

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119557.D
 Acq On : 27 Mar 2020 9:36
 Operator : CG/JU
 Sample : L2037-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Quant Time: Mar 27 10:28:46 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	297793	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1163755	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	619145	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1189503	20.00	ng	0.00
76) Chrysene-d12	14.02	240	810734	20.00	ng	0.00
87) Perylene-d12	15.47	264	724109	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	2068859	110.59	ng	0.02
7) Phenol-d6	6.47	99	2711353	113.46	ng	0.00
23) Nitrobenzene-d5	7.40	82	1727841	80.69	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	832705	130.36	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3223615	77.13	ng	0.00
79) Terphenyl-d14	12.96	244	3637107	87.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	305538	33.070	ng	98
3) Pyridine	3.38	79	850013	33.395	ng	99
4) n-Nitrosodimethylamine	3.34	42	487031	39.237	ng	98
6) Aniline	6.50	93	1086160	32.933	ng	98
8) 2-Chlorophenol	6.62	128	949249	48.314	ng	97
9) Benzaldehyde	6.38	77	584705	38.571	ng	94
10) Phenol	6.48	94	1222349	47.939	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	899795	44.122	ng	98
12) 1,3-Dichlorobenzene	6.77	146	940025	44.206	ng	96
13) 1,4-Dichlorobenzene	6.85	146	949377	44.635	ng	97
14) 1,2-Dichlorobenzene	7.01	146	890879	44.811	ng	99
15) Benzyl Alcohol	6.97	79	814180	45.294	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1717479	41.753	ng	100
17) 2-Methylphenol	7.09	107	775060	43.055	ng	99
18) Hexachloroethane	7.35	117	363108	46.584	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	668710	46.427	ng	99
20) 3+4-Methylphenols	7.24	107	930661	42.185	ng	90
22) Acetophenone	7.25	105	1229354	44.209	ng	# 87
24) Nitrobenzene	7.42	77	995014	43.481	ng	97
25) Isophorone	7.66	82	1883110	43.353	ng	100
26) 2-Nitrophenol	7.73	139	513896	57.034	ng	96
27) 2,4-Dimethylphenol	7.77	122	843173	45.256	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	1178790	45.893	ng	98
29) 2,4-Dichlorophenol	7.97	162	799076	46.678	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	840360	44.389	ng	99
31) Naphthalene	8.15	128	2618405	43.722	ng	100
32) Benzoic acid	7.91	122	679111	56.666	ng	98
33) 4-Chloroaniline	8.19	127	451668	16.459	ng	98
34) Hexachlorobutadiene	8.26	225	482187	45.522	ng	99
35) Caprolactam	8.57	113	140385	25.057	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	870201	46.509	ng	98
37) 2-Methylnaphthalene	8.84	142	1833274	46.643	ng	99
38) 1-Methylnaphthalene	8.94	142	1749838	47.036	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	787920	43.417	ng	99

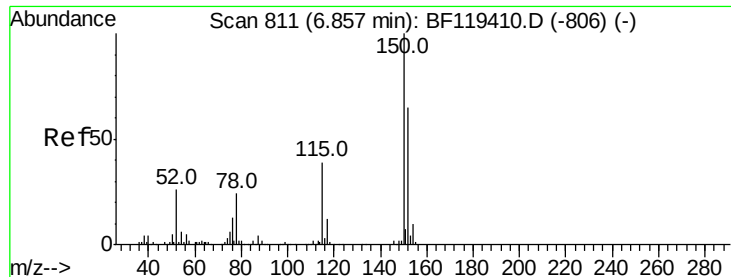
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	940330	91.142	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	608253	46.836	ng	100
44) 2,4,5-Trichlorophenol	9.15	196	637278	43.804	ng	97
46) 1,1'-Biphenyl	9.30	154	2173444	43.101	ng	99
47) 2-Chloronaphthalene	9.33	162	1714785	43.413	ng	99
48) 2-Nitroaniline	9.42	65	640518	46.980	ng	99
49) Acenaphthylene	9.75	152	2669198	43.032	ng	100
50) Dimethylphthalate	9.61	163	2157961	49.069	ng	99
51) 2,6-Dinitrotoluene	9.67	165	463176	49.136	ng	100
52) Acenaphthene	9.92	154	1707061	44.145	ng	98
53) 3-Nitroaniline	9.83	138	292624	24.589	ng	93
54) 2,4-Dinitrophenol	9.94	184	487613	115.951	ng	# 87
55) Dibenzofuran	10.09	168	2411093	43.489	ng	100
56) 4-Nitrophenol	10.00	139	828301	88.229	ng	98
57) 2,4-Dinitrotoluene	10.07	165	624196	52.565	ng	90
58) Fluorene	10.43	166	1857419	45.304	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	531164	48.844	ng	99
60) Diethylphthalate	10.31	149	2108041	47.228	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	905502	45.164	ng	96
62) 4-Nitroaniline	10.46	138	500650	43.870	ng	99
63) Azobenzene	10.59	77	1998319	44.458	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	326733	65.505	ng	92
66) n-Nitrosodiphenylamine	10.55	169	1744662	44.678	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	604133	44.596	ng	98
68) Hexachlorobenzene	10.98	284	652078	47.030	ng	96
69) Atrazine	11.07	200	532613	49.752	ng	99
70) Pentachlorophenol	11.17	266	733616	90.238	ng	98
71) Phenanthrene	11.40	178	2685732	43.544	ng	99
72) Anthracene	11.45	178	2761294	44.049	ng	100
73) Carbazole	11.60	167	2599223	41.891	ng	99
74) Di-n-butylphthalate	11.93	149	3224892	48.586	ng	98
75) Fluoranthene	12.59	202	2906568	43.543	ng	99
77) Benzidine	12.70	184	1502260	43.784	ng	99
78) Pyrene	12.82	202	2913475	43.788	ng	99
80) Butylbenzylphthalate	13.43	149	1393121	51.768	ng	95
81) Benzo(a)anthracene	14.00	228	2233206	42.359	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	481124	23.145	ng	98
83) Chrysene	14.04	228	2330052	42.824	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1789052	55.768	ng	98
85) Di-n-octyl phthalate	14.61	149	3046405	53.996	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	2090817	40.802	ng	99
88) Benzo(b)fluoranthene	15.05	252	2155963	44.572	ng	99
89) Benzo(k)fluoranthene	15.08	252	2076560	45.085	ng	100
90) Benzo(a)pyrene	15.42	252	1887701	42.943	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	1718892	44.706	ng	98
92) Benzo(g,h,i)perylene	17.39	276	1747427	45.239	ng	98

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

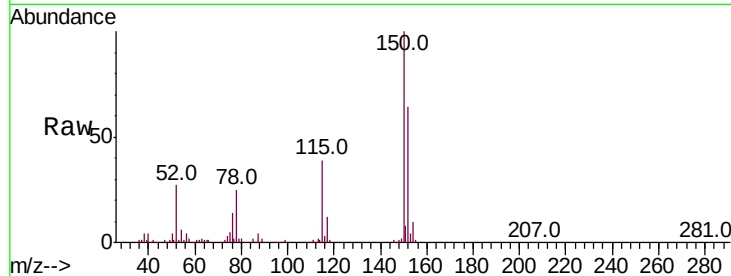


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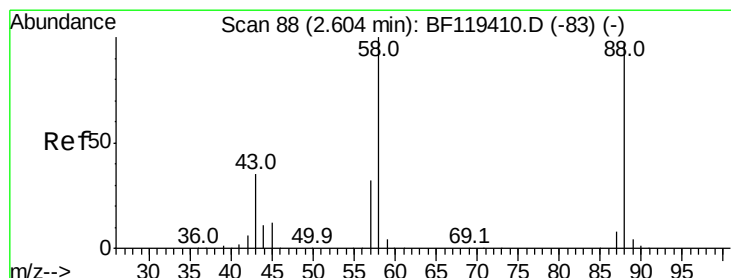
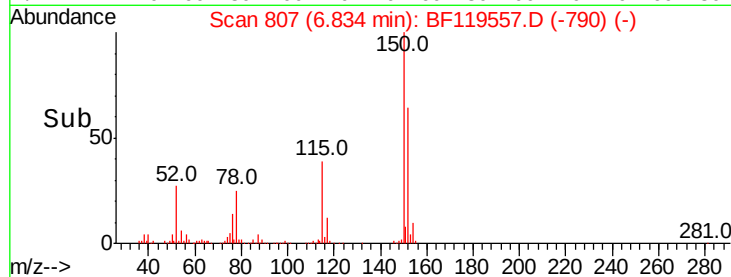
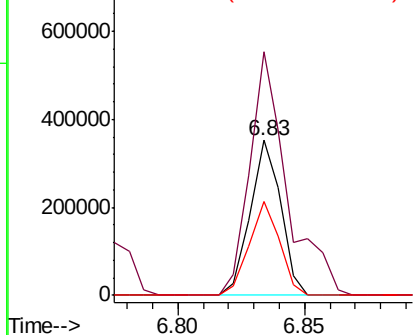
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:152 Resp: 297793
Ion Ratio Lower Upper
152 100
150 157.0 124.5 186.7
115 60.8 49.6 74.4



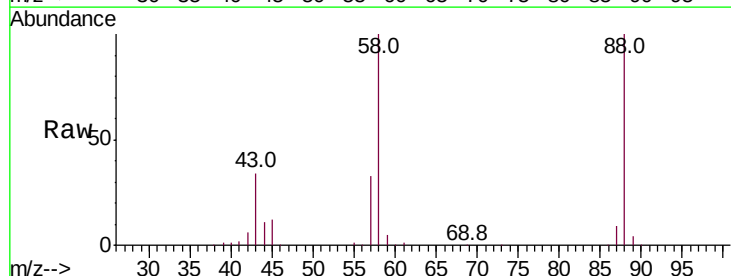
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



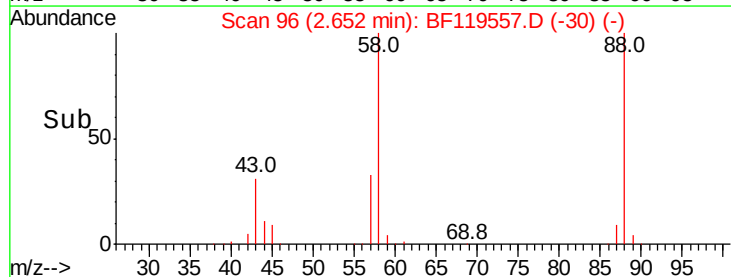
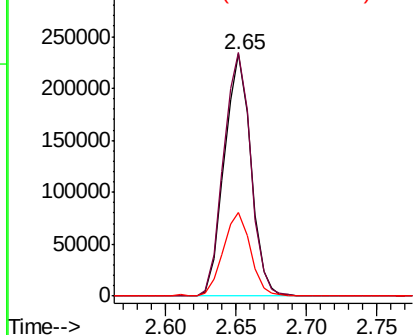
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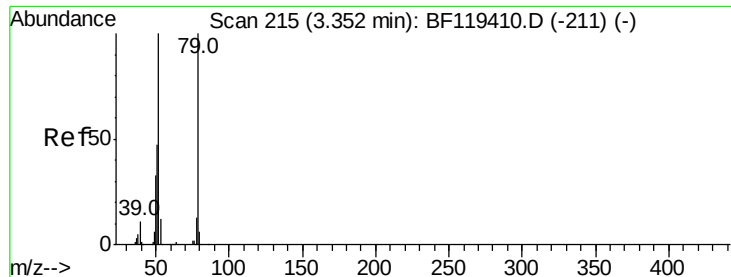
1,4-Dioxane
Concen: 33.070 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.09 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion: 88 Resp: 305538
Ion Ratio Lower Upper
88 100
58 102.8 80.6 121.0
43 35.2 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: 33.395 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.08 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

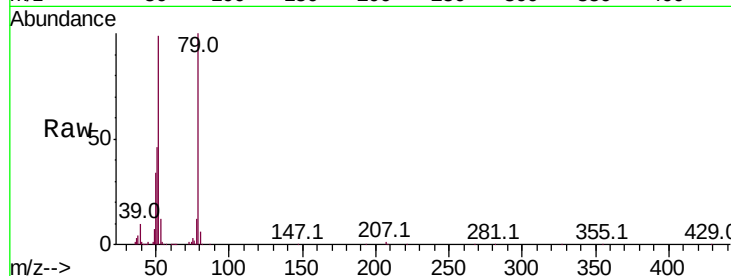
Tot Ion: 79 Resp: 850013

Ion Ratio Lower Upper

79 100

52 99.3 80.2 120.2

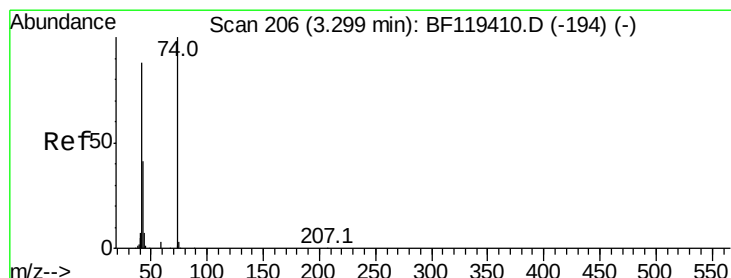
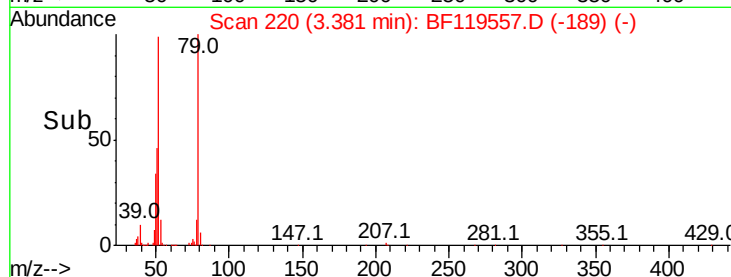
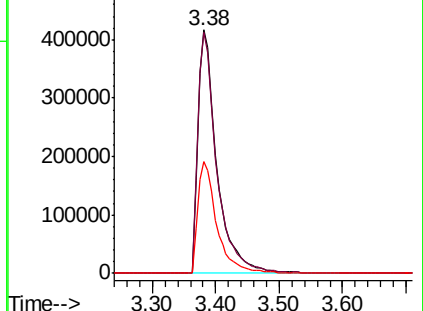
51 45.7 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.237 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.09 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

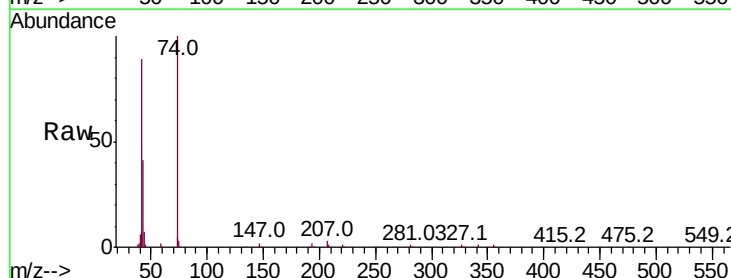
Tgt Ion: 42 Resp: 487031

Ion Ratio Lower Upper

42 100

74 112.2 91.5 137.3

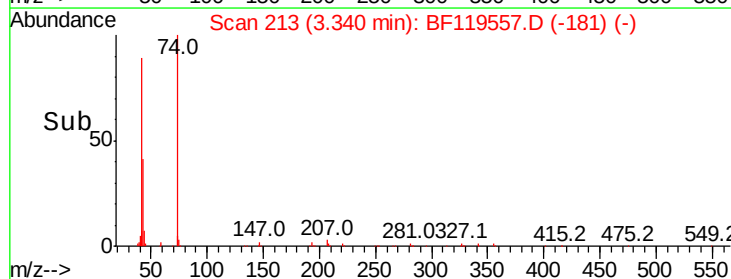
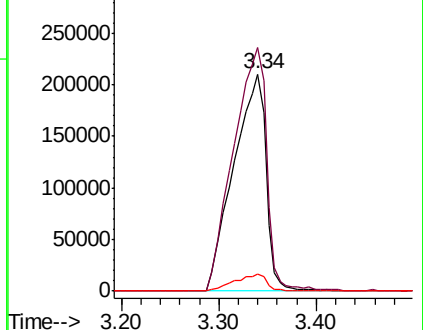
44 7.7 6.2 9.4

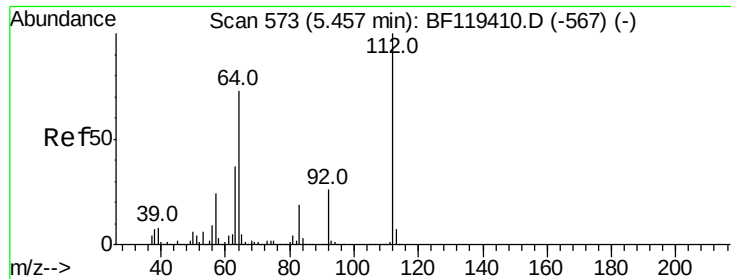


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 110.595 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

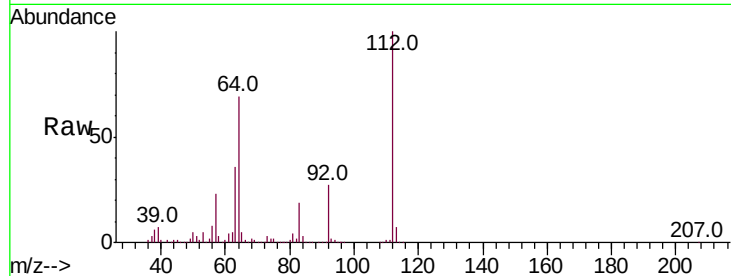
Tot Ion:112 Resp: 2068859

Ion Ratio Lower Upper

112 100

64 69.3 56.7 85.1

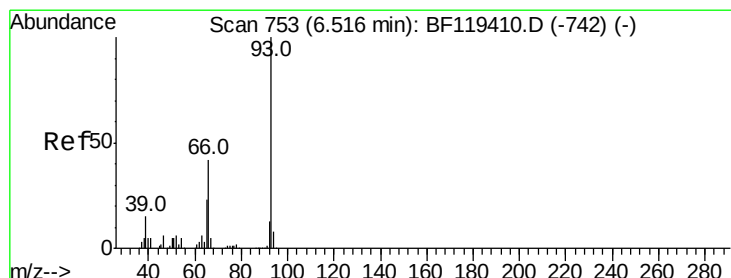
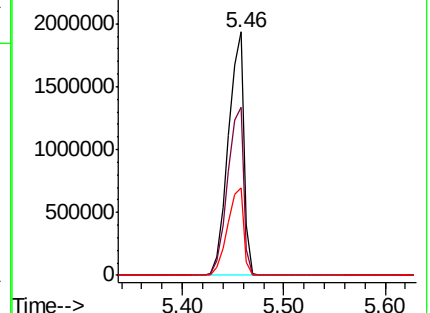
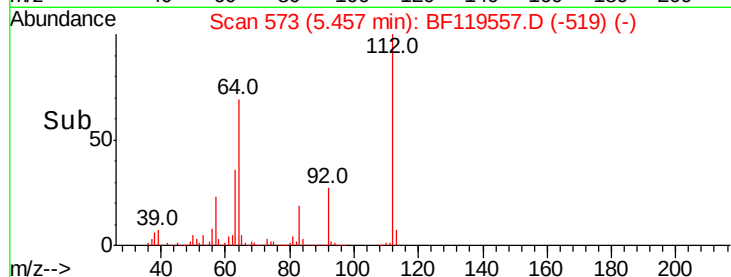
63 36.1 29.5 44.3



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: 32.933 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

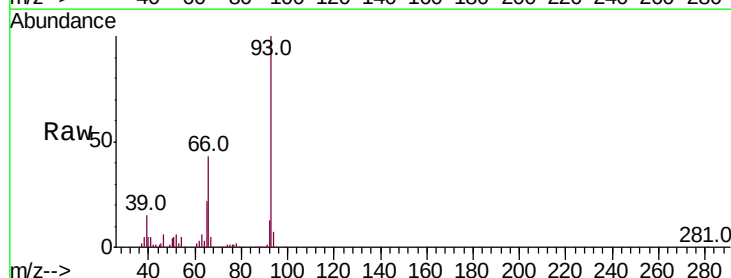
Tgt Ion: 93 Resp: 1086160

Ion Ratio Lower Upper

93 100

66 42.5 34.9 52.3

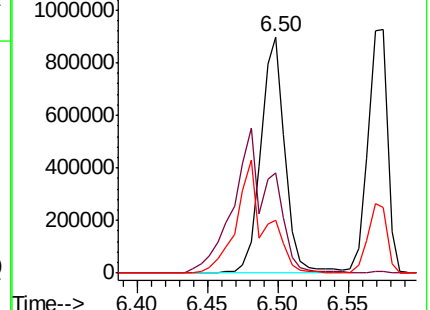
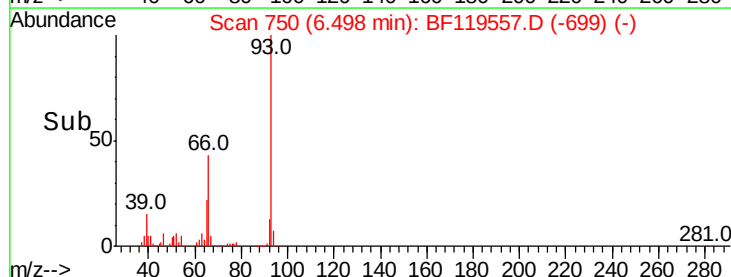
65 22.3 18.6 27.8

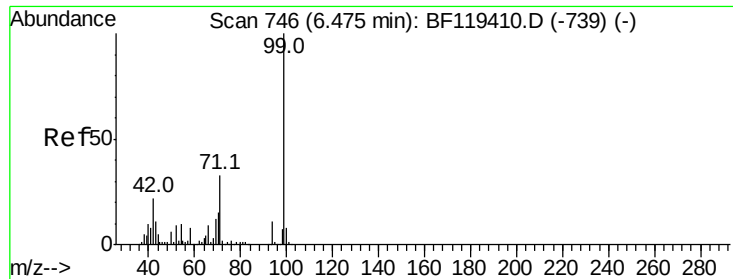


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.462 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

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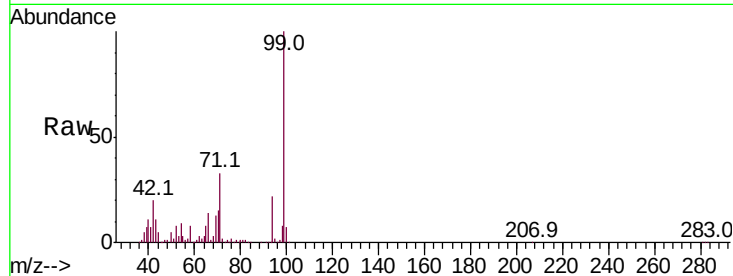
Tot Ion: 99 Resp: 2711353

Ion Ratio Lower Upper

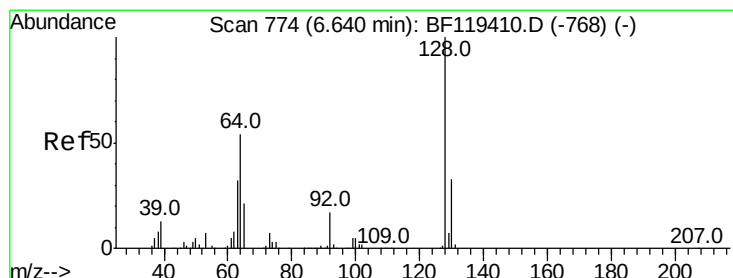
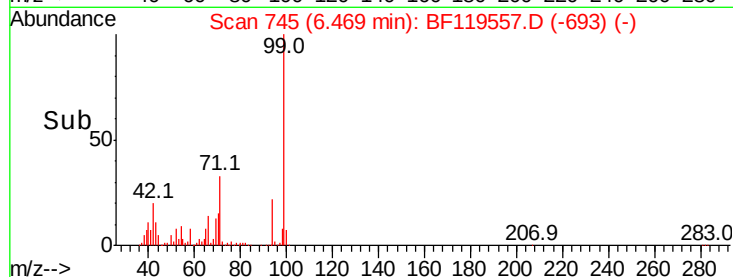
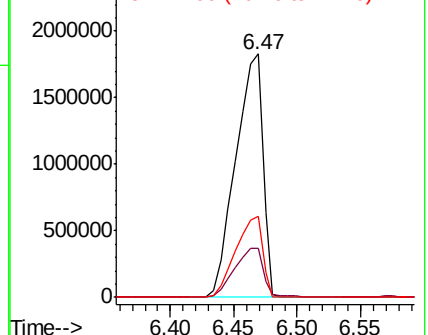
99 100

42 20.3 16.6 24.8

71 33.2 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: 48.314 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

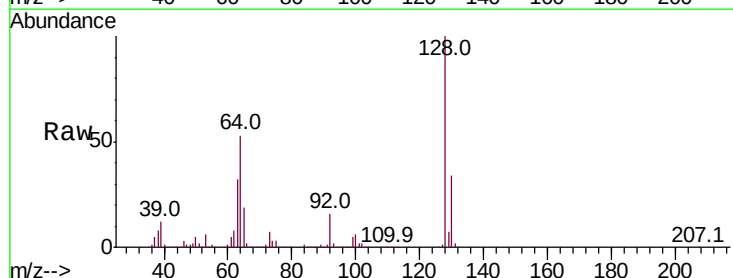
Tgt Ion:128 Resp: 949249

Ion Ratio Lower Upper

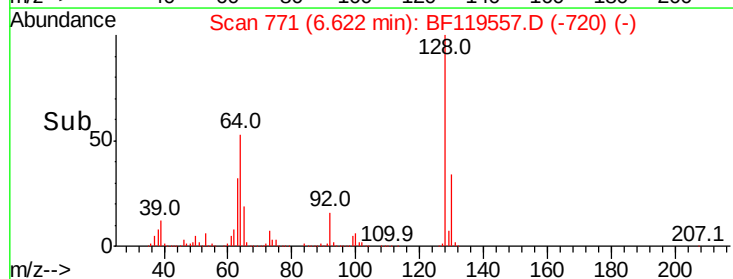
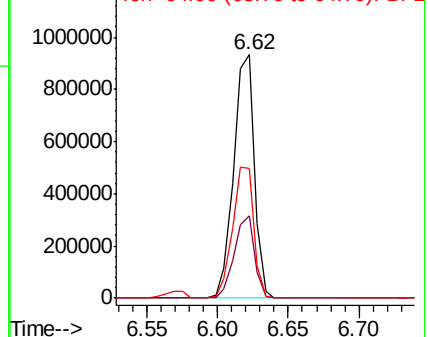
128 100

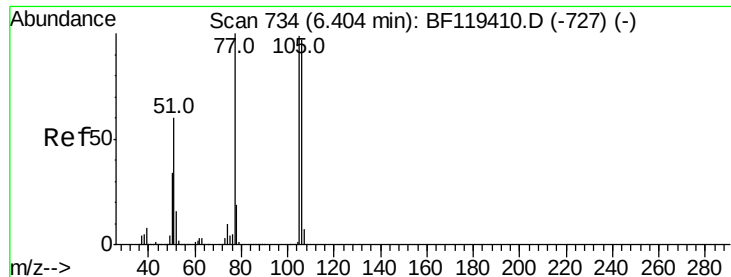
130 33.7 12.6 52.6

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: 38.571 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

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FK-BPM-01-C4-D4-C4A-D4AMSD

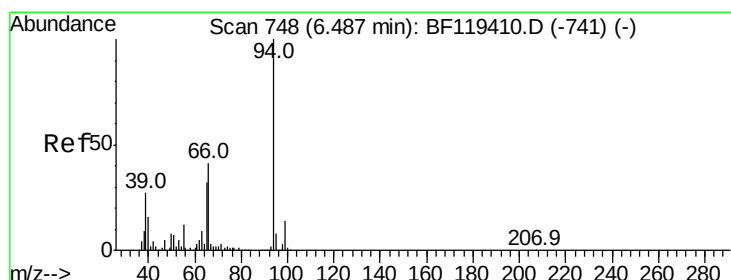
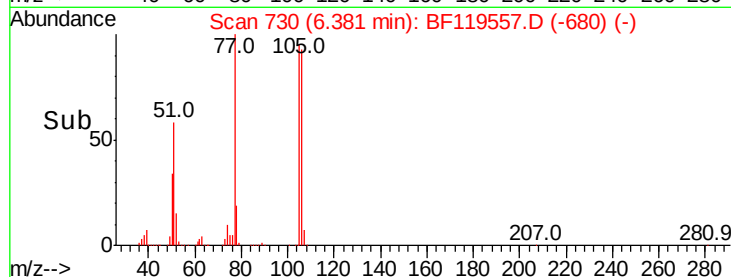
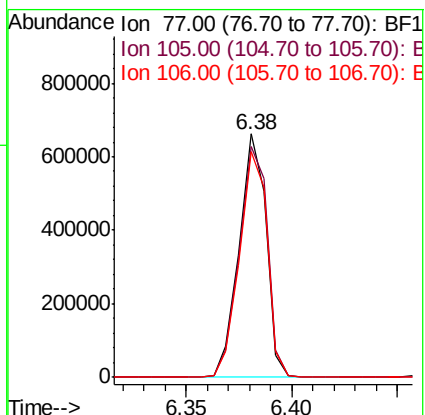
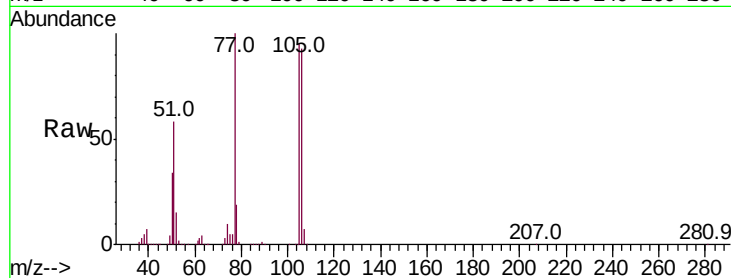
Tot Ion: 77 Resp: 584705

