

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

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

Manual Integrations
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mohammad
 6/7/2019 2:11:52 PM

Quant Time: Jun 07 03:40:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	535618	36.319	ng	100
3) Pyridine	3.09	79	1213810	29.948	ng	99
4) n-Nitrosodimethylamine	3.02	42	673434	45.400	ng	97
6) Aniline	6.35	93	908921	17.043	ng	# 75
8) 2-Chlorophenol	6.47	128	1553794	43.538	ng	98
9) Benzaldehyde	6.22	77	545770	20.934	ng	99
10) Phenol	6.35	94	1769116	41.161	ng	85
11) bis(2-Chloroethyl)ether	6.42	93	1508386	44.968	ng	98
12) 1,3-Dichlorobenzene	6.62	146	1727312	41.536	ng	98
13) 1,4-Dichlorobenzene	6.69	146	1712560	40.926	ng	99
14) 1,2-Dichlorobenzene	6.85	146	1519082	40.197	ng	98
15) Benzyl Alcohol	6.83	79	1202044	42.292	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	2057997	42.898	ng	93
17) 2-Methylphenol	6.95	107	1390098	45.568	ng	96
18) Hexachloroethane	7.19	117	653444	41.488	ng	99
19) n-Nitroso-di-n-propylamine	7.11	70	1083178	43.537	ng	98
20) 3+4-Methylphenols	7.10	107	1511219	44.914	ng	93
22) Acetophenone	7.09	105	2174171	49.562	ng	94
24) Nitrobenzene	7.26	77	1611825	48.068	ng	97
25) Isophorone	7.50	82	3194914	49.929	ng	100
26) 2-Nitrophenol	7.57	139	968710	53.339	ng	94
27) 2,4-Dimethylphenol	7.63	122	1493217	54.095	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	1978903	48.379	ng	99
29) 2,4-Dichlorophenol	7.82	162	1397947	48.136	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	1540421	46.228	ng	100
31) Naphthalene	7.98	128	4115148	45.875	ng	97
32) Benzoic acid	7.77	122	1018276	50.649	ng	99
33) 4-Chloroaniline	8.02	127	392906	9.181	ng	98
34) Hexachlorobutadiene	8.10	225	828409	43.727	ng	100
35) Caprolactam	8.42	113	410382m	43.258	ng	
36) 4-Chloro-3-methylphenol	8.52	107	1420486	49.155	ng	99
37) 2-Methylnaphthalene	8.67	142	2861081	45.984	ng	98
38) 1-Methylnaphthalene	8.77	142	2677810	45.383	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	1249062	46.810	ng	99

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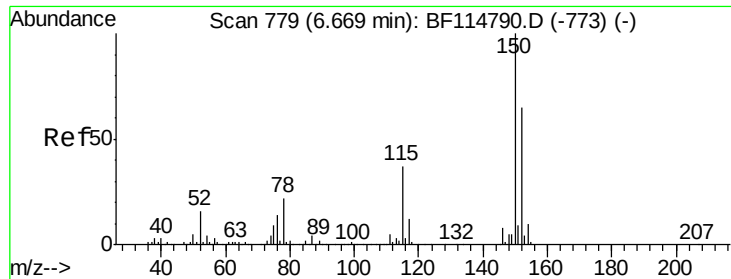
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	996859	61.597	ng	100
43) 2,4,6-Trichlorophenol	8.95	196	1008582	48.609	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	1014588	48.554	ng	97
46) 1,1'-Biphenyl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

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



#1

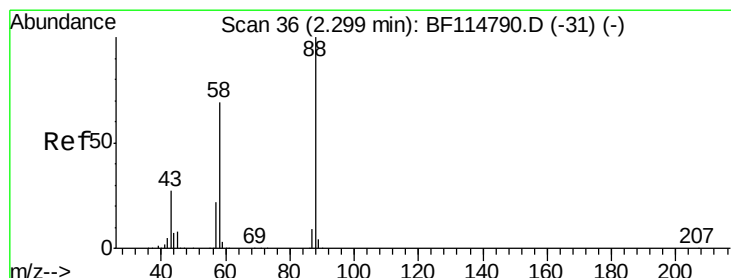
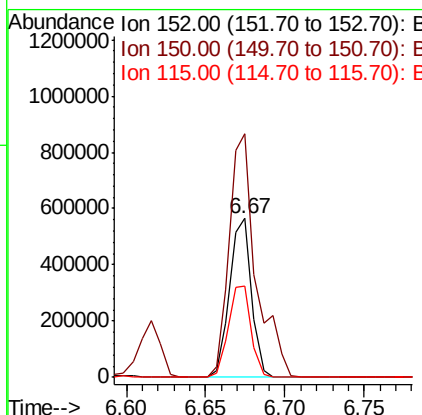
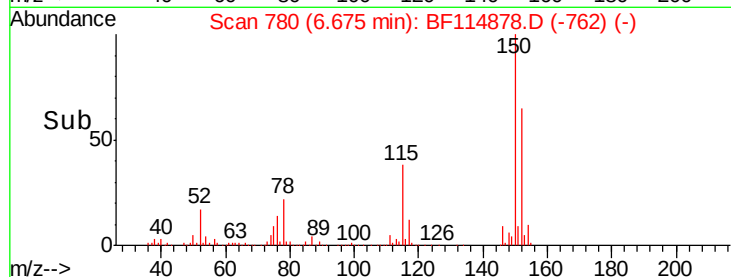
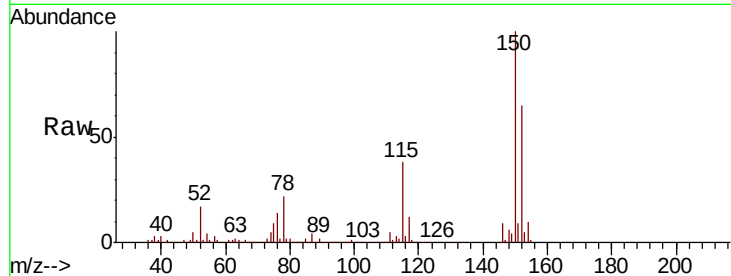
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

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

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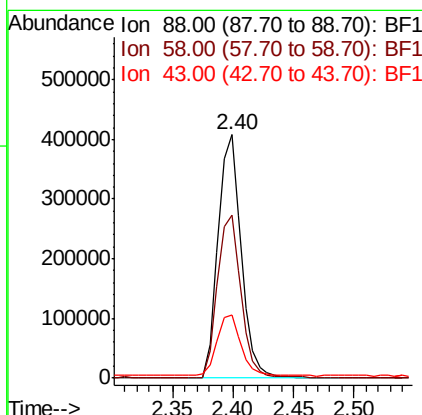
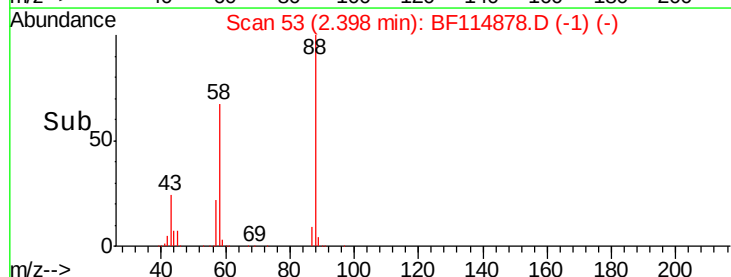
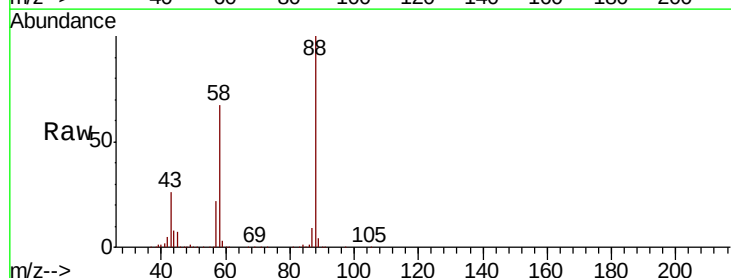
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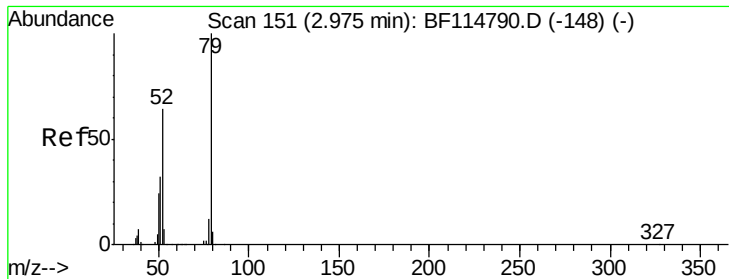


#2

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

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





#3

Pvridine

Concen: 29.948 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.11 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

Tot Ion: 79 Resp: 1213810

Ion Ratio Lower Upper

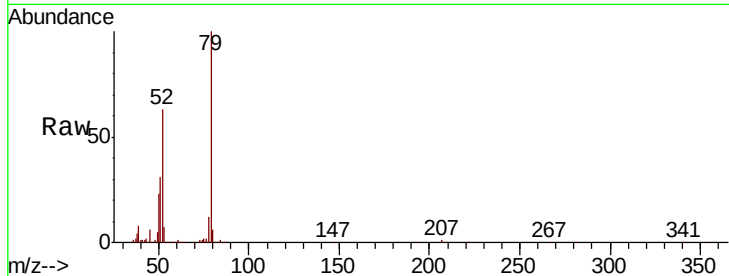
79 100

52 63.3 51.0 76.4

51 31.1 25.7 38.5

Manual Integrations
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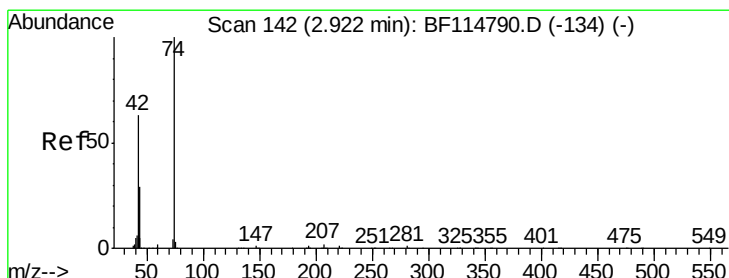
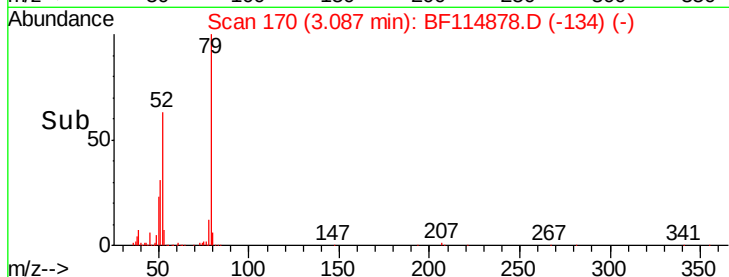
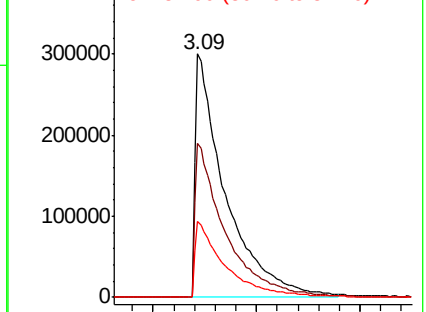


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.400 ng

RT: 3.02 min Scan# 159

Delta R.T. 0.10 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

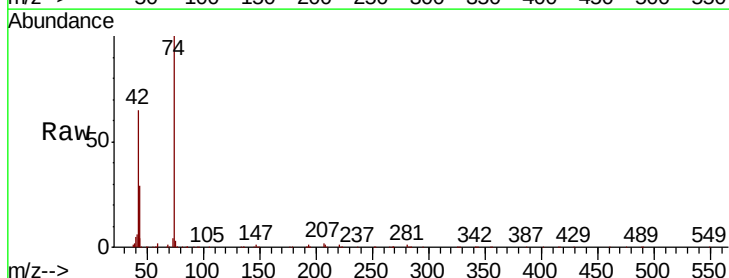
Tgt Ion: 42 Resp: 673434

Ion Ratio Lower Upper

42 100

74 153.7 126.2 189.2

44 6.6 5.9 8.9

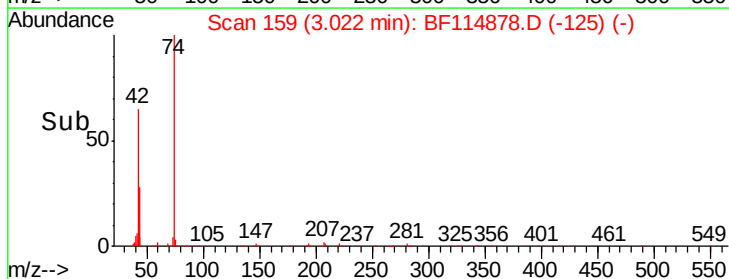
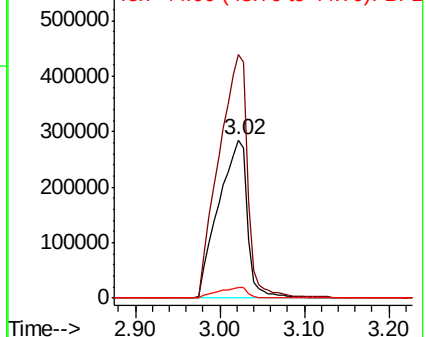


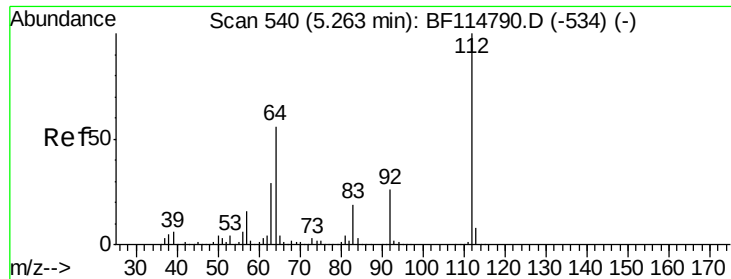
Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 129.451 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.04 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

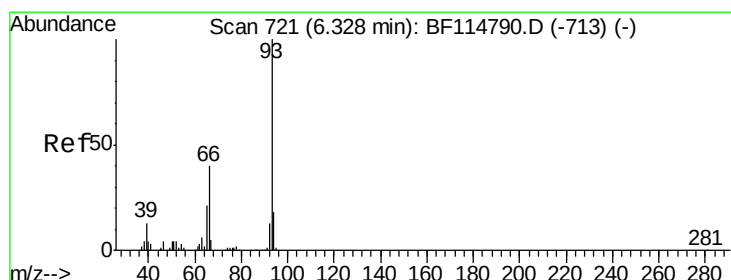
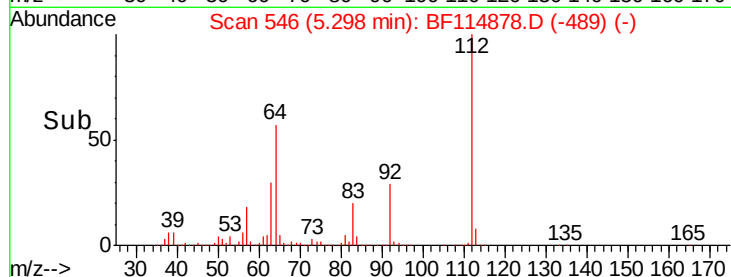
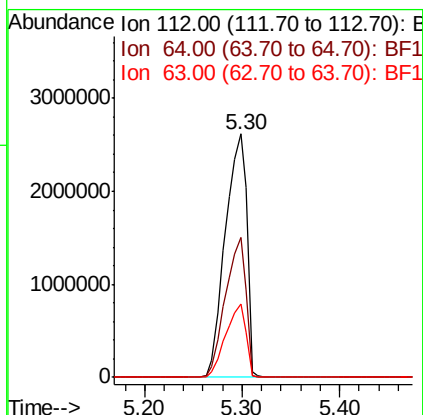
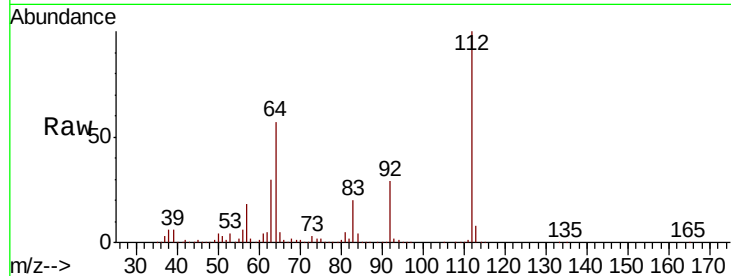
ClientSampleId :

FK-EF-01-011-ABCDMSD

Tot Ion	112	Resp: 3998534	
Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.6	66.8
63	30.2	23.0	34.4

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#6

Aniline

Concen: 17.043 ng

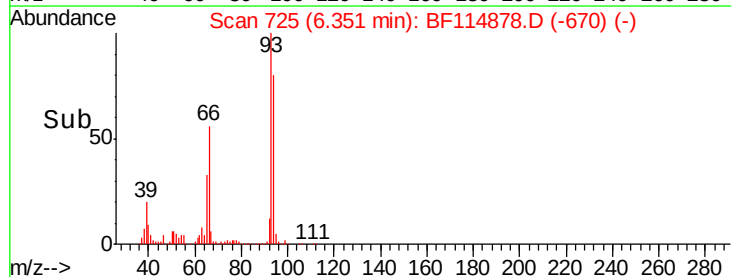
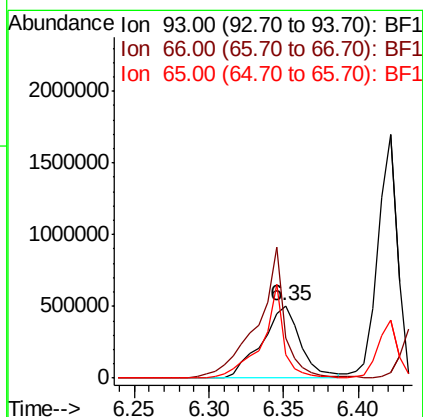
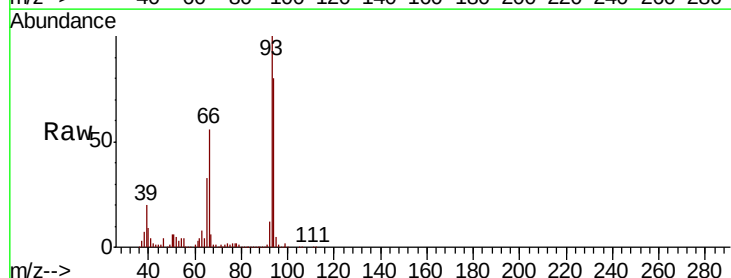
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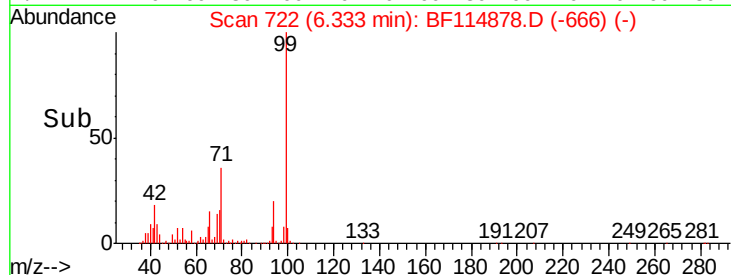
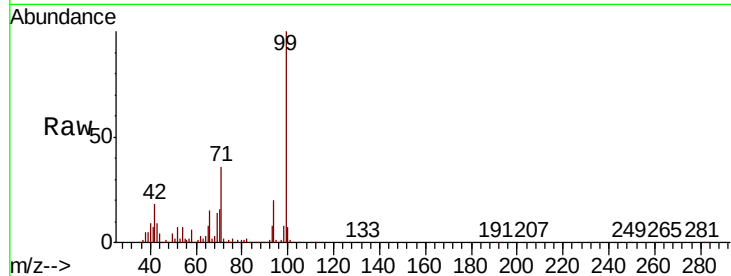
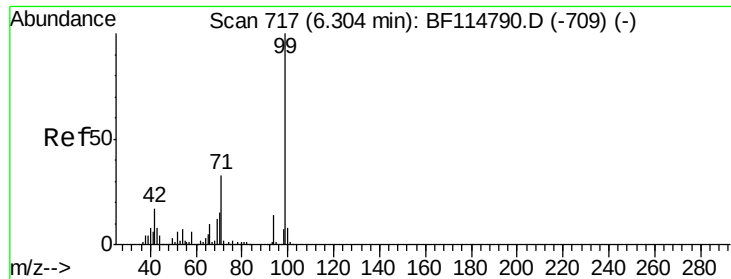
Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Tgt Ion	93	Resp: Lower	908921 Upper
	Ratio		
93	100		
66	56.2	32.8	49.2#
65	33.0	16.9	25.3#





#7

Phenol-d6

Concen: 132.369 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.03 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Tot Ion: 99 Resp: 4975075

Ion Ratio Lower Upper

99 100

42 18.1 13.3 19.9

71 36.5 26.3 39.5

Instrument :

BNA_F

ClientSampleId :

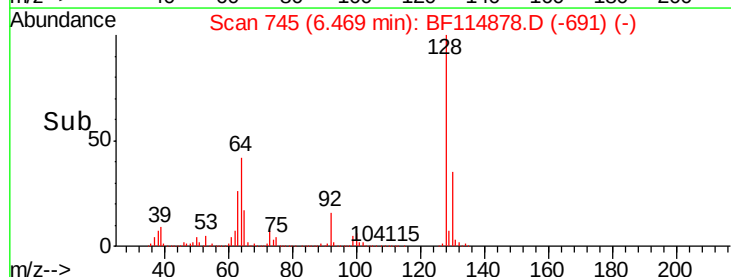
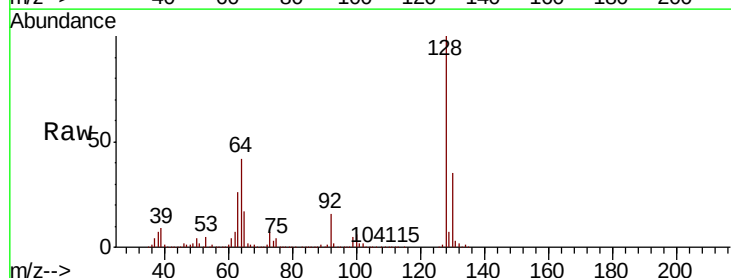
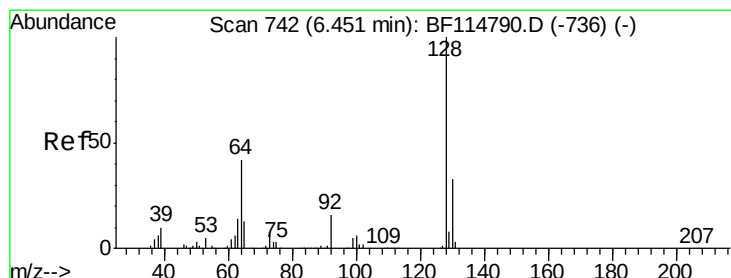
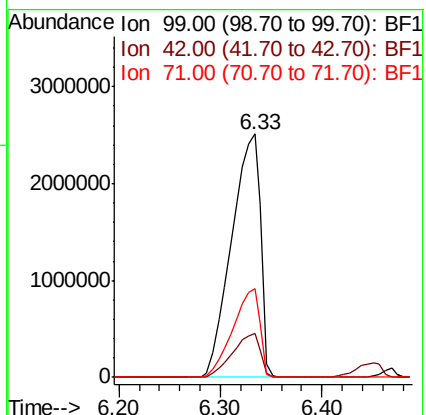
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#8

2-Chlorophenol

Concen: 43.538 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

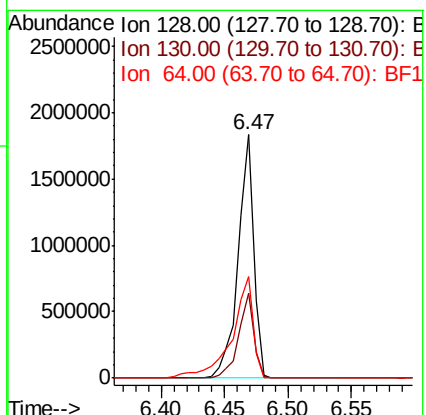
Tgt Ion:128 Resp: 1553794

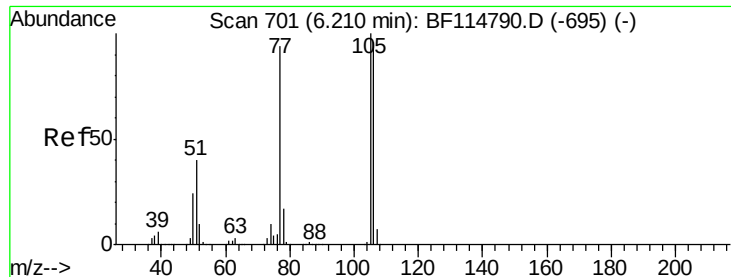
Ion Ratio Lower Upper

128 100

130 34.6 12.7 52.7

64 41.9 22.5 62.5





#9

Benzaldehyde

Concen: 20.934 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

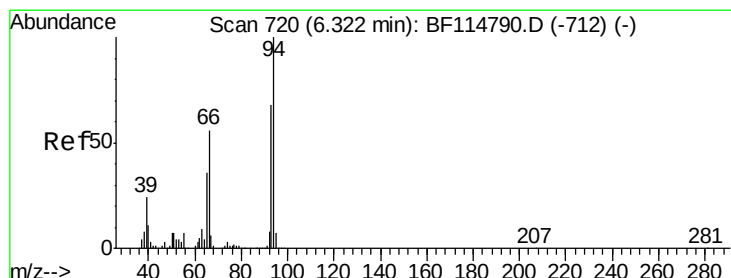
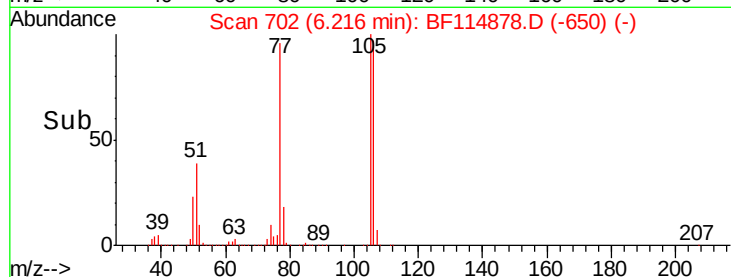
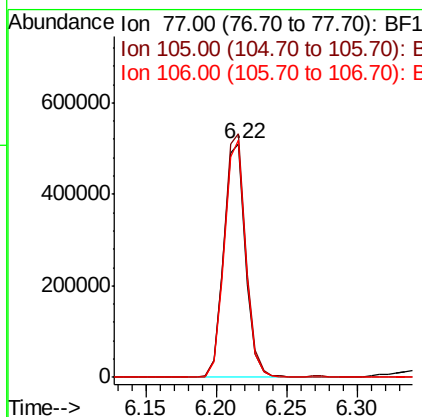
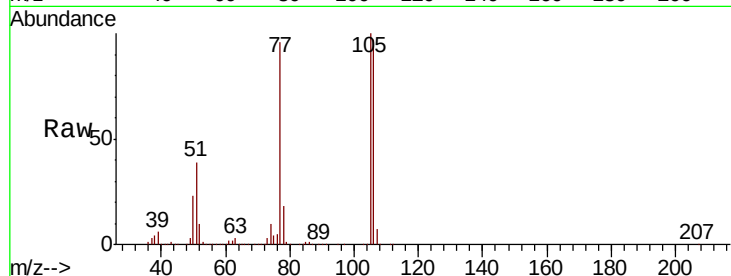
ClientSampleId :

FK-EF-01-011-ABCDMSD

Tot Ion:	77	Resp:	545770
Ion	Ratio	Lower	Upper
77	100		
105	104.3	85.8	125.8
106	101.5	81.6	121.6

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#10

Phenol

Concen: 41.161 ng

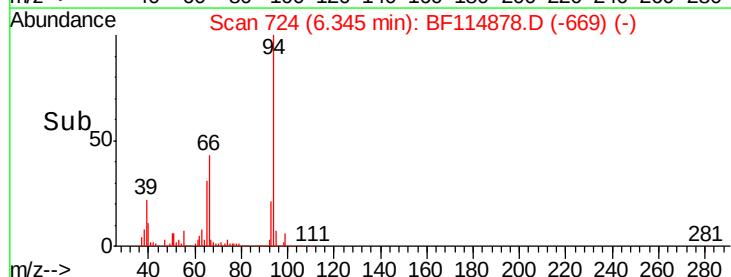
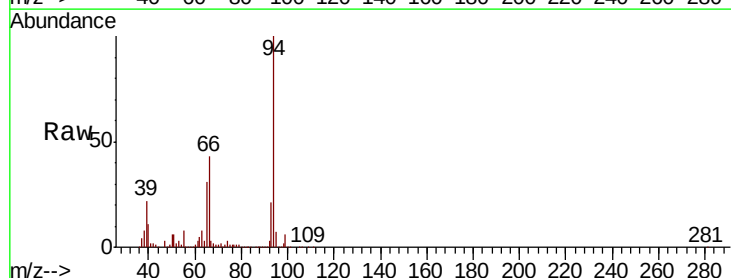
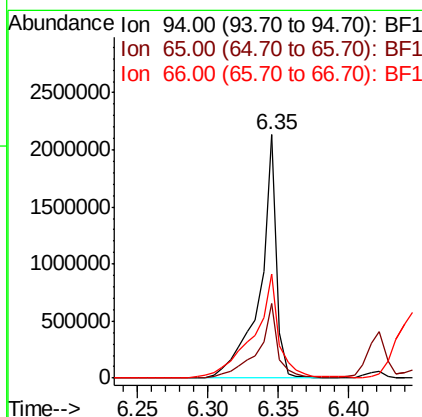
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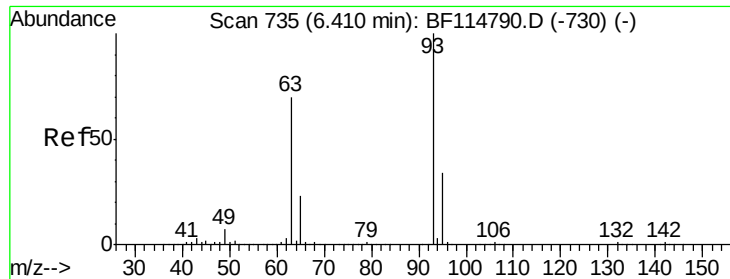
Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Tgt Ion:	94	Resp:	1769116
Ion	Ratio	Lower	Upper
94	100		
65	30.7	16.1	56.1
66	42.9	36.3	76.3





