

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119927.D
 Acq On : 13 Apr 2020 20:52
 Operator : MA/SJ
 Sample : L2225-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Quant Time: Apr 14 00:44:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	243858	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	969469	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	499004	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	964024	20.00	ng	0.00
76) Chrysene-d12	13.91	240	685973	20.00	ng	0.00
87) Perylene-d12	15.33	264	652665	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	575004	40.75	ng	0.00
7) Phenol-d6	6.37	99	765539	42.10	ng	0.00
23) Nitrobenzene-d5	7.30	82	452780	24.16	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	387652	63.45	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1229008	34.97	ng	0.00
79) Terphenyl-d14	12.86	244	2189185	53.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	234725	37.348	ng	96
3) Pyridine	3.17	79	647712	37.563	ng	98
4) n-Nitrosodimethylamine	3.14	42	369207	41.906	ng	97
6) Aniline	6.40	93	798679	33.467	ng	98
8) 2-Chlorophenol	6.52	128	725014	45.985	ng	98
9) Benzaldehyde	6.28	77	334012	31.045	ng	97
10) Phenol	6.39	94	932126	45.188	ng	97
11) bis(2-Chloroethyl)ether	6.47	93	677204	42.519	ng	97
12) 1,3-Dichlorobenzene	6.68	146	726578	42.094	ng	98
13) 1,4-Dichlorobenzene	6.76	146	720214	40.961	ng	98
14) 1,2-Dichlorobenzene	6.91	146	694890	42.883	ng	97
15) Benzyl Alcohol	6.89	79	593304	42.012	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1197088	38.625	ng	99
17) 2-Methylphenol	7.00	107	580865	41.284	ng	98
18) Hexachloroethane	7.25	117	276732	42.113	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	490739	41.972	ng	96
20) 3+4-Methylphenols	7.16	107	707307	41.103	ng	95
22) Acetophenone	7.15	105	925085	40.749	ng	99
24) Nitrobenzene	7.32	77	758910	40.258	ng	100
25) Isophorone	7.57	82	1394154	38.593	ng	99
26) 2-Nitrophenol	7.64	139	393943	41.828	ng	99
27) 2,4-Dimethylphenol	7.69	122	615714	43.347	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	876835	41.249	ng	100
29) 2,4-Dichlorophenol	7.89	162	599368	41.166	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	639100	38.739	ng	99
31) Naphthalene	8.05	128	2031071	39.820	ng	99
32) Benzoic acid	7.83	122	509532	40.844	ng	98
33) 4-Chloroaniline	8.09	127	414097	18.649	ng	98
34) Hexachlorobutadiene	8.17	225	366330	37.095	ng	98
35) Caprolactam	8.48	113	103693	23.282	ng	92
36) 4-Chloro-3-methylphenol	8.59	107	661457	41.962	ng	99
37) 2-Methylnaphthalene	8.74	142	1384438	40.035	ng	99
38) 1-Methylnaphthalene	8.84	142	1291268	39.617	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	599509	38.038	ng	99