Ion Ratio Lower Upper

77 100

105 95.0 80.9 120.9

106 92.7 77.9 117.9



#10

Phenol

Concen: 47.939 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

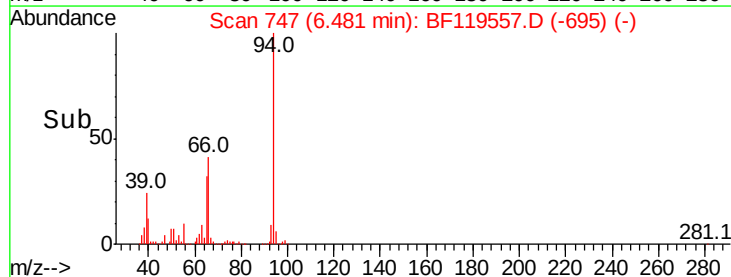
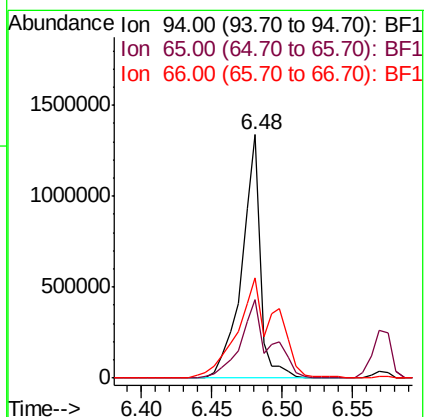
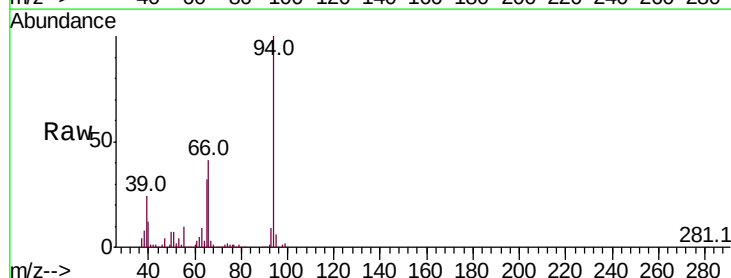
Tgt Ion: 94 Resp: 1222349

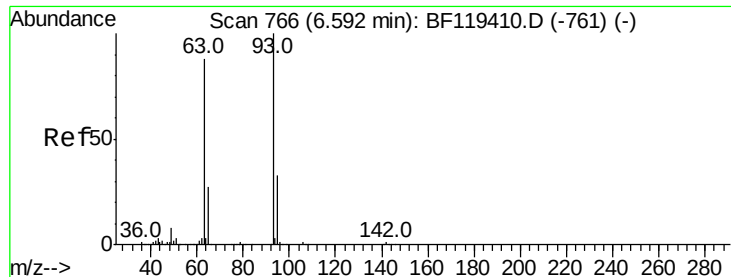
Ion Ratio Lower Upper

94 100

65 32.3 13.2 53.2

66 41.3 22.3 62.3

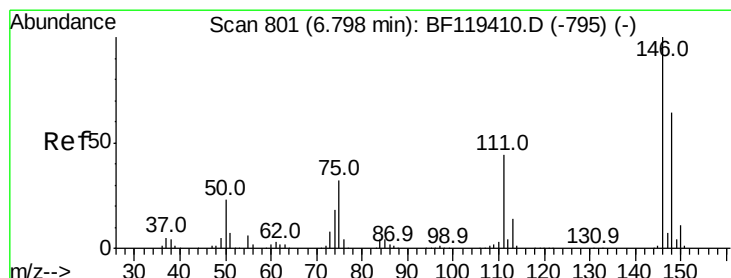
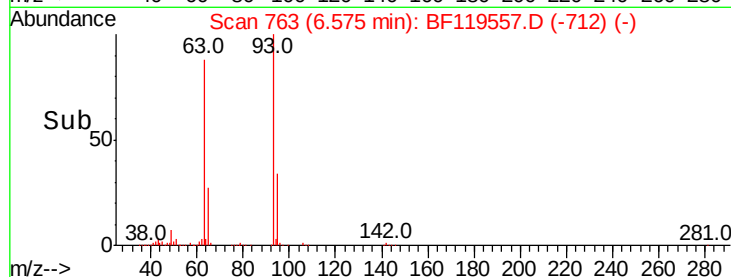
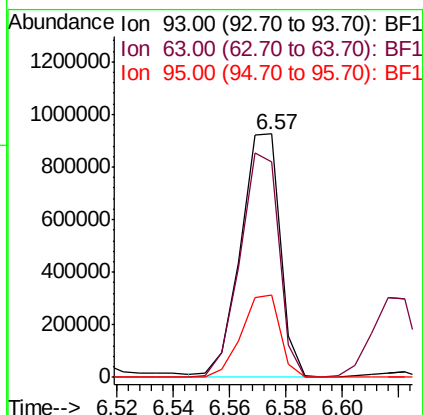
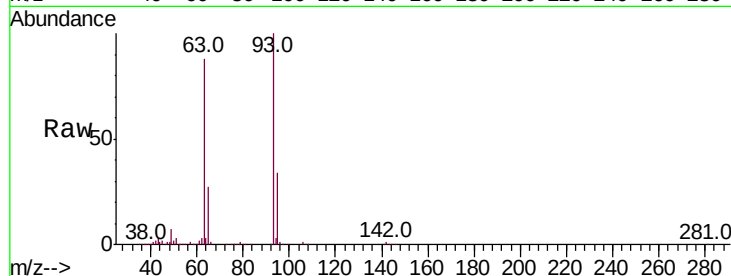




#11
bis(2-Chloroethyl)ether
Concen: 44.122 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

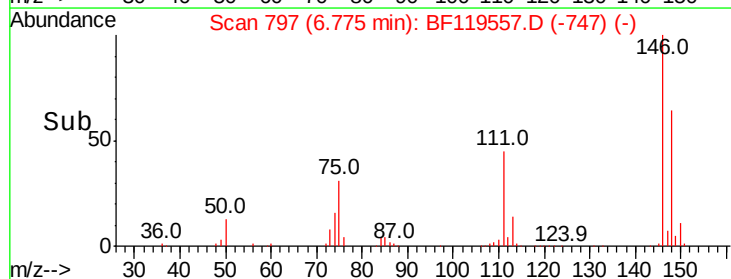
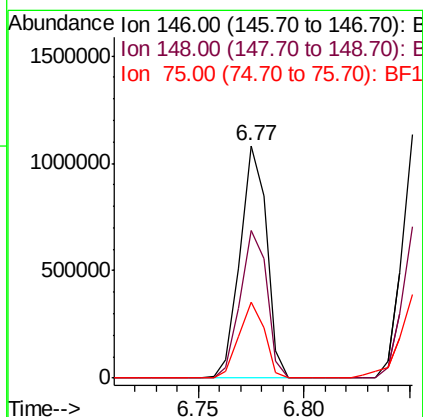
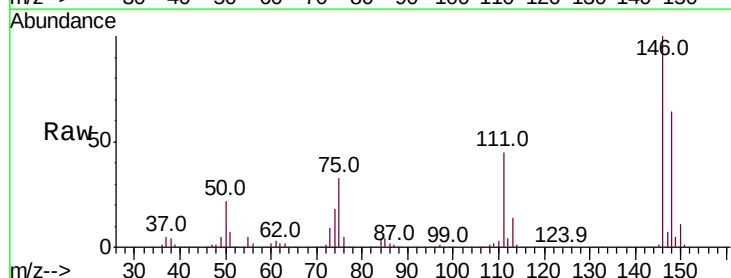
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

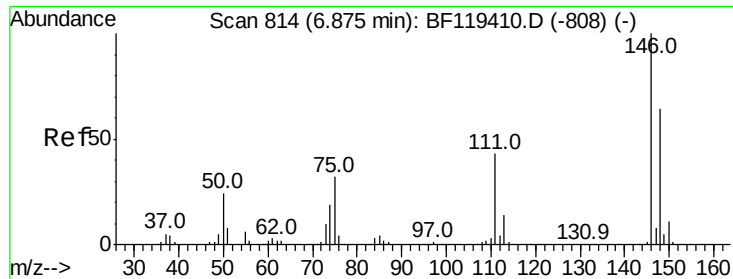
Tot Ion: 93 Resp: 899795
Ion Ratio Lower Upper
93 100
63 88.4 70.2 110.2
95 34.0 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 44.206 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion: 146 Resp: 940025
Ion Ratio Lower Upper
146 100
148 63.6 52.2 78.4
75 32.6 23.0 34.4

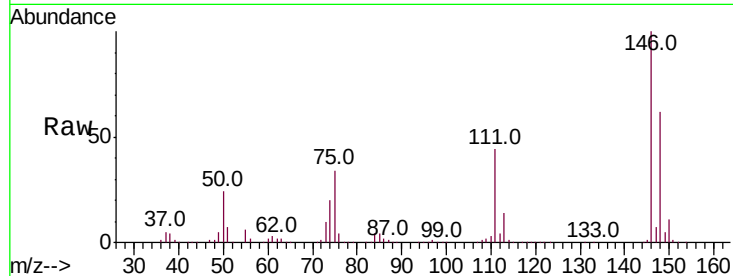




#13
 1,4-Dichlorobenzene
 Concen: 44.635 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.5	77.3
111	44.2	33.3	49.9

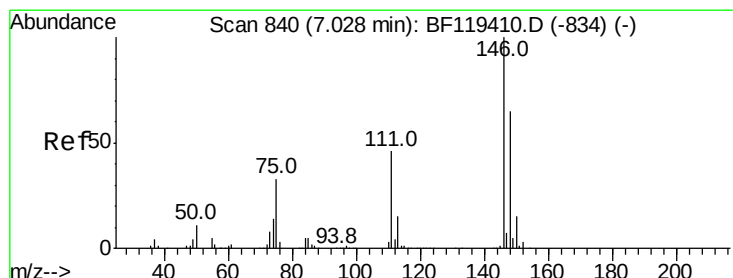
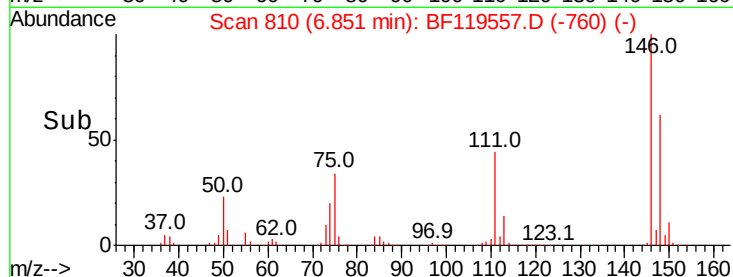
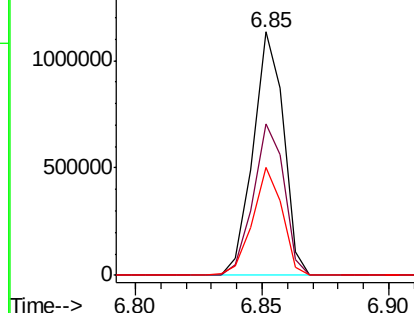


Abundance

Ion 146.00 (145.70 to 146.70): E

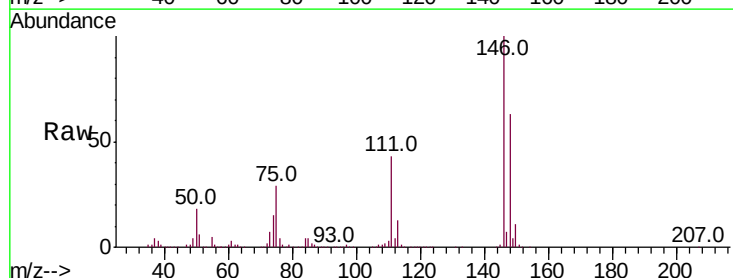
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 44.811 ng
 RT: 7.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	75.8
111	43.2	36.1	54.1

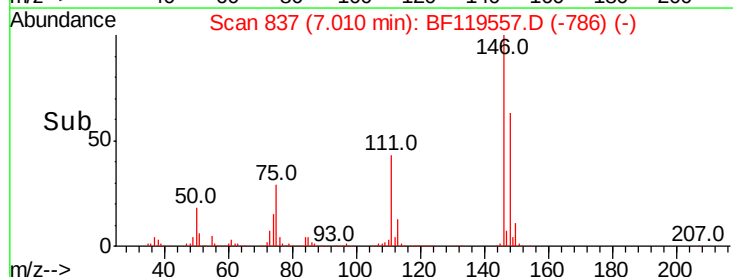
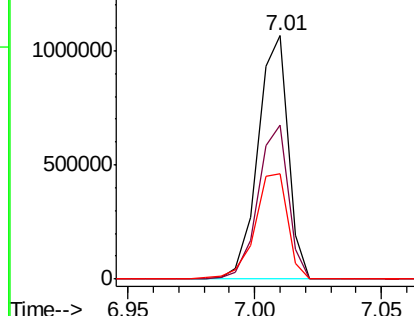


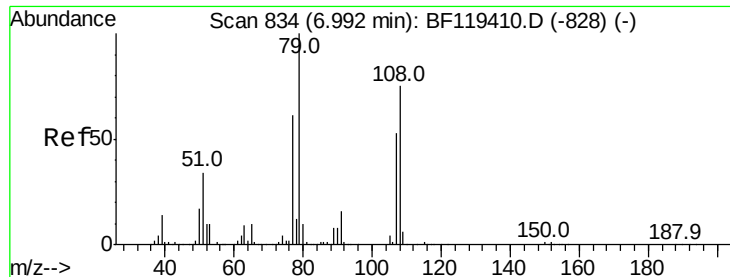
Abundance

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: 45.294 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

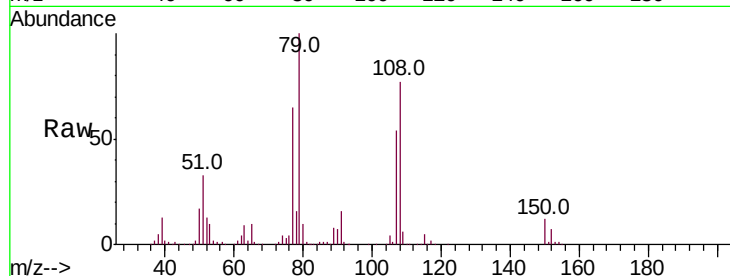
Tot Ion: 79 Resp: 814180

Ion Ratio Lower Upper

79 100

108 76.9 60.6 90.8

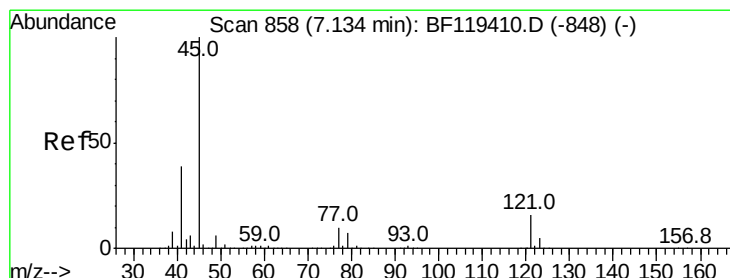
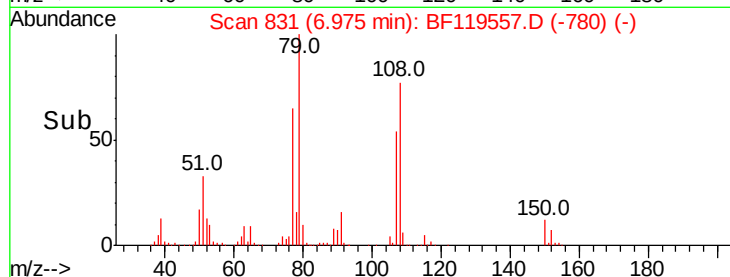
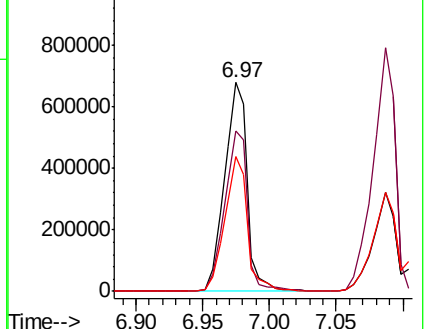
77 64.6 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.753 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

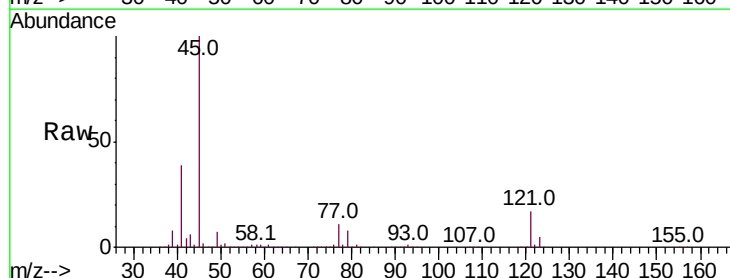
Tgt Ion: 45 Resp: 1717479

Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.7

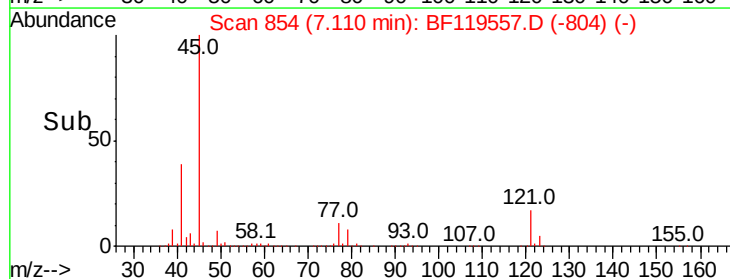
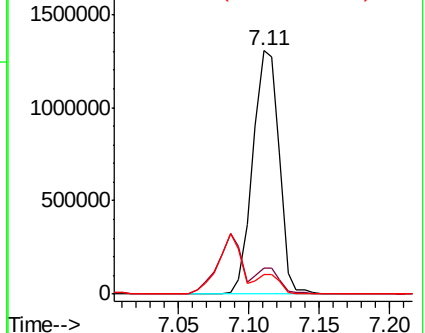
79 8.0 0.0 28.2

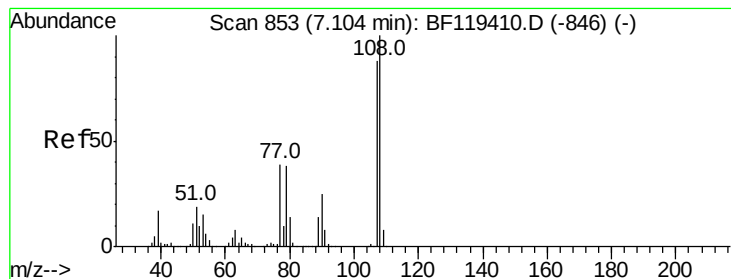


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

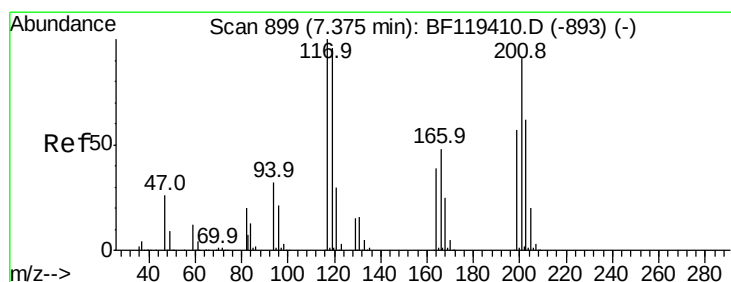
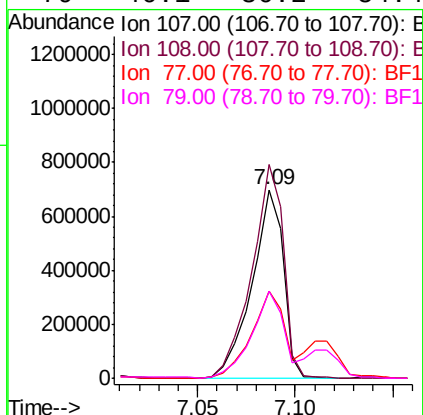
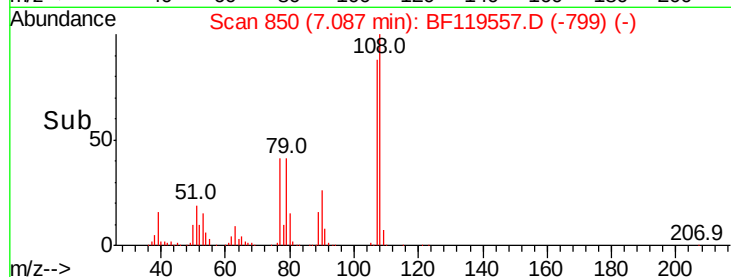
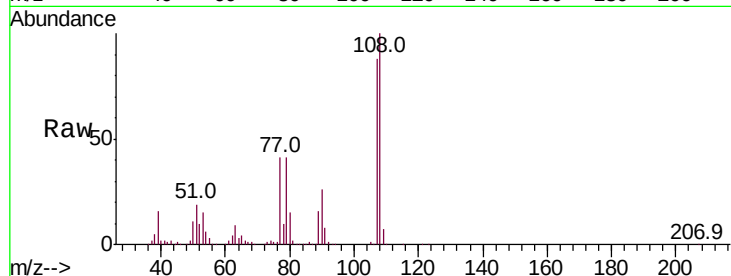




#17
2-Methylphenol
Concen: 43.055 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

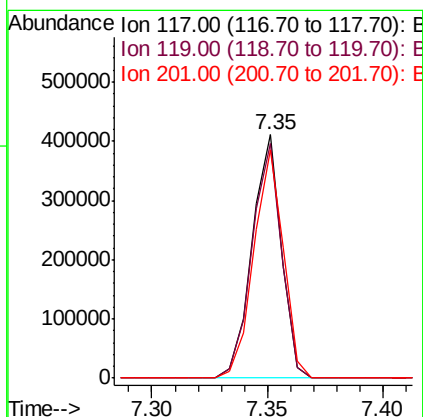
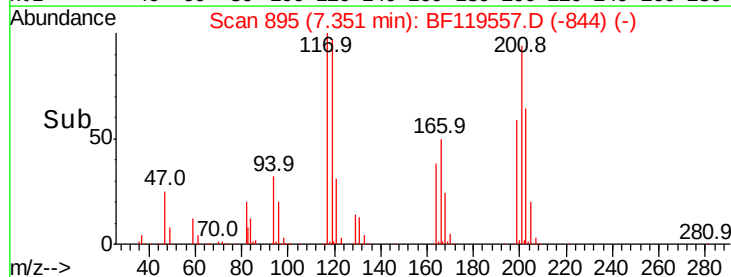
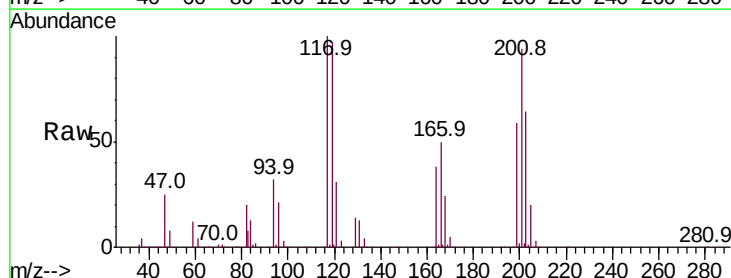
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

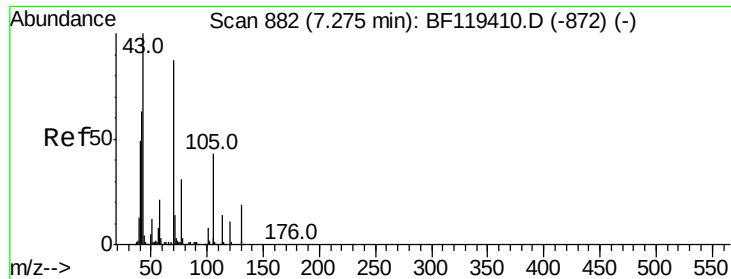
Tot Ion:	107	Resp:	775060
Ion	Ratio	Lower	Upper
107	100		
108	113.3	92.2	138.4
77	46.1	36.6	54.8
79	46.1	36.2	54.4



#18
Hexachloroethane
Concen: 46.584 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion:	117	Resp:	363108
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.1	114.1
201	93.6	73.0	109.6





#19

n-Nitroso-di-n-propylamine

Concen: 46.427 ng

RT: 7.26 min Scan# 879

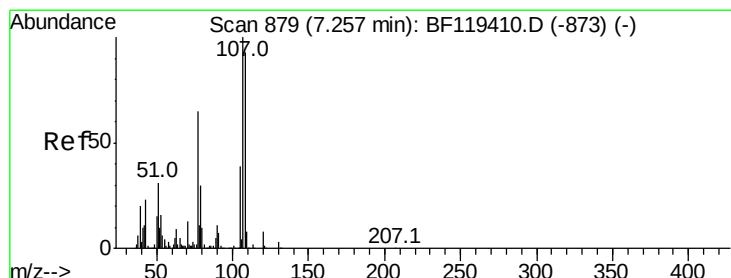
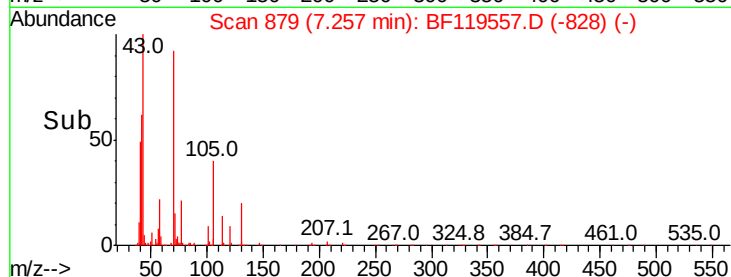
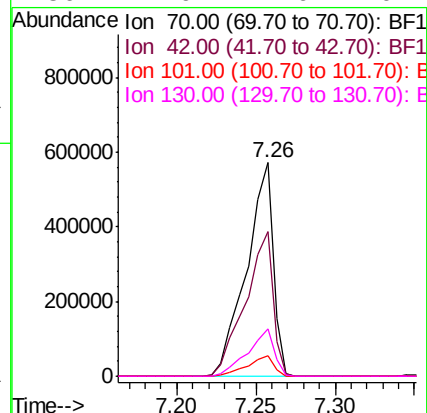
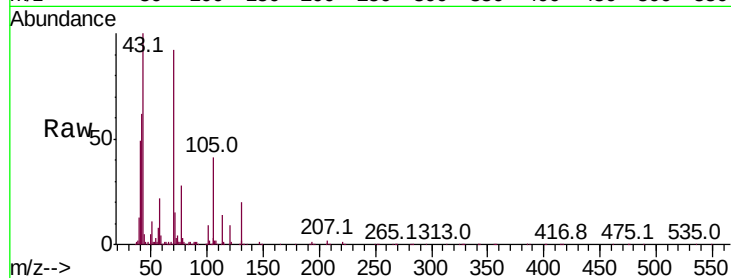
Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:	70	Resp:	668710
Ion	Ratio	Lower	Upper
70	100		
42	67.5	54.5	81.7
101	9.4	7.6	11.4
130	21.9	17.6	26.4



#20

3+4-Methylphenols

Concen: 42.185 ng

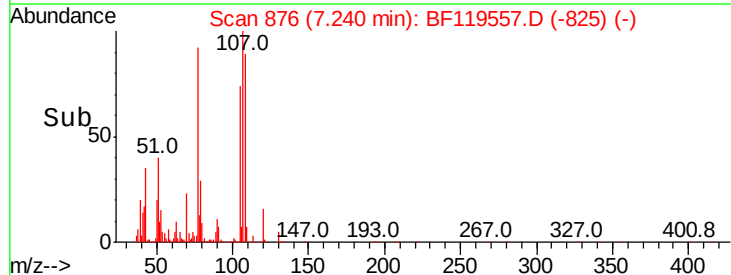
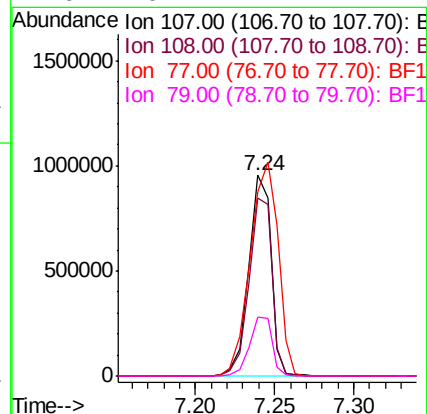
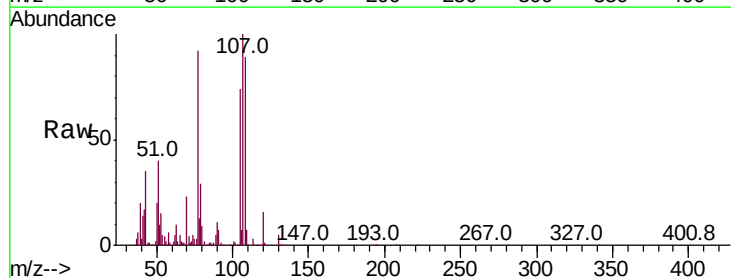
RT: 7.24 min Scan# 876

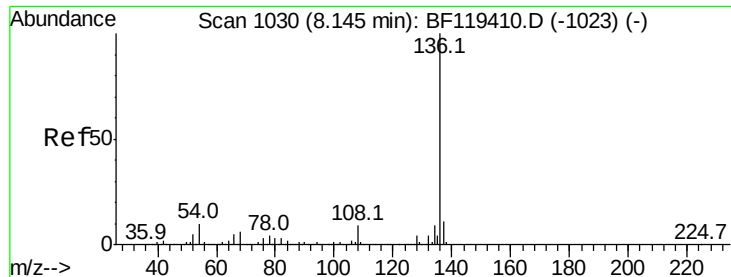
Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Tgt Ion:	107	Resp:	930661
Ion	Ratio	Lower	Upper
107	100		
108	88.8	67.9	107.9
77	91.9	52.9	92.9
79	29.1	7.7	47.7

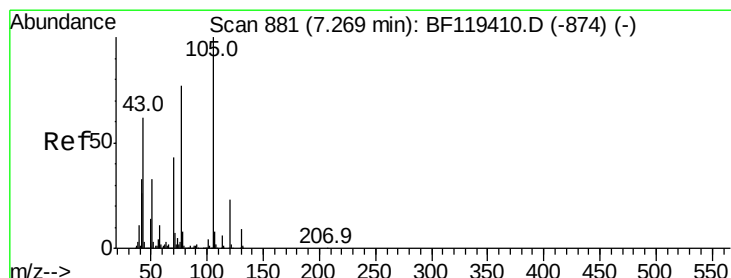
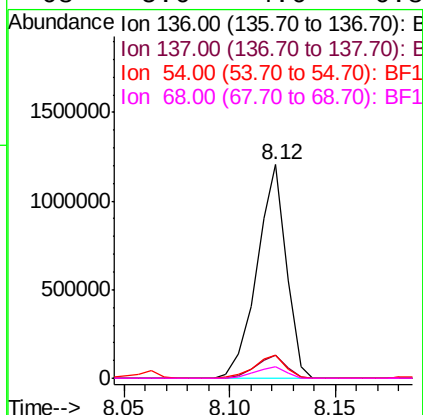
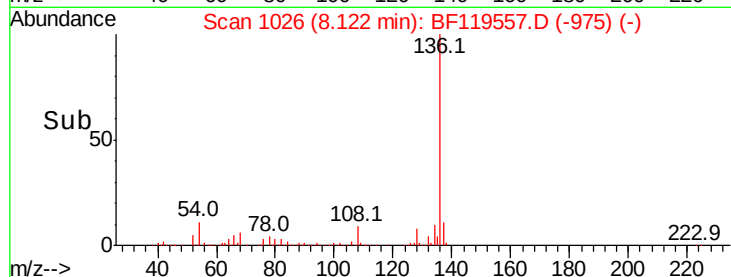
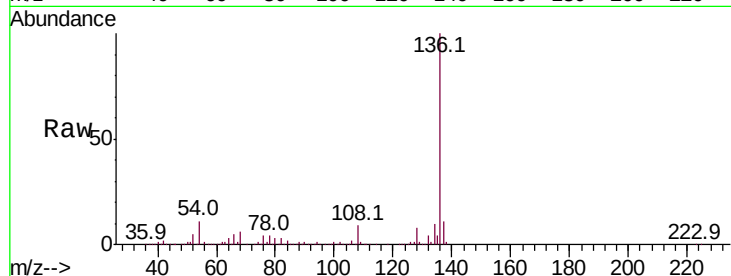




