

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119556.D
 Acq On : 27 Mar 2020 9:09
 Operator : CG/JU
 Sample : L2037-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Quant Time: Mar 27 10:28:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	298418	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1177640	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	640700	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1218050	20.00	ng	0.00
76) Chrysene-d12	14.02	240	817853	20.00	ng	0.00
87) Perylene-d12	15.47	264	743040	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	2245275	119.77	ng	0.02
7) Phenol-d6	6.47	99	2966408	123.88	ng	0.00
23) Nitrobenzene-d5	7.40	82	1874075	86.49	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	900948	136.30	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3516720	81.32	ng	0.00
79) Terphenyl-d14	12.96	244	3903182	93.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	324483	35.047	ng	98
3) Pyridine	3.39	79	907517	35.580	ng	96
4) n-Nitrosodimethylamine	3.34	42	521287	41.909	ng	99
6) Aniline	6.50	93	1189111	35.979	ng	98
8) 2-Chlorophenol	6.62	128	1009566	51.277	ng	98
9) Benzaldehyde	6.38	77	615815	40.538	ng	96
10) Phenol	6.48	94	1283792	50.243	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	967289	47.333	ng	98
12) 1,3-Dichlorobenzene	6.77	146	987781	46.355	ng	95
13) 1,4-Dichlorobenzene	6.85	146	1008593	47.320	ng	97
14) 1,2-Dichlorobenzene	7.01	146	944619	47.415	ng	98
15) Benzyl Alcohol	6.98	79	866000	48.076	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1810181	43.914	ng	99
17) 2-Methylphenol	7.09	107	828556	45.931	ng	99
18) Hexachloroethane	7.35	117	386039	49.422	ng	100
19) n-Nitroso-di-n-propylamine	7.26	70	718087	49.750	ng	100
20) 3+4-Methylphenols	7.25	107	992959	44.914	ng	# 84
22) Acetophenone	7.25	105	1323093	47.019	ng	97
24) Nitrobenzene	7.42	77	1053191	45.481	ng	100
25) Isophorone	7.66	82	2029390	46.169	ng	99
26) 2-Nitrophenol	7.74	139	549990	60.321	ng	89
27) 2,4-Dimethylphenol	7.77	122	891827	47.303	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	1261438	48.531	ng	100
29) 2,4-Dichlorophenol	7.98	162	847567	48.927	ng	96
30) 1,2,4-Trichlorobenzene	8.06	180	905755	47.279	ng	99
31) Naphthalene	8.15	128	2834837	46.777	ng	100
32) Benzoic acid	7.92	122	722645	59.587	ng	96
33) 4-Chloroaniline	8.19	127	519495	18.708	ng	99
34) Hexachlorobutadiene	8.26	225	524434	48.926	ng	98
35) Caprolactam	8.63	113	95168	16.786	ng	92
36) 4-Chloro-3-methylphenol	8.67	107	946515	49.992	ng	97
37) 2-Methylnaphthalene	8.84	142	1984436	49.894	ng	98
38) 1-Methylnaphthalene	8.94	142	1858896	49.379	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	845156	45.004	ng	99

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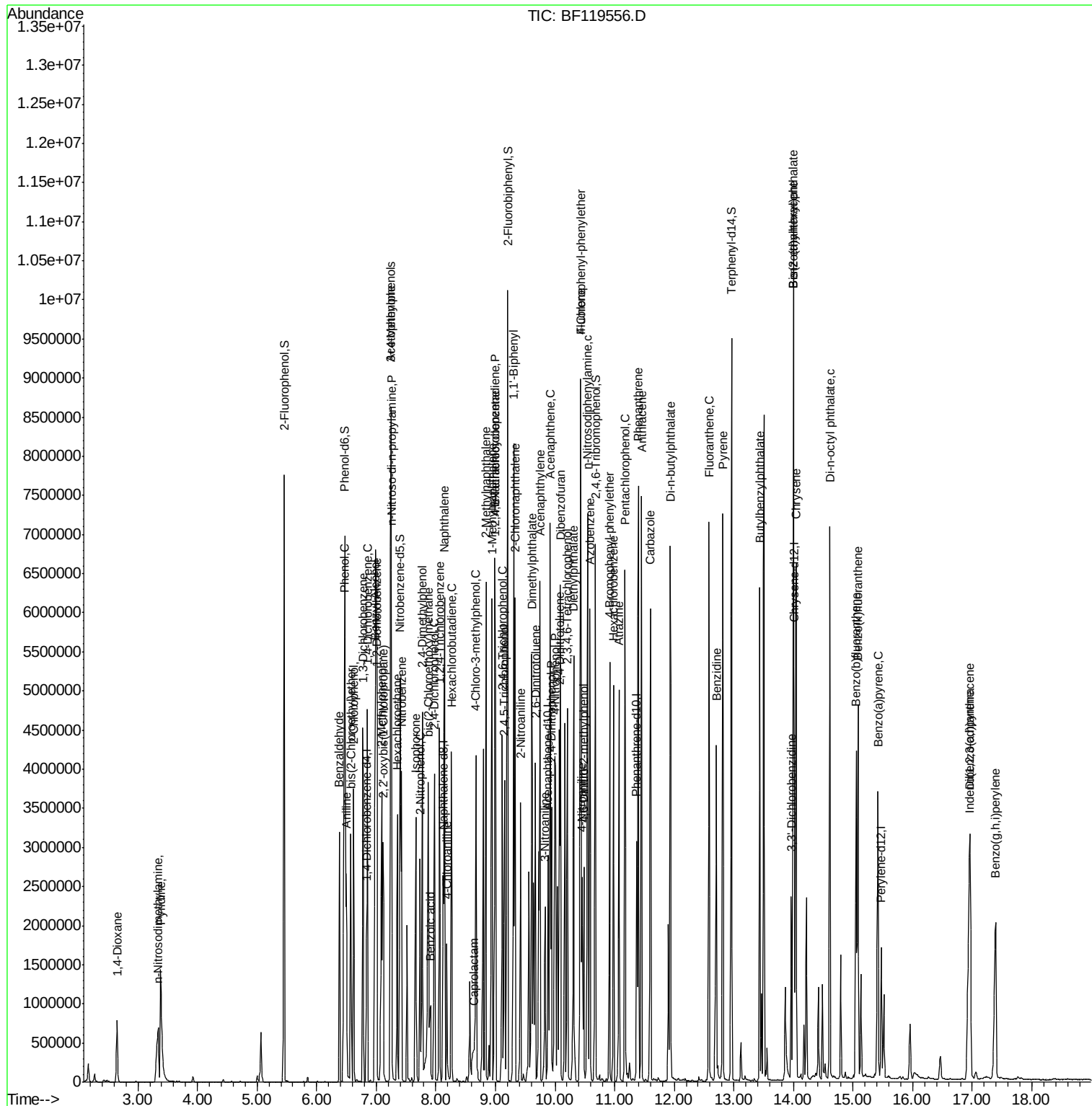
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	1011848	94.775	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	674799	50.212	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	665836	44.228	ng	95
46) 1,1'-Biphenyl	9.30	154	2342444	44.890	ng	99
47) 2-Chloronaphthalene	9.33	162	1843106	45.092	ng	99
48) 2-Nitroaniline	9.42	65	679642	48.173	ng	99
49) Acenaphthylene	9.75	152	2874884	44.789	ng	99
50) Dimethylphthalate	9.61	163	2344831	51.524	ng	99
51) 2,6-Dinitrotoluene	9.67	165	498097	51.063	ng	95
52) Acenaphthene	9.92	154	2014431	50.341	ng	100
53) 3-Nitroaniline	9.83	138	329537	26.759	ng	96
54) 2,4-Dinitrophenol	9.94	184	478914	110.421	ng	# 84
55) Dibenzofuran	10.09	168	2581860	45.002	ng	99
56) 4-Nitrophenol	10.00	139	875837	90.153	ng	92
57) 2,4-Dinitrotoluene	10.07	165	655811	53.369	ng	98
58) Fluorene	10.43	166	1997708	47.087	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	574410	51.044	ng	99
60) Diethylphthalate	10.31	149	2270415	49.155	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	963579	46.444	ng	99
62) 4-Nitroaniline	10.46	138	549761	46.553	ng	99
63) Azobenzene	10.59	77	2140779	46.025	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	334555	65.501	ng	87
66) n-Nitrosodiphenylamine	10.55	169	1872081	46.818	ng	98
67) 4-Bromophenyl-phenylether	10.92	248	647249	46.659	ng	98
68) Hexachlorobenzene	10.98	284	691997	48.740	ng	98
69) Atrazine	11.07	200	581035	53.003	ng	99
70) Pentachlorophenol	11.17	266	780529	93.758	ng	98
71) Phenanthrene	11.40	178	2832273	44.843	ng	99
72) Anthracene	11.45	178	2955446	46.041	ng	100
73) Carbazole	11.60	167	2753167	43.332	ng	100
74) Di-n-butylphthalate	11.93	149	3463807	50.963	ng	98
75) Fluoranthene	12.59	202	3107102	45.457	ng	99
77) Benzidine	12.70	184	1552893	44.866	ng	99
78) Pyrene	12.82	202	3082247	45.921	ng	99
80) Butylbenzylphthalate	13.43	149	1488764	54.840	ng	94
81) Benzo(a)anthracene	14.00	228	2398776	45.104	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	461008	21.984	ng	99
83) Chrysene	14.04	228	2492000	45.402	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1893501	58.511	ng	# 97
85) Di-n-octyl phthalate	14.61	149	3313462	58.218	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	2268662	43.887	ng	99
88) Benzo(b)fluoranthene	15.05	252	2576637	51.912	ng	98
89) Benzo(k)fluoranthene	15.09	252	2076858	43.943	ng	99
90) Benzo(a)pyrene	15.42	252	2056740	45.596	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	1848956	46.864	ng	98
92) Benzo(g,h,i)perylene	17.39	276	1872622	47.245	ng	98

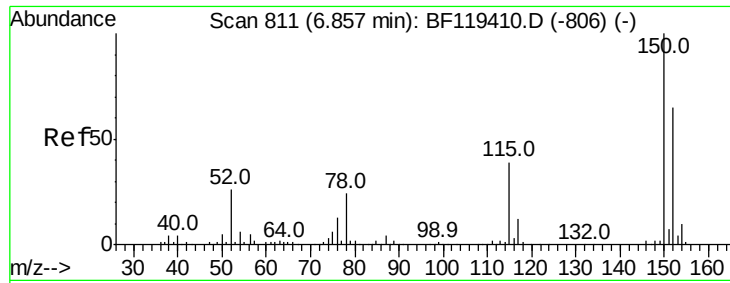
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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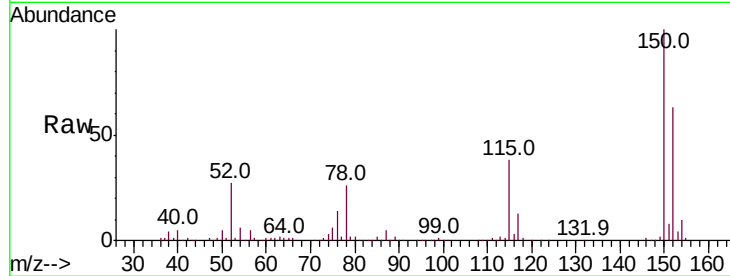


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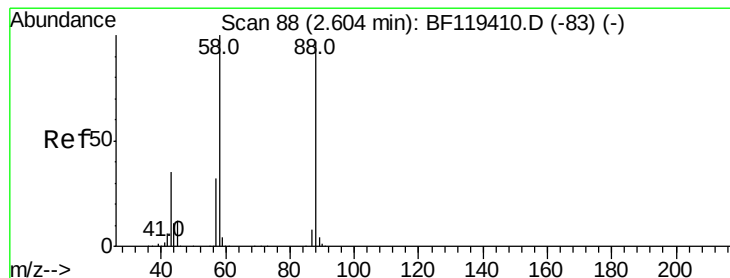
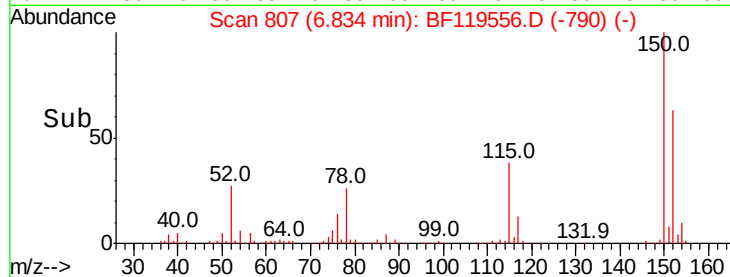
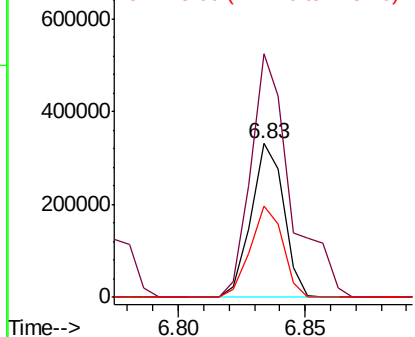
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
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Tot Ion:152 Resp: 298418
Ion Ratio Lower Upper
152 100
150 158.7 124.5 186.7
115 59.7 49.6 74.4



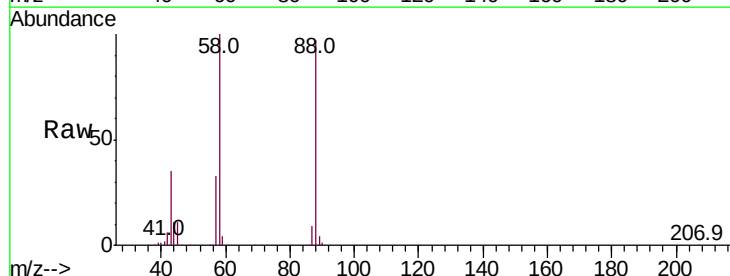
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



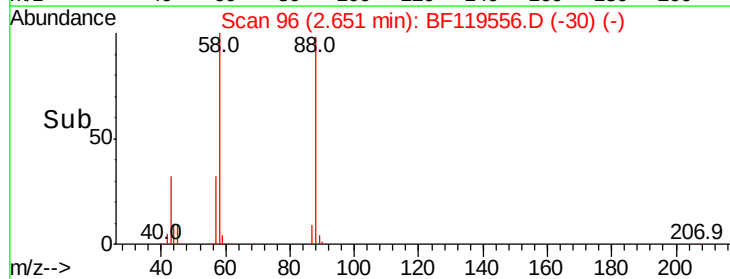
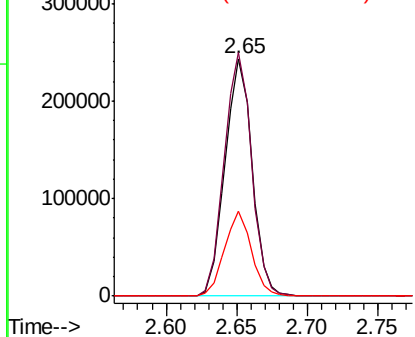
#2

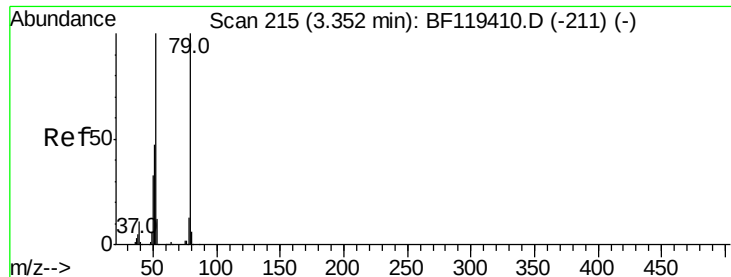
1,4-Dioxane
Concen: 35.047 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.09 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion: 88 Resp: 324483
Ion Ratio Lower Upper
88 100
58 103.5 80.6 121.0
43 35.0 27.5 41.3



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





#3

Pvridine

Concen: 35.580 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.09 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

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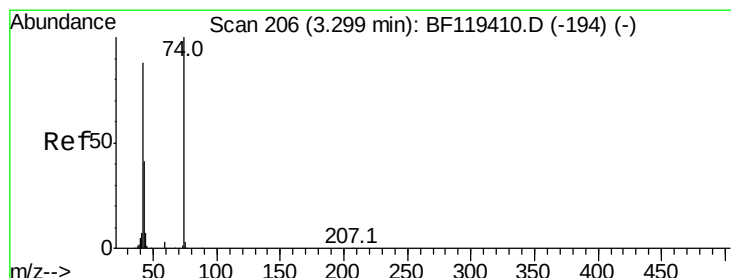
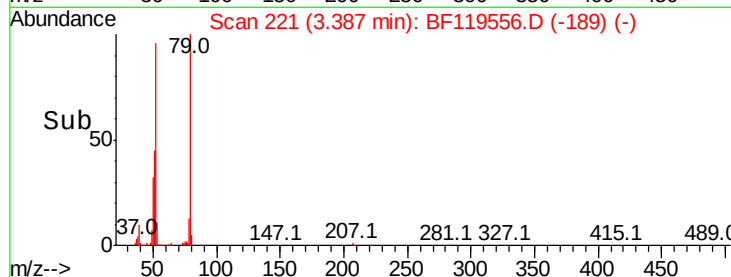
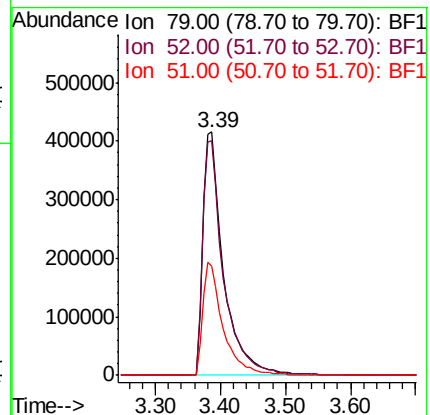
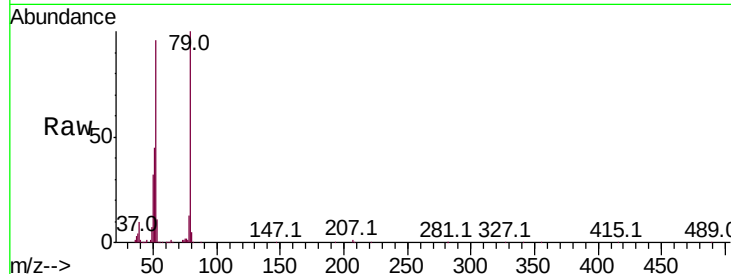
Tot Ion: 79 Resp: 907517

Ion Ratio Lower Upper

79 100

52 96.2 80.2 120.2

51 44.7 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 41.909 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.09 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

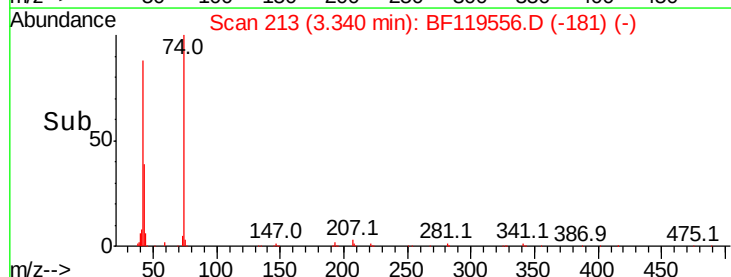
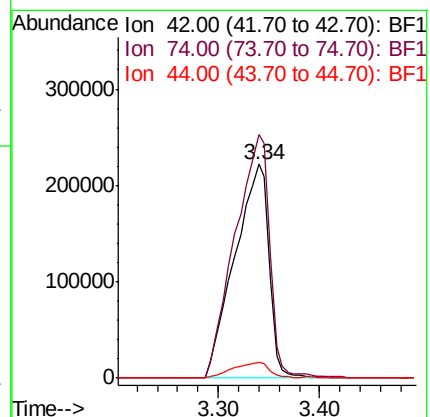
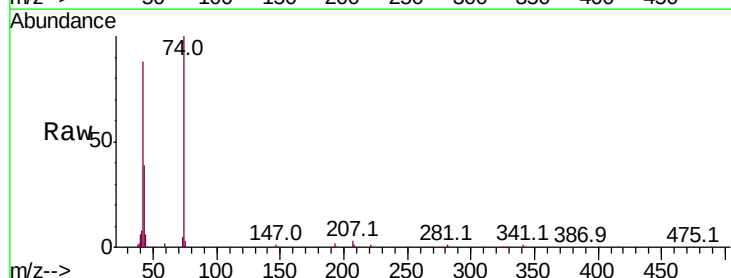
Tgt Ion: 42 Resp: 521287

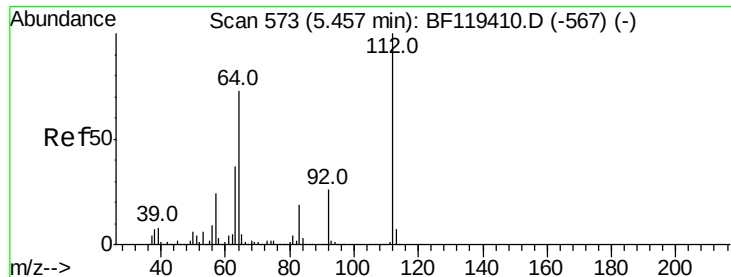
Ion Ratio Lower Upper

42 100

74 113.8 91.5 137.3

44 7.1 6.2 9.4





#5

2-Fluorophenol

Concen: 119.774 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF119556.D

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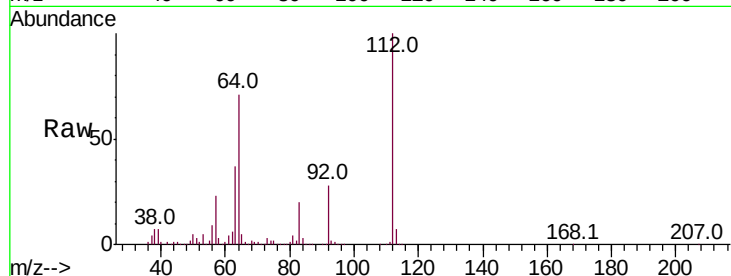
Tot Ion:112 Resp: 2245275

Ion Ratio Lower Upper

112 100

64 71.4 56.7 85.1

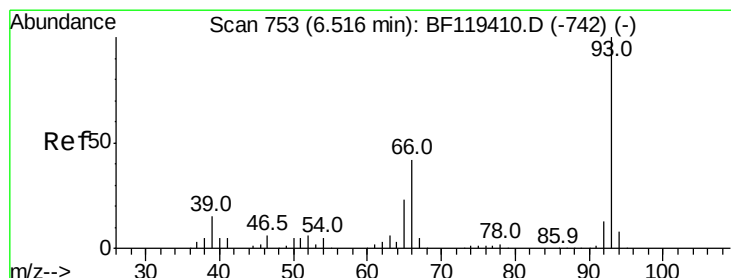
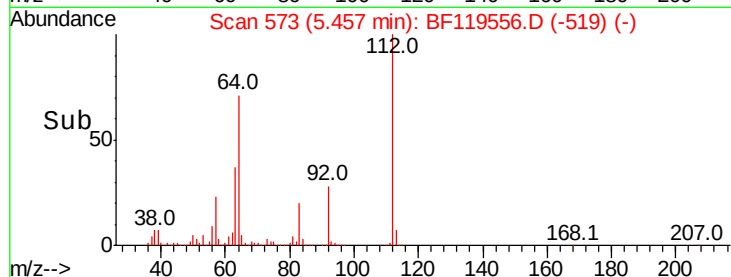
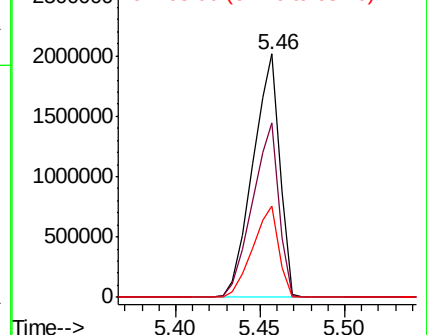
63 37.4 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.979 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

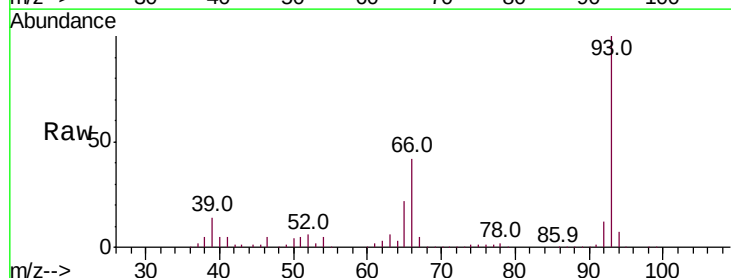
Tgt Ion: 93 Resp: 1189111

Ion Ratio Lower Upper

93 100

66 42.2 34.9 52.3

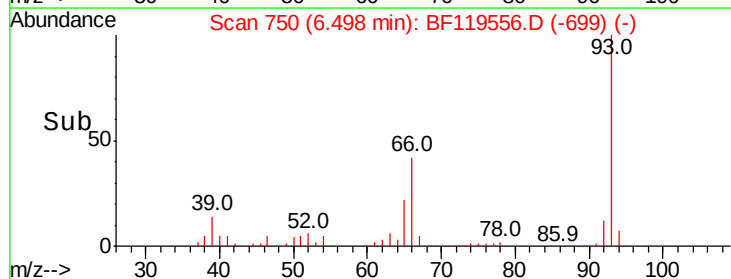
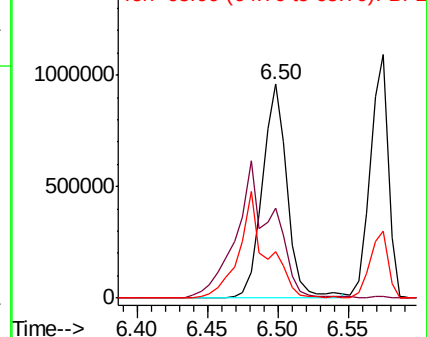
65 22.0 18.6 27.8

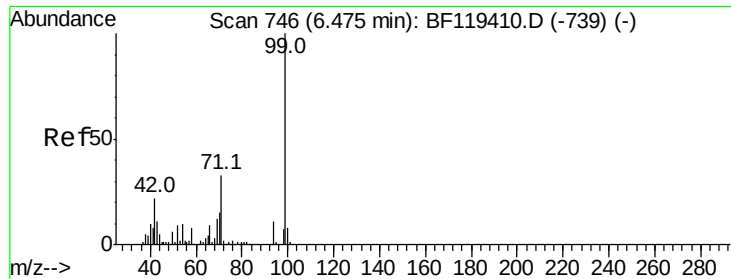


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.876 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

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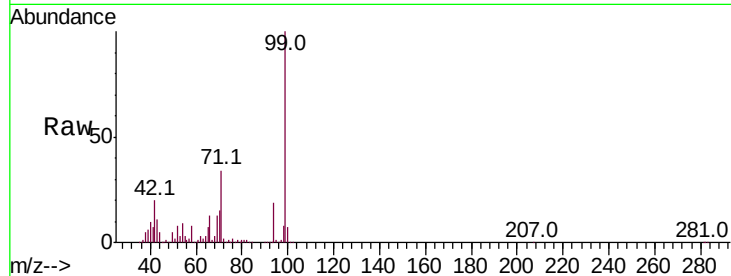
Tot Ion: 99 Resp: 2966408

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

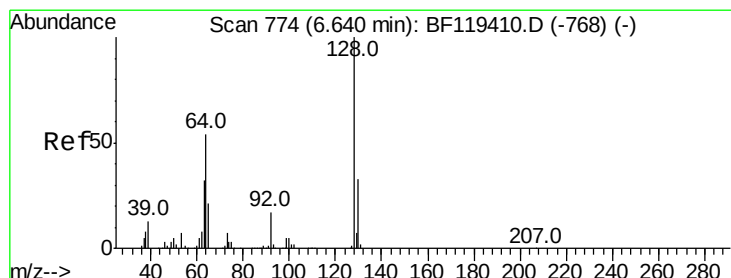
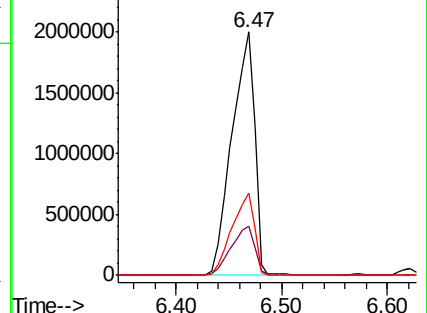
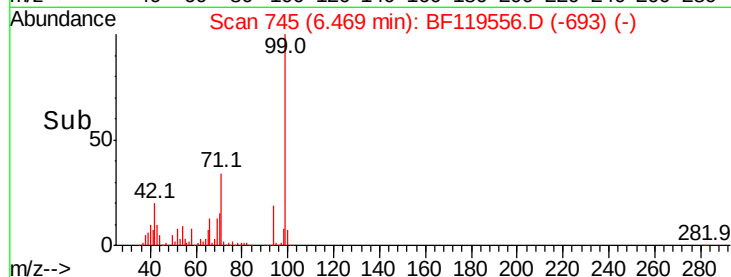
71 33.9 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 51.277 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF119556.D

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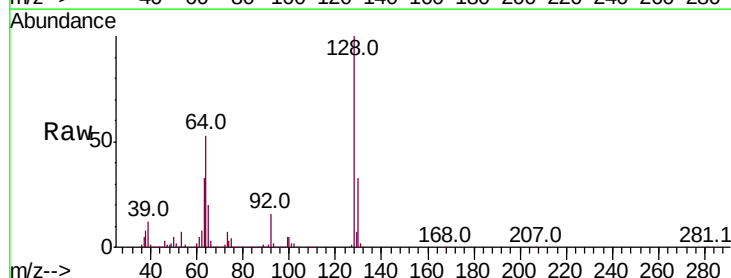
Tgt Ion:128 Resp: 1009566

Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

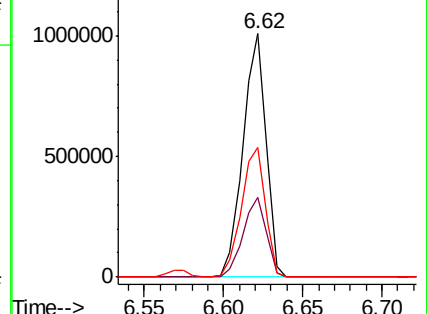
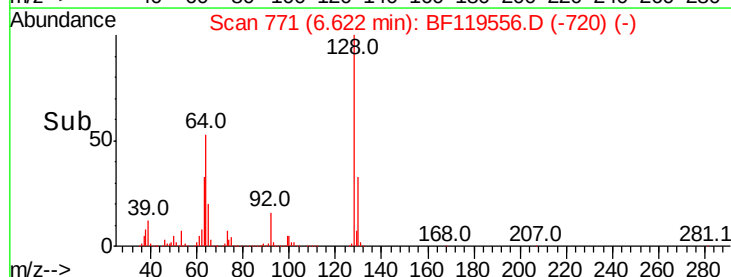
64 53.1 35.3 75.3

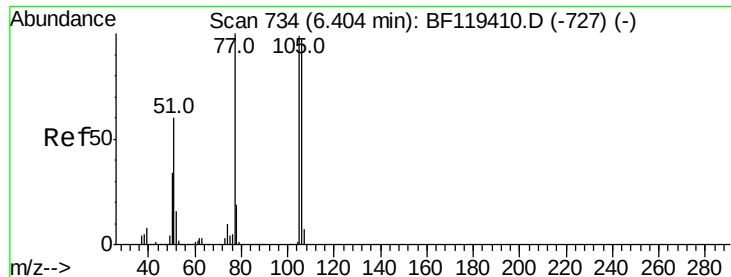


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.538 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

