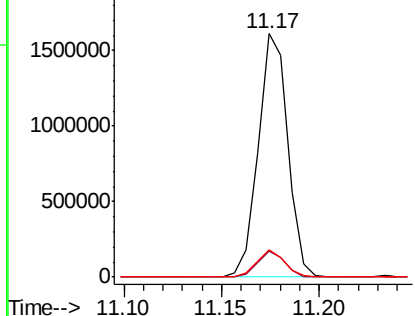
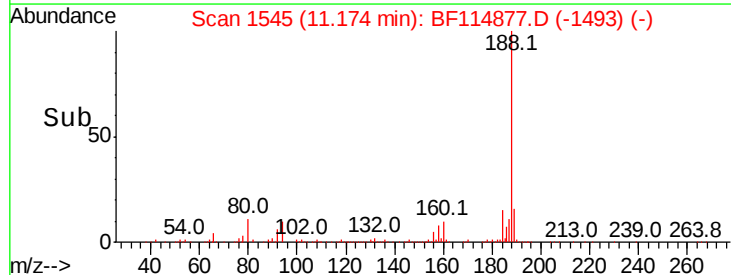


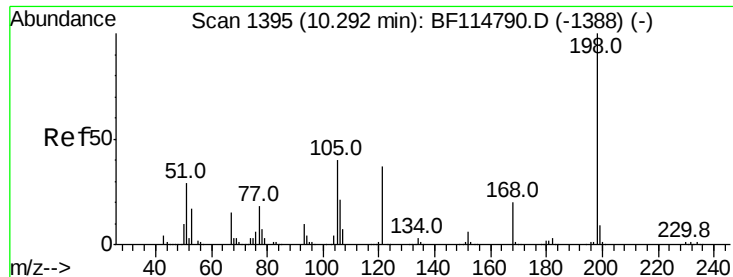
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion: 188 Resp: 1685861
Ion Ratio Lower Upper
188 100
94 10.5 7.6 11.4
80 11.2 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

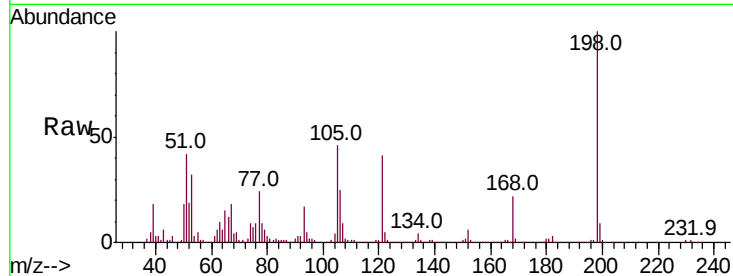




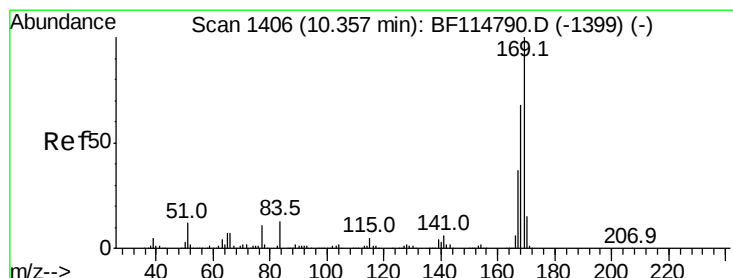
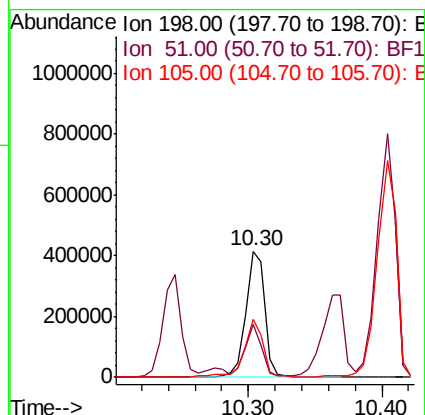
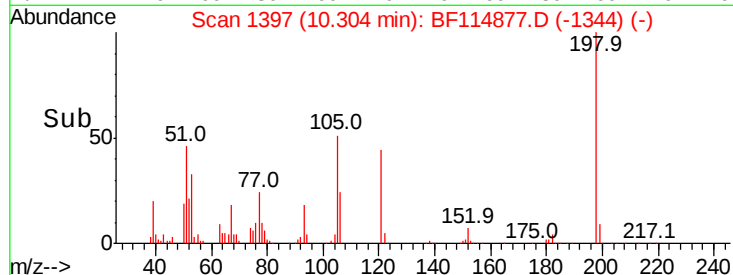
#65
4,6-Dinitro-2-methylphenol
Concen: 46.745 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

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

Tot Ion:198 Resp: 409356
Ion Ratio Lower Upper
198 100
51 41.9 14.9 54.9
105 46.2 21.0 61.0

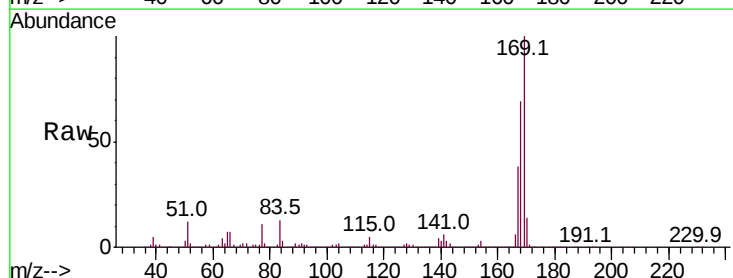


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

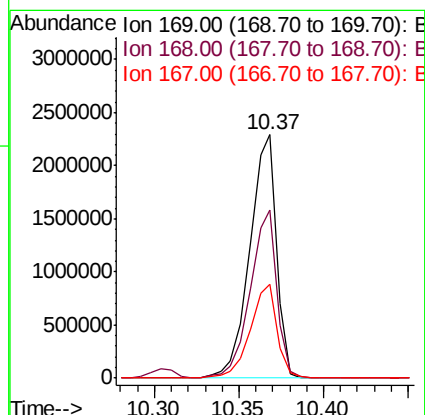
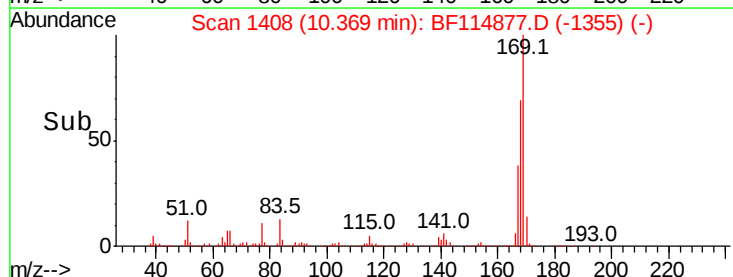


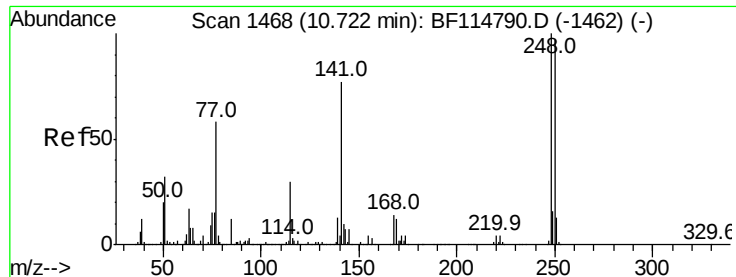
#66
n-Nitrosodiphenylamine
Concen: 49.720 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion:169 Resp: 2534602
Ion Ratio Lower Upper
169 100
168 69.1 54.3 81.5
167 38.4 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

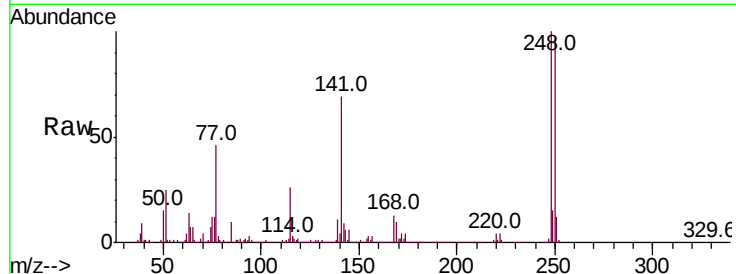




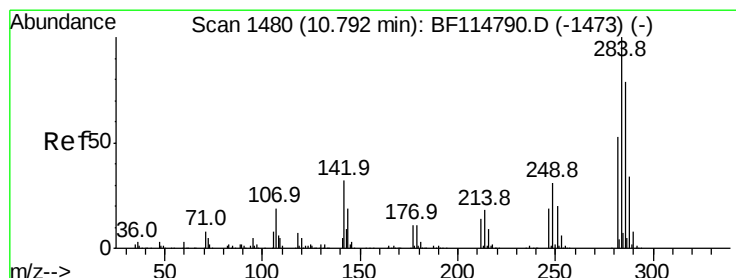
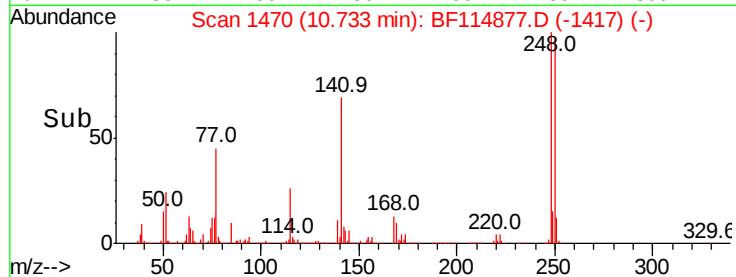
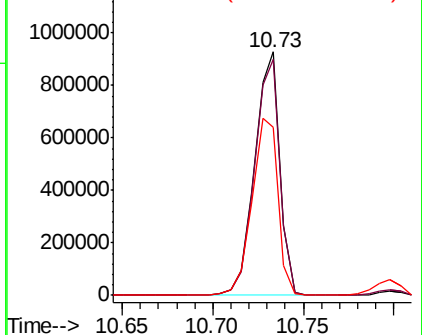
#67
4-Bromophenyl-phenylether
Concen: 46.678 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