#11

bis(2-Chloroethyl)ether

Concen: 44.968 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

Tot Ion: 93 Resp: 1508386

Ion Ratio Lower Upper

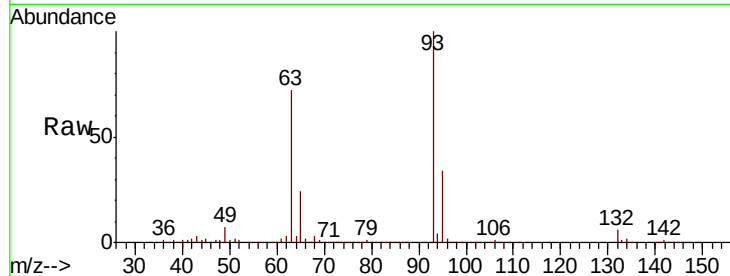
93 100

63 71.6 49.6 89.6

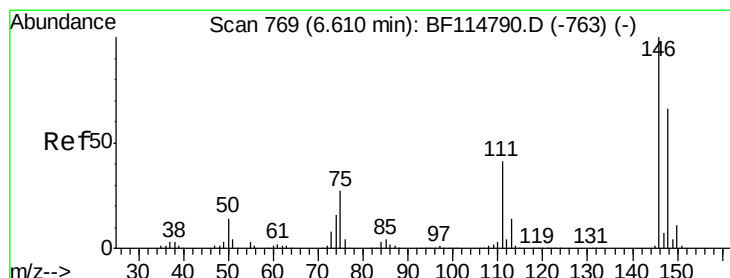
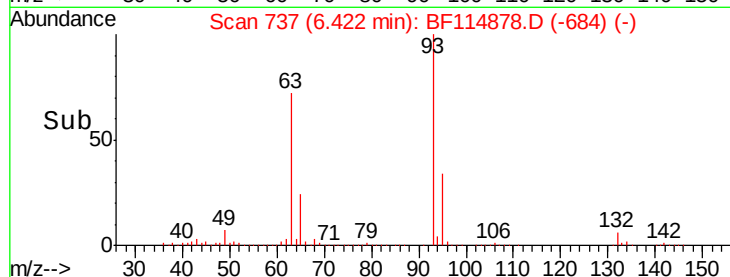
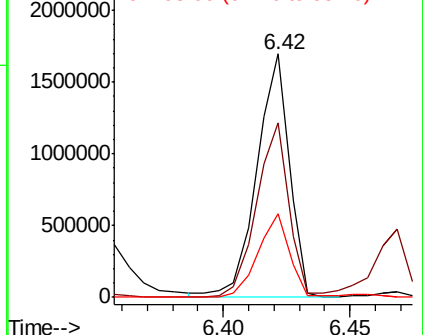
95 34.2 13.6 53.6

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



#12

1,3-Dichlorobenzene

Concen: 41.536 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

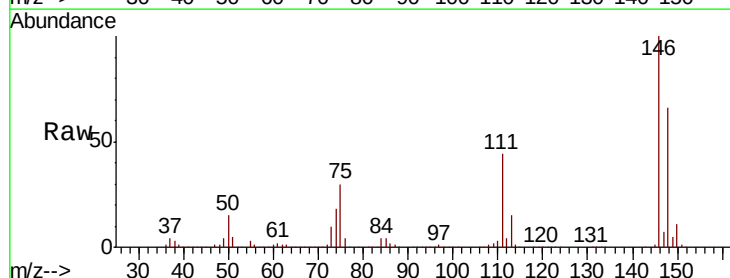
Tgt Ion: 146 Resp: 1727312

Ion Ratio Lower Upper

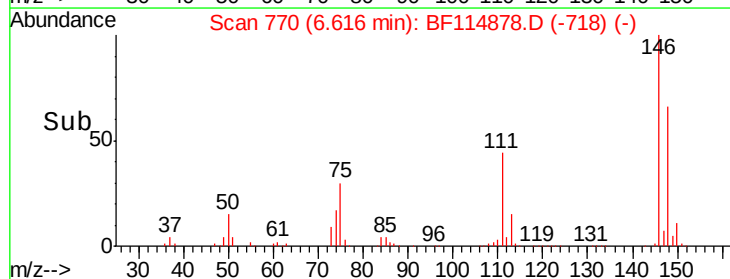
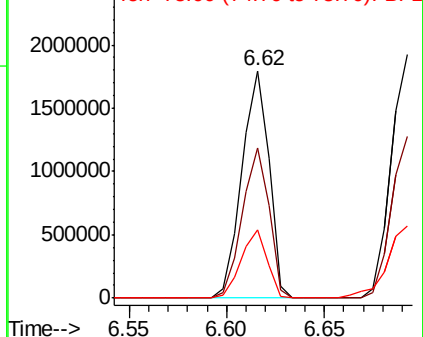
146 100

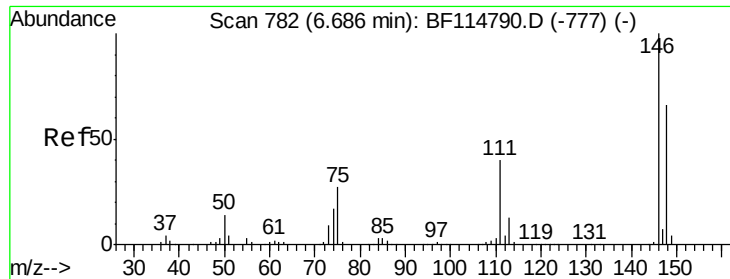
148 66.1 52.7 79.1

75 30.2 22.0 33.0



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





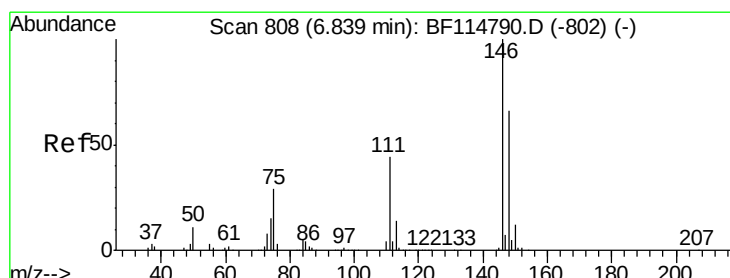
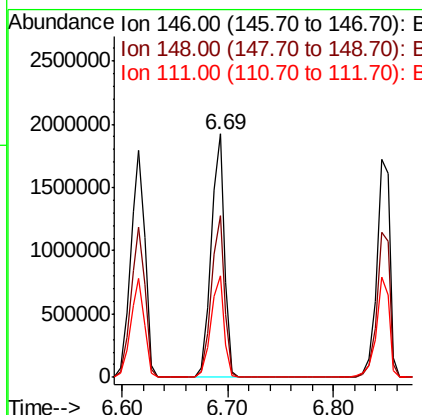
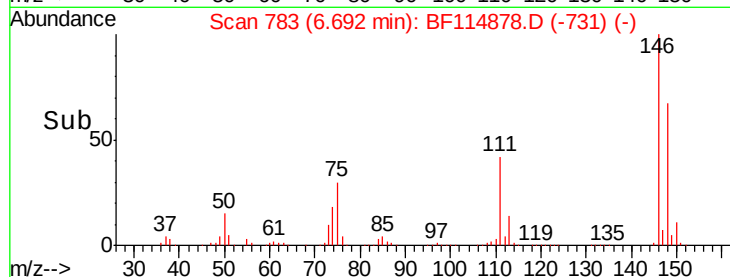
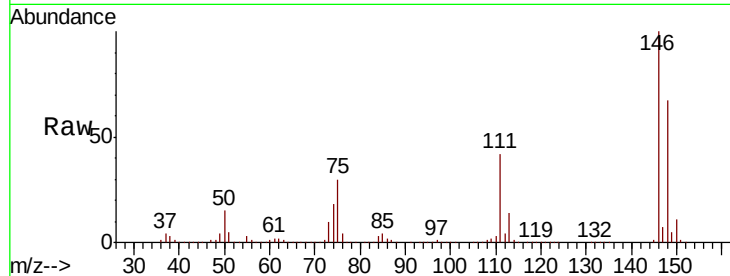
#13
 1,4-Dichlorobenzene
 Concen: 40.926 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

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

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

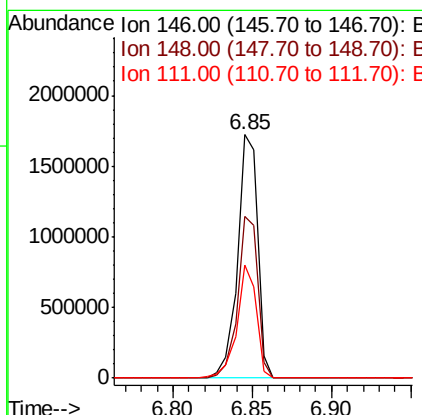
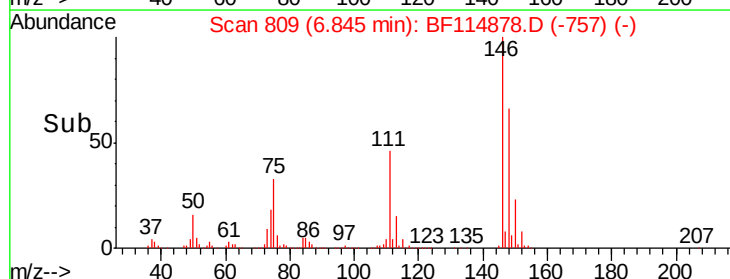
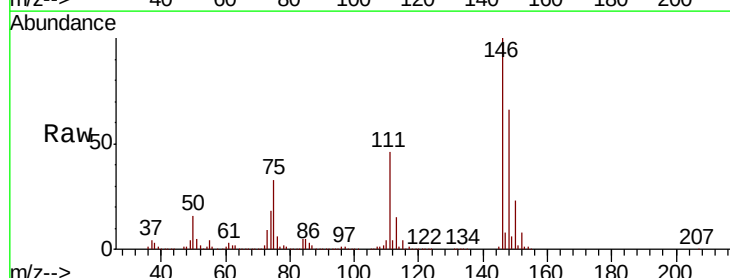
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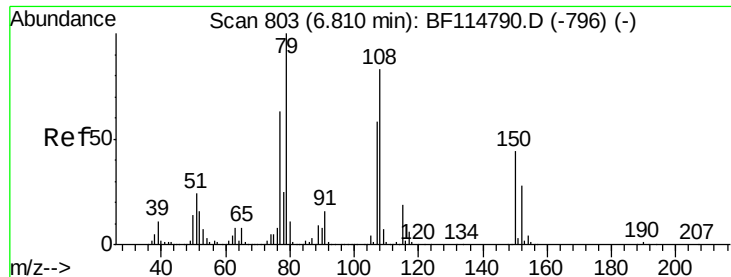
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#14
 1,2-Dichlorobenzene
 Concen: 40.197 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

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





#15

Benzyl Alcohol

Concen: 42.292 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

Tot Ion: 79 Resp: 1202044

Ion Ratio Lower Upper

79 100

108 80.2 66.8 100.2

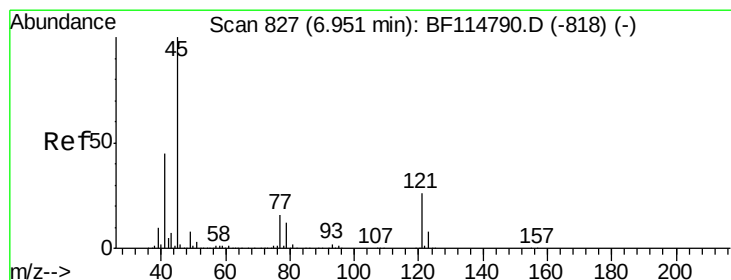
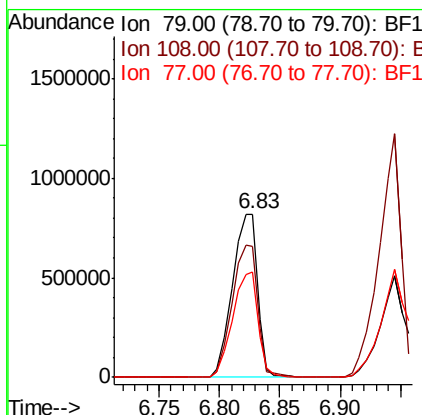
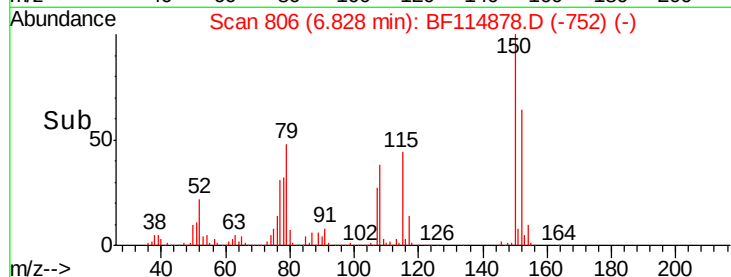
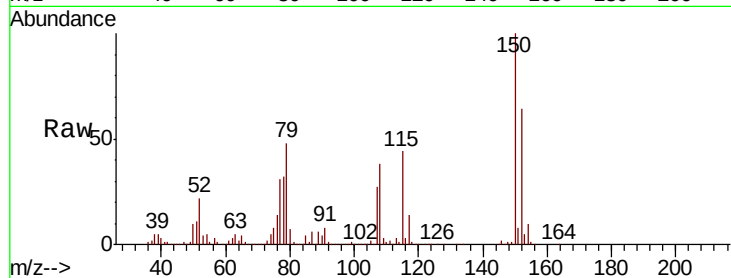
77 64.2 50.6 76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.898 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

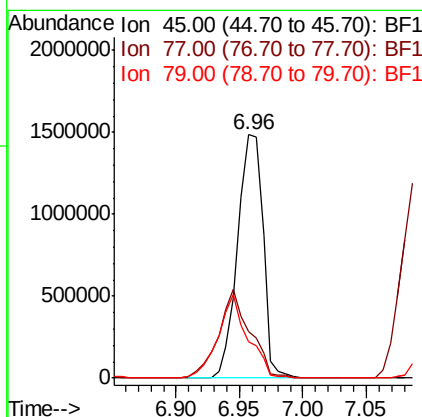
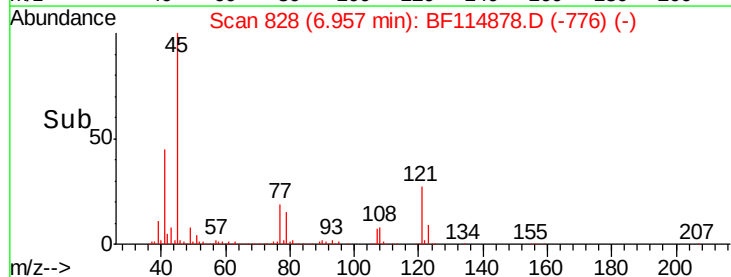
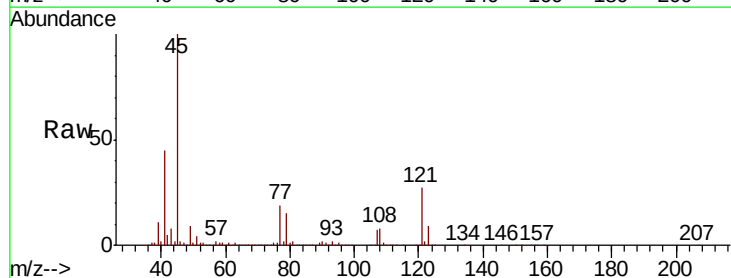
Tgt Ion: 45 Resp: 2057997

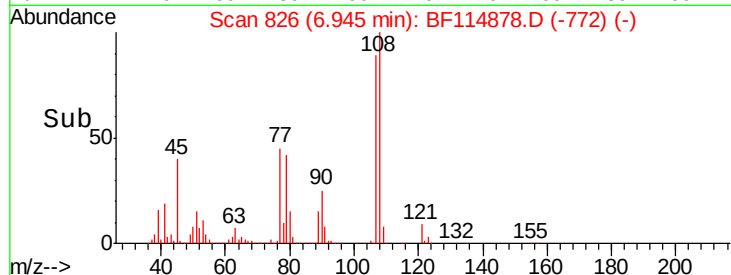
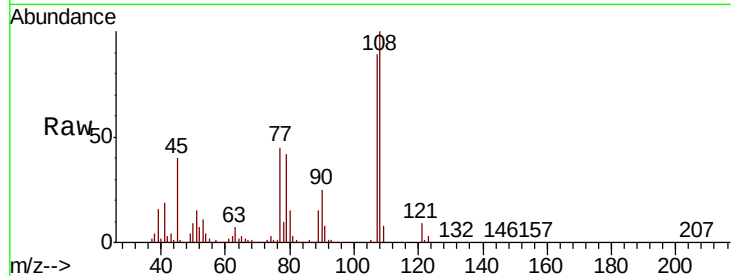
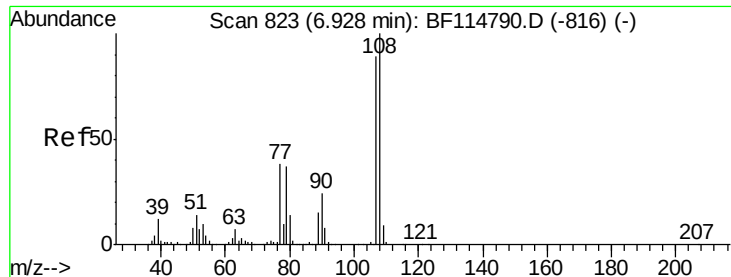
Ion Ratio Lower Upper

45 100

77 19.1 0.0 35.8

79 14.6 0.0 32.0





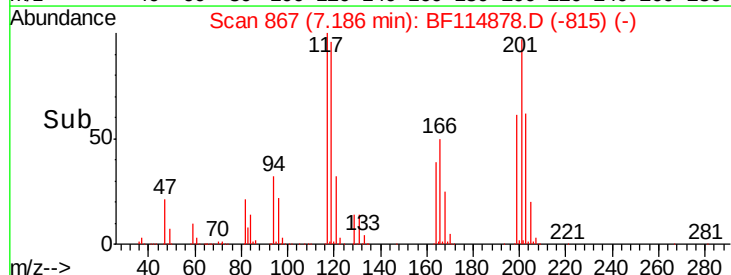
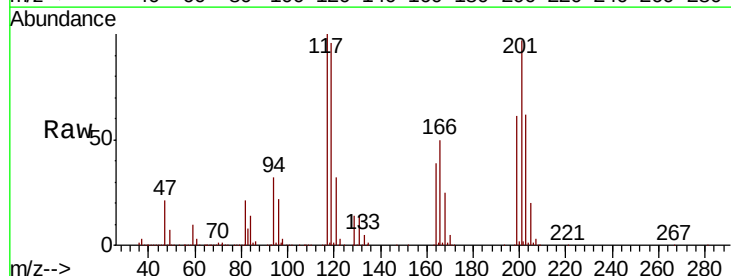
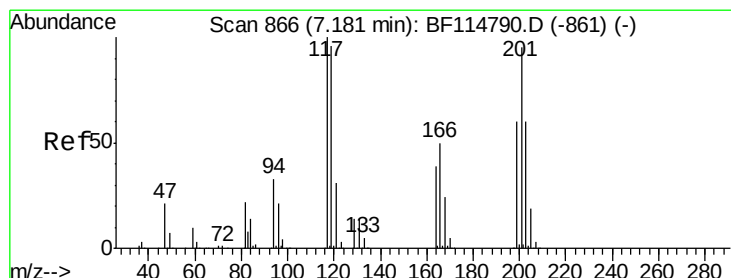
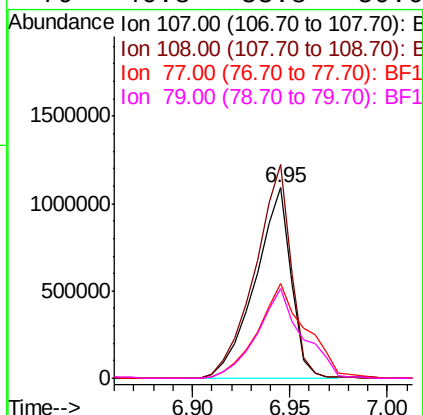
#17
2-Methylphenol
Concen: 45.568 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.02 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tot Ion	Ratio	Resp	Lower	Upper
107	100	1390098		
108	112.1	90.2	135.2	
77	49.9	34.5	51.7	
79	46.8	33.8	50.6	

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

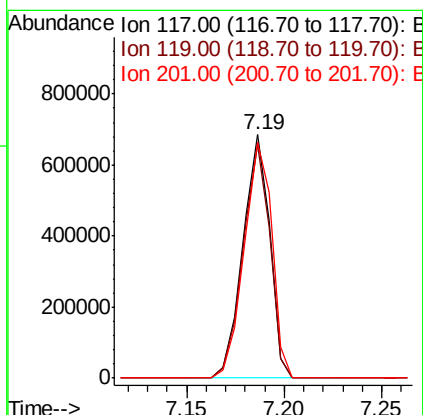
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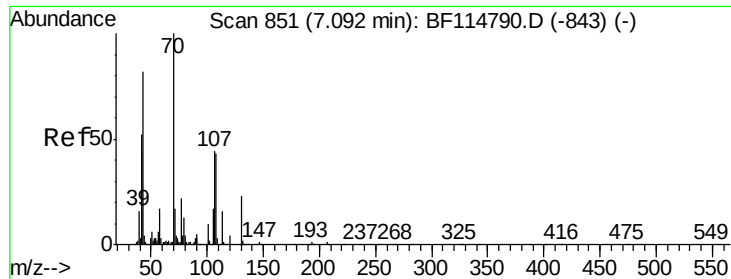
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#18
Hexachloroethane
Concen: 41.488 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	653444		
119	96.0	77.0	115.4	
201	96.9	76.0	114.0	





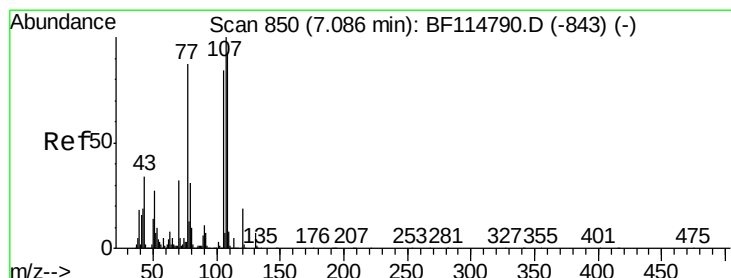
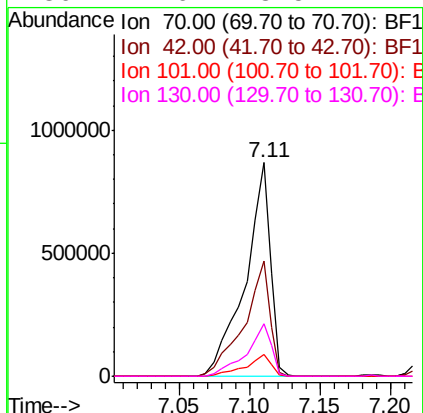
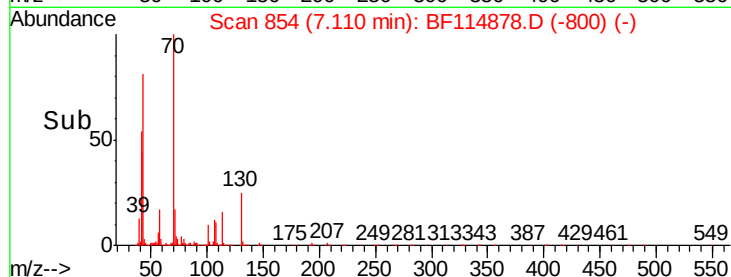
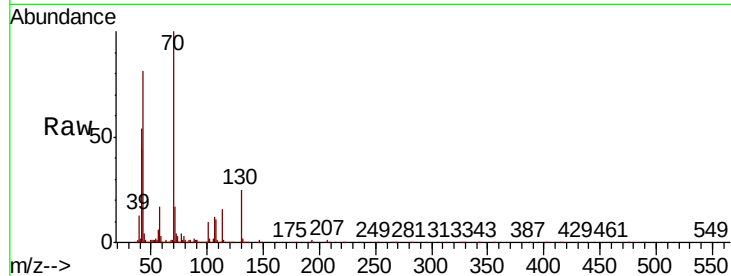
#19
n-Nitroso-di-n-propylamine
Concen: 43.537 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.02 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.7	41.8	62.8	
101	10.5	8.2	12.4	
130	24.6	18.5	27.7	

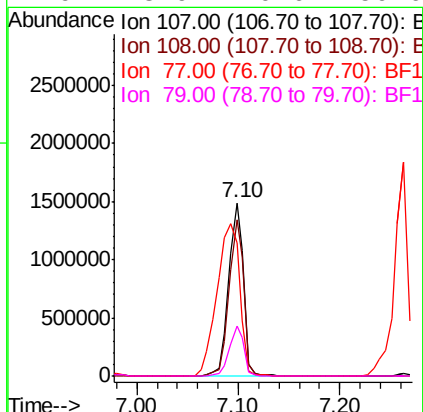
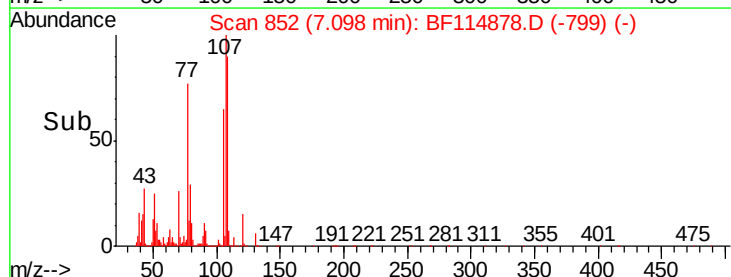
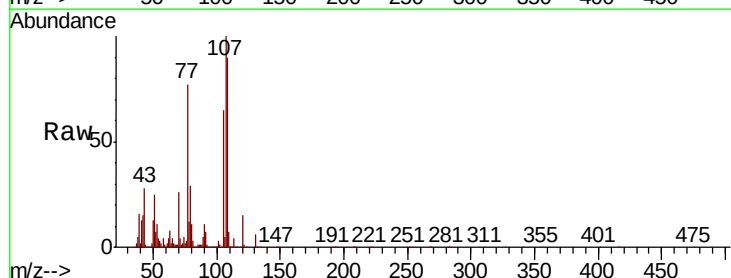
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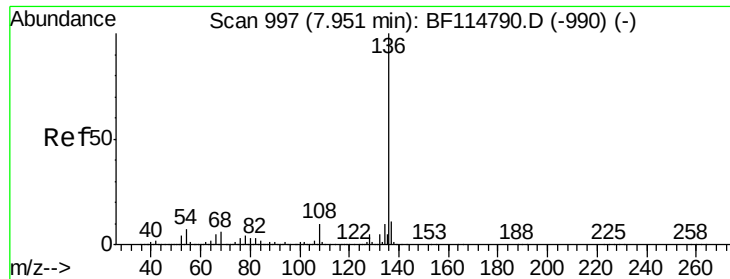
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#20
3+4-Methylphenols
Concen: 44.914 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	73.5	113.5	
77	76.6	67.2	107.2	
79	28.9	10.6	50.6	





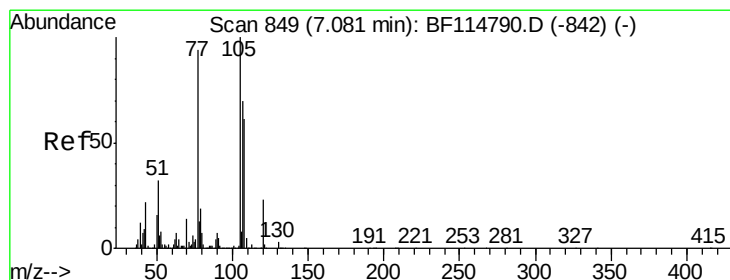
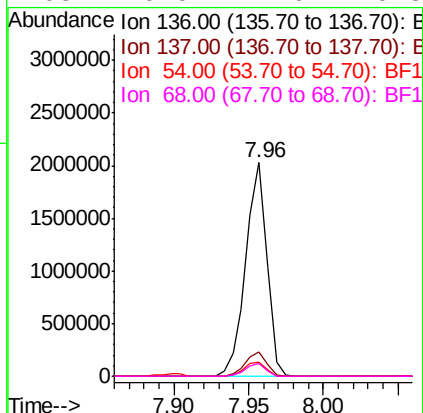
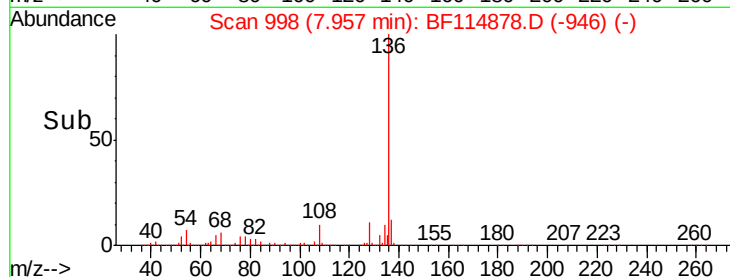
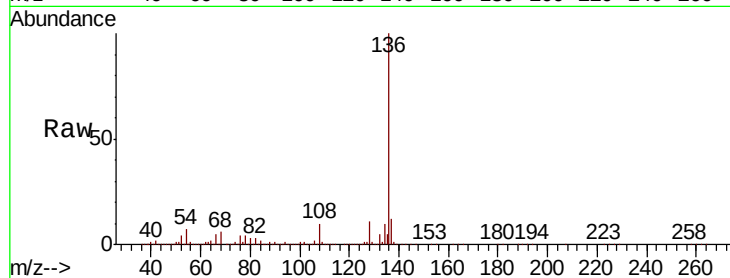
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