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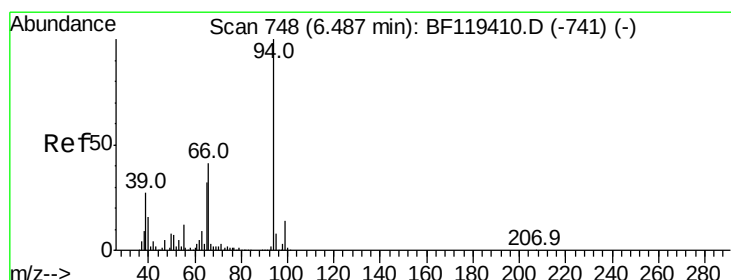
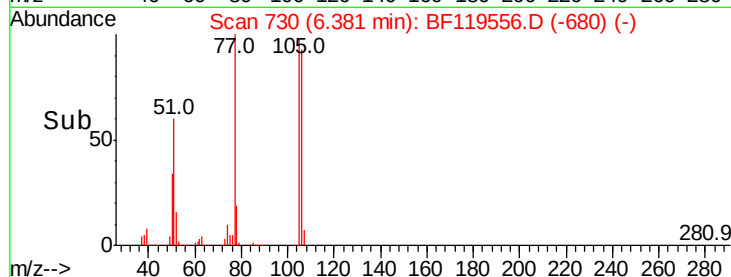
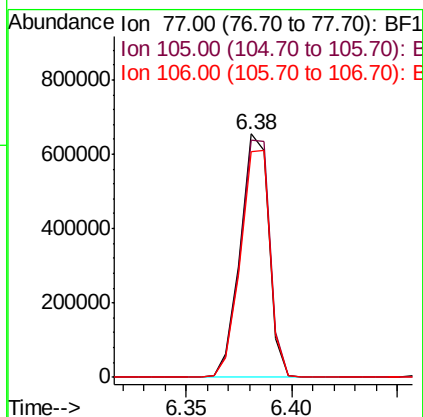
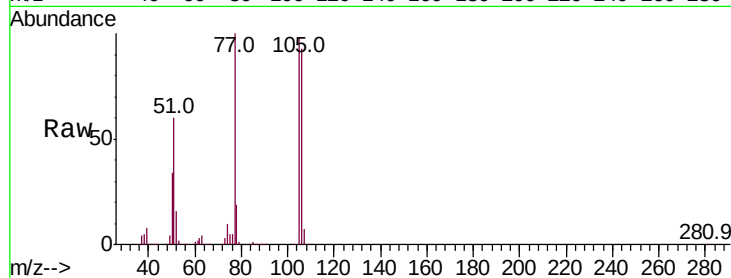
Tot Ion: 77 Resp: 615815

Ion Ratio Lower Upper

77 100

105 97.5 80.9 120.9

106 92.9 77.9 117.9



#10

Phenol

Concen: 50.243 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

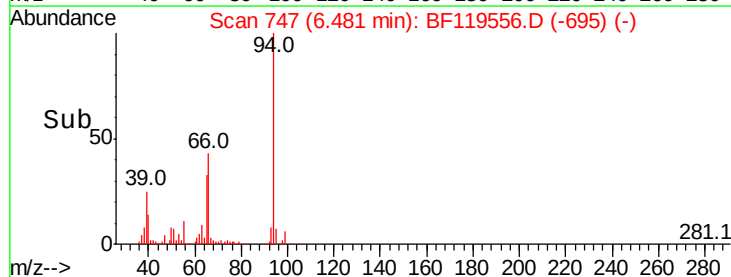
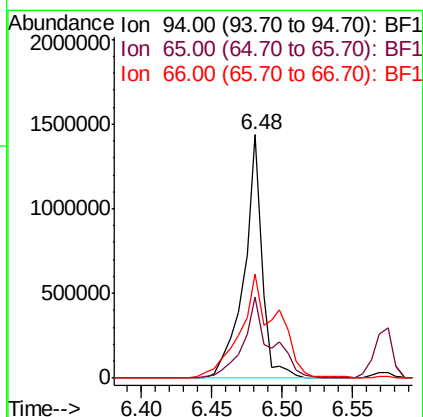
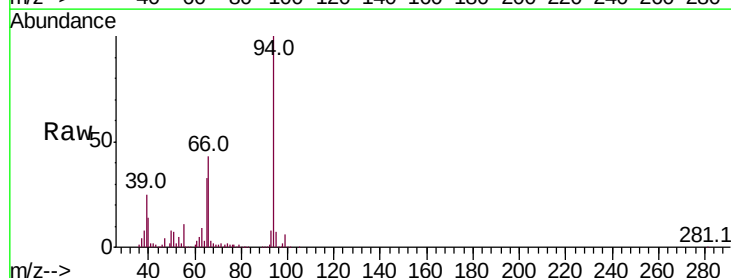
Tgt Ion: 94 Resp: 1283792

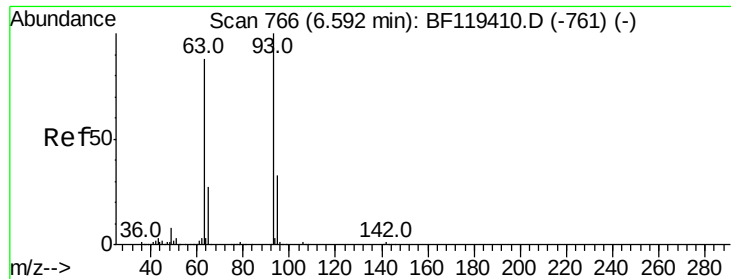
Ion Ratio Lower Upper

94 100

65 33.5 13.2 53.2

66 42.9 22.3 62.3

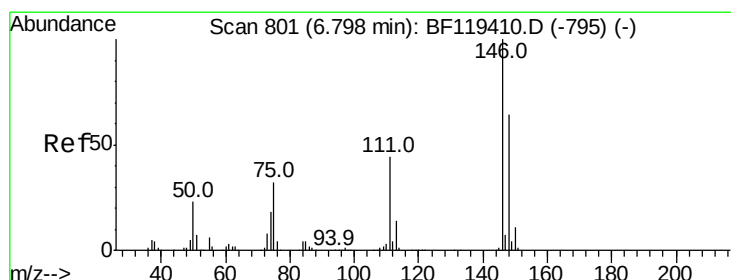
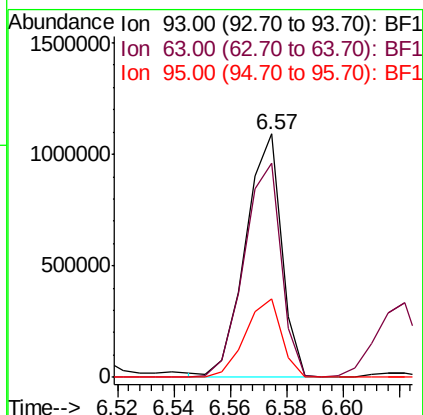
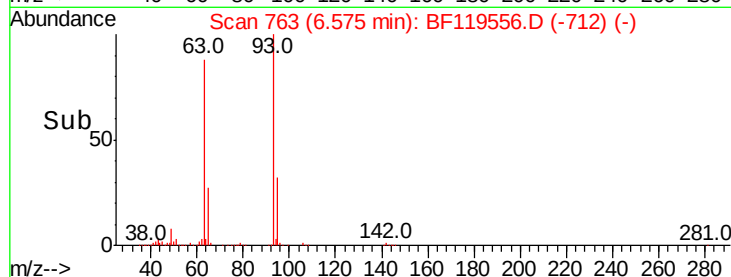
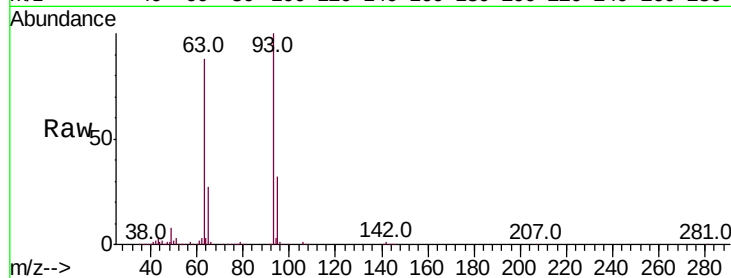




#11
bis(2-Chloroethyl)ether
Concen: 47.333 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

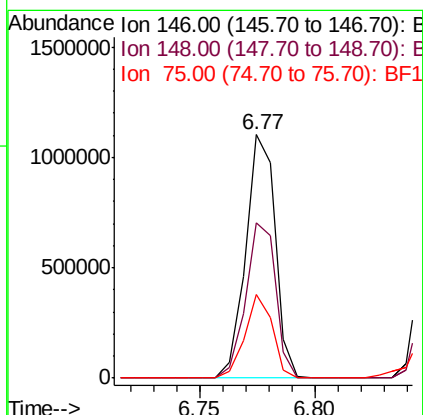
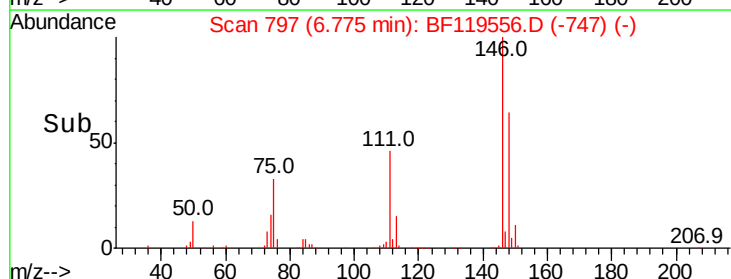
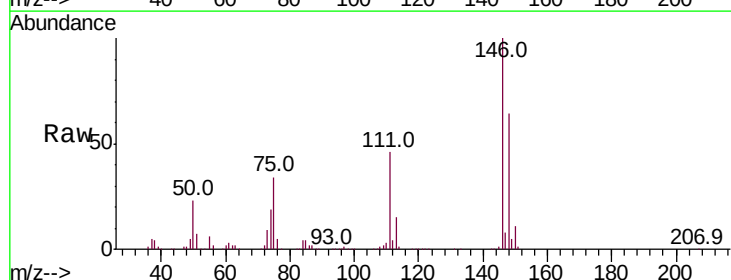
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

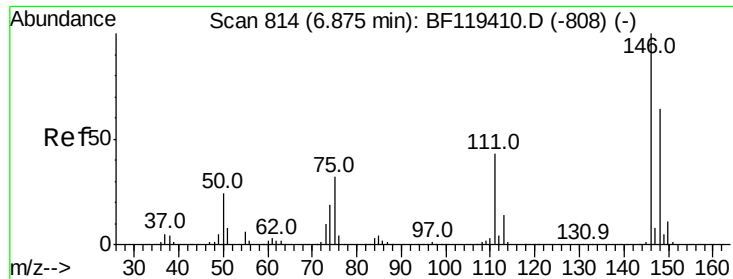
Tot Ion: 93 Resp: 967289
Ion Ratio Lower Upper
93 100
63 88.1 70.2 110.2
95 32.4 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 46.355 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion: 146 Resp: 987781
Ion Ratio Lower Upper
146 100
148 63.7 52.2 78.4
75 34.2 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 47.320 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

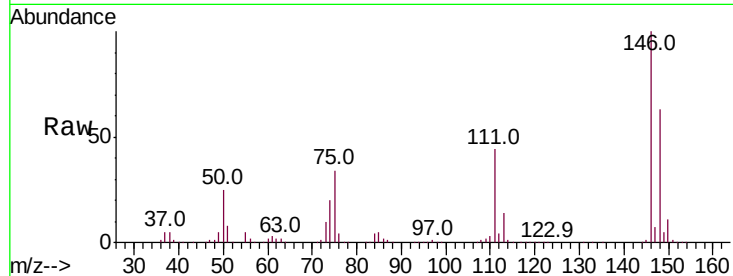
Tot Ion:146 Resp: 1008593

Ion Ratio Lower Upper

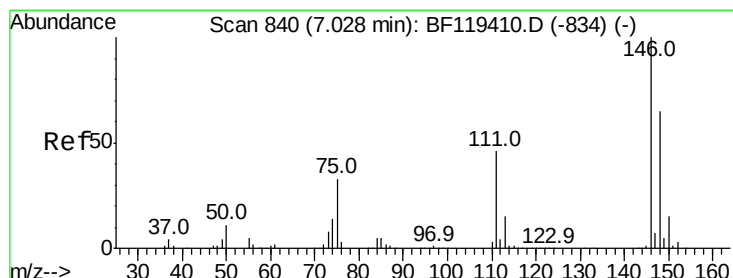
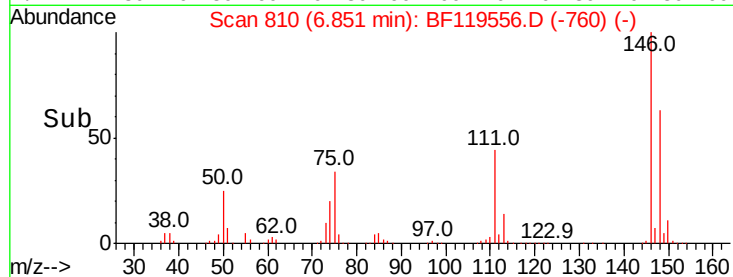
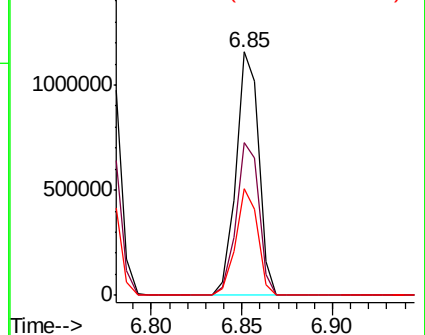
146 100

148 62.6 51.5 77.3

111 43.8 33.3 49.9



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



#14

1,2-Dichlorobenzene

Concen: 47.415 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

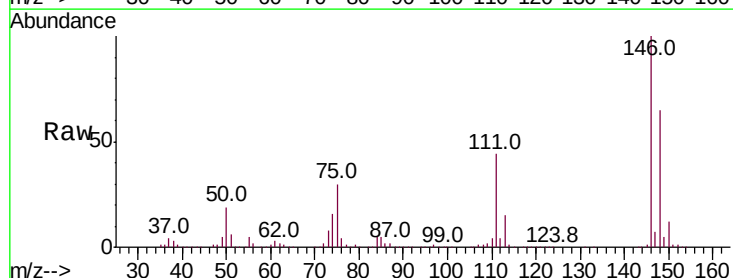
Tgt Ion:146 Resp: 944619

Ion Ratio Lower Upper

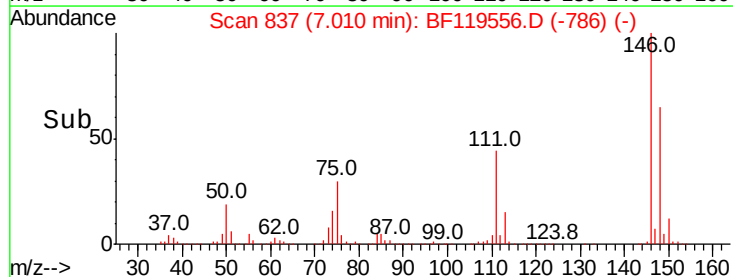
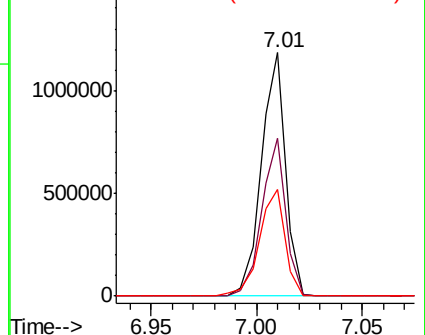
146 100

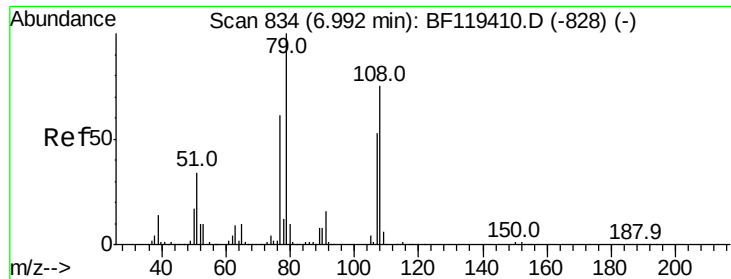
148 65.1 50.6 75.8

111 43.6 36.1 54.1



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

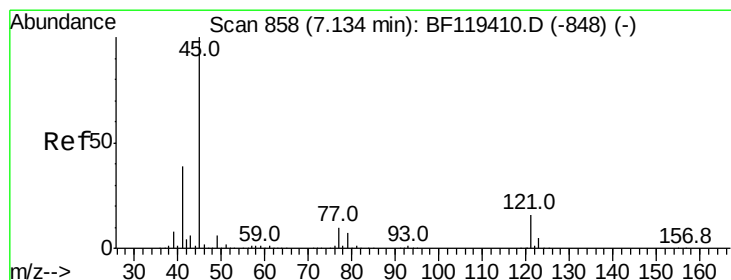
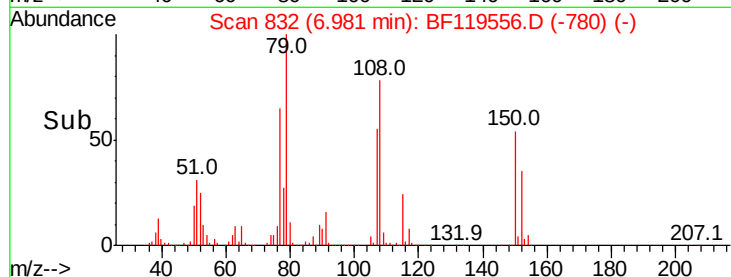
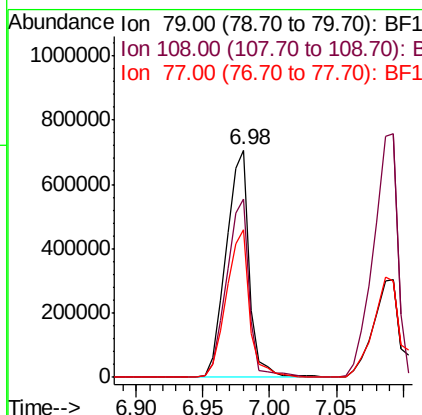
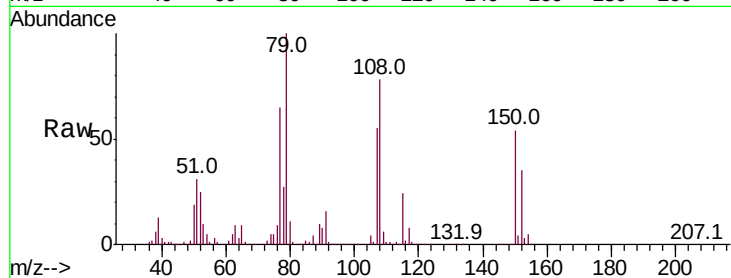




#15
Benzyl Alcohol
Concen: 48.076 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

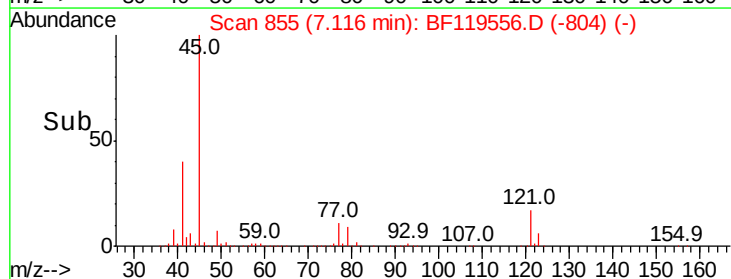
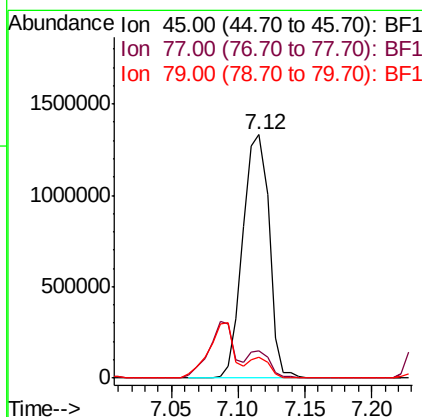
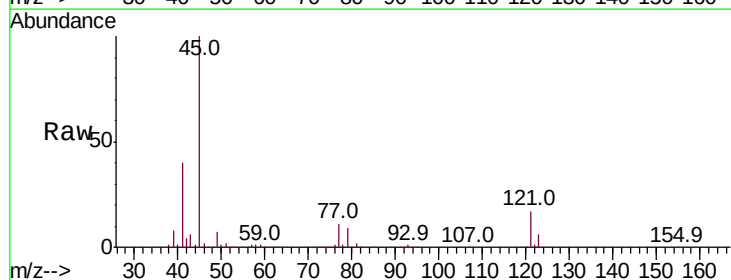
Instrument :
BNA_F
ClientSampleID :
FK-BPM-01-C4-D4-C4A-D4AMS

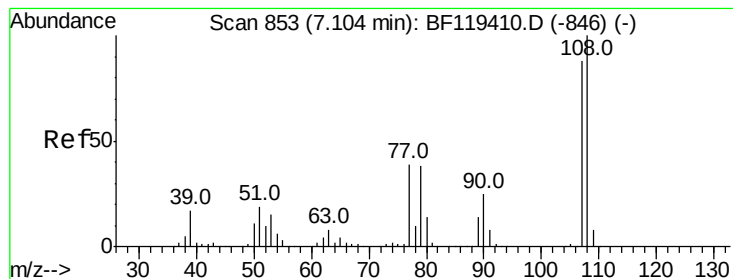
Tot Ion: 79 Resp: 866000
Ion Ratio Lower Upper
79 100
108 78.4 60.6 90.8
77 64.9 50.2 75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.914 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion: 45 Resp: 1810181
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.7
79 8.6 0.0 28.2





#17

2-Methylphenol

Concen: 45.931 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:107 Resp: 828556

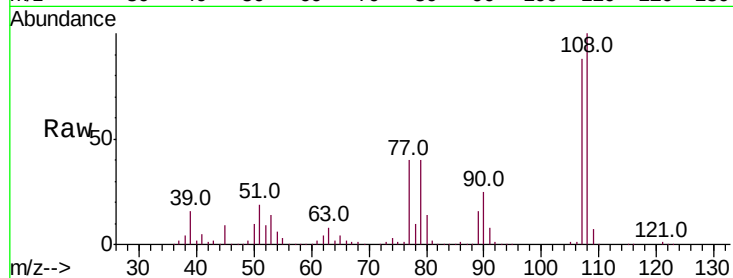
Ion Ratio Lower Upper

107 100

108 114.1 92.2 138.4

77 45.2 36.6 54.8

79 45.6 36.2 54.4



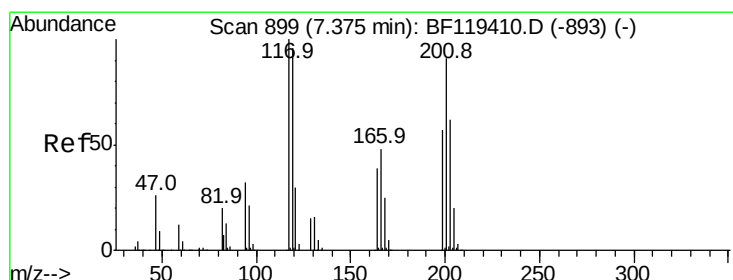
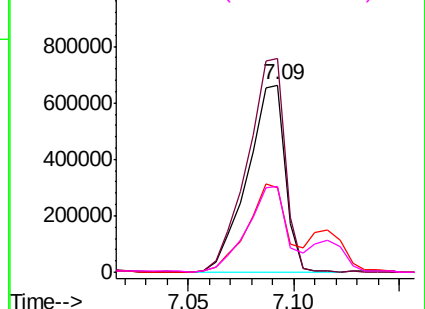
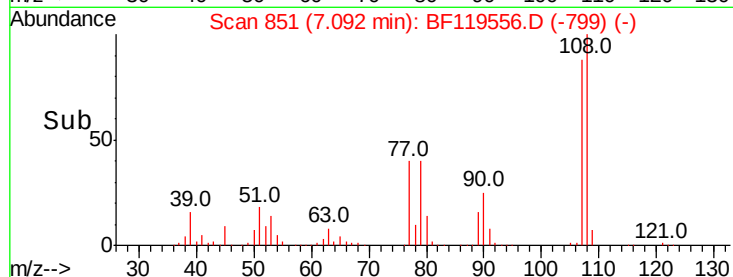
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 49.422 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

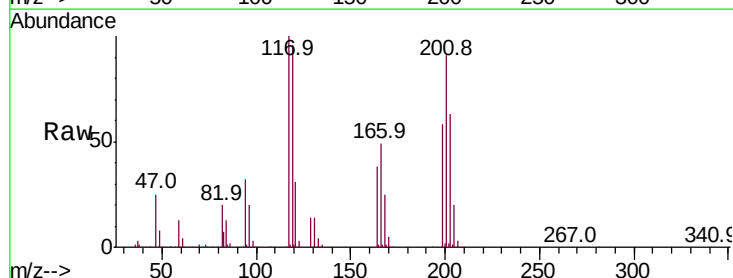
Tgt Ion:117 Resp: 386039

Ion Ratio Lower Upper

117 100

119 95.5 76.1 114.1

201 91.3 73.0 109.6

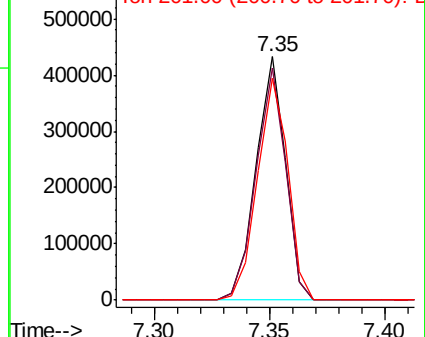
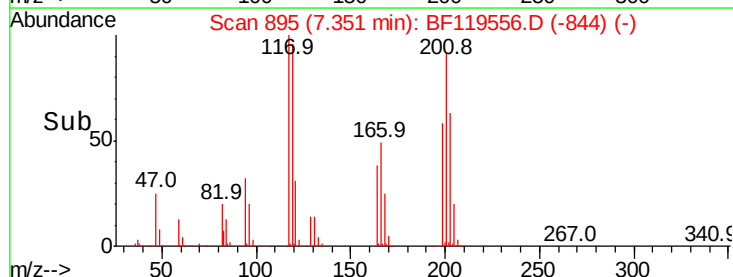


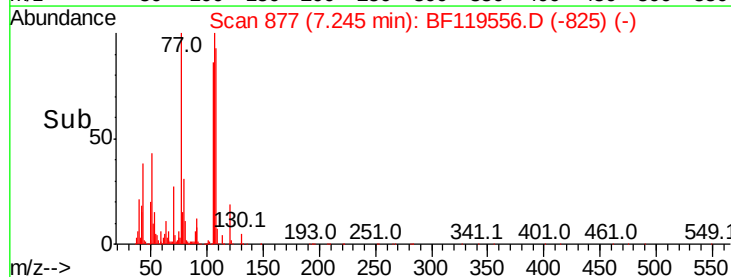
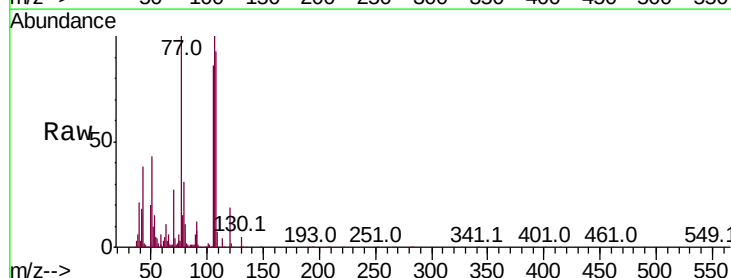
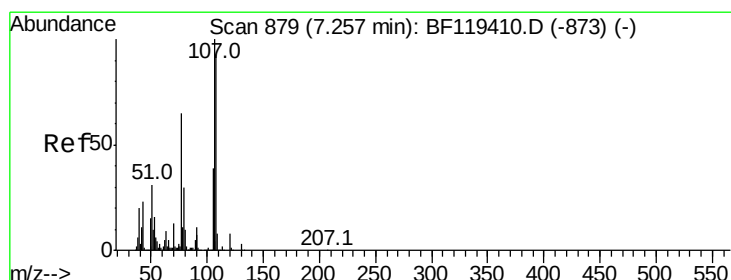
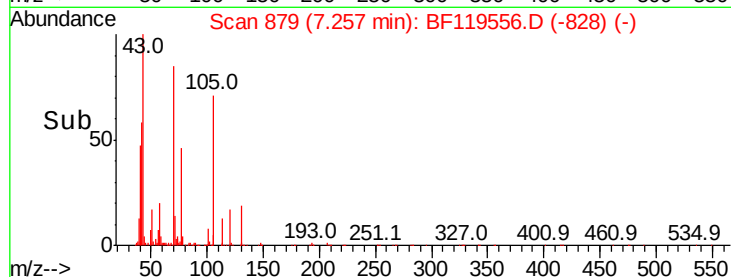
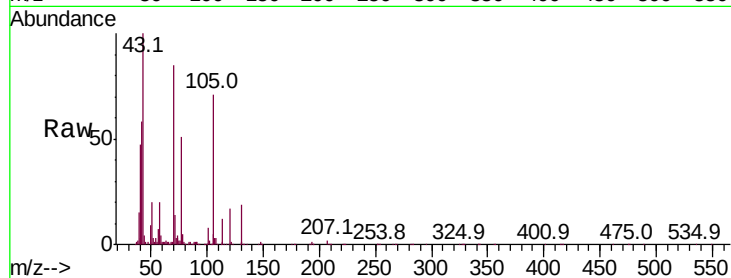
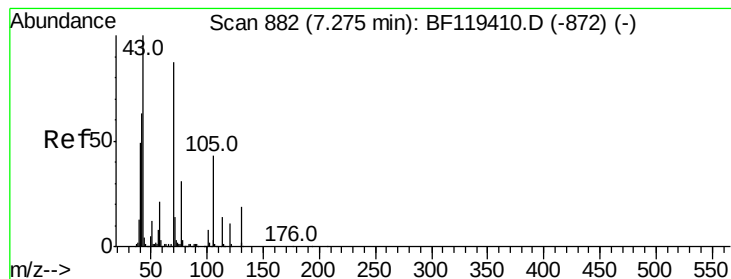
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 49.750 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion: 70 Resp: 718087

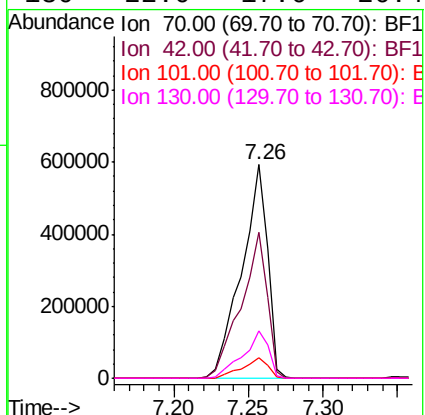
Ion Ratio Lower Upper

70 100

42 68.2 54.5 81.7

101 9.8 7.6 11.4

130 22.0 17.6 26.4



#20

3+4-Methylphenols

Concen: 44.914 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Tgt Ion:107 Resp: 992959