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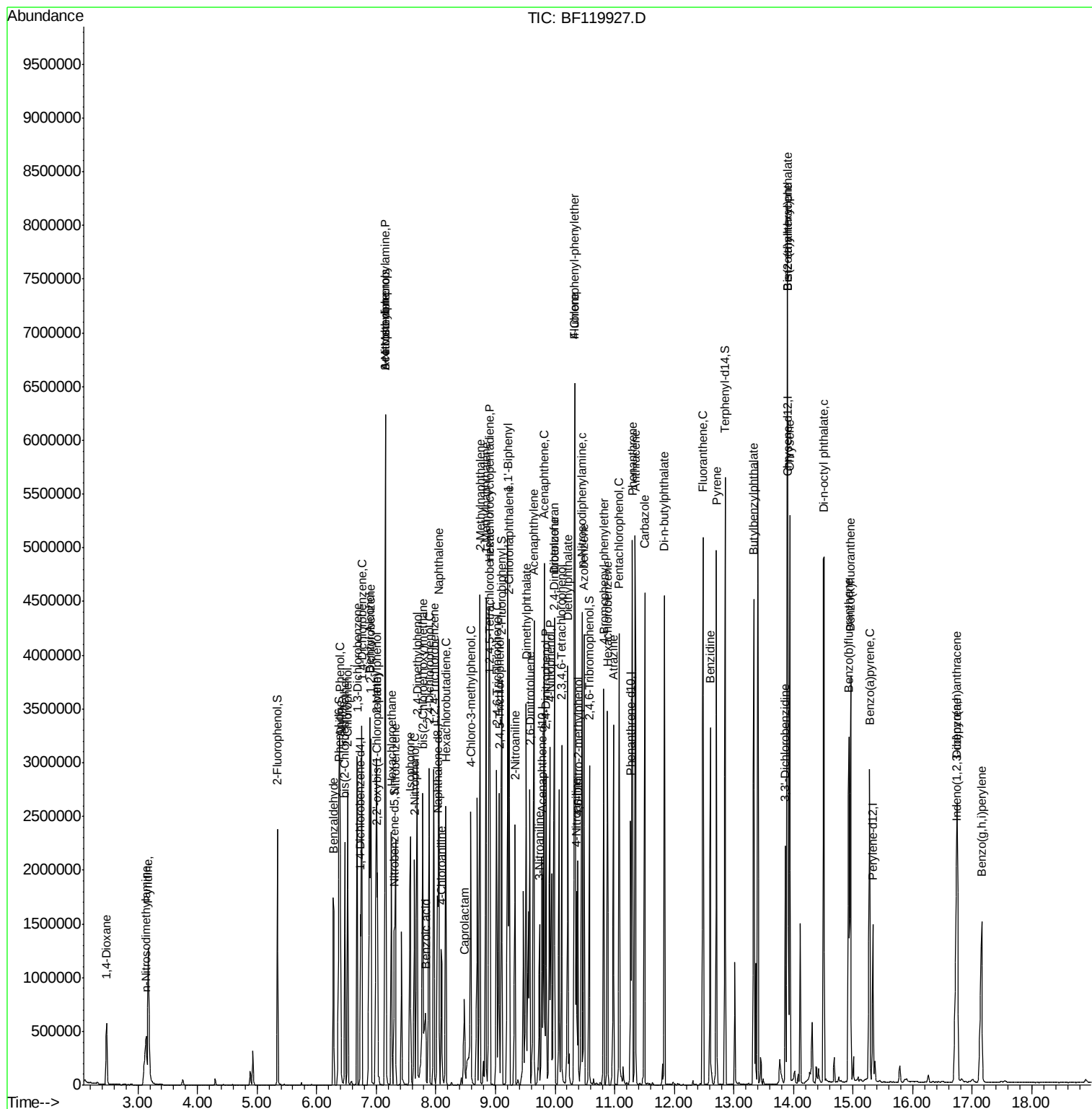
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	717976	80.112	ng	98
43) 2,4,6-Trichlorophenol	9.02	196	445400	40.925	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	466750	38.077	ng	95
46) 1,1'-Biphenyl	9.20	154	1638289	38.897	ng	98
47) 2-Chloronaphthalene	9.23	162	1290240	39.766	ng	95
48) 2-Nitroaniline	9.33	65	470883	40.048	ng	98
49) Acenaphthylene	9.65	152	2045119	41.446	ng	99
50) Dimethylphthalate	9.52	163	1647939	42.696	ng	100
51) 2,6-Dinitrotoluene	9.57	165	345735	40.905	ng	91
52) Acenaphthene	9.82	154	1231708	37.420	ng	100
53) 3-Nitroaniline	9.74	138	228279	23.648	ng	95
54) 2,4-Dinitrophenol	9.85	184	419670	82.934	ng	93
55) Dibenzofuran	9.99	168	1804517	39.950	ng	98
56) 4-Nitrophenol	9.92	139	588809	81.979	ng	98
57) 2,4-Dinitrotoluene	9.98	165	460063	41.314	ng	97
58) Fluorene	10.33	166	1387187	38.401	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.11	232	388630	41.453	ng	99
60) Diethylphthalate	10.22	149	1552853	38.818	ng	98
61) 4-Chlorophenyl-phenylether	10.33	204	667776	36.067	ng	99
62) 4-Nitroaniline	10.36	138	386285	41.990	ng	98
63) Azobenzene	10.49	77	1489052	41.535	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	271353	42.726	ng	83
66) n-Nitrosodiphenylamine	10.45	169	1299060	40.519	ng	99
67) 4-Bromophenyl-phenylether	10.82	248	450273	37.558	ng	99
68) Hexachlorobenzene	10.88	284	487724	40.102	ng	99
69) Atrazine	10.98	200	402090	45.076	ng	96
70) Pentachlorophenol	11.07	266	544146	77.639	ng	98
71) Phenanthrene	11.30	178	2052292	40.001	ng	98
72) Anthracene	11.34	178	2128880	40.618	ng	99
73) Carbazole	11.50	167	1961673	39.578	ng	99
74) Di-n-butylphthalate	11.83	149	2424776	37.214	ng	99
75) Fluoranthene	12.48	202	2219501	40.093	ng	98
77) Benzidine	12.60	184	1260861	54.376	ng	97
78) Pyrene	12.71	202	2243721	38.799	ng	99
80) Butylbenzylphthalate	13.33	149	1050089	37.422	ng	99
81) Benzo(a)anthracene	13.90	228	1752364	38.831	ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	440494	26.160	ng	96
83) Chrysene	13.94	228	1862045	40.608	ng	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	1339281	35.245	ng	100
85) Di-n-octyl phthalate	14.51	149	2444799	37.786	ng	98
86) Indeno(1,2,3-cd)pyrene	16.73	276	1639482	40.562	ng	98
88) Benzo(b)fluoranthene	14.93	252	1804083	38.425	ng	98
89) Benzo(k)fluoranthene	14.96	252	1745031	43.076	ng	98
90) Benzo(a)pyrene	15.27	252	1584211	40.131	ng	98
91) Dibenzo(a,h)anthracene	16.75	278	1341568	38.366	ng	98
92) Benzo(g,h,i)perylene	17.16	276	1322346	38.310	ng	98