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

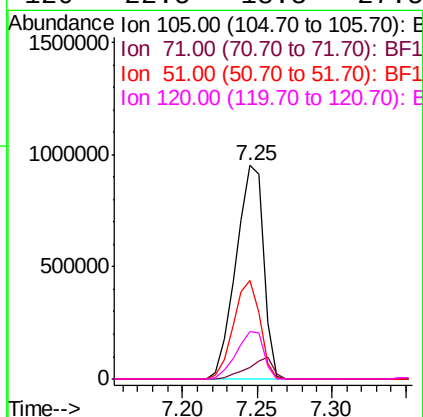
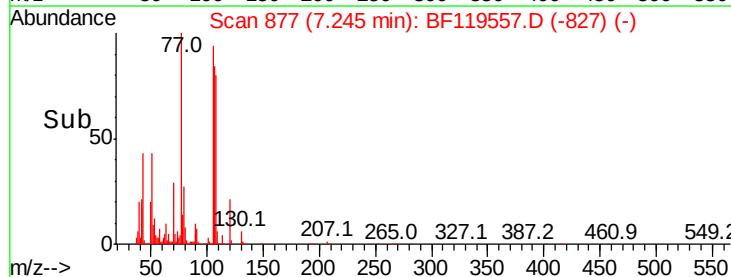
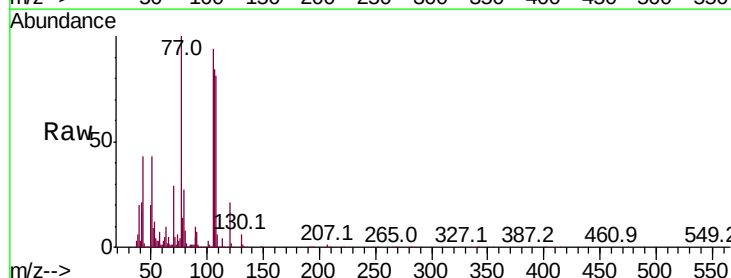
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

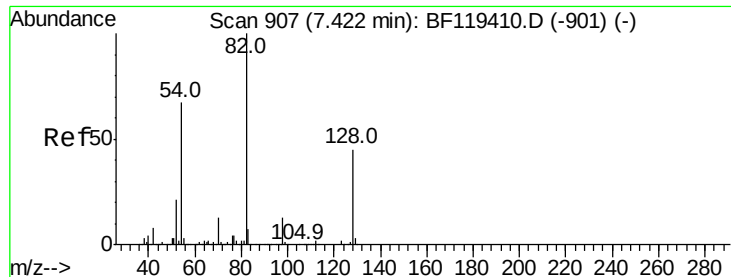
Tot Ion:136	Resp: 1163755
Ion Ratio	Lower Upper
136 100	
137 10.9	8.7 13.1
54 10.6	9.1 13.7
68 5.6	4.6 6.8



#22
Acetophenone
Concen: 44.209 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt	Ion:105	Resp:	1229354
Ion	Ratio	Lower	Upper
105	100		
71	5.3	5.7	8.5#
51	45.9	26.2	39.4#
120	22.5	18.3	27.5





#23

Nitrobenzene-d5

Concen: 80.691 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

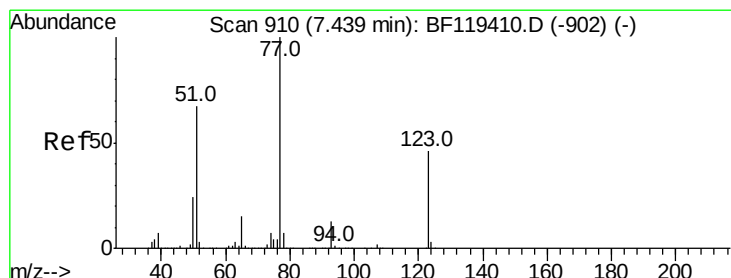
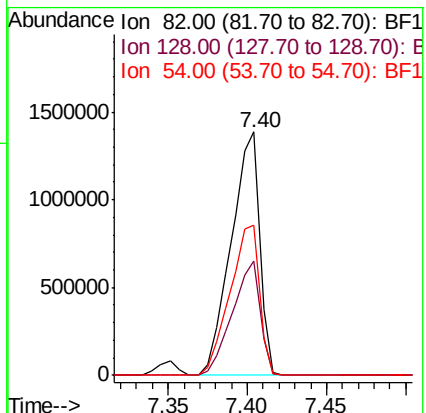
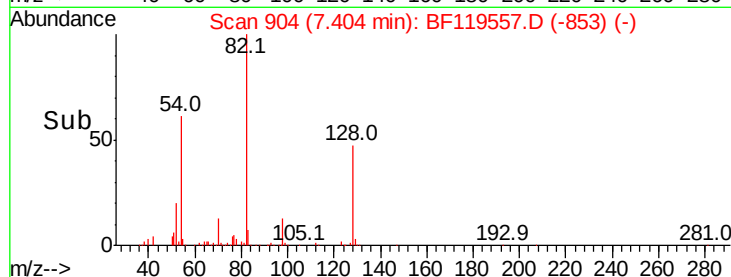
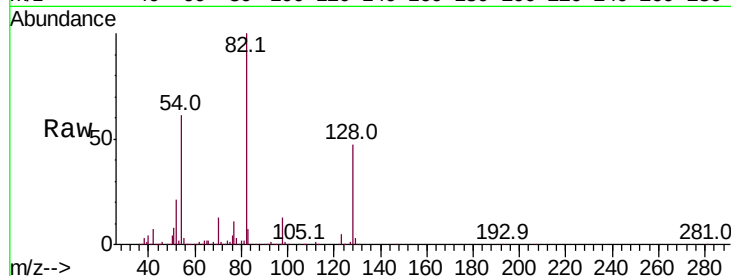
Tot Ion: 82 Resp: 1727841

Ion Ratio Lower Upper

82 100

128 46.8 36.3 54.5

54 61.5 50.6 75.8



#24

Nitrobenzene

Concen: 43.481 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

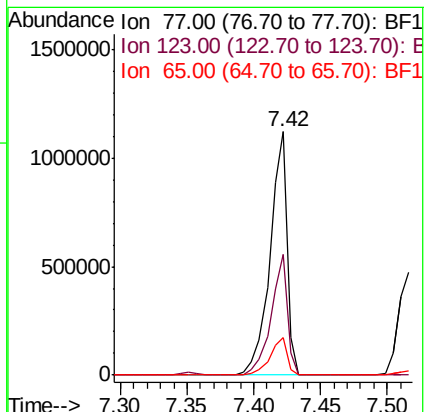
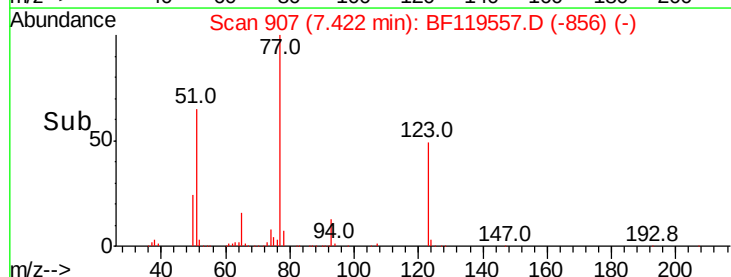
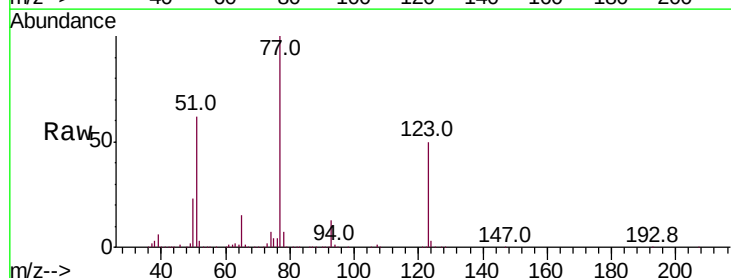
Tgt Ion: 77 Resp: 995014

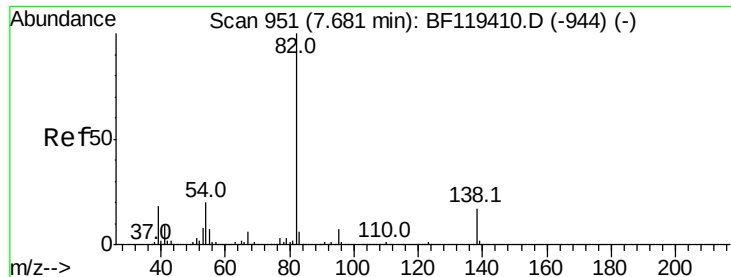
Ion Ratio Lower Upper

77 100

123 49.6 38.0 57.0

65 15.3 12.6 18.8





#25

Isophorone

Concen: 43.353 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

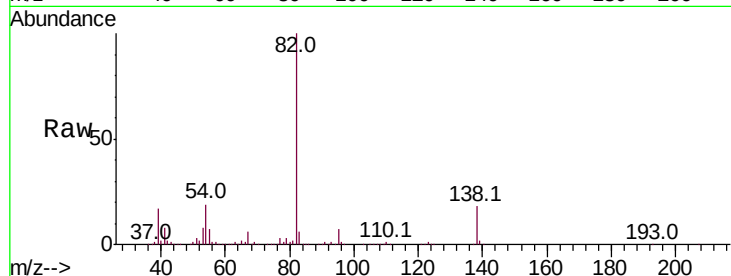
Tot Ion: 82 Resp: 1883110

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

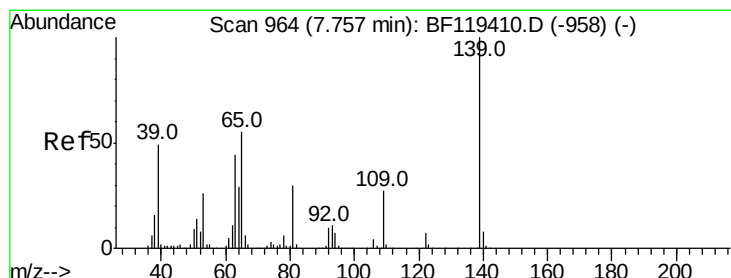
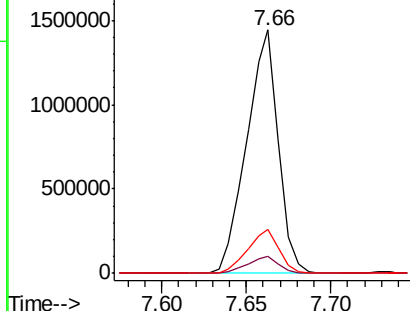
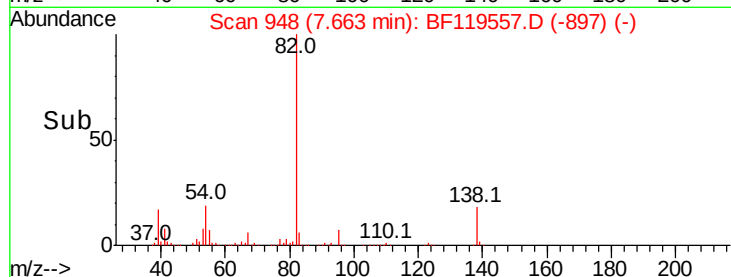
138 18.1 14.6 21.8



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: 57.034 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

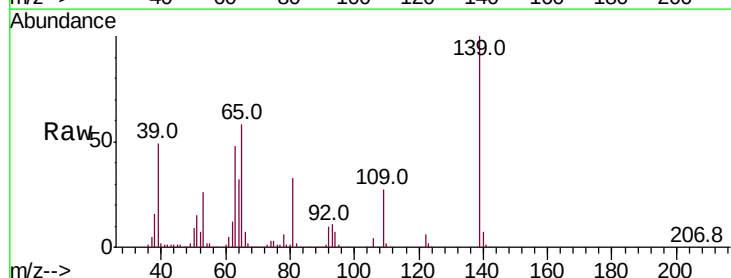
Tgt Ion:139 Resp: 513896

Ion Ratio Lower Upper

139 100

109 27.4 22.1 33.1

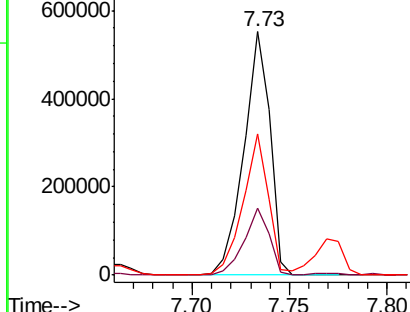
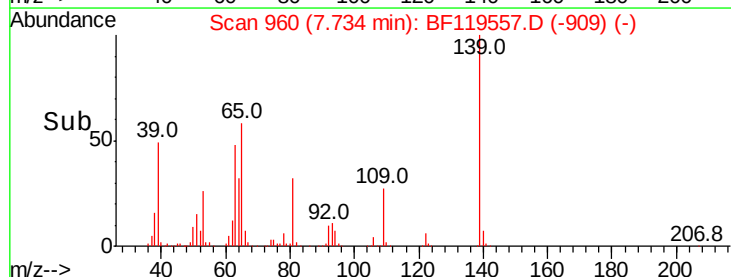
65 57.8 49.2 73.8

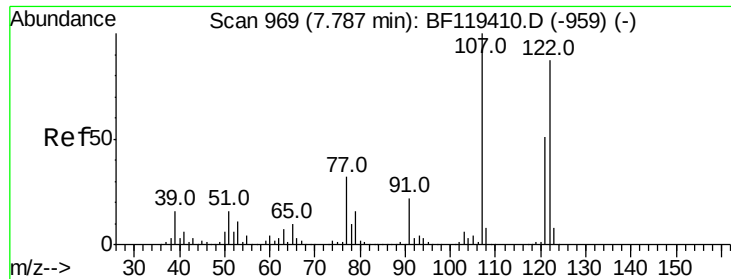


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

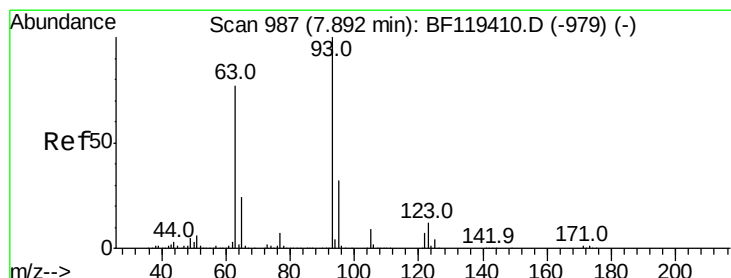
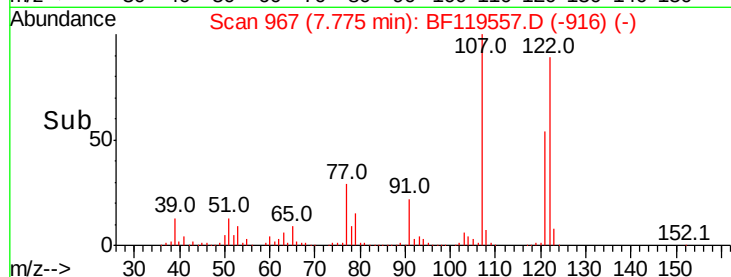
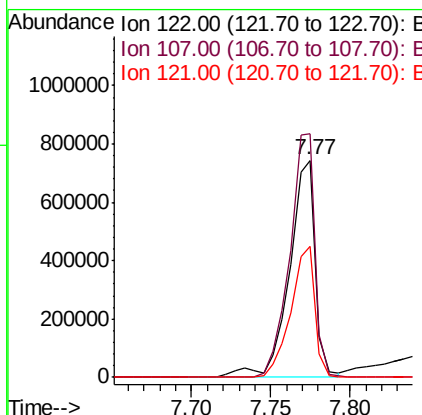
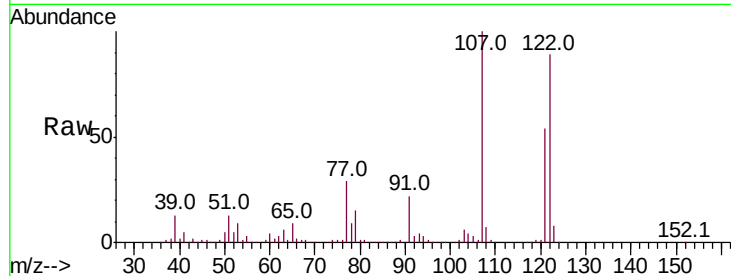




#27
2,4-Dimethylphenol
Concen: 45.256 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

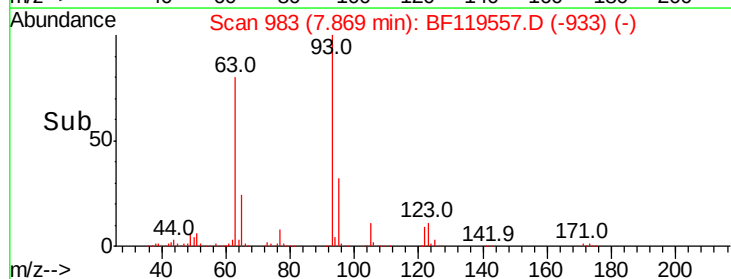
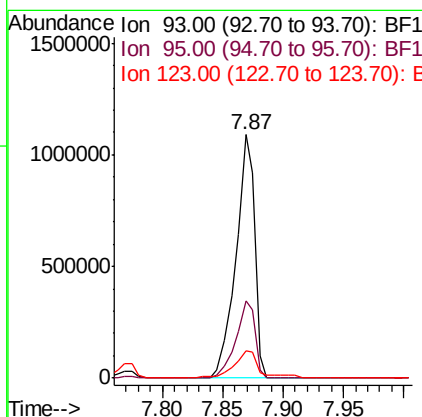
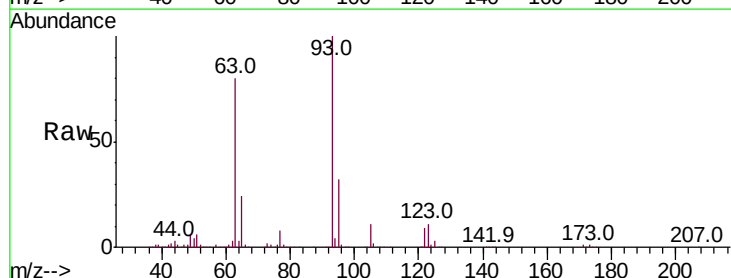
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

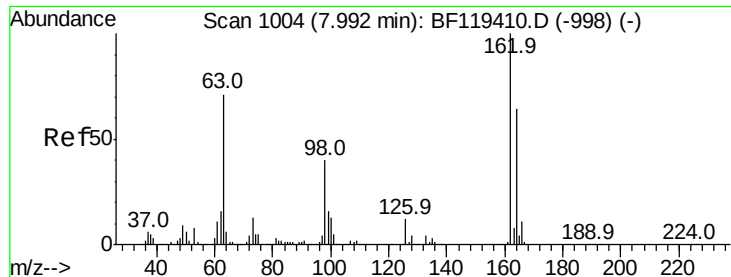
Tot Ion:122 Resp: 843173
Ion Ratio Lower Upper
122 100
107 112.1 89.0 133.6
121 60.4 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 45.893 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion: 93 Resp: 1178790
Ion Ratio Lower Upper
93 100
95 31.6 26.3 39.5
123 11.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 46.678 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

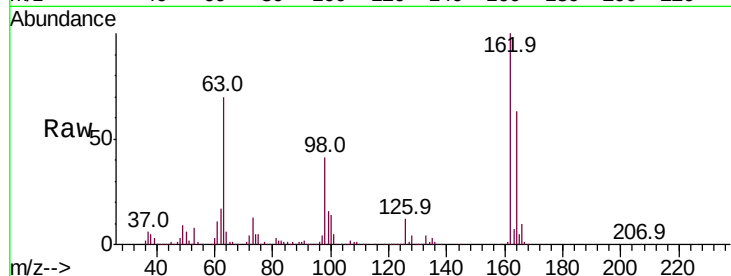
Tot Ion:162 Resp: 799076

Ion Ratio Lower Upper

162 100

164 62.5 44.7 84.7

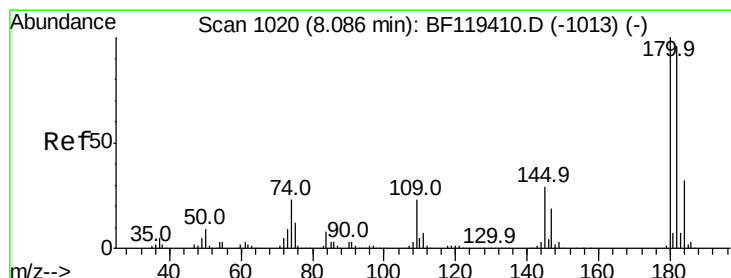
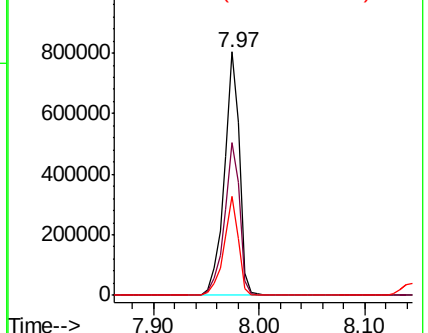
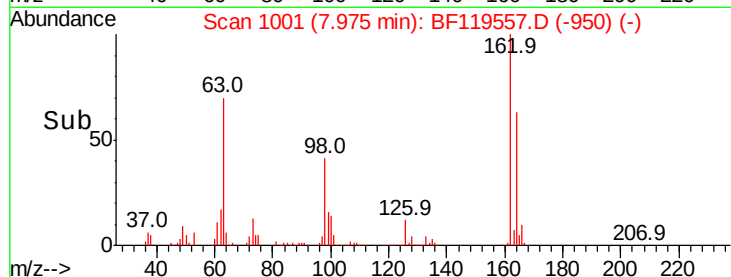
98 40.7 20.7 60.7



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: 44.389 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

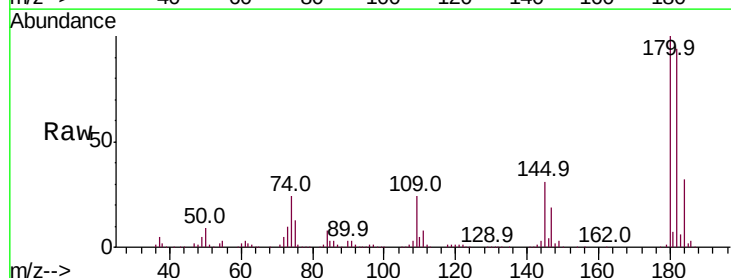
Tgt Ion:180 Resp: 840360

Ion Ratio Lower Upper

180 100

182 94.4 74.7 112.1

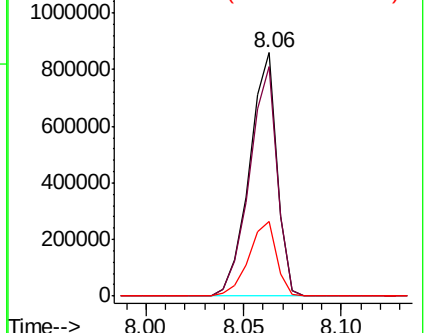
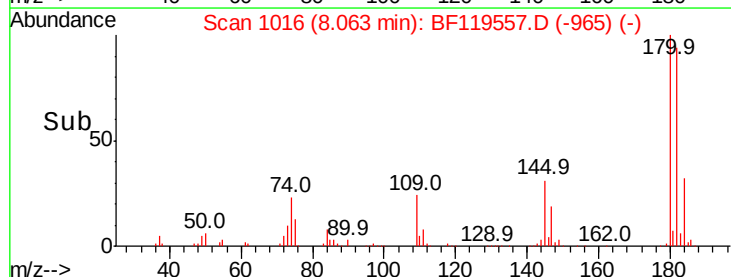
145 30.8 24.5 36.7

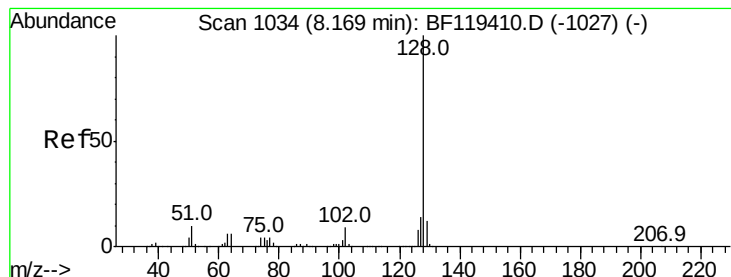


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.722 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

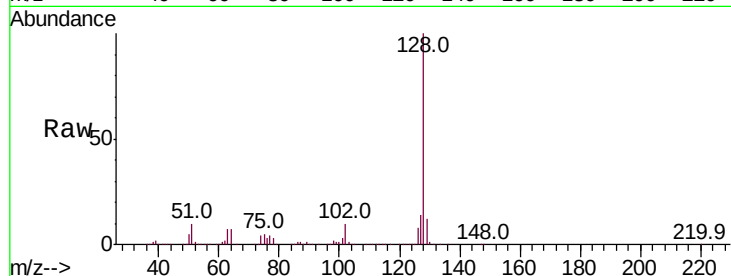
Tot Ion:128 Resp: 2618405

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

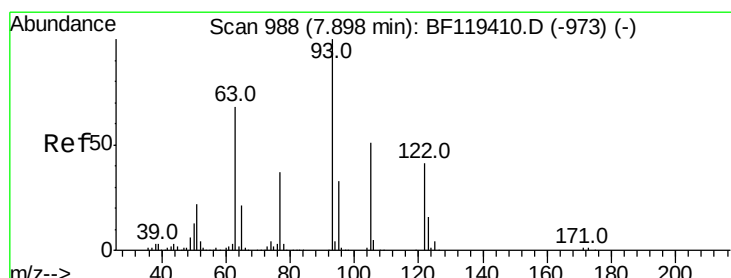
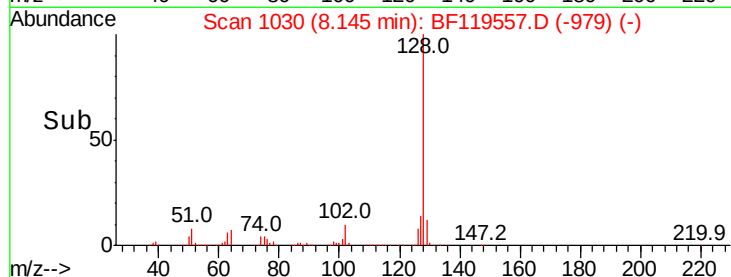
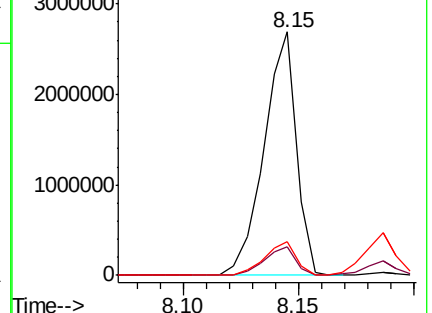
127 14.0 11.3 16.9



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: 56.666 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

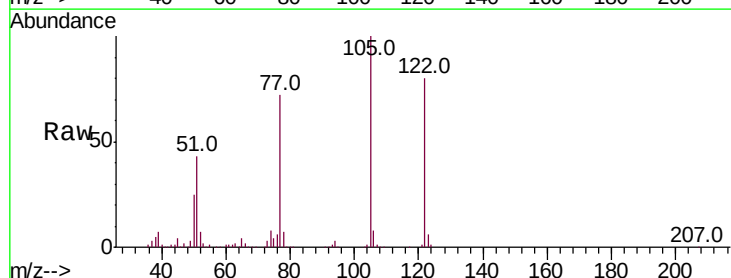
Tgt Ion:122 Resp: 679111

Ion Ratio Lower Upper

122 100

105 125.7 104.9 144.9

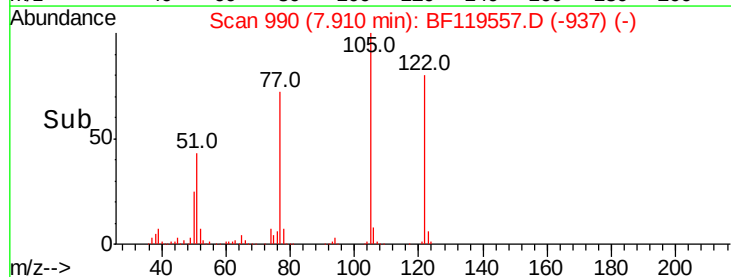
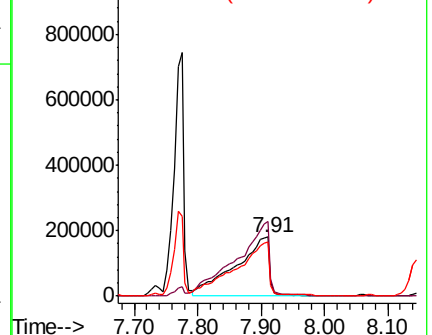
77 91.0 74.4 114.4