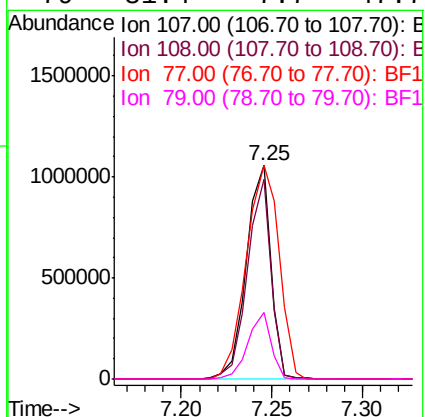
Ion Ratio Lower Upper

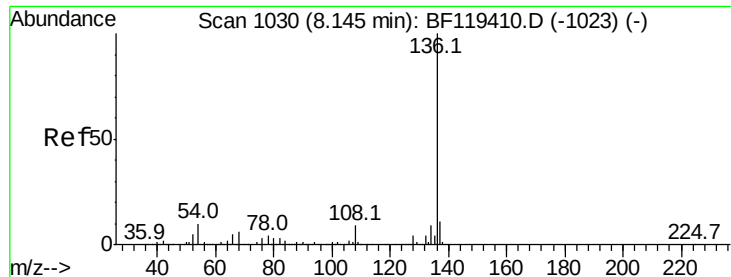
107 100

108 93.2 67.9 107.9

77 99.9 52.9 92.9#

79 31.4 7.7 47.7



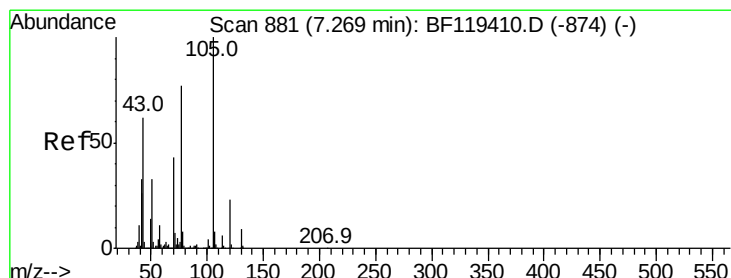
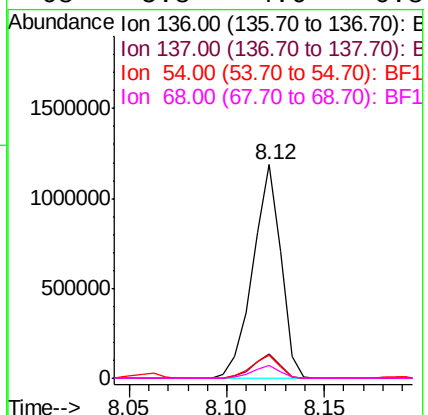
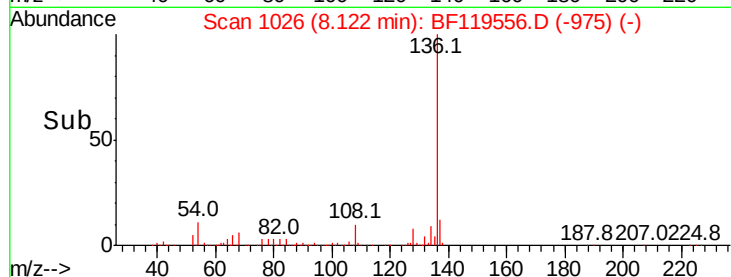
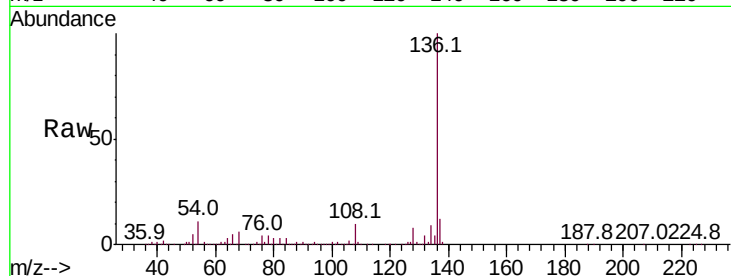


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:136 Resp: 1177640

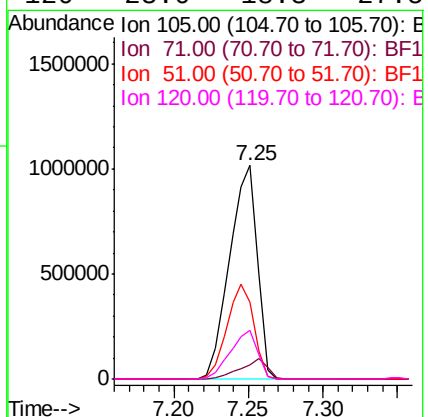
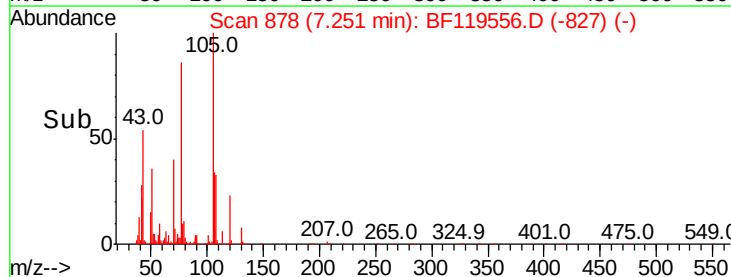
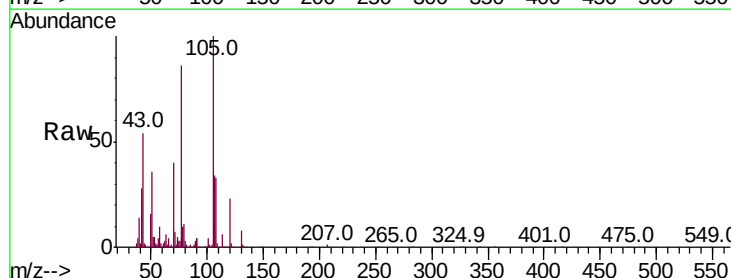
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	10.7	9.1	13.7
68	5.8	4.6	6.8

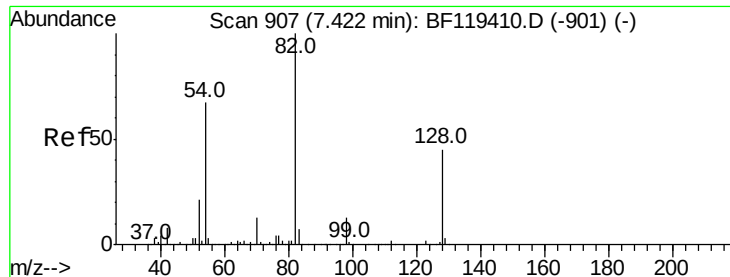


#22
Acetophenone
Concen: 47.019 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion:105 Resp: 1323093

Ion	Ratio	Lower	Upper
105	100		
71	6.7	5.7	8.5
51	36.1	26.2	39.4
120	23.0	18.3	27.5

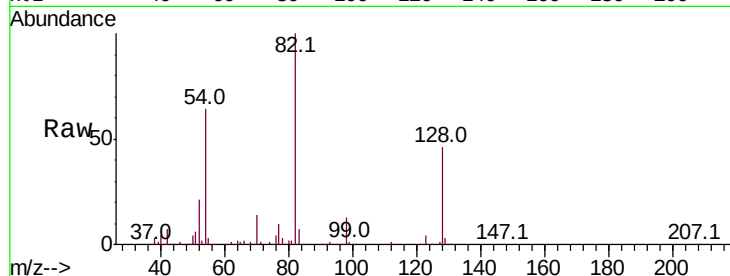




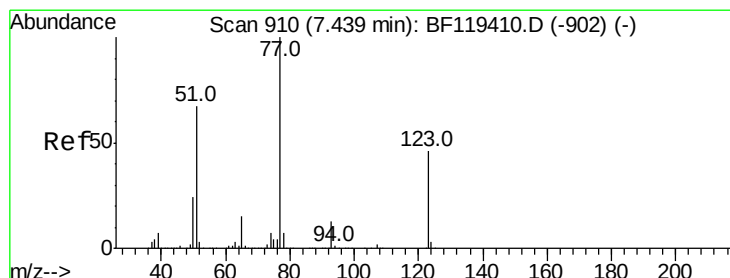
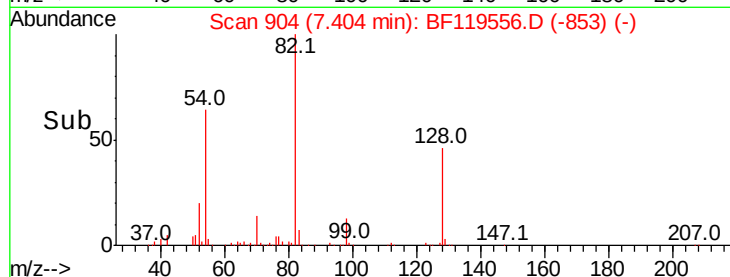
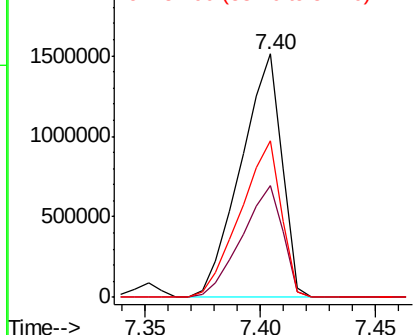
#23
Nitrobenzene-d5
Concen: 86.488 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion: 82 Resp: 1874075
Ion Ratio Lower Upper
82 100
128 46.2 36.3 54.5
54 64.5 50.6 75.8

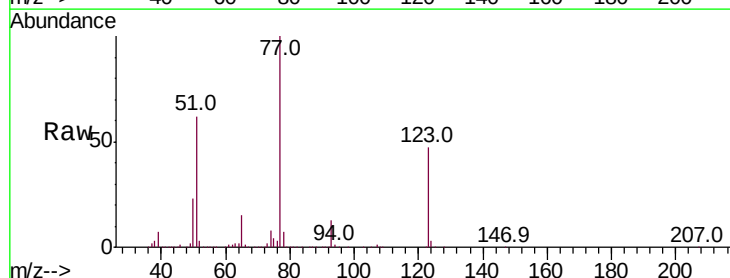


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

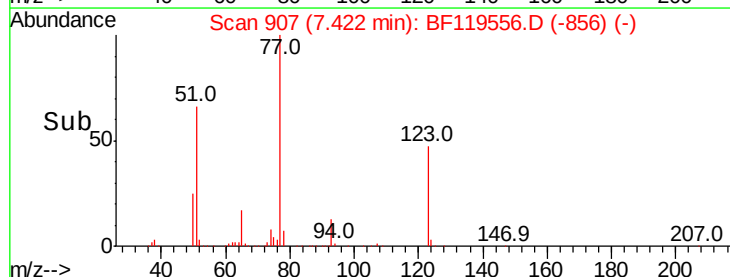
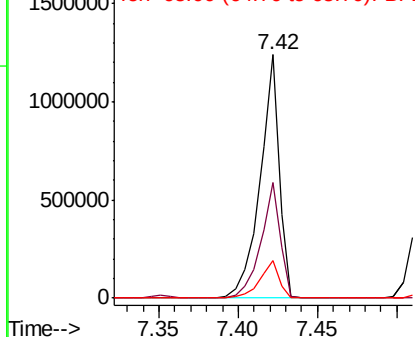


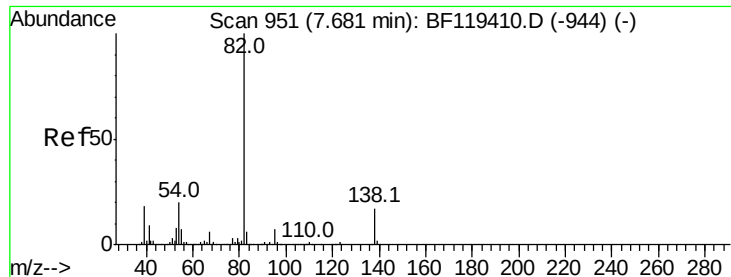
#24
Nitrobenzene
Concen: 45.481 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion: 77 Resp: 1053191
Ion Ratio Lower Upper
77 100
123 47.3 38.0 57.0
65 15.4 12.6 18.8



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





#25

Isophorone

Concen: 46.169 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

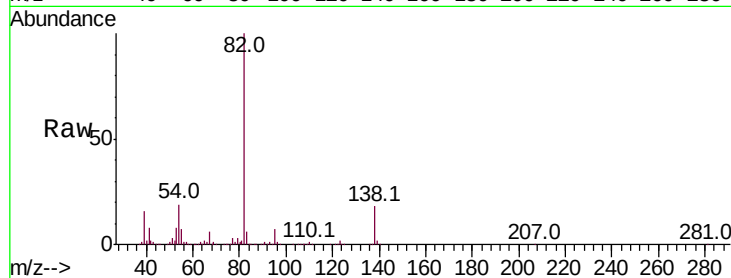
Tot Ion: 82 Resp: 2029390

Ion Ratio Lower Upper

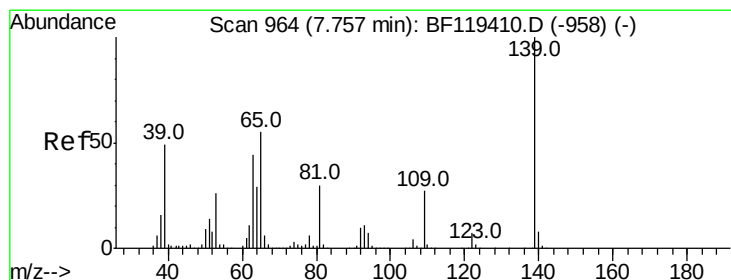
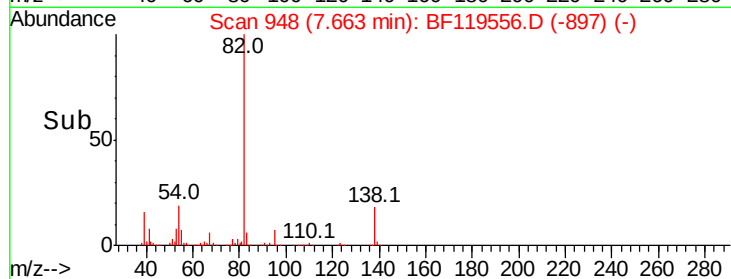
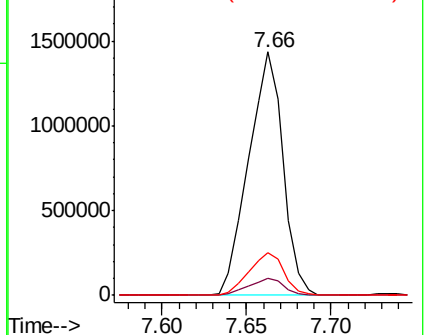
82 100

95 7.0 5.8 8.6

138 17.6 14.6 21.8



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: 60.321 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

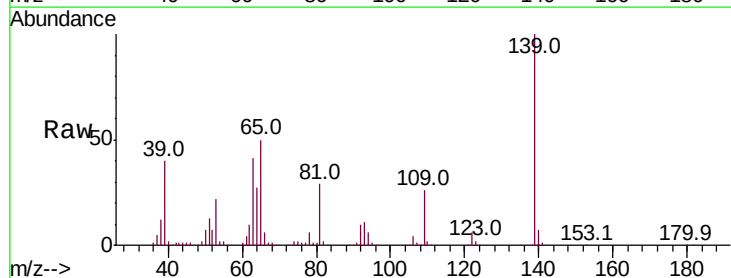
Tgt Ion: 139 Resp: 549990

Ion Ratio Lower Upper

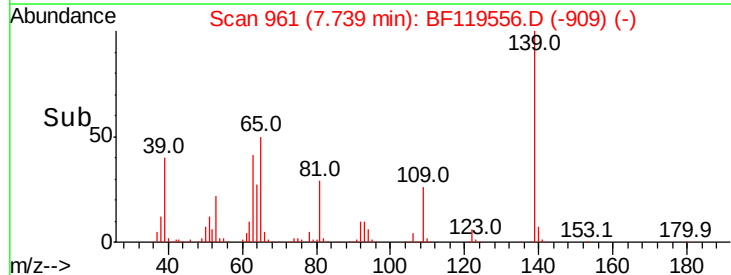
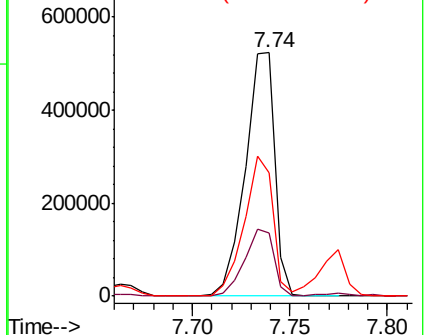
139 100

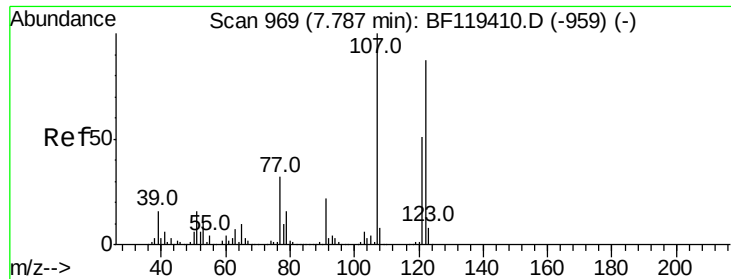
109 26.0 22.1 33.1

65 50.4 49.2 73.8



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

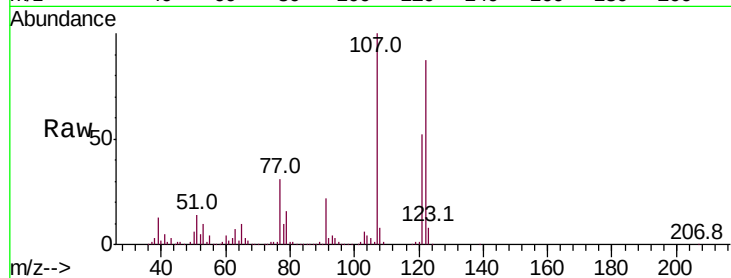




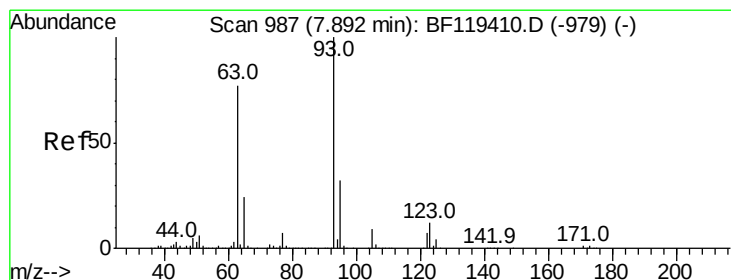
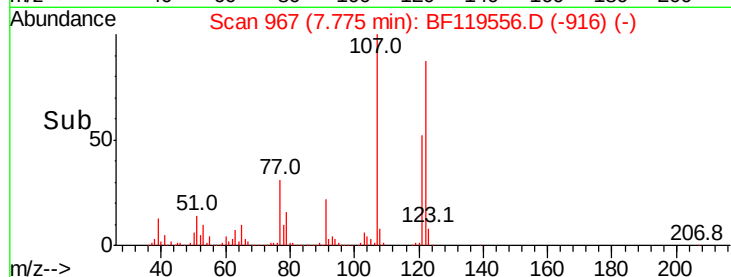
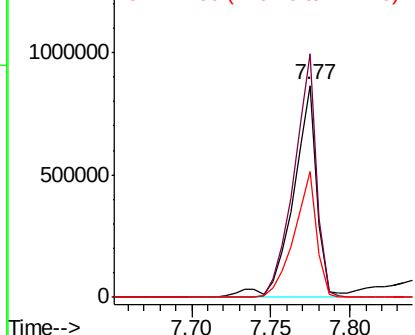
#27
2,4-Dimethylphenol
Concen: 47.303 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:122 Resp: 891827
Ion Ratio Lower Upper
122 100
107 115.1 89.0 133.6
121 59.5 46.7 70.1

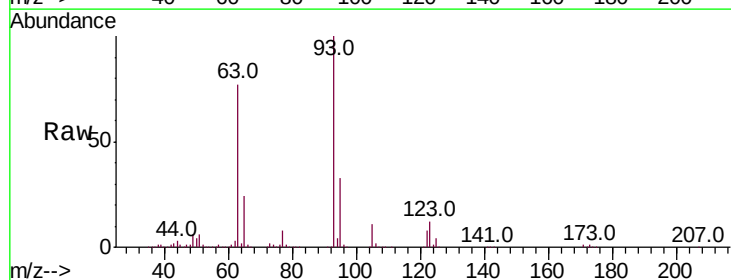


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

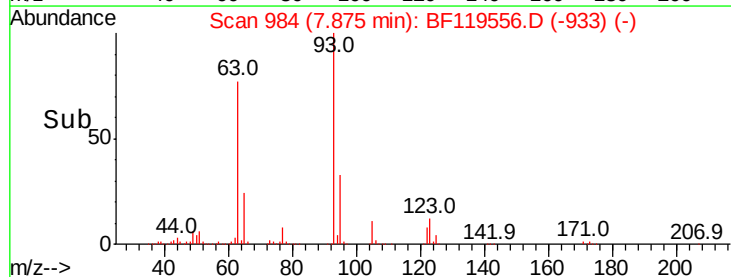
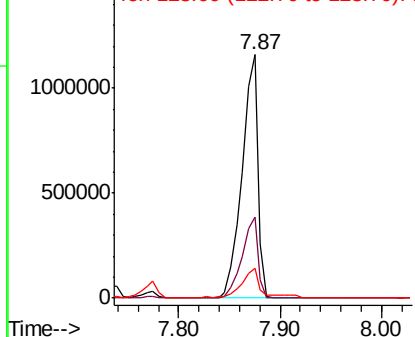


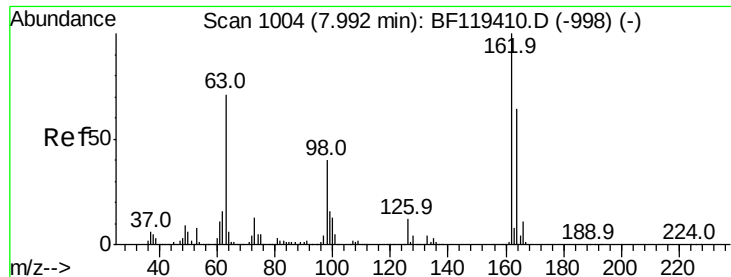
#28
bis(2-Chloroethoxy)methane
Concen: 48.531 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion: 93 Resp: 1261438
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 12.2 9.7 14.5



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

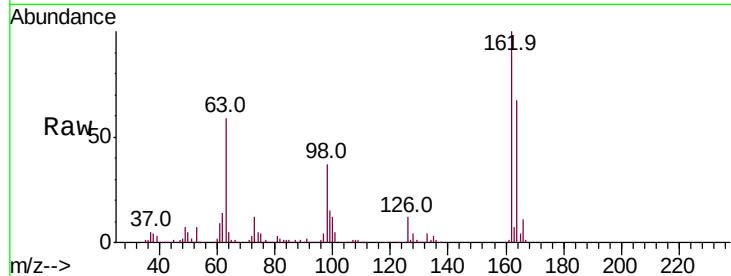




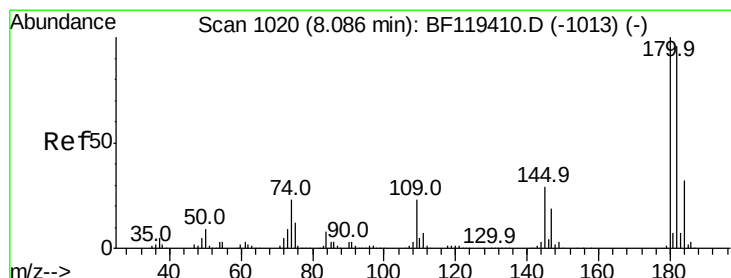
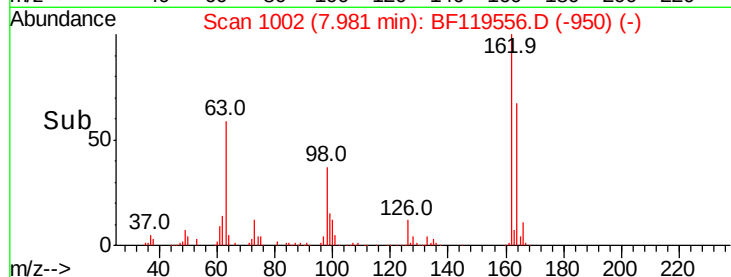
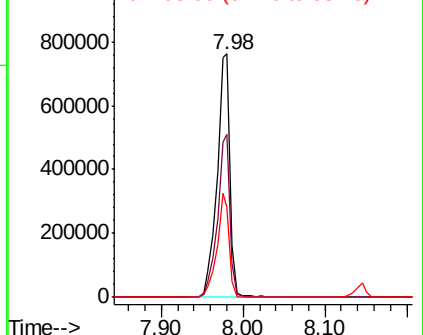
#29
 2,4-Dichlorophenol
 Concen: 48.927 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:162 Resp: 847567
 Ion Ratio Lower Upper
 162 100
 164 66.9 44.7 84.7
 98 36.8 20.7 60.7

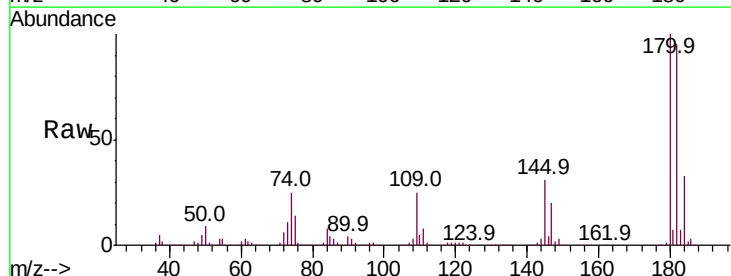


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

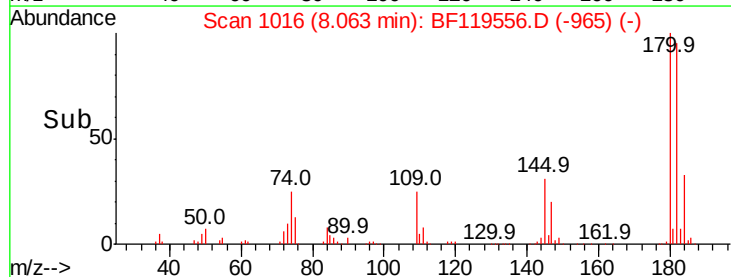
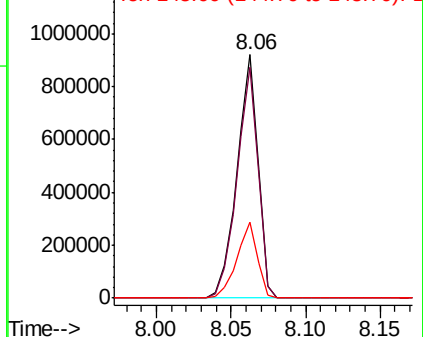


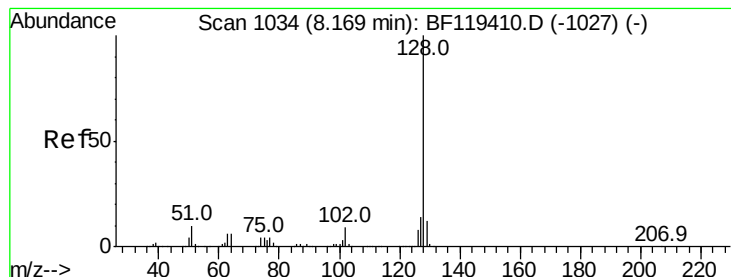
#30
 1,2,4-Trichlorobenzene
 Concen: 47.279 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Tgt Ion:180 Resp: 905755
 Ion Ratio Lower Upper
 180 100
 182 94.7 74.7 112.1
 145 31.1 24.5 36.7



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





#31

Naphthalene

Concen: 46.777 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

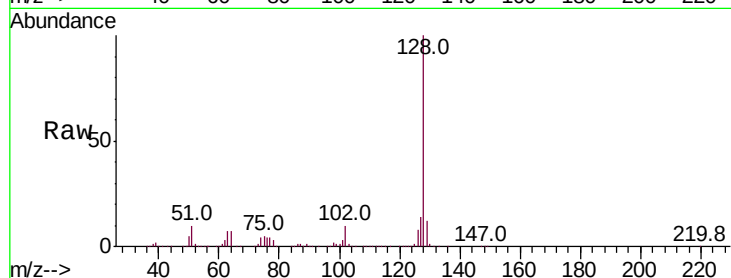
BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:128 Resp: 2834837

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.5	14.3
127	13.8	11.3	16.9

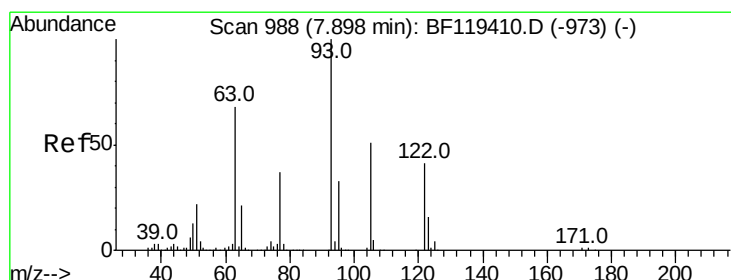
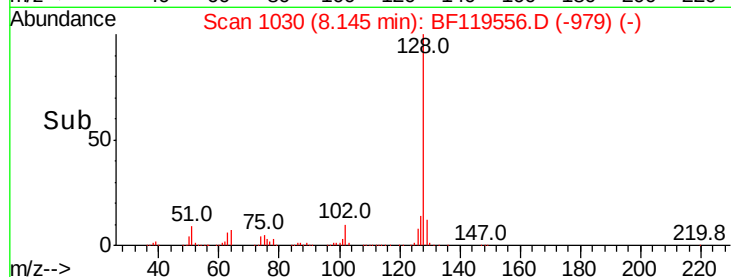
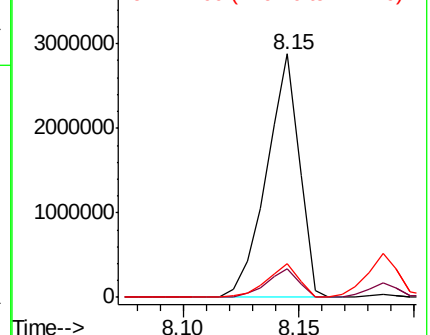


Abundance

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: 59.587 ng

RT: 7.92 min Scan# 991

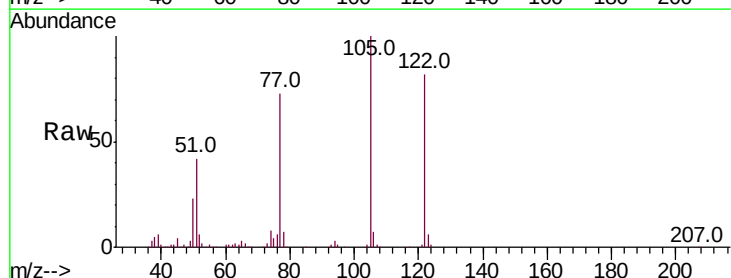
Delta R.T. 0.02 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Tgt Ion:122 Resp: 722645