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

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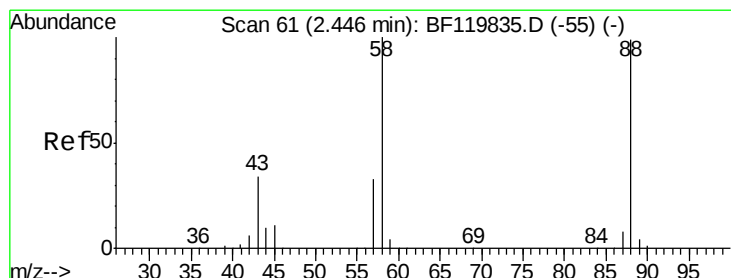
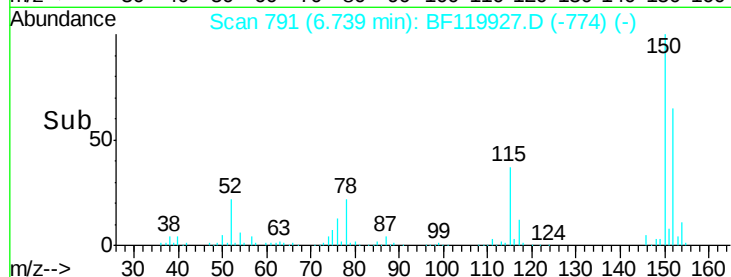
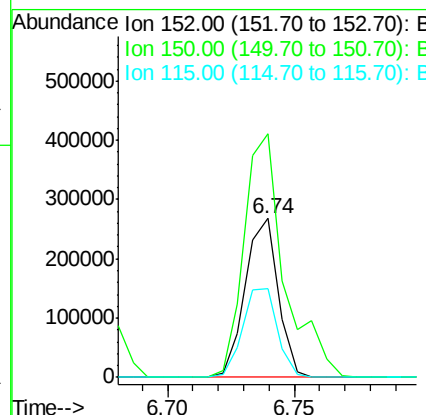
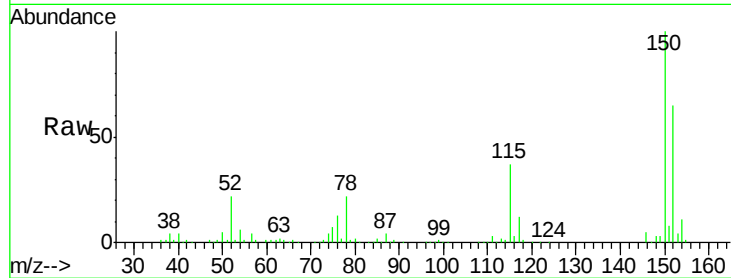




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

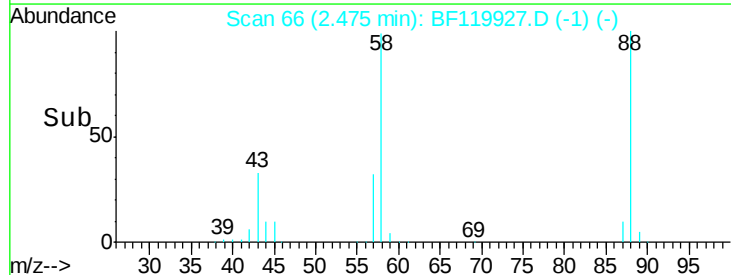
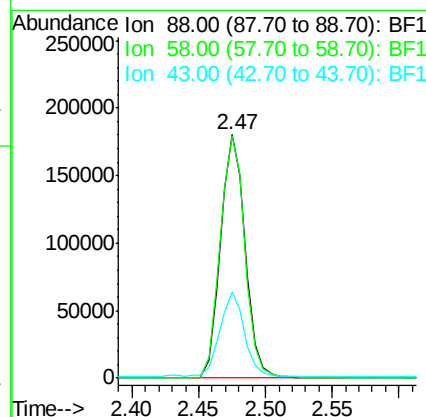
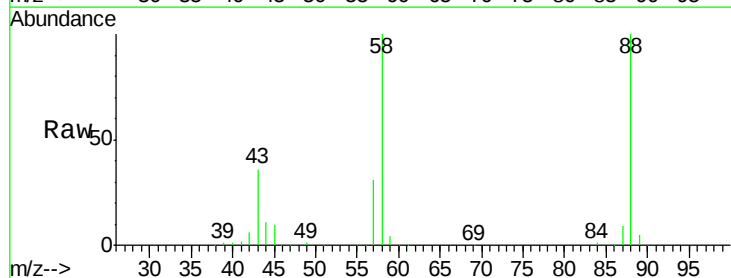
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

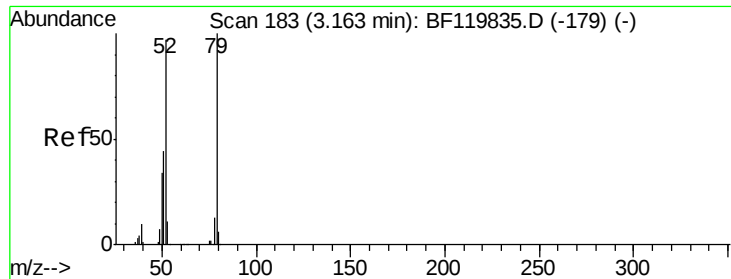
Tot Ion:152 Resp: 243858
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.8 187.2
 115 56.1 46.5 69.7