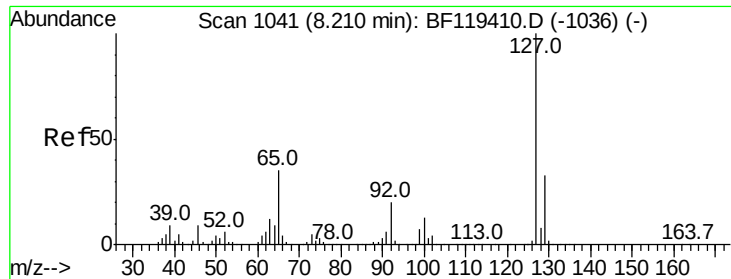


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

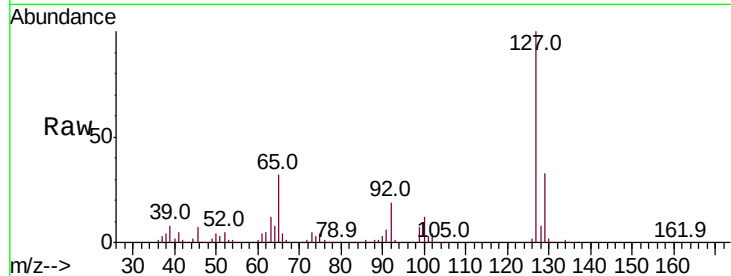




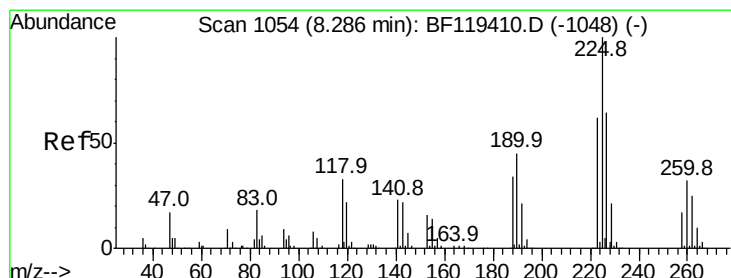
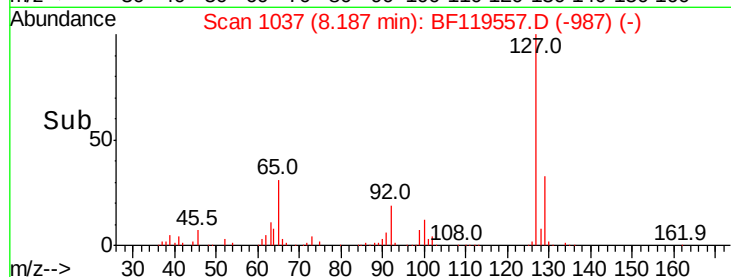
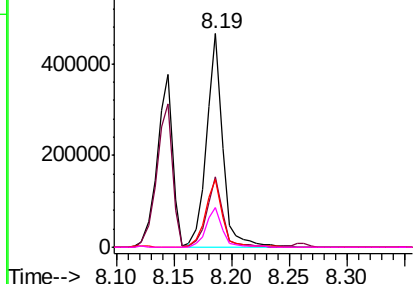
#33
4-Chloroaniline
Concen: 16.459 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:	127	Resp:	451668
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.4
65	32.1	27.4	41.0
92	18.7	15.3	22.9

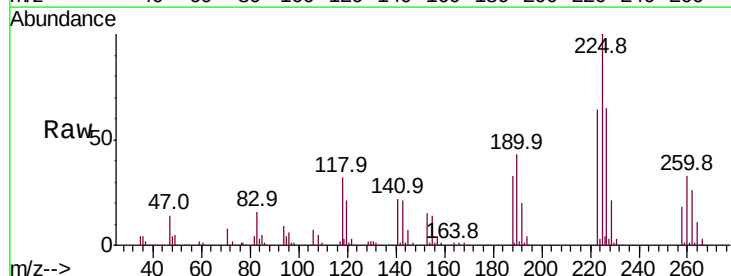


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

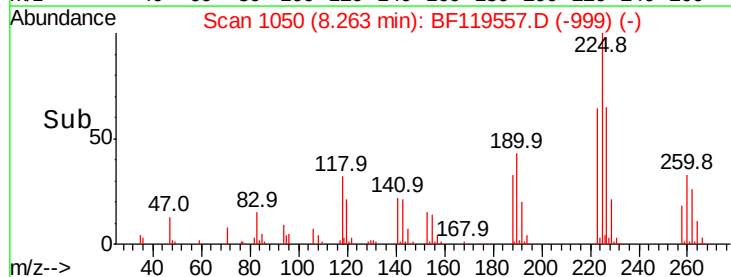
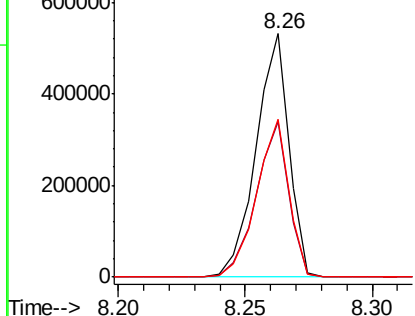


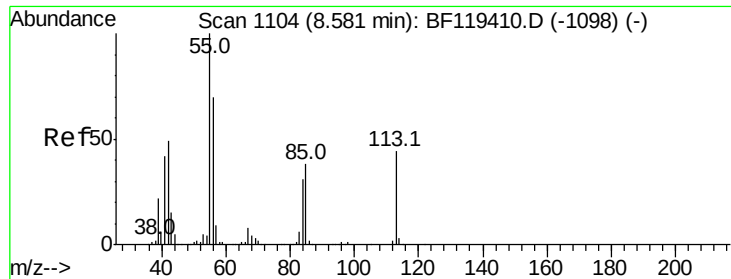
#34
Hexachlorobutadiene
Concen: 45.522 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion:	225	Resp:	482187
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.6
227	64.7	50.7	76.1



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





#35

Caprolactam

Concen: 25.057 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

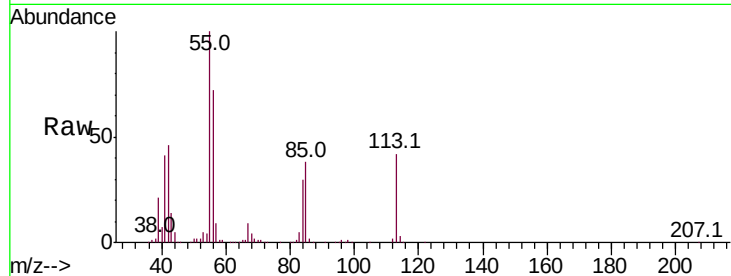
Tot Ion:113 Resp: 140385

Ion Ratio Lower Upper

113 100

55 239.9 218.4 258.4

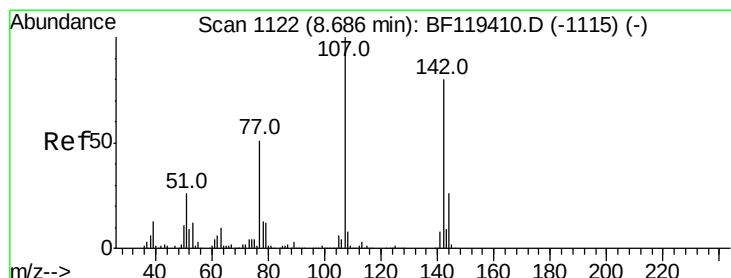
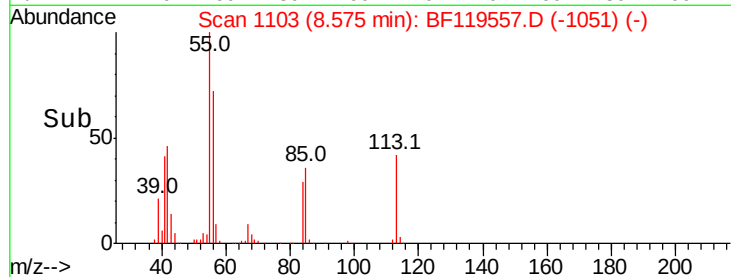
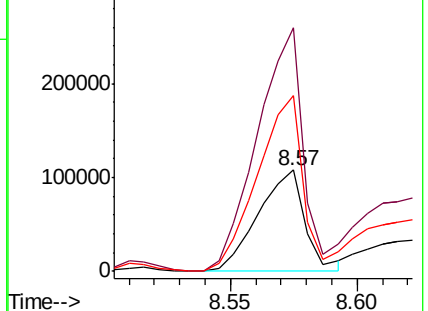
56 173.4 148.9 188.9



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: 46.509 ng

RT: 8.67 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

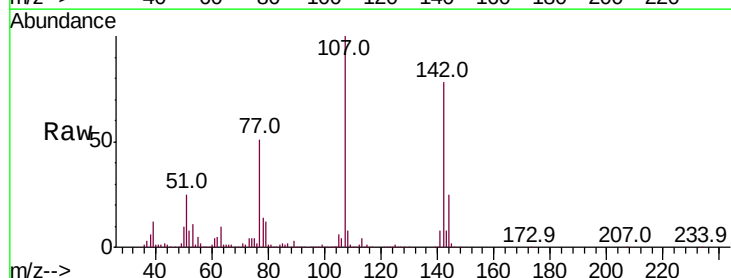
Tgt Ion:107 Resp: 870201

Ion Ratio Lower Upper

107 100

144 25.2 21.0 31.6

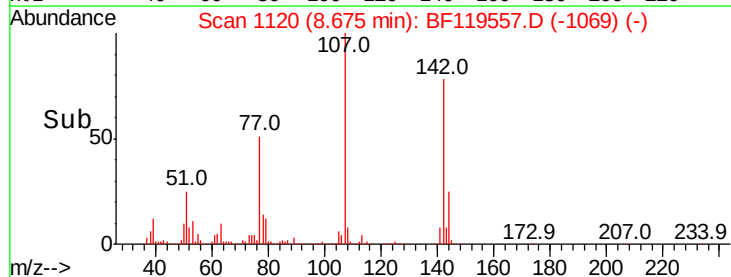
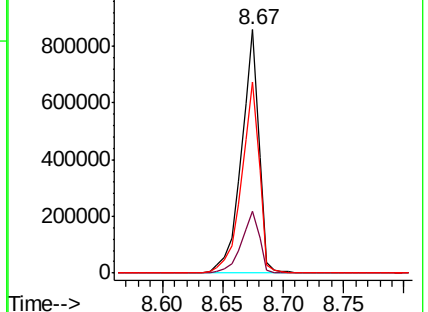
142 78.4 64.4 96.6

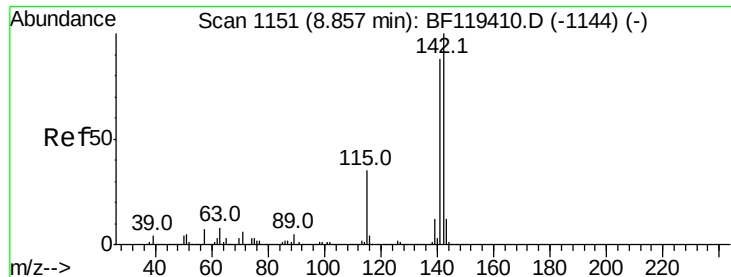


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.643 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF119557.D

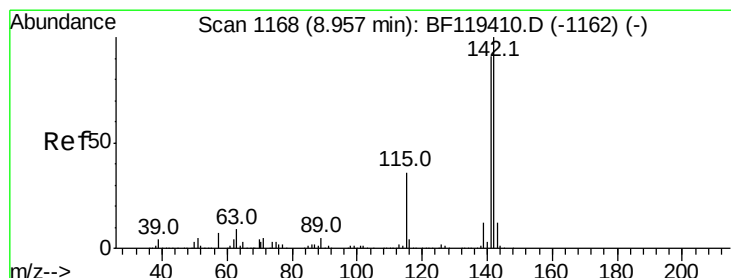
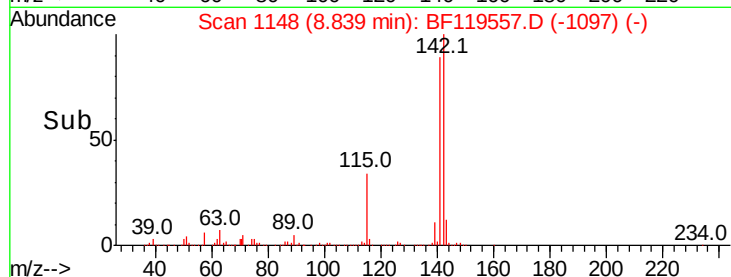
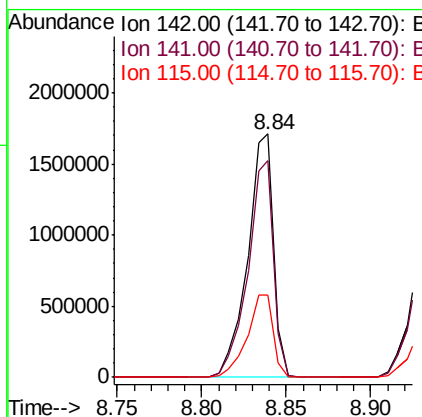
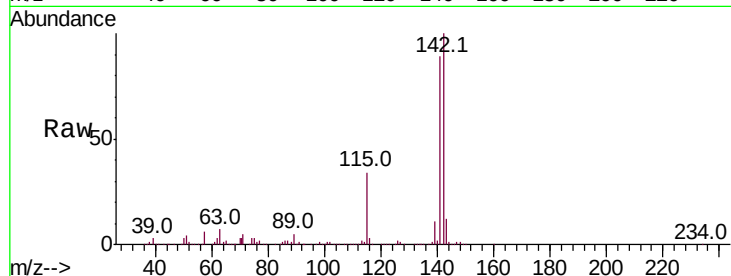
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F

ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:142 Resp: 1833274

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.7	107.5
115	33.7	27.9	41.9



#38

1-Methylnaphthalene

Concen: 47.036 ng

RT: 8.94 min Scan# 1165

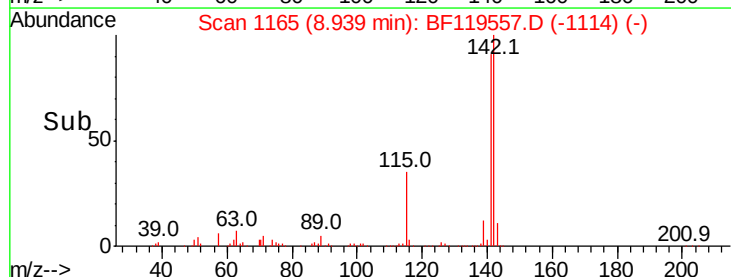
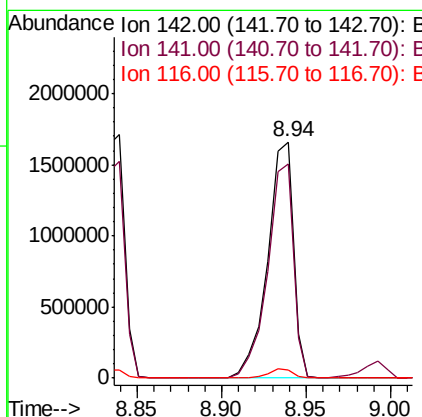
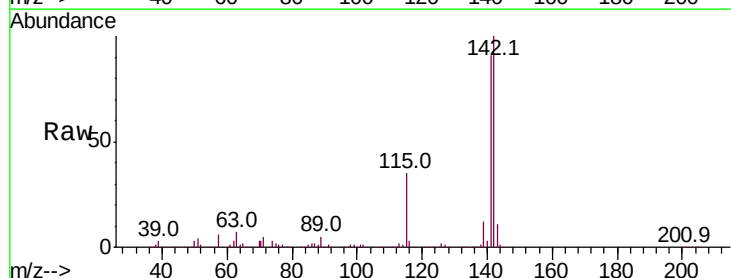
Delta R.T. -0.00 min

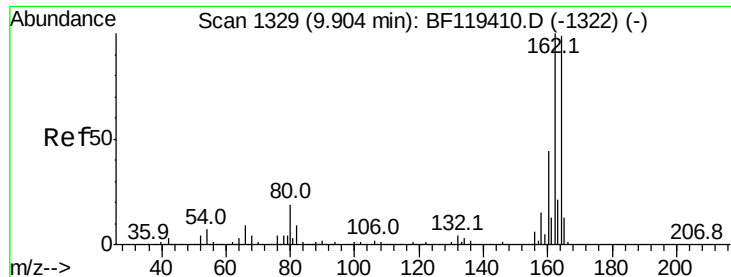
Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Tgt Ion:142 Resp: 1749838

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.7	110.5
116	3.5	3.0	4.6

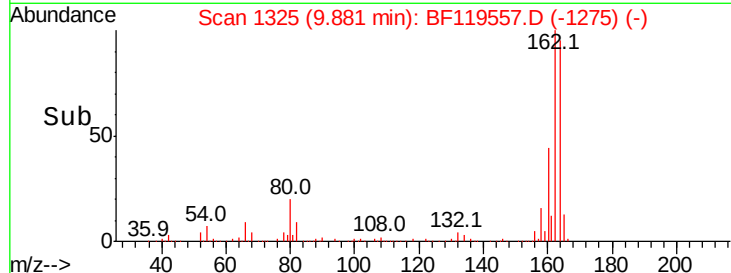
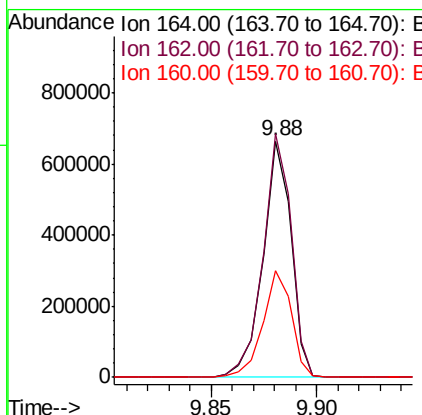
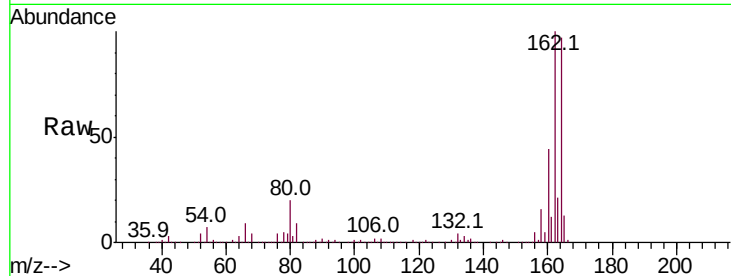




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

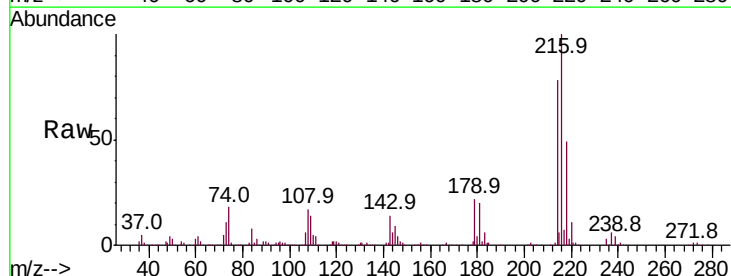
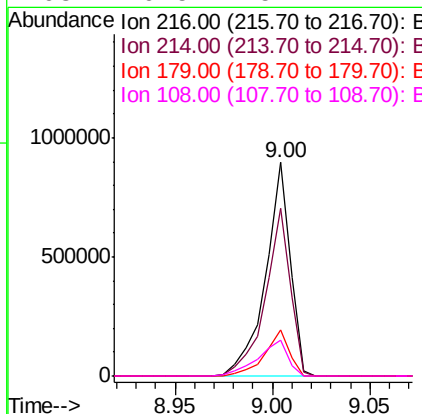
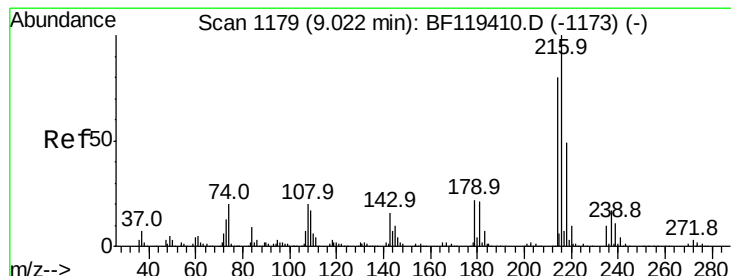
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

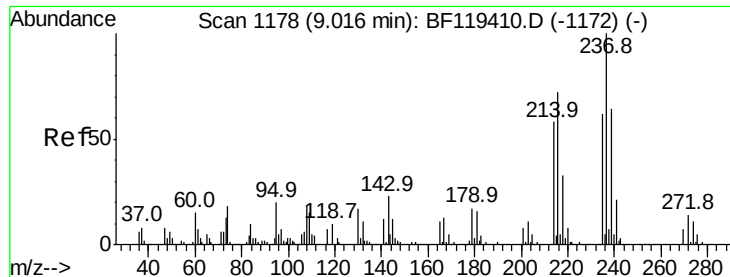
Tot Ion:164 Resp: 619145
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.6 121.0
 160 45.1 35.7 53.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.417 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion:216 Resp: 787920
 Ion Ratio Lower Upper
 216 100
 214 79.0 63.2 94.8
 179 21.3 17.1 25.7
 108 20.5 15.1 22.7

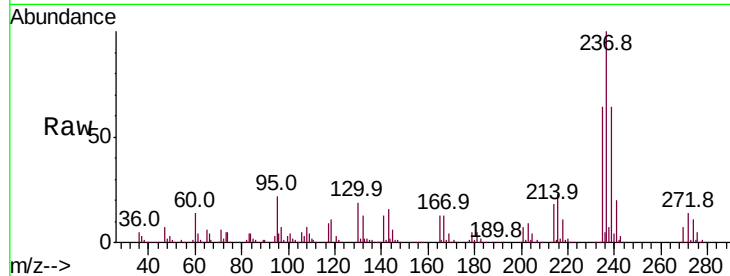




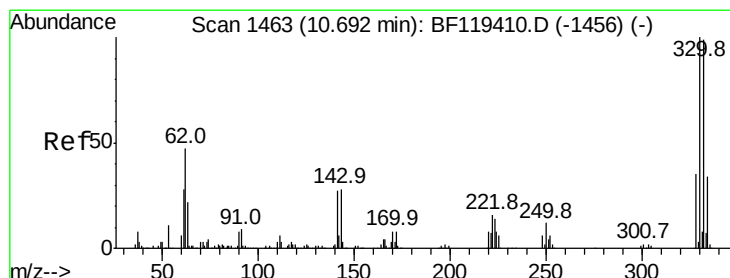
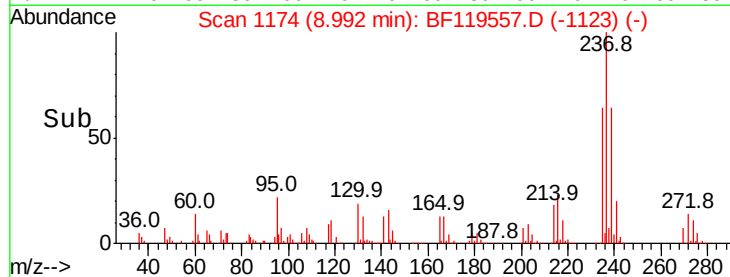
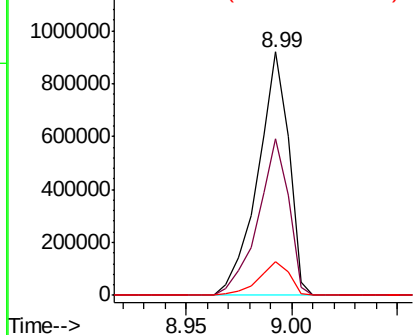
#41
Hexachlorocyclopentadiene
Concen: 91.142 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:237 Resp: 940330
Ion Ratio Lower Upper
237 100
235 64.4 43.2 83.2
272 13.7 0.0 34.1

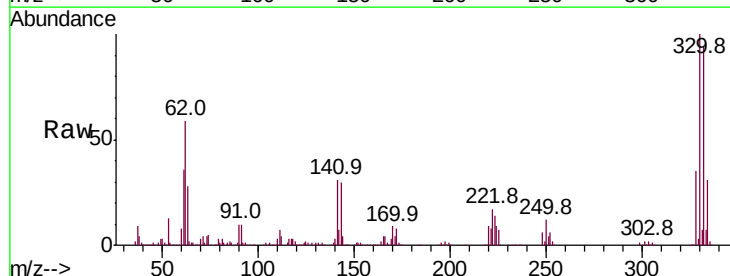


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

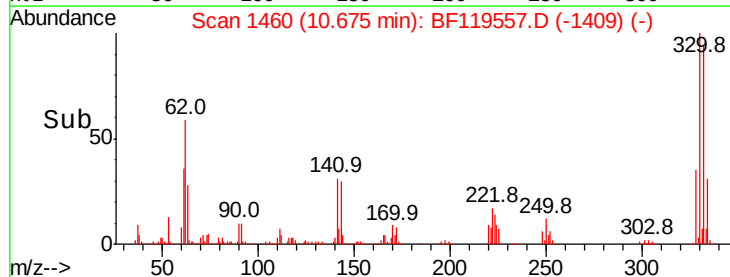
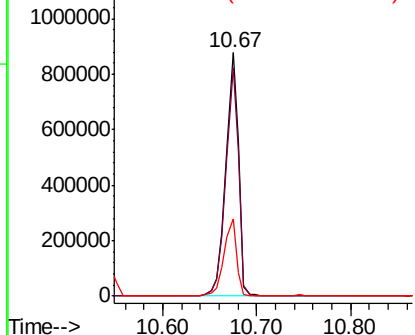


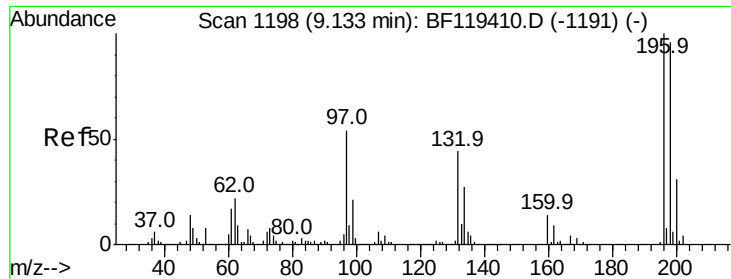
#42
2,4,6-Tribromophenol
Concen: 130.365 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion:330 Resp: 832705
Ion Ratio Lower Upper
330 100
332 94.1 75.7 113.5
141 31.2 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

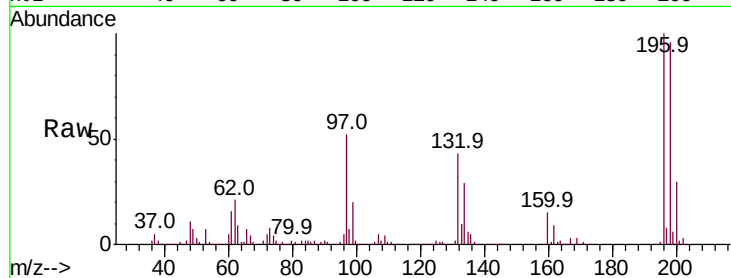




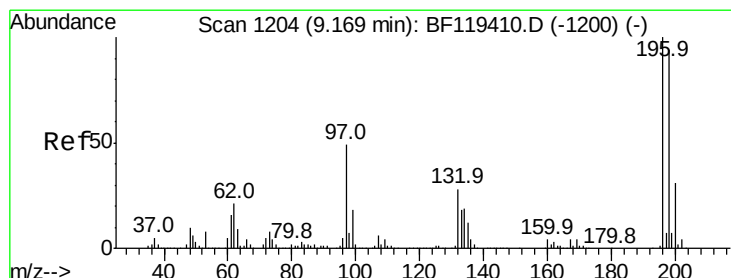
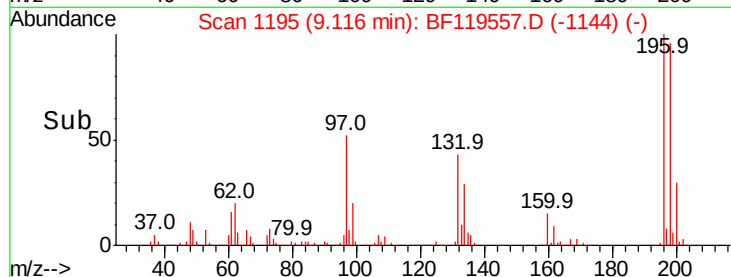
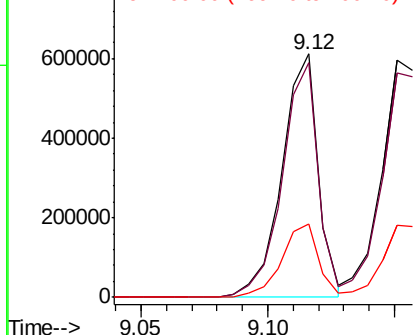
#43
 2,4,6-Trichlorophenol
 Concen: 46.836 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:196 Resp: 608253
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.6 115.0
 200 30.3 24.6 36.8

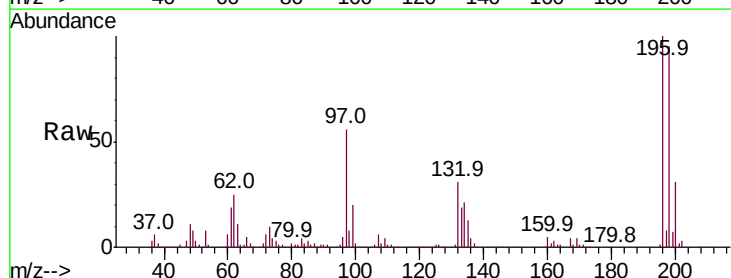


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

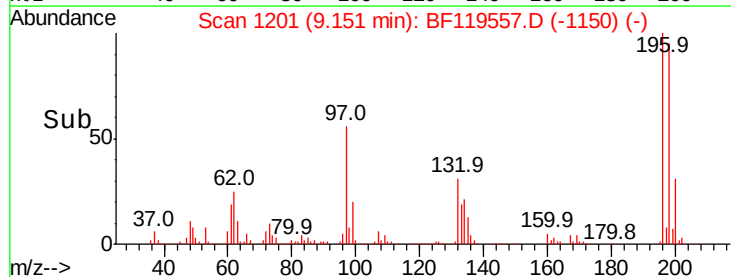
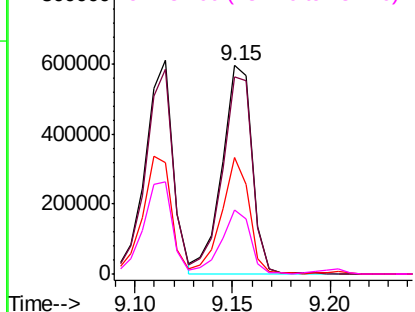


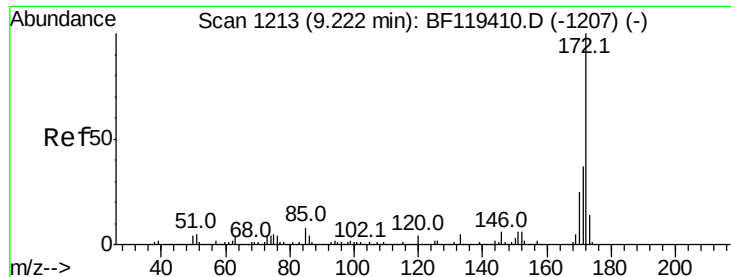
#44
 2,4,5-Trichlorophenol
 Concen: 43.804 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion:196 Resp: 637278
 Ion Ratio Lower Upper
 196 100
 198 94.6 73.8 110.8
 97 55.8 42.6 63.8
 132 31.0 24.0 36.0