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

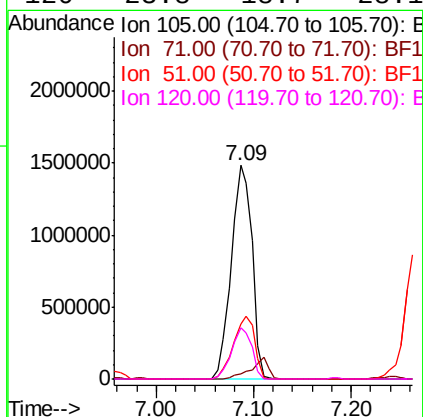
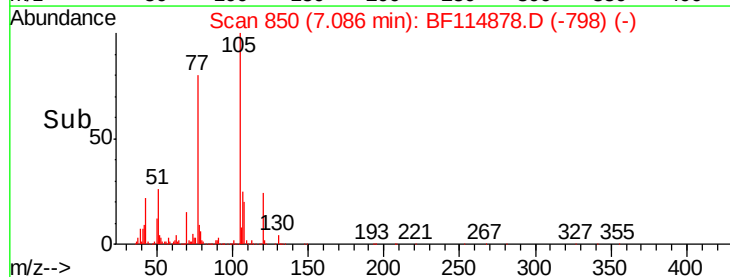
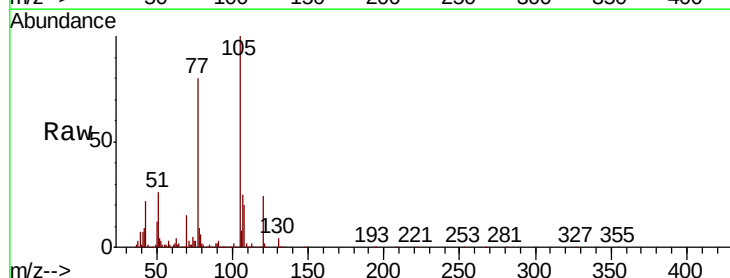
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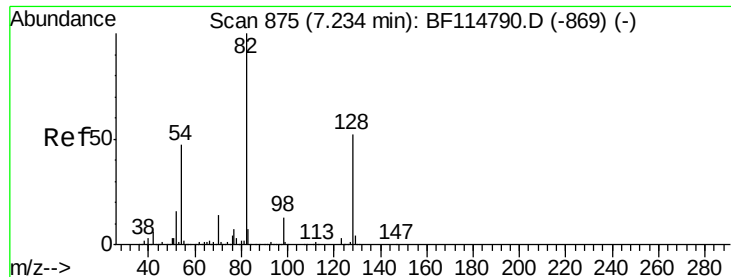
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#22
Acetophenone
Concen: 49.562 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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





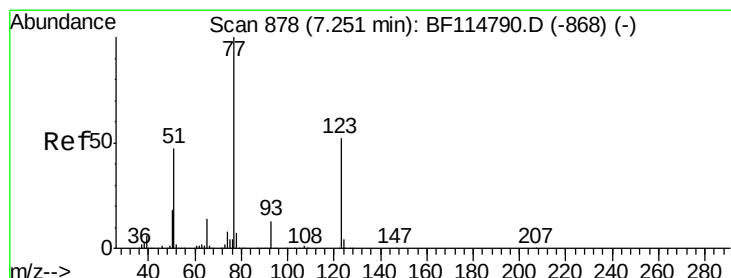
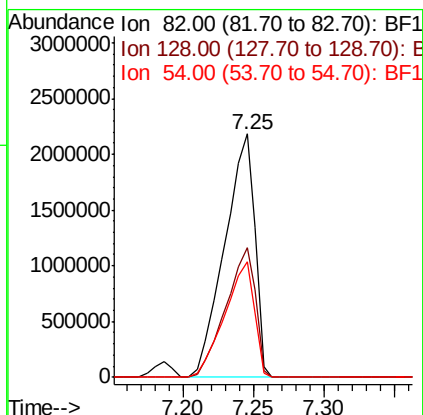
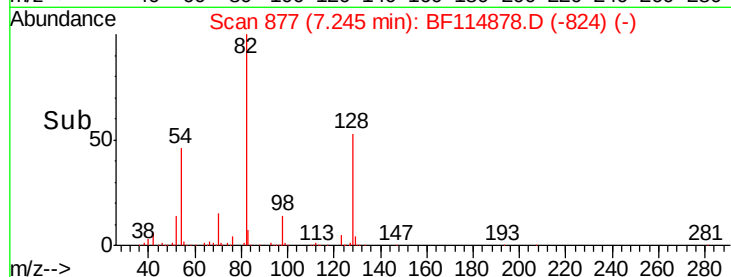
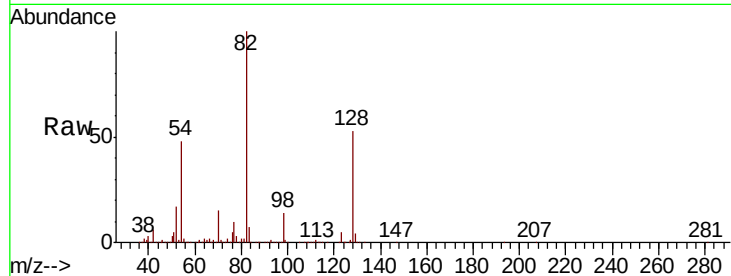
#23
 Nitrobenzene-d5
 Concen: 100.032 ng
 RT: 7.25 min Scan# 877
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

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

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

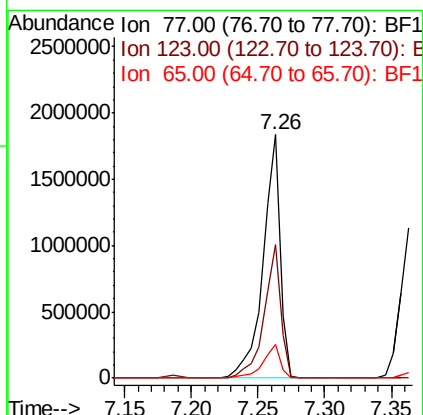
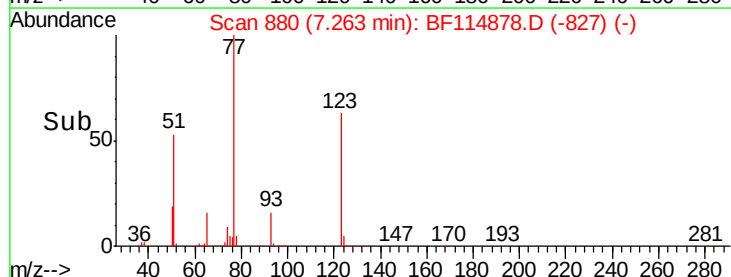
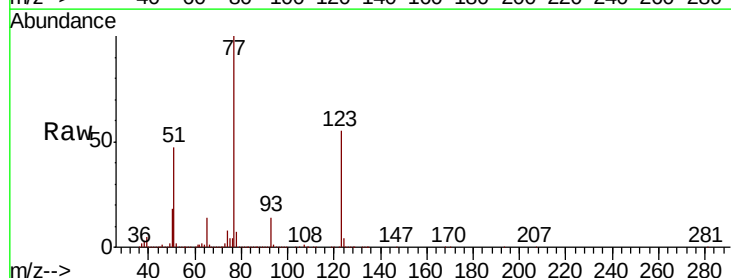
Manual Integrations
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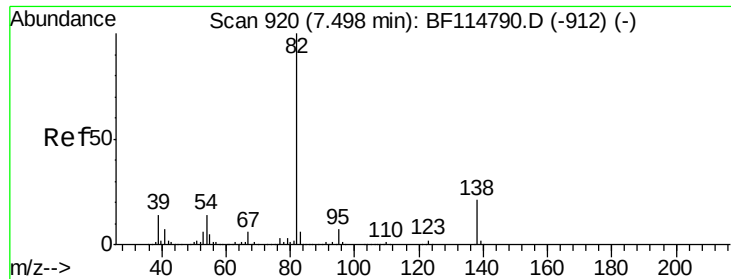
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#24
 Nitrobenzene
 Concen: 48.068 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

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





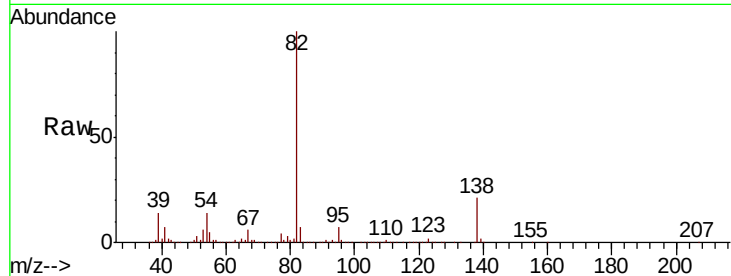
#25
Isophorone
Concen: 49.929 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

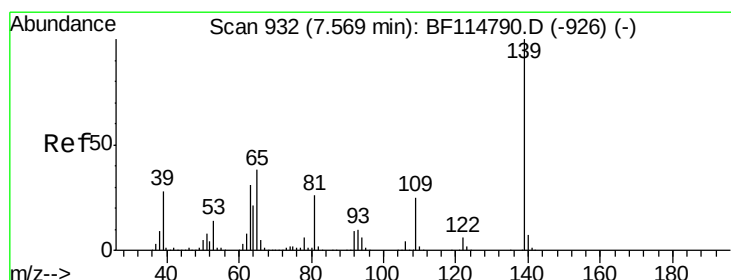
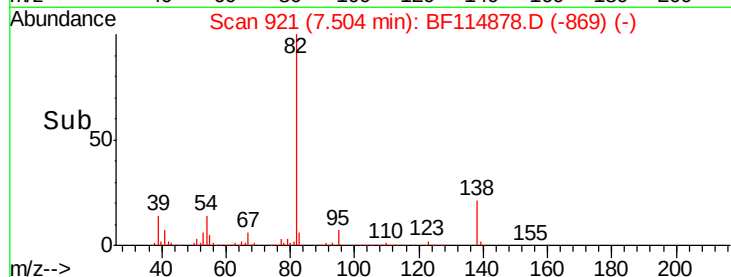
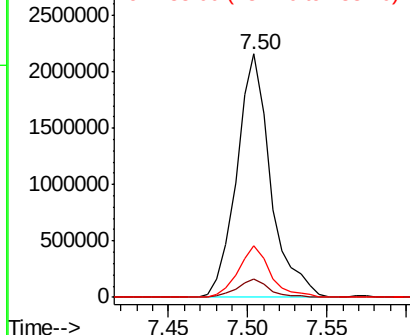
Tot Ion: 82 Resp: 3194914
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 21.4 16.9 25.3

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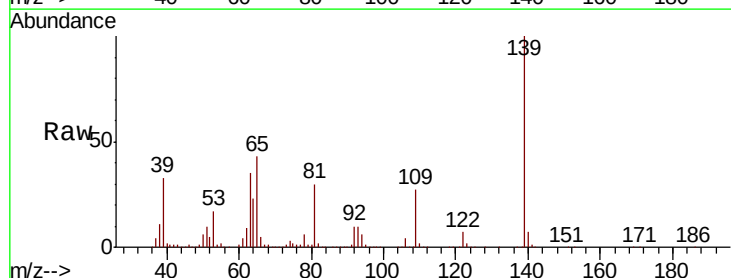


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

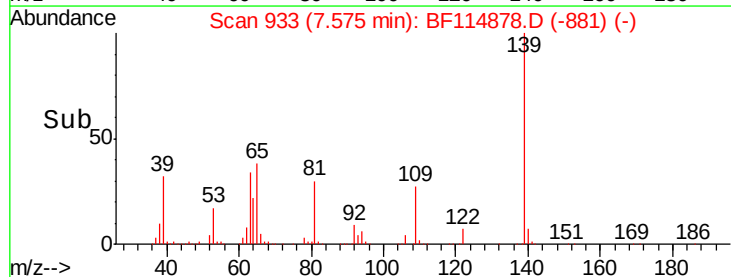
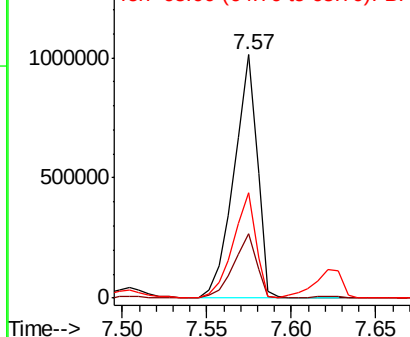


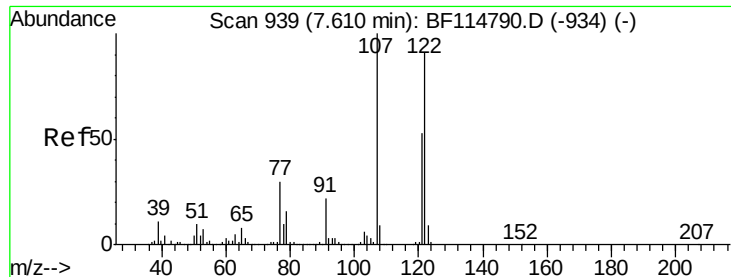
#26
2-Nitrophenol
Concen: 53.339 ng
RT: 7.57 min Scan# 933
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion: 139 Resp: 968710
Ion Ratio Lower Upper
139 100
109 26.7 20.4 30.6
65 43.2 30.5 45.7



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





#27

2,4-Dimethylphenol

Concen: 54.095 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

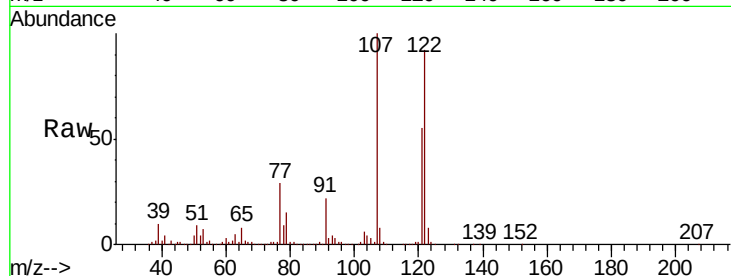
ClientSampleId :

FK-EF-01-011-ABCDMSD

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

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6/7/2019 2:11:52 PM

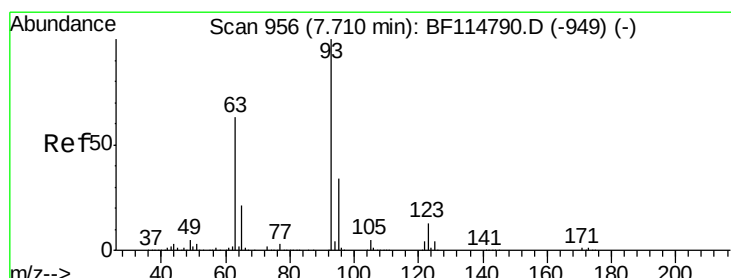
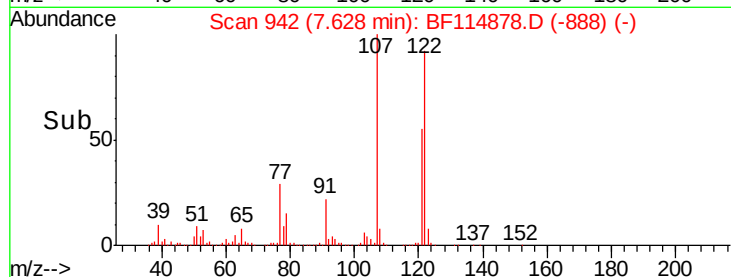
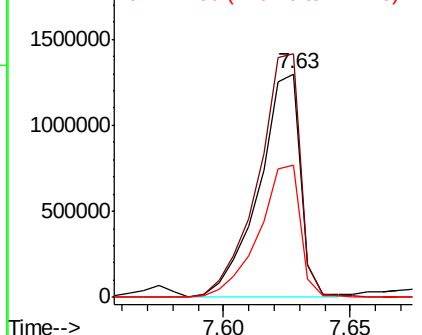


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.379 ng

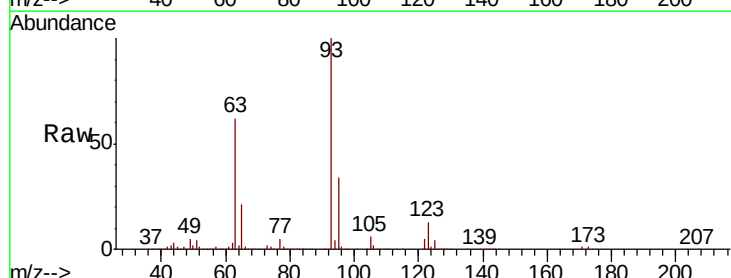
RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

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

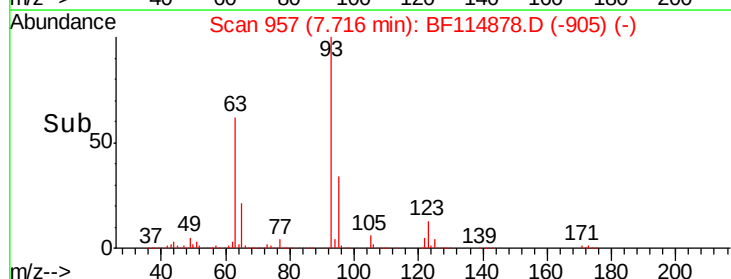
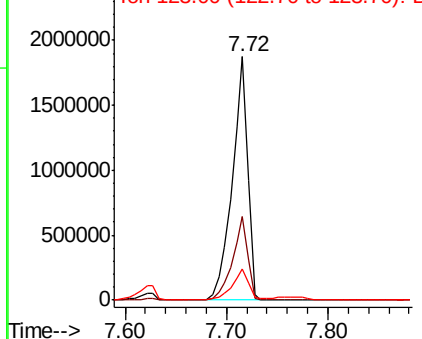


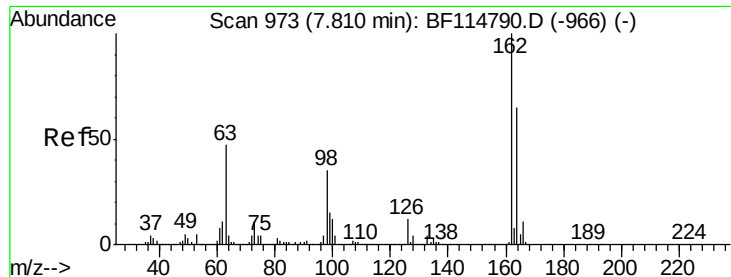
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





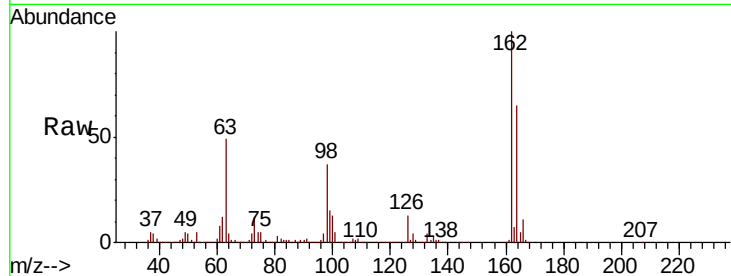
#29
2,4-Dichlorophenol
Concen: 48.136 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

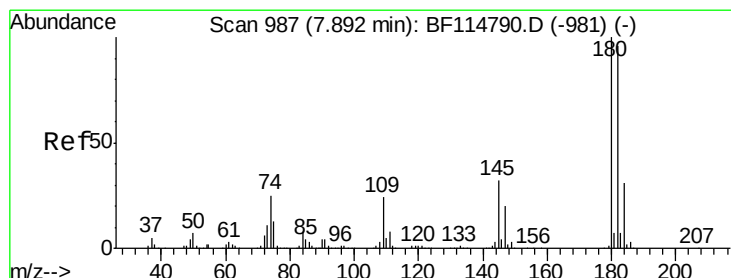
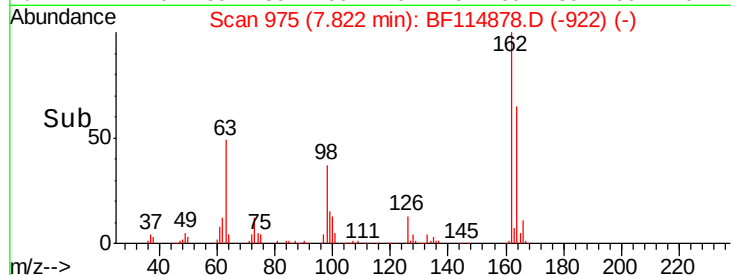
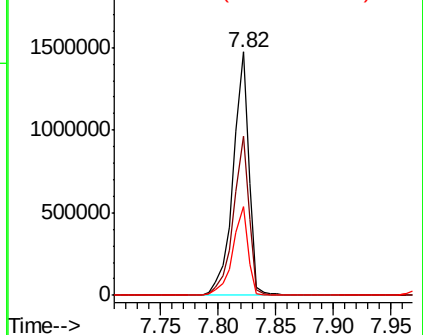
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.1	85.1
98	36.5	14.6	54.6

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6/7/2019 2:11:52 PM

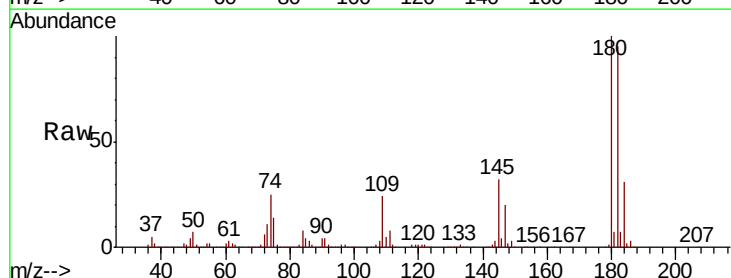


Abundance Ion 162.00 (161.70 to 162.70): E
2000000
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

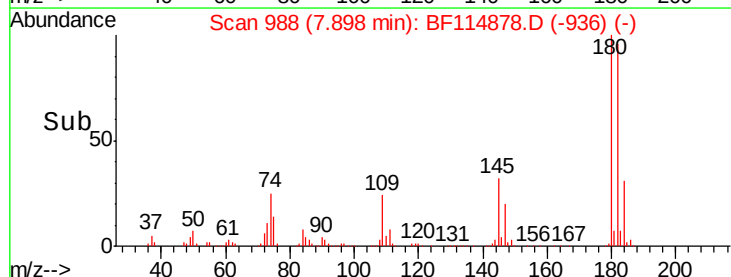
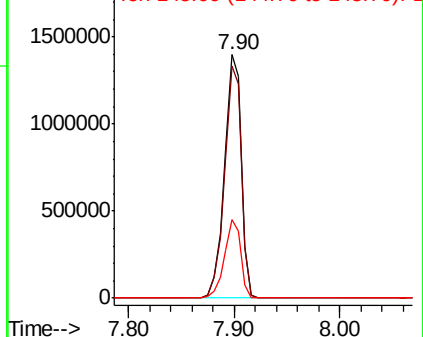


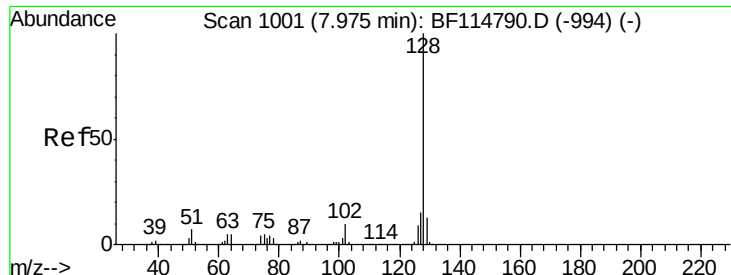
#30
1,2,4-Trichlorobenzene
Concen: 46.228 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.5	114.7
145	32.4	25.8	38.8



Abundance Ion 180.00 (179.70 to 180.70): E
1500000
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





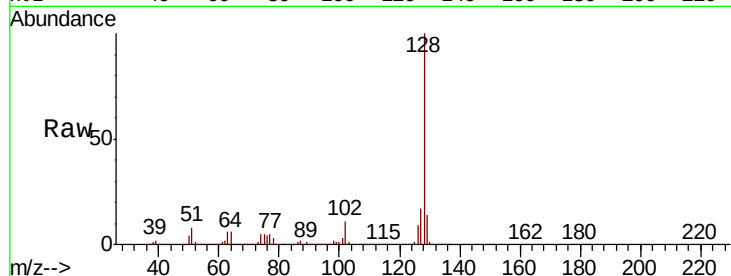
#31
Naphthalene
Concen: 45.875 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

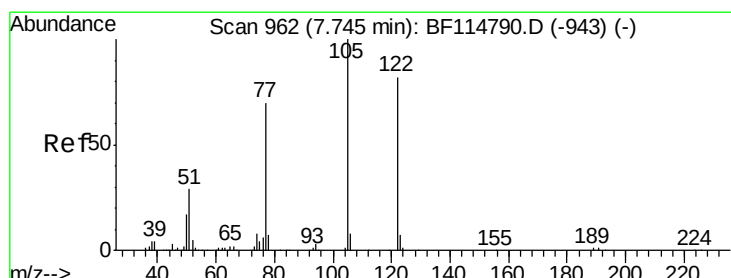
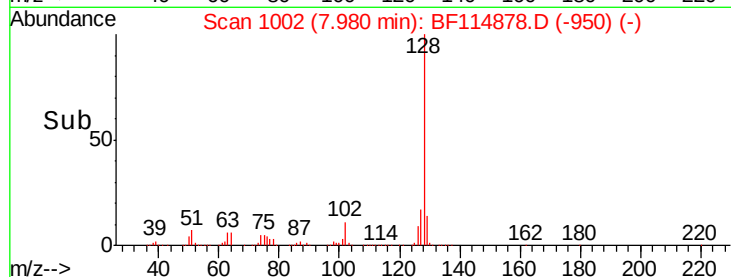
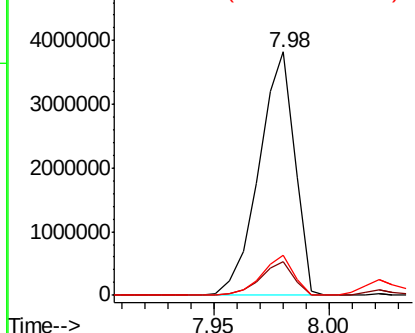
Tot Ion:128 Resp: 4115148
Ion Ratio Lower Upper
128 100
129 13.8 10.0 15.0
127 16.5 12.2 18.2

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6/7/2019 2:11:52 PM

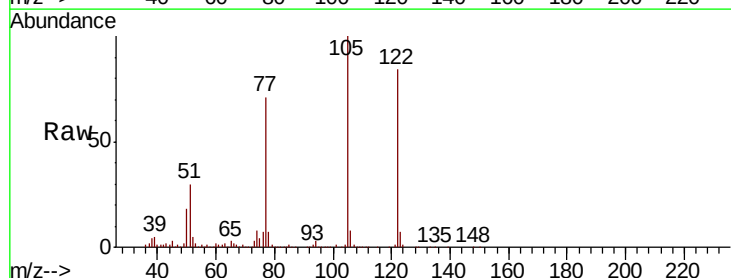


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

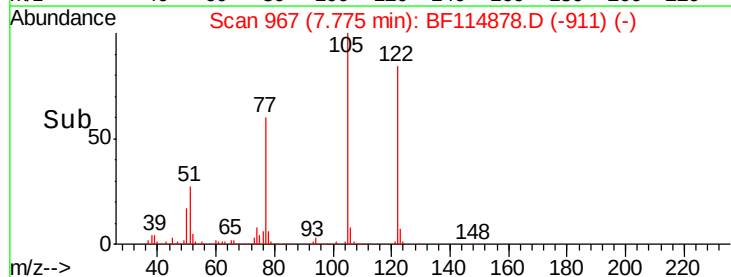
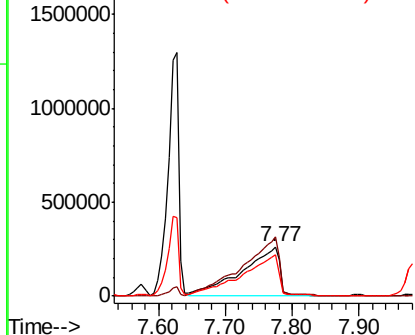


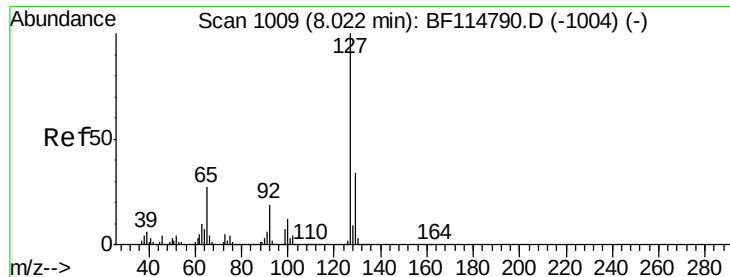
#32
Benzoic acid
Concen: 50.649 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.03 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion:122 Resp: 1018276
Ion Ratio Lower Upper
122 100
105 119.7 98.7 138.7
77 84.9 64.8 104.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





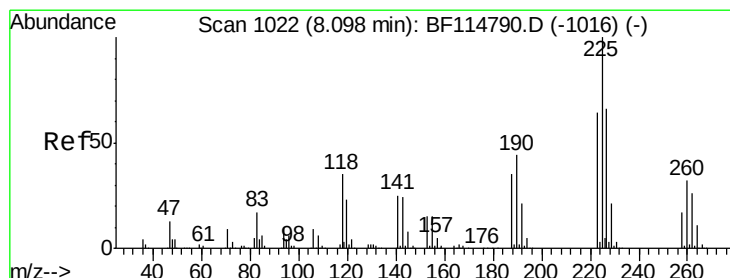
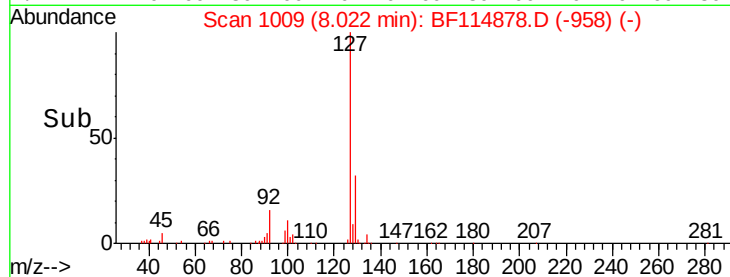
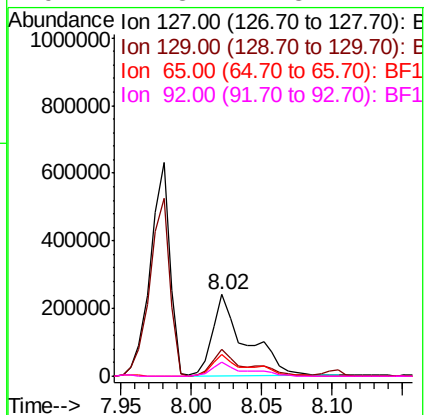
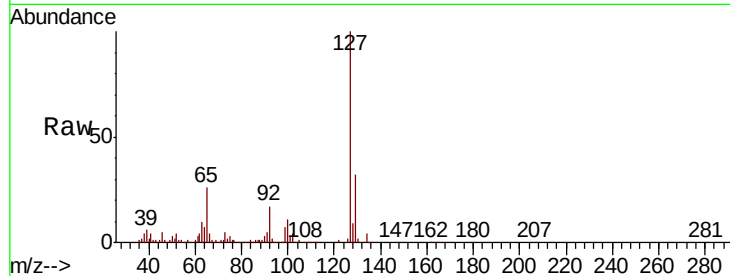
#33
4-Chloroaniline
Concen: 9.181 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