#2
 1,4-Dioxane
 Concen: 37.348 ng
 RT: 2.47 min Scan# 66
 Delta R.T. 0.09 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

Tgt Ion: 88 Resp: 234725
 Ion Ratio Lower Upper
 88 100
 58 99.1 82.6 123.8
 43 34.1 28.6 42.8





#3

Pvridine

Concen: 37.563 ng

RT: 3.17 min Scan# 185

Delta R.T. 0.09 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

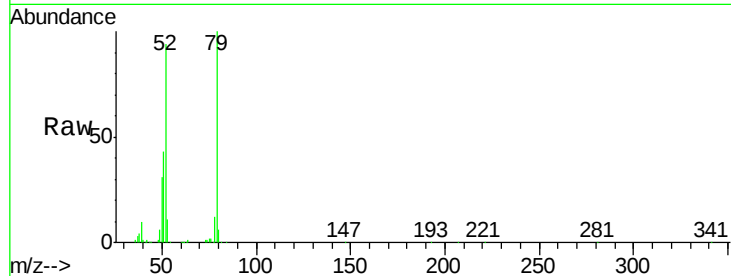
Tot Ion: 79 Resp: 647712

Ion Ratio Lower Upper

79 100

52 94.3 77.4 116.0

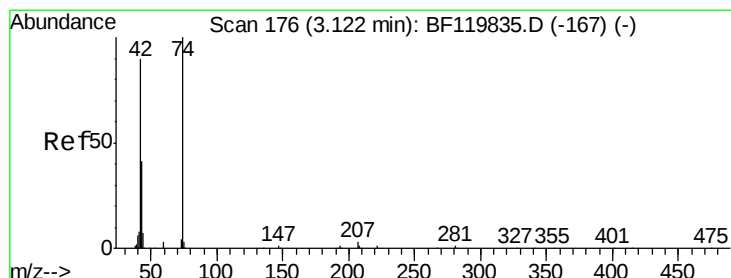
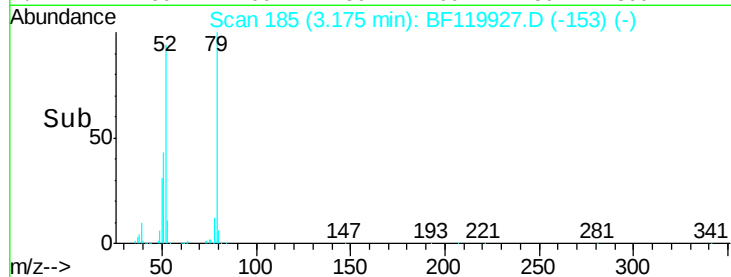
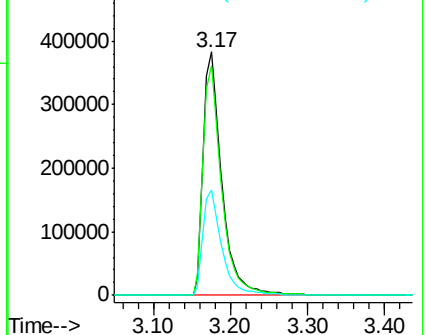
51 43.4 35.3 52.9



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: 41.906 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.09 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

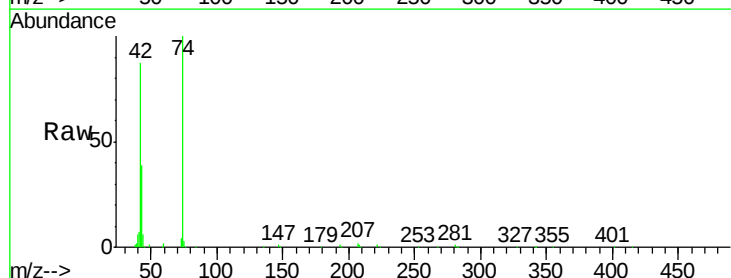
Tgt Ion: 42 Resp: 369207

Ion Ratio Lower Upper

42 100

74 114.9 89.0 133.4

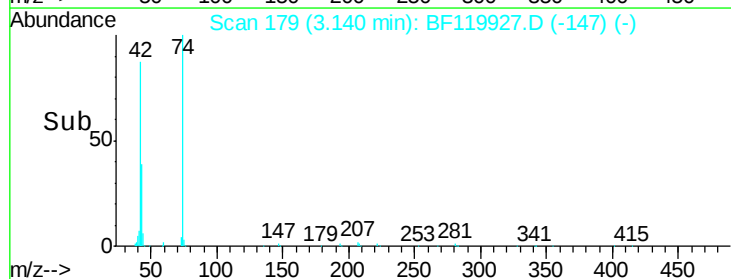
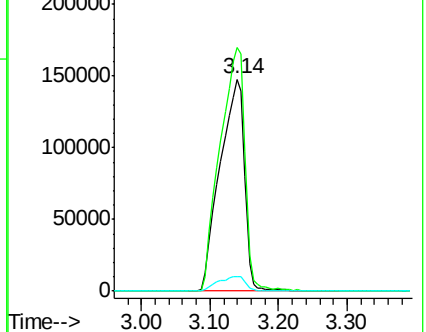
44 6.7 6.2 9.4