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

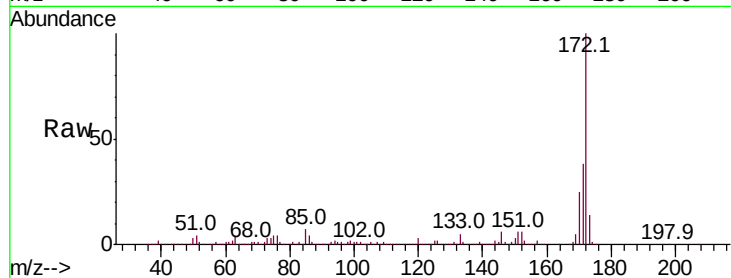




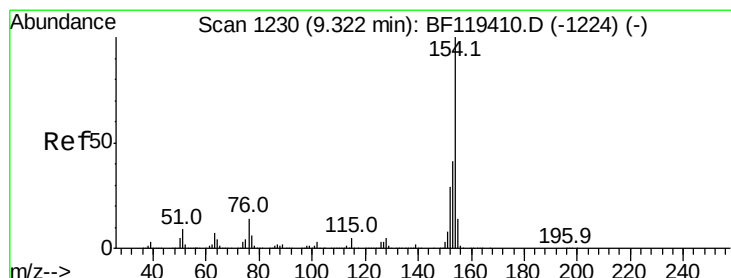
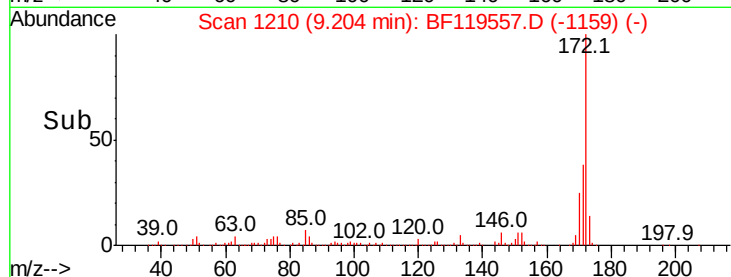
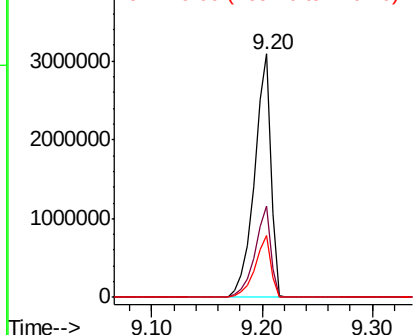
#45
2-Fluorobiphenyl
Concen: 77.134 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:172 Resp: 3223615
Ion Ratio Lower Upper
172 100
171 37.7 29.6 44.4
170 25.3 20.2 30.2

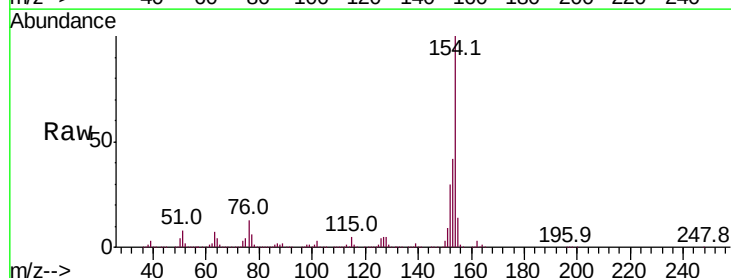


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

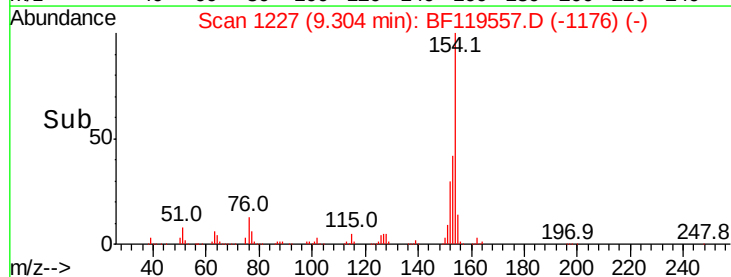
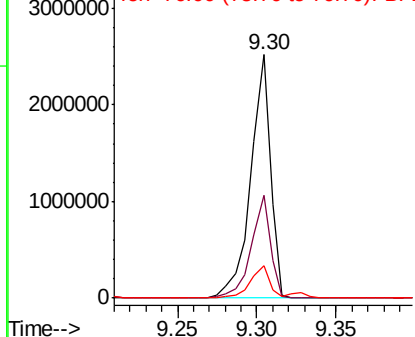


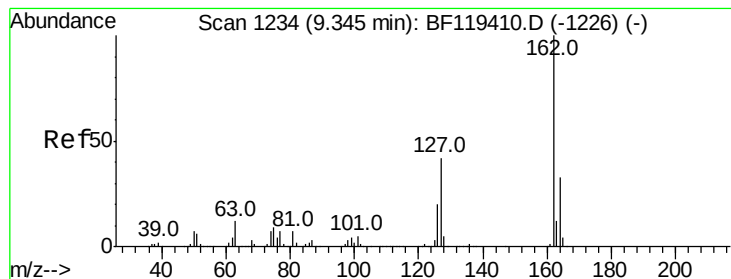
#46
1,1'-Biphenyl
Concen: 43.101 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion:154 Resp: 2173444
Ion Ratio Lower Upper
154 100
153 42.0 21.4 61.4
76 13.2 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: 43.413 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

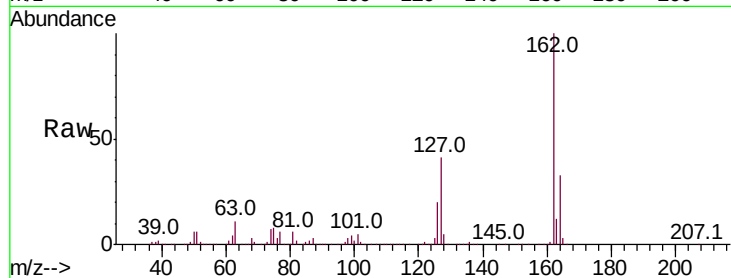
Tot Ion:162 Resp: 1714785

Ion Ratio Lower Upper

162 100

127 41.3 33.7 50.5

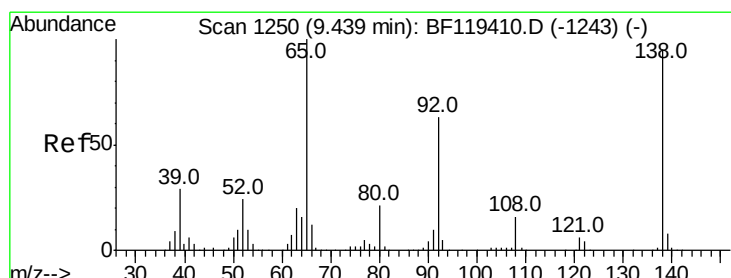
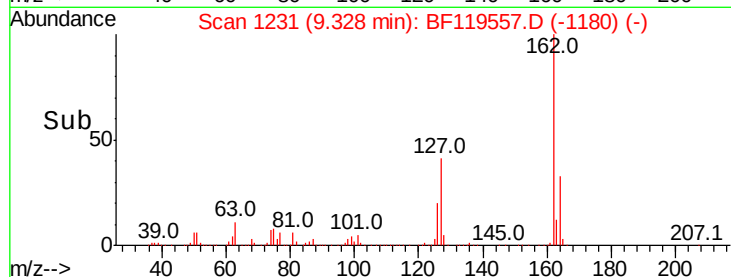
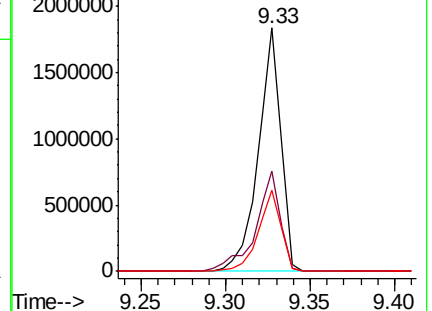
164 33.3 26.3 39.5



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: 46.980 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

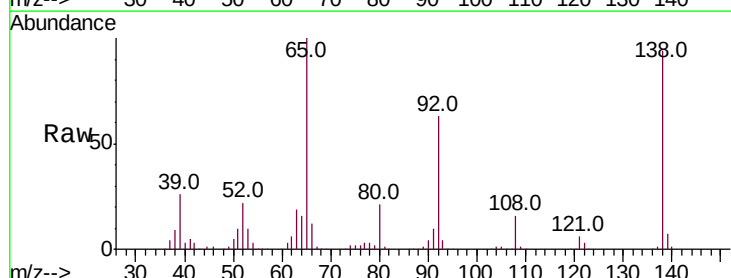
Tgt Ion: 65 Resp: 640518

Ion Ratio Lower Upper

65 100

92 62.9 50.0 75.0

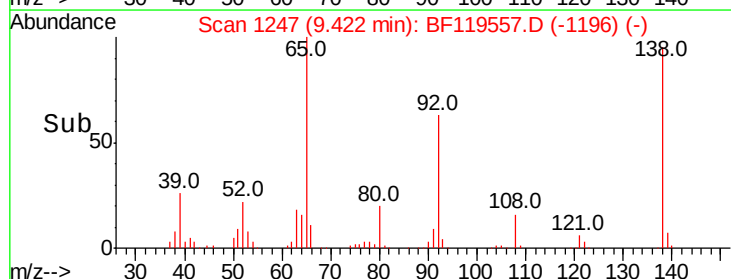
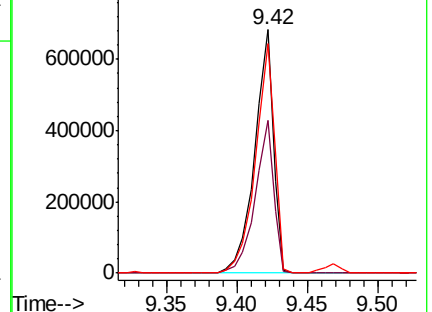
138 94.3 75.0 112.4

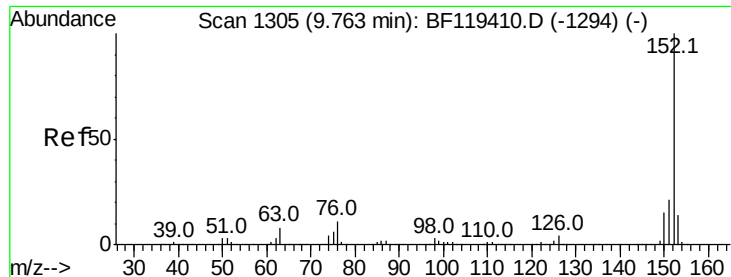


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.032 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

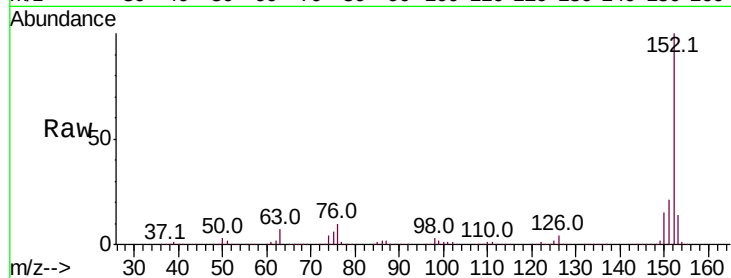
Tot Ion:152 Resp: 2669198

Ion Ratio Lower Upper

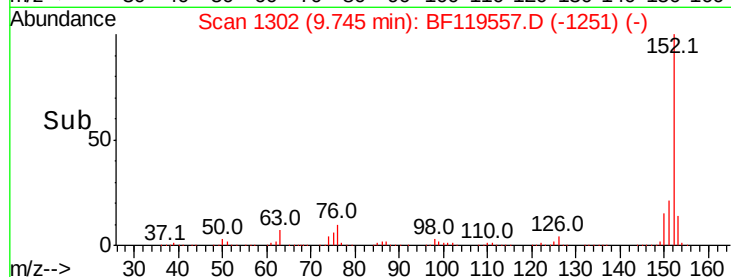
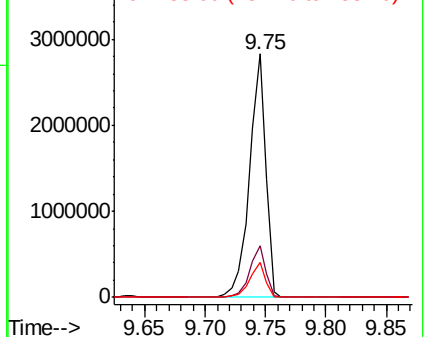
152 100

151 21.3 17.2 25.8

153 14.1 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: 49.069 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

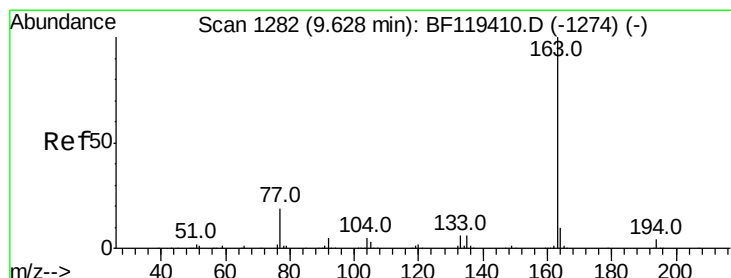
Tgt Ion:163 Resp: 2157961

Ion Ratio Lower Upper

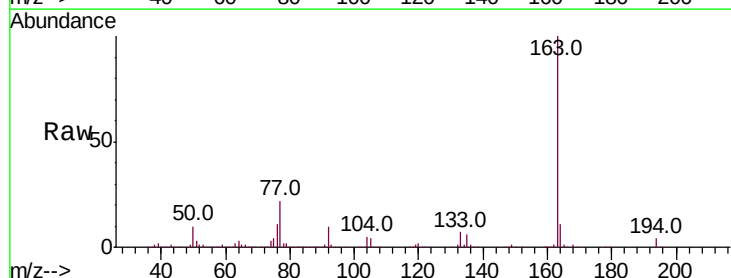
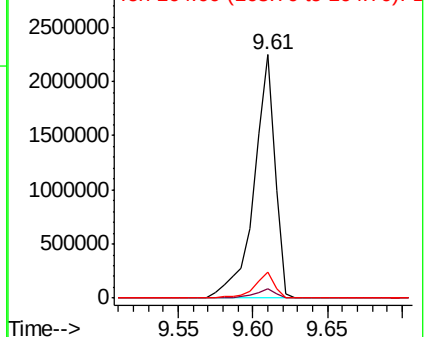
163 100

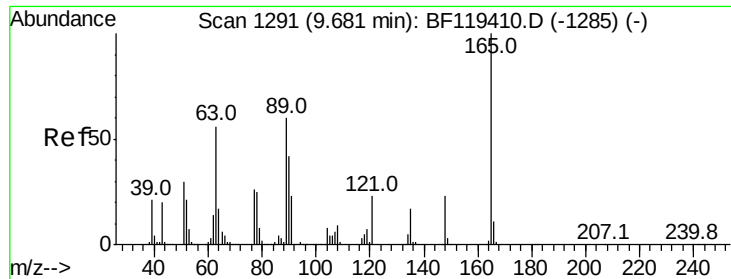
194 4.0 3.1 4.7

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: 49.136 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

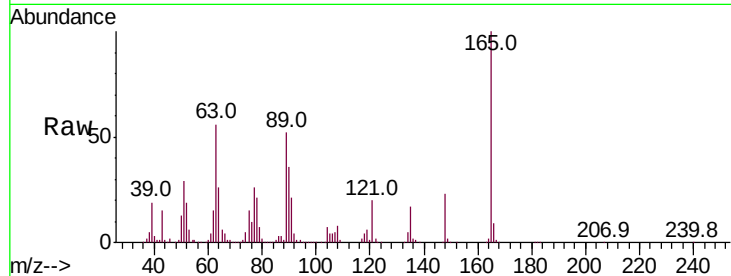
Tot Ion:165 Resp: 463176

Ion Ratio Lower Upper

165 100

63 55.9 45.0 67.4

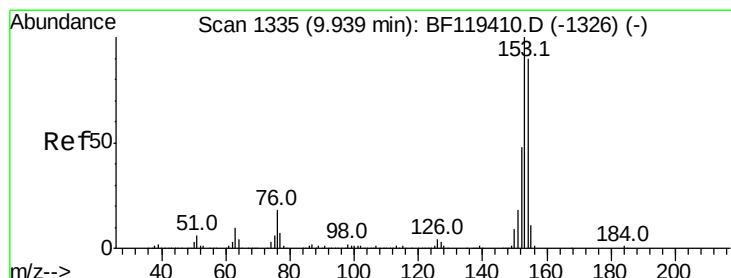
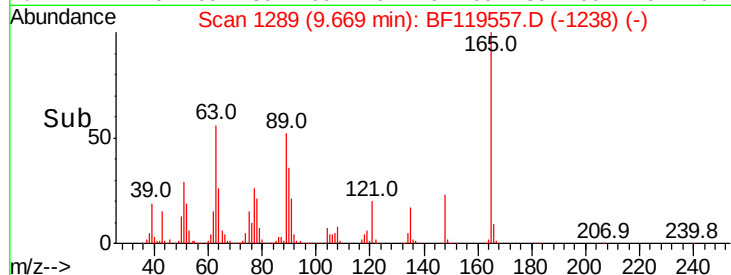
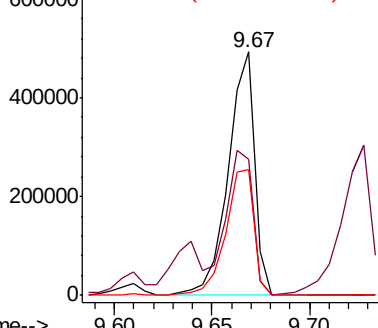
89 51.6 41.5 62.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 44.145 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

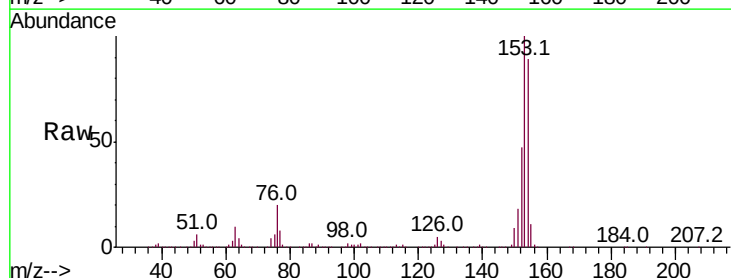
Tgt Ion:154 Resp: 1707061

Ion Ratio Lower Upper

154 100

153 112.1 88.1 132.1

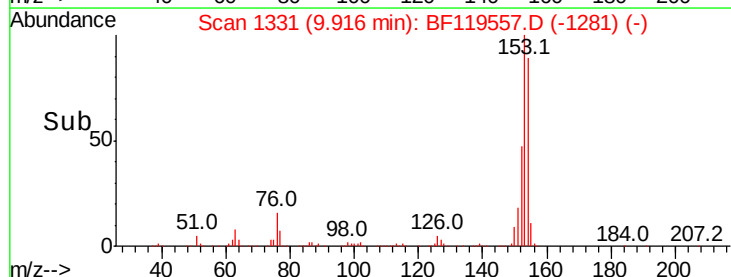
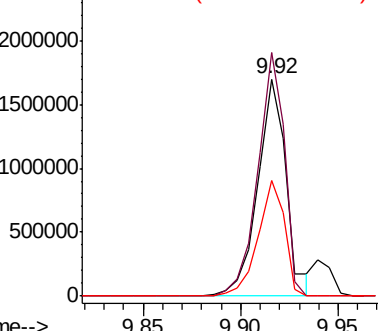
152 53.2 43.0 64.4

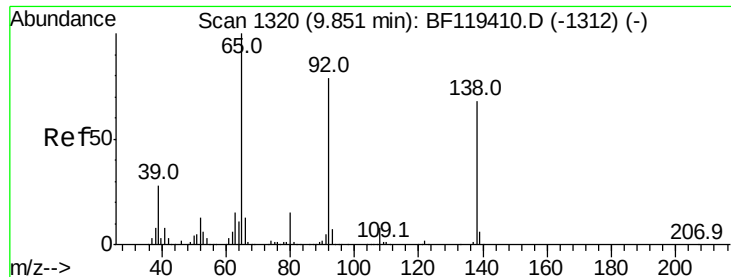


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

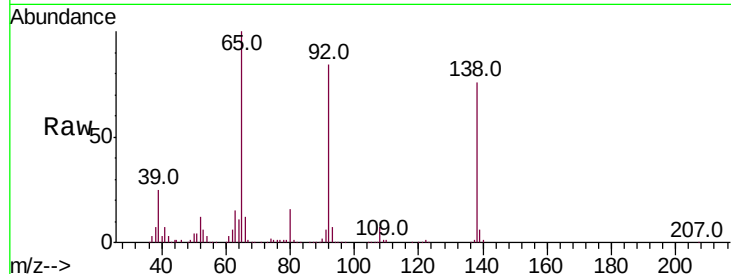




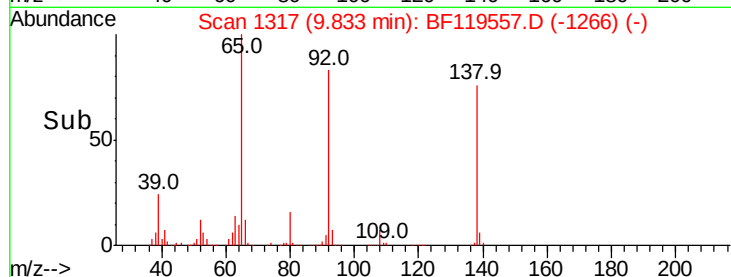
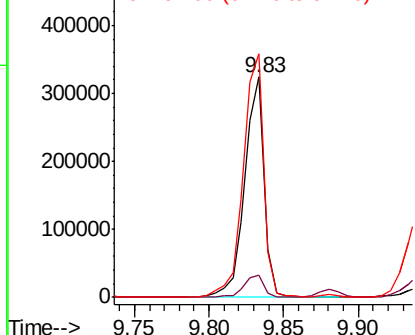
#53
3-Nitroaniline
Concen: 24.589 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:138 Resp: 292624
Ion Ratio Lower Upper
138 100
108 9.8 8.6 13.0
92 110.6 95.4 143.0

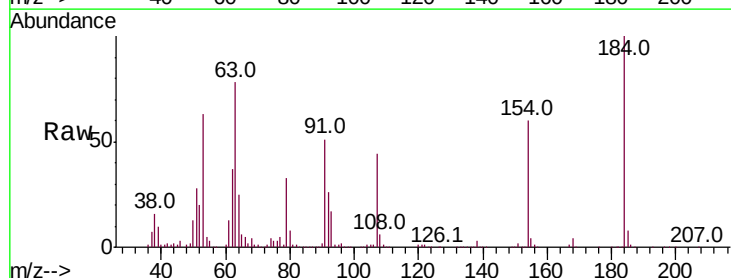
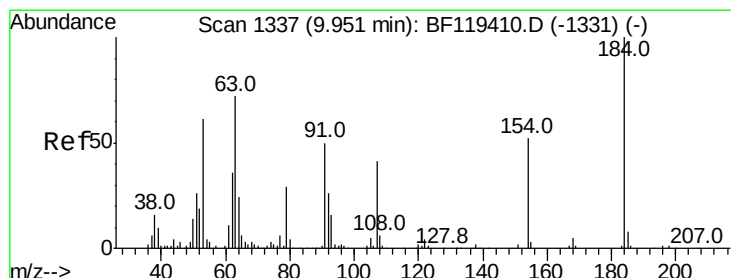


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

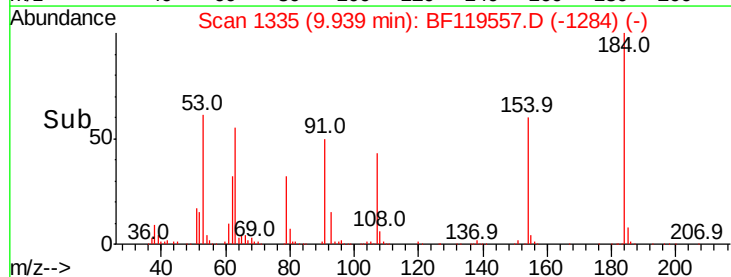
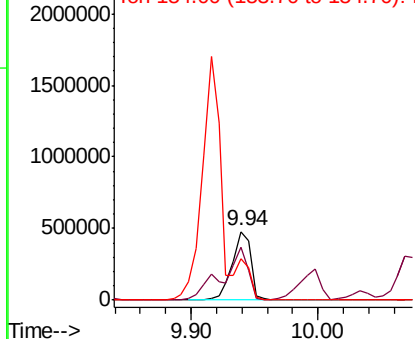


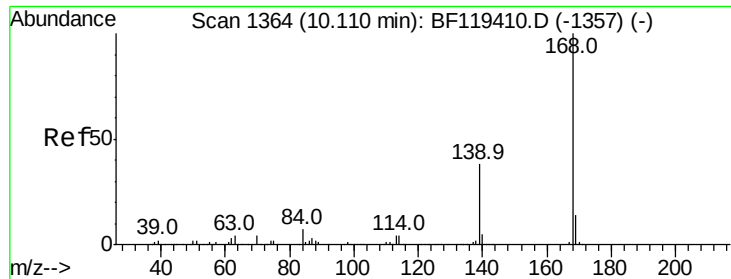
#54
2,4-Dinitrophenol
Concen: 115.951 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion:184 Resp: 487613
Ion Ratio Lower Upper
184 100
63 78.1 50.2 75.4#
154 59.7 44.5 66.7



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

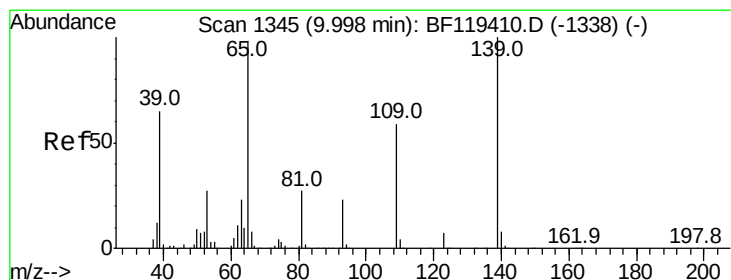
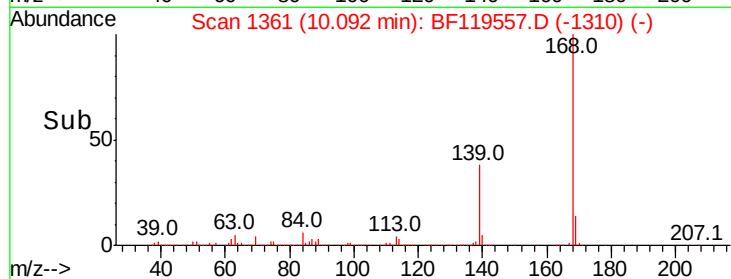
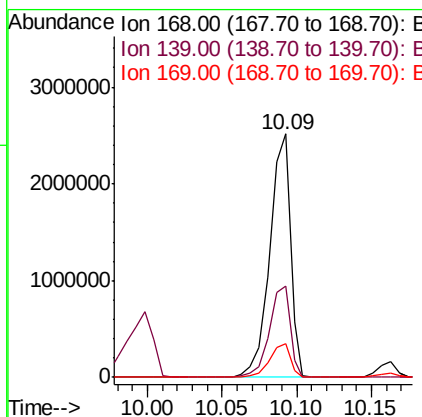
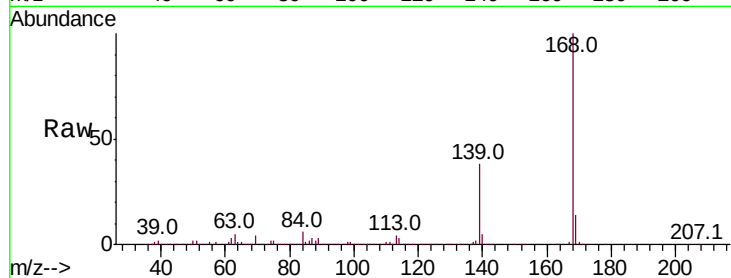




#55
Dibenzofuran
Concen: 43.489 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

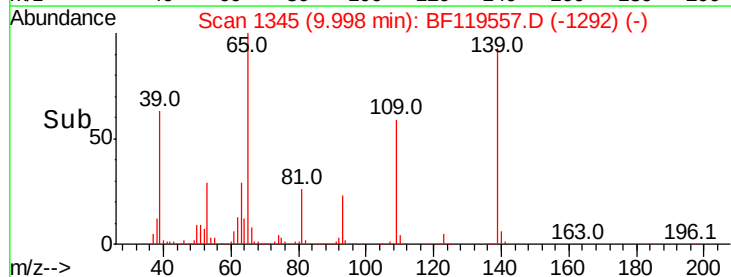
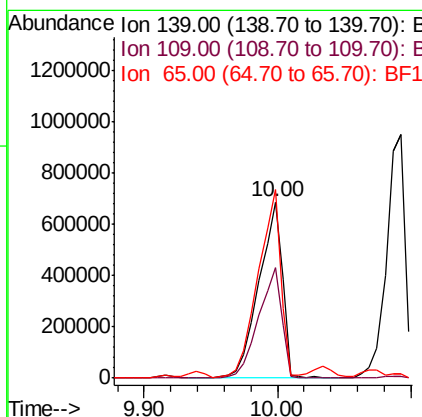
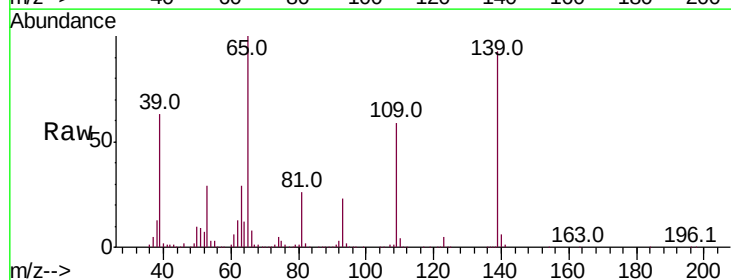
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

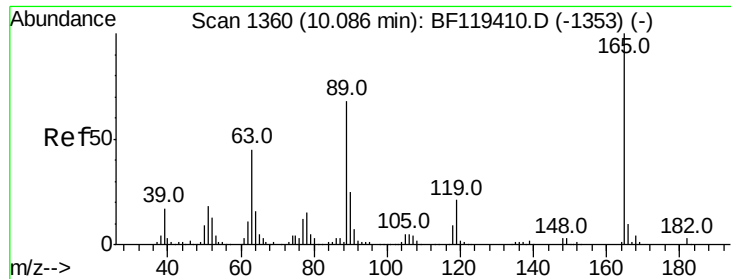
Tot Ion:168 Resp: 2411093
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 88.229 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion:139 Resp: 828301
Ion Ratio Lower Upper
139 100
109 63.2 43.3 83.3
65 107.5 91.0 131.0