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

Tot Ion:248 Resp: 893752
Ion Ratio Lower Upper
248 100
250 97.2 77.5 116.3
141 69.2 61.8 92.8

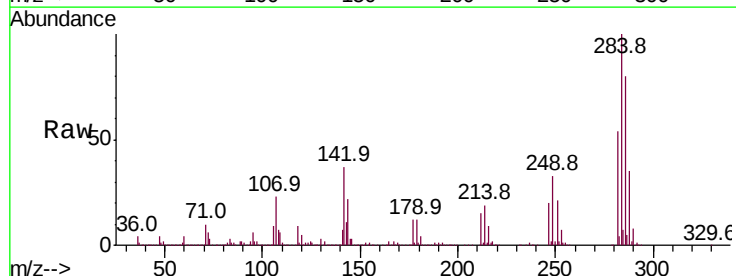


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

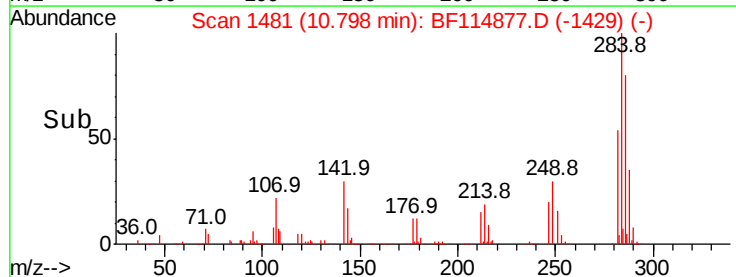
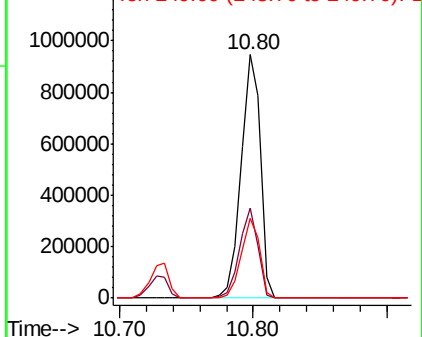


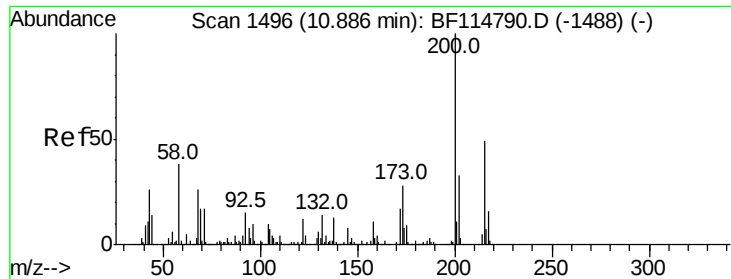
#68
Hexachlorobenzene
Concen: 44.959 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion:284 Resp: 942124
Ion Ratio Lower Upper
284 100
142 37.0 25.3 37.9
249 32.6 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

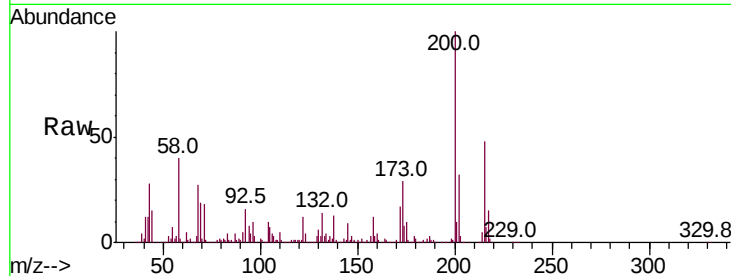




#69
Atrazine
Concen: 46.513 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.0	48.0
215	47.5	28.7	68.7

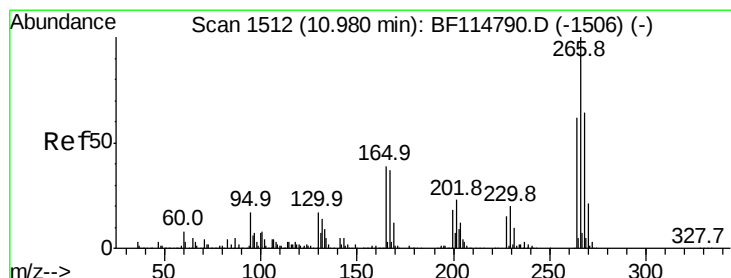
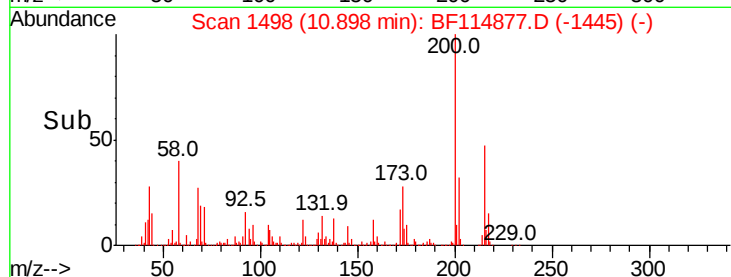
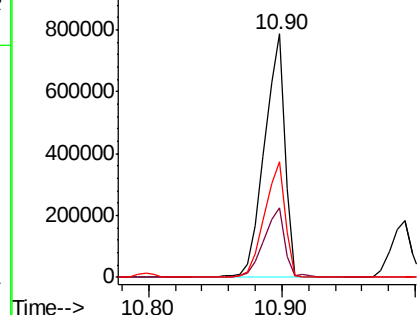


Abundance

Ion 200.00 (199.70 to 200.70): E

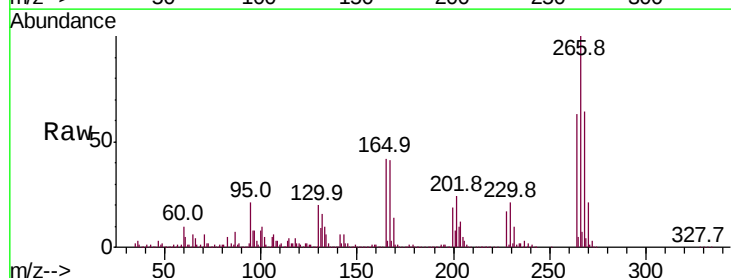
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 86.786 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.0	76.6
264	63.3	49.6	74.4

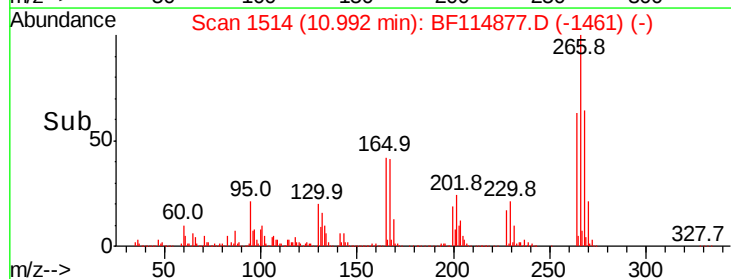
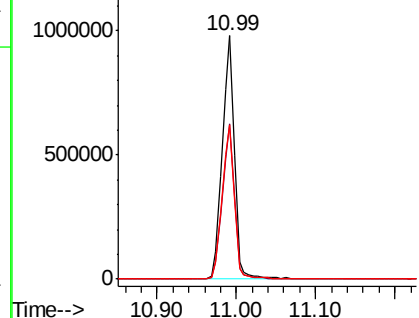