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

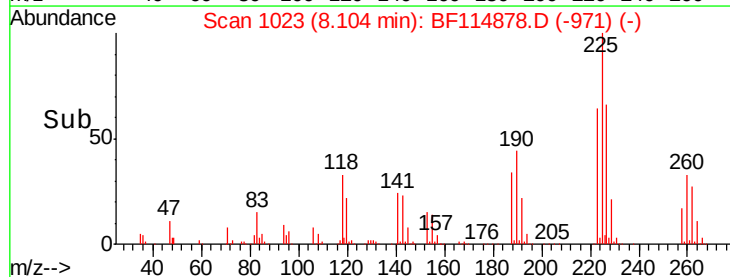
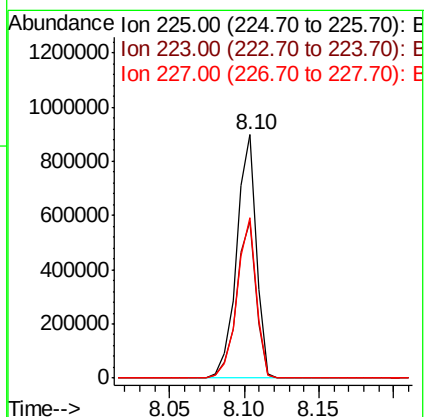
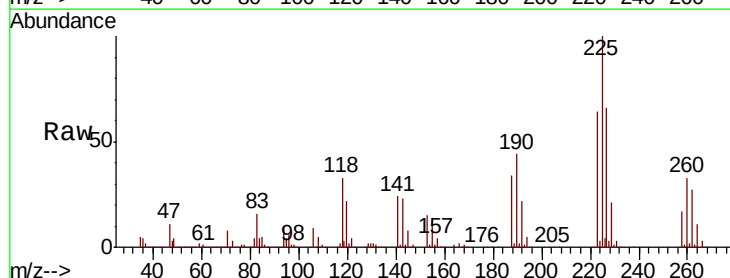
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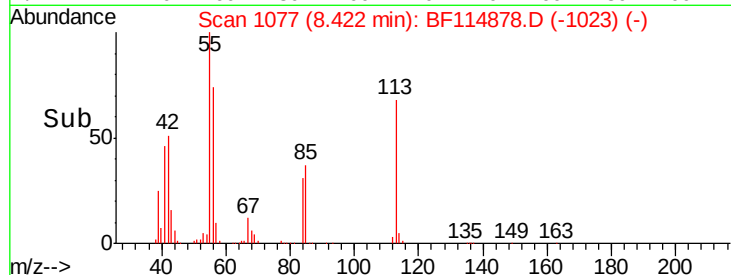
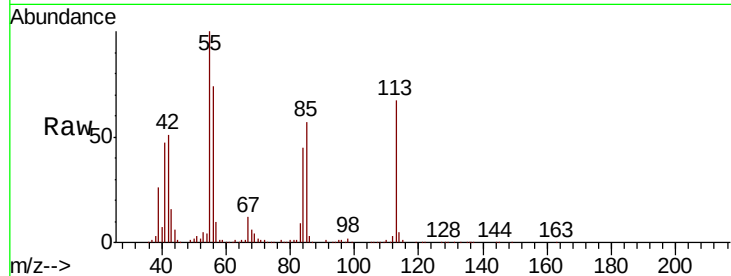
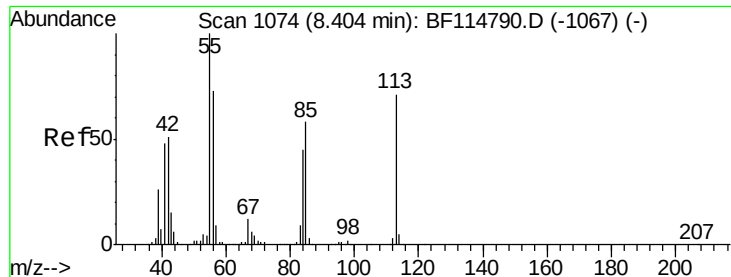
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6/7/2019 2:11:52 PM



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

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





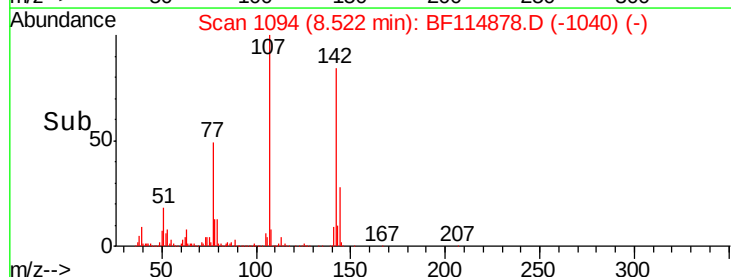
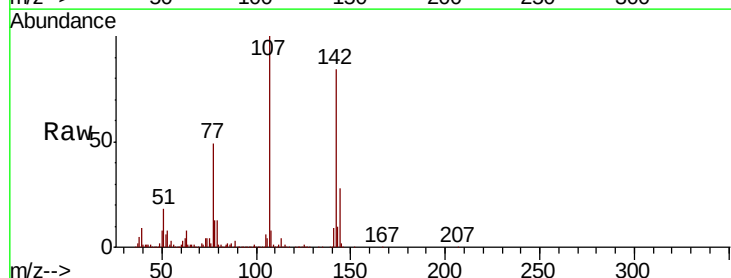
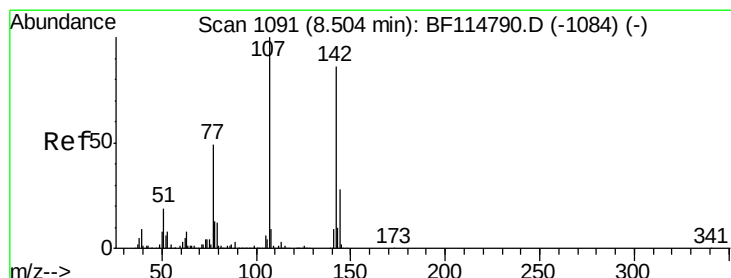
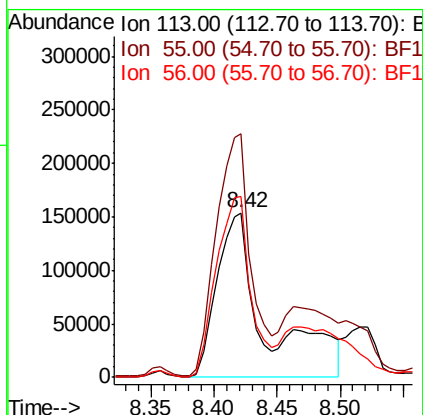
#35
Caprolactam
Concen: 43.258 ng/ml
RT: 8.42 min Scan# 1077
Delta R.T. 0.02 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tot Ion	Ratio	Lower	Upper
113	100		
55	148.2	121.1	161.1
56	109.8	82.6	122.6

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

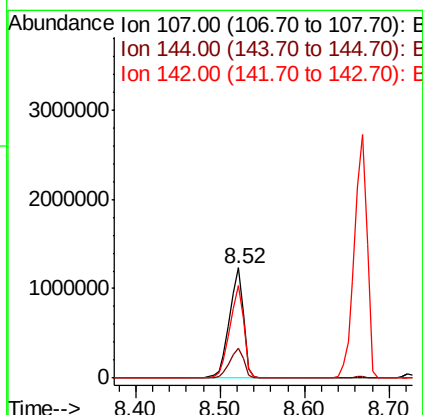
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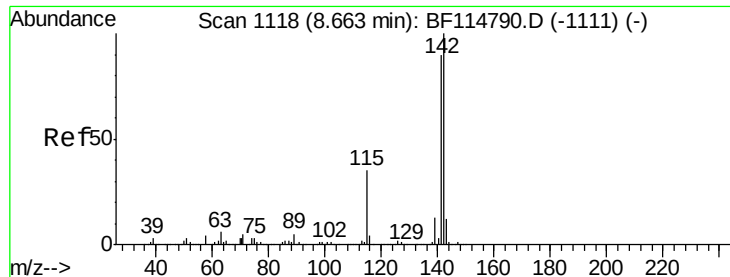
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6/7/2019 2:11:52 PM



#36
4-Chloro-3-methylphenol
Concen: 49.155 ng/ml
RT: 8.52 min Scan# 1094
Delta R.T. 0.02 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	22.1	33.1
142	84.4	68.4	102.6





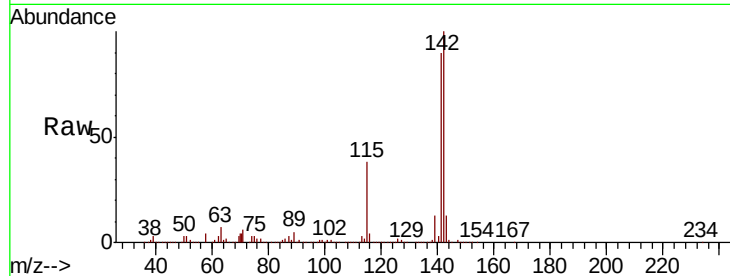
#37
2-Methylnaphthalene
Concen: 45.984 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

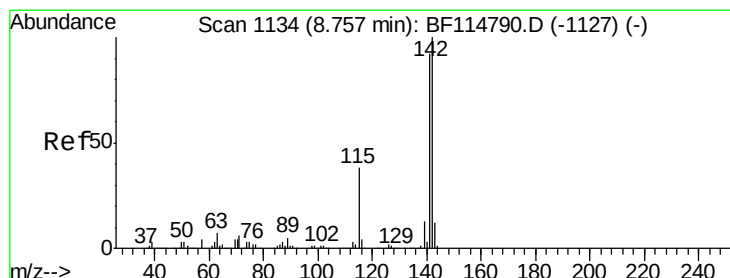
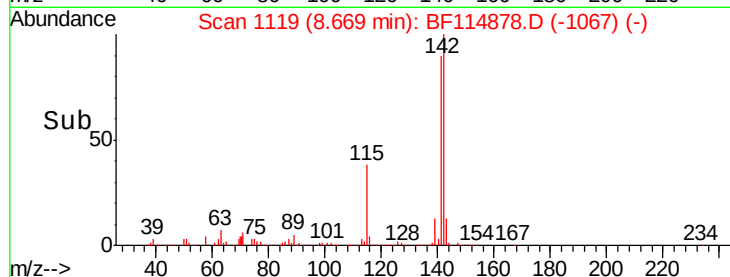
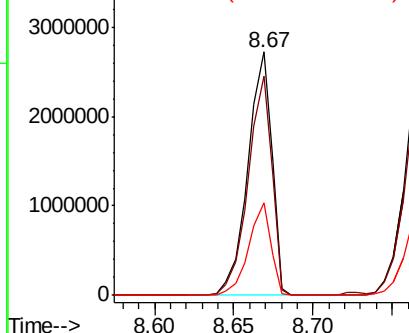
Tot Ion:142 Resp: 2861081
Ion Ratio Lower Upper
142 100
141 90.0 71.6 107.4
115 38.0 28.2 42.4

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6/7/2019 2:11:52 PM



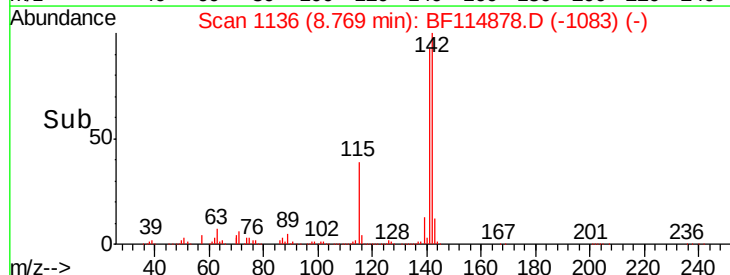
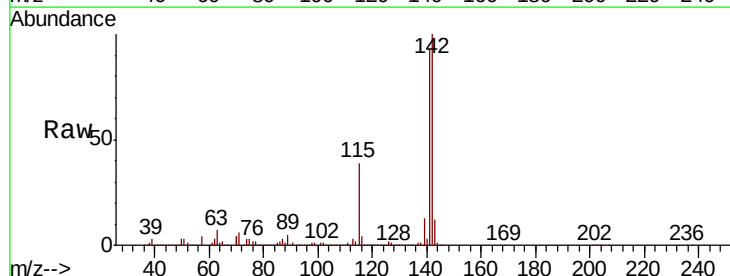
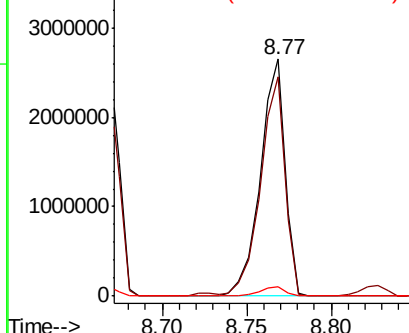
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

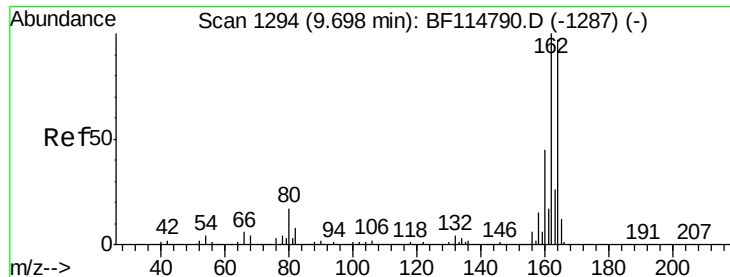


#38
1-Methylnaphthalene
Concen: 45.383 ng
RT: 8.77 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion:142 Resp: 2677810
Ion Ratio Lower Upper
142 100
141 92.5 73.8 110.6
116 4.2 3.3 4.9

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





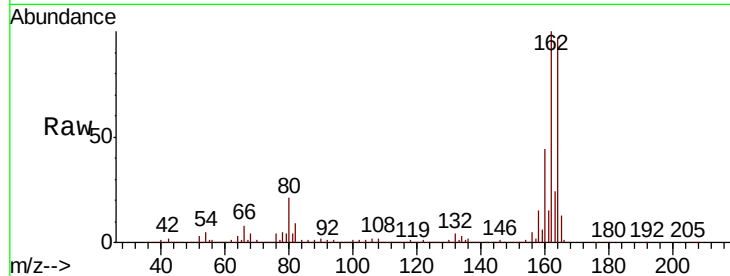
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.3	123.5
160	45.5	36.7	55.1

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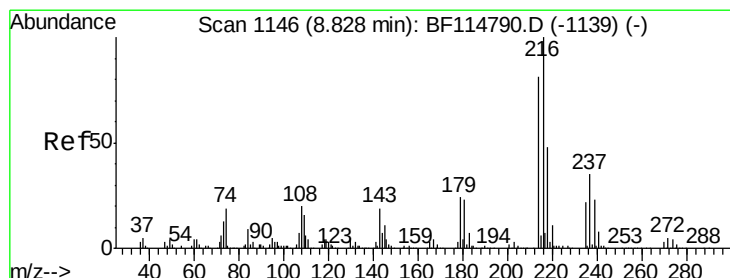
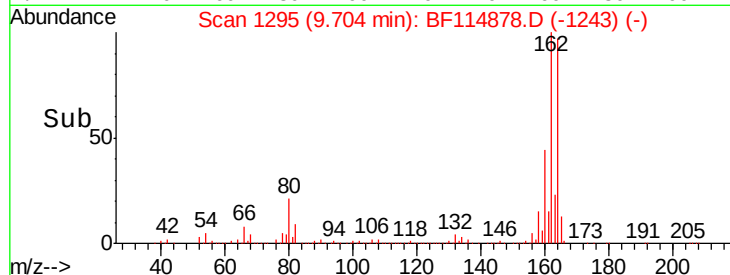
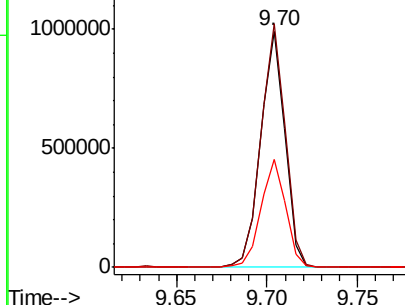


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.810 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.4	95.2
179	23.6	18.3	27.5
108	20.5	15.5	23.3

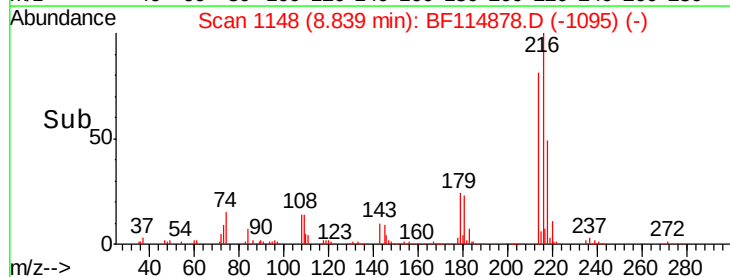
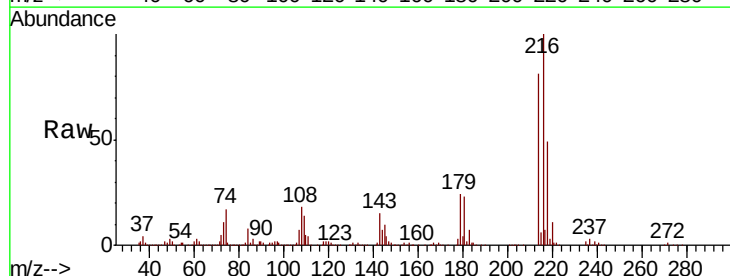
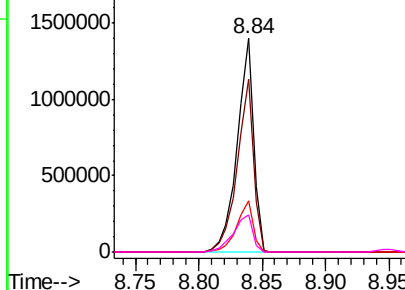
Abundance

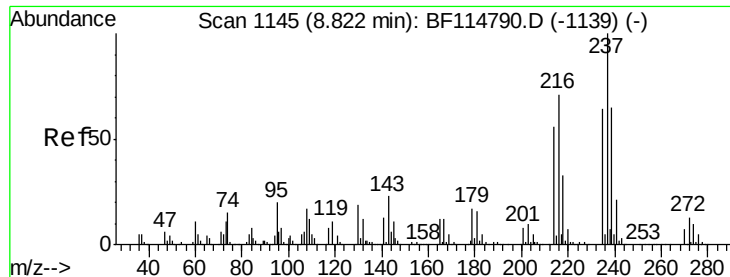
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 61.597 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

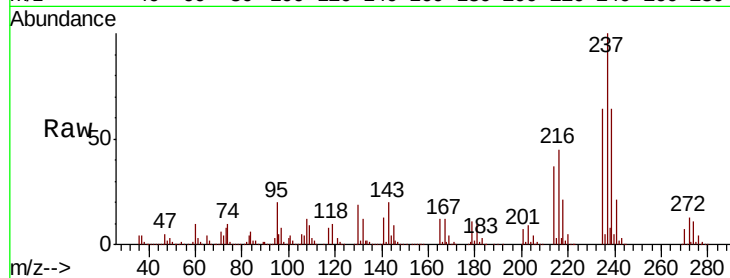
ClientSampleId :

FK-EF-01-011-ABCDMSD

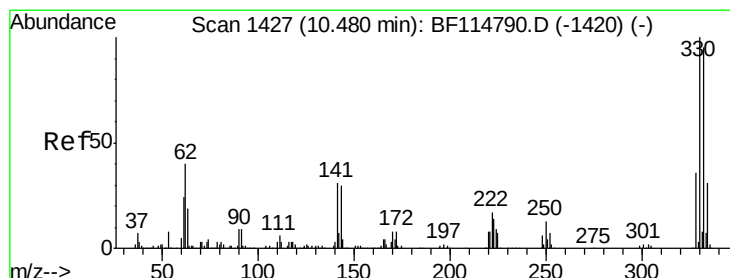
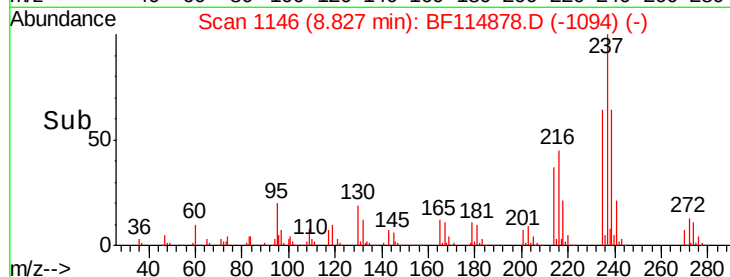
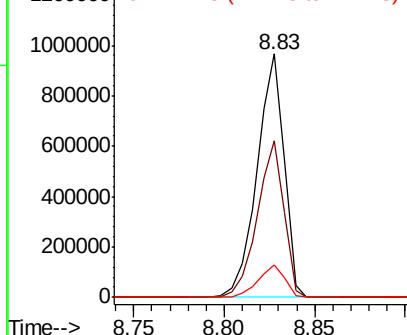
Tot Ion:	237	Resp:	996859
Ion Ratio		Lower	Upper
237	100		
235	64.3	44.0	84.0
272	13.2	0.0	33.4

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6/7/2019 2:11:52 PM



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



#42

2,4,6-Tribromophenol

Concen: 121.404 ng

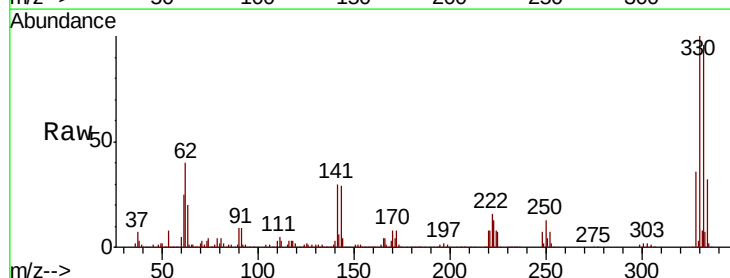
RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

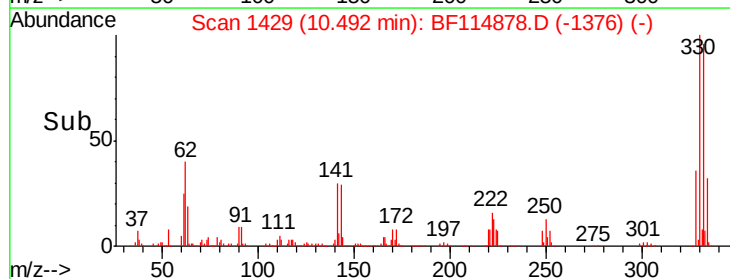
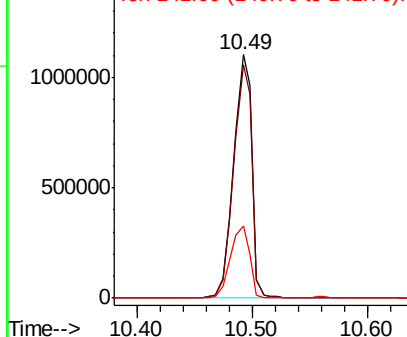
Lab File: BF114878.D

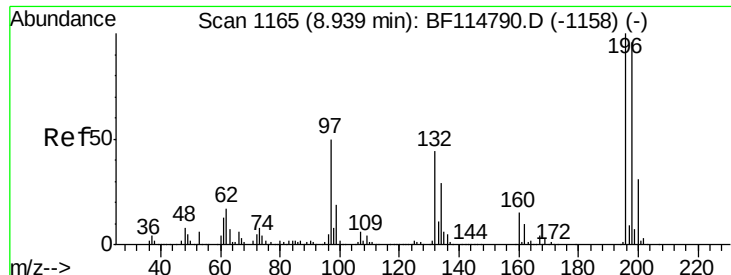
Acq: 6 Jun 2019 22:29

Tgt Ion:	330	Resp:	1211407
Ion Ratio		Lower	Upper
330	100		
332	96.3	77.3	115.9
141	31.3	26.2	39.4



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





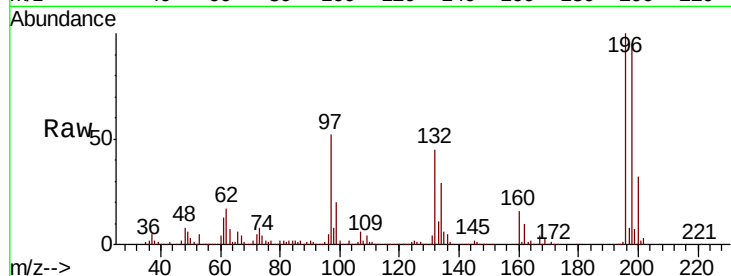
#43
2,4,6-Trichlorophenol
Concen: 48.609 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

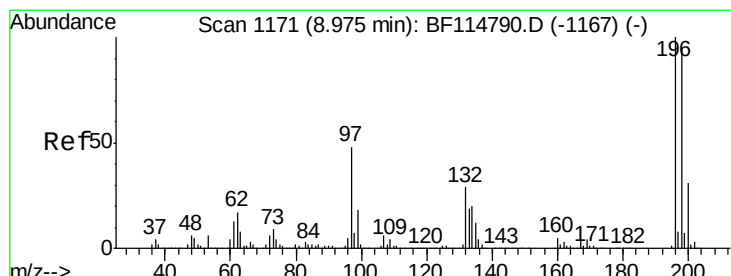
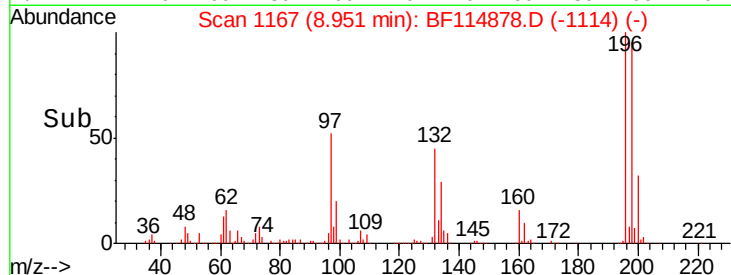
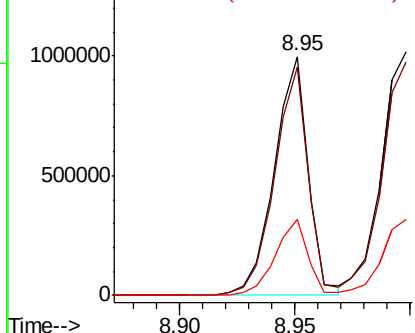
Tot Ion:196 Resp: 1008582
Ion Ratio Lower Upper
196 100
198 95.4 77.1 115.7
200 31.7 24.6 36.8

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6/7/2019 2:11:52 PM



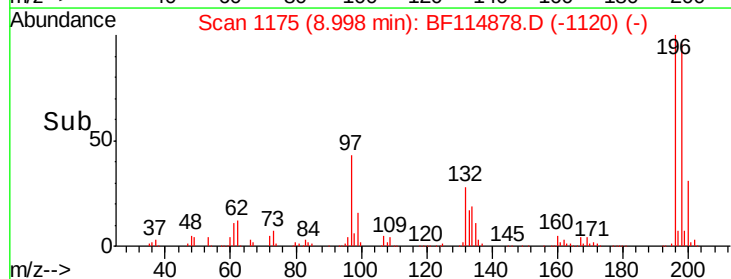
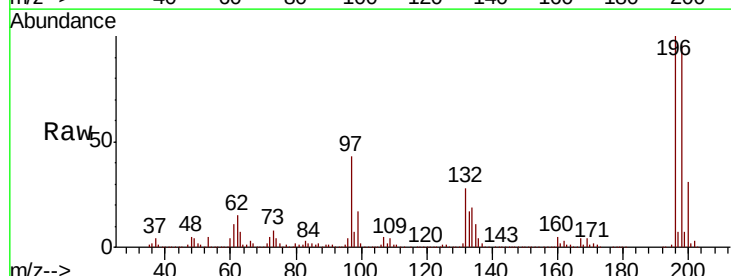
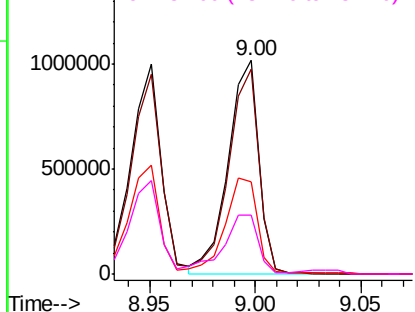
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

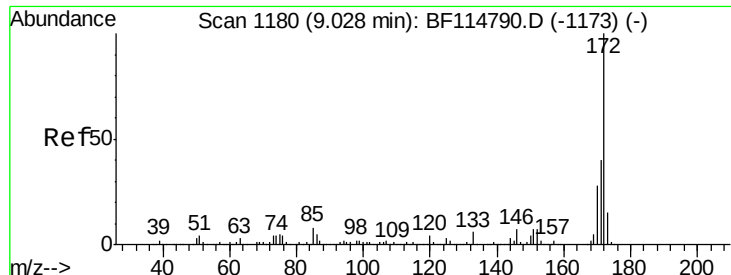


#44
2,4,5-Trichlorophenol
Concen: 48.554 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.02 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion:196 Resp: 1014588
Ion Ratio Lower Upper
196 100
198 95.7 76.2 114.4
97 42.9 38.2 57.4
132 27.6 23.7 35.5

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E





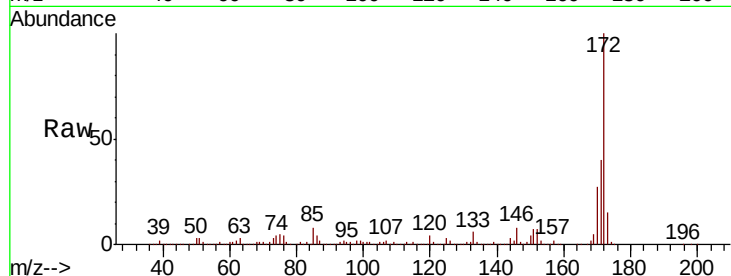
#45
2-Fluorobiphenyl
Concen: 95.032 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

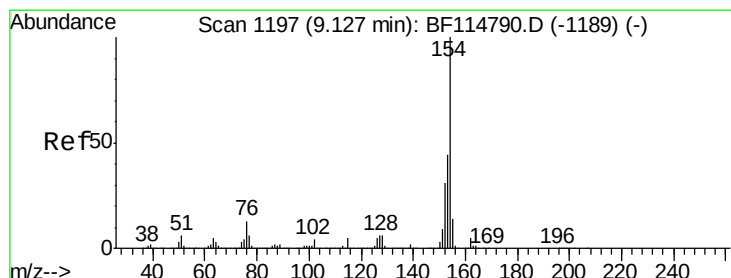
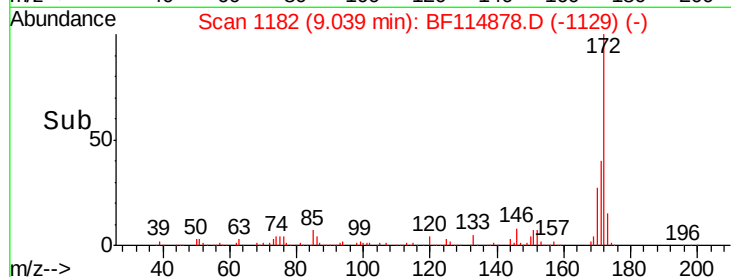
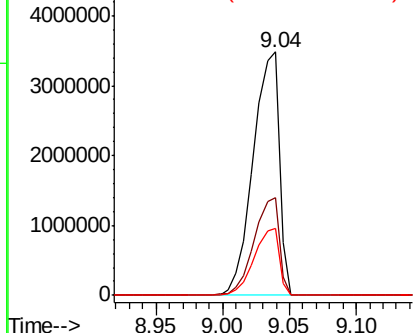
Tot Ion:172 Resp: 4697292
Ion Ratio Lower Upper
172 100
171 40.4 32.3 48.5
170 27.3 22.4 33.6