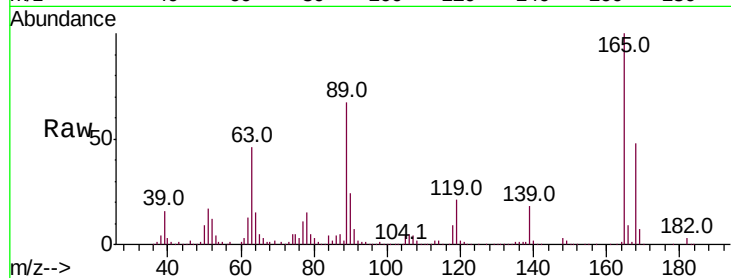




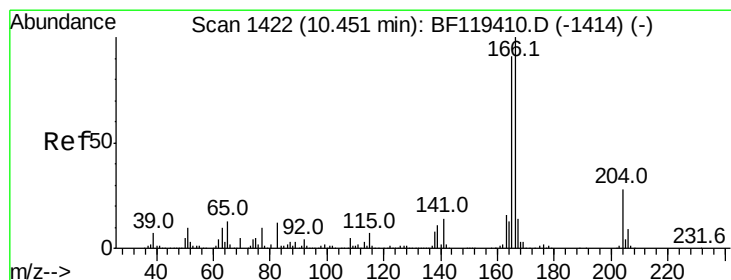
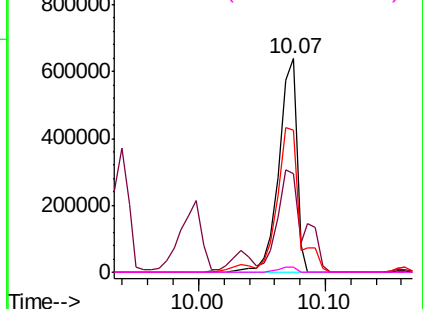
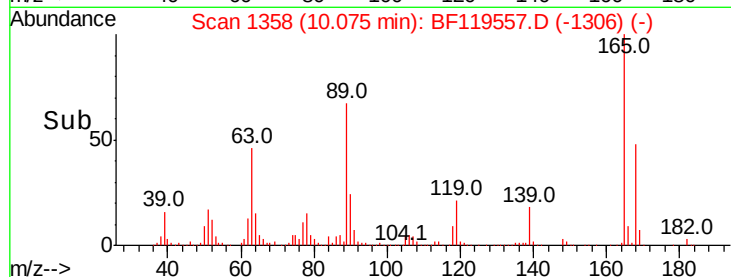
#57
 2,4-Dinitrotoluene
 Concen: 52.565 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:165 Resp: 624196
 Ion Ratio Lower Upper
 165 100
 63 46.4 42.6 64.0
 89 66.5 61.0 91.4
 182 2.6 2.2 3.2

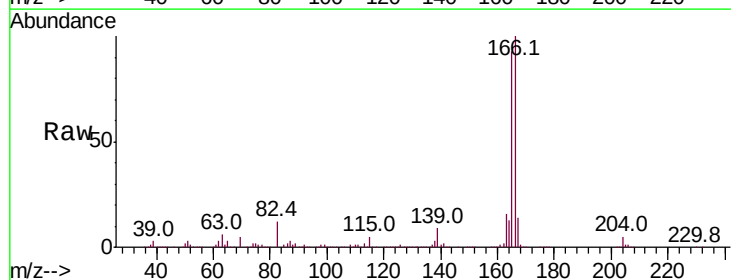


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

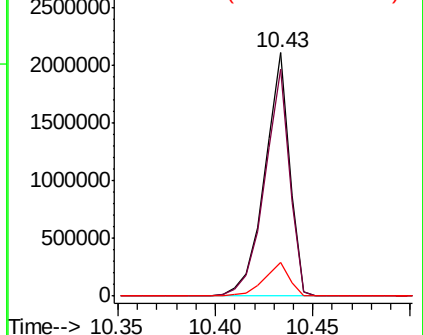
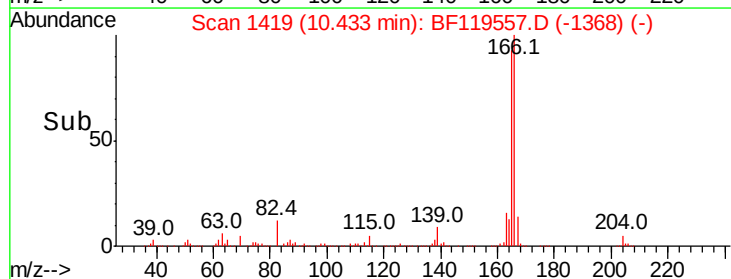


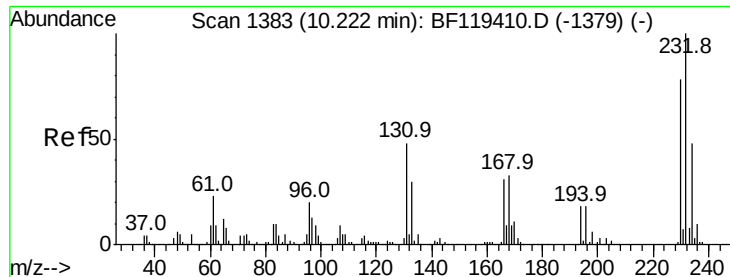
#58
 Fluorene
 Concen: 45.304 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion:166 Resp: 1857419
 Ion Ratio Lower Upper
 166 100
 165 93.4 75.4 113.2
 167 13.8 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

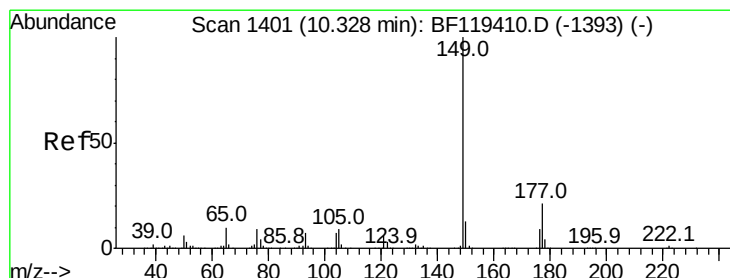
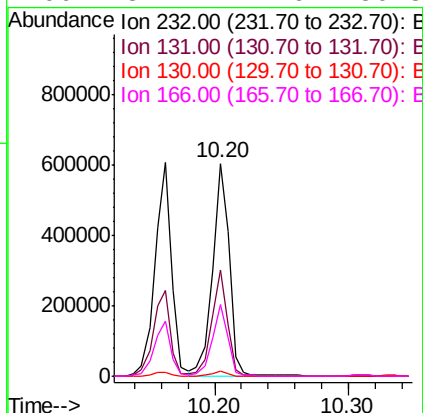
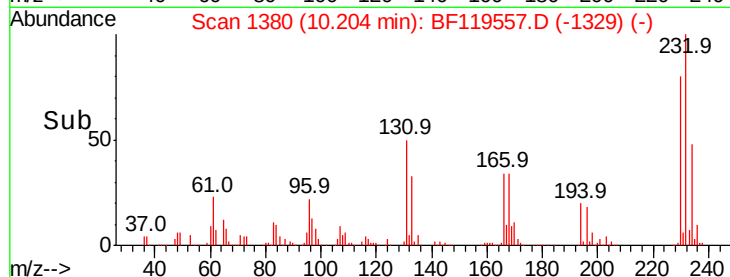
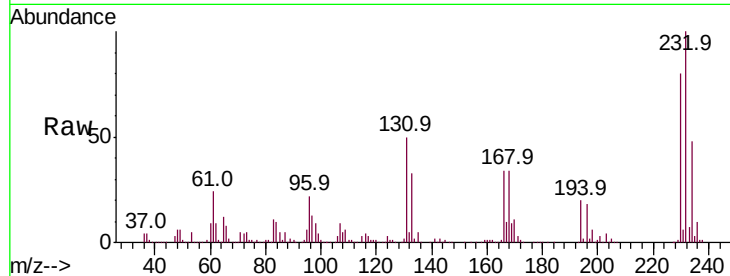




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.844 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

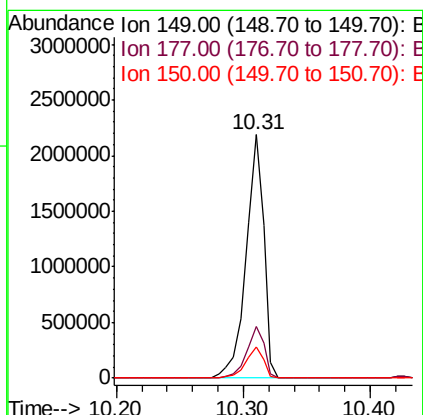
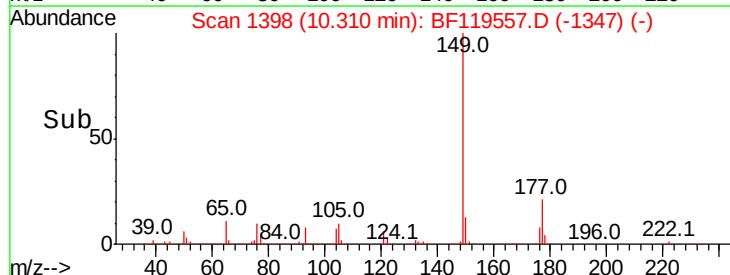
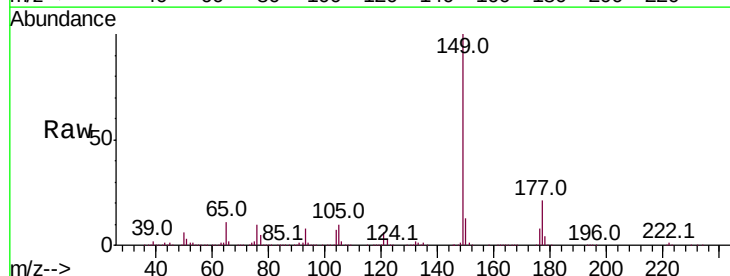
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

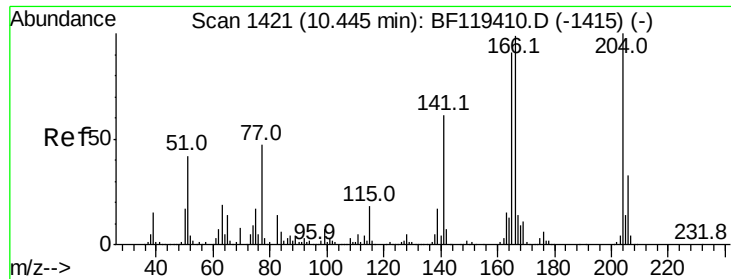
Tot Ion:232 Resp: 531164
 Ion Ratio Lower Upper
 232 100
 131 46.8 37.5 56.3
 130 2.2 1.8 2.6
 166 32.2 24.6 36.8



#60
 Diethylphthalate
 Concen: 47.228 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion:149 Resp: 2108041
 Ion Ratio Lower Upper
 149 100
 177 21.4 17.0 25.6
 150 12.9 10.1 15.1

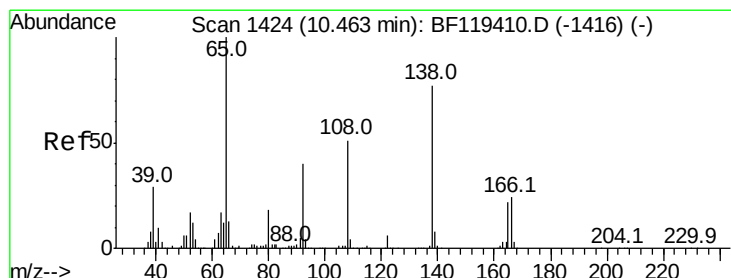
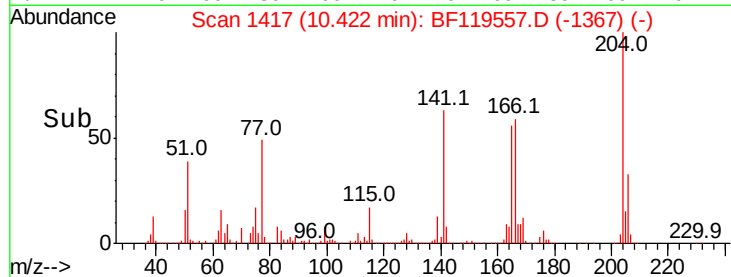
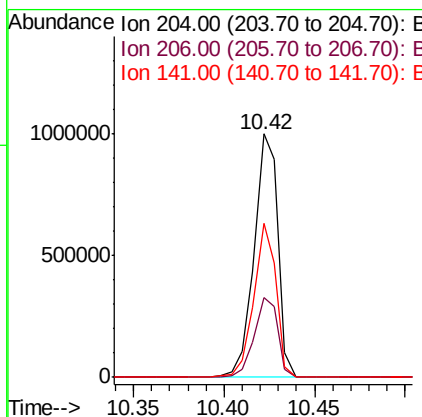
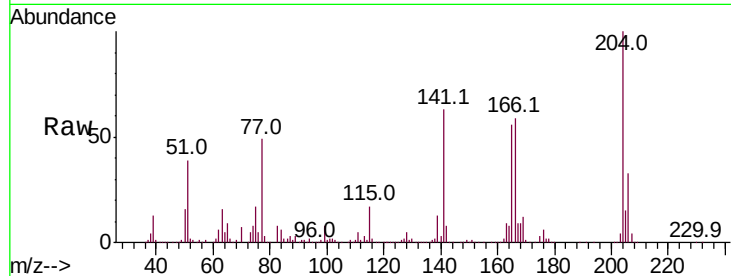




#61
 4-Chlorophenyl-phenylether
 Concen: 45.164 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

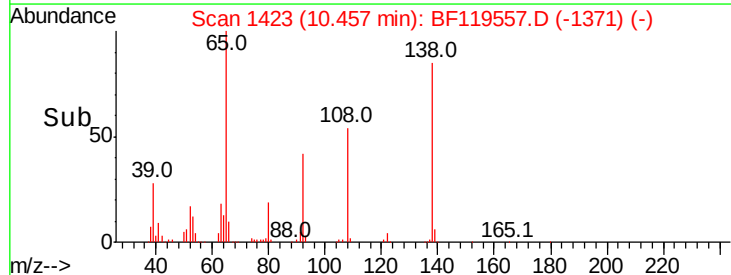
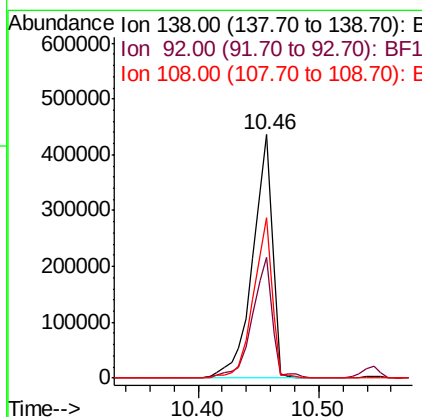
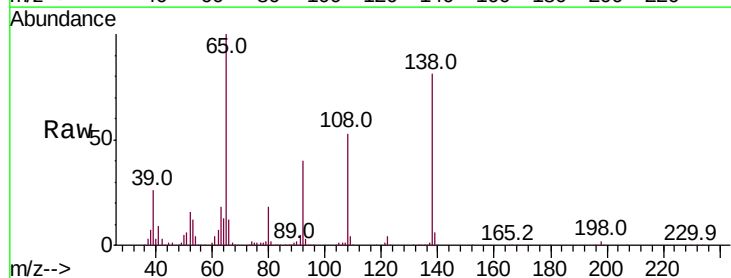
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

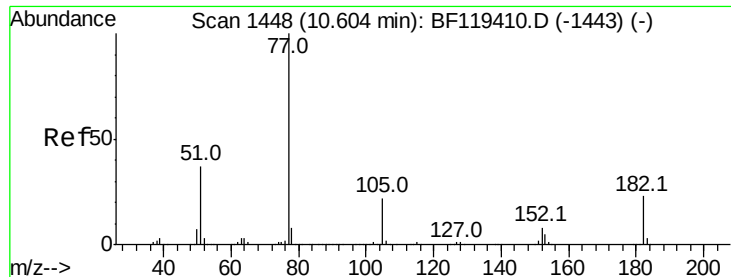
Tot Ion:	204	Resp:	905502
Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.7	40.1
141	63.0	47.3	70.9



#62
 4-Nitroaniline
 Concen: 43.870 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion:	138	Resp:	500650
Ion	Ratio	Lower	Upper
138	100		
92	49.7	31.5	71.5
108	66.1	45.8	85.8

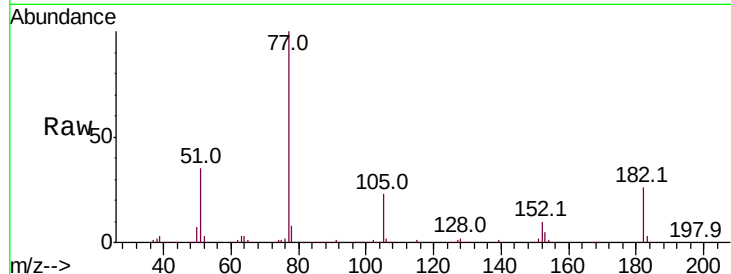




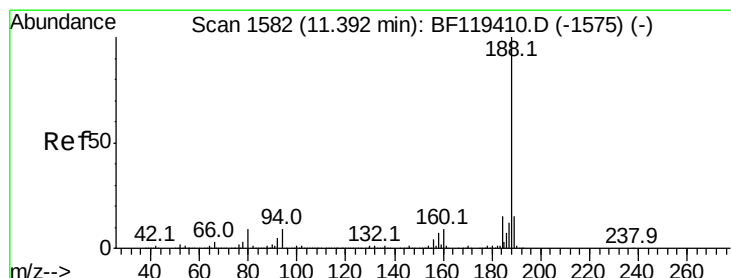
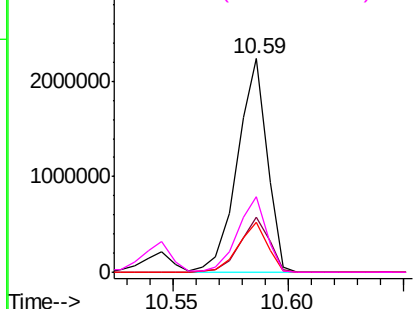
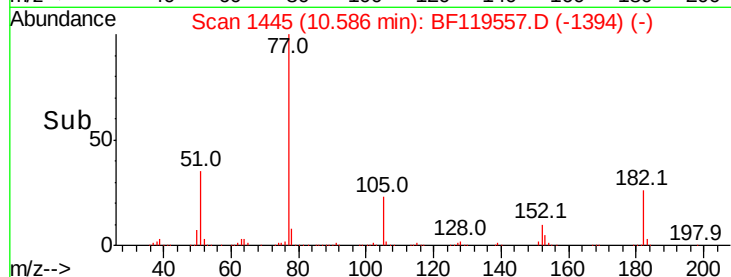
#63
Azobenzene
Concen: 44.458 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion: 77 Resp: 1998319
Ion Ratio Lower Upper
77 100
182 25.6 4.4 44.4
105 23.4 2.6 42.6
51 35.1 15.1 55.1

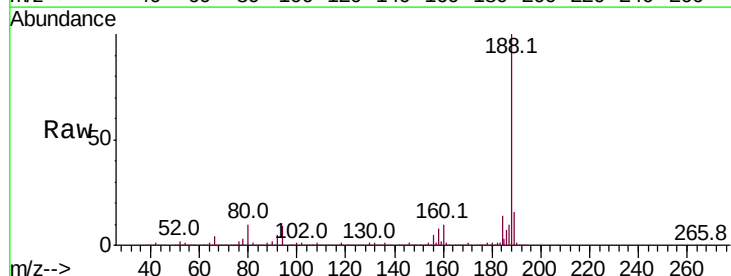


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

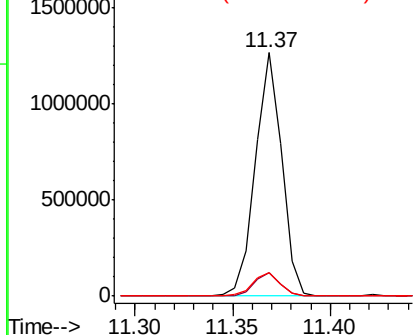
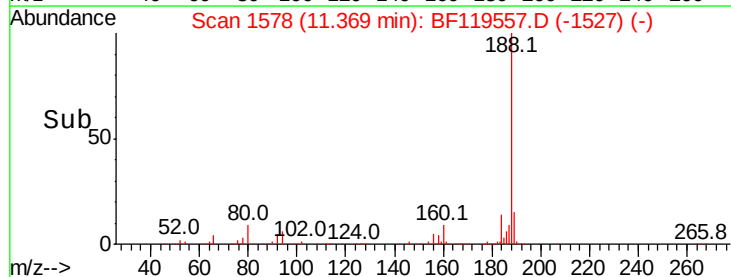


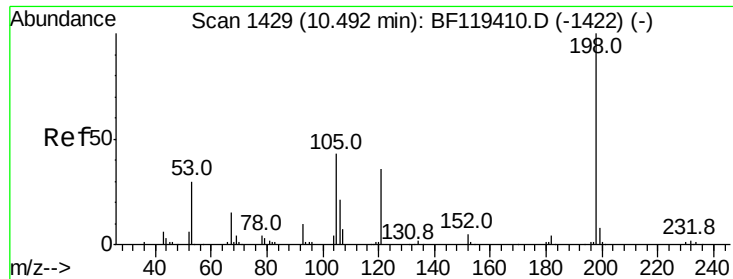
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion: 188 Resp: 1189503
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.6 9.0 13.4



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

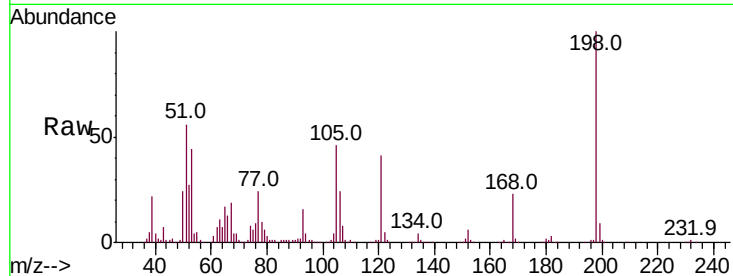




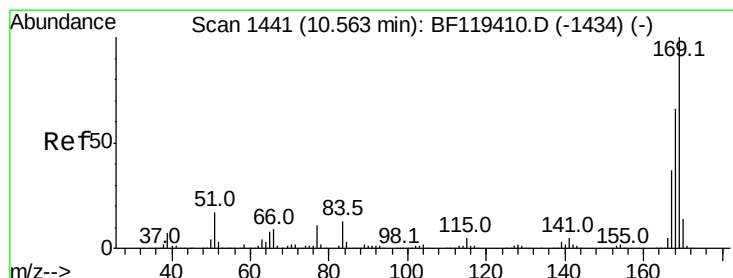
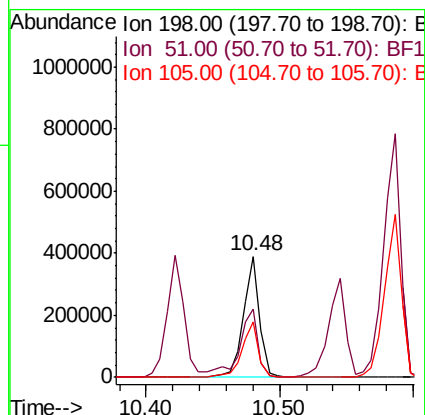
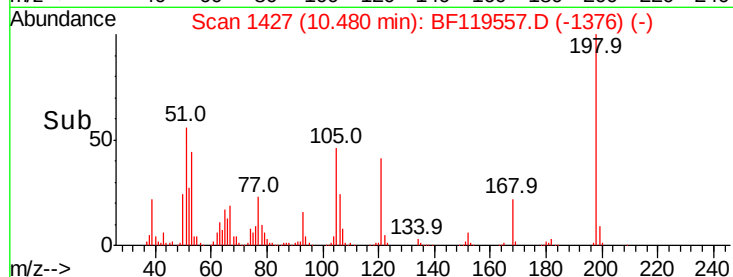
#65
 4,6-Dinitro-2-methylphenol
 Concen: 65.505 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:198 Resp: 326733
 Ion Ratio Lower Upper
 198 100
 51 56.5 29.0 69.0
 105 45.7 22.2 62.2

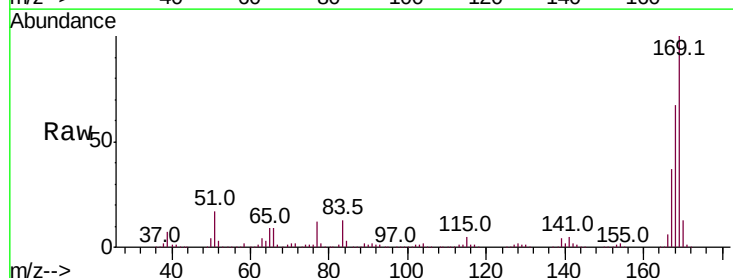


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

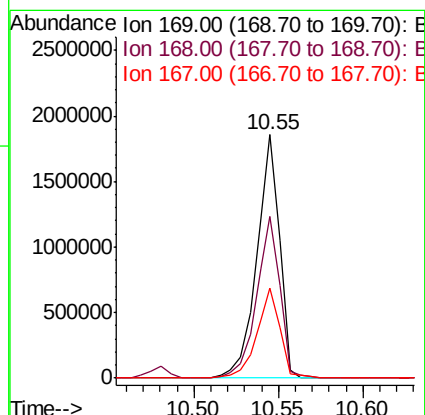
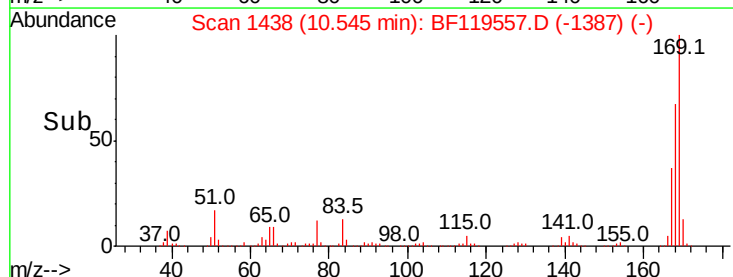


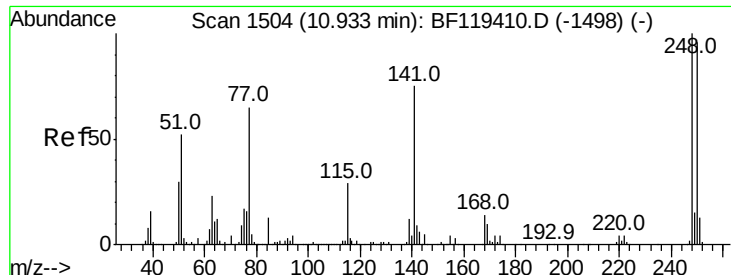
#66
 n-Nitrosodiphenylamine
 Concen: 44.678 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion:169 Resp: 1744662
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.2 79.8
 167 37.1 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

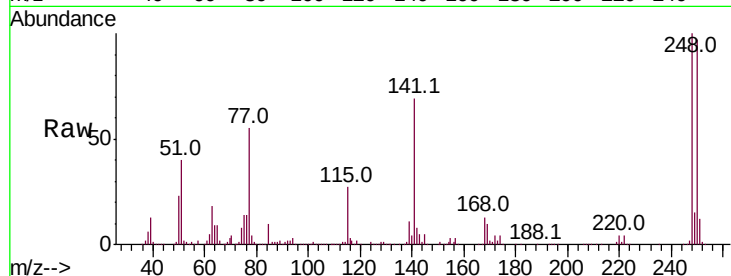




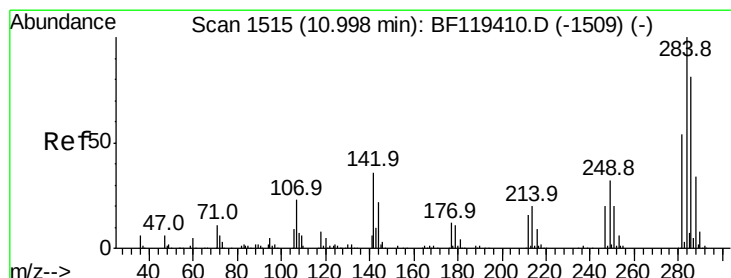
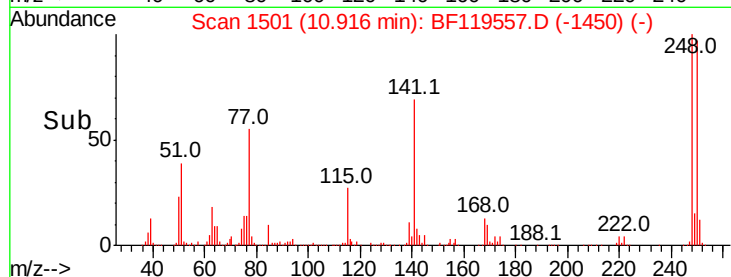
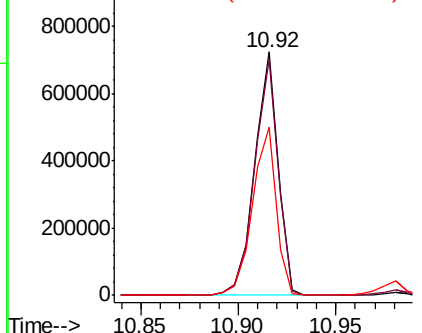
#67
 4-Bromophenyl-phenylether
 Concen: 44.596 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:248 Resp: 604133
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.3 115.9
 141 69.3 58.6 87.8

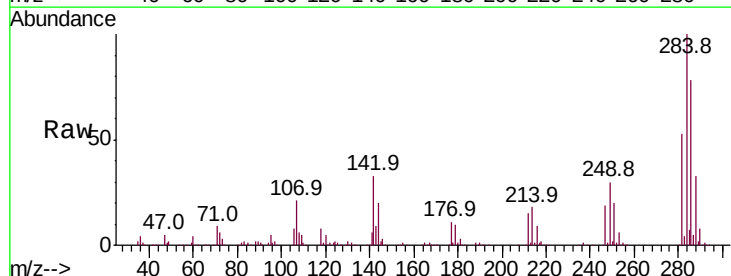


Abundance Ion 248.00 (247.70 to 248.70): E
 1000000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

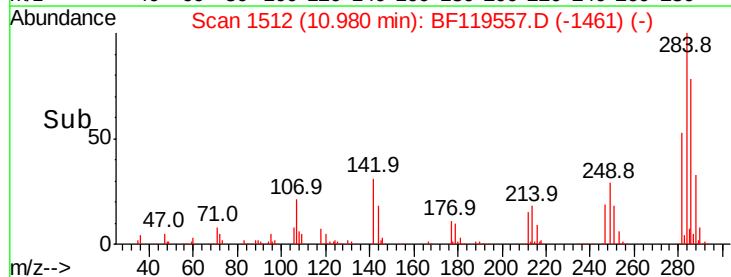
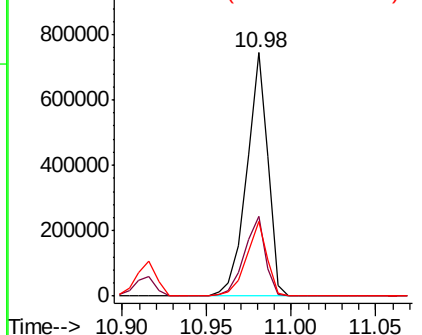