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: 40.750 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF119927.D

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ClientSampleId :

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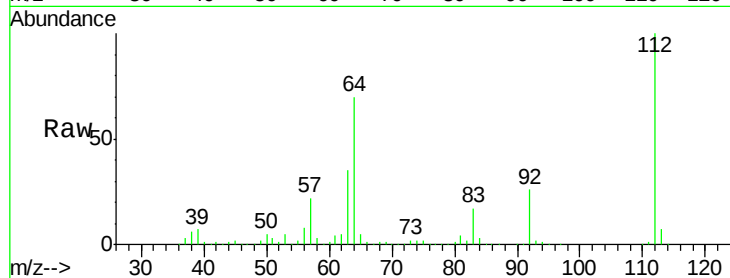
Tot Ion: 112 Resp: 575004

Ion Ratio Lower Upper

112 100

64 69.9 55.5 83.3

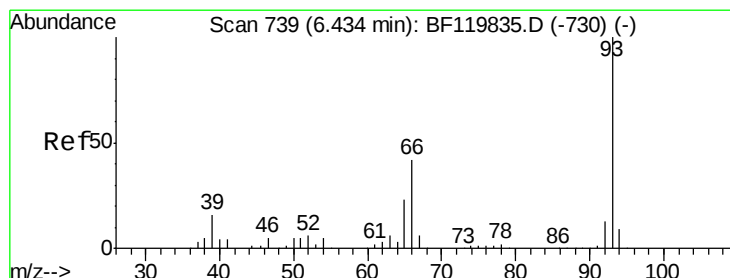
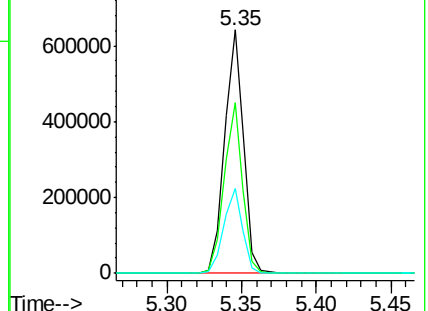
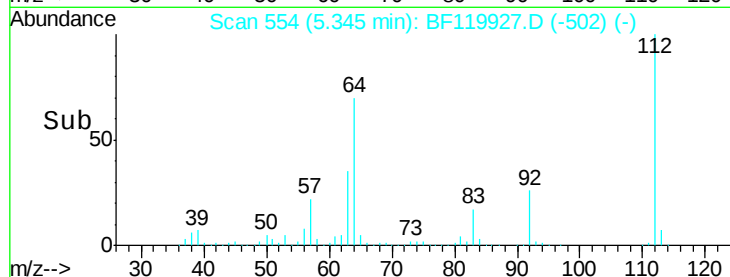
63 34.9 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.467 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

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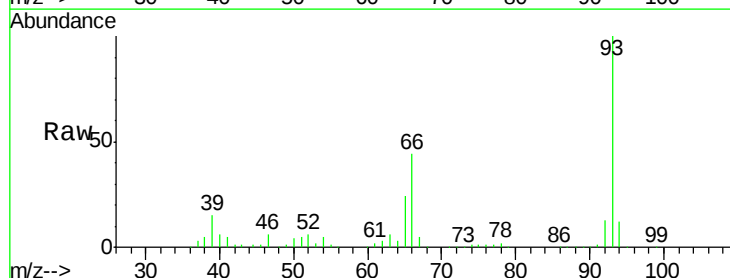
Tgt Ion: 93 Resp: 798679

Ion Ratio Lower Upper

93 100

66 44.2 34.2 51.2

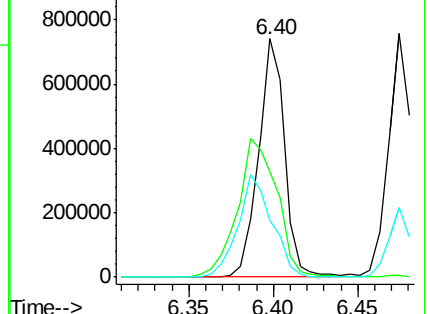
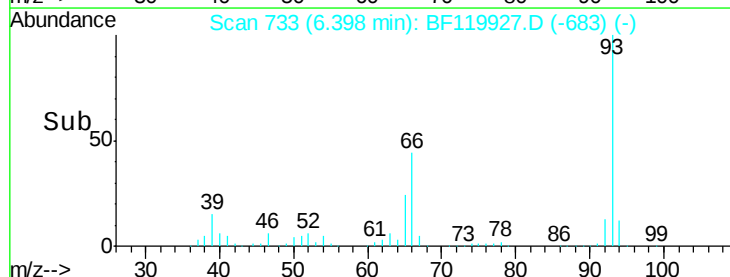
65 23.8 18.3 27.5



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: 42.104 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