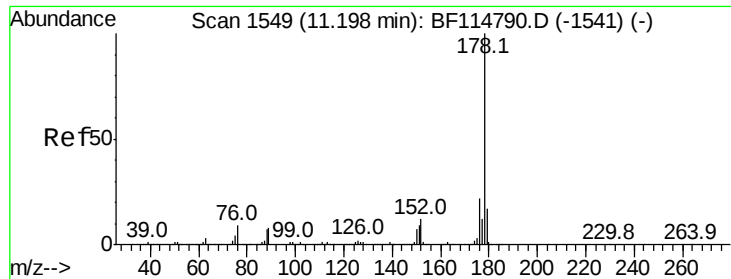
Abundance

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

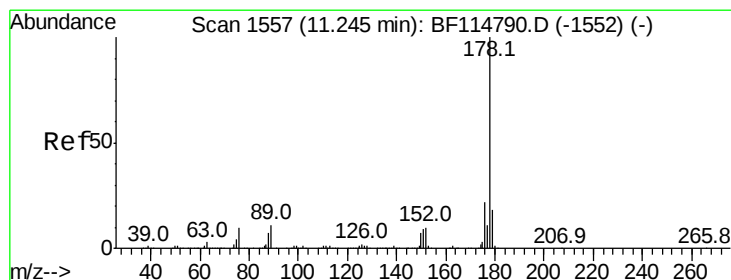
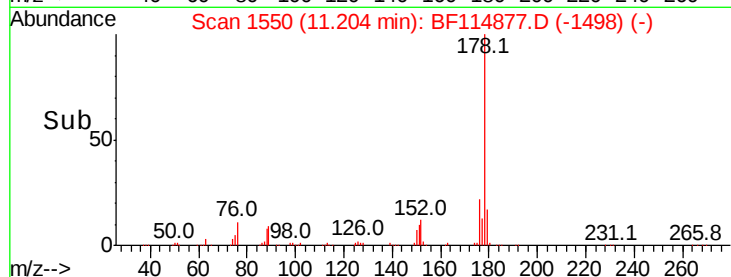
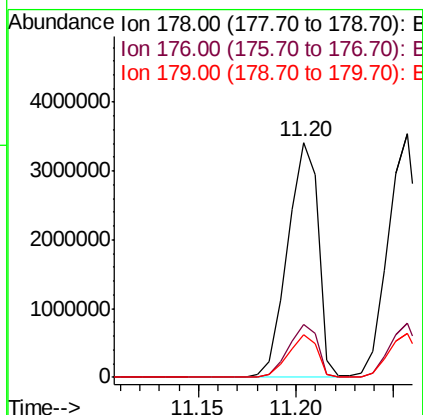
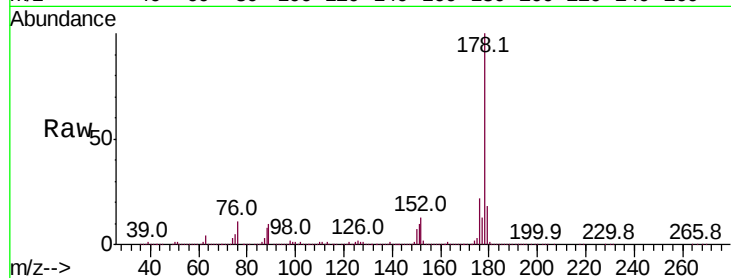




#71
Phenanthrene
Concen: 45.945 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

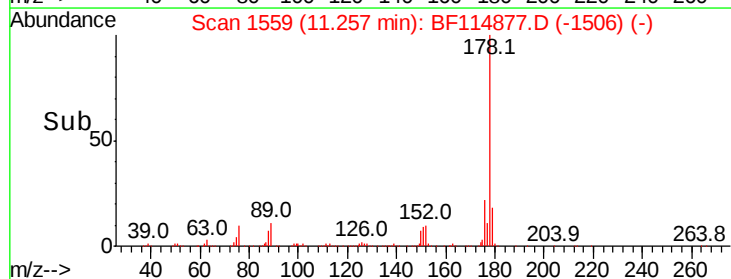
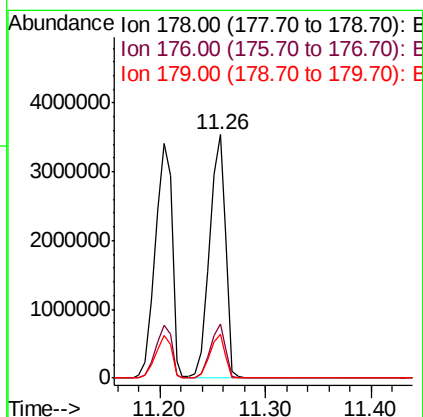
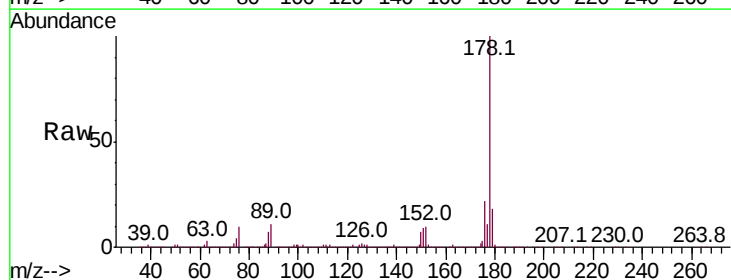
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

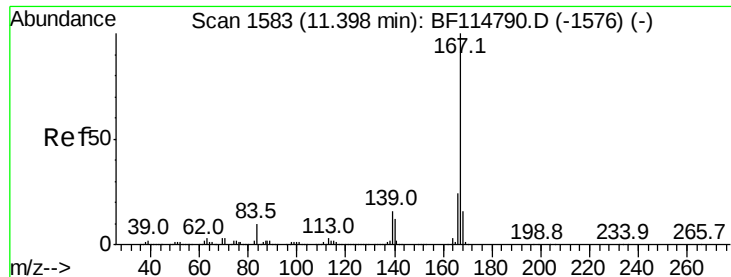
Tot Ion:178 Resp: 3697699
Ion Ratio Lower Upper
178 100
176 22.5 17.7 26.5
179 18.0 13.7 20.5



#72
Anthracene
Concen: 44.881 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion:178 Resp: 3801307
Ion Ratio Lower Upper
178 100
176 22.1 17.4 26.0
179 18.1 14.2 21.4

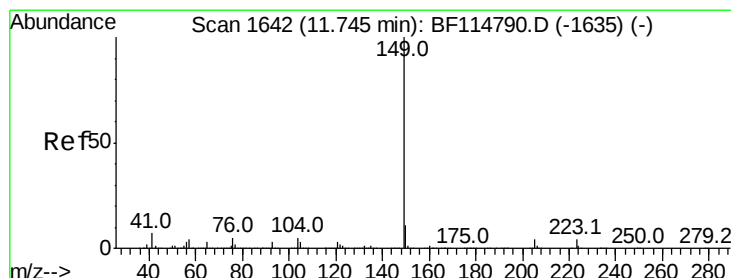
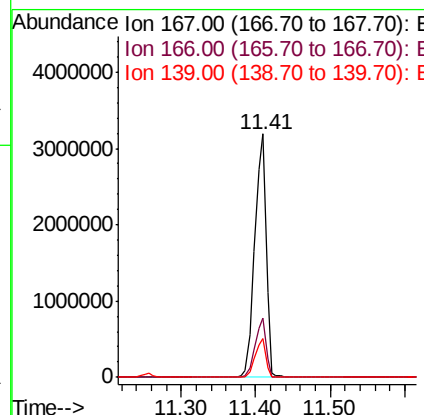
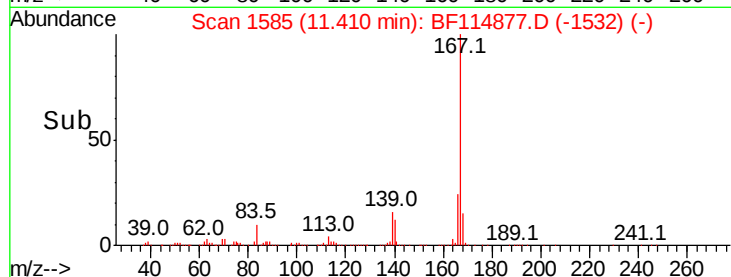
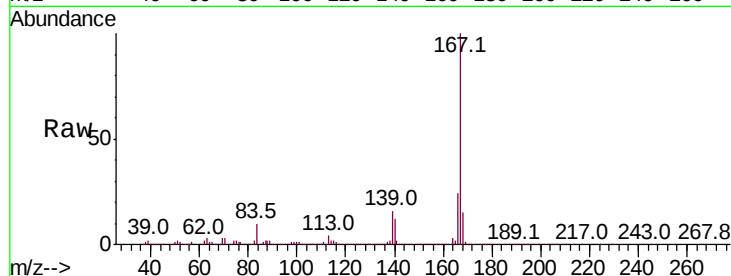




#73
 Carbazole
 Concen: 46.217 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

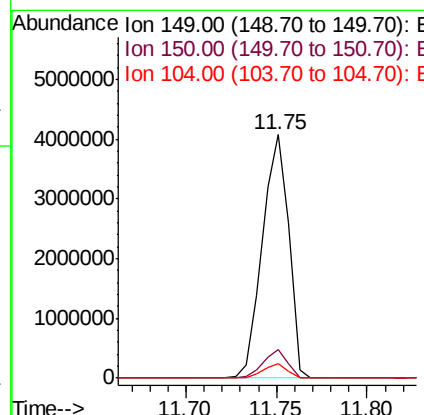
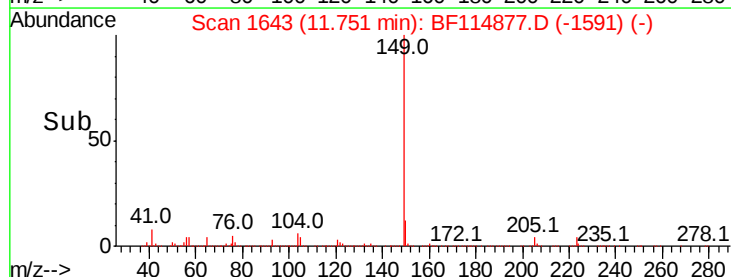
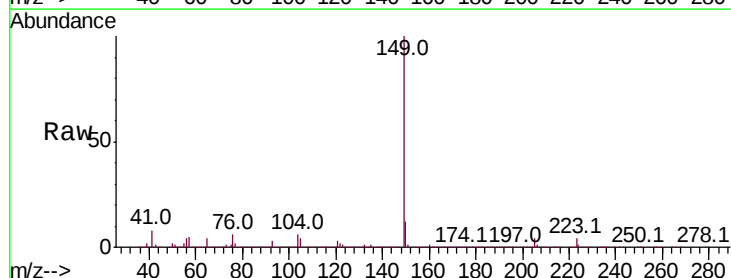
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMS

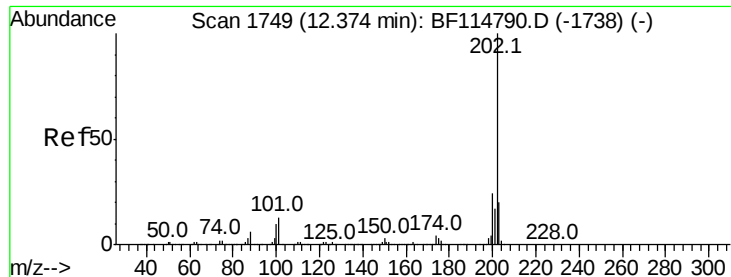
Tot Ion:167 Resp: 3355726
 Ion Ratio Lower Upper
 167 100
 166 24.5 19.1 28.7
 139 15.9 12.4 18.6



#74
 Di-n-butylphthalate
 Concen: 43.170 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Tgt Ion:149 Resp: 4122684
 Ion Ratio Lower Upper
 149 100
 150 11.7 8.9 13.3
 104 6.0 4.3 6.5





#75

Fluoranthene

Concen: 42.581 ng

RT: 12.39 min Scan# 1751

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

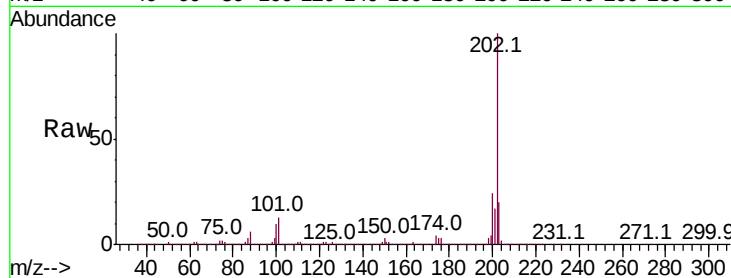
Tot Ion:202 Resp: 3566823

Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.8

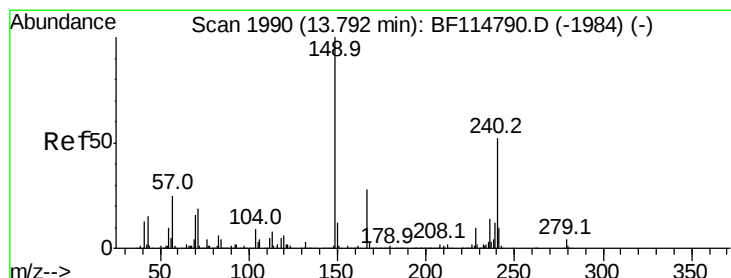
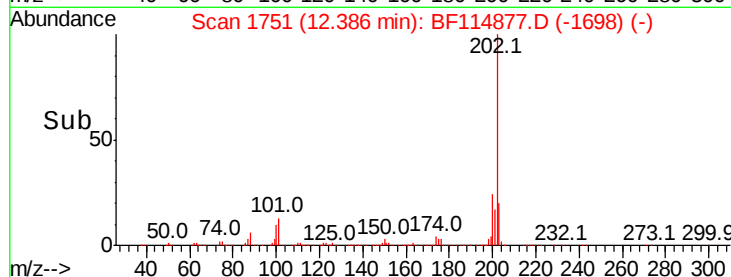
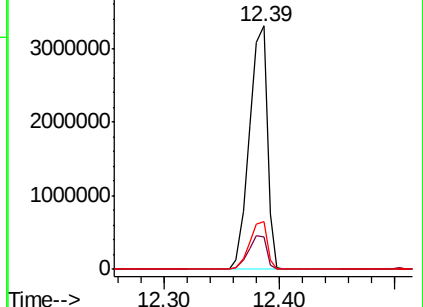
203 19.8 0.2 40.2



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# 1992

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

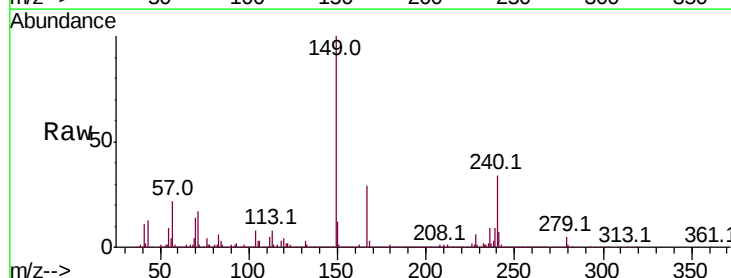
Tgt Ion:240 Resp: 729667

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.4

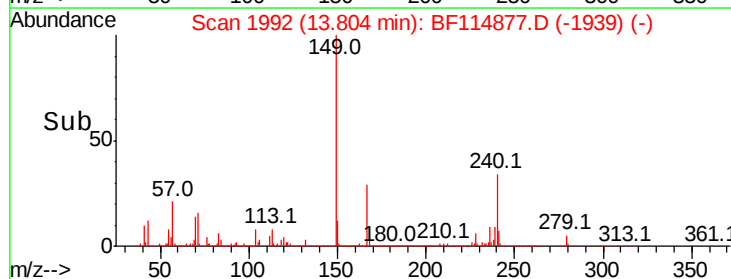
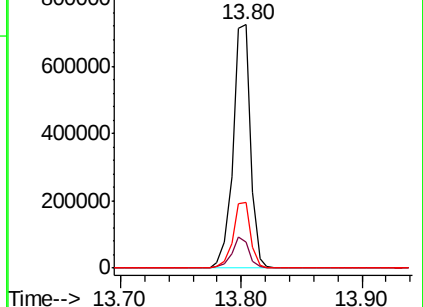
236 27.2 21.4 32.0

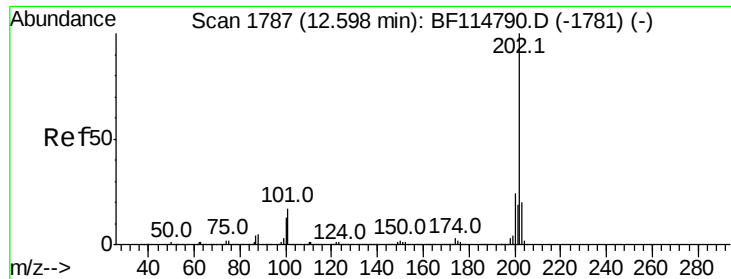


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 56.345 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

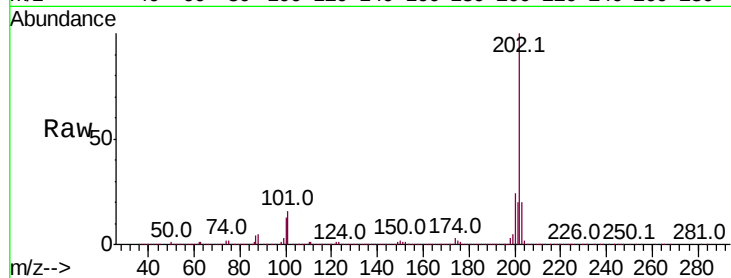
Tot Ion:202 Resp: 3566571

Ion Ratio Lower Upper

202 100

200 24.4 19.2 28.8

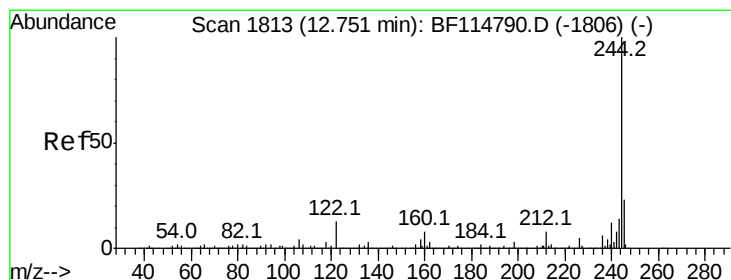
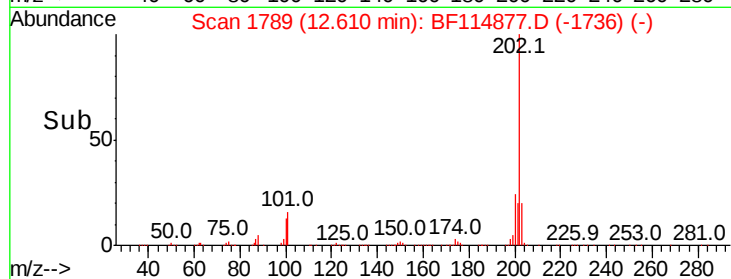
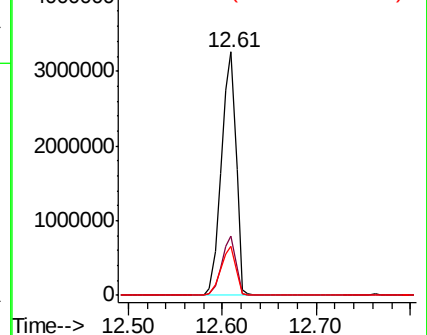
203 20.1 15.9 23.9