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6/7/2019 2:11:52 PM

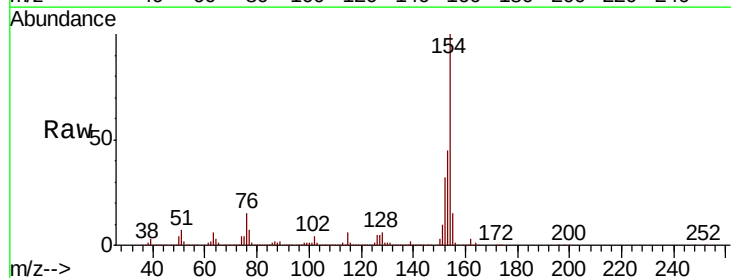


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

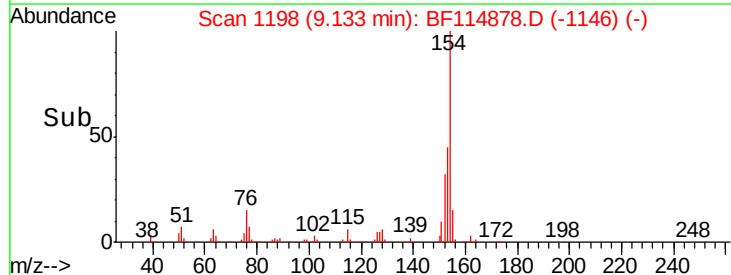
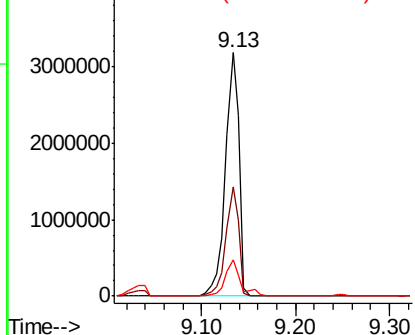


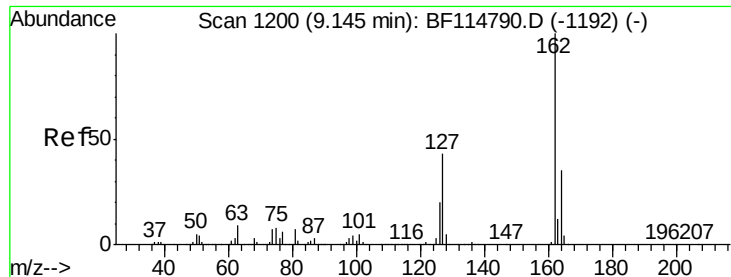
#46
1,1'-Biphenyl
Concen: 46.407 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





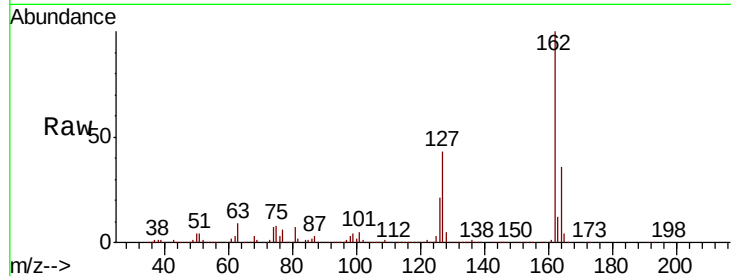
#47
 2-Chloronaphthalene
 Concen: 45.104 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

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

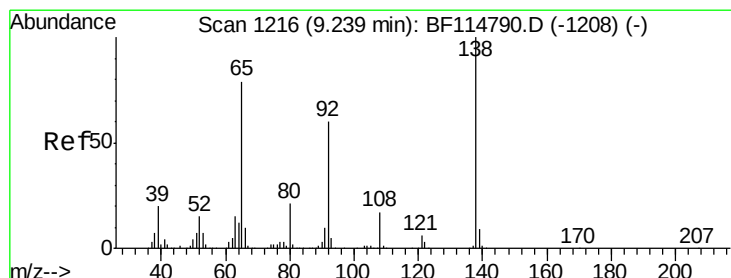
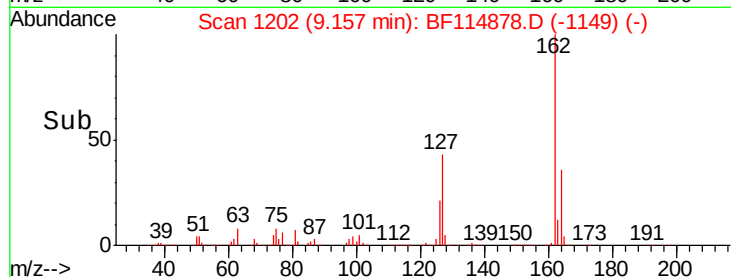
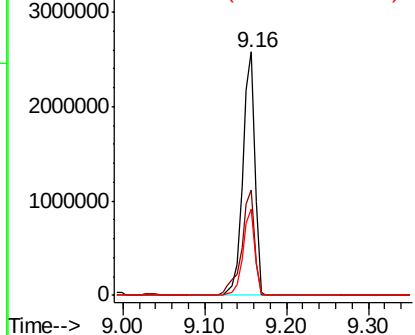
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.4	34.6	51.8
164	35.6	27.8	41.8

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 6/7/2019 2:11:52 PM

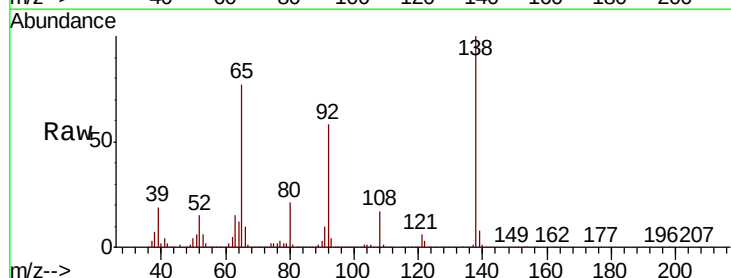


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

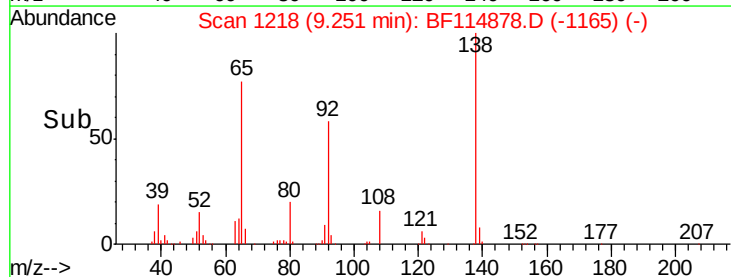
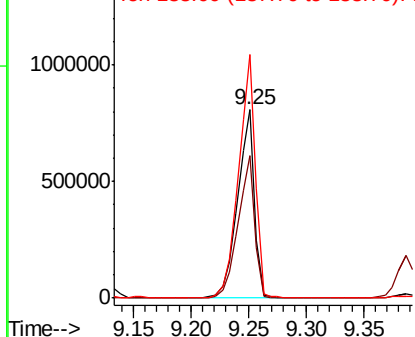


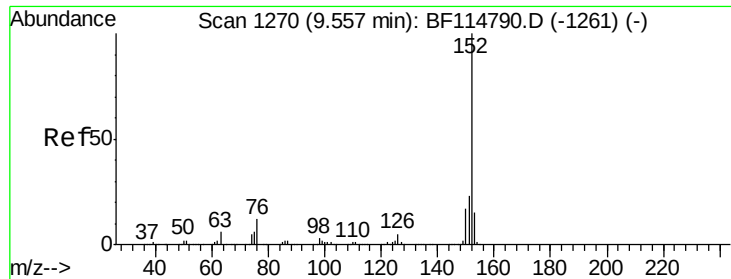
#48
 2-Nitroaniline
 Concen: 46.686 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

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



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





#49

Acenaphthylene

Concen: 44.749 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

Tot Ion:152 Resp: 3784126

Ion Ratio Lower Upper

152 100

151 23.8 18.3 27.5

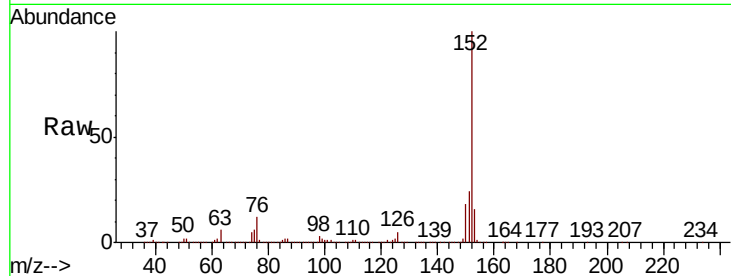
153 15.7 12.3 18.5

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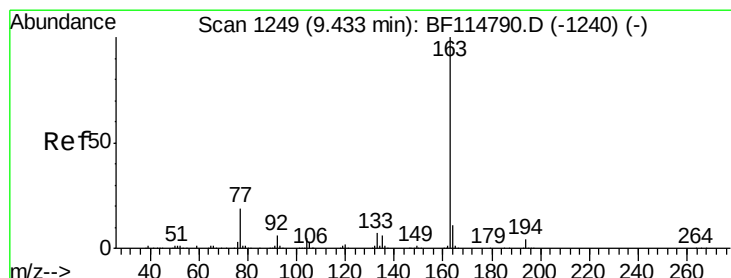
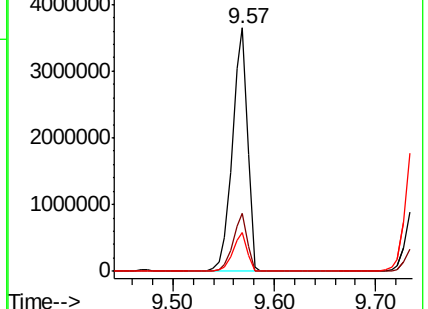
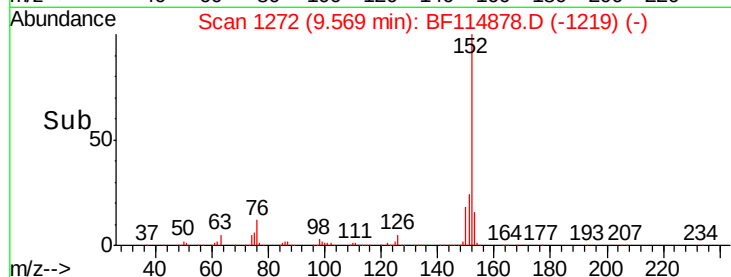
6/7/2019 2:11:52 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 58.929 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

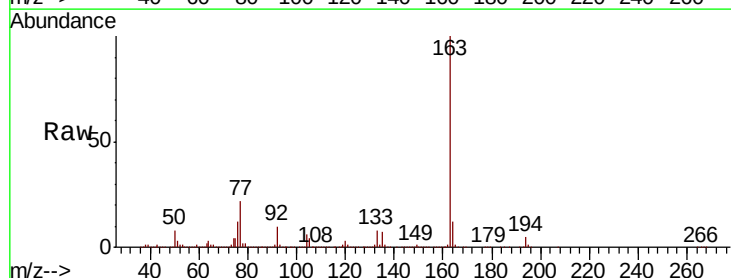
Tgt Ion:163 Resp: 3985130

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

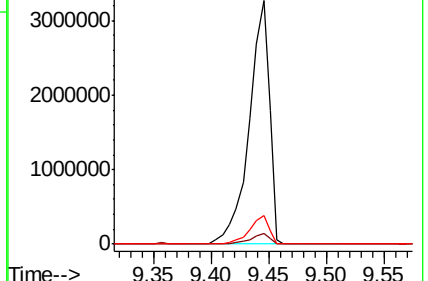
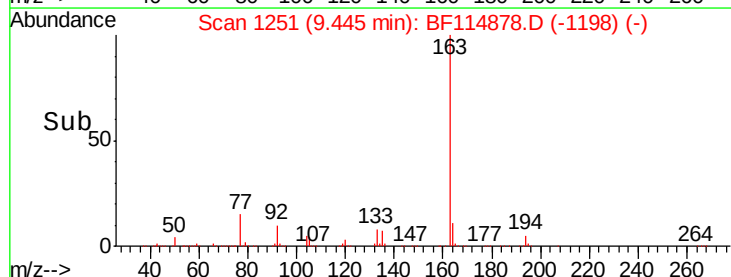
164 11.7 8.6 13.0

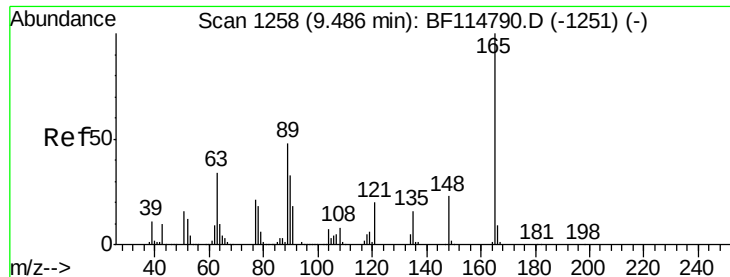


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.682 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

Tot Ion:165 Resp: 774243

Ion Ratio Lower Upper

165 100

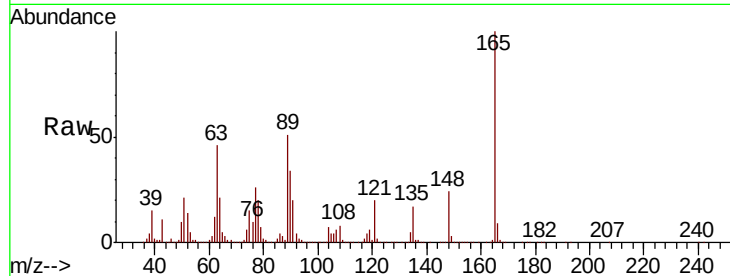
63 46.2 35.1 52.7

89 50.6 38.2 57.2

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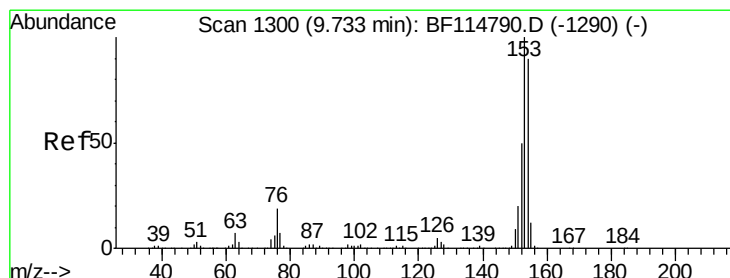
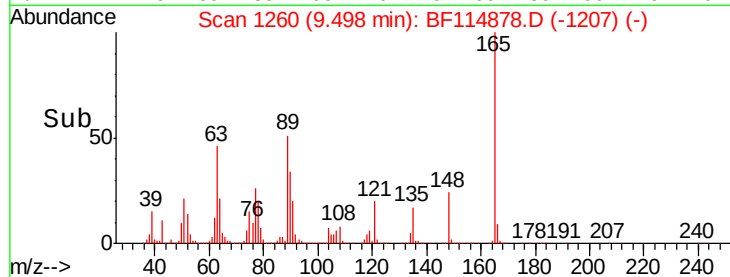
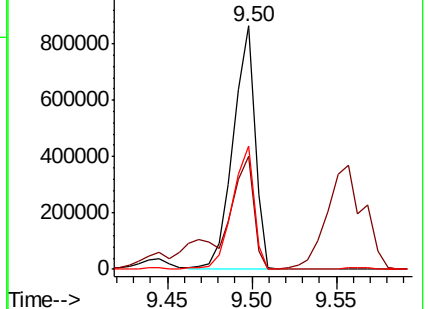
6/7/2019 2:11:52 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.637 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

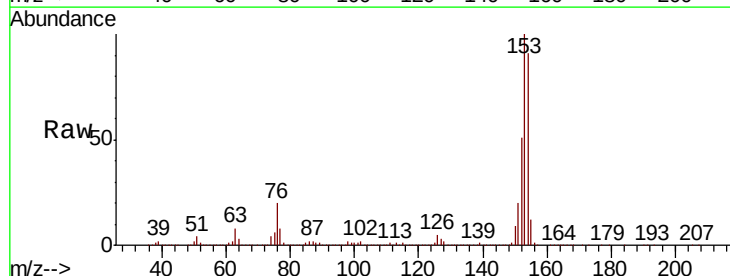
Tgt Ion:154 Resp: 2361859

Ion Ratio Lower Upper

154 100

153 110.0 88.5 132.7

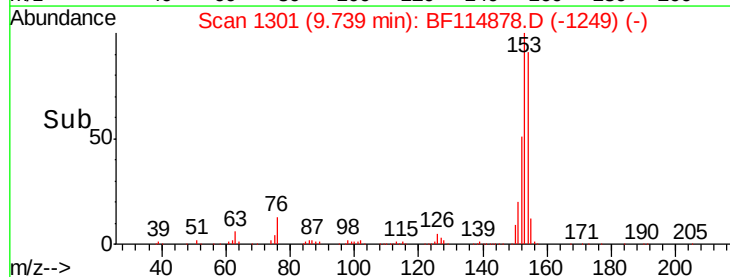
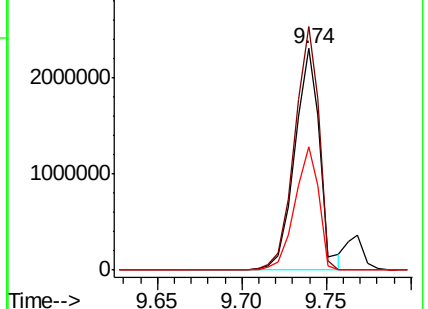
152 55.7 44.1 66.1

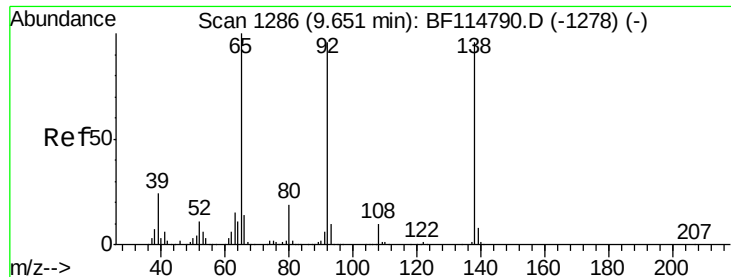


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





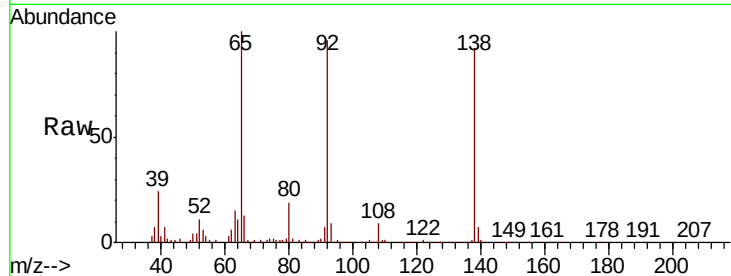
#53
3-Nitroaniline
Concen: 26.098 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

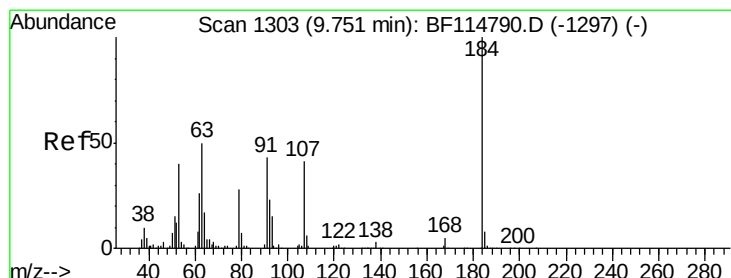
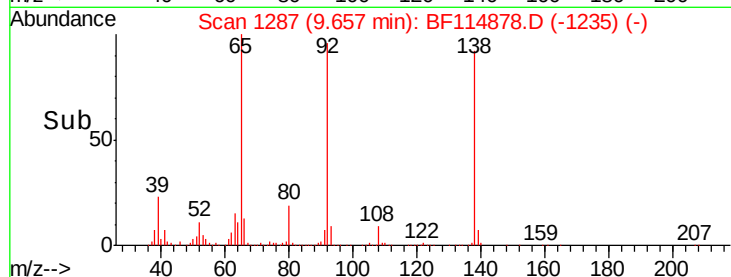
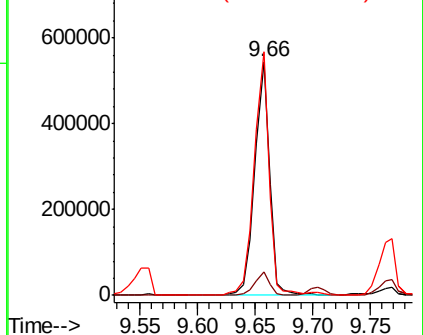
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	104.3	79.9	119.9

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6/7/2019 2:11:52 PM

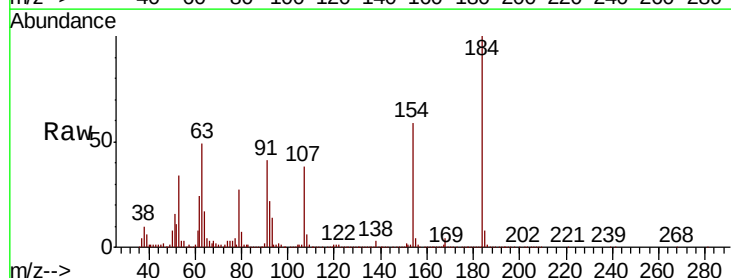


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

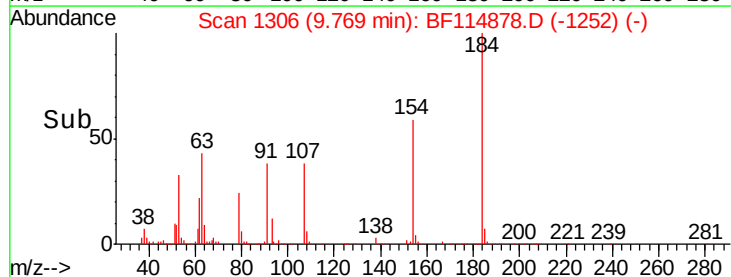
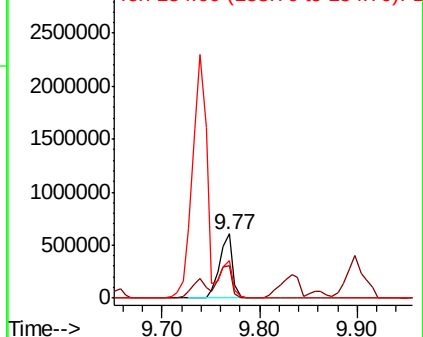


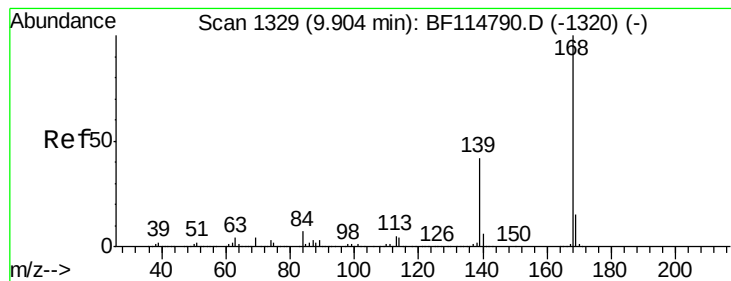
#54
2,4-Dinitrophenol
Concen: 79.607 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.02 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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



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





#55

Dibenzofuran

Concen: 42.142 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

Tot Ion:168 Resp: 3246122

Ion Ratio Lower Upper

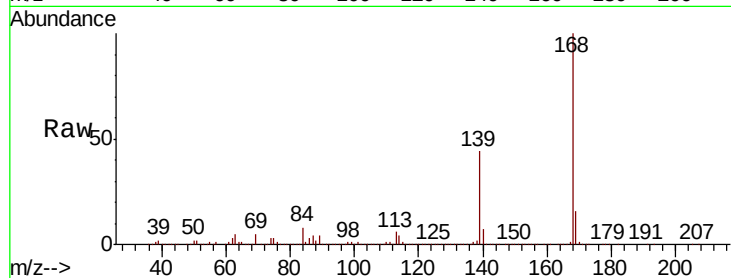
168 100

139 44.4 33.8 50.6

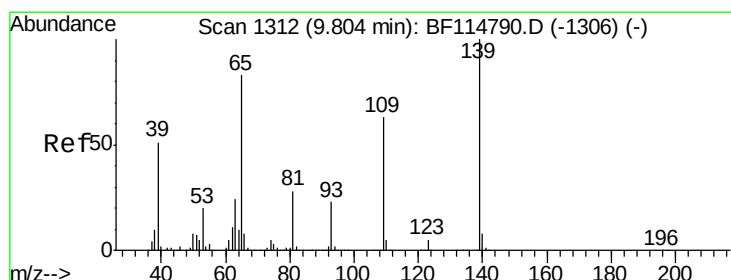
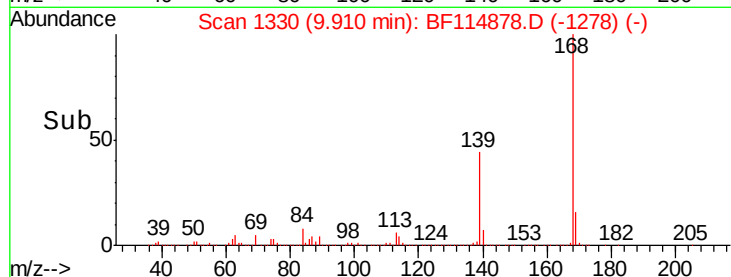
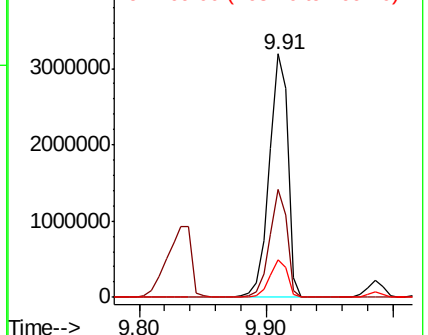
169 15.5 11.9 17.9

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6/7/2019 2:11:52 PM



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



#56

4-Nitrophenol

Concen: 92.532 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.04 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

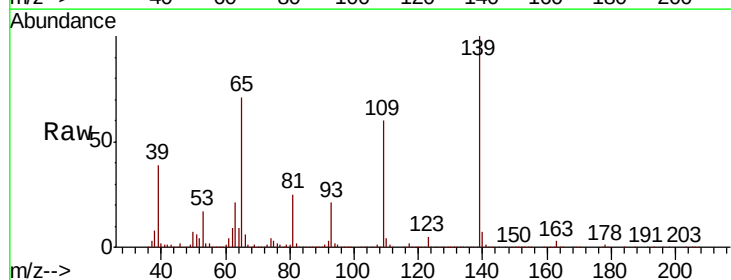
Tgt Ion:139 Resp: 1259729

Ion Ratio Lower Upper

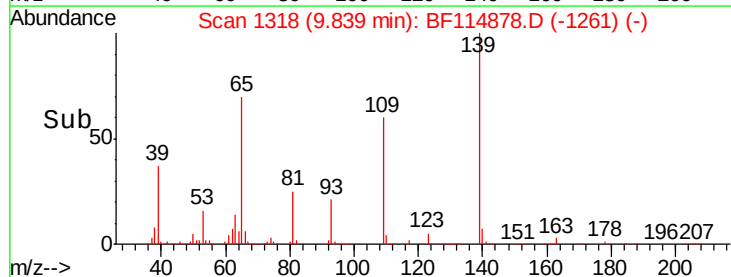
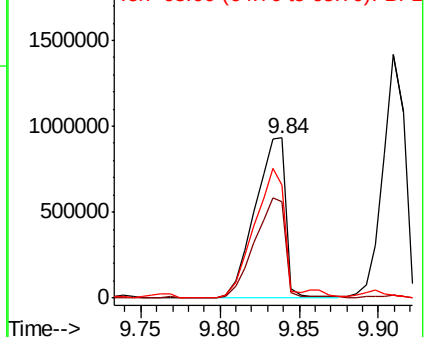
139 100

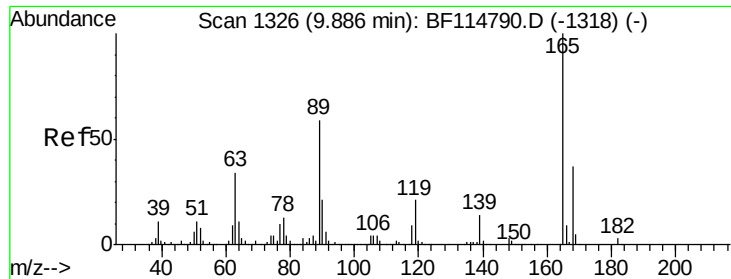
109 60.1 43.5 83.5

65 71.0 63.2 103.2



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





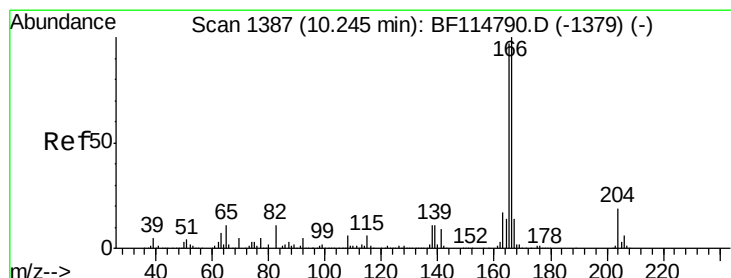
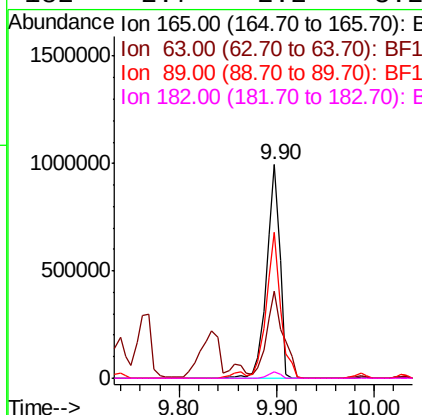
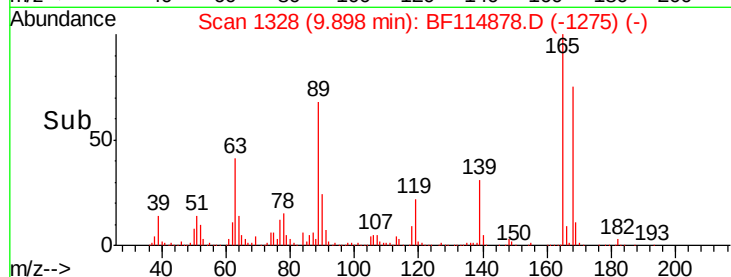
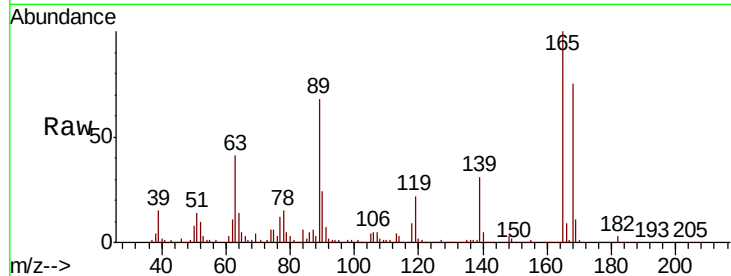
#57
2,4-Dinitrotoluene
Concen: 47.667 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	953029		
63	40.9	27.0	40.4#	
89	68.1	47.0	70.6	
182	2.7	2.2	3.2	