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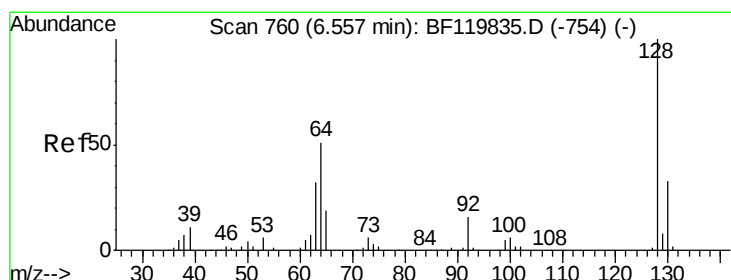
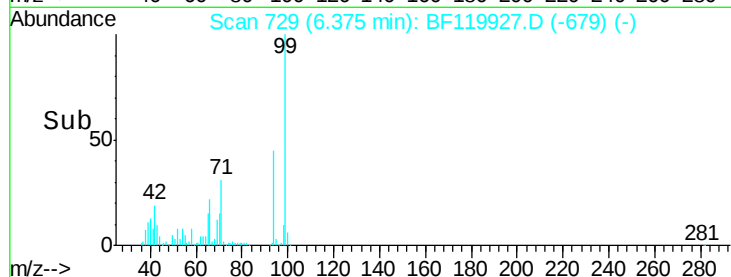
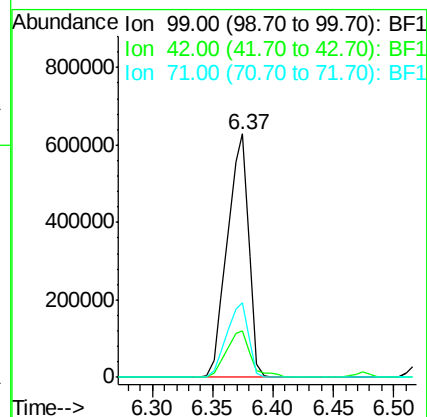
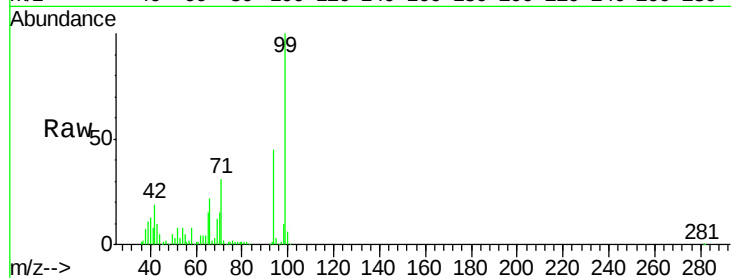
Tot Ion: 99 Resp: 765539

Ion Ratio Lower Upper

99 100

42 18.9 16.9 25.3

71 30.7 26.3 39.5



#8

2-Chlorophenol

Concen: 45.985 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

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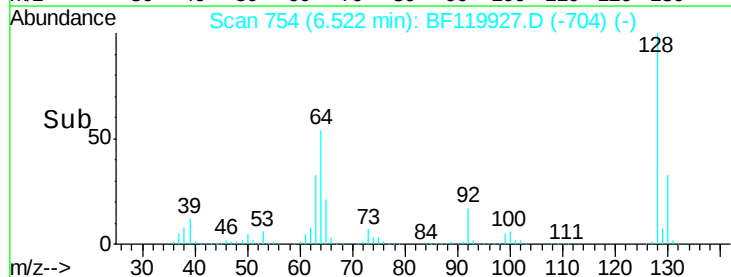
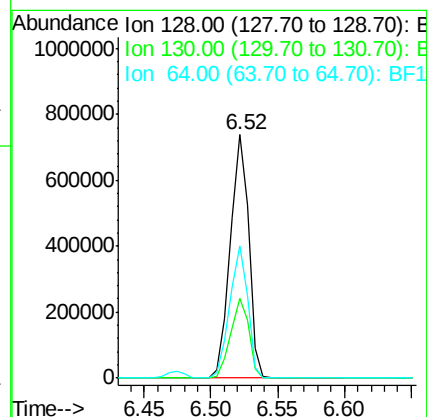
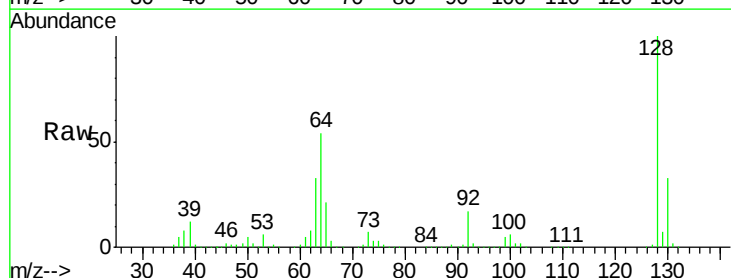
Tgt Ion: 128 Resp: 725014

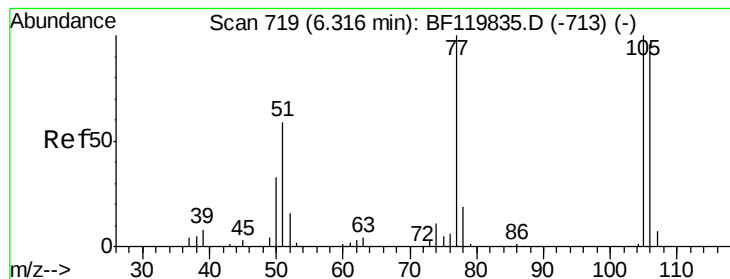
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 54.3 32.0 72.0