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: 113.057 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

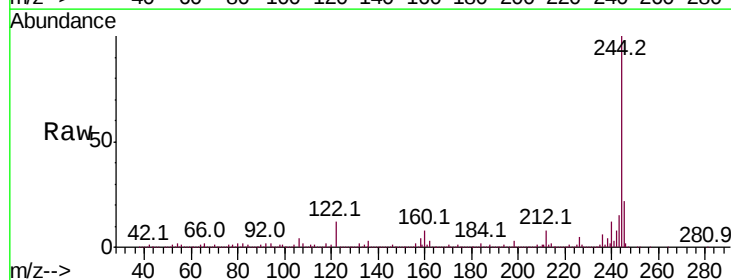
Tgt Ion:244 Resp: 4241877

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

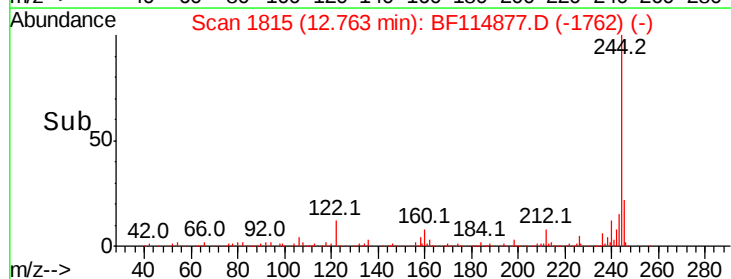
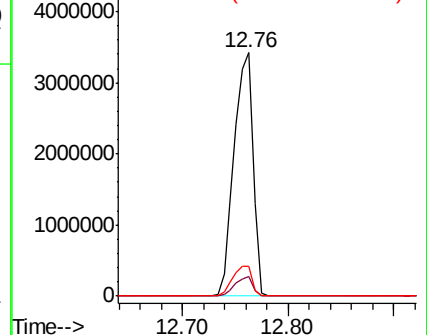
122 12.4 10.5 15.7

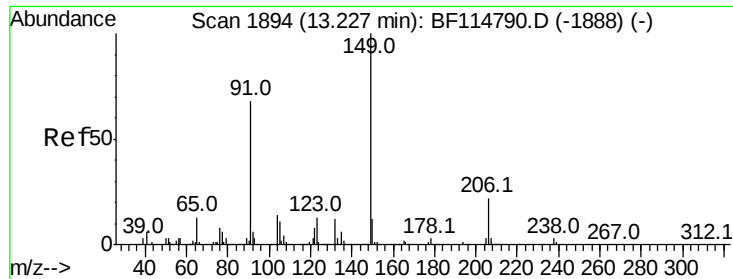


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

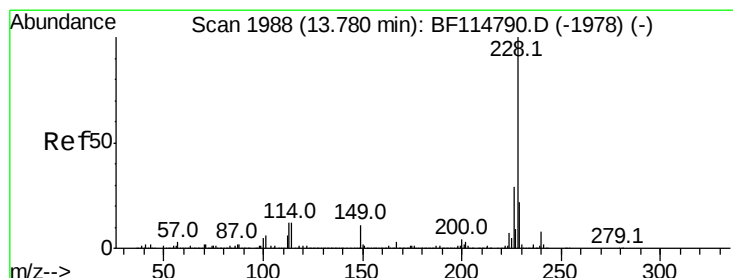
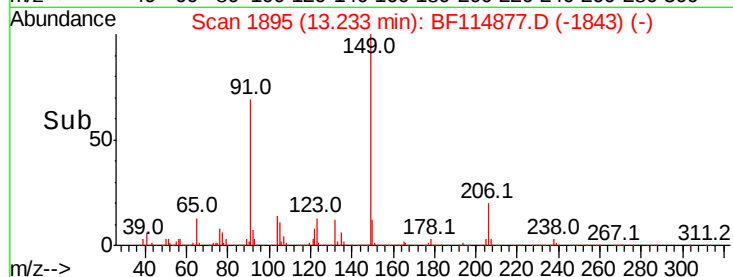
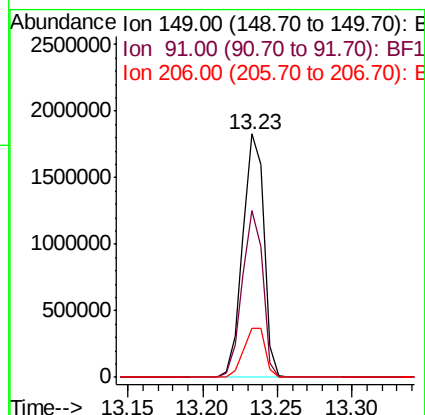
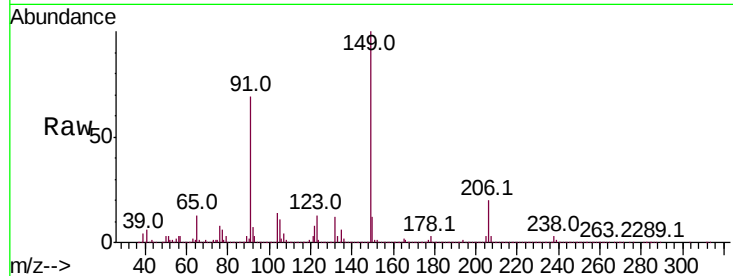




#80
Butylbenzylphthalate
Concen: 56.204 ng
RT: 13.23 min Scan# 1895
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

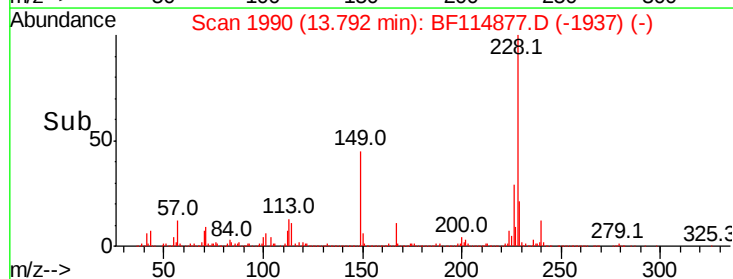
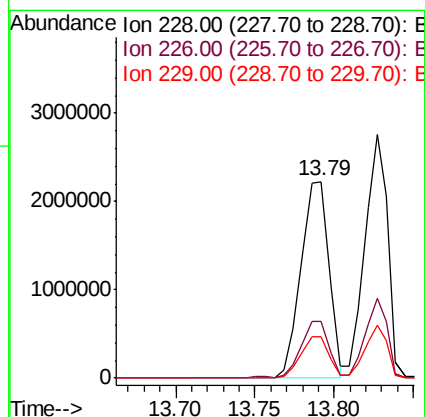
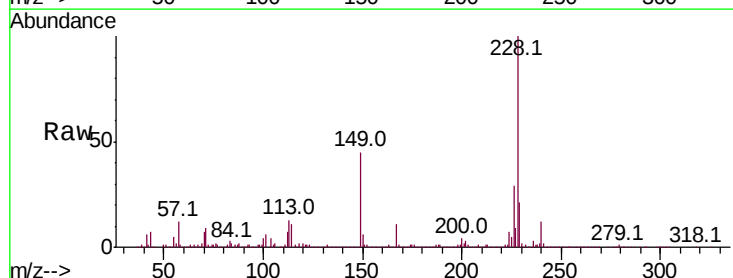
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

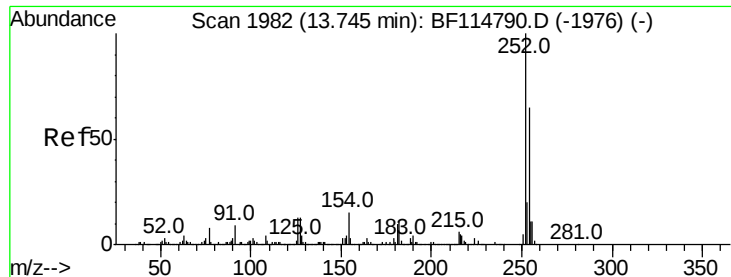
Tot Ion:149 Resp: 1796534
Ion Ratio Lower Upper
149 100
91 68.6 54.6 82.0
206 20.3 17.2 25.8



#81
Benzo(a)anthracene
Concen: 48.366 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BF114877.D
Acq: 6 Jun 2019 22:02

Tgt Ion:228 Resp: 2719538
Ion Ratio Lower Upper
228 100
226 28.8 23.4 35.2
229 21.0 17.4 26.0