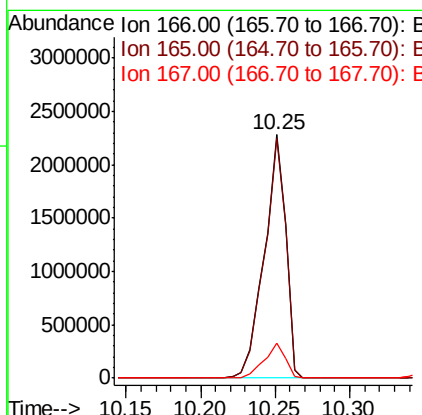
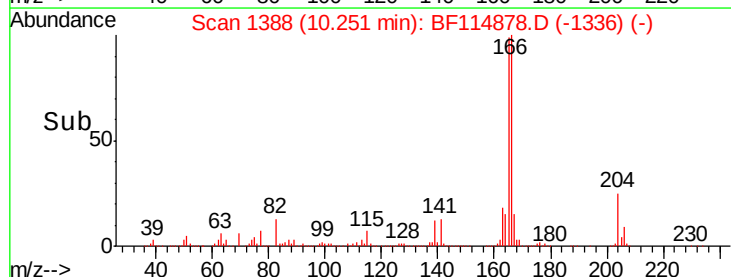
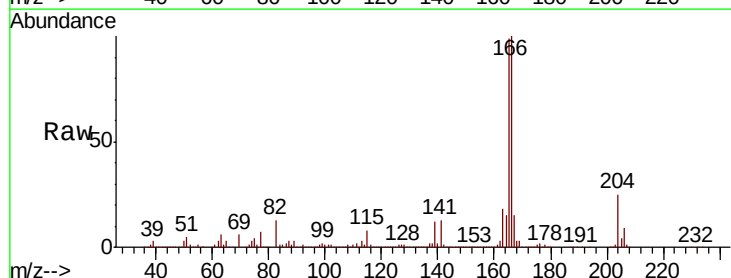
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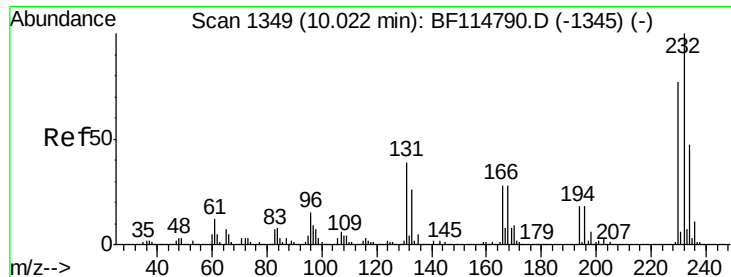
mohammad
6/7/2019 2:11:52 PM



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

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2242096		
165	98.7	77.9	116.9	
167	14.6	11.3	16.9	





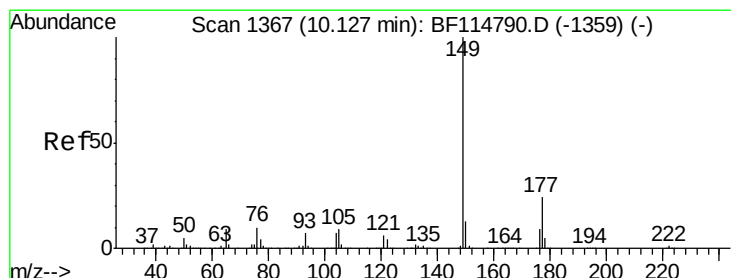
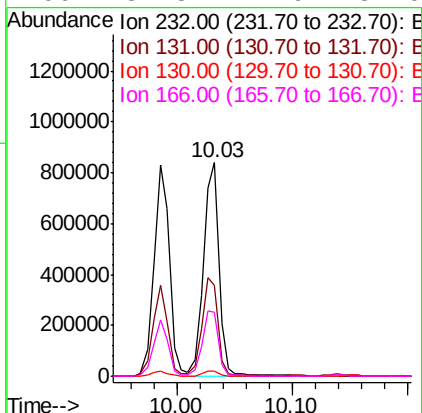
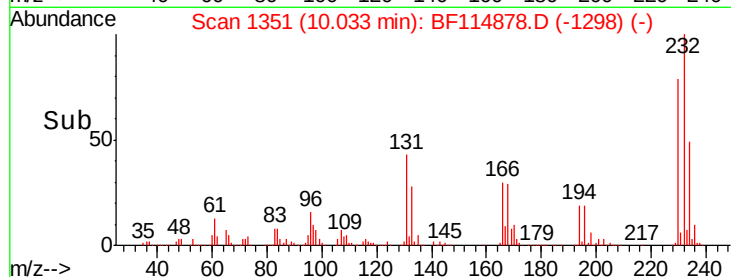
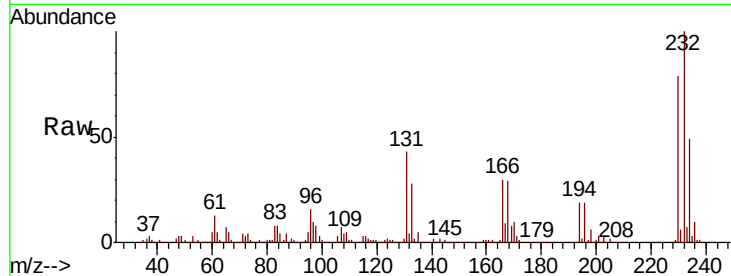
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.140 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

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

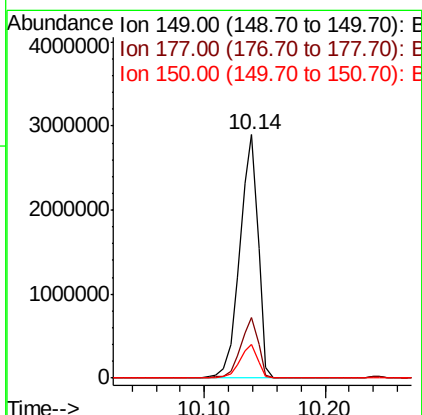
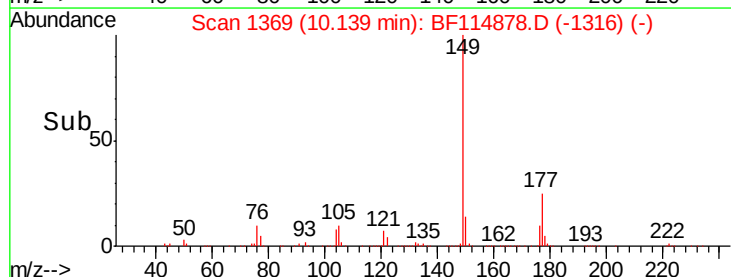
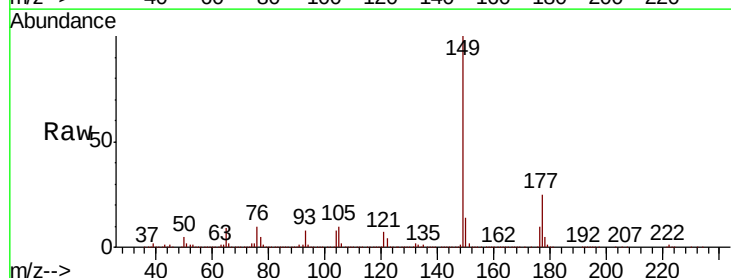
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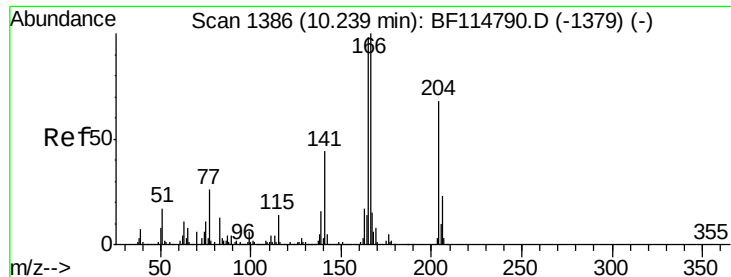
mohammad
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#60
Diethylphthalate
Concen: 45.148 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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





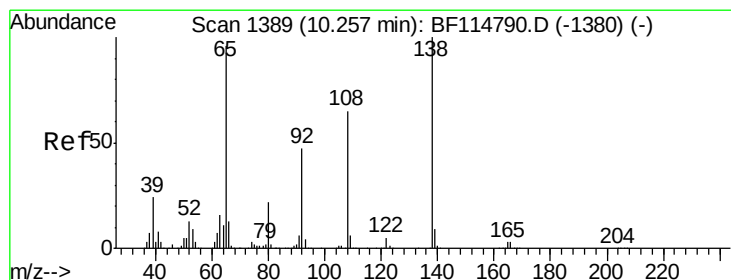
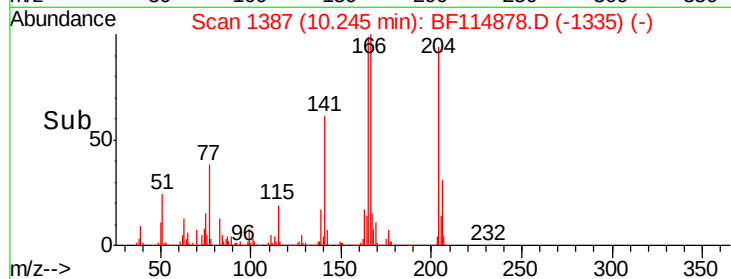
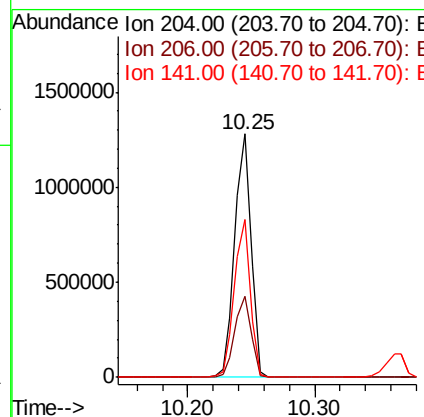
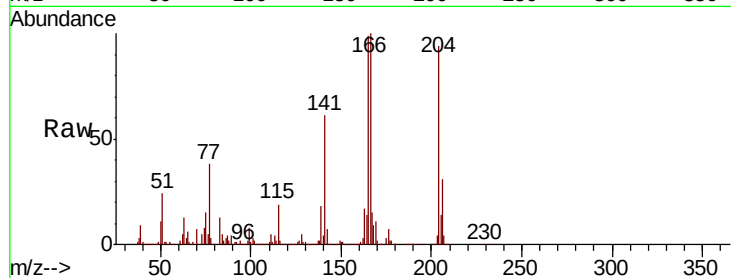
#61
4-Chlorophenyl-phenylether
Concen: 38.621 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

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

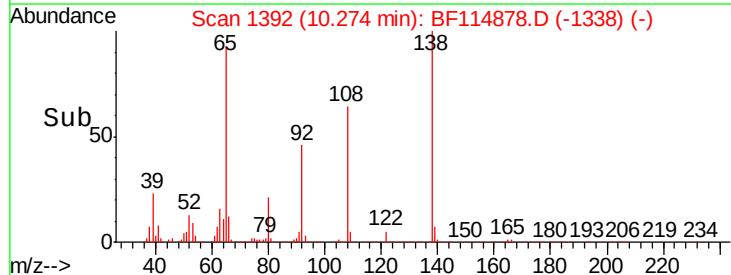
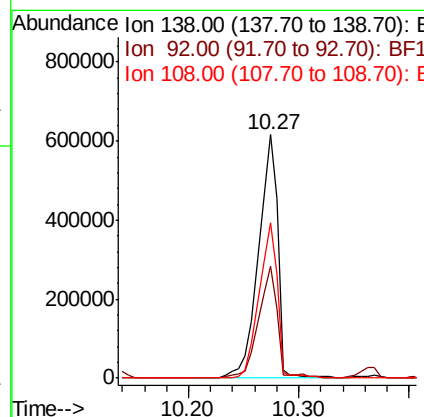
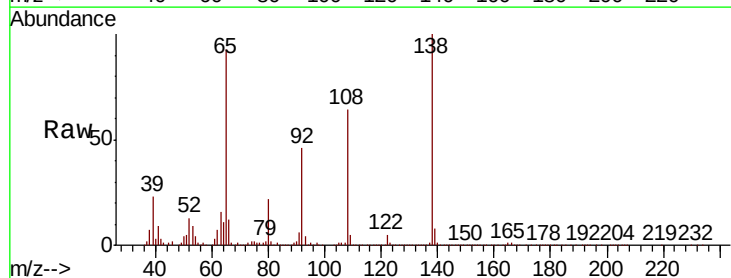
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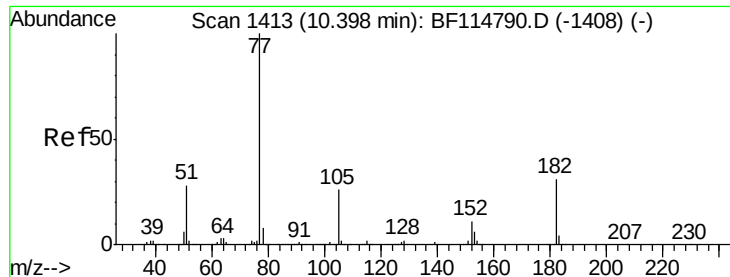
mohammad
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#62
4-Nitroaniline
Concen: 41.863 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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





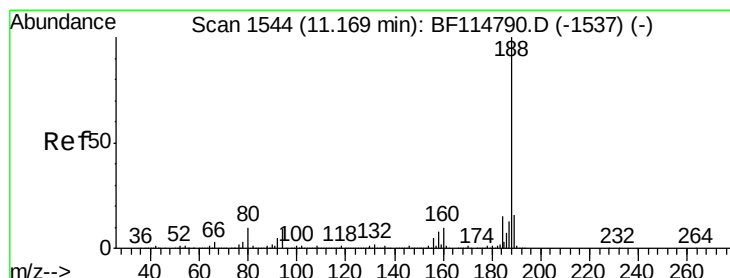
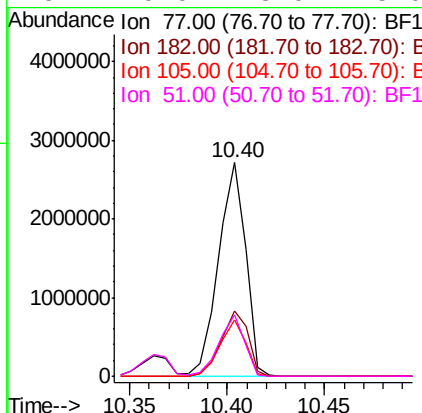
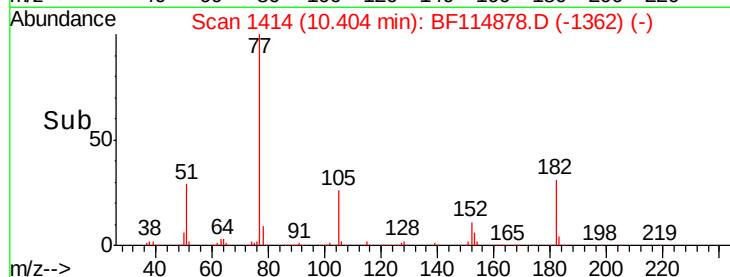
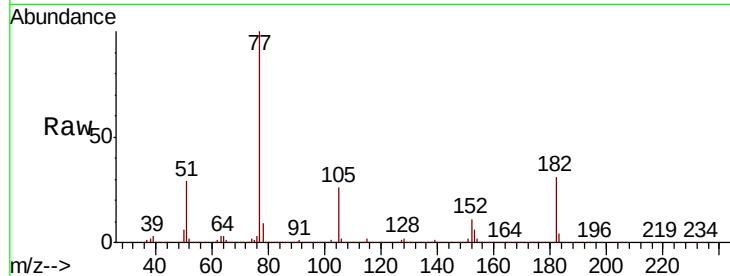
#63
Azobenzene
Concen: 45.107 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

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

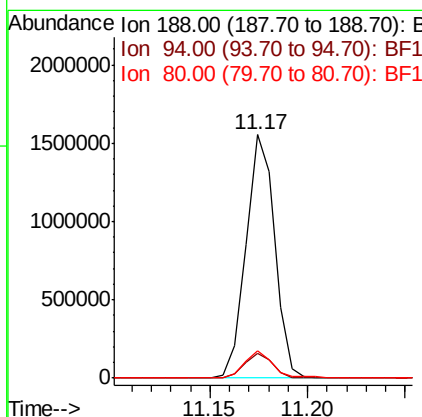
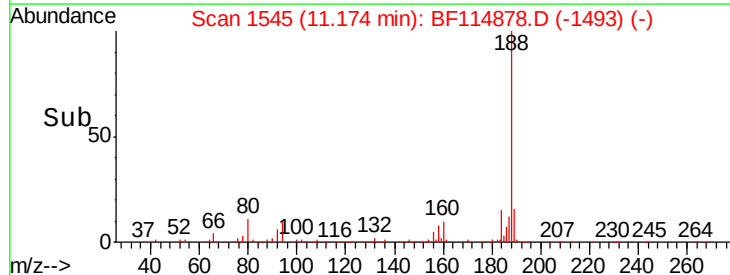
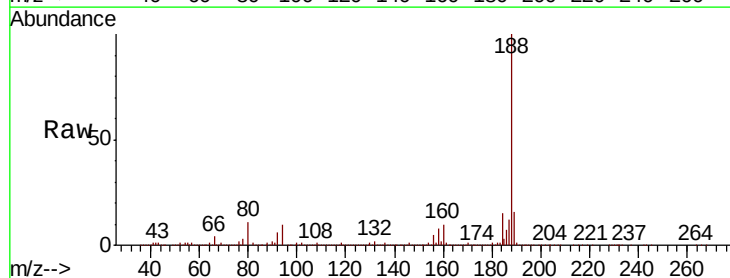
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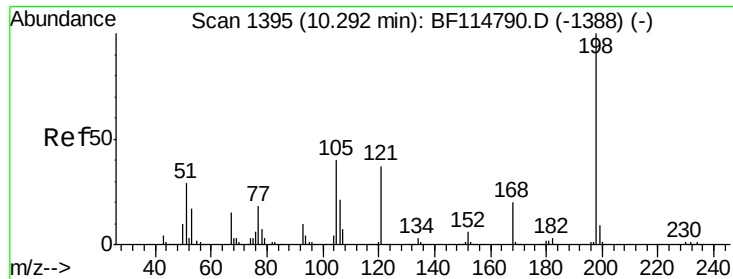
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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





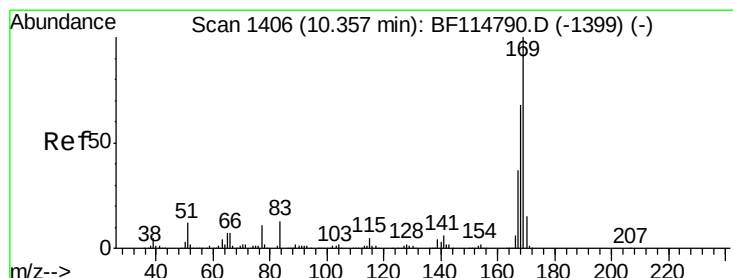
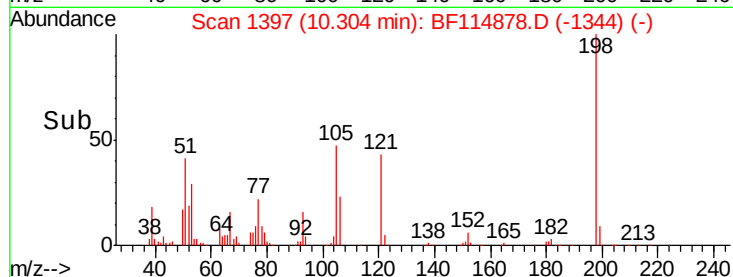
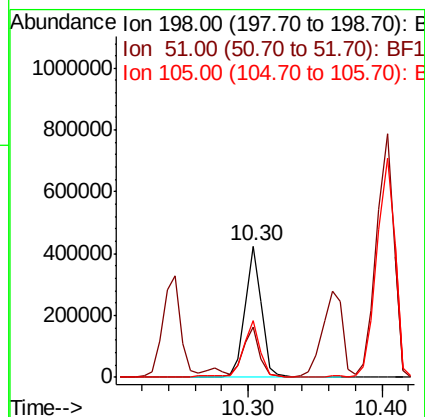
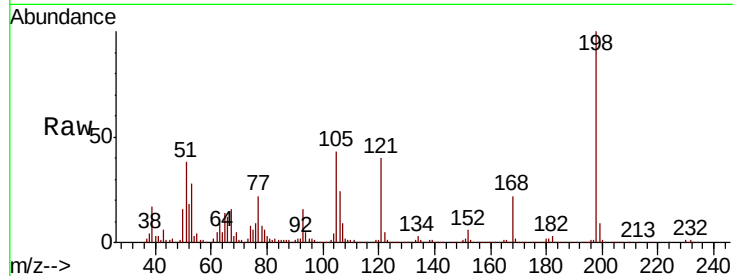
#65
4,6-Dinitro-2-methylphenol
Concen: 44.422 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

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

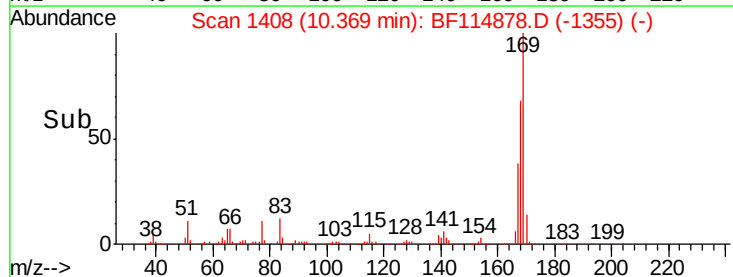
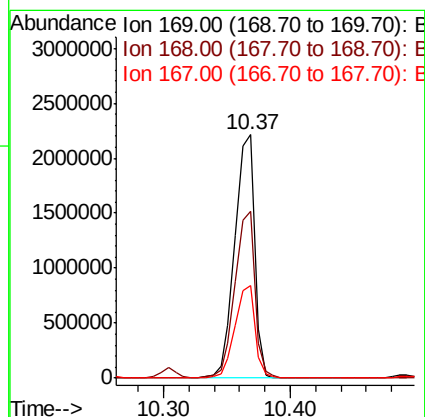
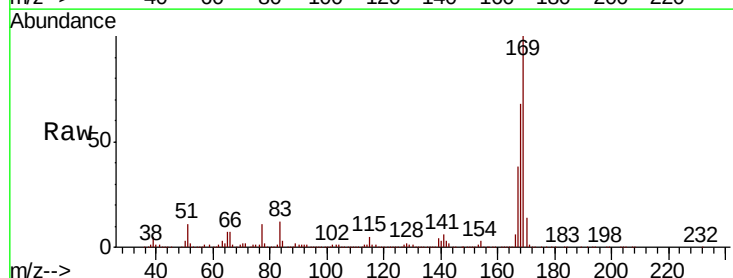
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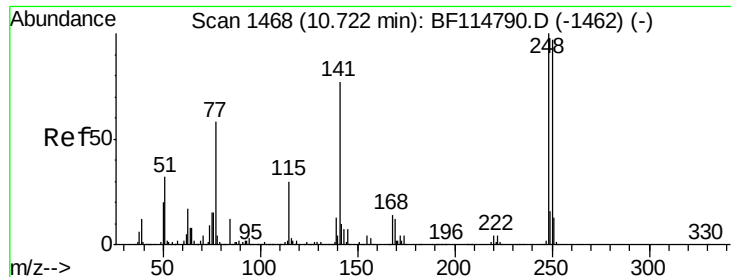
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 49.684 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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





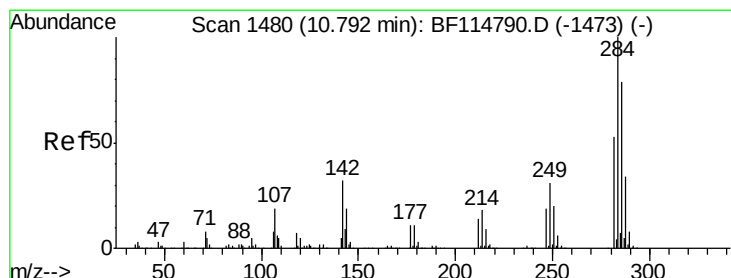
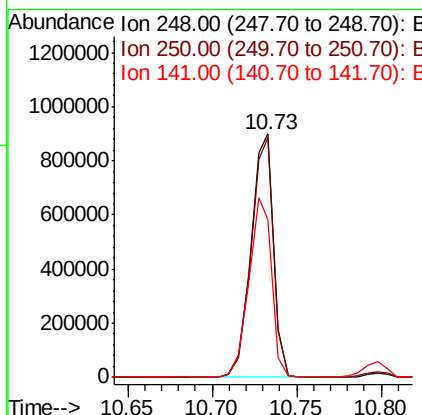
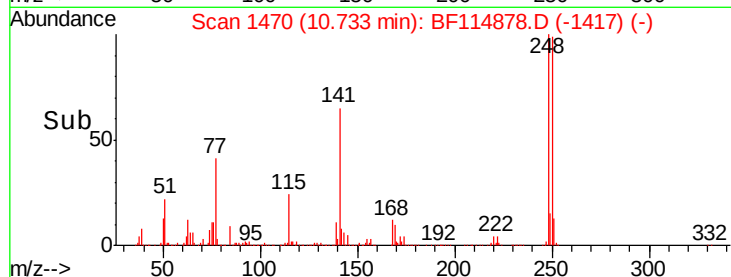
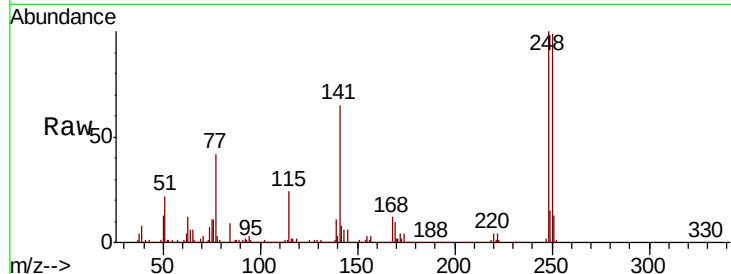
#67
 4-Bromophenyl-phenylether
 Concen: 46.822 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

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

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

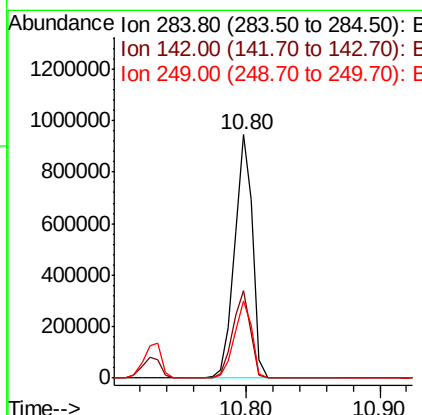
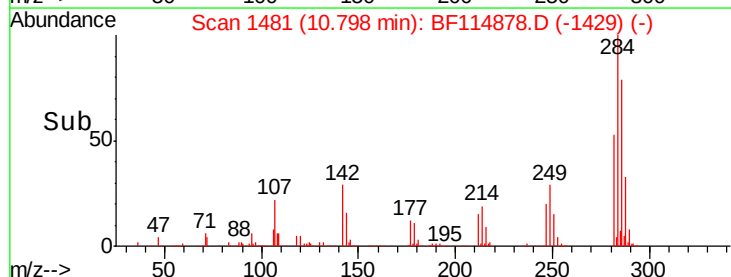
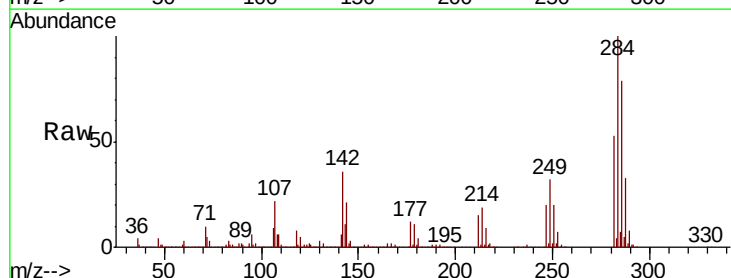
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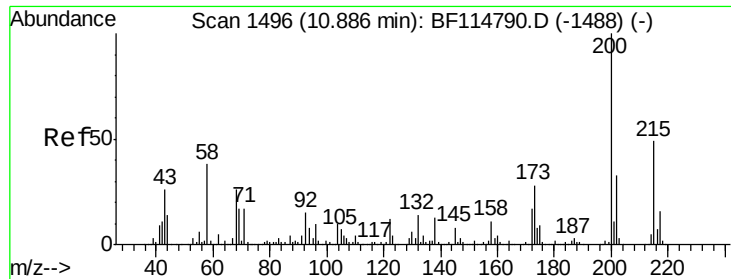
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#68
 Hexachlorobenzene
 Concen: 45.113 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