#9

Benzaldehyde

Concen: 31.045 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

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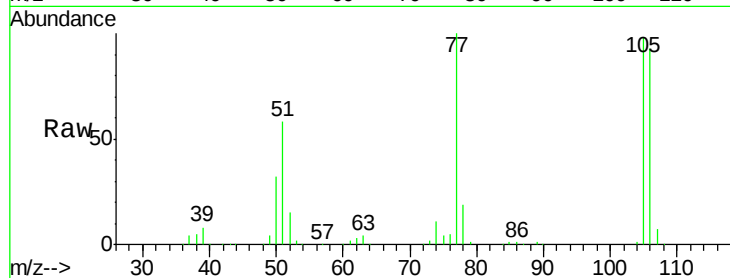
Tot Ion: 77 Resp: 334012

Ion Ratio Lower Upper

77 100

105 98.2 79.9 119.9

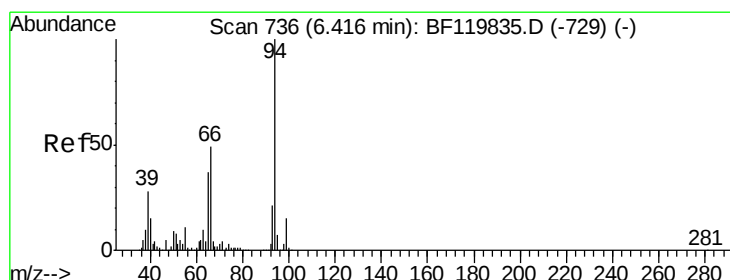
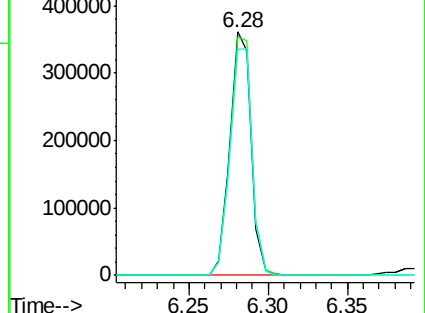
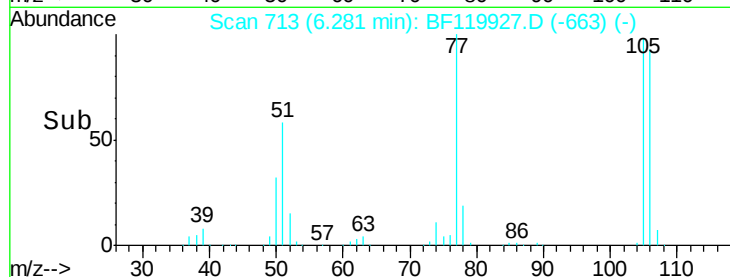
106 92.5 76.4 116.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 45.188 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

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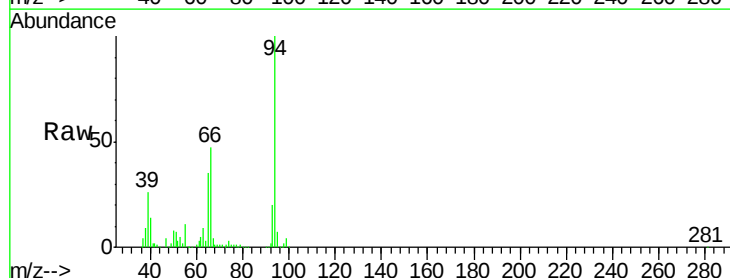
Tgt Ion: 94 Resp: 932126

Ion Ratio Lower Upper

94 100

65 34.9 16.6 56.6

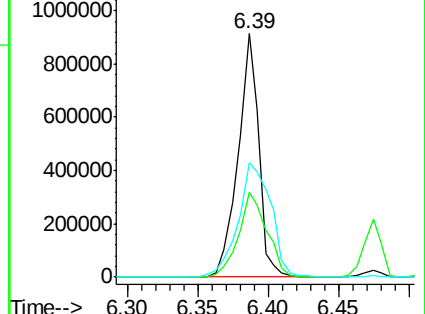
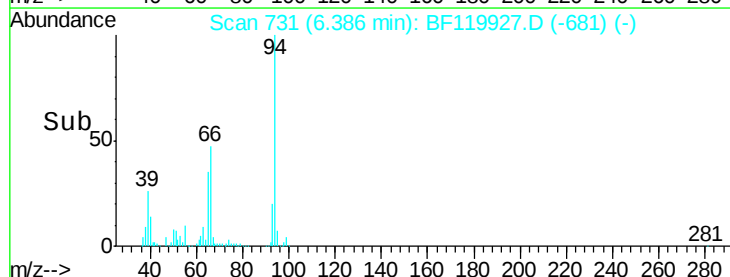
66 47.2 29.3 69.3