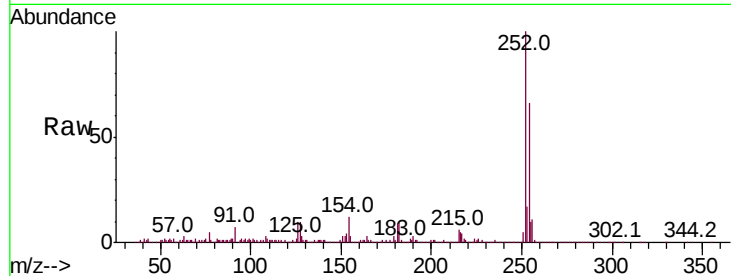




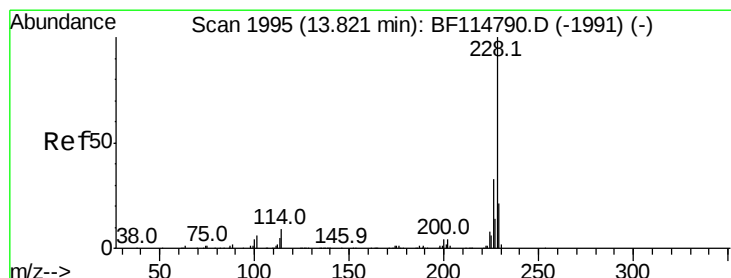
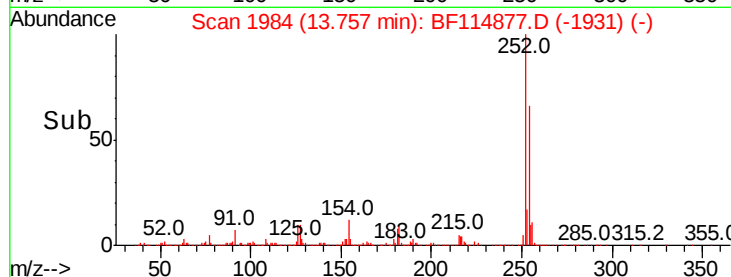
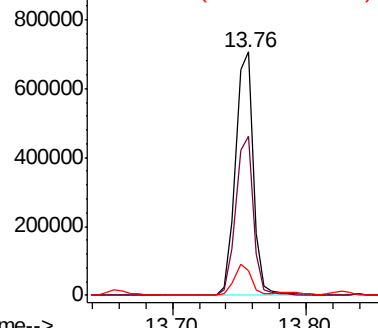
#82
 3,3'-Dichlorobenzidine
 Concen: 28.464 ng
 RT: 13.76 min Scan# 1984
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.9	77.9
126	10.3	10.5	15.7

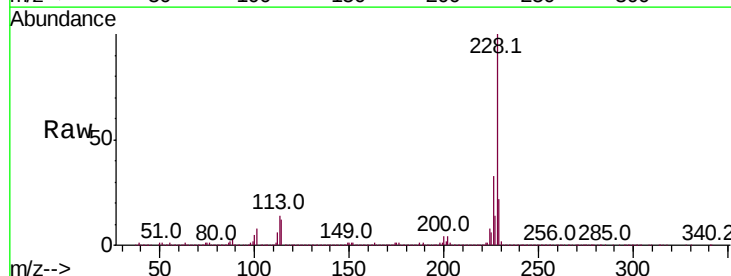


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

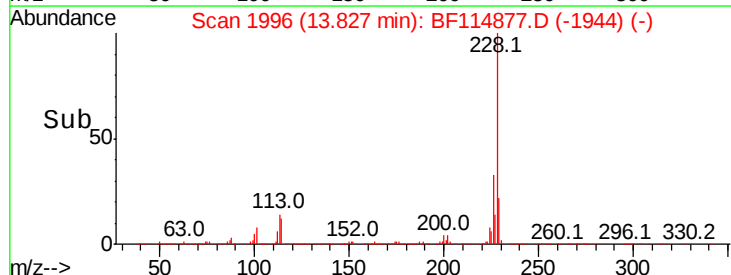
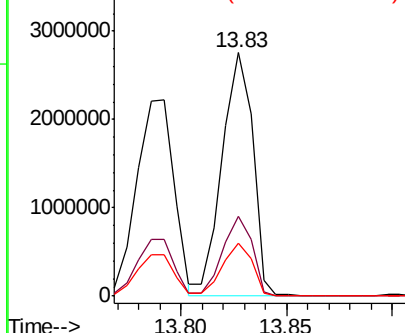


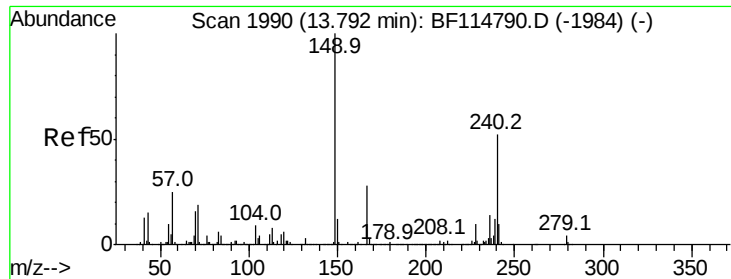
#83
 Chrysene
 Concen: 50.732 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	26.0	39.0
229	21.6	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: 52.097 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

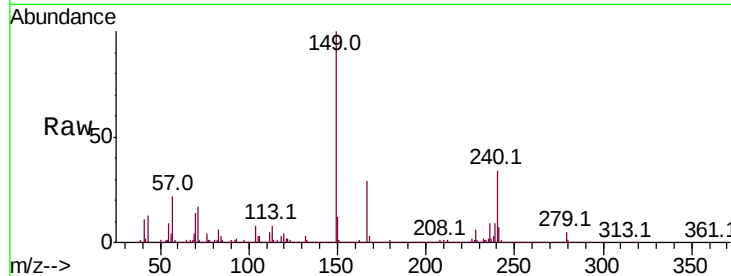
Tot Ion:149 Resp: 2105739

Ion Ratio Lower Upper

149 100

167 28.6 22.7 34.1

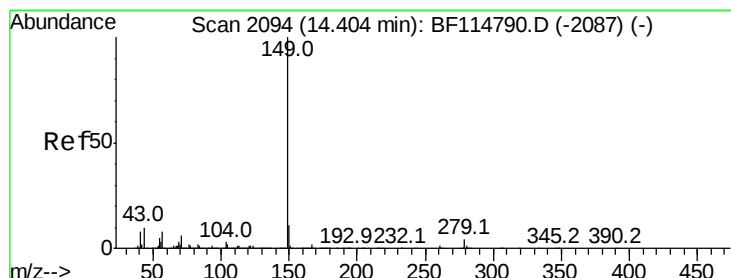
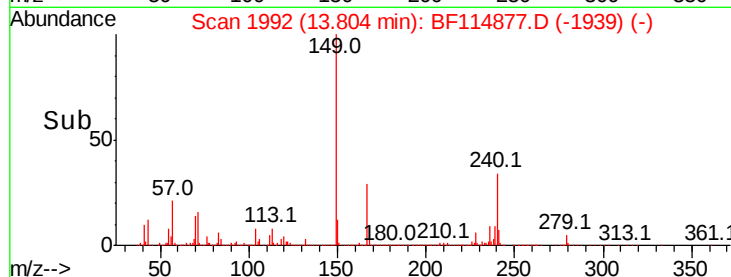
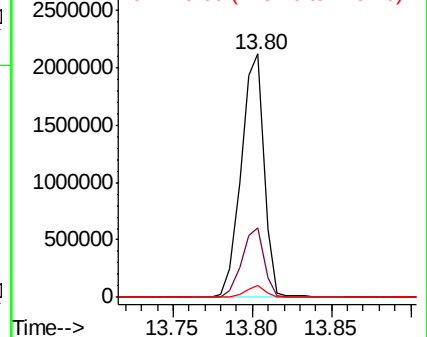
279 4.7 3.1 4.7#



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: 52.029 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

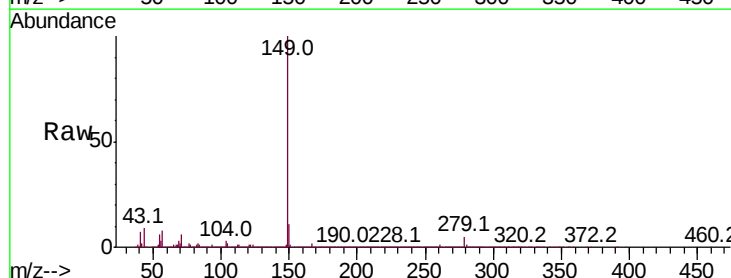
Tgt Ion:149 Resp: 3573306

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

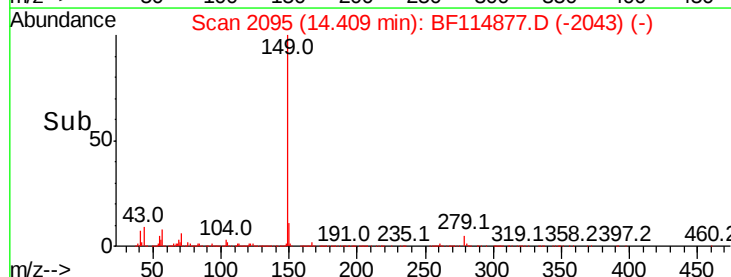
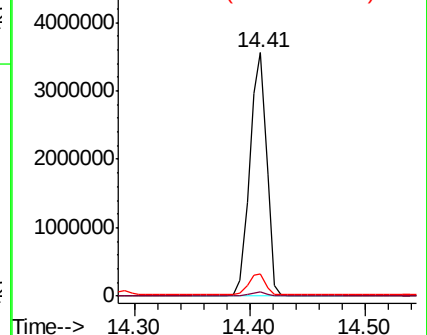
43 8.6 7.0 10.6