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





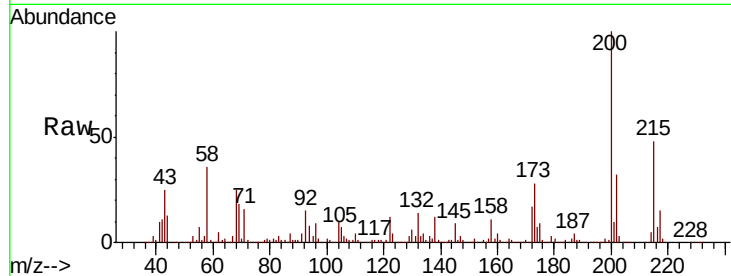
#69
 Atrazine
 Concen: 46.780 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

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

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

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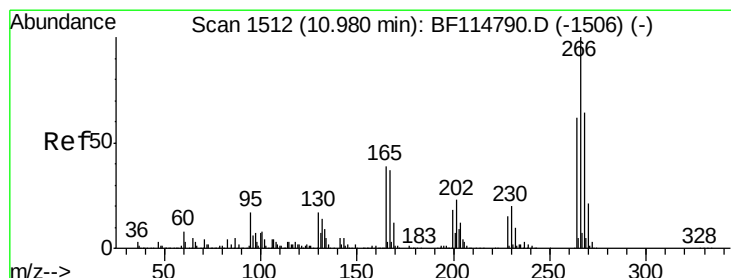
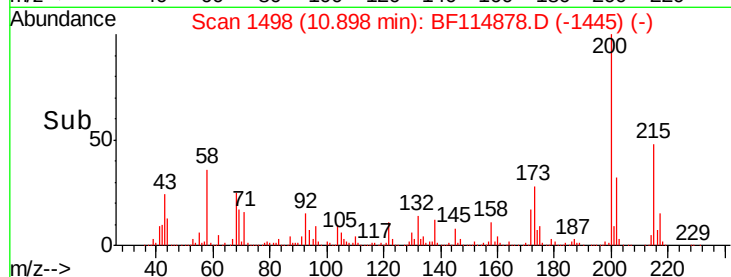
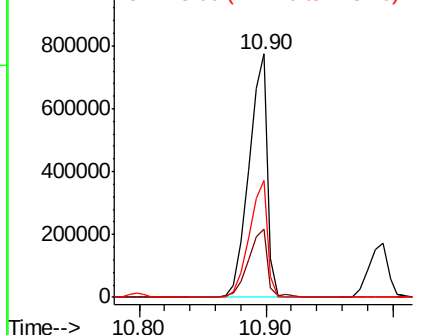


Abundance

Ion 200.00 (199.70 to 200.70): E

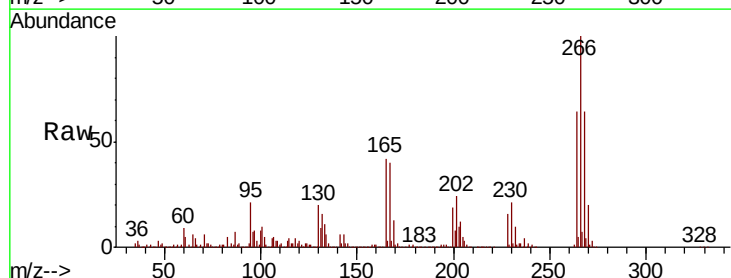
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



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

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

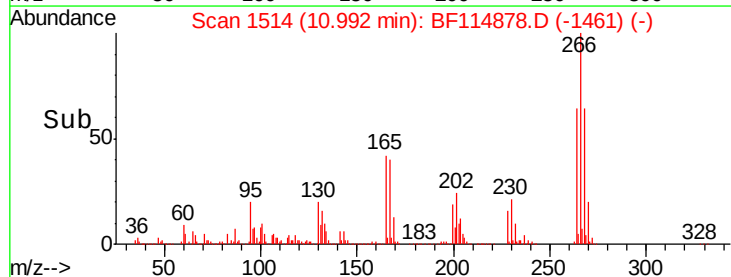
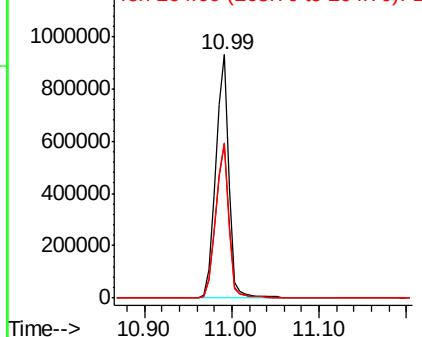


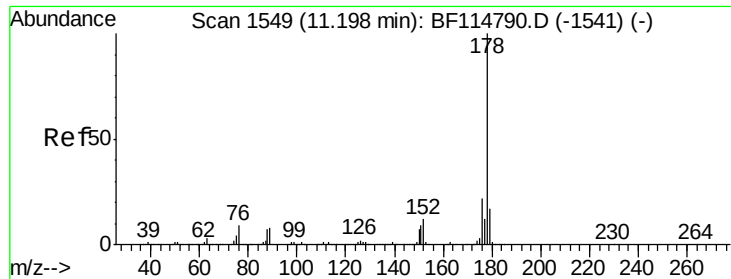
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





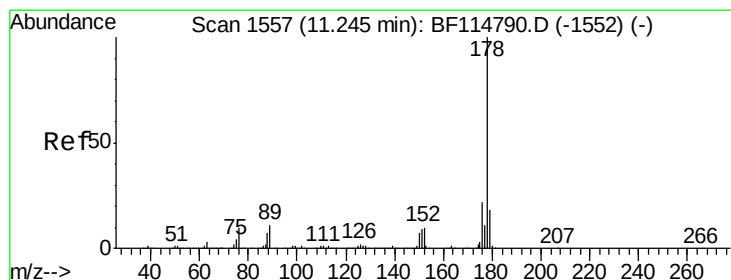
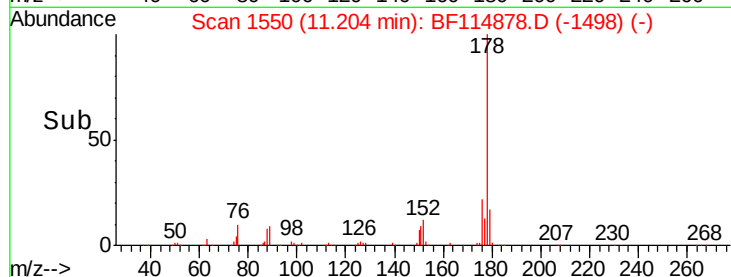
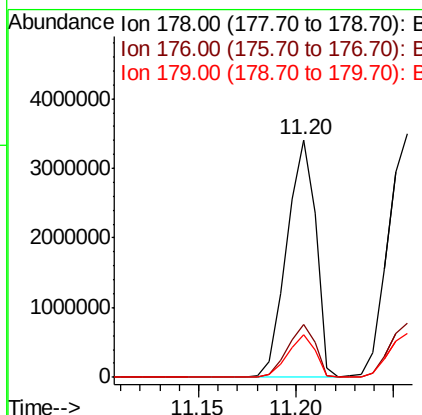
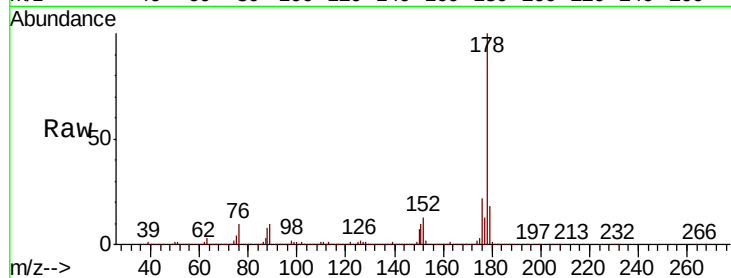
#71
Phenanthrene
Concen: 46.396 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

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

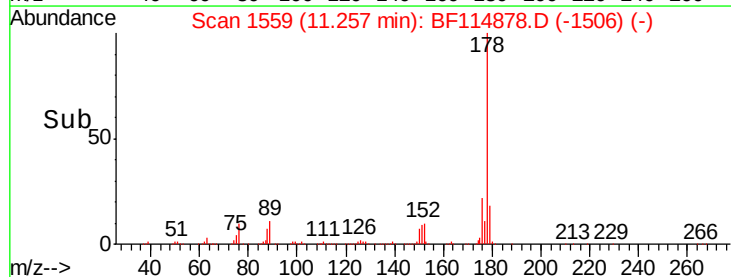
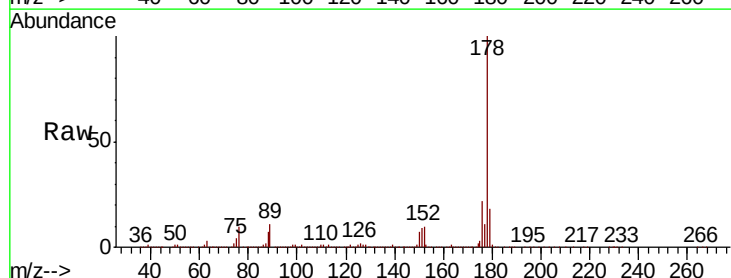
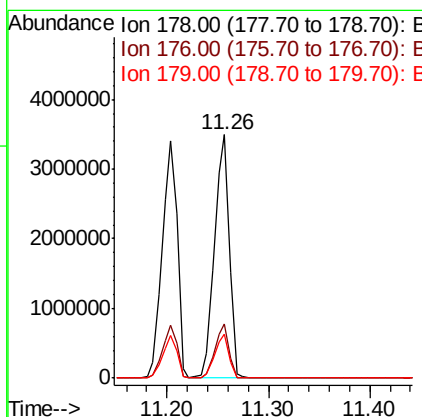
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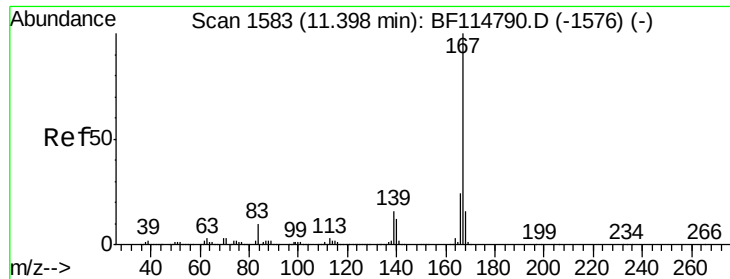
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#72
Anthracene
Concen: 44.638 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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





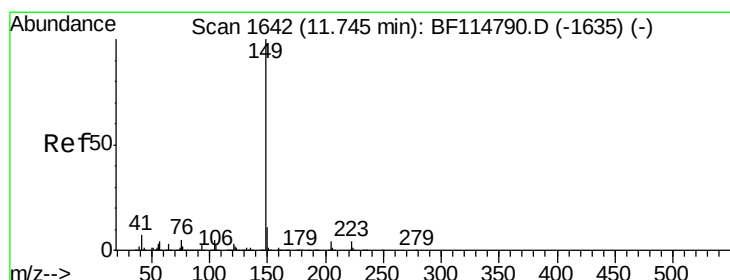
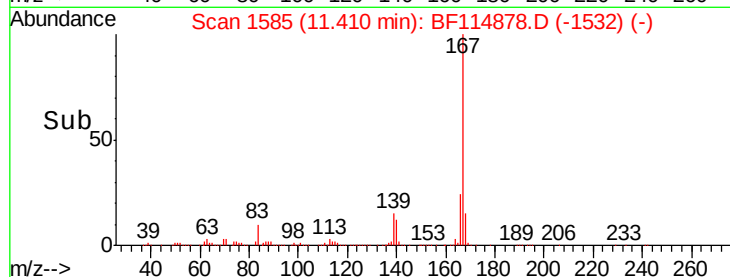
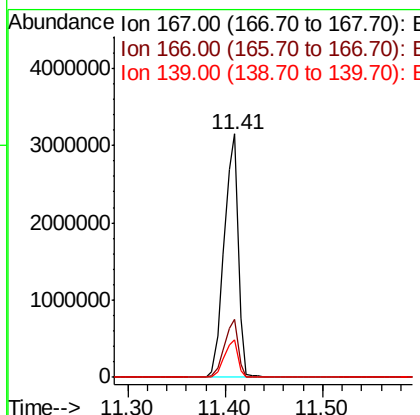
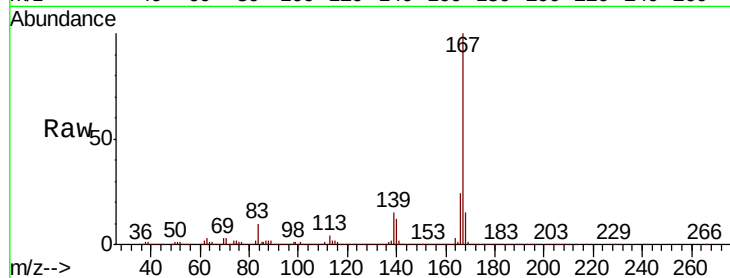
#73
 Carbazole
 Concen: 46.407 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF114878.D
 Acq: 6 Jun 2019 22:29

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

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

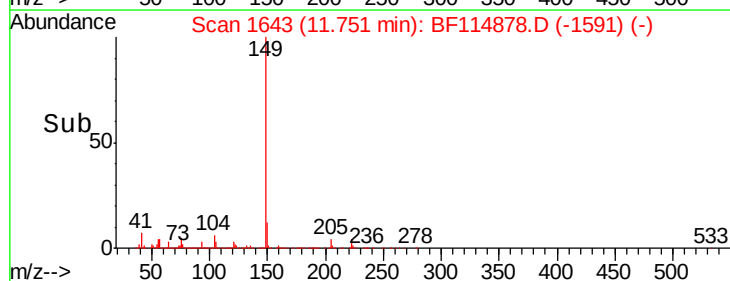
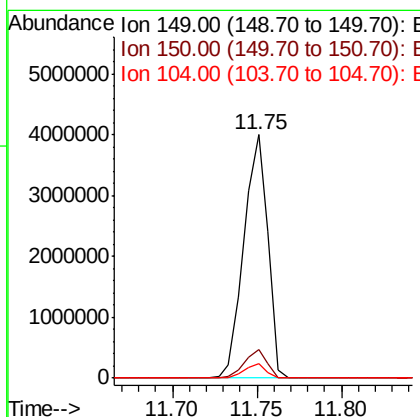
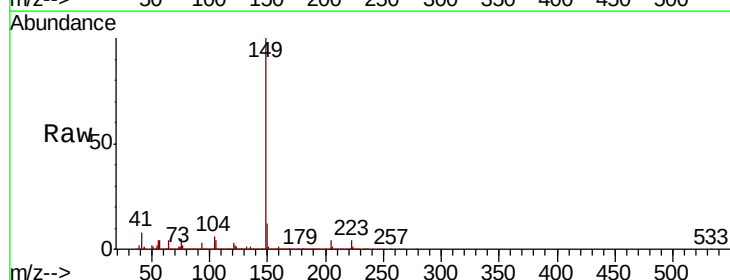
Manual Integrations
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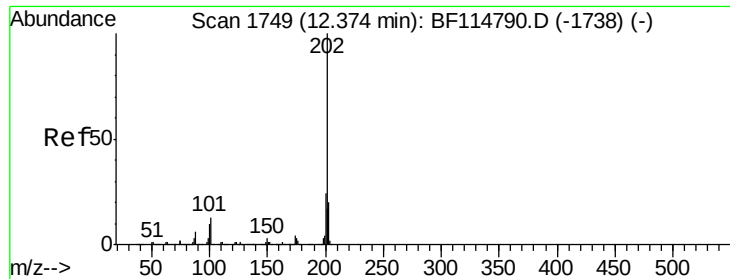
mohammad
 6/7/2019 2:11:52 PM



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

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





#75

Fluoranthene

Concen: 43.111 ng

RT: 12.38 min Scan# 1750

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

Tot Ion:202 Resp: 3389604

Ion Ratio Lower Upper

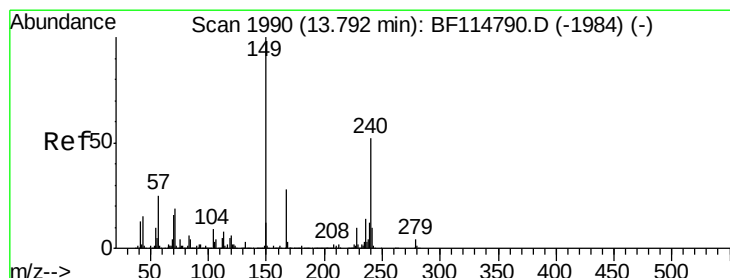
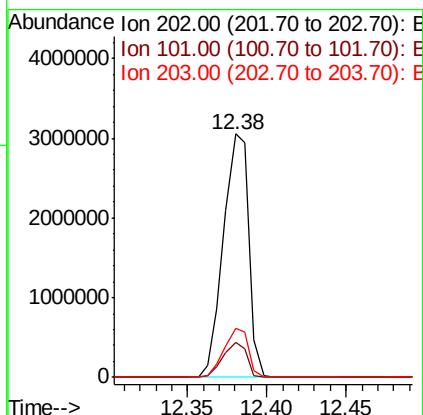
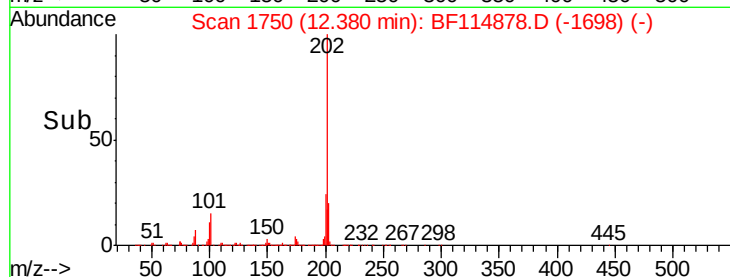
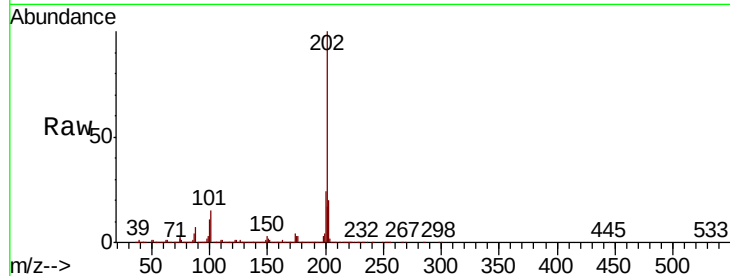
202 100

101 14.6 0.0 32.8

203 20.0 0.2 40.2

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

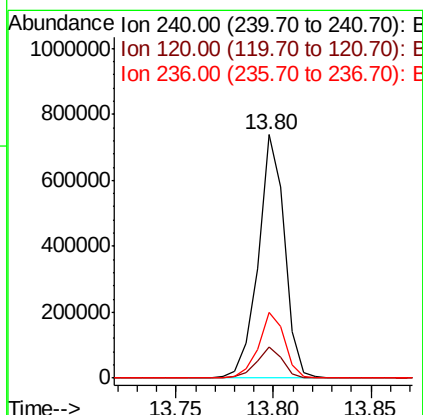
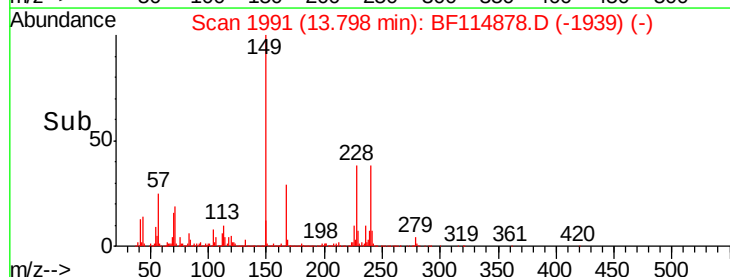
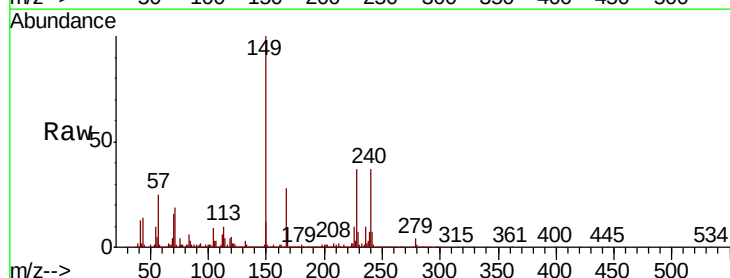
Tgt Ion:240 Resp: 682445

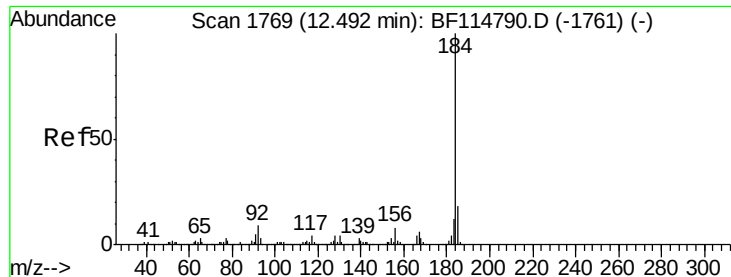
Ion Ratio Lower Upper

240 100

120 12.6 9.0 13.4

236 27.0 21.4 32.0





#77

Benzidine

Concen: 3.340 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

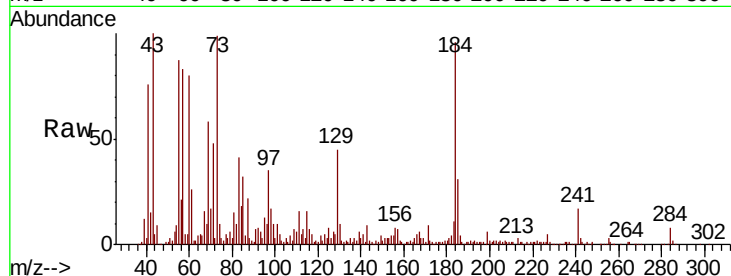
ClientSampleId :

FK-EF-01-011-ABCDMSD

Tot Ion:184	Resp:	112852
Ion Ratio	Lower	Upper
184	100	
185	32.7	14.1 21.1#
183	11.9	9.9 14.9

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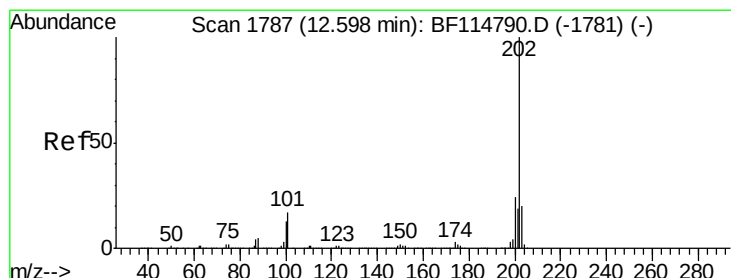
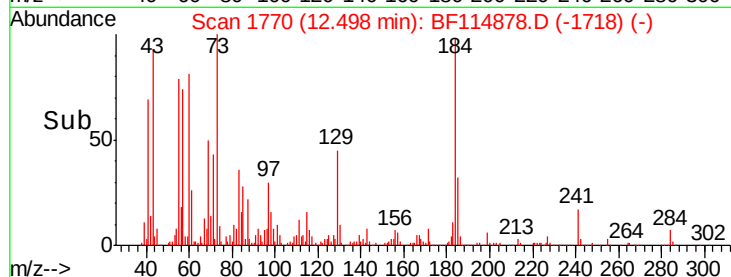
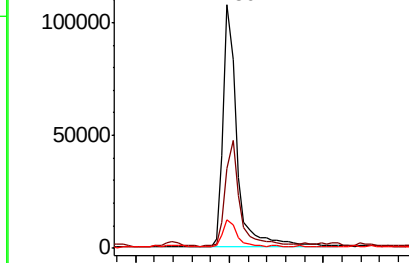
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.50



#78

Pyrene

Concen: 55.750 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Tgt Ion:202	Resp:	3300565
Ion Ratio	Lower	Upper
202	100	
200	24.5	19.2 28.8
203	19.7	15.9 23.9

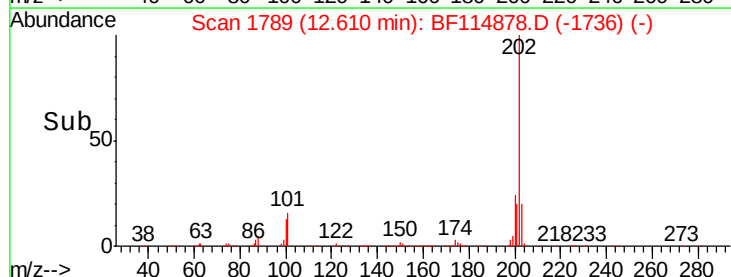
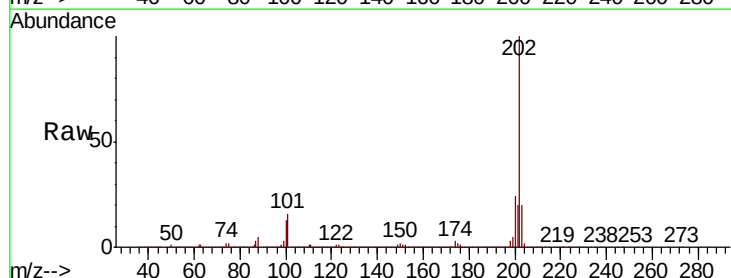
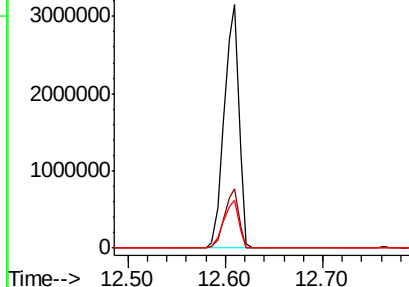
Abundance

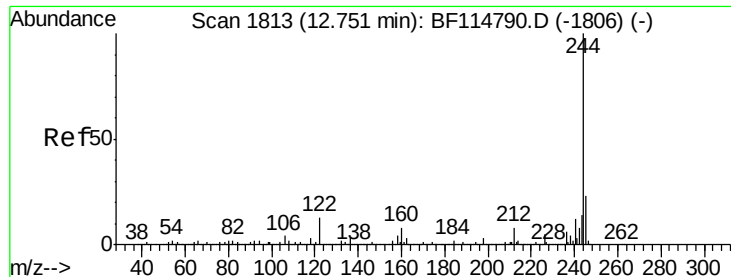
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.61





#79

Terphenyl-d14

Concen: 113.465 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

Tot Ion:244 Resp: 3981660

Ion Ratio Lower Upper

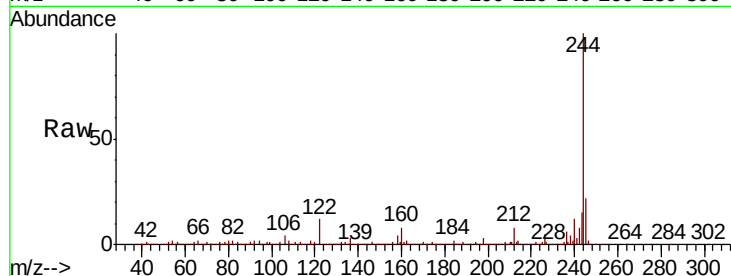
244 100

212 7.9 6.5 9.7

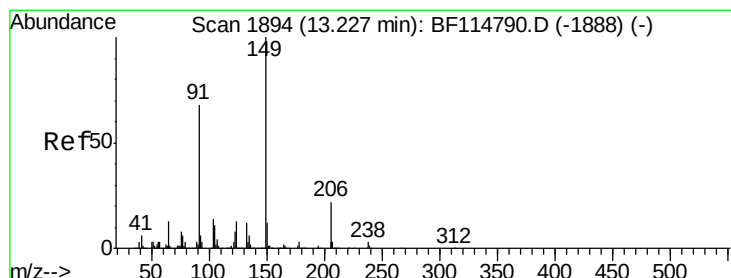
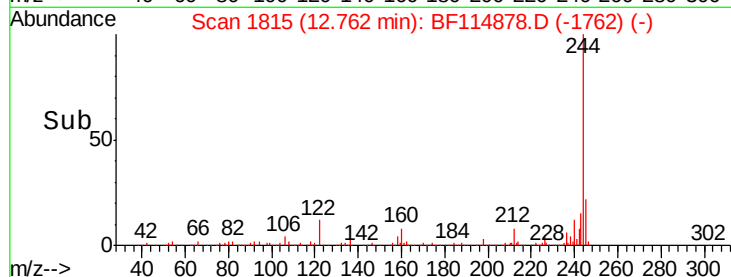
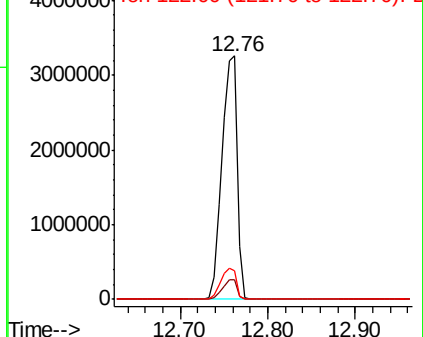
122 11.8 10.5 15.7

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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: 59.247 ng

RT: 13.23 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

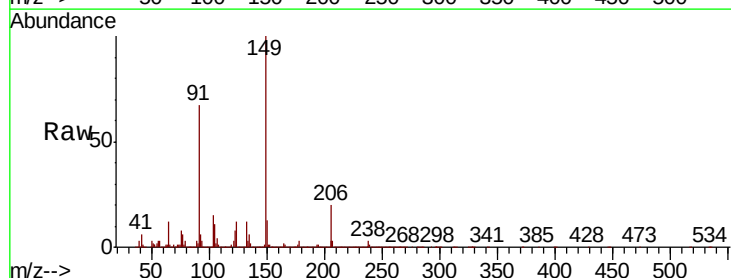
Tgt Ion:149 Resp: 1771241

Ion Ratio Lower Upper

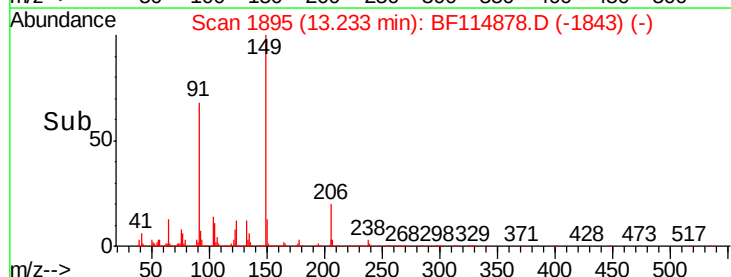
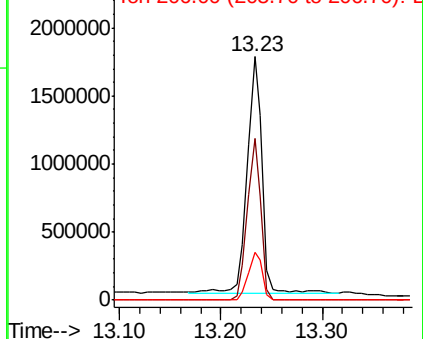
149 100