Ion	Ratio	Lower	Upper
122	100		
105	121.4	104.9	144.9
77	88.6	74.4	114.4

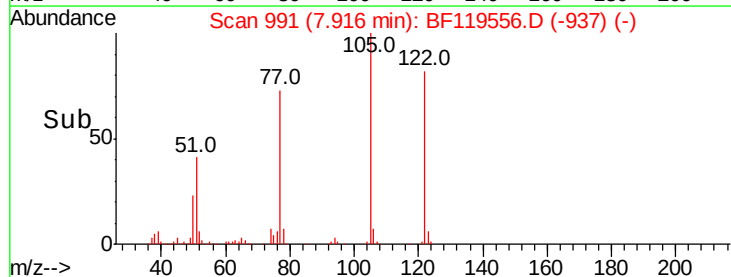
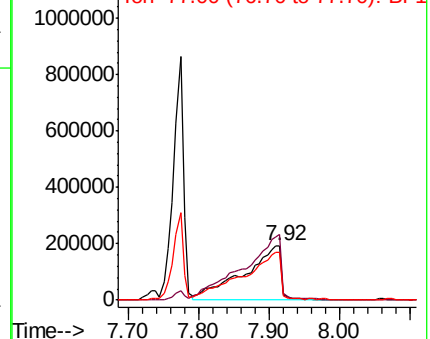


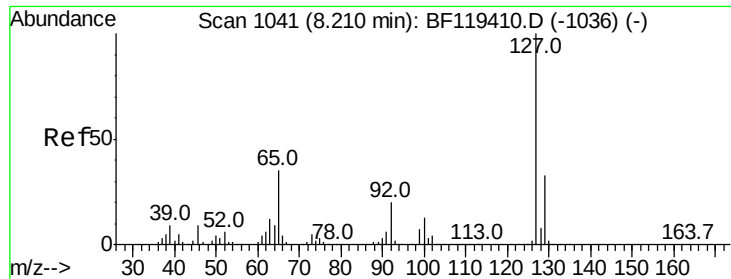
Abundance

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

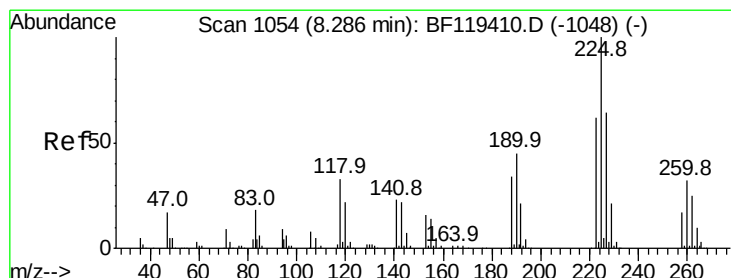
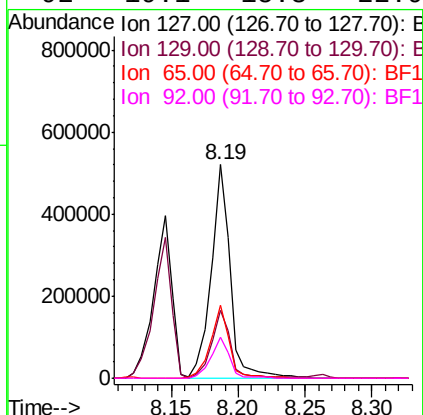
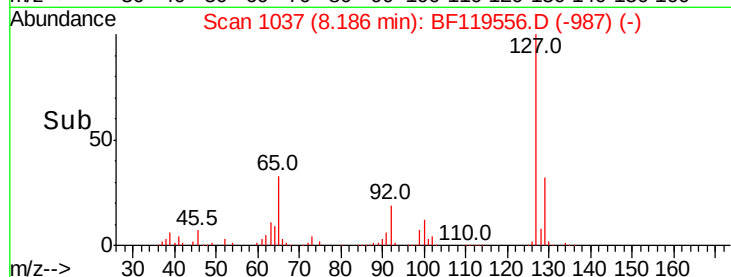
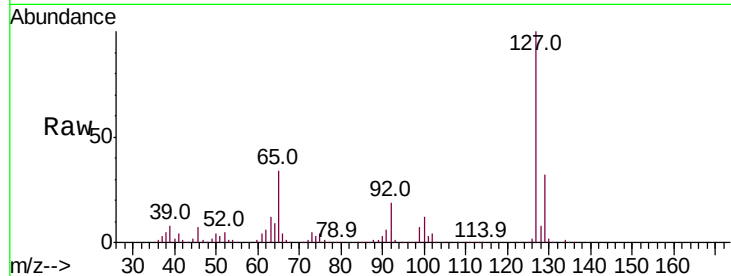




#33
4-Chloroaniline
Concen: 18.708 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

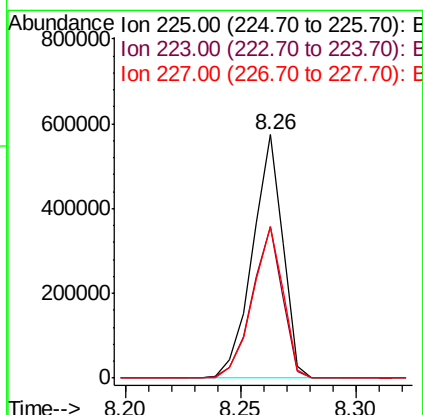
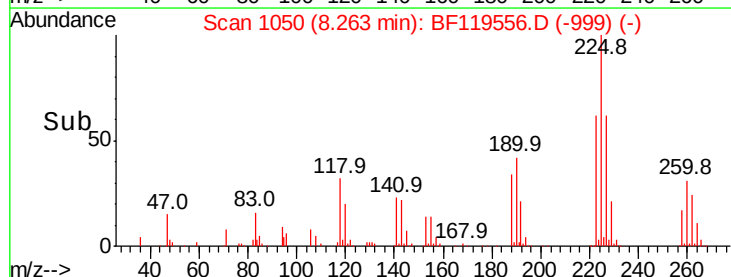
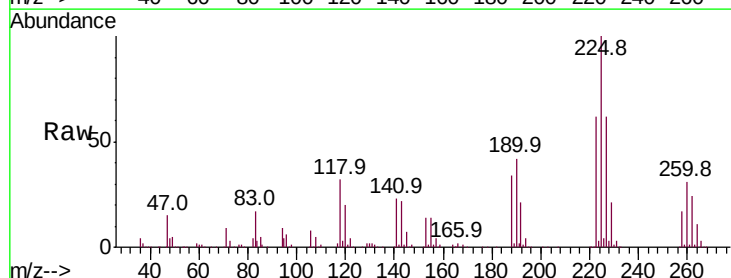
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

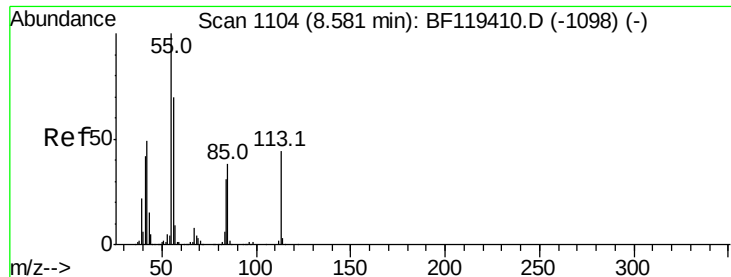
Tot Ion:	127	Resp:	519495
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.4
65	34.0	27.4	41.0
92	19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 48.926 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion:	225	Resp:	524434
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.6
227	62.4	50.7	76.1

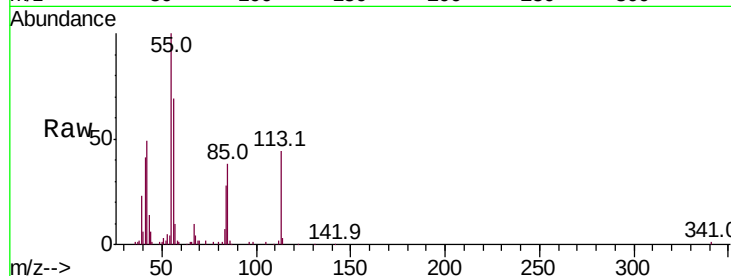




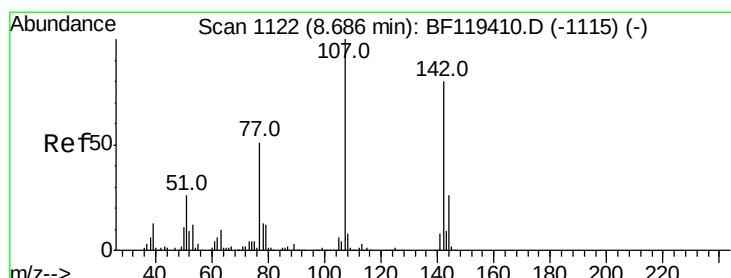
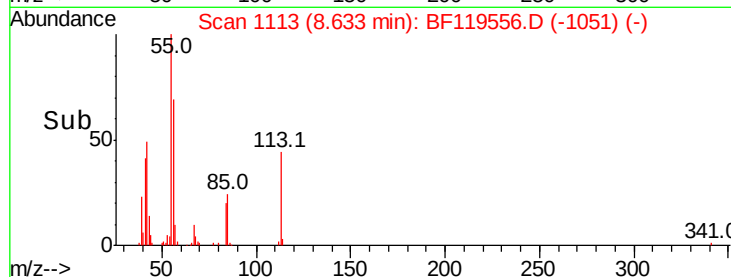
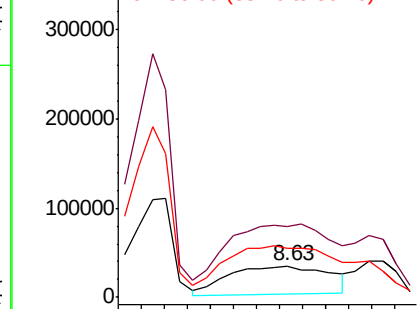
#35
Caprolactam
Concen: 16.786 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.06 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:113 Resp: 95168
Ion Ratio Lower Upper
113 100
55 225.1 218.4 258.4
56 156.3 148.9 188.9

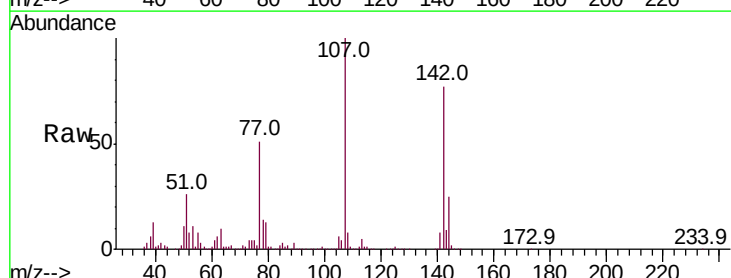


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

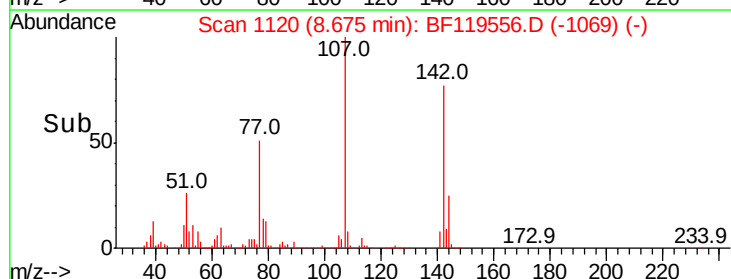
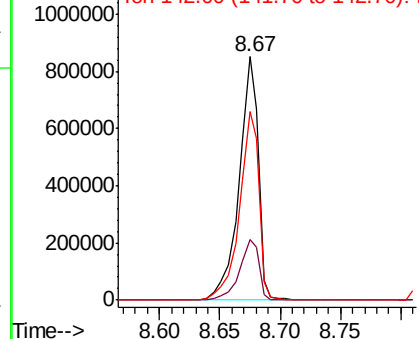


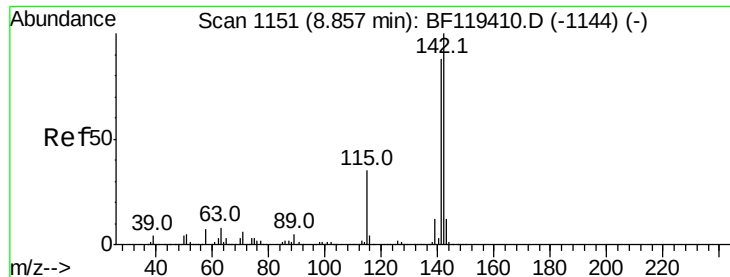
#36
4-Chloro-3-methylphenol
Concen: 49.992 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion:107 Resp: 946515
Ion Ratio Lower Upper
107 100
144 25.0 21.0 31.6
142 77.5 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.894 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.00 min

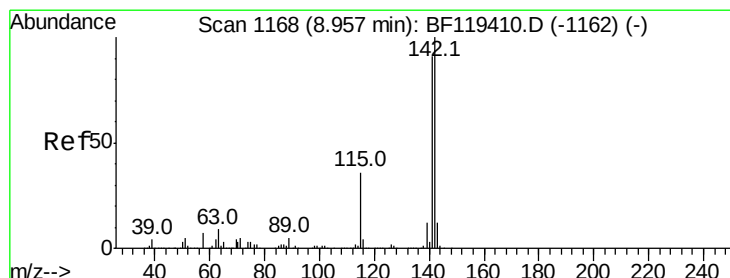
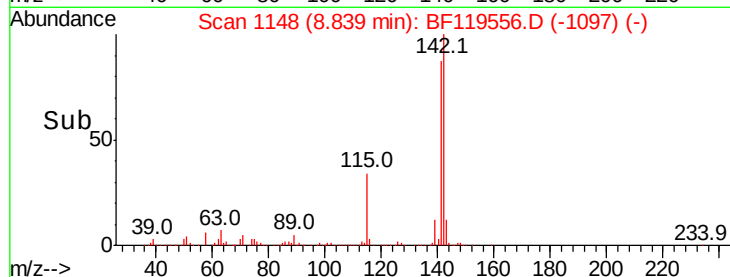
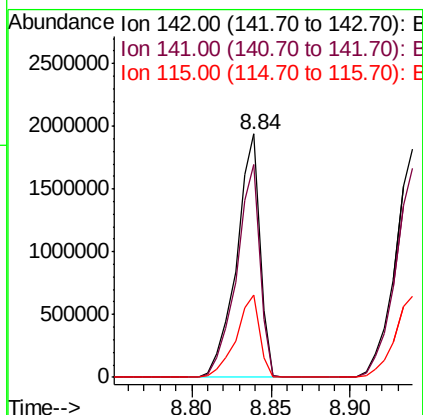
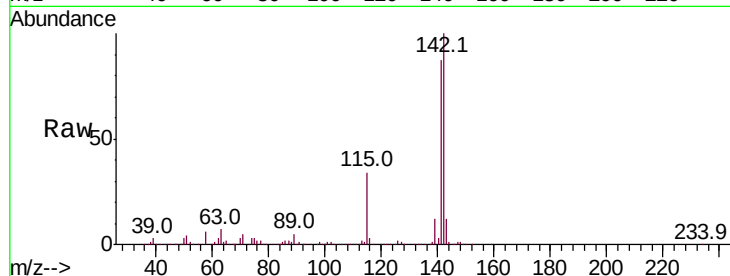
Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:142 Resp: 1984436

Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.7	107.5
115	34.0	27.9	41.9



#38

1-Methylnaphthalene

Concen: 49.379 ng

RT: 8.94 min Scan# 1165

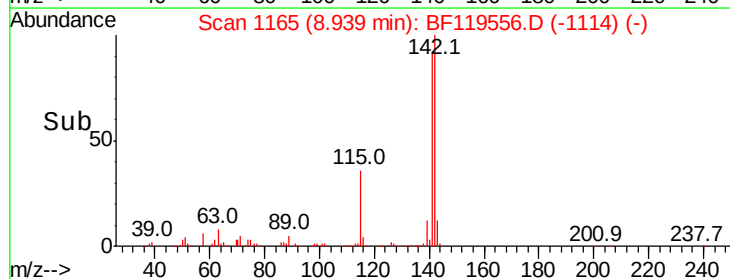
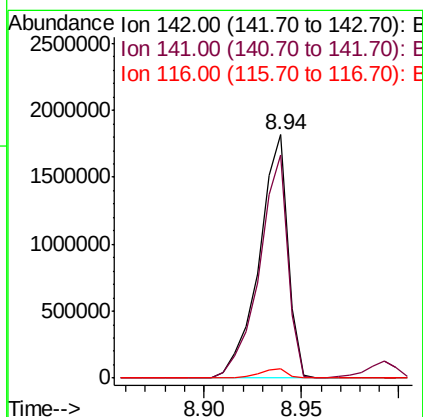
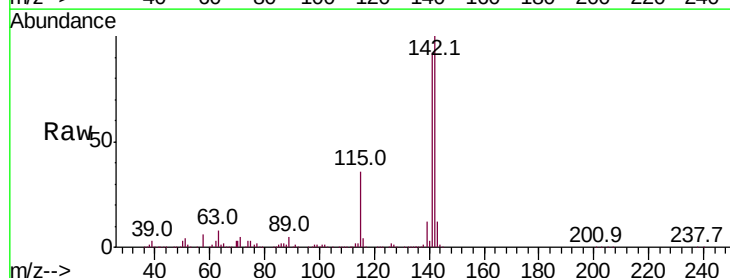
Delta R.T. -0.00 min

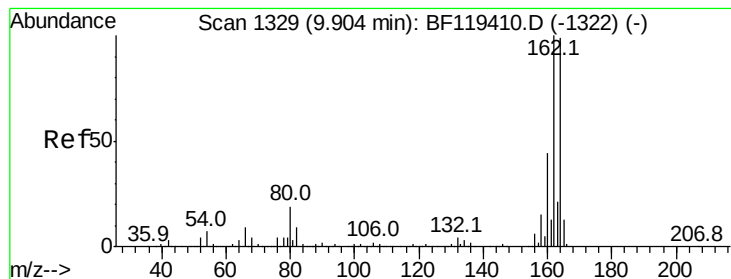
Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Tgt Ion:142 Resp: 1858896

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.7	110.5
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

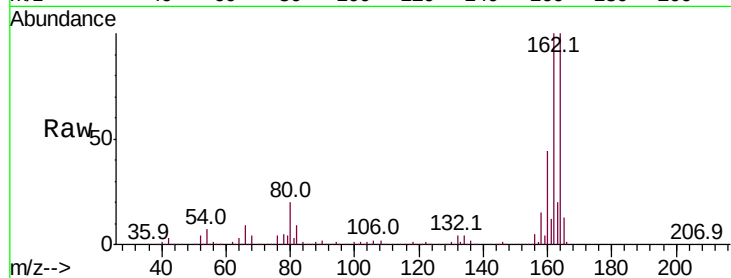
Tot Ion:164 Resp: 640700

Ion Ratio Lower Upper

164 100

162 100.1 80.6 121.0

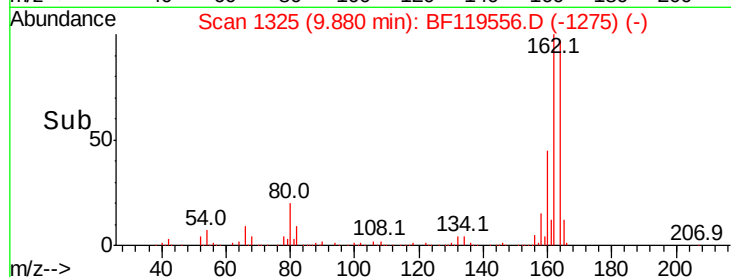
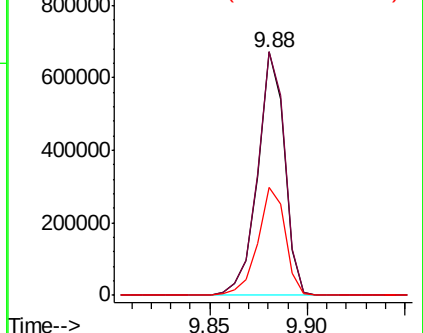
160 44.4 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.004 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Tgt Ion:216 Resp: 845156

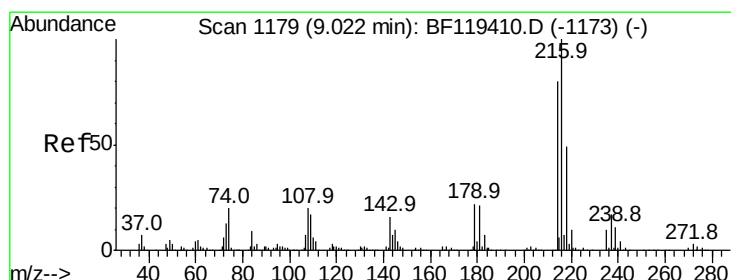
Ion Ratio Lower Upper

216 100

214 79.2 63.2 94.8

179 21.4 17.1 25.7

108 20.9 15.1 22.7

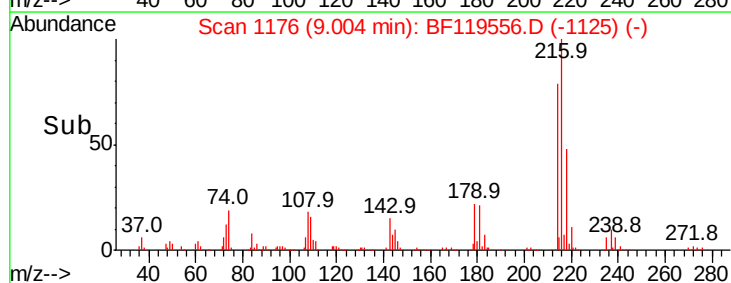
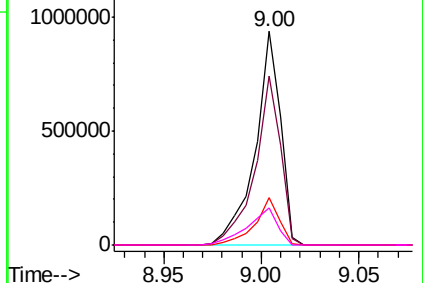


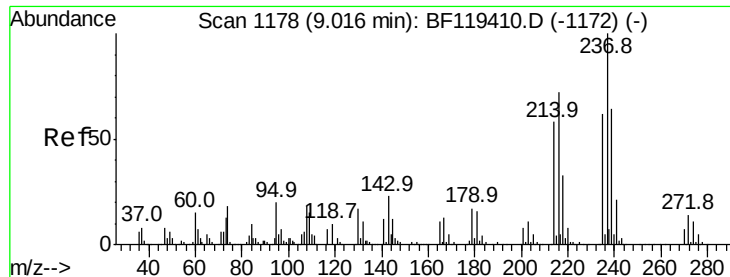
Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.775 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

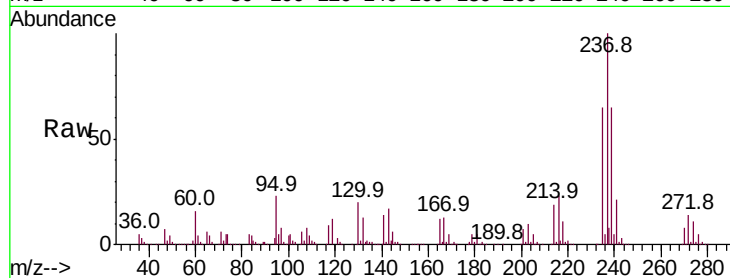
Tot Ion:237 Resp: 1011848

Ion Ratio Lower Upper

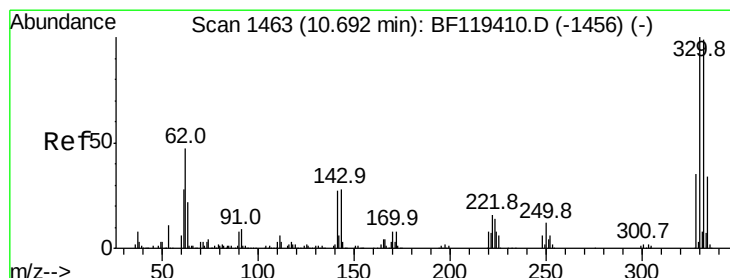
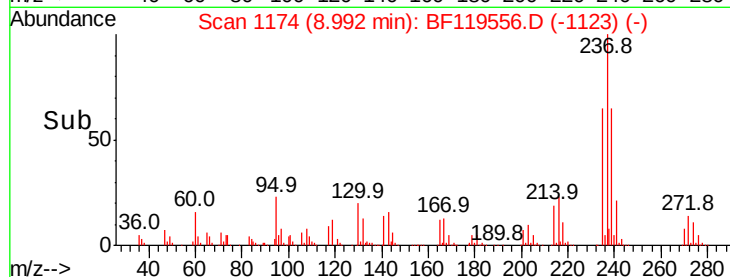
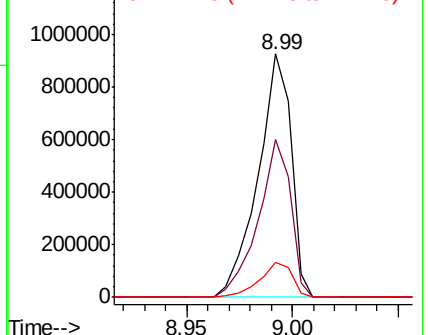
237 100

235 64.7 43.2 83.2

272 14.1 0.0 34.1



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: 136.303 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

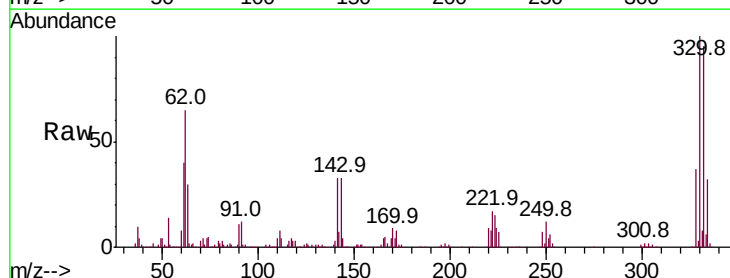
Tgt Ion:330 Resp: 900948

Ion Ratio Lower Upper

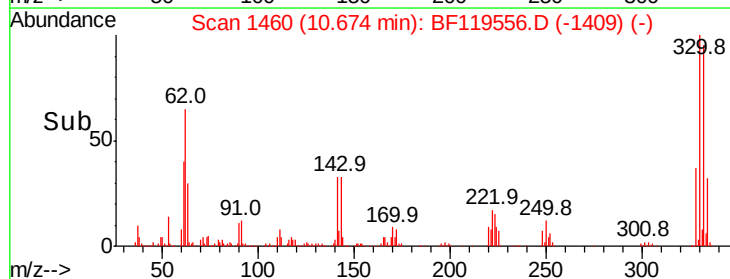
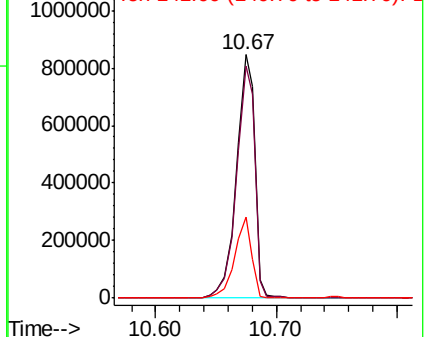
330 100

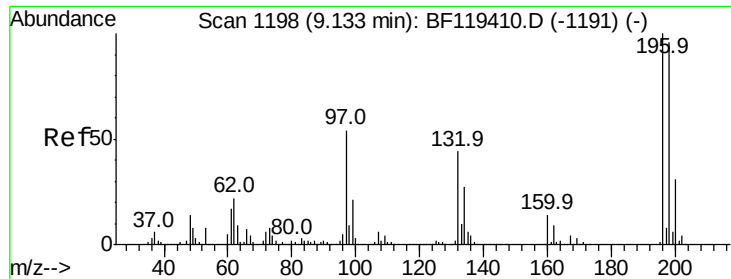
332 95.7 75.7 113.5

141 31.0 25.4 38.0



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

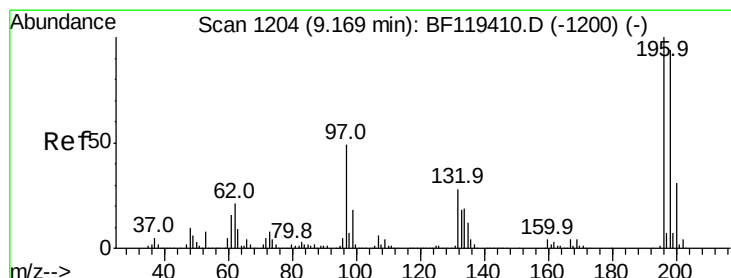
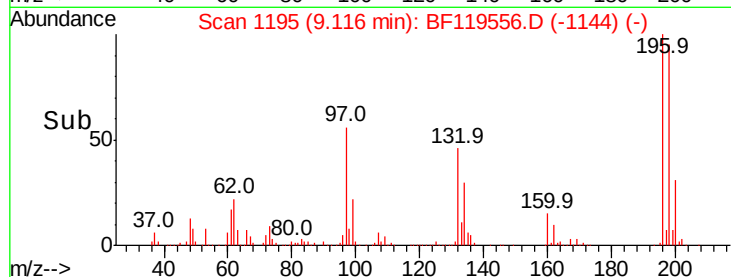
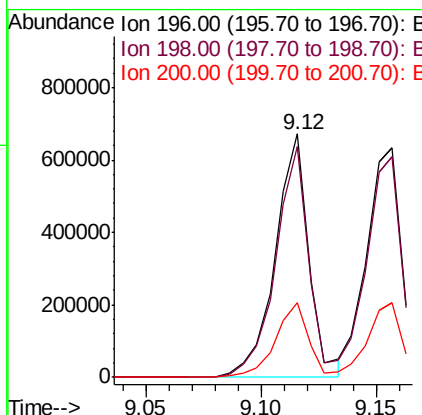
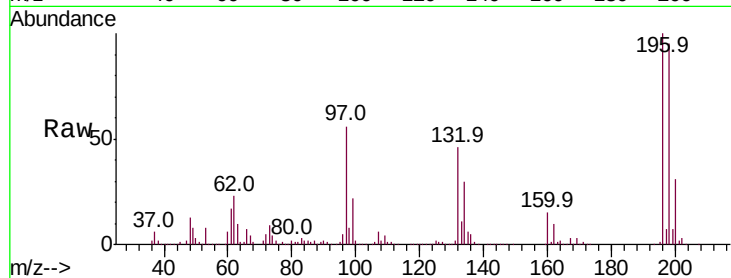




#43
 2,4,6-Trichlorophenol
 Concen: 50.212 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

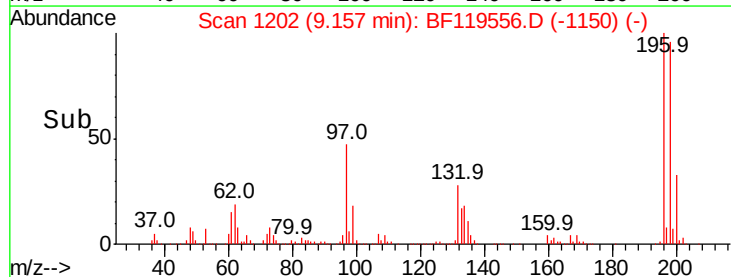
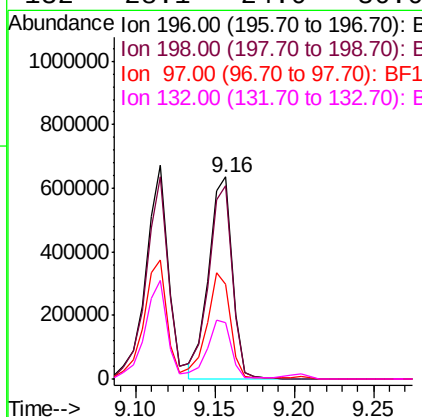
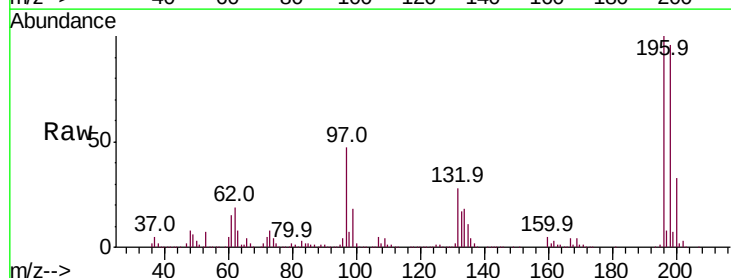
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