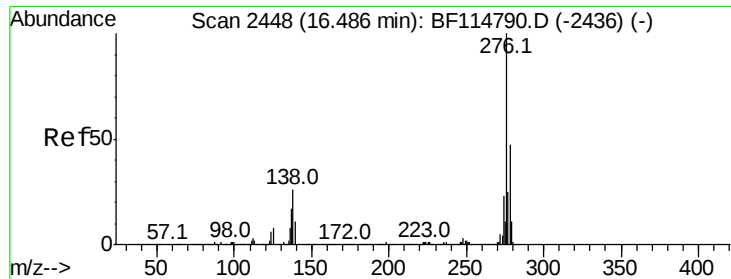


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



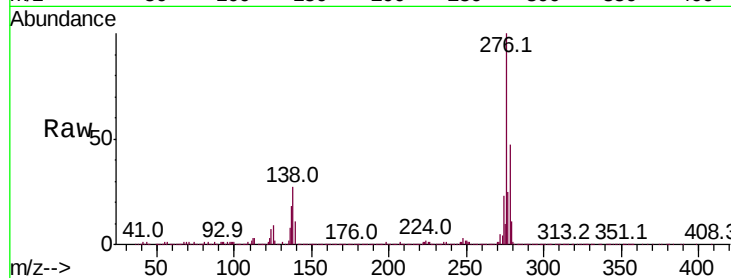


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 46.046 ng
 RT: 16.50 min Scan# 2451
 Delta R.T. 0.02 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

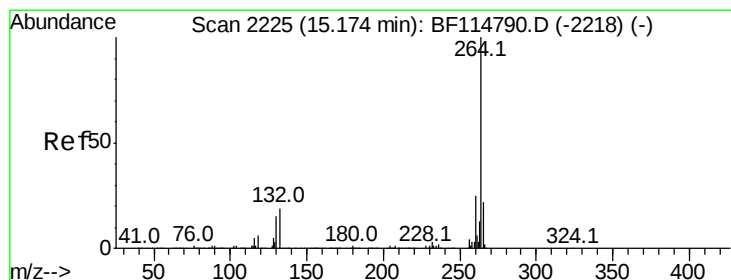
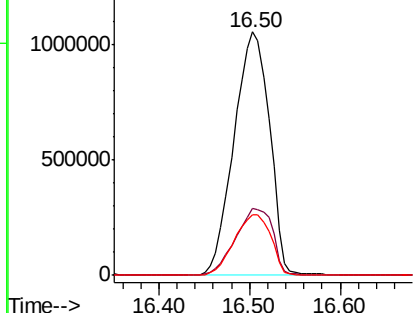
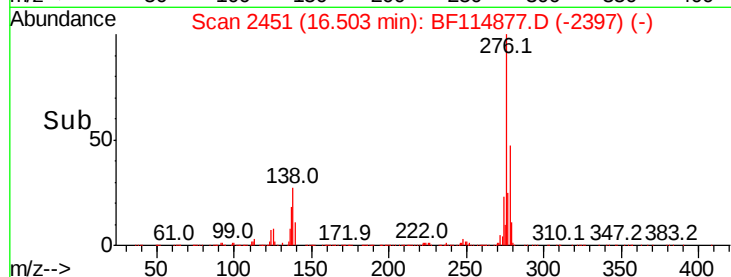
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-011-ABCDMS

Tot Ion:276 Resp: 2873796

Ion	Ratio	Lower	Upper
276	100		
138	28.5	22.2	33.4
277	25.7	20.6	30.8



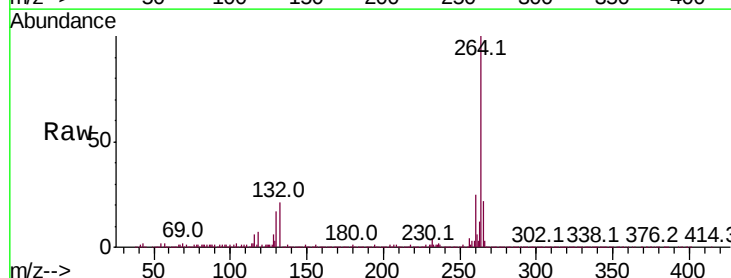
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



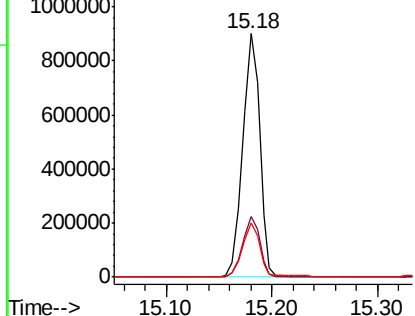
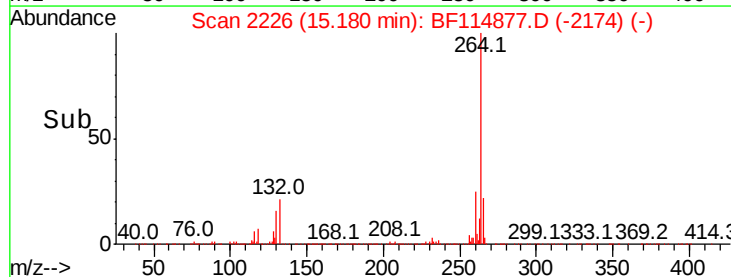
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF114877.D
 Acq: 6 Jun 2019 22:02

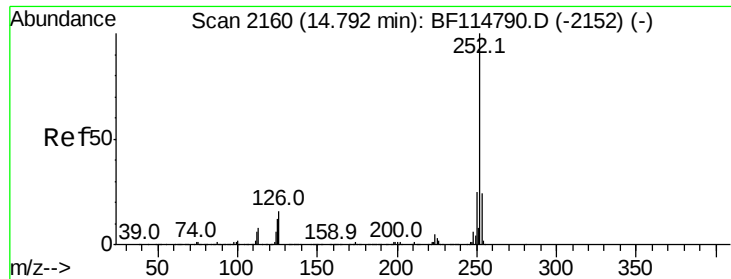
Tgt Ion:264 Resp: 1002922

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.3	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: 50.571 ng

RT: 14.80 min Scan# 2161

Delta R.T. 0.01 min

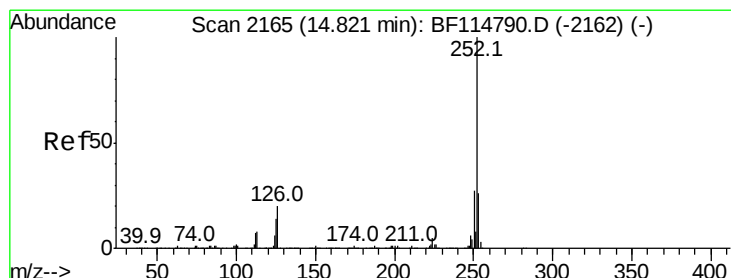
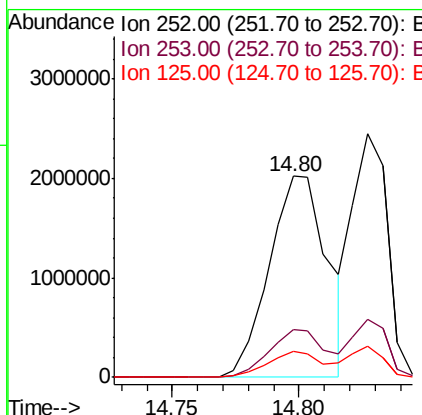
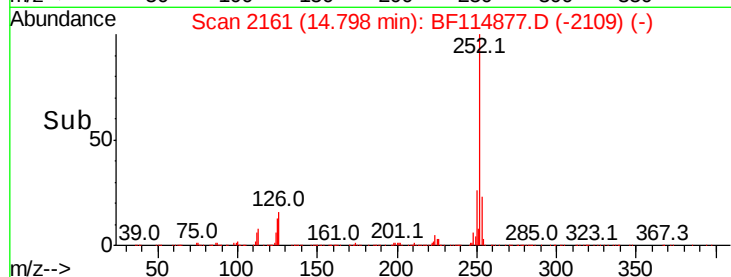
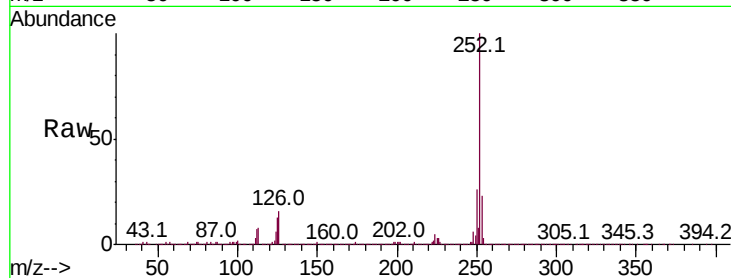
Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