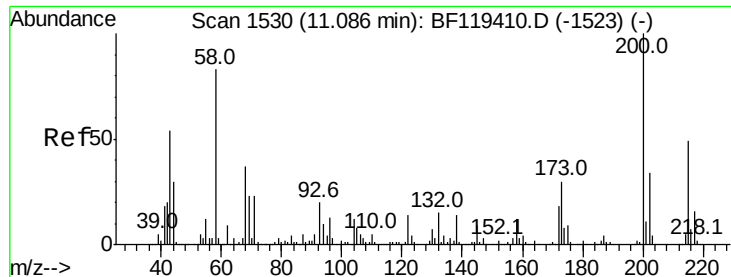
#68
 Hexachlorobenzene
 Concen: 47.030 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion:284 Resp: 652078
 Ion Ratio Lower Upper
 284 100
 142 33.0 29.2 43.8
 249 30.4 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

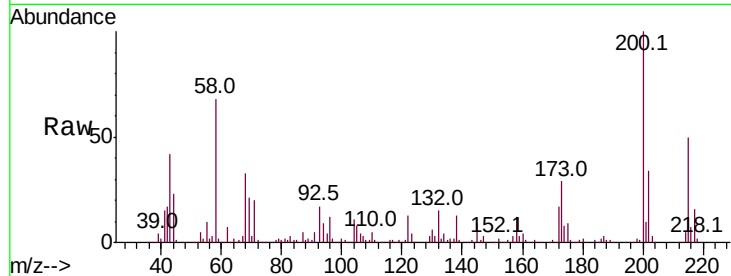




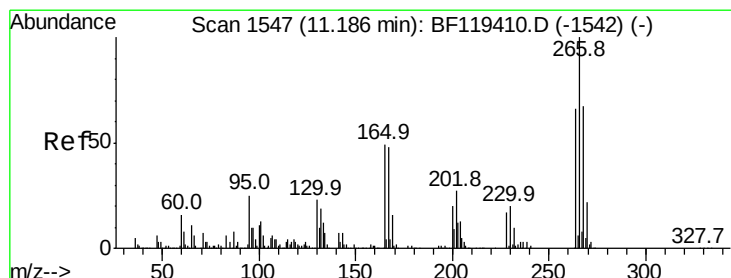
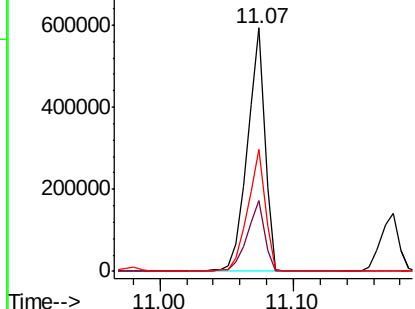
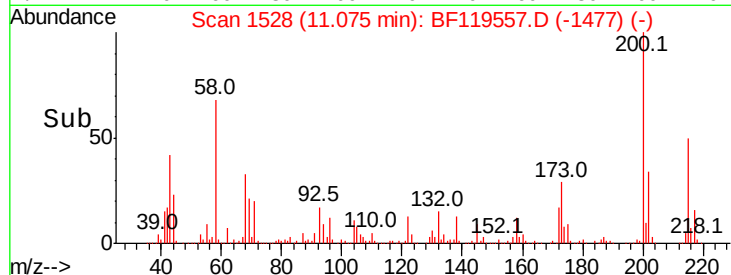
#69
Atrazine
Concen: 49.752 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:200 Resp: 532613
Ion Ratio Lower Upper
200 100
173 29.1 9.3 49.3
215 50.1 29.5 69.5

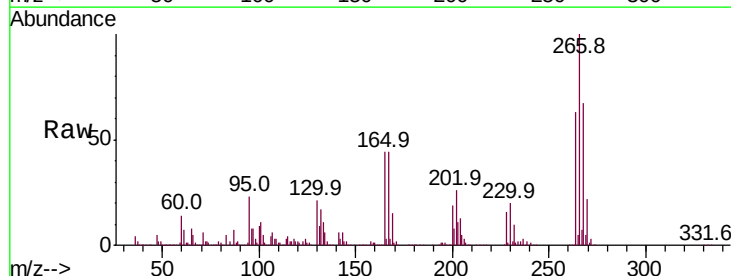


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

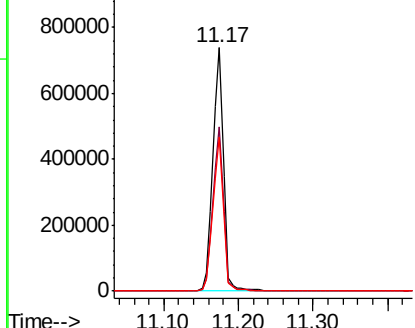
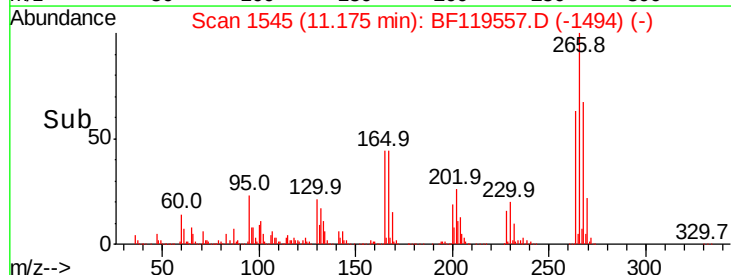


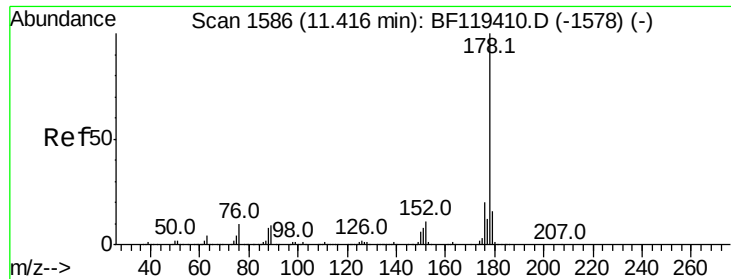
#70
Pentachlorophenol
Concen: 90.238 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion:266 Resp: 733616
Ion Ratio Lower Upper
266 100
268 67.3 53.3 79.9
264 63.1 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: 43.544 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

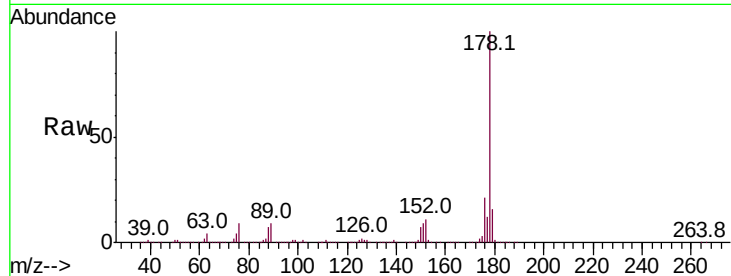
Tot Ion:178 Resp: 2685732

Ion Ratio Lower Upper

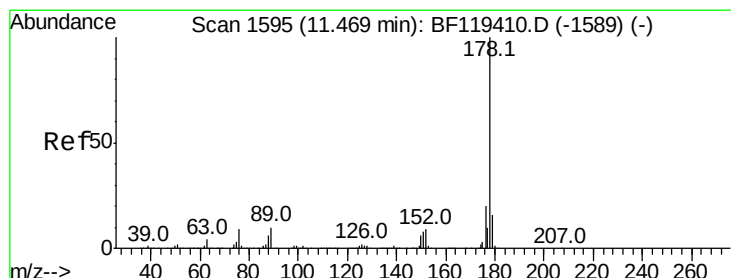
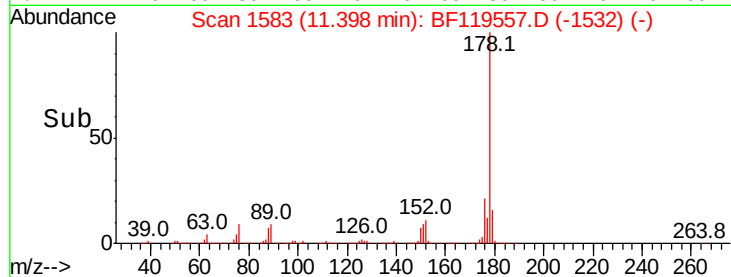
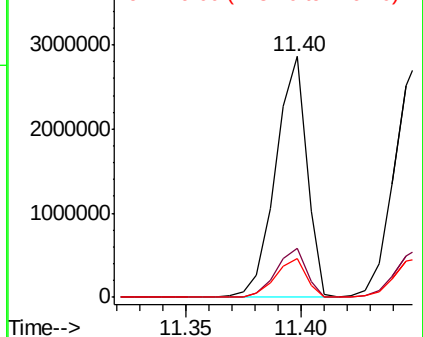
178 100

176 20.6 16.2 24.4

179 16.0 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: 44.049 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

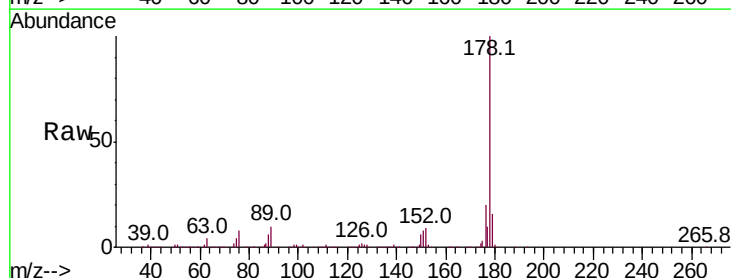
Tgt Ion:178 Resp: 2761294

Ion Ratio Lower Upper

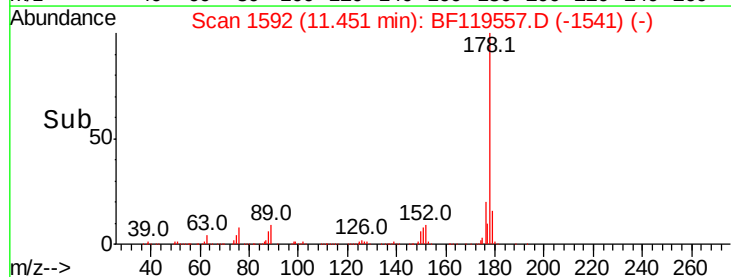
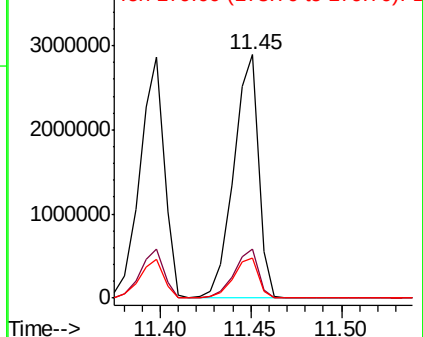
178 100

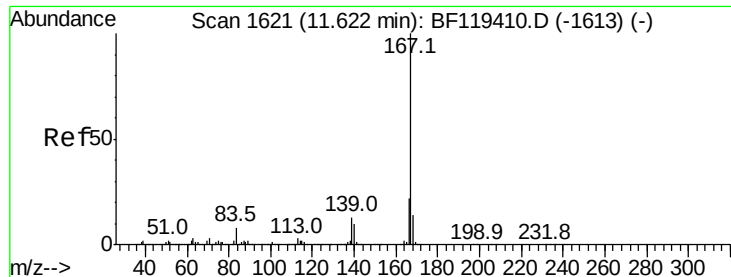
176 20.1 16.1 24.1

179 16.3 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



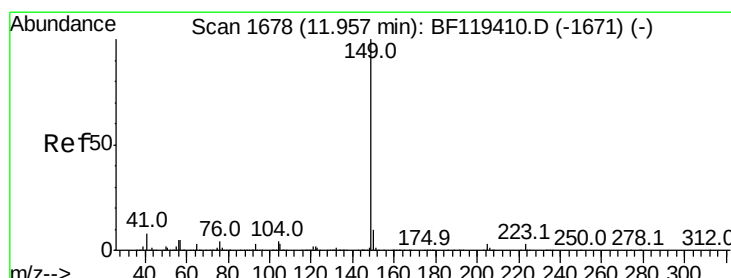
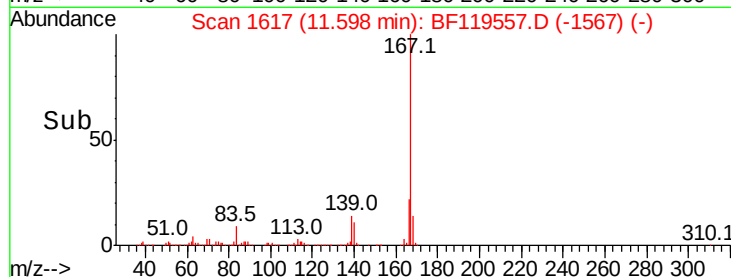
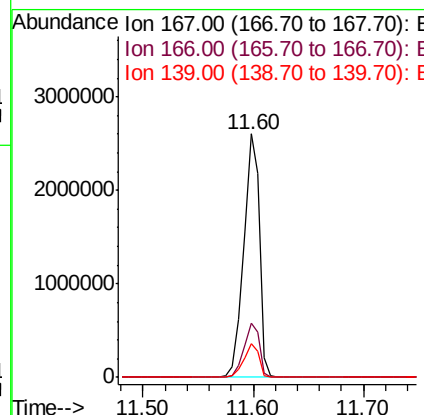
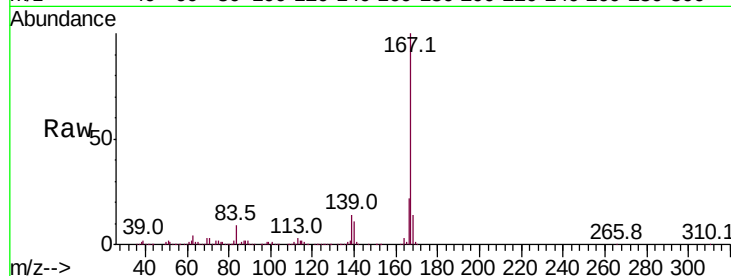


#73
 Carbazole
 Concen: 41.891 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:167 Resp: 2599223

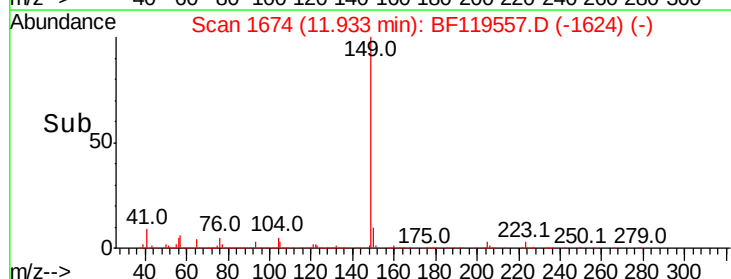
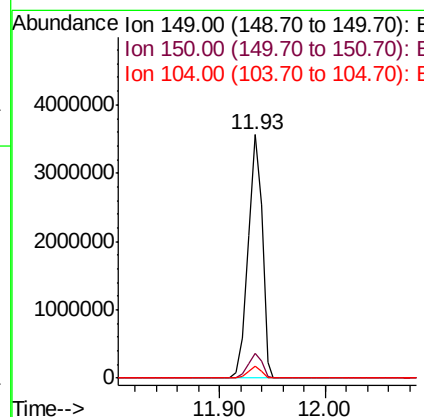
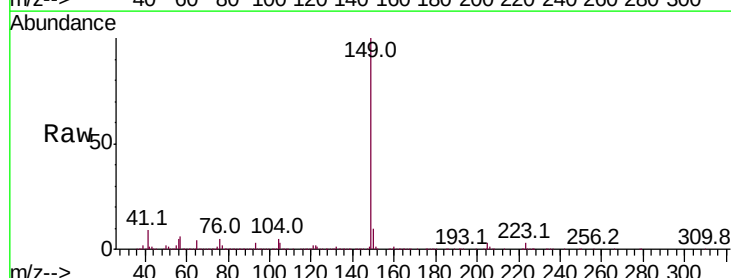
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	14.0	10.7	16.1

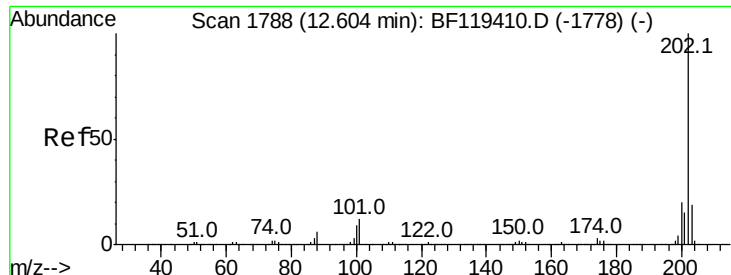


#74
 Di-n-butylphthalate
 Concen: 48.586 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion:149 Resp: 3224892

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.8
104	5.1	3.6	5.4

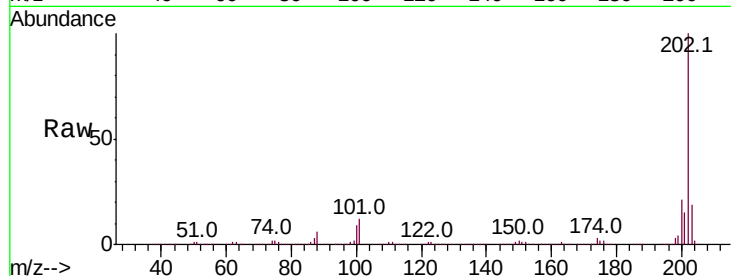




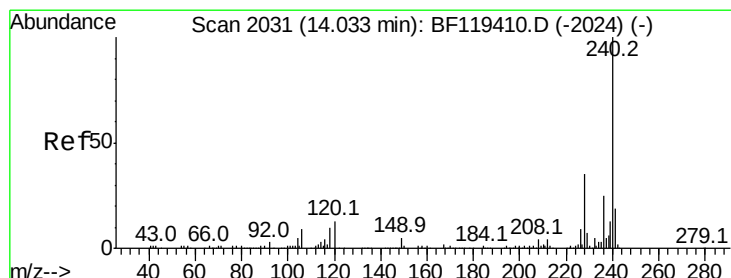
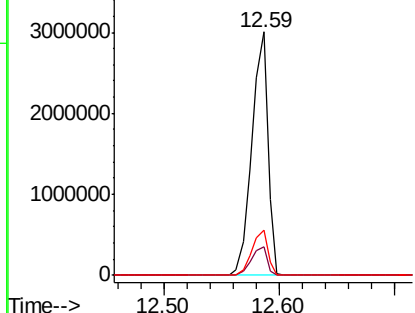
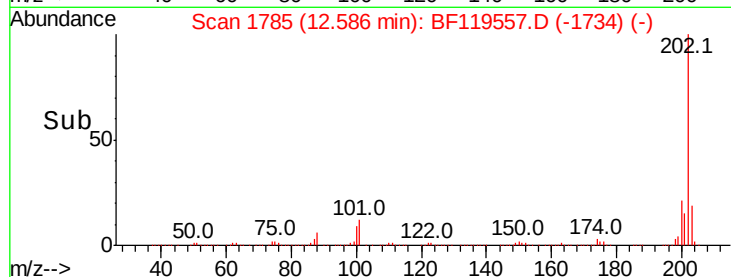
#75
 Fluoranthene
 Concen: 43.543 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:202 Resp: 2906568
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 32.2
 203 18.6 0.0 38.8

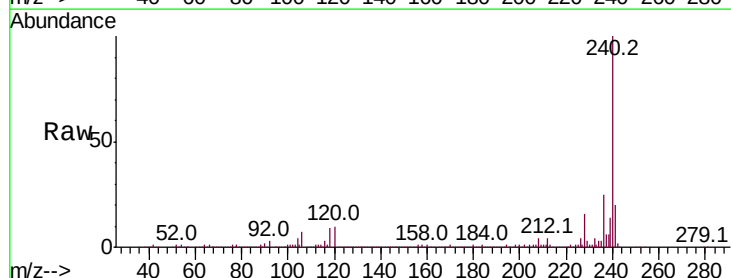


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

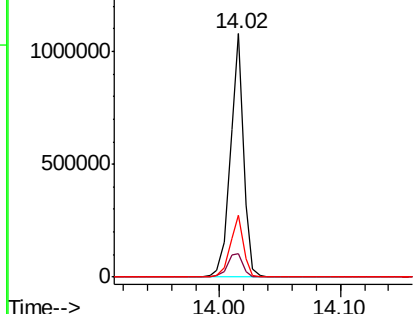
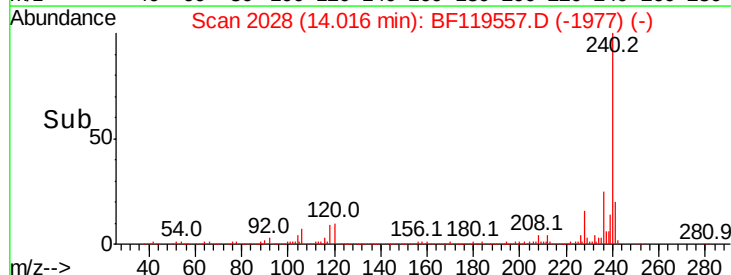


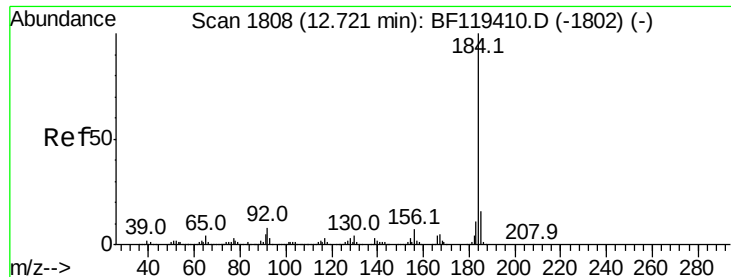
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion:240 Resp: 810734
 Ion Ratio Lower Upper
 240 100
 120 9.8 10.6 15.8#
 236 25.2 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: 43.784 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

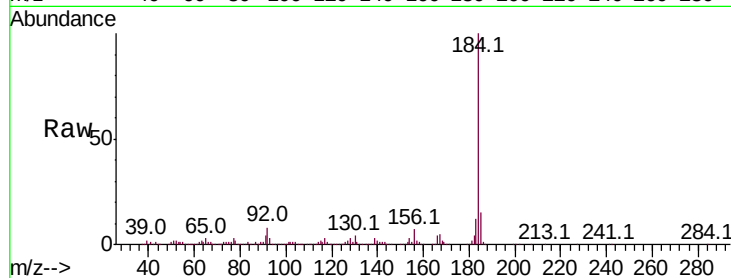
Tot Ion:184 Resp: 1502260

Ion Ratio Lower Upper

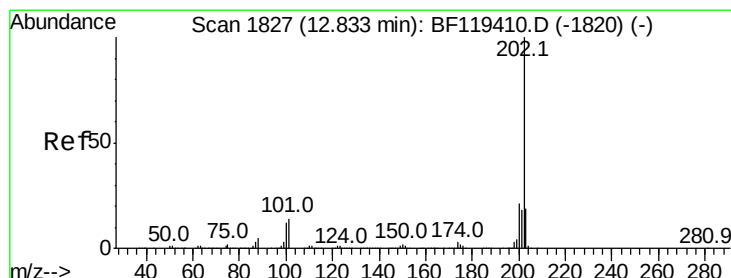
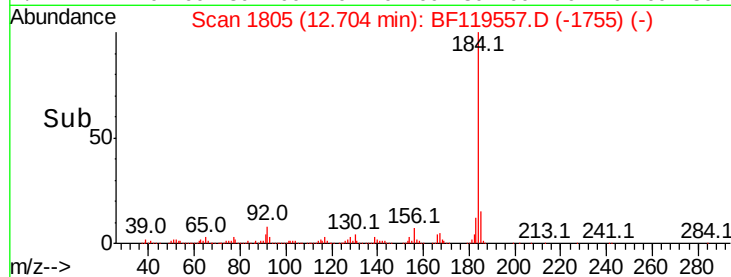
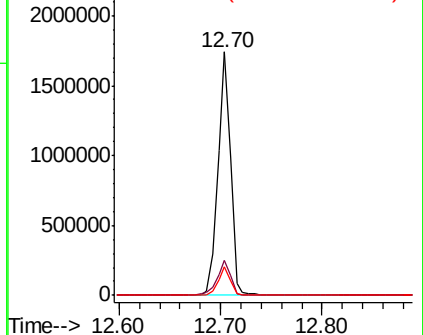
184 100

185 14.6 12.3 18.5

183 11.5 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: 43.788 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

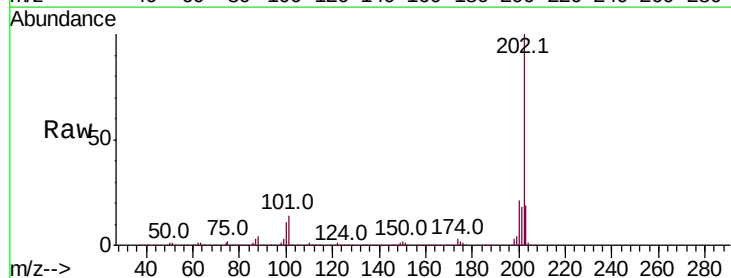
Tgt Ion:202 Resp: 2913475

Ion Ratio Lower Upper

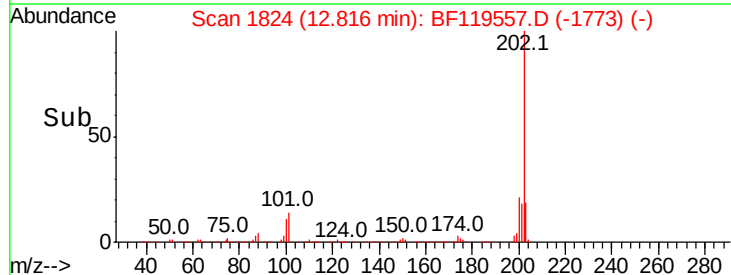
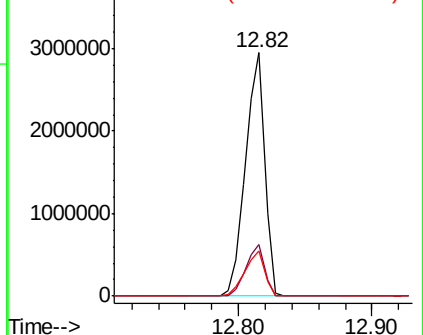
202 100

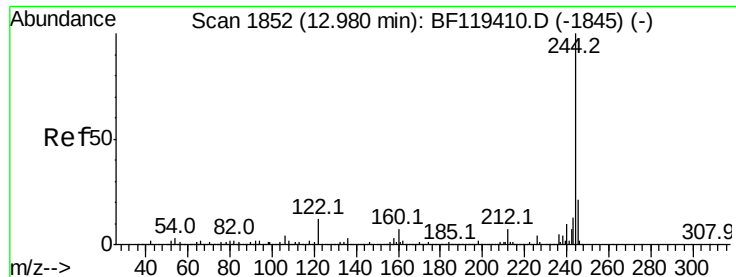
200 21.4 16.8 25.2

203 18.6 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: 87.894 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

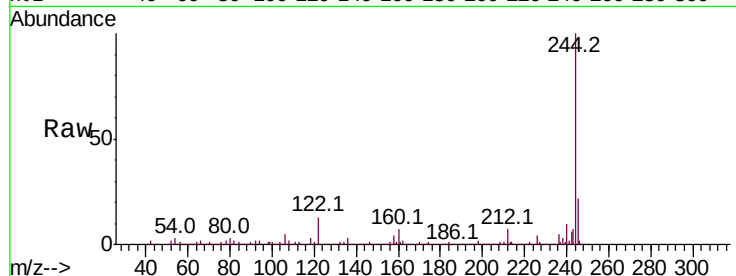
Tot Ion:244 Resp: 3637107

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

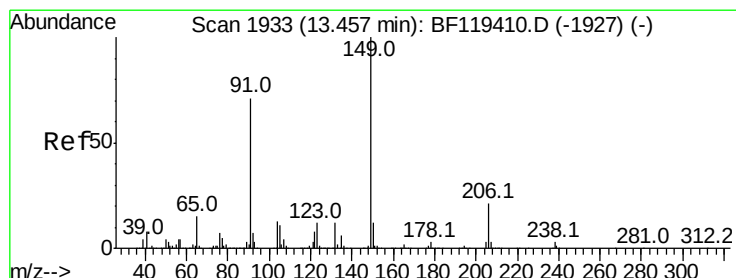
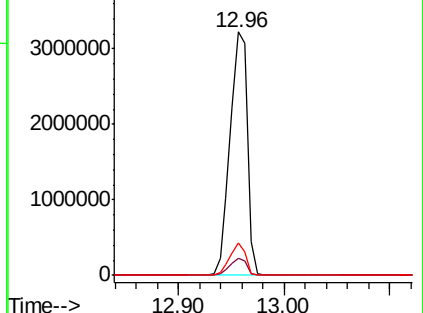
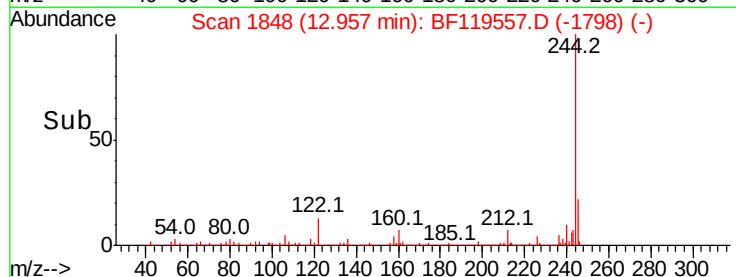
122 13.3 10.3 15.5



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: 51.768 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