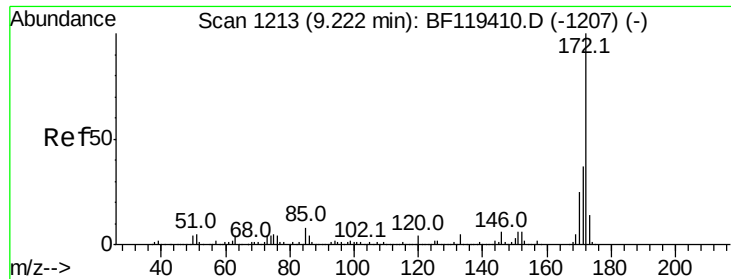
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.6	115.0
200	30.7	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 44.228 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	73.8	110.8
97	46.9	42.6	63.8
132	28.1	24.0	36.0

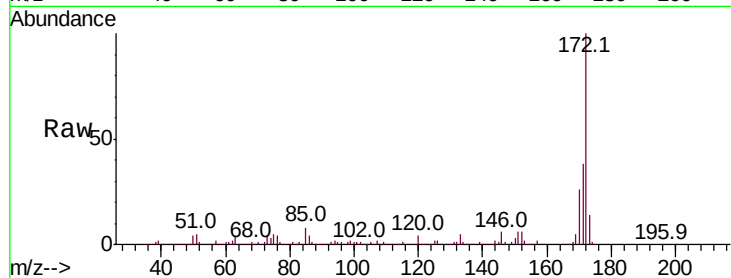




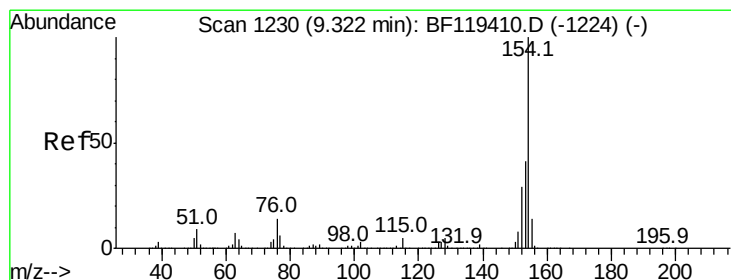
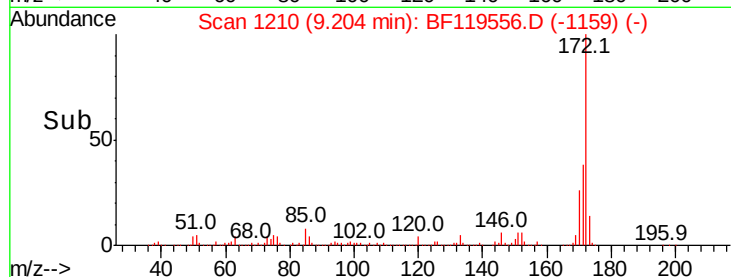
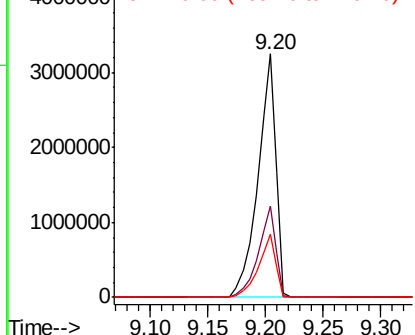
#45
2-Fluorobiphenyl
Concen: 81.316 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:172 Resp: 3516720
Ion Ratio Lower Upper
172 100
171 37.8 29.6 44.4
170 25.7 20.2 30.2

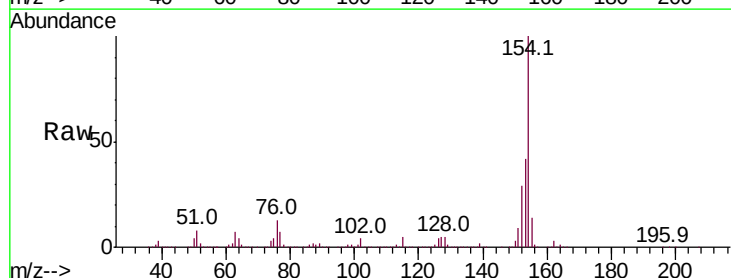


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

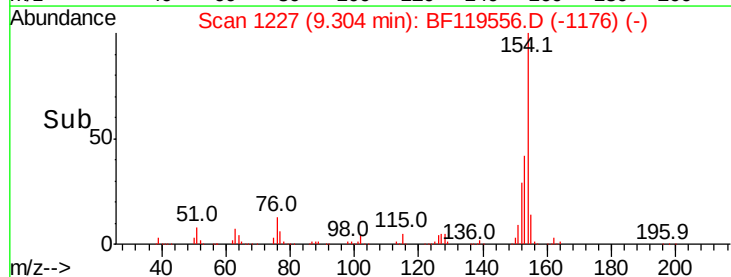
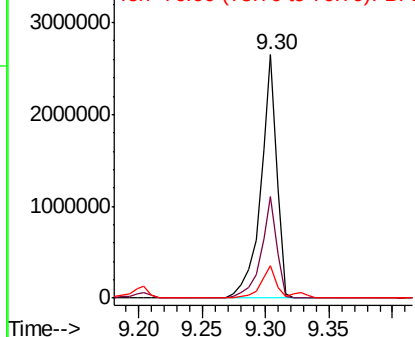


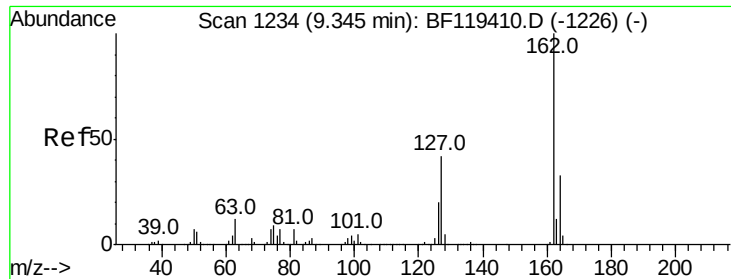
#46
1,1'-Biphenyl
Concen: 44.890 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion:154 Resp: 2342444
Ion Ratio Lower Upper
154 100
153 41.7 21.4 61.4
76 13.4 0.0 33.0



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: 45.092 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

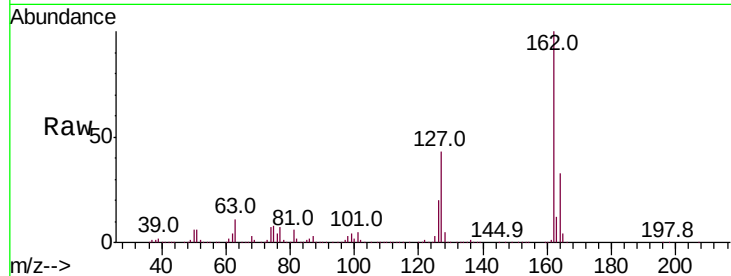
Tot Ion:162 Resp: 1843106

Ion Ratio Lower Upper

162 100

127 42.5 33.7 50.5

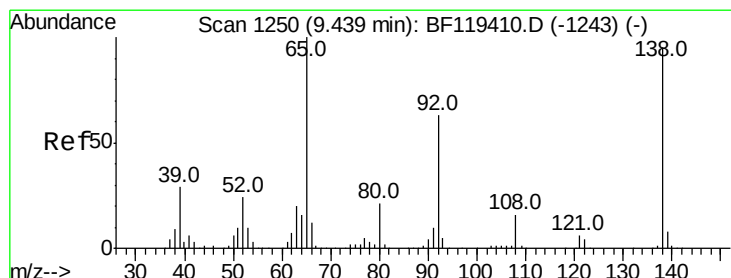
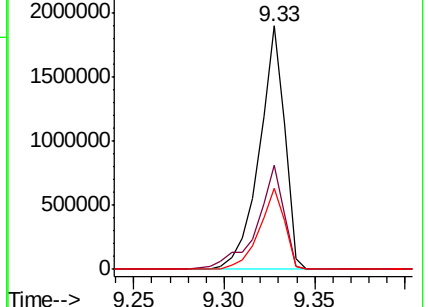
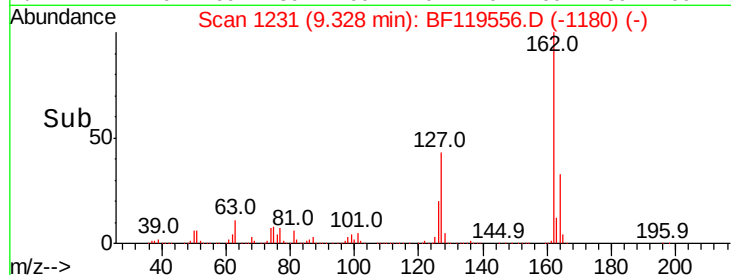
164 33.5 26.3 39.5



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: 48.173 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

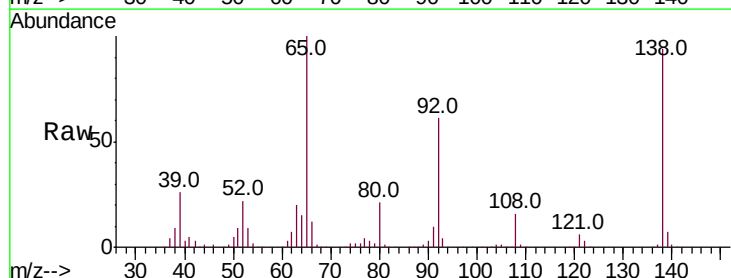
Tgt Ion: 65 Resp: 679642

Ion Ratio Lower Upper

65 100

92 60.8 50.0 75.0

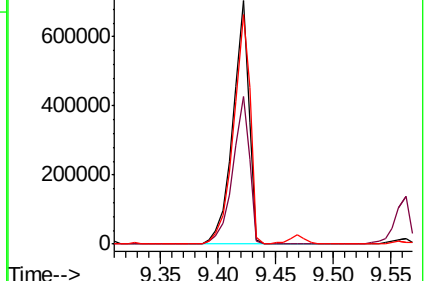
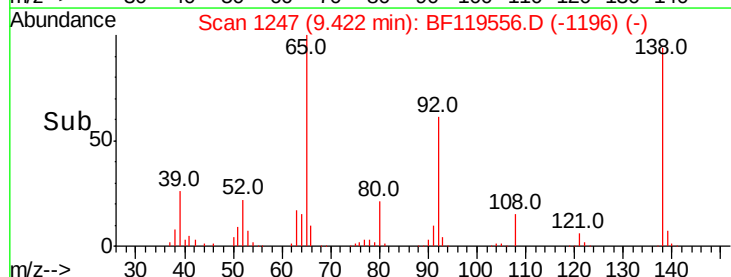
138 94.2 75.0 112.4

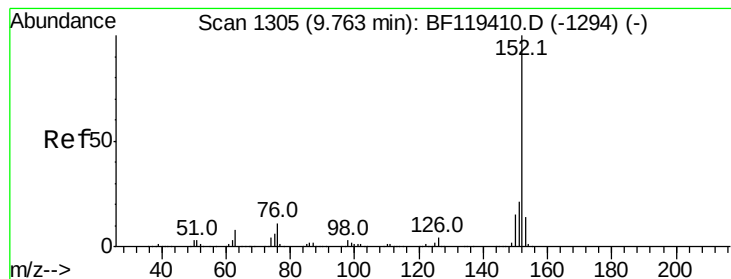


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.789 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

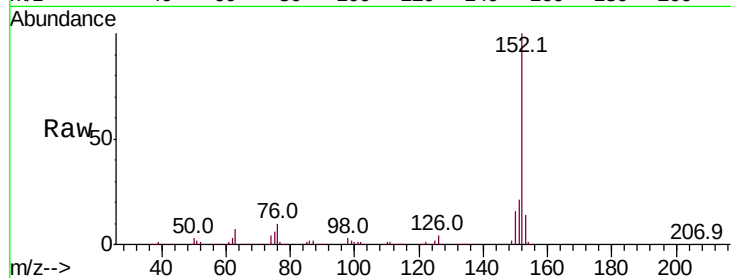
Tot Ion:152 Resp: 2874884

Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

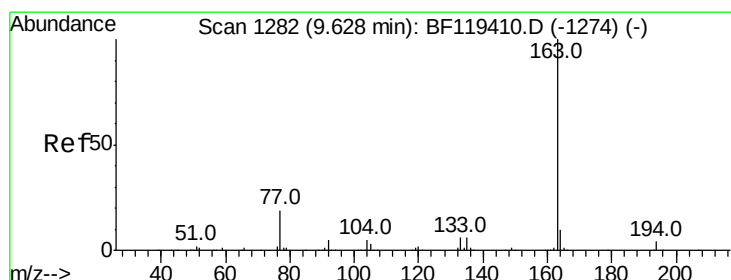
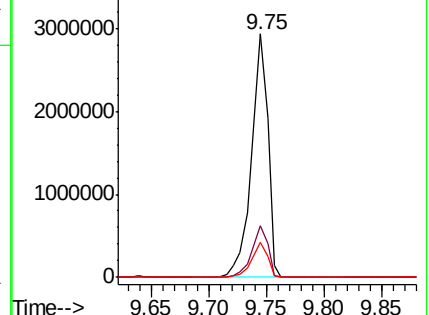
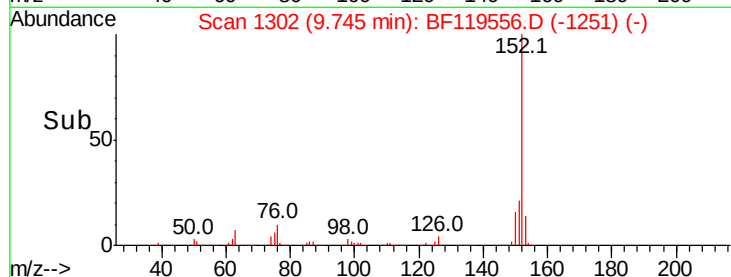
153 14.3 11.2 16.8



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: 51.524 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

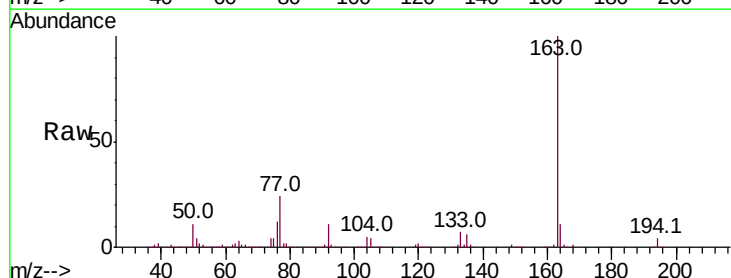
Tgt Ion:163 Resp: 2344831

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

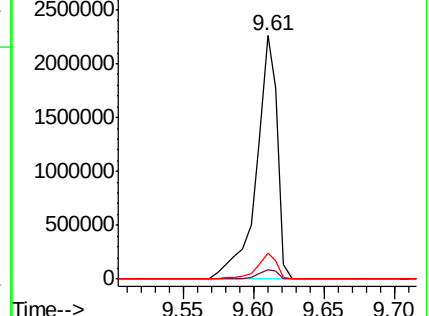
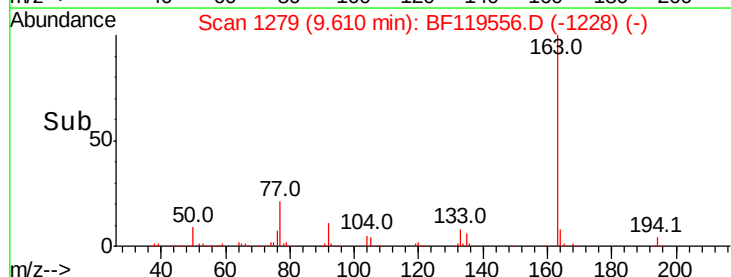
164 10.8 8.2 12.2

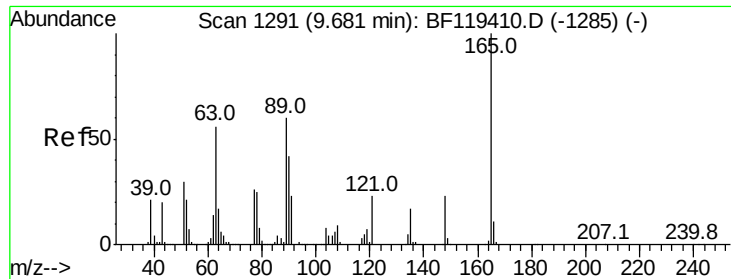


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

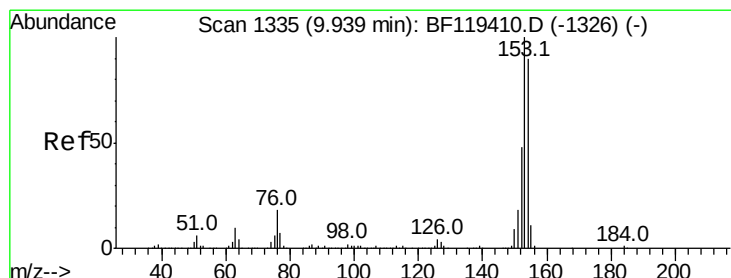
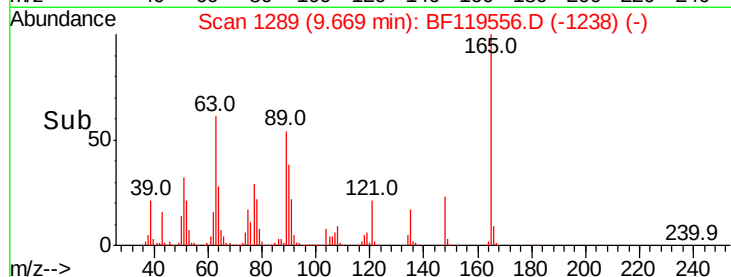
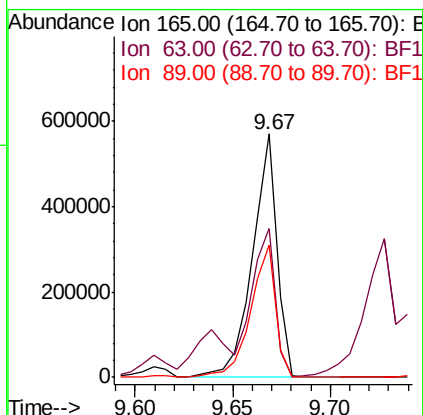
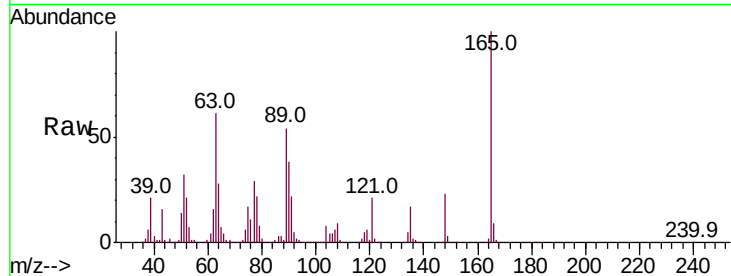




#51
 2,6-Dinitrotoluene
 Concen: 51.063 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

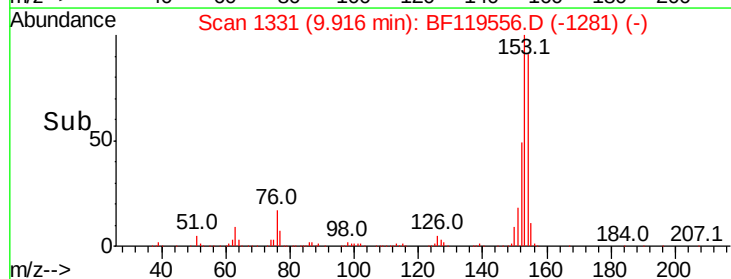
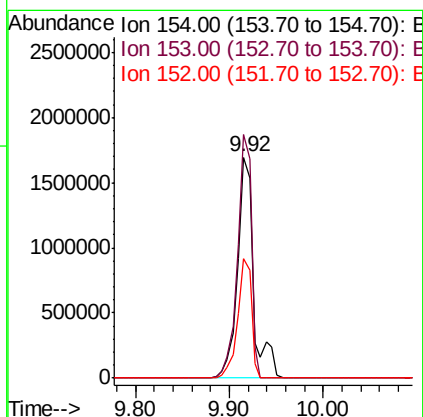
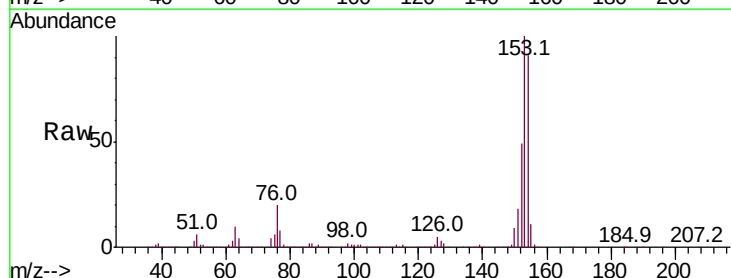
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

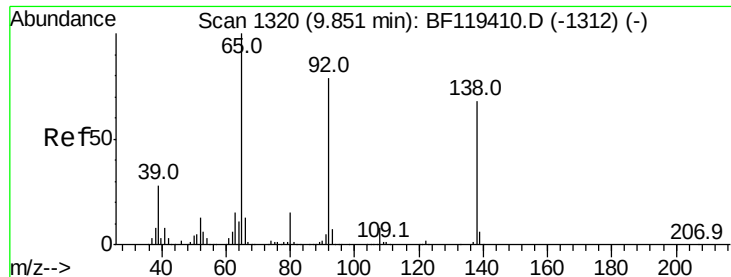
Tot Ion	Ratio	Lower	Upper
165	100		
63	61.2	45.0	67.4
89	54.5	41.5	62.3



#52
 Acenaphthene
 Concen: 50.341 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.2	88.1	132.1
152	54.4	43.0	64.4

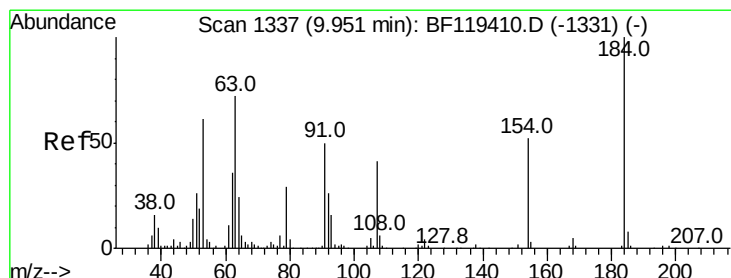
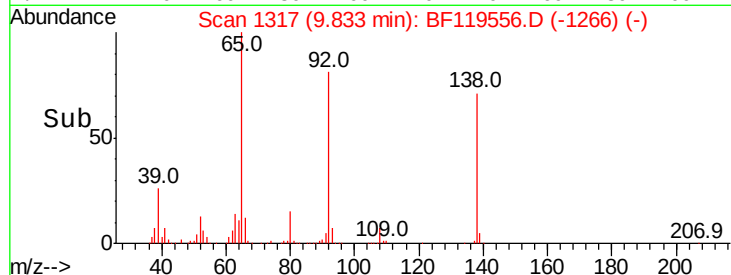
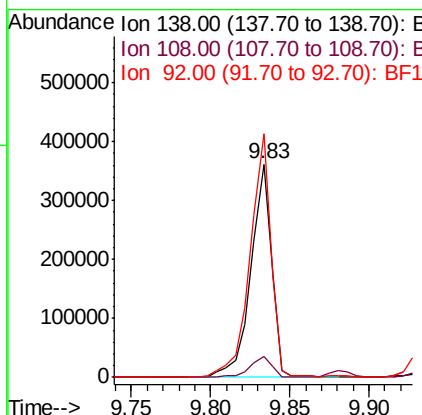
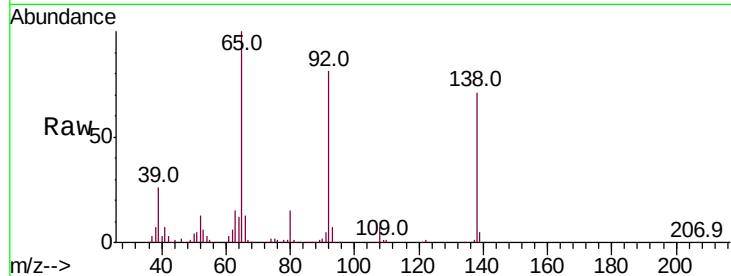




#53
3-Nitroaniline
Concen: 26.759 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

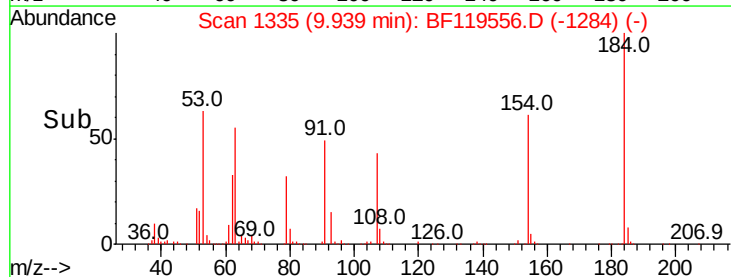
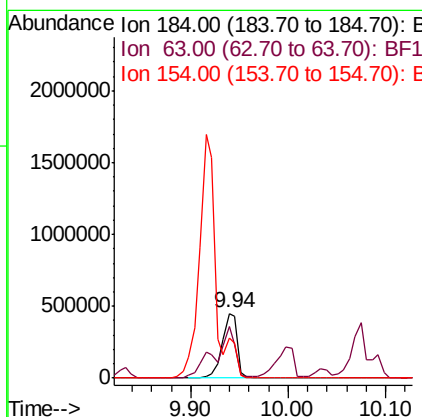
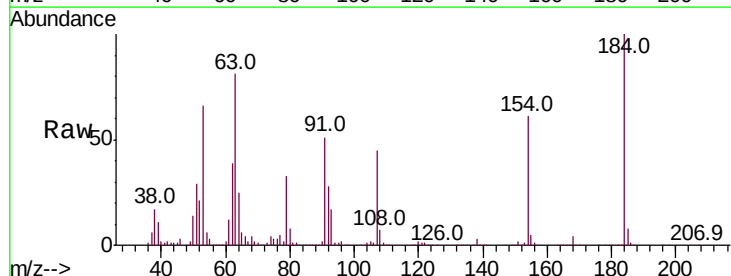
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

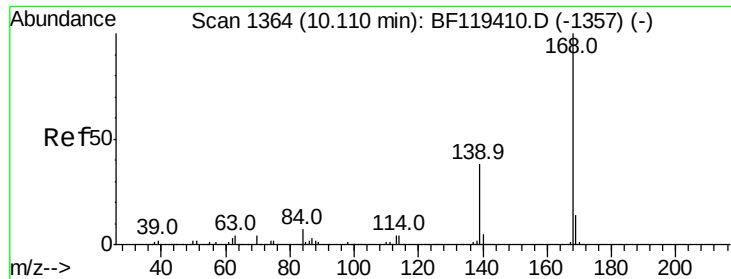
Tot Ion:138 Resp: 329537
Ion Ratio Lower Upper
138 100
108 9.6 8.6 13.0
92 114.3 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 110.421 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion:184 Resp: 478914
Ion Ratio Lower Upper
184 100
63 80.6 50.2 75.4#
154 61.4 44.5 66.7

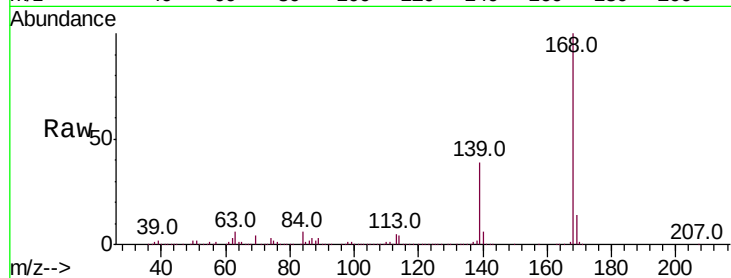




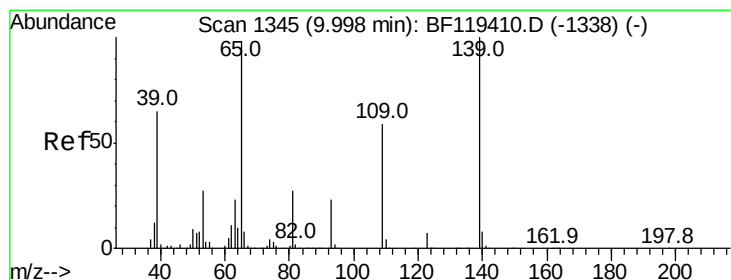
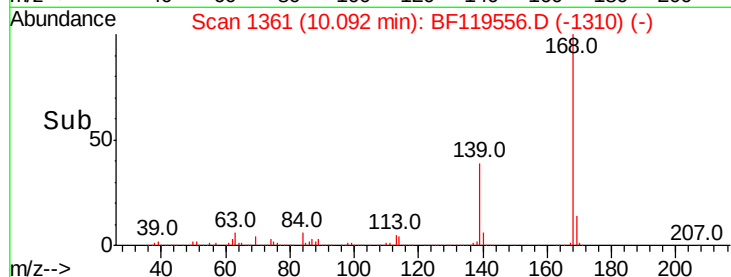
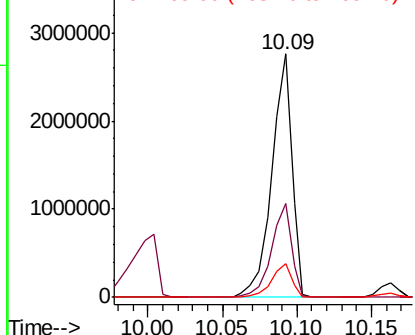
#55
Dibenzofuran
Concen: 45.002 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:168 Resp: 2581860
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 14.1 11.0 16.6

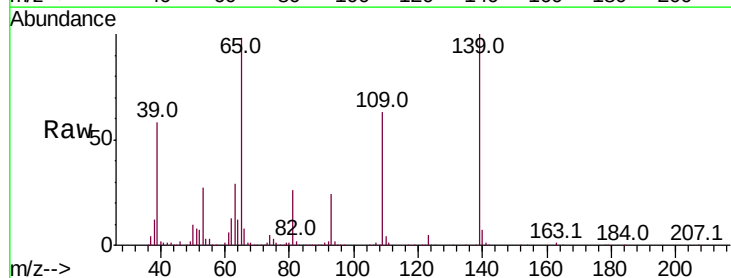


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

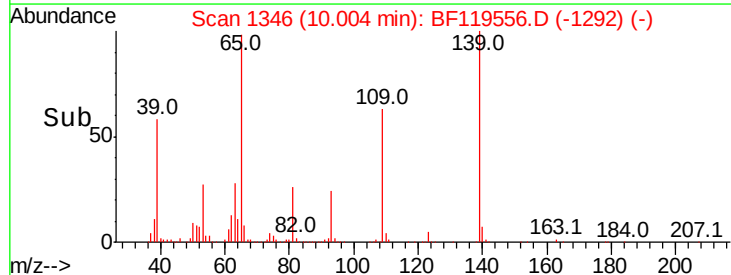
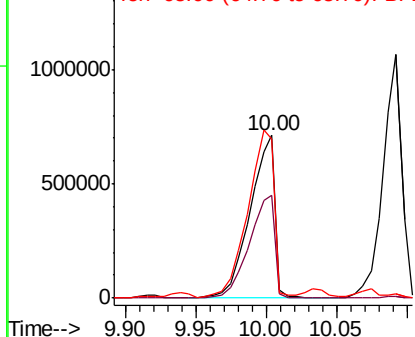