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

Tot Ion:252 Resp: 3228858

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.6
125	12.8	9.4	14.0



#89

Benzo(k)fluoranthene

Concen: 43.569 ng

RT: 14.83 min Scan# 2166

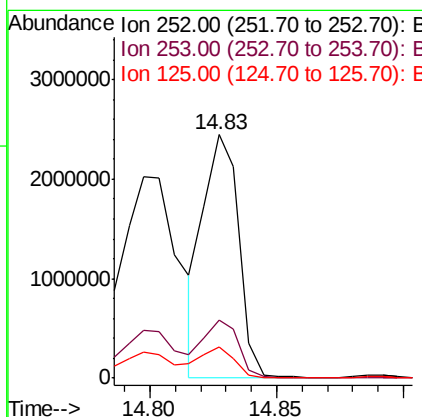
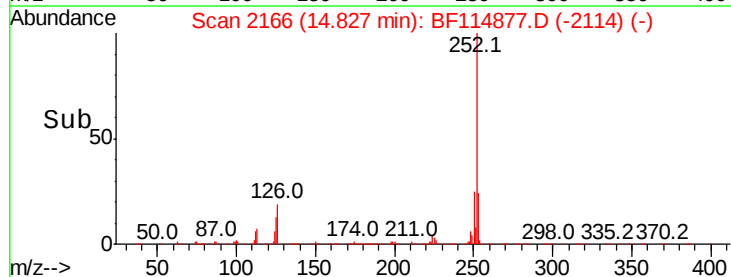
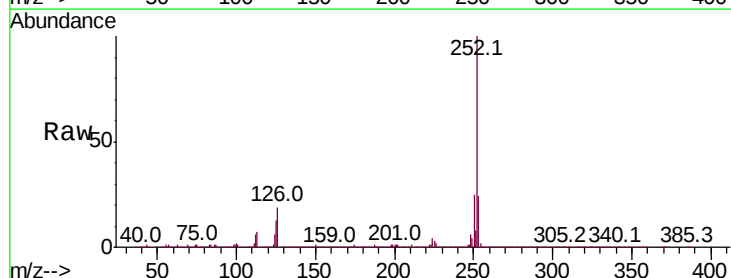
Delta R.T. 0.01 min

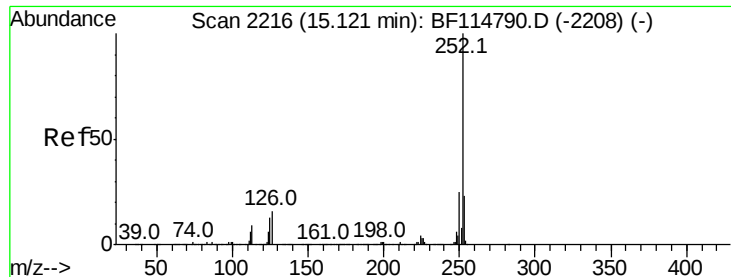
Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Tgt Ion:252 Resp: 2362350

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.3	28.9
125	12.9	10.1	15.1





#90

Benzo(a)pyrene

Concen: 50.378 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

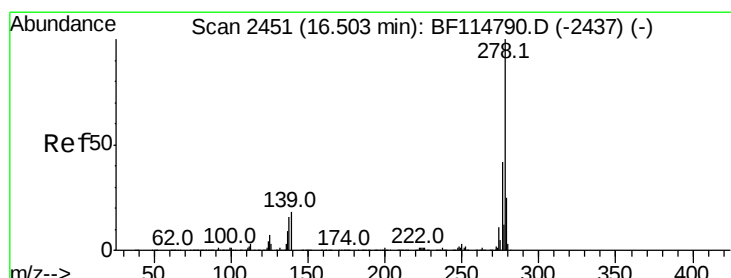
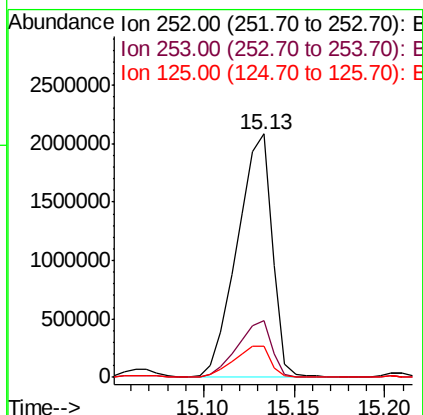
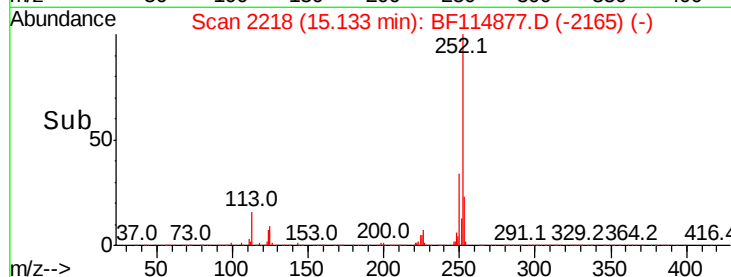
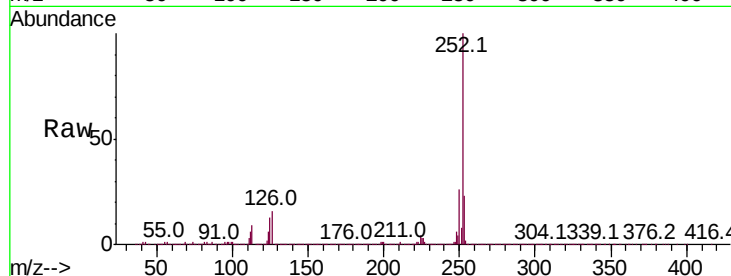
Tot Ion:252 Resp: 2784003

Ion Ratio Lower Upper

252 100

253 23.4 18.5 27.7

125 12.7 10.1 15.1



#91

Dibenzo(a,h)anthracene

Concen: 44.911 ng

RT: 16.52 min Scan# 2454

Delta R.T. 0.02 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

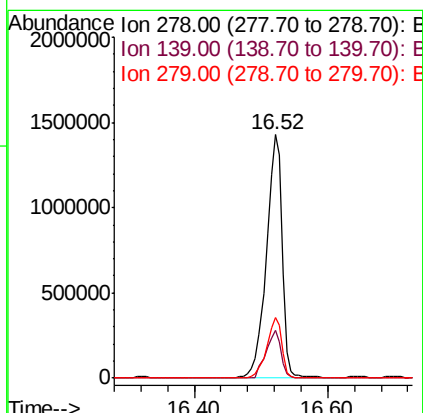
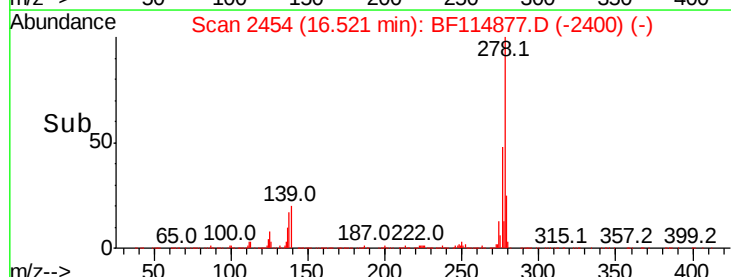
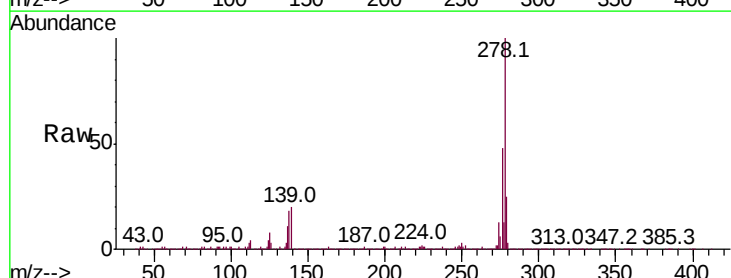
Tgt Ion:278 Resp: 2350374

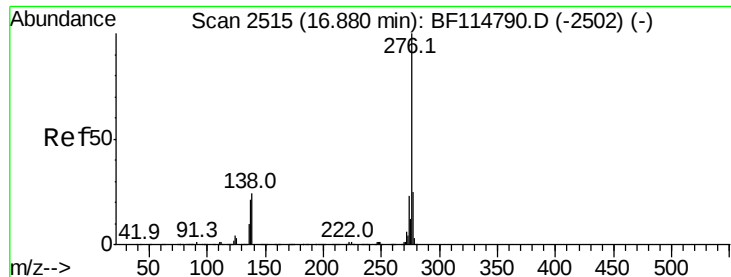
Ion Ratio Lower Upper

278 100

139 19.7 14.6 22.0

279 24.9 20.1 30.1





#92

Benzo(a,h,i)perylene

Concen: 43.882 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.02 min

Lab File: BF114877.D

Acq: 6 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMS

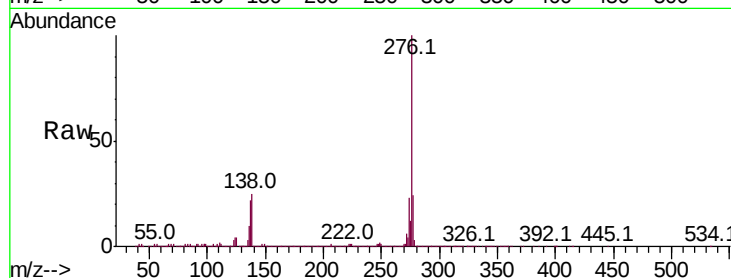
Tot Ion:276 Resp: 2309432

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.6

138 25.3 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