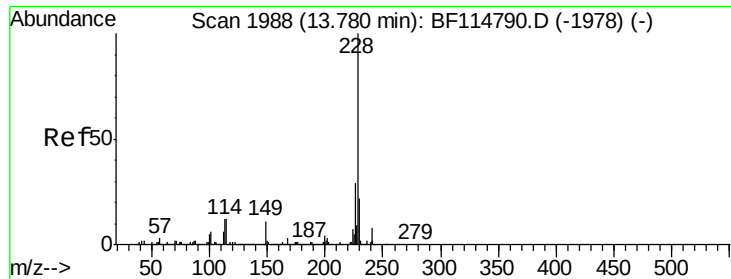
91 66.6 54.6 82.0

206 19.8 17.2 25.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.533 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

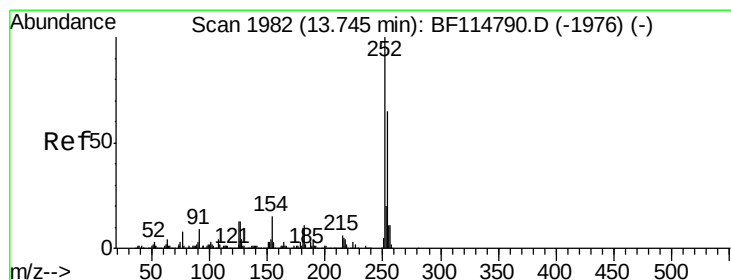
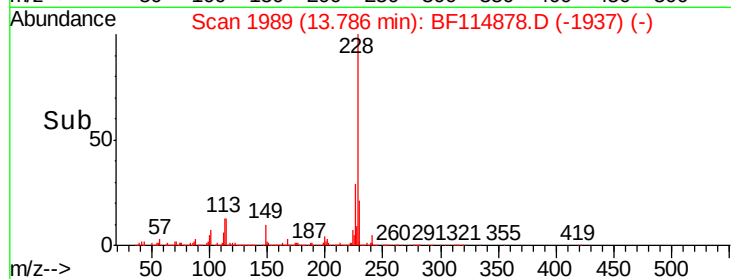
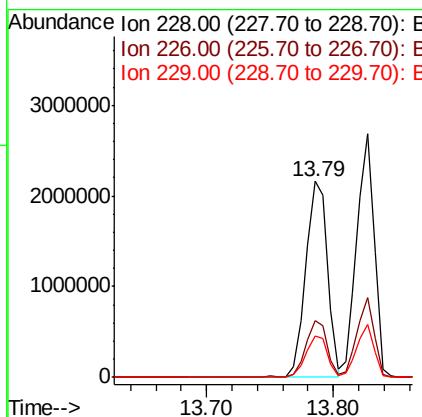
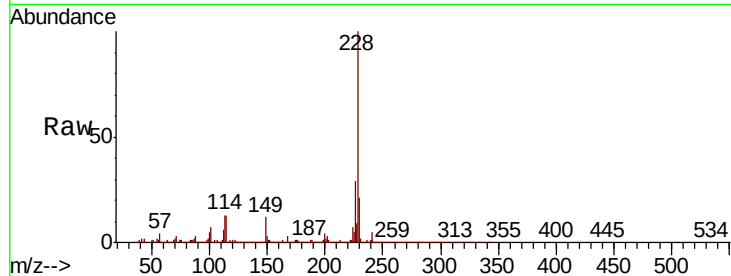
ClientSampleId :

FK-EF-01-011-ABCDMSD

Tot Ion:	228	Resp:	2552322
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	21.3	17.4	26.0

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 31.001 ng

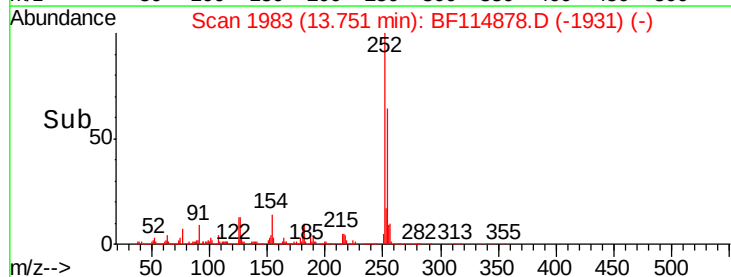
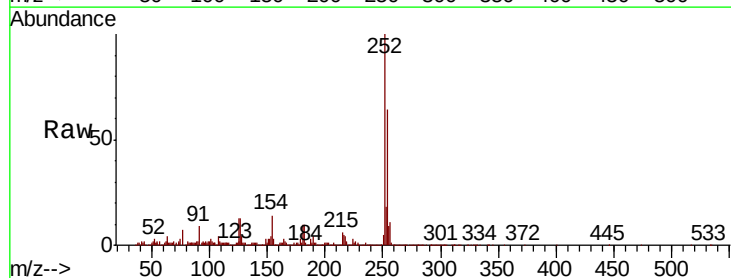
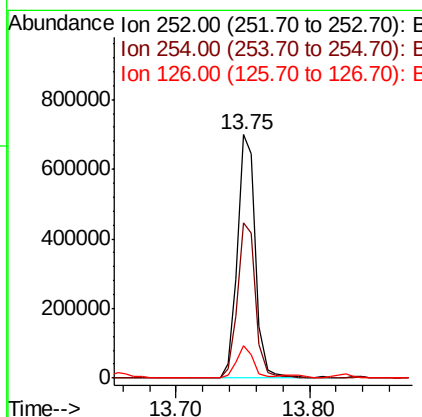
RT: 13.75 min Scan# 1983

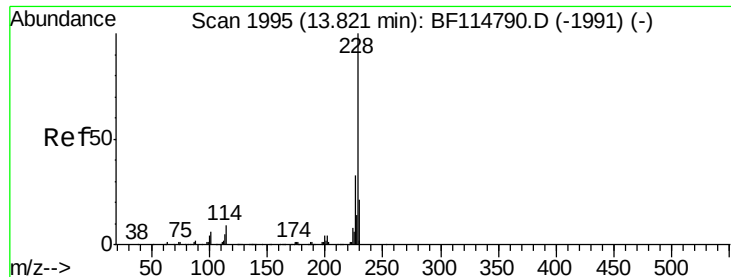
Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Tgt Ion:	252	Resp:	661084
Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.9	77.9
126	13.1	10.5	15.7





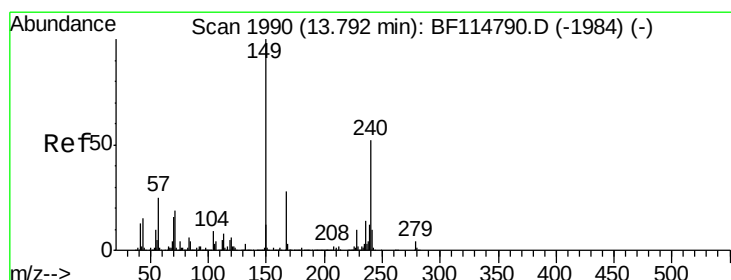
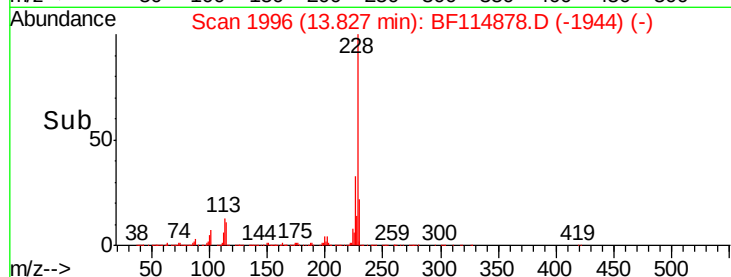
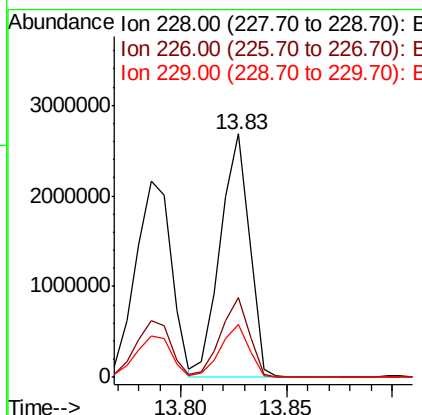
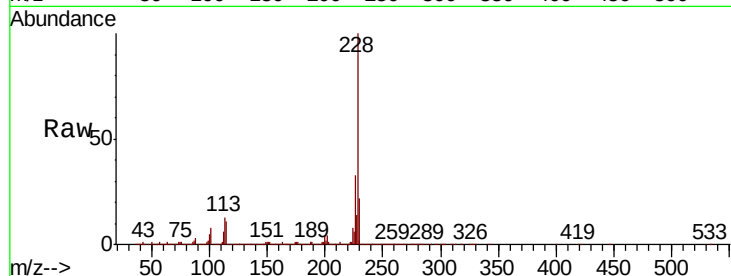
#83
Chrysene
Concen: 49.964 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

Tot Ion:228 Resp: 2556085
Ion Ratio Lower Upper
228 100
226 32.7 26.0 39.0
229 21.8 17.1 25.7

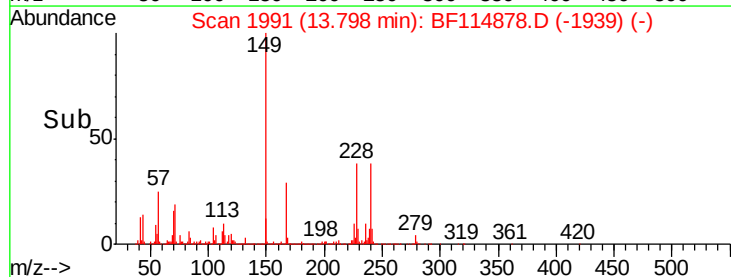
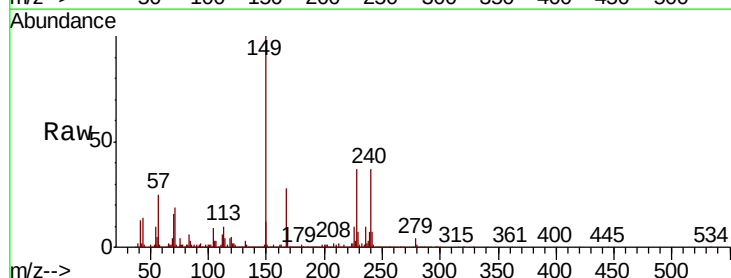
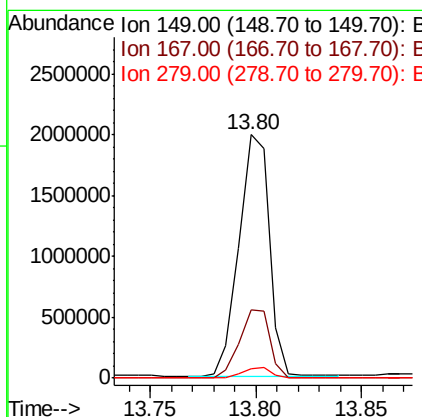
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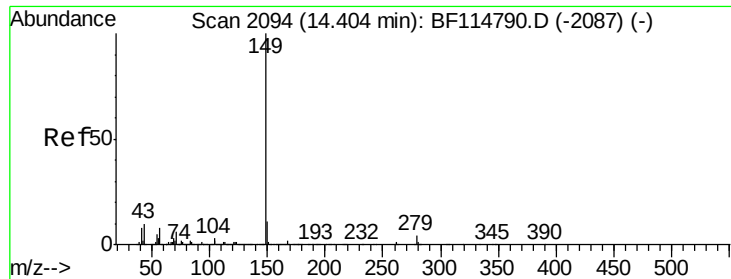
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#84
Bis(2-ethylhexyl)phthalate
Concen: 52.354 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion:149 Resp: 1979168
Ion Ratio Lower Upper
149 100
167 27.8 22.7 34.1
279 3.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 52.621 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-011-ABCDMSD

Tot Ion:149 Resp: 3380073

Ion Ratio Lower Upper

149 100

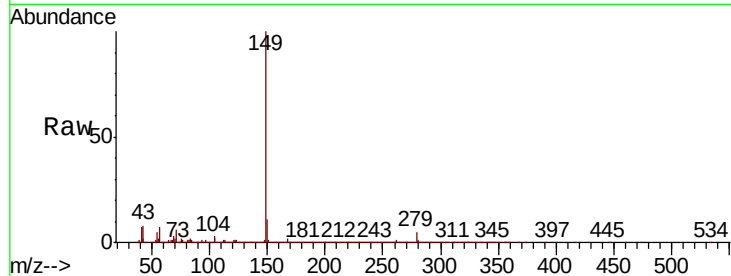
167 1.7 1.4 2.0

43 8.3 7.0 10.6

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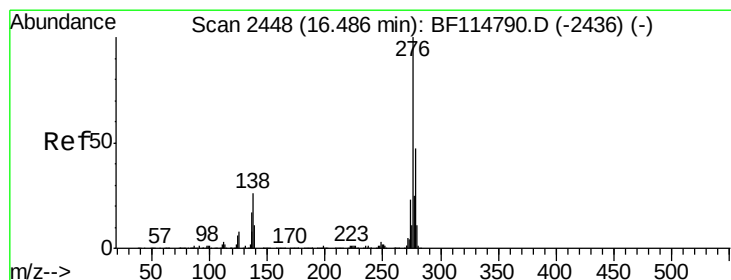
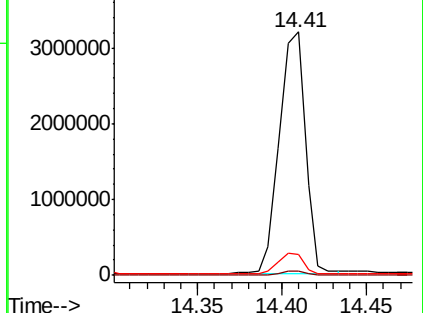
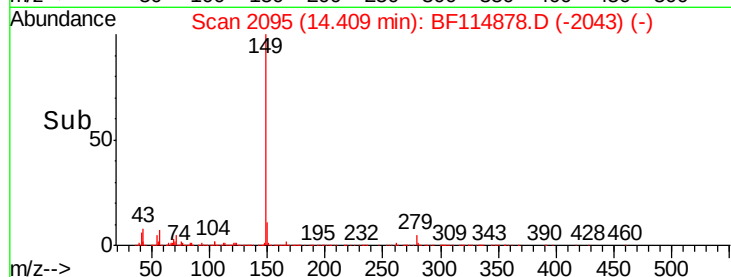
6/7/2019 2:11:52 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.188 ng

RT: 16.50 min Scan# 2451

Delta R.T. 0.02 min

Lab File: BF114878.D

Acq: 6 Jun 2019 22:29

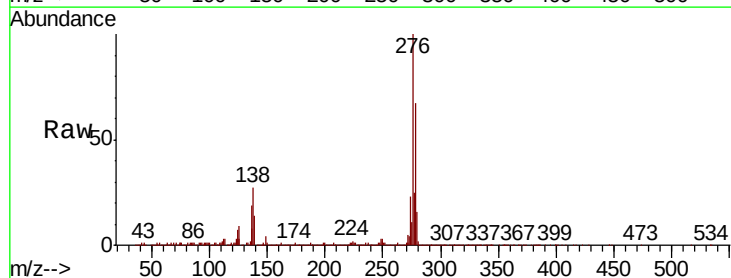
Tgt Ion:276 Resp: 2579349

Ion Ratio Lower Upper

276 100

138 28.3 22.2 33.4

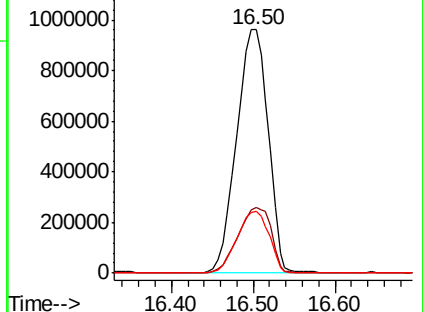
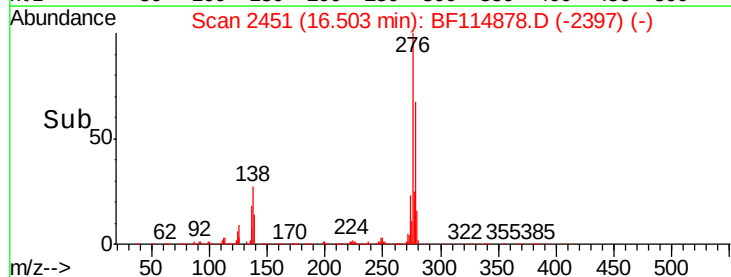
277 25.7 20.6 30.8

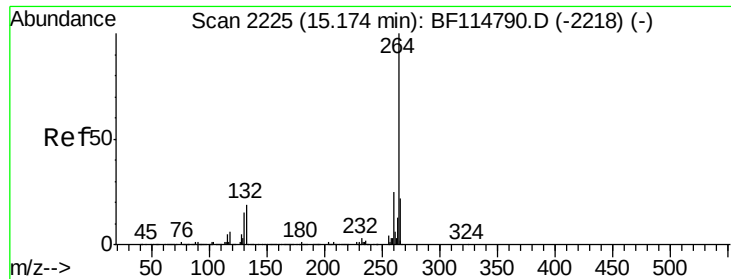


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





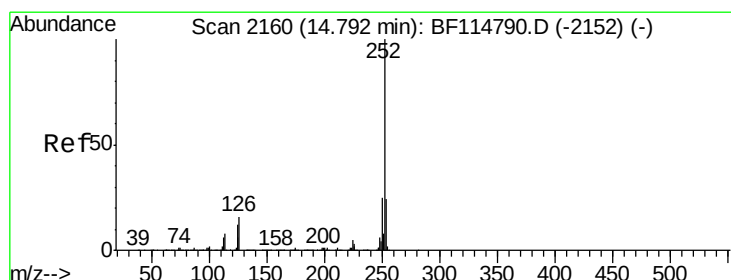
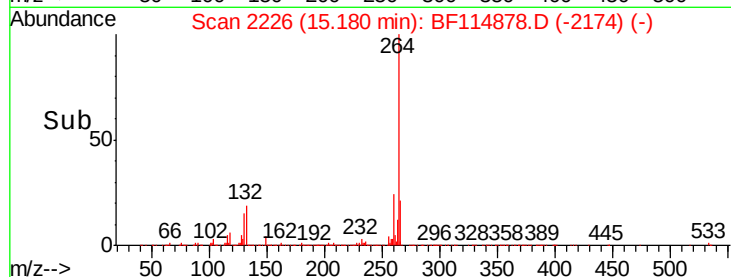
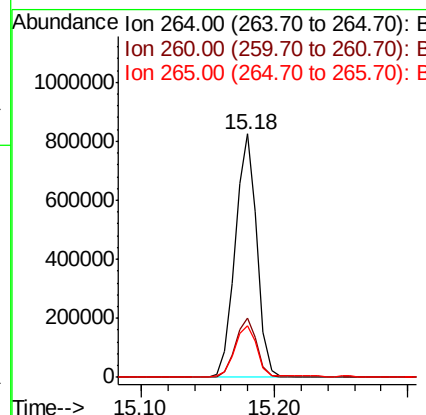
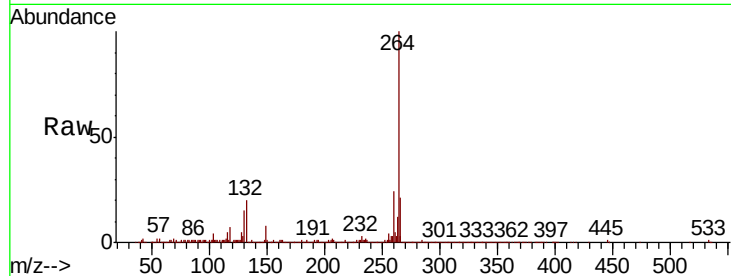
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	21.5	17.7	26.5

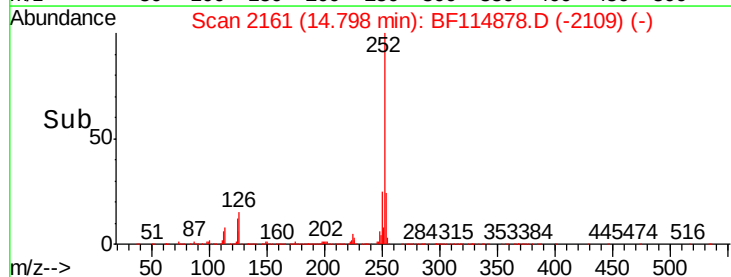
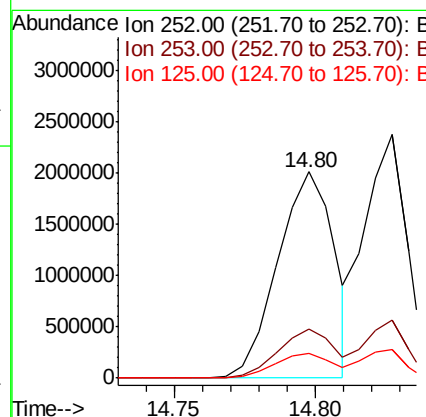
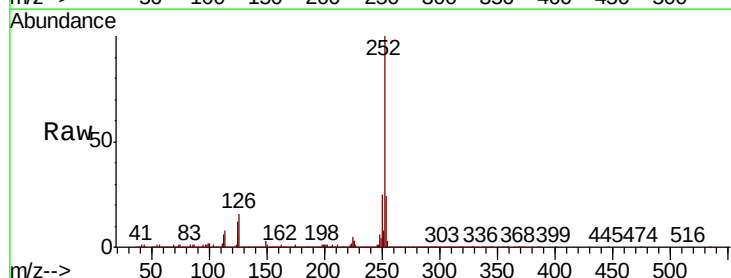
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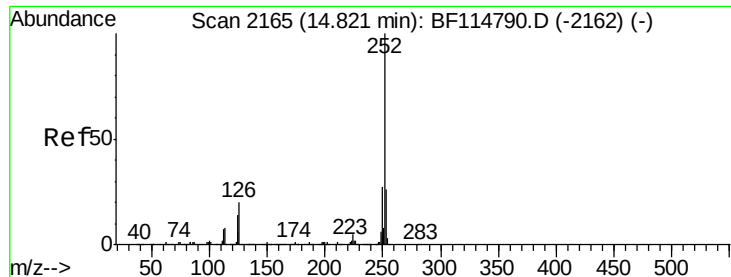
mohammad
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#88
Benzo(b)fluoranthene
Concen: 46.728 ng
RT: 14.80 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.0	28.6
125	12.2	9.4	14.0





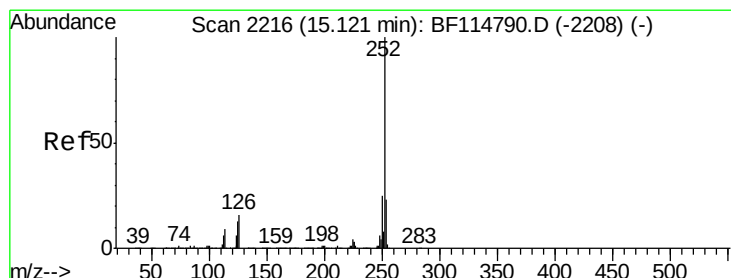
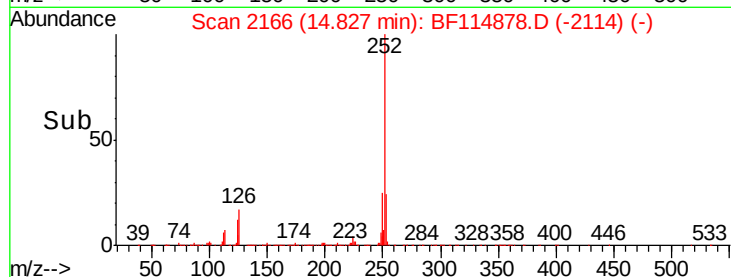
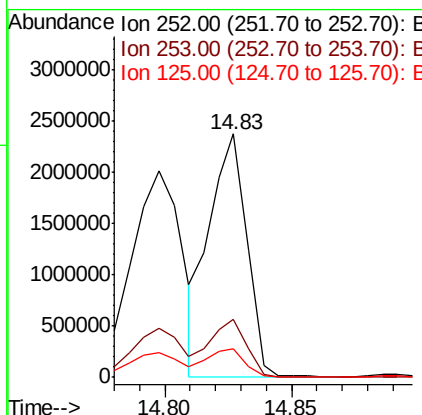
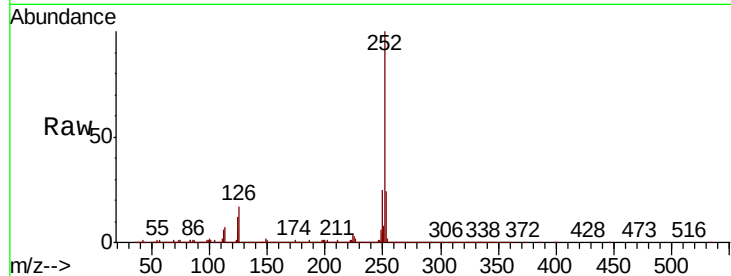
#89
Benzo(k)fluoranthene
Concen: 48.179 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

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

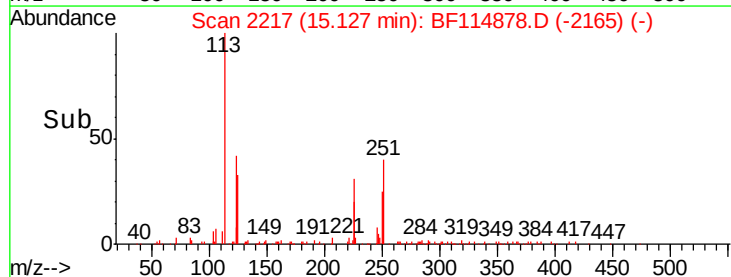
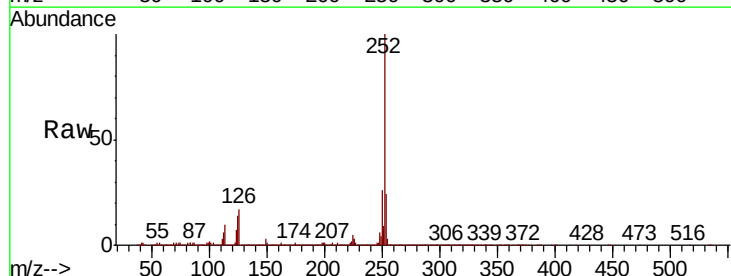
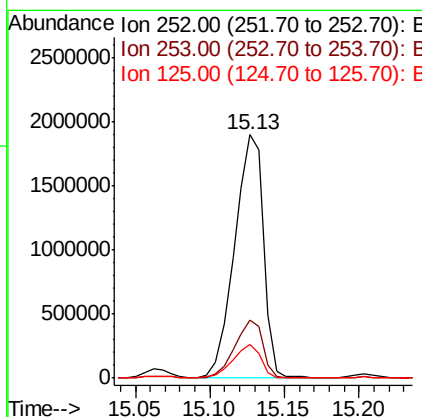
Manual Integrations
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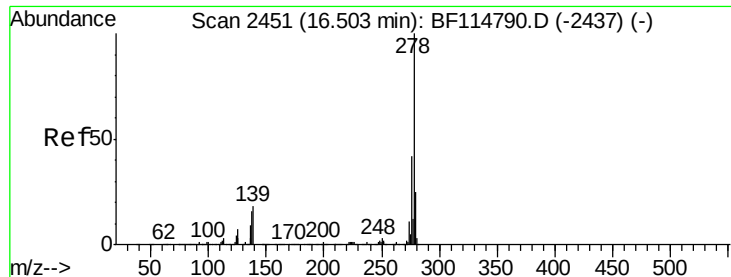
mohammad
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#90
Benzo(a)pyrene
Concen: 49.535 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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





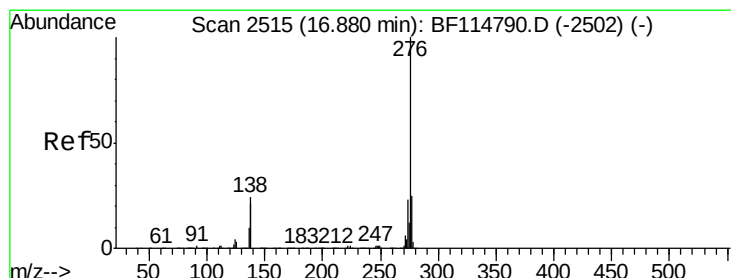
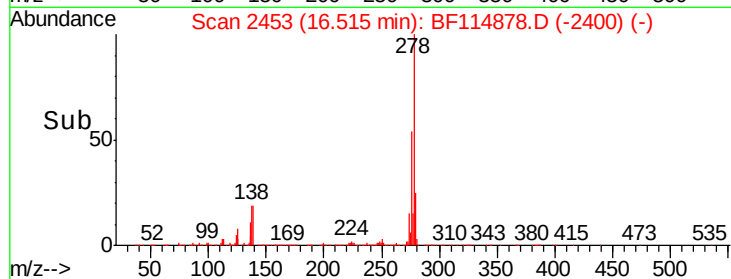
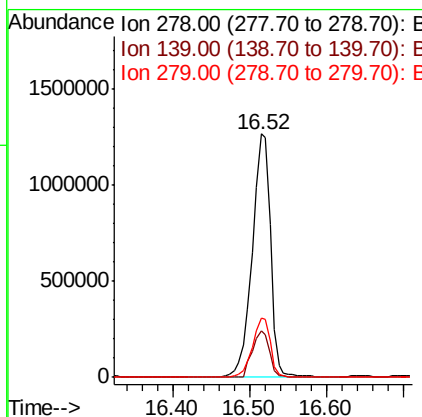
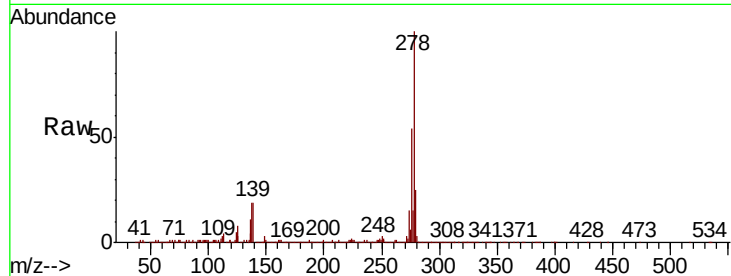
#91
Dibenzo(a,h)anthracene
Concen: 43.297 ng
RT: 16.52 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

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

Manual Integrations
APPROVED

mohammad
6/7/2019 2:11:52 PM



#92
Benzo(g,h,i)perylene
Concen: 41.668 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.02 min
Lab File: BF114878.D
Acq: 6 Jun 2019 22:29

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