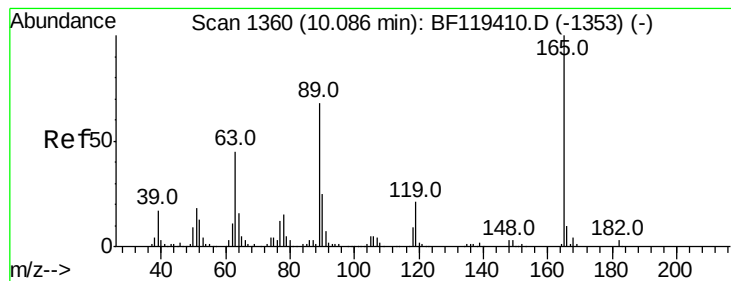
#56
4-Nitrophenol
Concen: 90.153 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion:139 Resp: 875837
Ion Ratio Lower Upper
139 100
109 63.0 43.3 83.3
65 97.7 91.0 131.0



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: 53.369 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:165 Resp: 655811

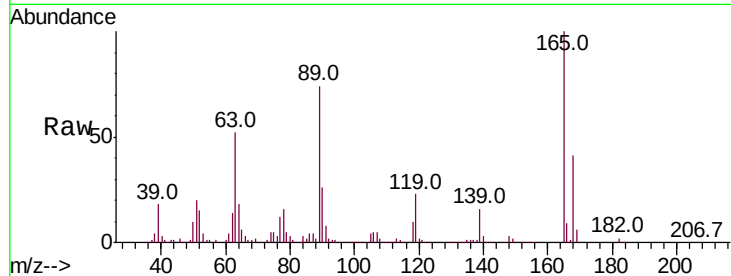
Ion Ratio Lower Upper

165 100

63 52.5 42.6 64.0

89 74.3 61.0 91.4

182 2.5 2.2 3.2

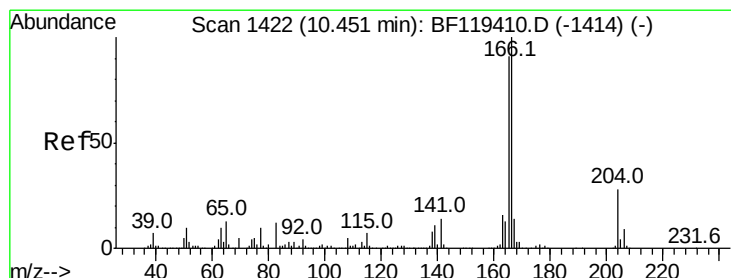
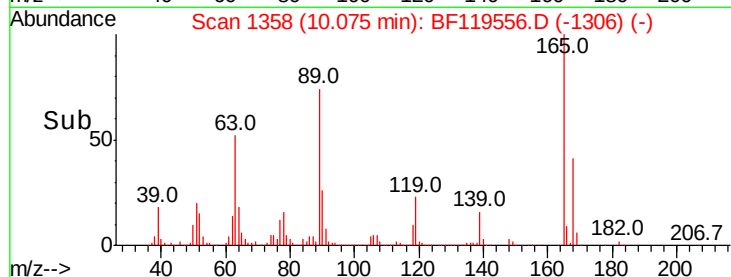
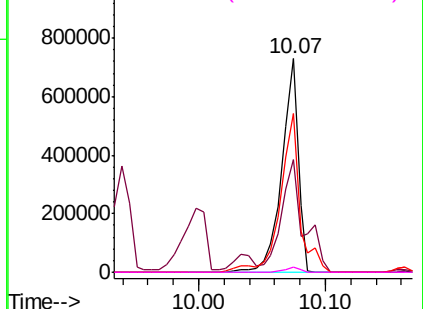


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 47.087 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

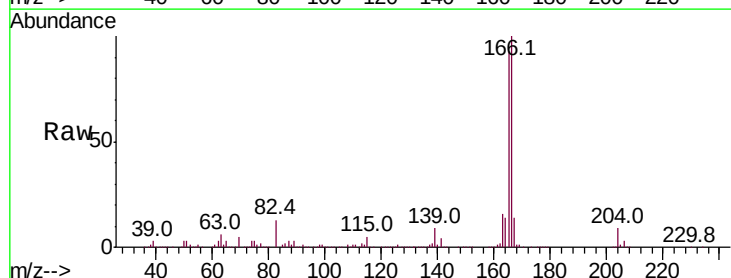
Tgt Ion:166 Resp: 1997708

Ion Ratio Lower Upper

166 100

165 93.4 75.4 113.2

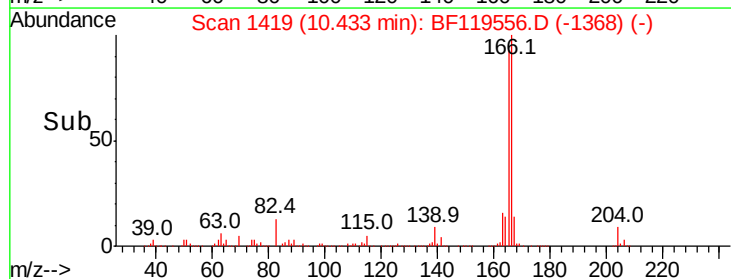
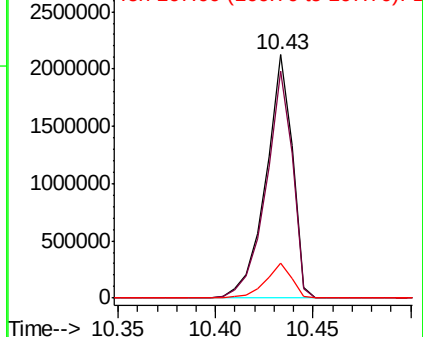
167 14.3 11.2 16.8

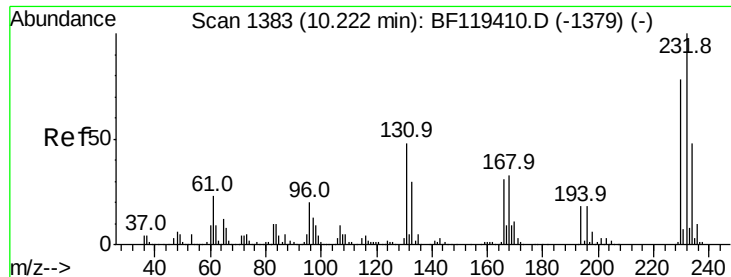


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

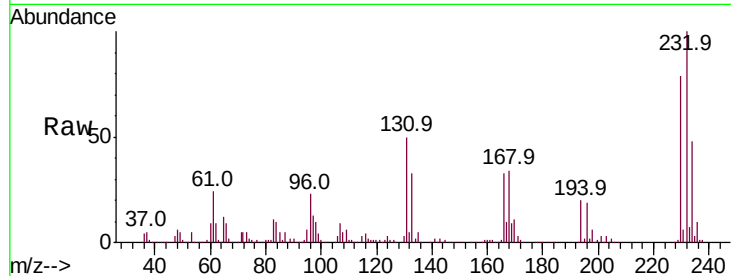




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.044 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.4	37.5	56.3
130	2.3	1.8	2.6
166	31.6	24.6	36.8



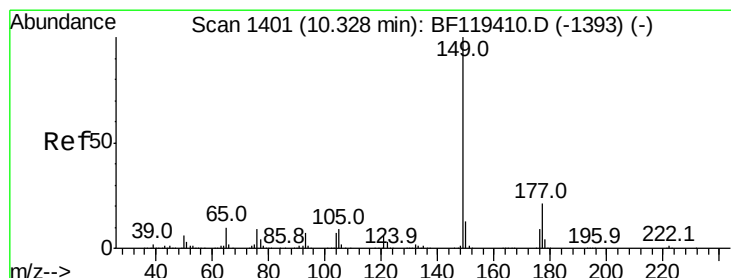
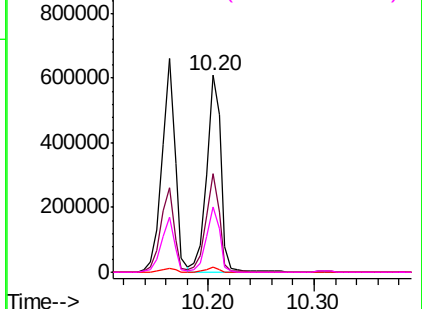
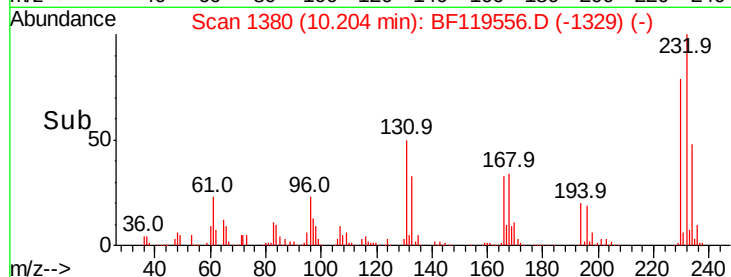
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

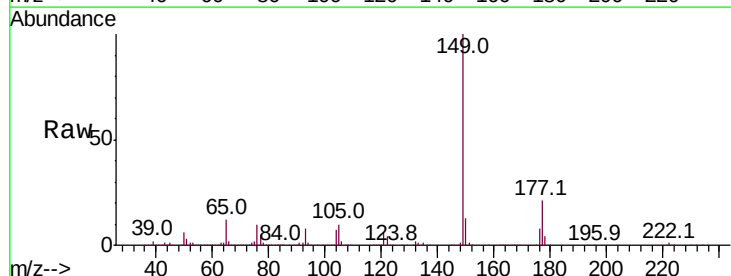
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 49.155 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.6
150	13.0	10.1	15.1

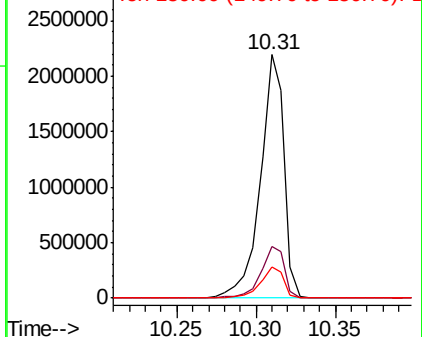
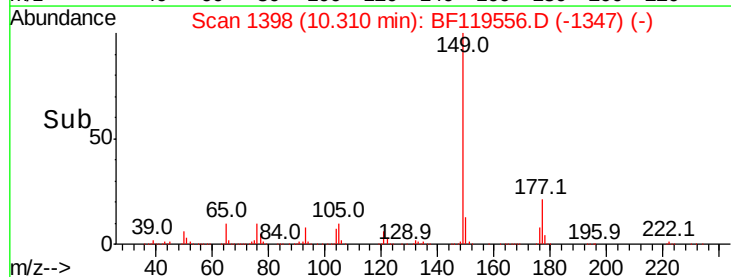


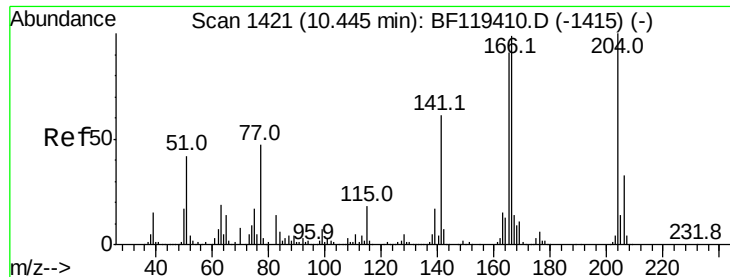
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

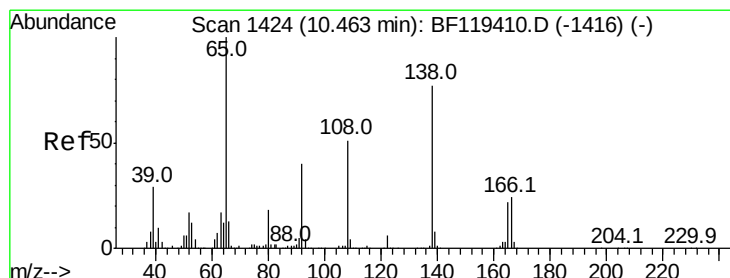
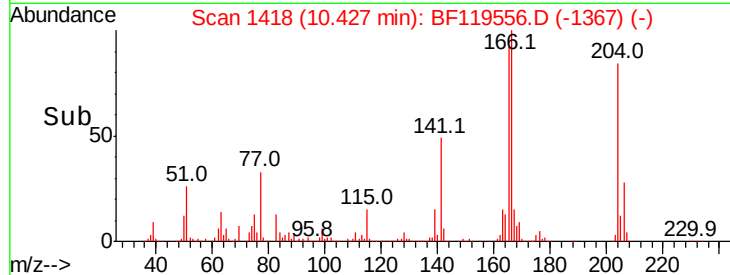
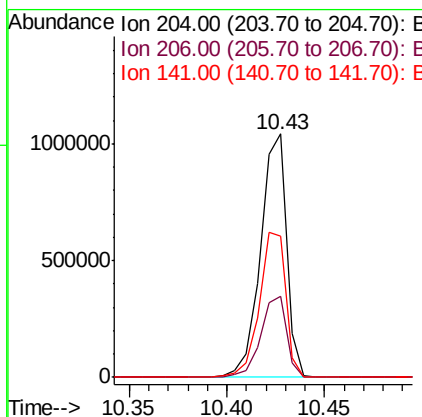
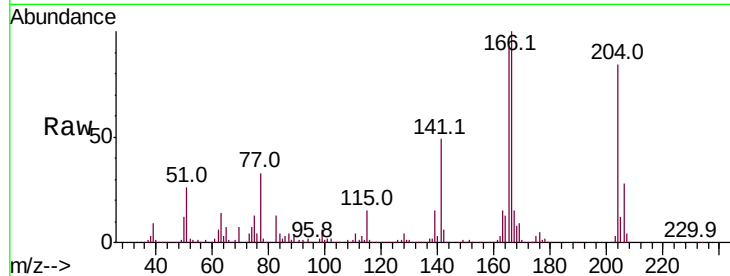




#61
 4-Chlorophenyl-phenylether
 Concen: 46.444 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

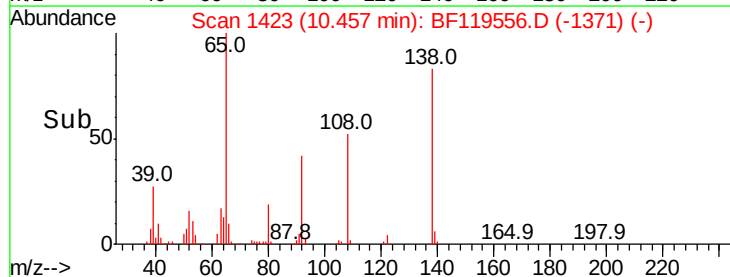
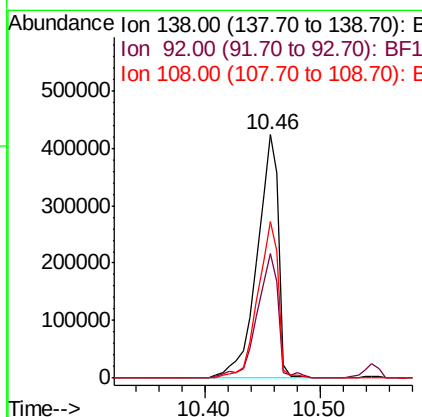
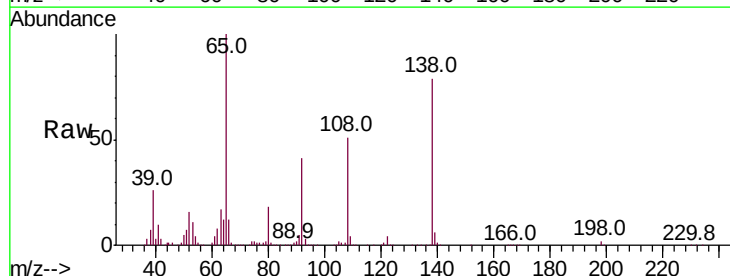
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

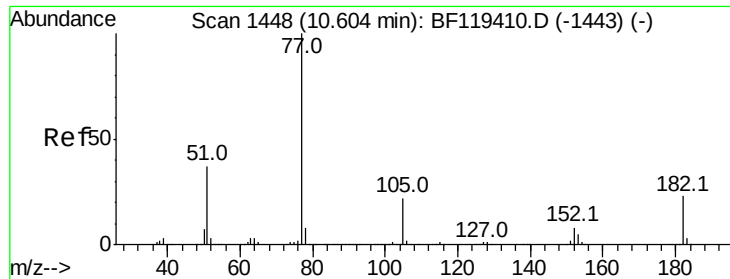
Tot Ion:	204	Resp:	963579
Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.7	40.1
141	57.9	47.3	70.9



#62
 4-Nitroaniline
 Concen: 46.553 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Tgt Ion:	138	Resp:	549761
Ion	Ratio	Lower	Upper
138	100		
92	51.4	31.5	71.5
108	64.5	45.8	85.8





#63

Azobenzene

Concen: 46.025 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion: 77 Resp: 2140779

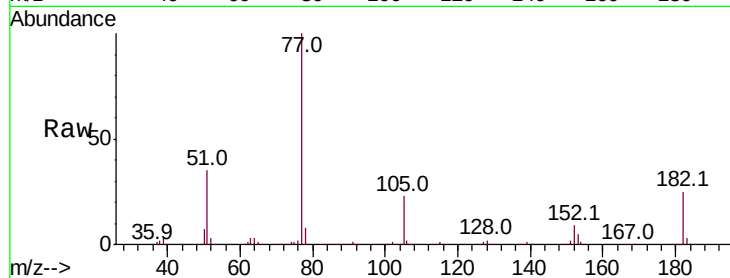
Ion Ratio Lower Upper

77 100

182 25.3 4.4 44.4

105 23.1 2.6 42.6

51 34.7 15.1 55.1

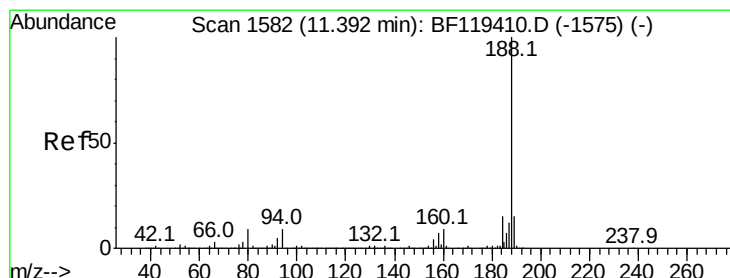
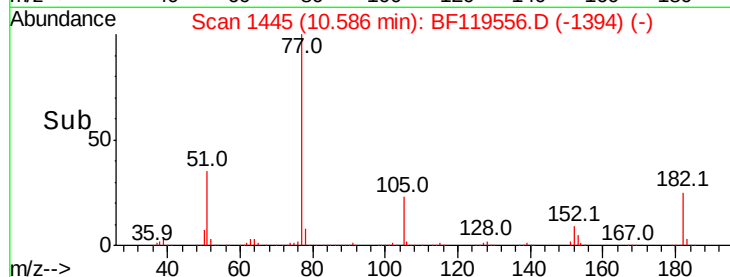
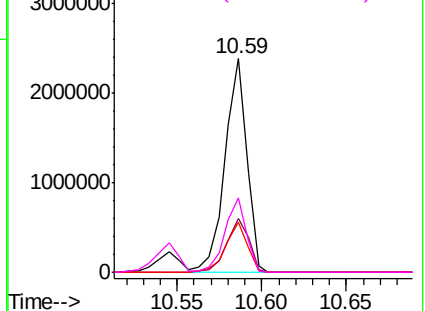


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

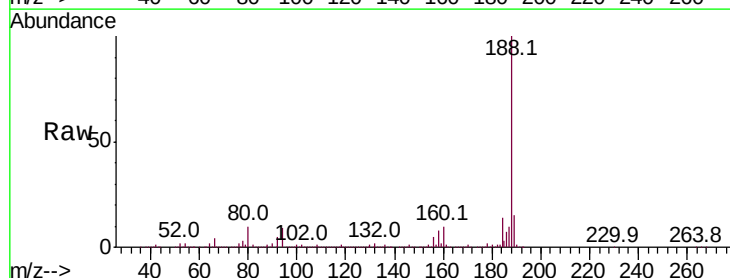
Tgt Ion: 188 Resp: 1218050

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

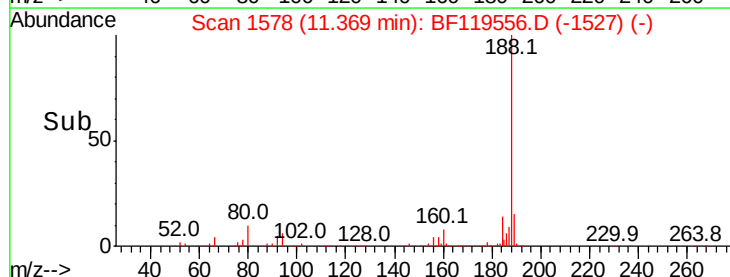
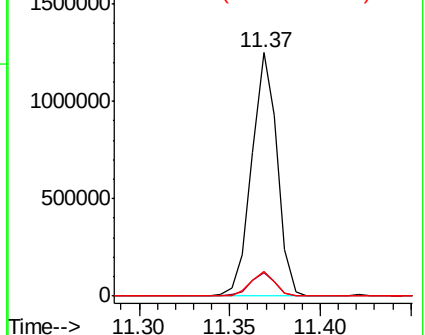
80 10.2 9.0 13.4

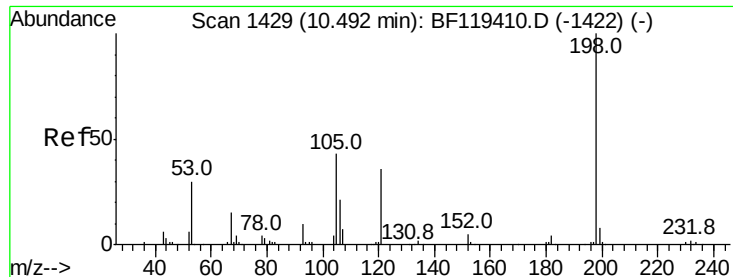


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

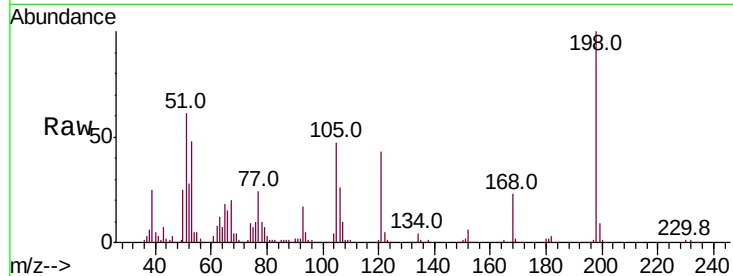




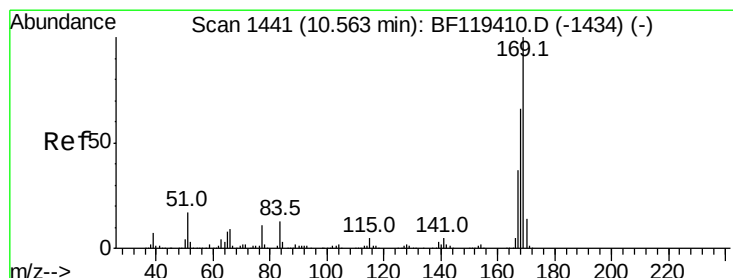
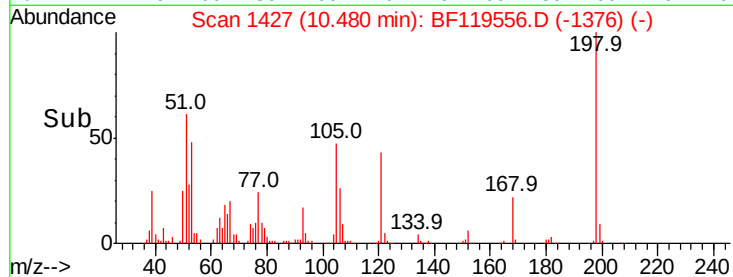
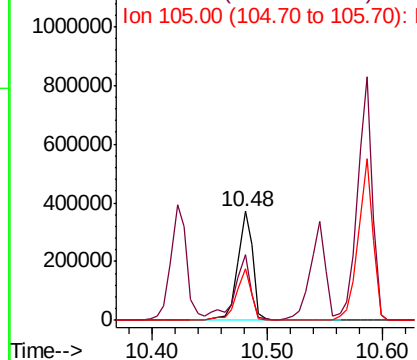
#65
 4,6-Dinitro-2-methylphenol
 Concen: 65.501 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:198 Resp: 334555
 Ion Ratio Lower Upper
 198 100
 51 60.8 29.0 69.0
 105 47.1 22.2 62.2

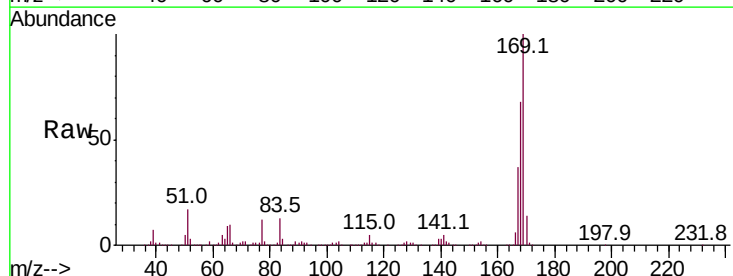


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

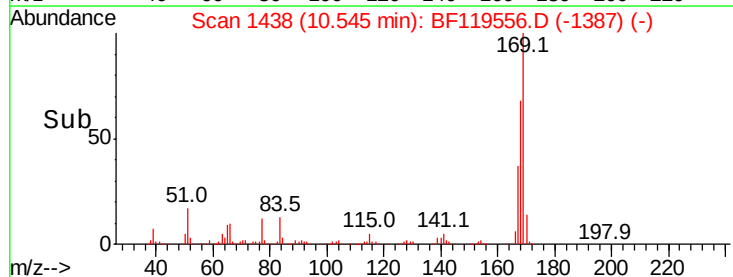
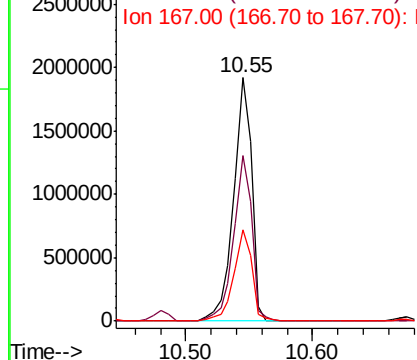


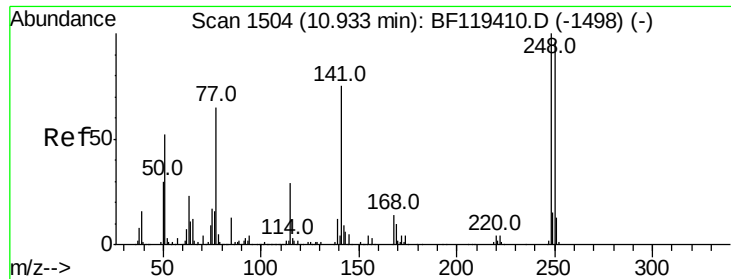
#66
 n-Nitrosodiphenylamine
 Concen: 46.818 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Tgt Ion:169 Resp: 1872081
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.2 79.8
 167 37.5 29.1 43.7



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

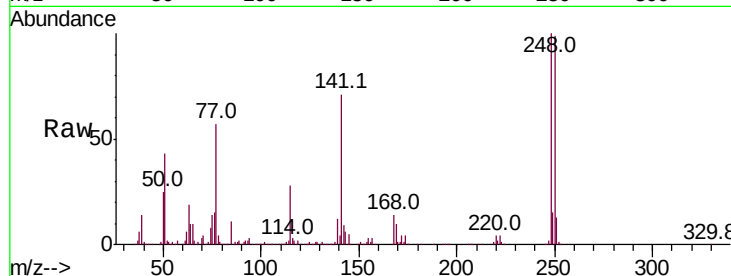




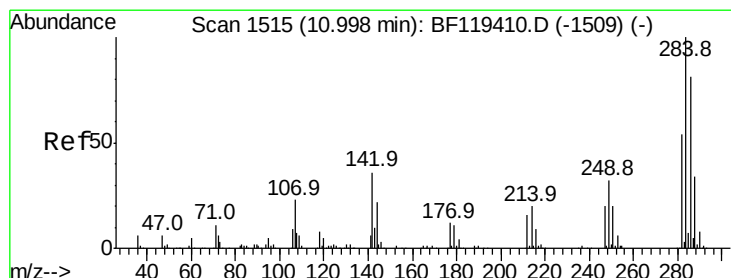
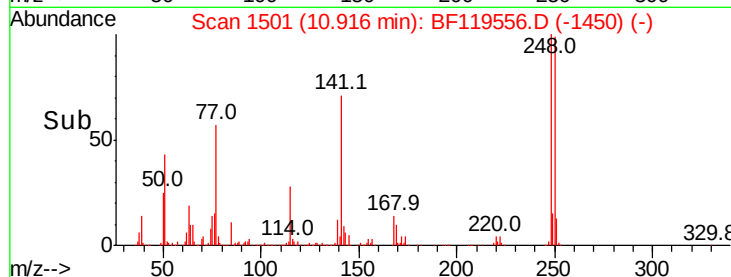
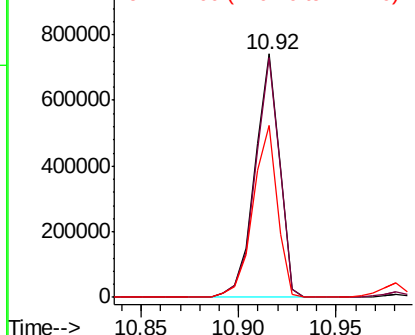
#67
4-Bromophenyl-phenylether
Concen: 46.659 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:248 Resp: 647249
Ion Ratio Lower Upper
248 100
250 98.5 77.3 115.9
141 70.7 58.6 87.8

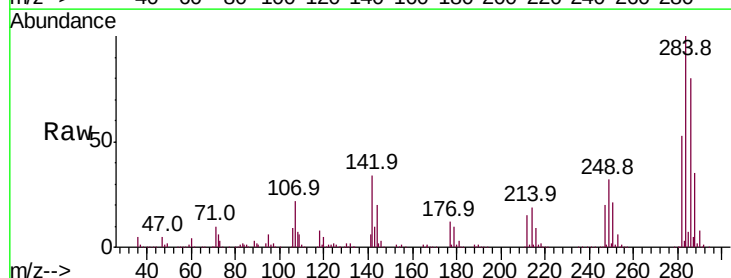


Abundance Ion 248.00 (247.70 to 248.70): E
1000000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