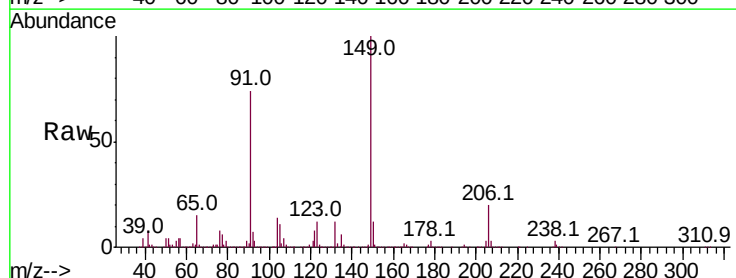
Tgt Ion:149 Resp: 1393121

Ion Ratio Lower Upper

149 100

91 73.8 54.7 82.1

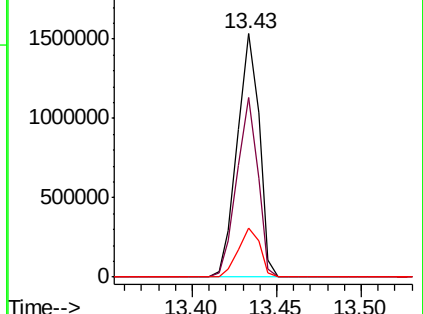
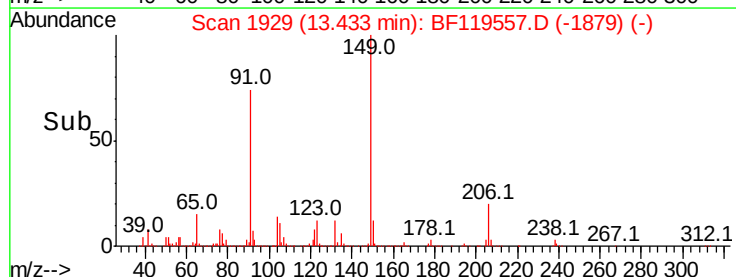
206 19.9 16.2 24.2

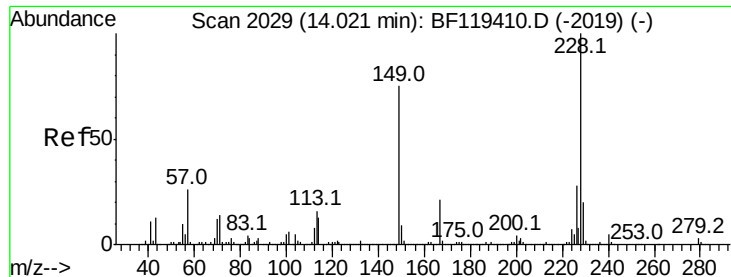


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

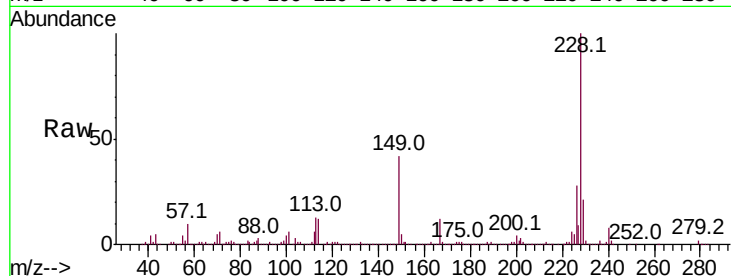




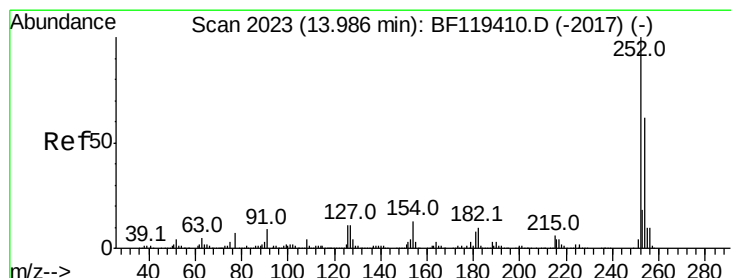
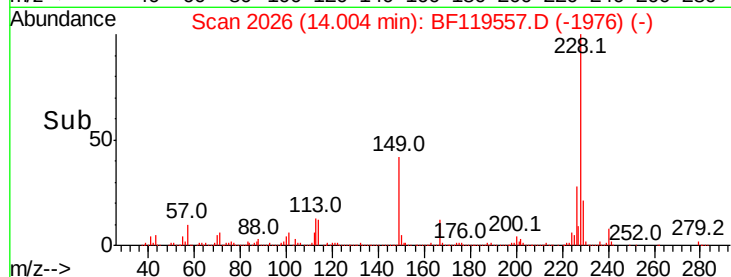
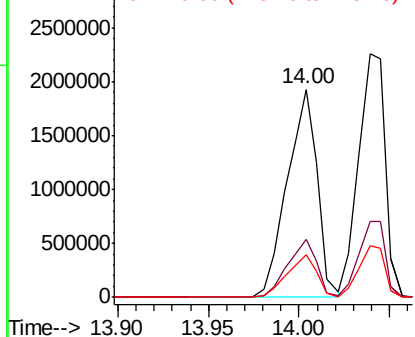
#81
Benzo(a)anthracene
Concen: 42.359 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:228 Resp: 2233206
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.8
229 20.7 16.2 24.4

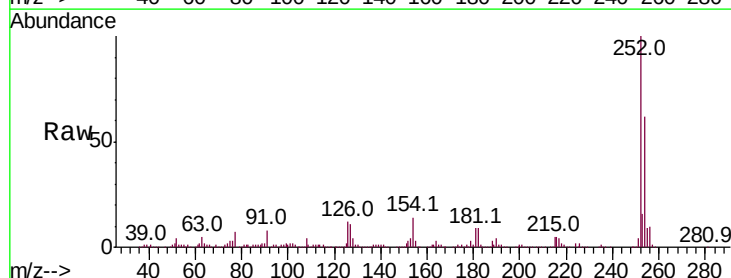


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

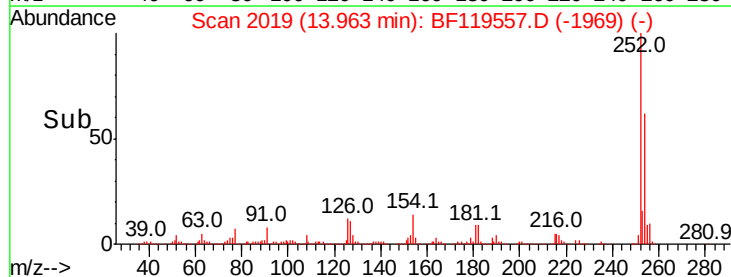
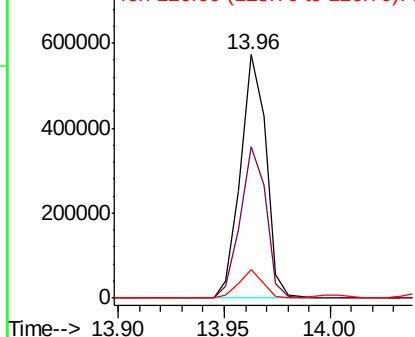


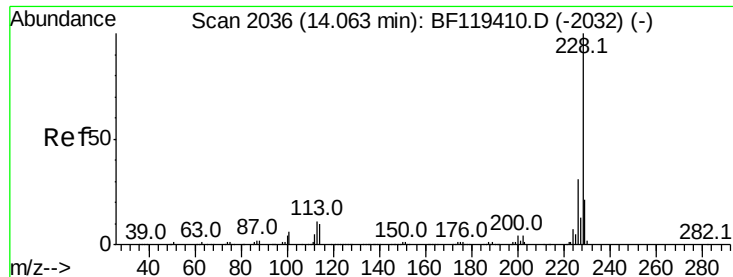
#82
3,3'-Dichlorobenzidine
Concen: 23.145 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion:252 Resp: 481124
Ion Ratio Lower Upper
252 100
254 62.3 51.2 76.8
126 11.5 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



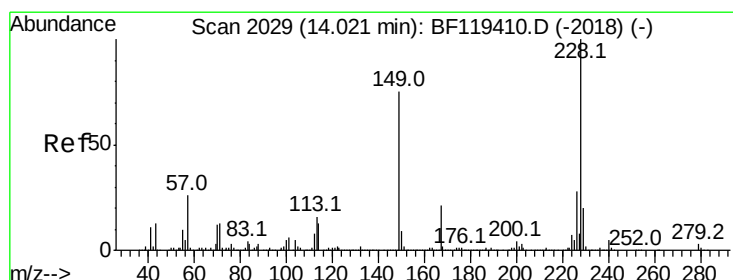
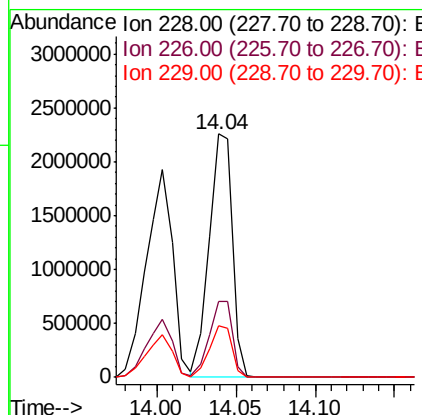
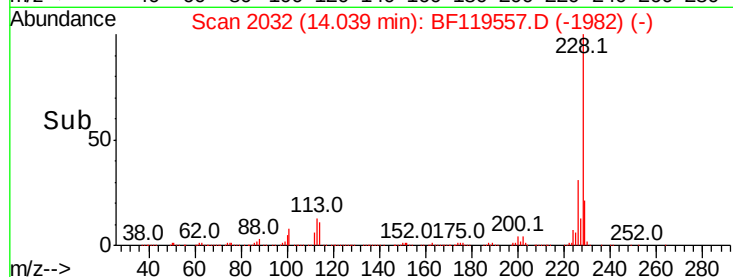
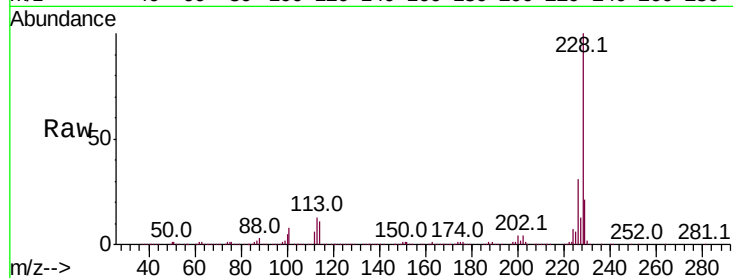


#83
 Chrysene
 Concen: 42.824 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:228 Resp: 2330052

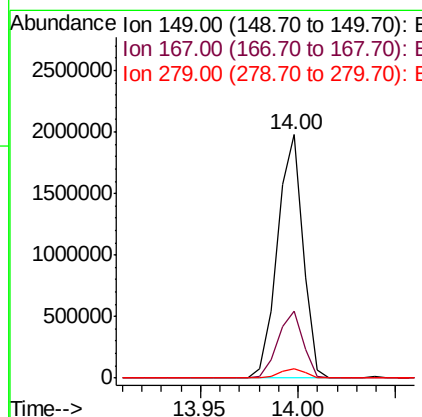
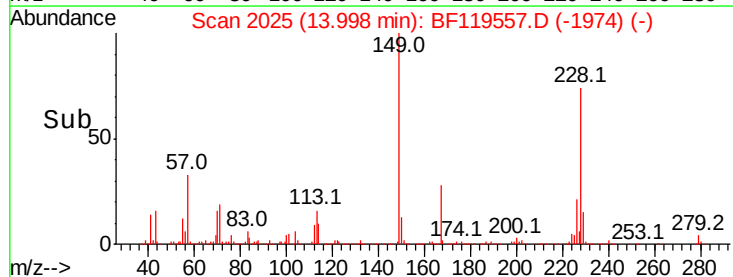
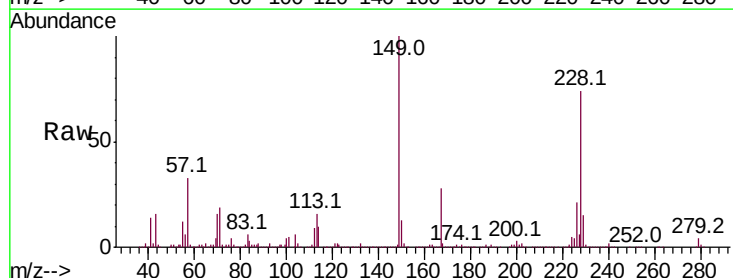
Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	21.1	16.6	24.8

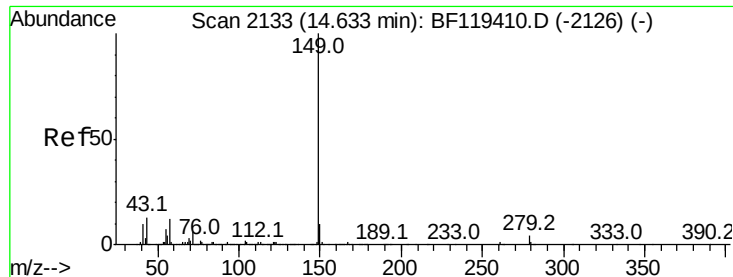


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.768 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion:149 Resp: 1789052

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.3	31.9
279	3.9	2.7	4.1

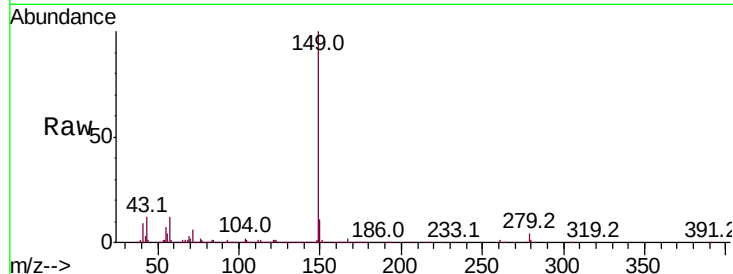




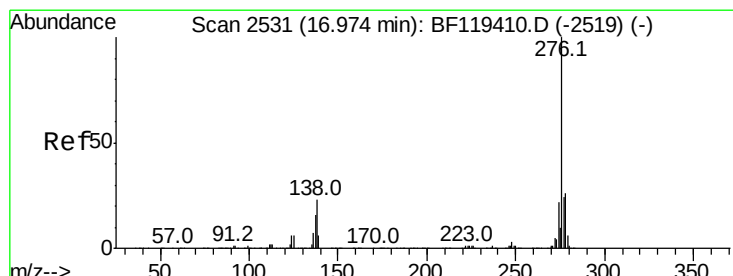
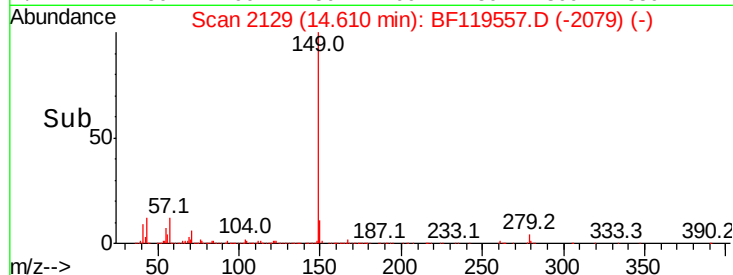
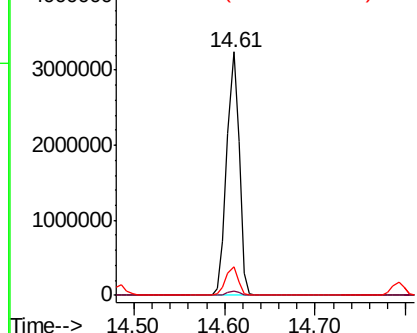
#85
Di-n-octyl phthalate
Concen: 53.996 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:149 Resp: 3046405
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.5 9.3 13.9

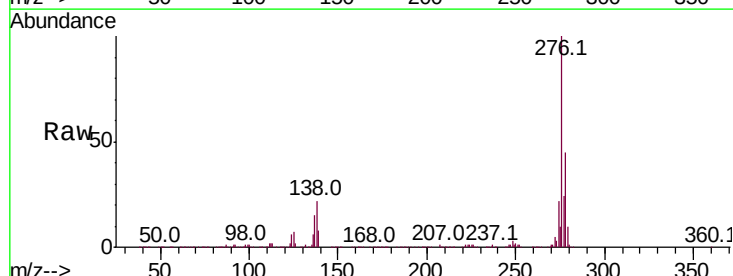


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

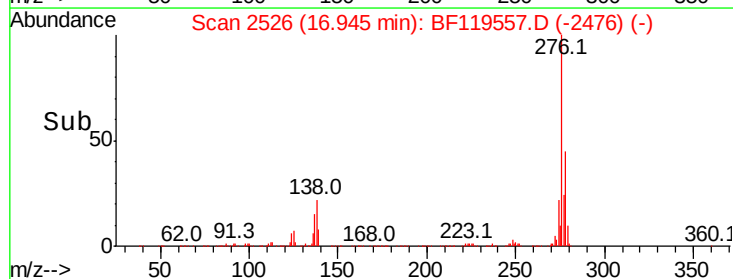
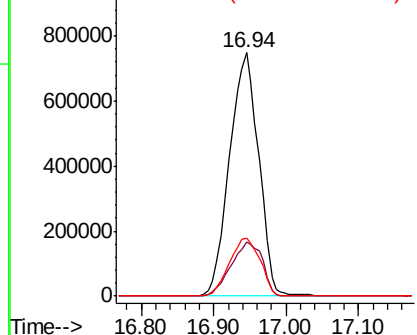


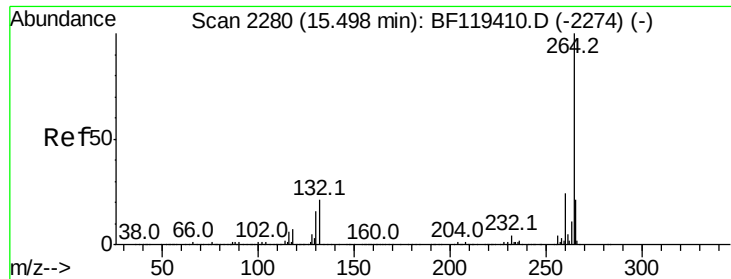
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.802 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion:276 Resp: 2090817
Ion Ratio Lower Upper
276 100
138 24.0 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

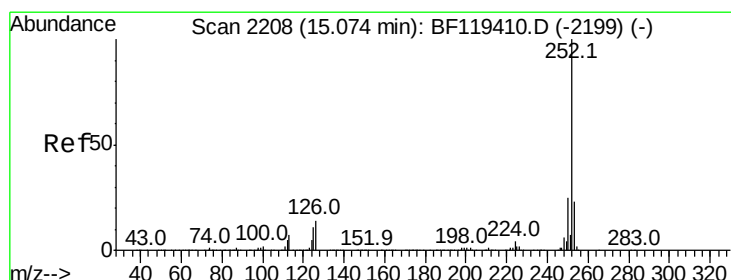
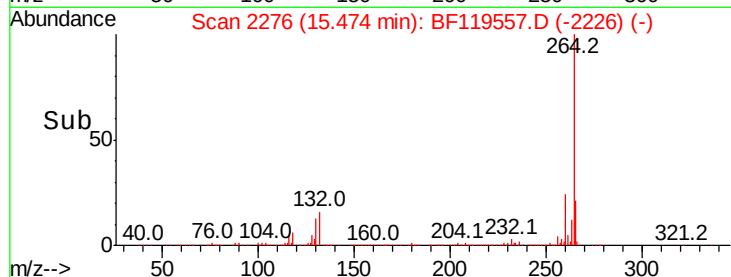
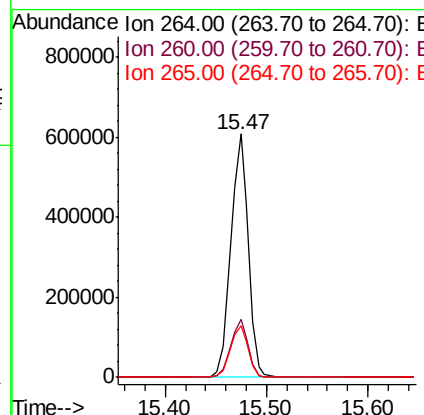
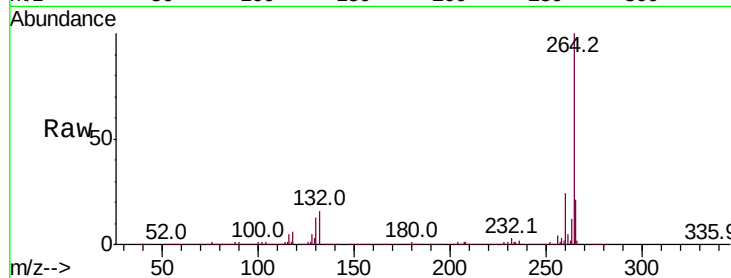




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

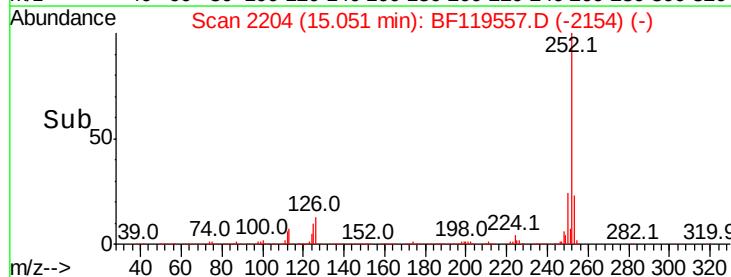
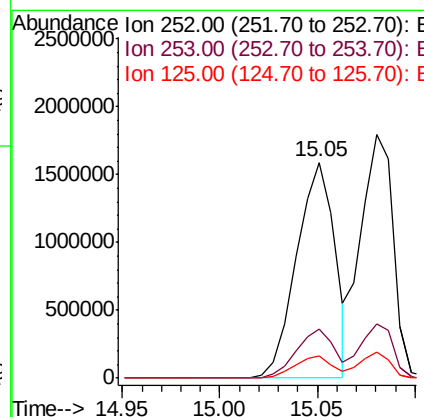
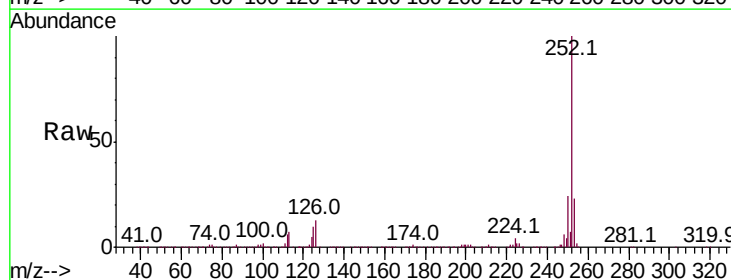
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

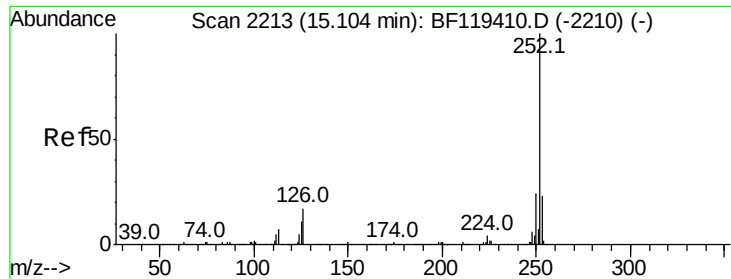
Tot Ion:264 Resp: 724109
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.0 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 44.572 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion:252 Resp: 2155963
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 10.2 7.9 11.9

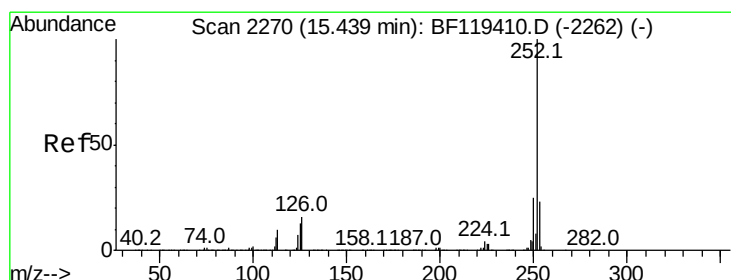
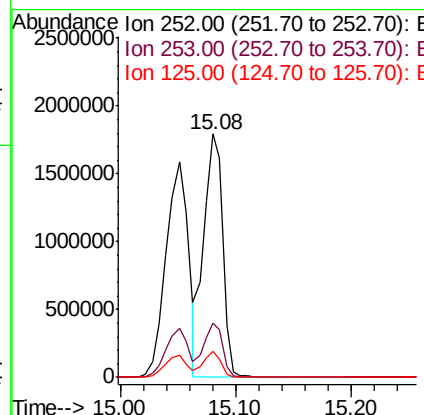
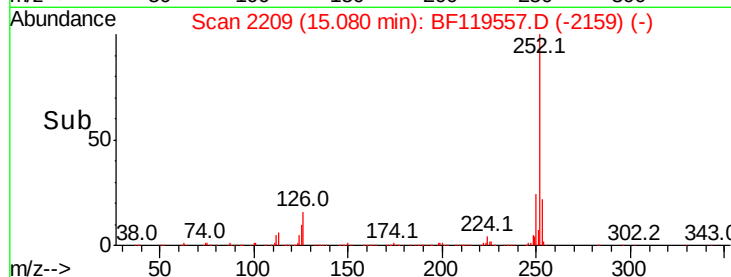
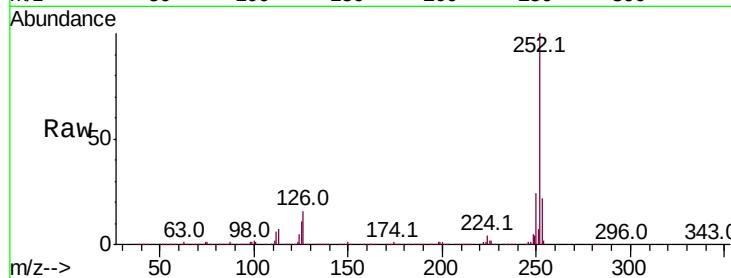




#89
Benzo(k)fluoranthene
Concen: 45.085 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

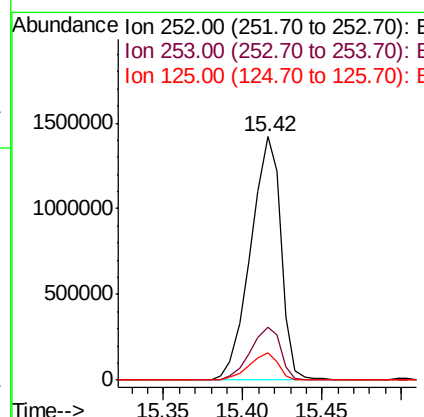
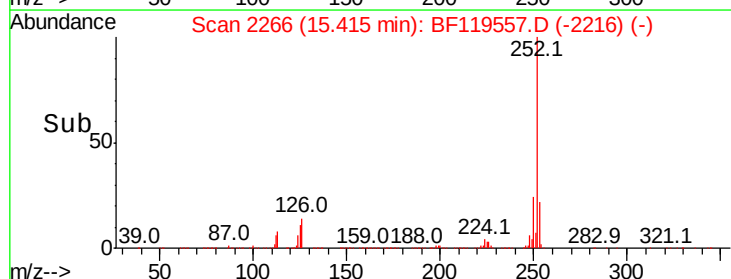
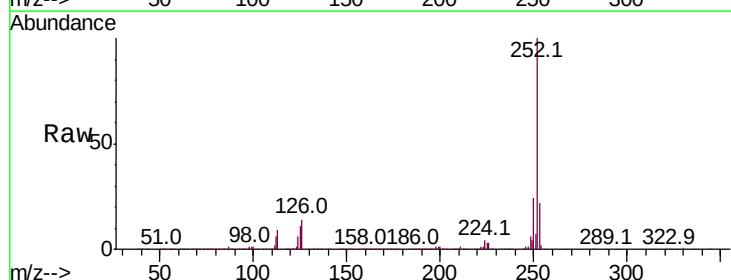
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

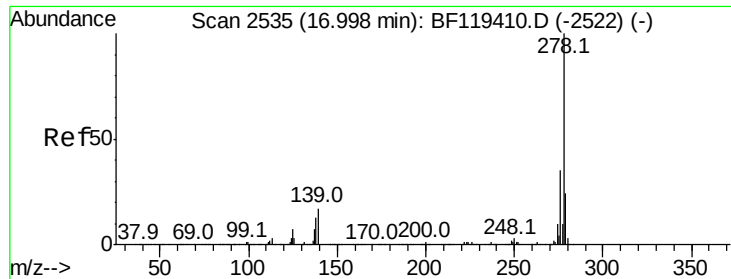
Tot Ion:252 Resp: 2076560
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 42.943 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion:252 Resp: 1887701
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 11.3 9.4 14.2

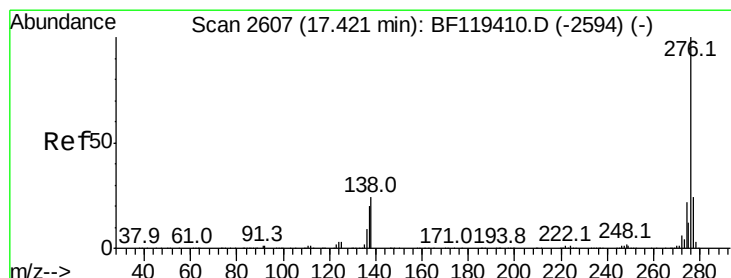
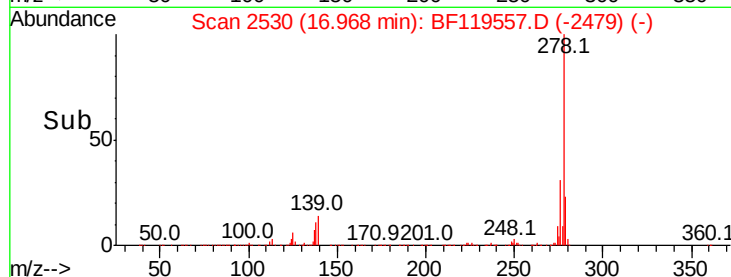
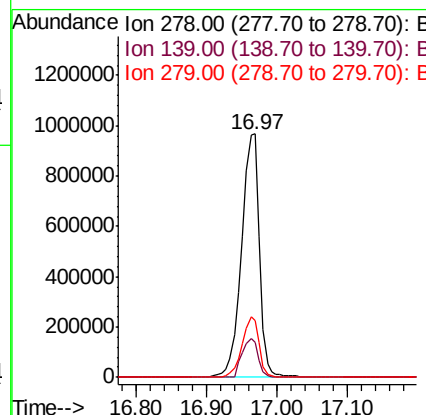
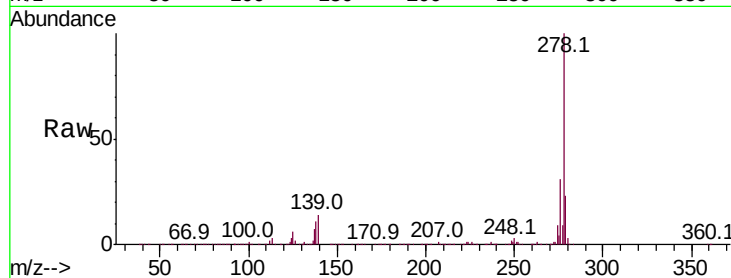




#91
Dibenzo(a,h)anthracene
Concen: 44.706 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:278 Resp: 1718892
Ion Ratio Lower Upper
278 100
139 14.2 12.6 19.0
279 23.3 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 45.239 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion:276 Resp: 1747427
Ion Ratio Lower Upper
276 100
277 24.5 18.4 27.6
138 19.8 15.4 23.0