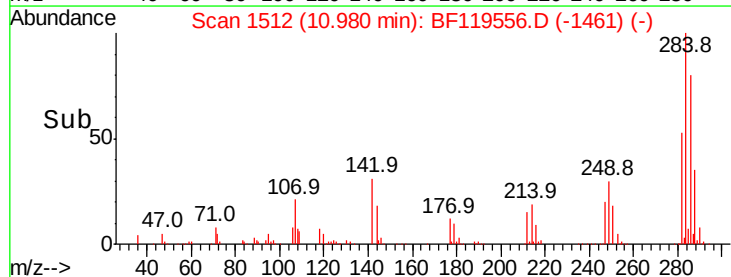
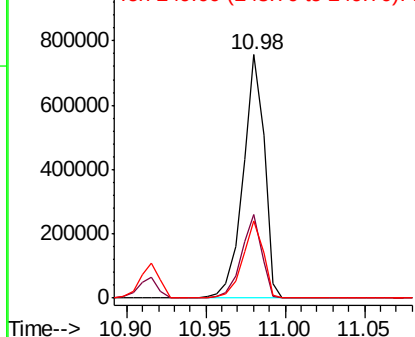


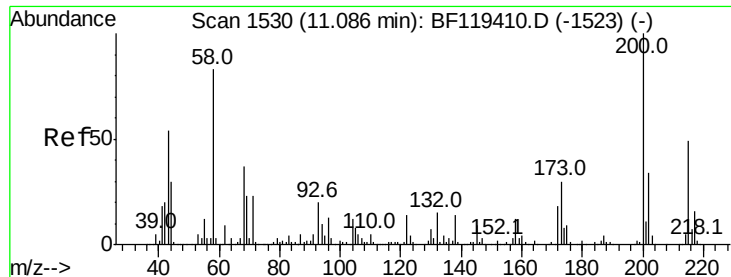
#68
Hexachlorobenzene
Concen: 48.740 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion:284 Resp: 691997
Ion Ratio Lower Upper
284 100
142 34.2 29.2 43.8
249 31.8 25.1 37.7



Abundance Ion 283.80 (283.50 to 284.50): E
1000000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 53.003 ng

RT: 11.07 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

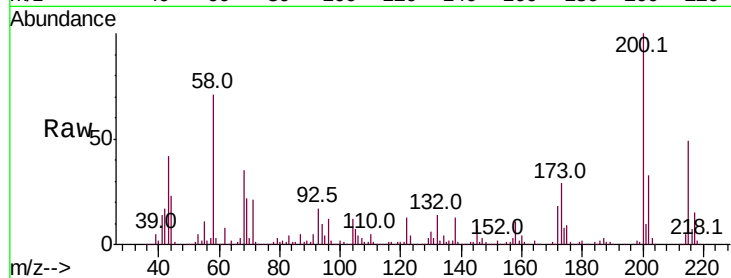
Tot Ion:200 Resp: 581035

Ion Ratio Lower Upper

200 100

173 28.7 9.3 49.3

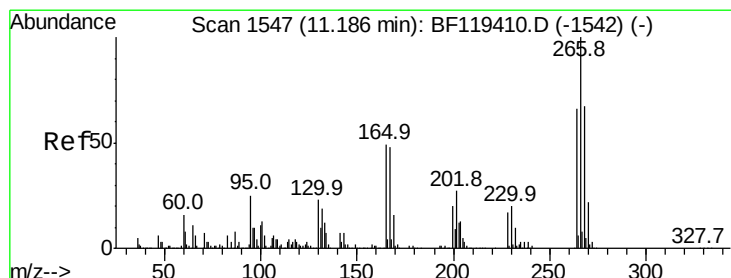
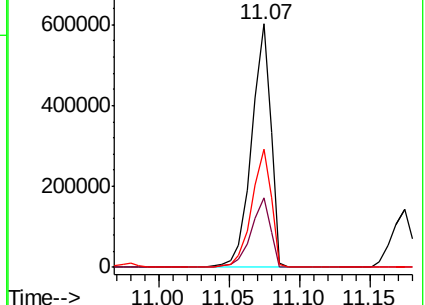
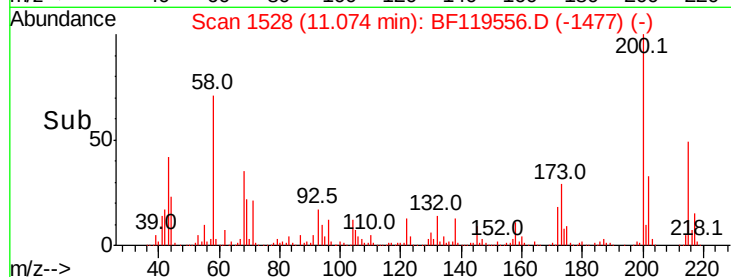
215 48.7 29.5 69.5



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: 93.758 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

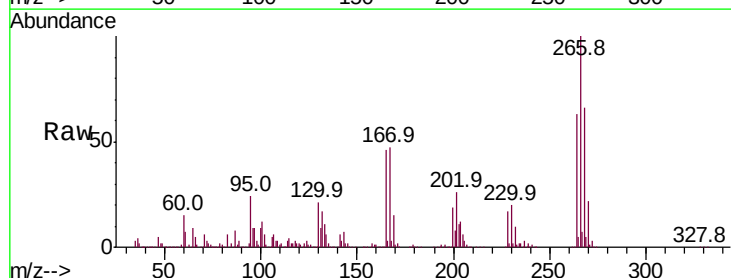
Tgt Ion:266 Resp: 780529

Ion Ratio Lower Upper

266 100

268 66.4 53.3 79.9

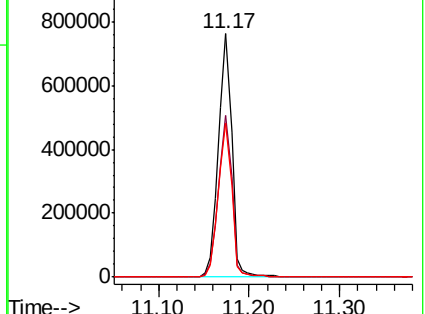
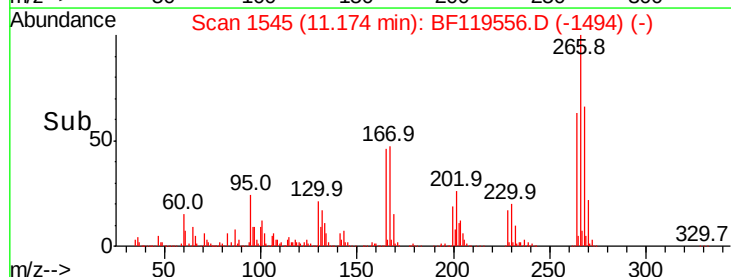
264 63.4 49.0 73.4

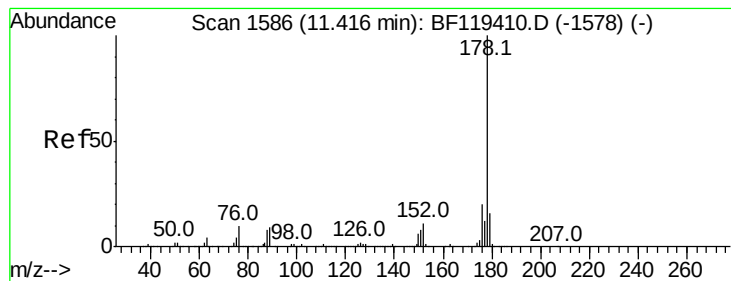


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.843 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

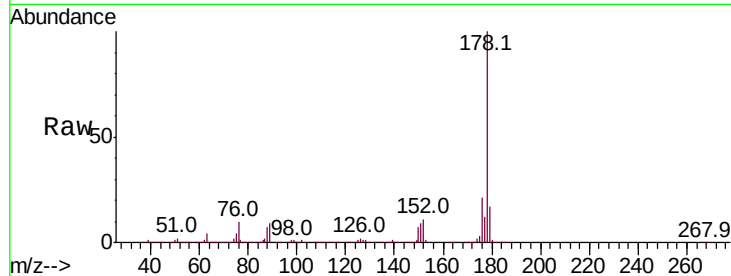
Tot Ion:178 Resp: 2832273

Ion Ratio Lower Upper

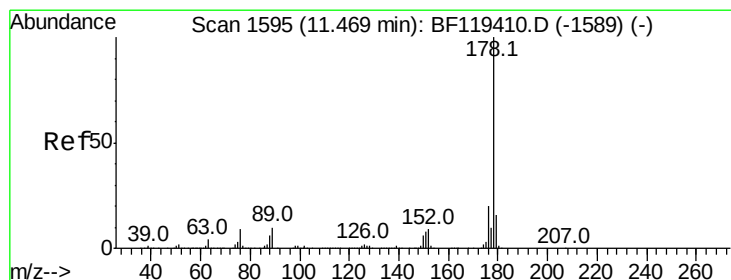
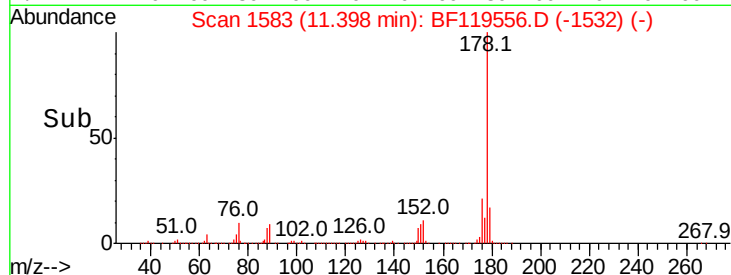
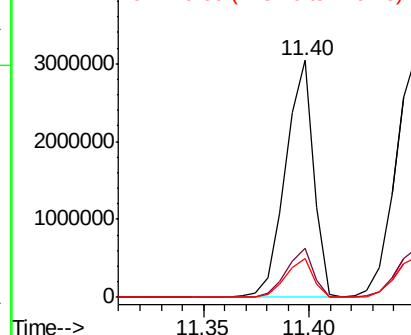
178 100

176 21.0 16.2 24.4

179 16.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.041 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

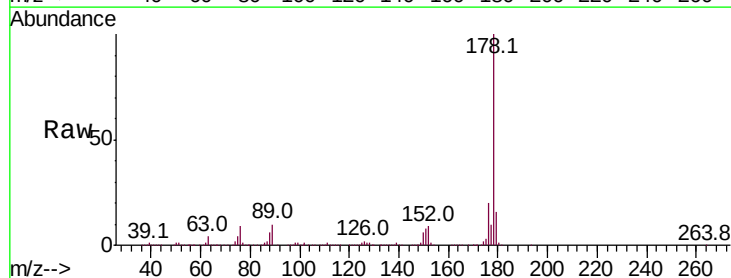
Tgt Ion:178 Resp: 2955446

Ion Ratio Lower Upper

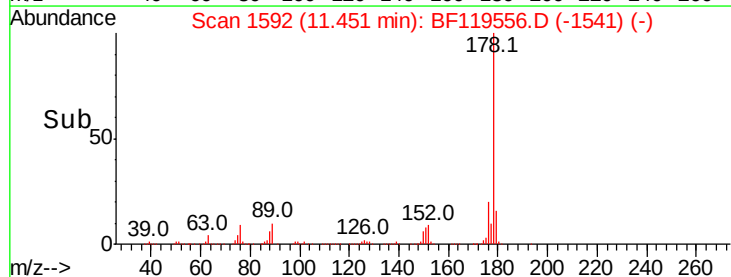
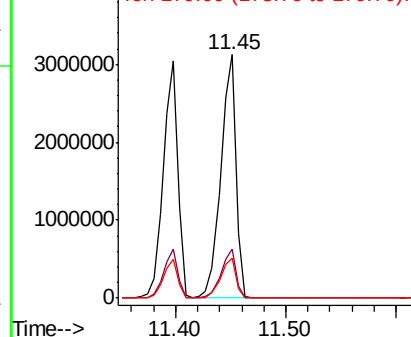
178 100

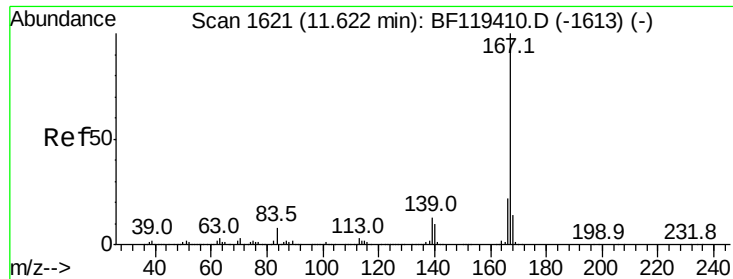
176 20.2 16.1 24.1

179 16.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

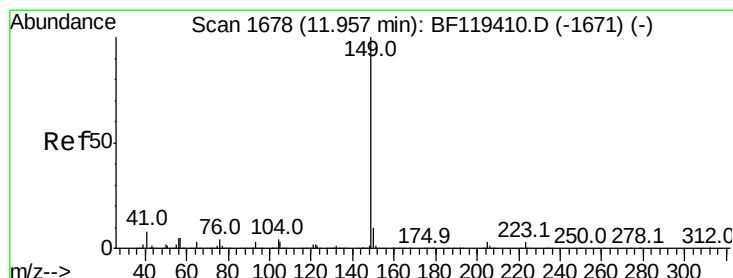
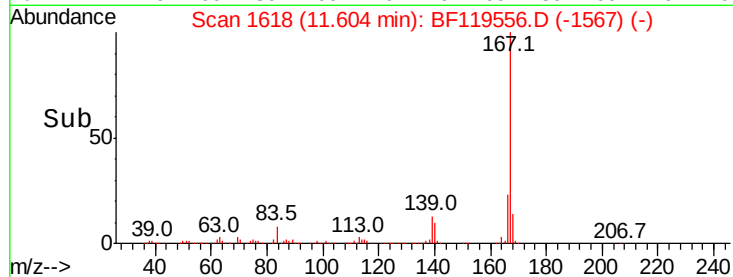
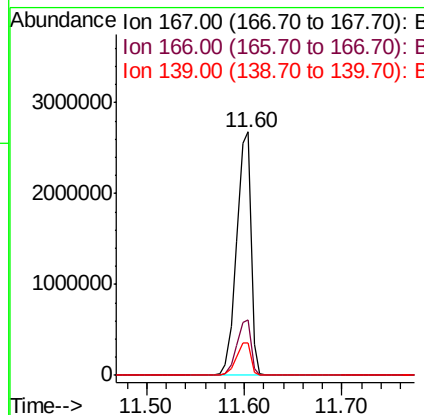
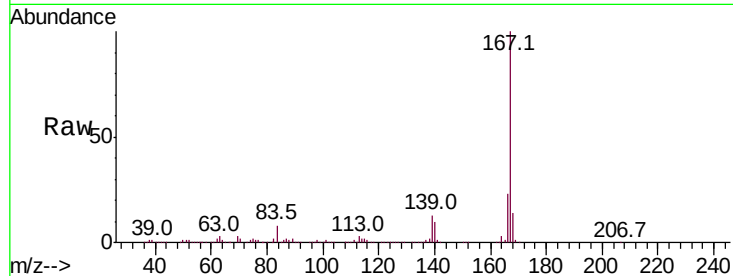




#73
 Carbazole
 Concen: 43.332 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

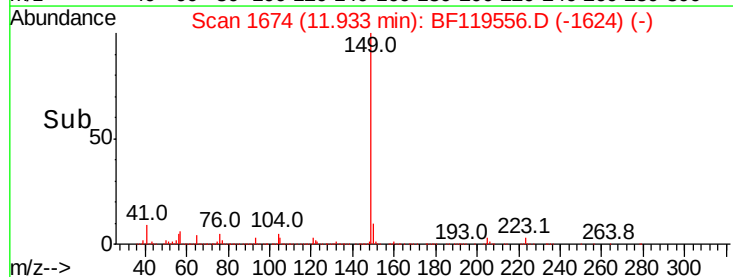
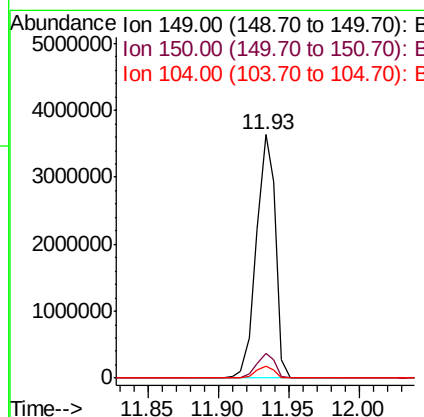
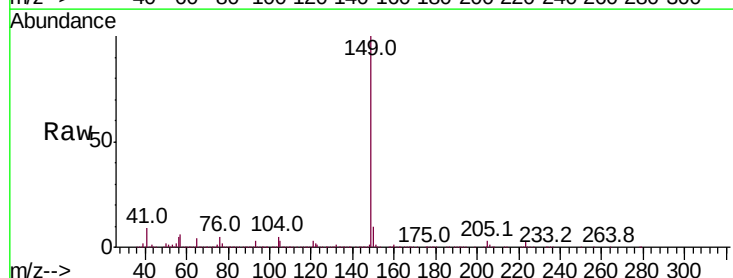
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

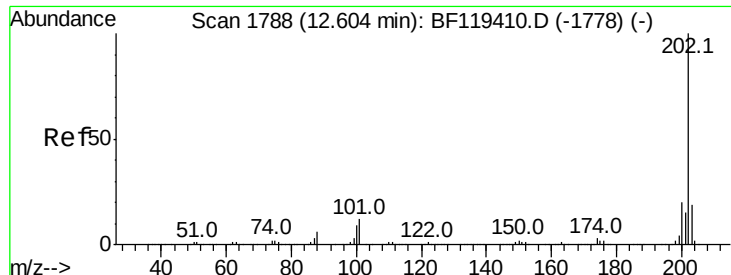
Tot Ion:167 Resp: 2753167
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.4
 139 13.1 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 50.963 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Tgt Ion:149 Resp: 3463807
 Ion Ratio Lower Upper
 149 100
 150 10.4 7.8 11.8
 104 5.1 3.6 5.4

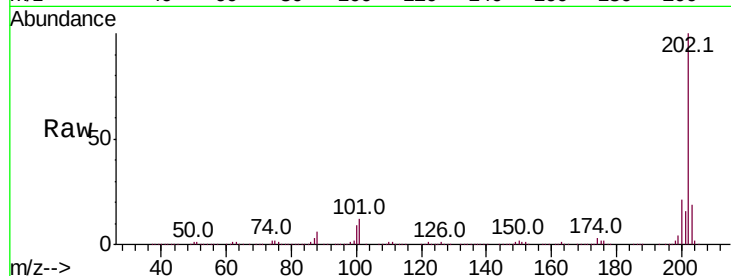




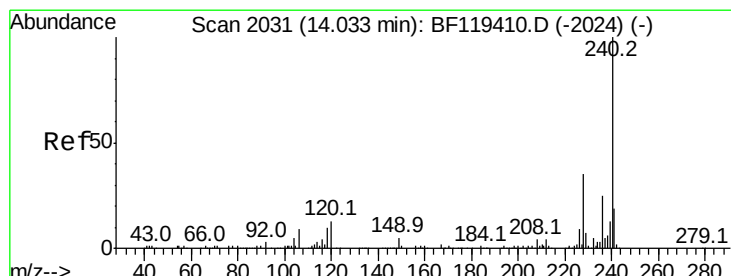
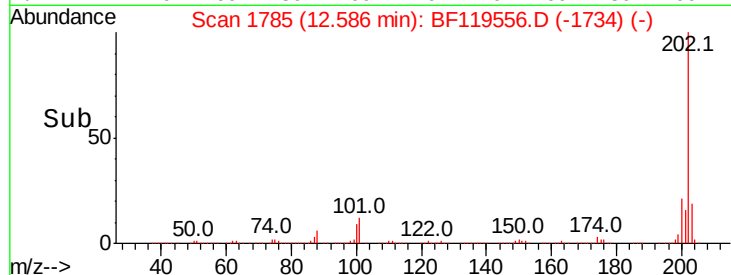
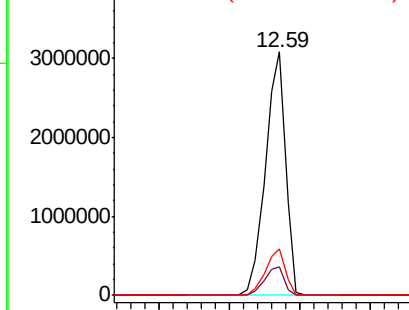
#75
 Fluoranthene
 Concen: 45.457 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:202 Resp: 3107102
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 32.2
 203 19.0 0.0 38.8

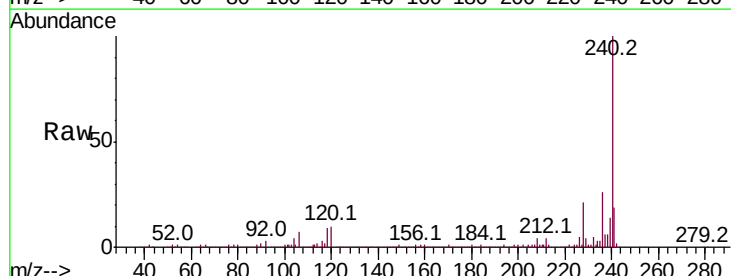


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

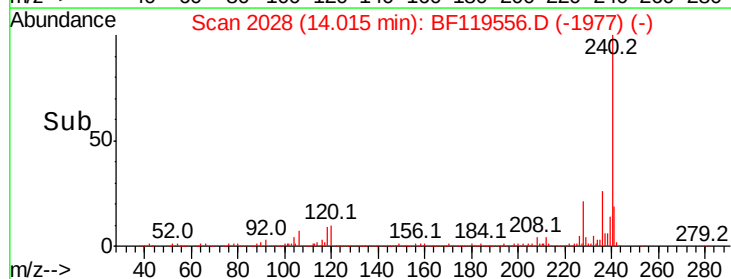
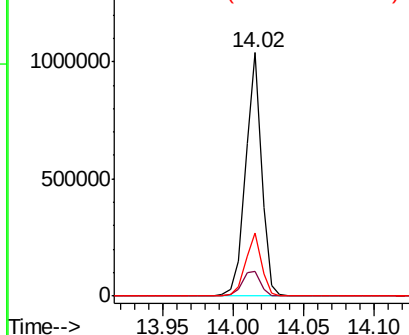


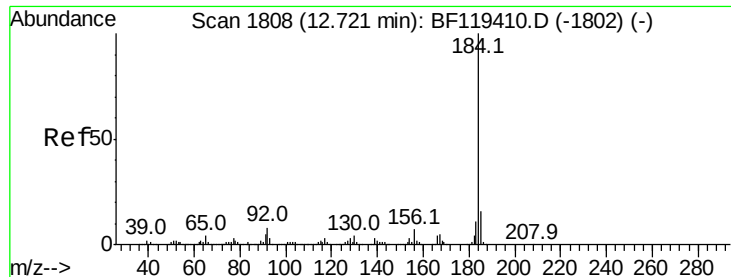
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF119556.D
 Acq: 27 Mar 2020 9:09

Tgt Ion:240 Resp: 817853
 Ion Ratio Lower Upper
 240 100
 120 10.4 10.6 15.8#
 236 26.0 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.866 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

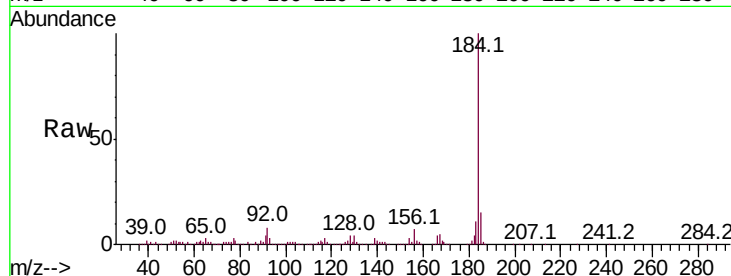
Tot Ion:184 Resp: 1552893

Ion Ratio Lower Upper

184 100

185 15.0 12.3 18.5

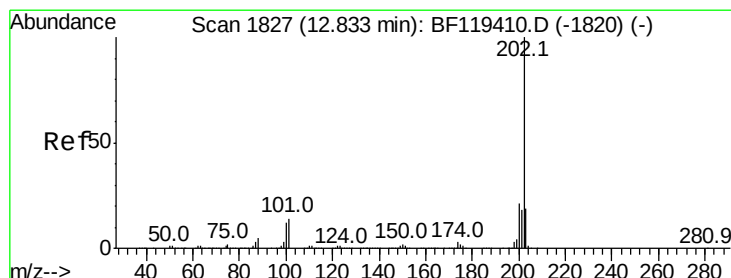
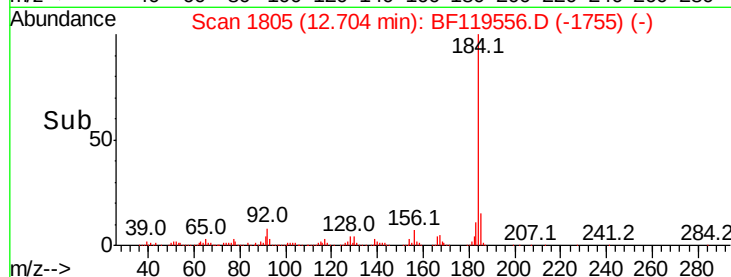
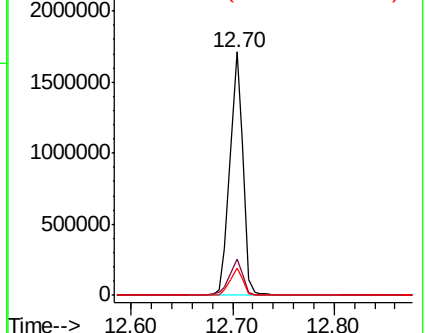
183 11.4 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.921 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

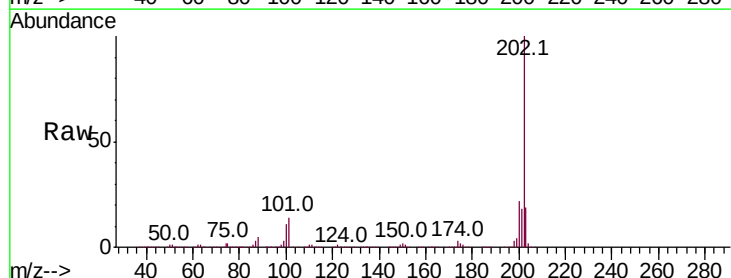
Tgt Ion:202 Resp: 3082247

Ion Ratio Lower Upper

202 100

200 21.8 16.8 25.2

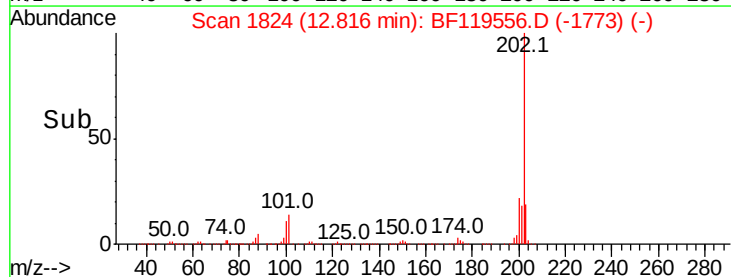
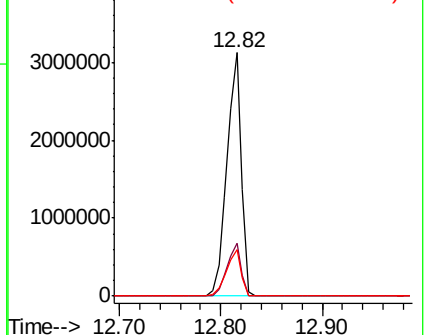
203 18.9 15.1 22.7

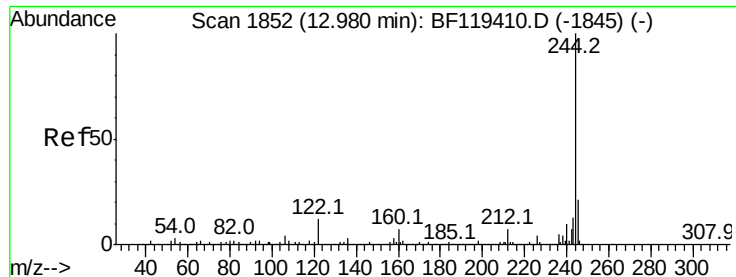


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.503 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

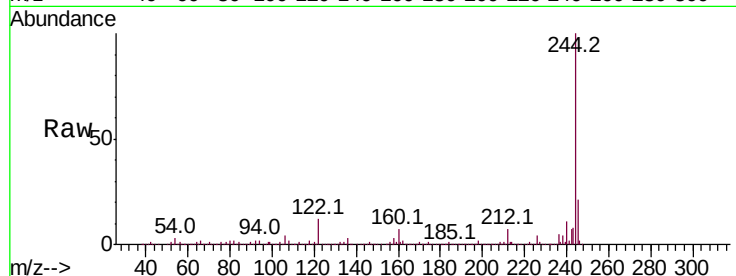
Tot Ion:244 Resp: 3903182

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

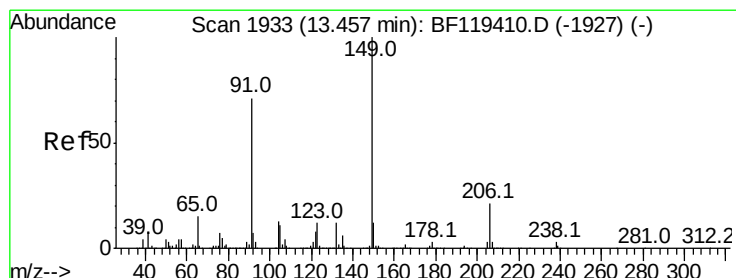
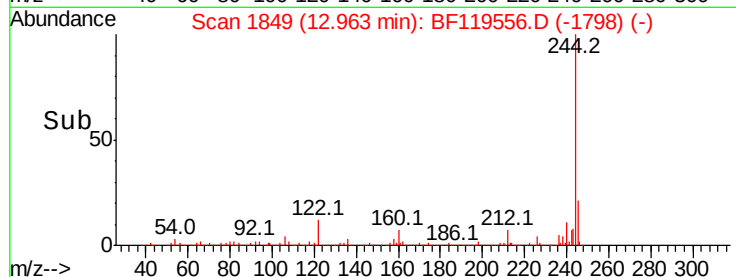
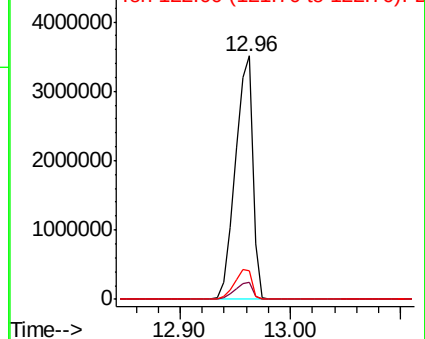
122 12.0 10.3 15.5



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: 54.840 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

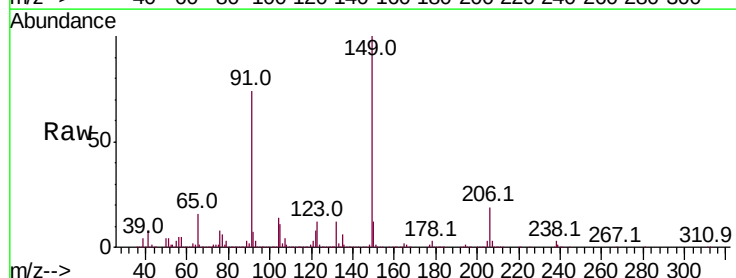
Tgt Ion:149 Resp: 1488764

Ion Ratio Lower Upper

149 100

91 73.9 54.7 82.1

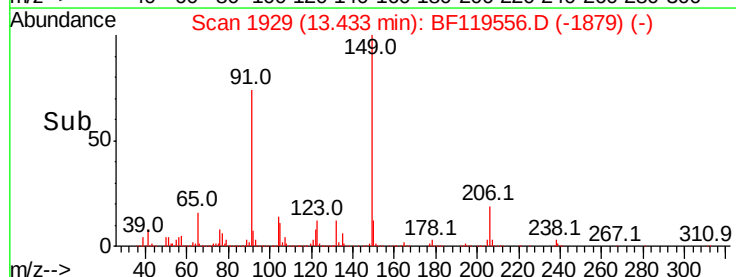
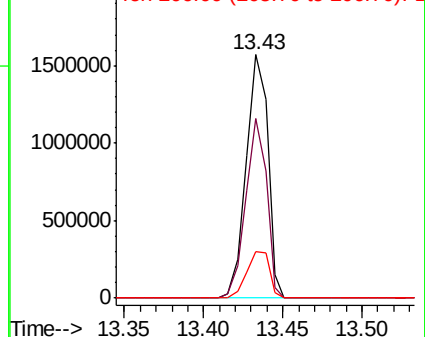
206 19.3 16.2 24.2

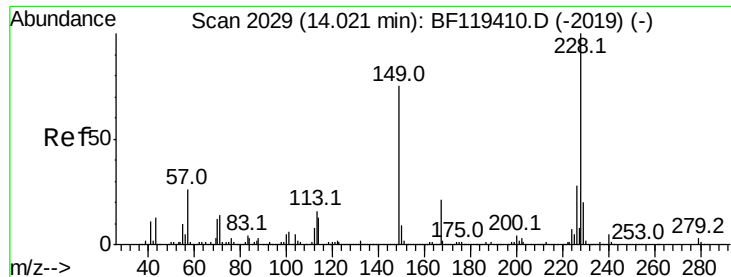


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.104 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

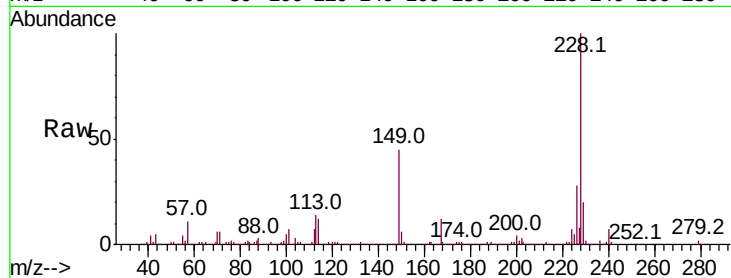
BNA_F

ClientSampleId :

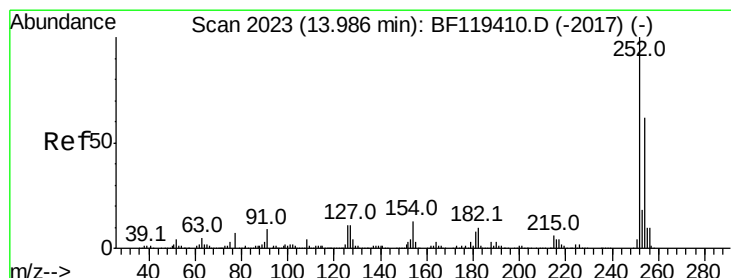
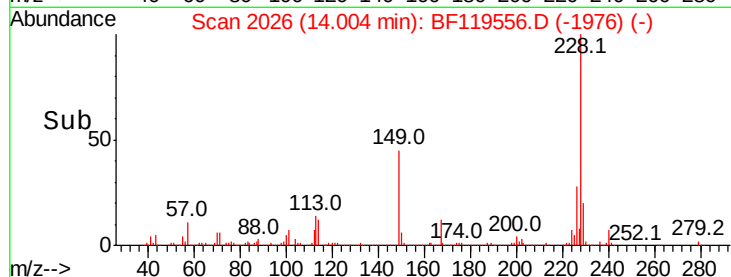
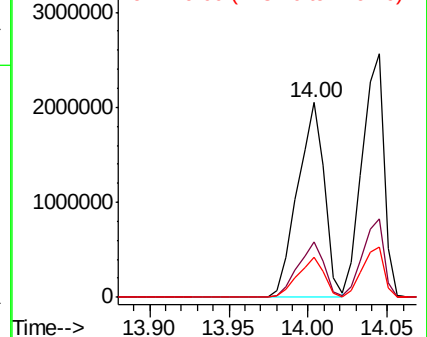
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:228 Resp: 2398776

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.8
229	20.5	16.2	24.4



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



#82

3,3'-Dichlorobenzidine

Concen: 21.984 ng

RT: 13.96 min Scan# 2019

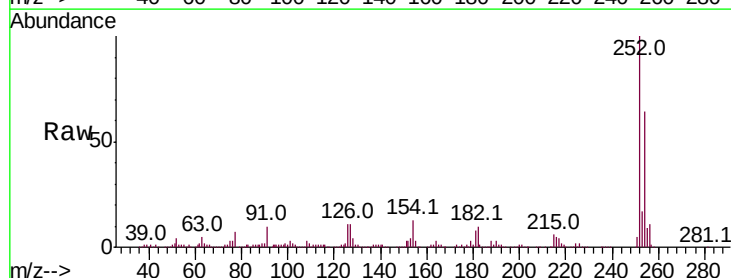
Delta R.T. -0.01 min

Lab File: BF119556.D

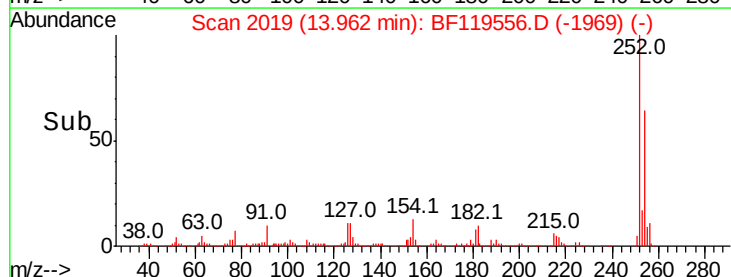
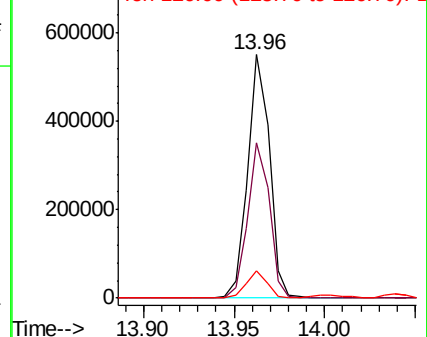
Acq: 27 Mar 2020 9:09

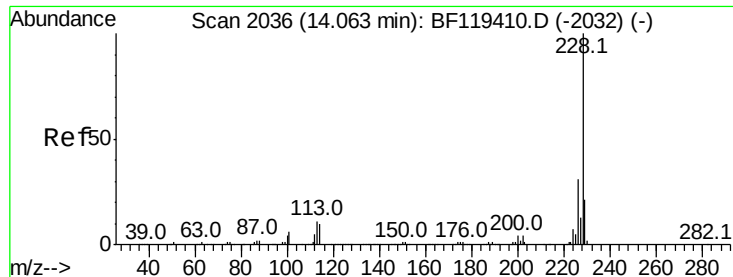
Tgt Ion:252 Resp: 461008

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.2	76.8
126	11.1	9.6	14.4



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





#83

Chrysene

Concen: 45.402 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

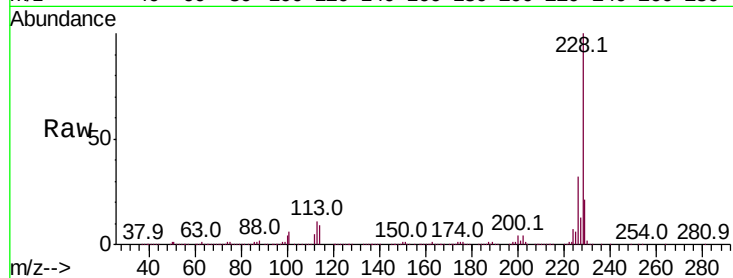
Tot Ion:228 Resp: 2492000

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.0

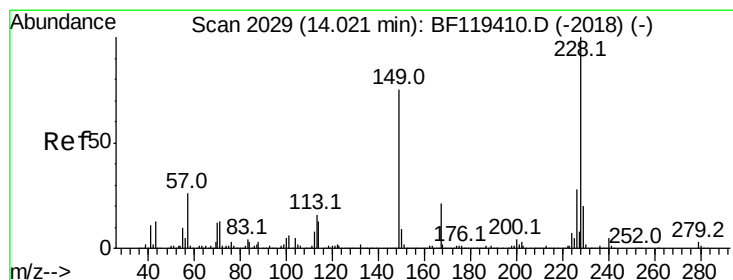
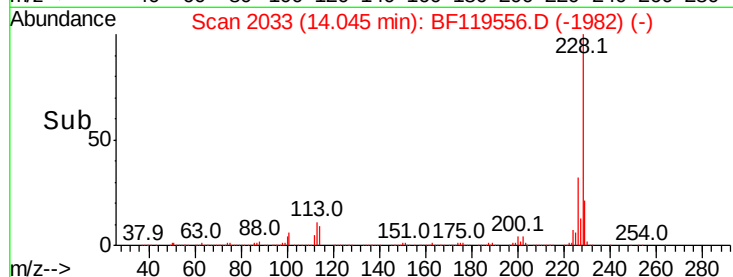
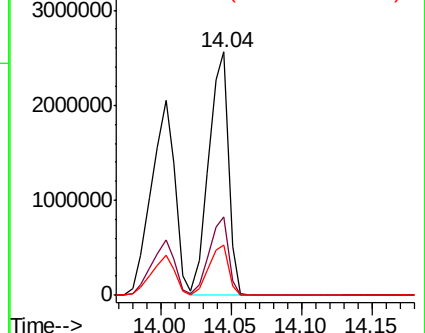
229 20.7 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.511 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

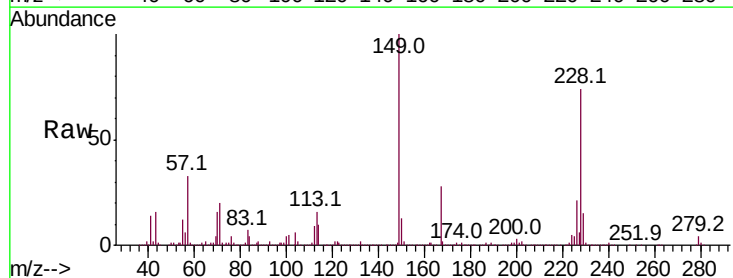
Tgt Ion:149 Resp: 1893501

Ion Ratio Lower Upper

149 100

167 27.9 21.3 31.9

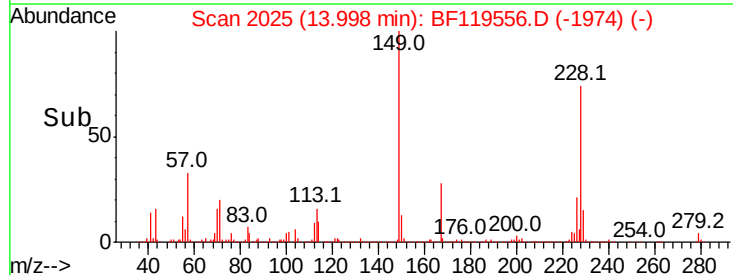
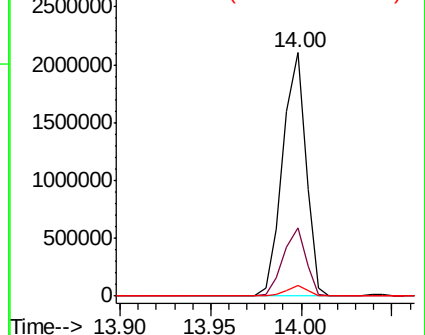
279 4.2 2.7 4.1#

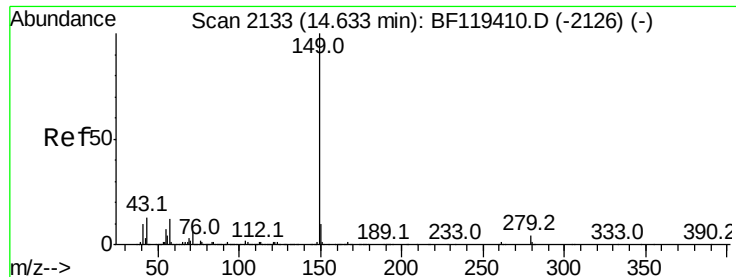


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 58.218 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

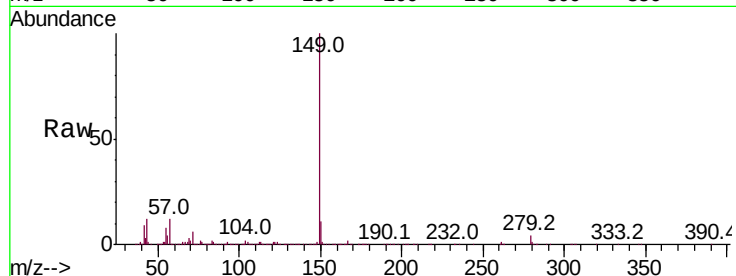
Tot Ion:149 Resp: 3313462

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

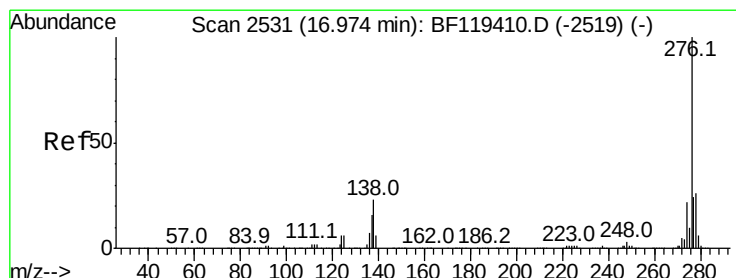
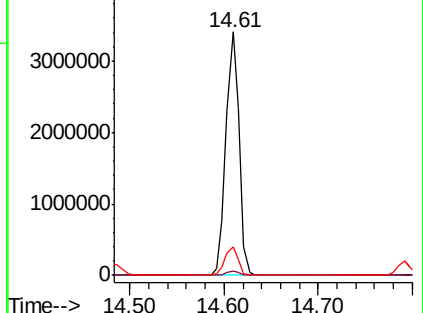
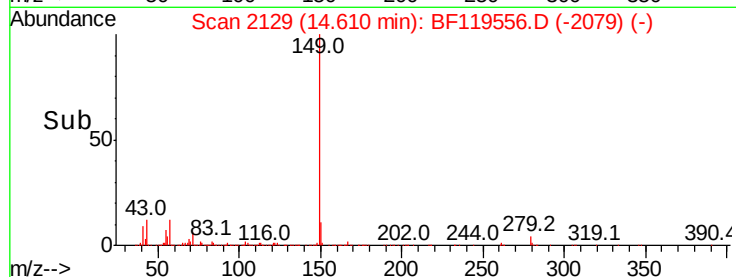
43 11.7 9.3 13.9



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: 43.887 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

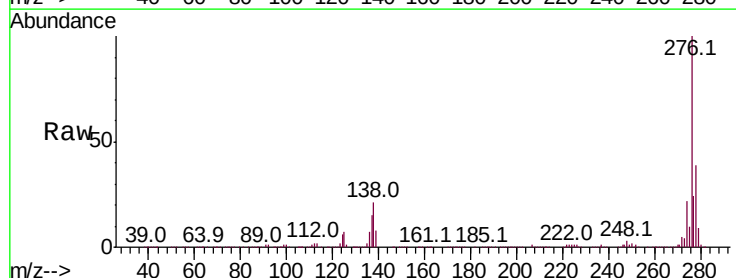
Tgt Ion:276 Resp: 2268662

Ion Ratio Lower Upper

276 100

138 24.1 19.6 29.4

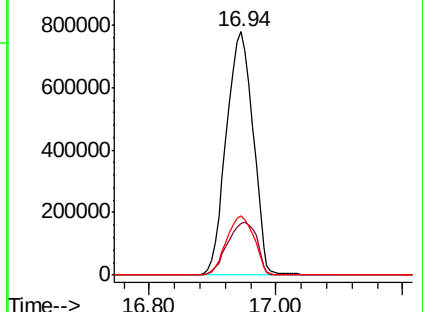
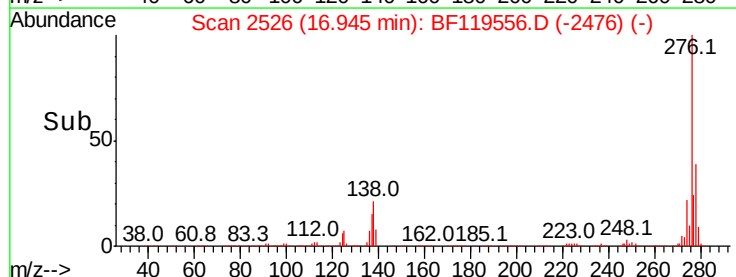
277 25.2 20.0 30.0

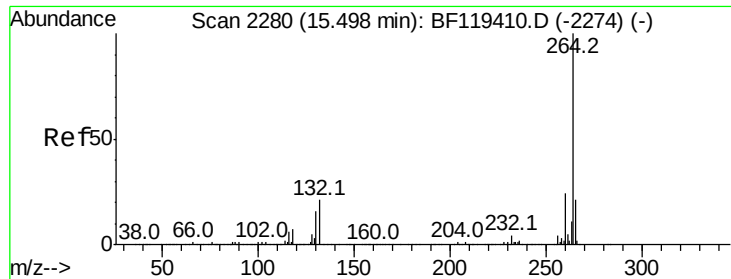


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

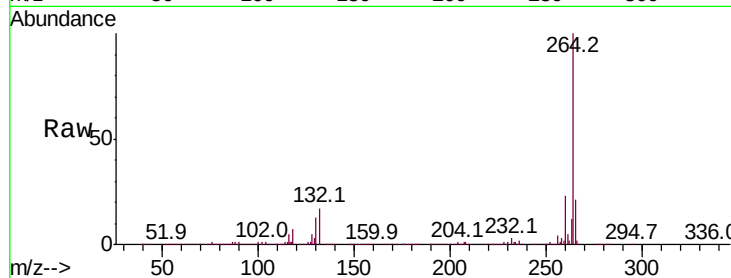




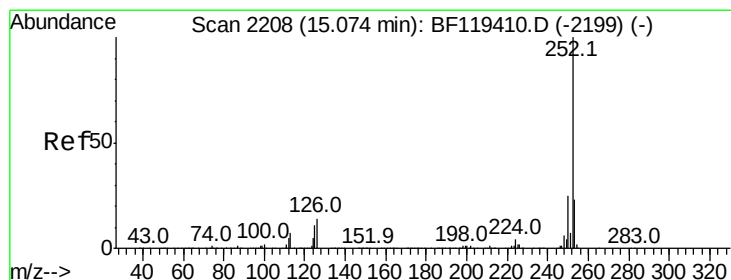
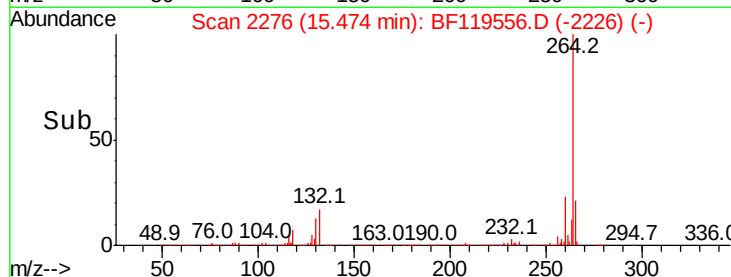
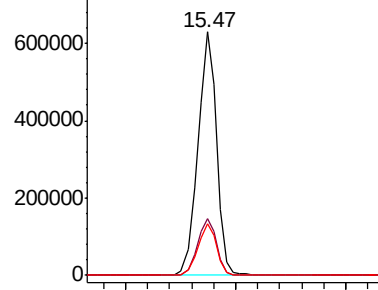
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

Tot Ion:264 Resp: 743040
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.3 17.7 26.5

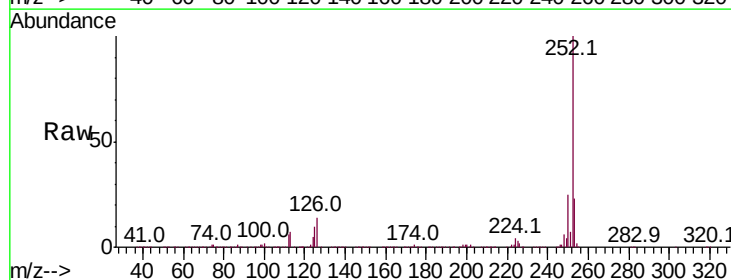


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

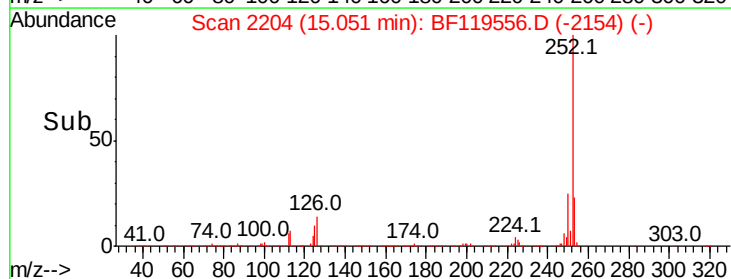
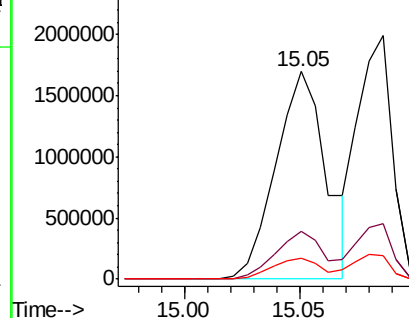


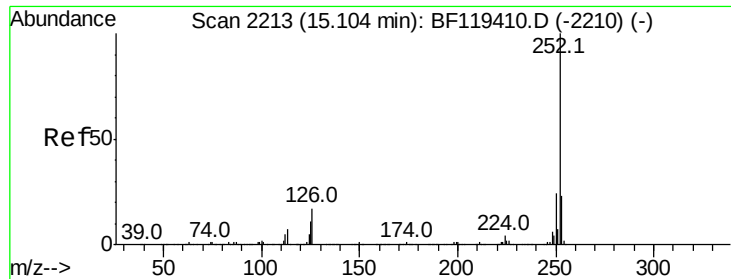
#88
Benzo(b)fluoranthene
Concen: 51.912 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion:252 Resp: 2576637
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 10.3 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

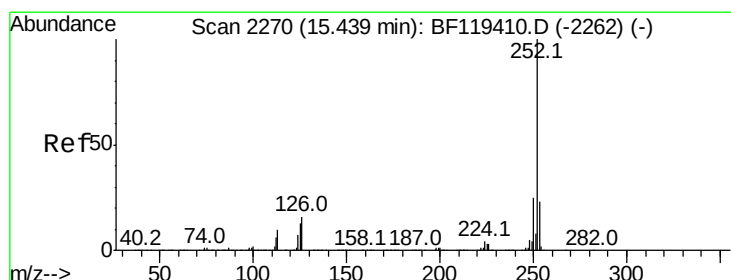
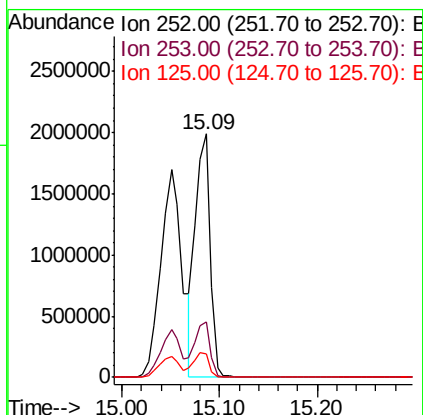
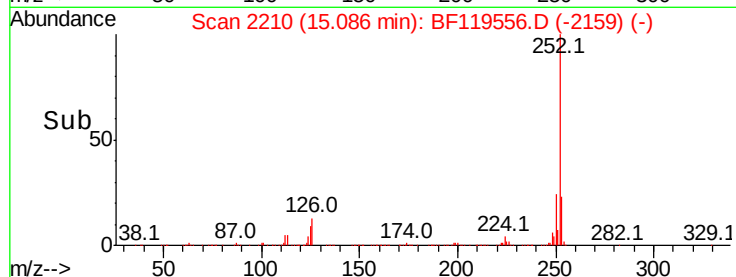
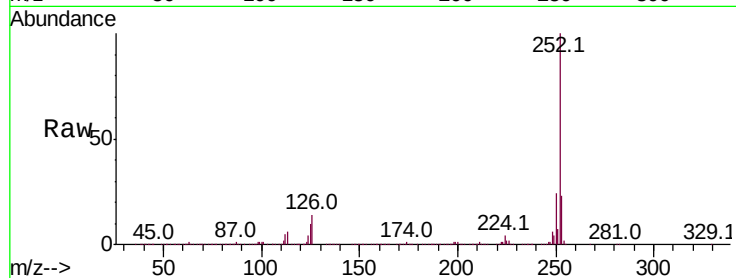




#89
Benzo(k)fluoranthene
Concen: 43.943 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

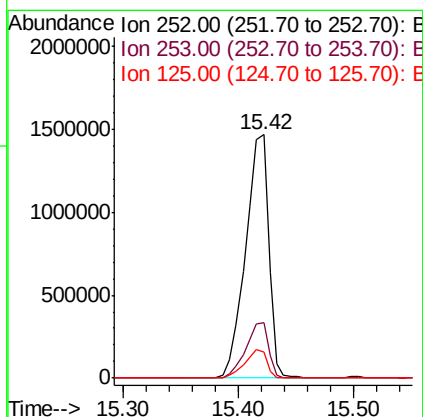
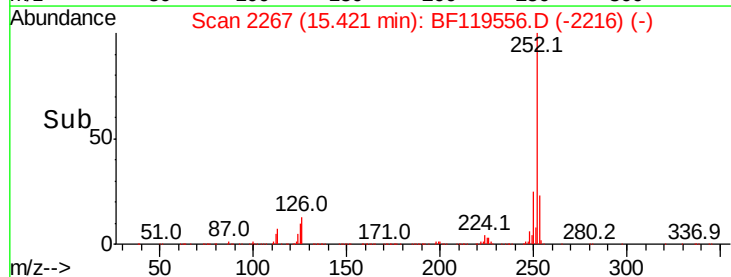
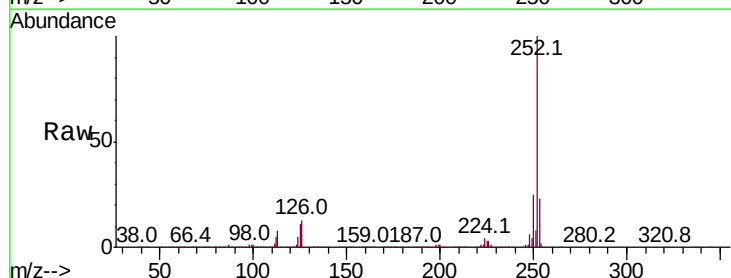
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMS

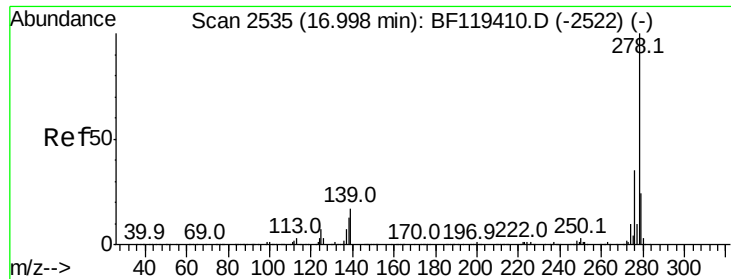
Tot Ion:252 Resp: 2076858
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 9.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 45.596 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF119556.D
Acq: 27 Mar 2020 9:09

Tgt Ion:252 Resp: 2056740
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 10.6 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 46.864 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.00 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMS

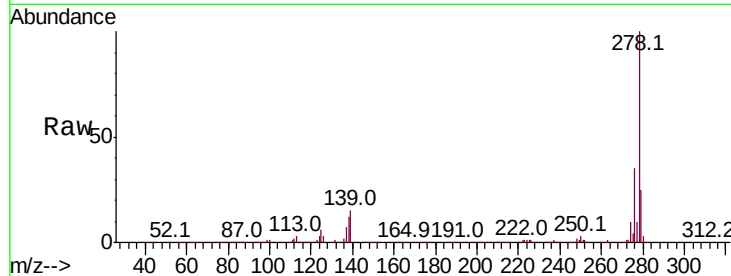
Tot Ion:278 Resp: 1848956

Ion Ratio Lower Upper

278 100

139 15.2 12.6 19.0

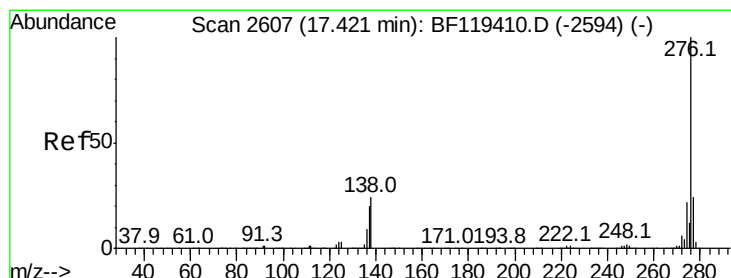
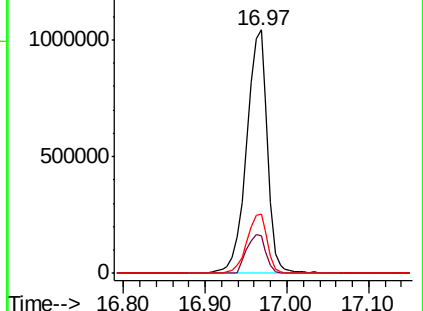
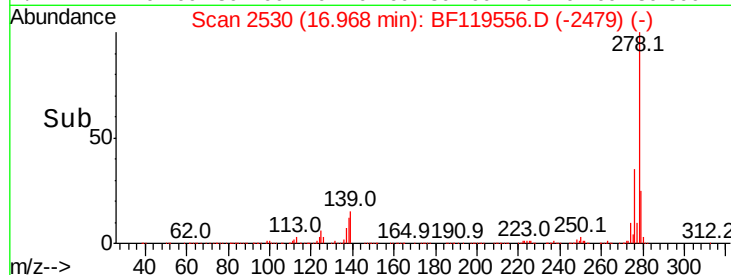
279 24.6 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.245 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BF119556.D

Acq: 27 Mar 2020 9:09

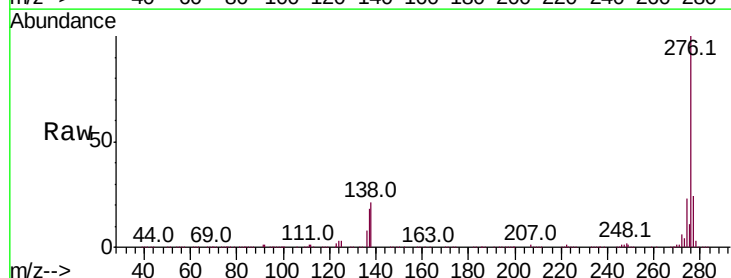
Tgt Ion:276 Resp: 1872622

Ion Ratio Lower Upper

276 100

277 23.9 18.4 27.6

138 20.5 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