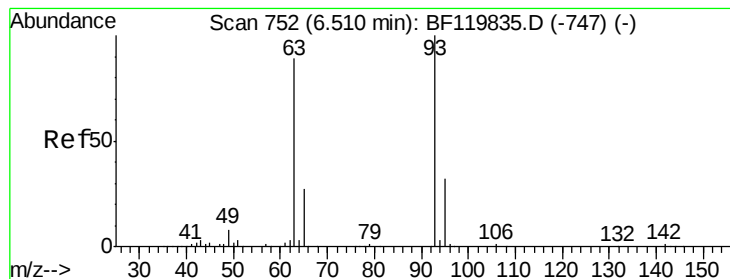


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.519 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

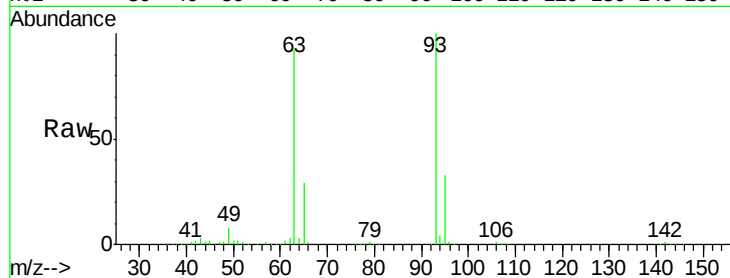
Tot Ion: 93 Resp: 677204

Ion Ratio Lower Upper

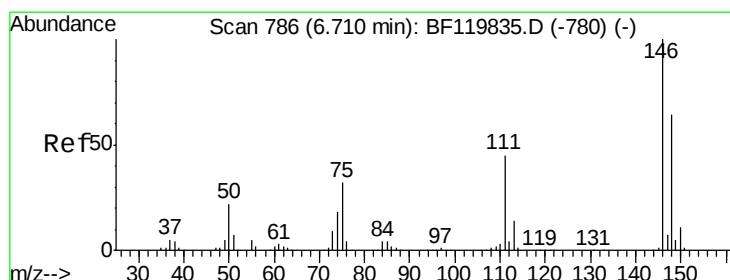
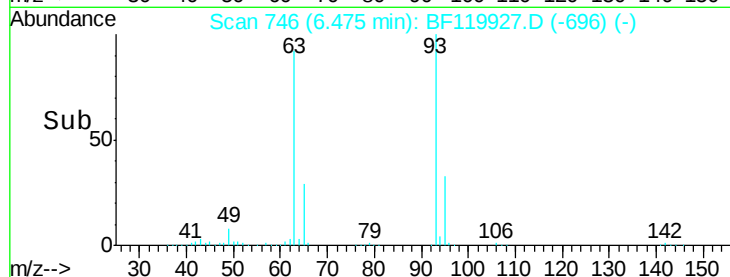
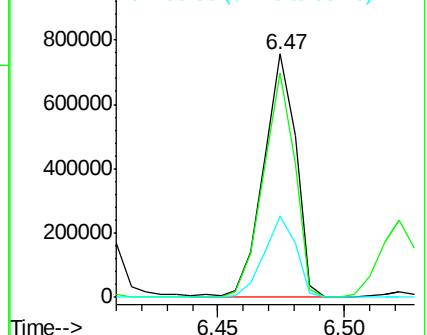
93 100

63 92.2 69.1 109.1

95 33.2 12.3 52.3



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



#12

1,3-Dichlorobenzene

Concen: 42.094 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

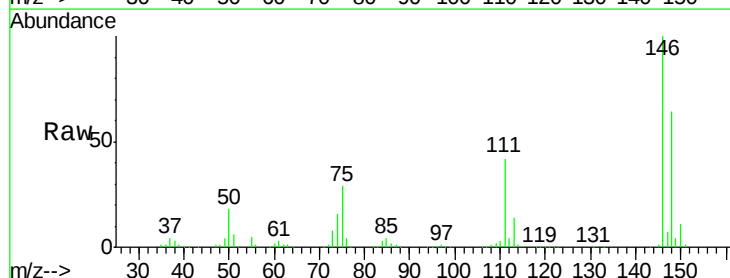
Tgt Ion: 146 Resp: 726578

Ion Ratio Lower Upper

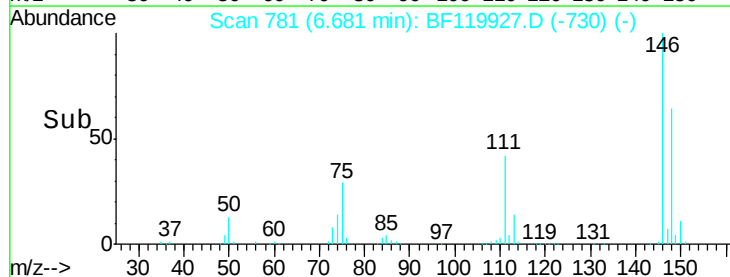
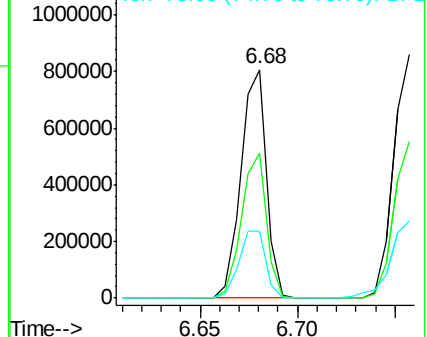
146 100

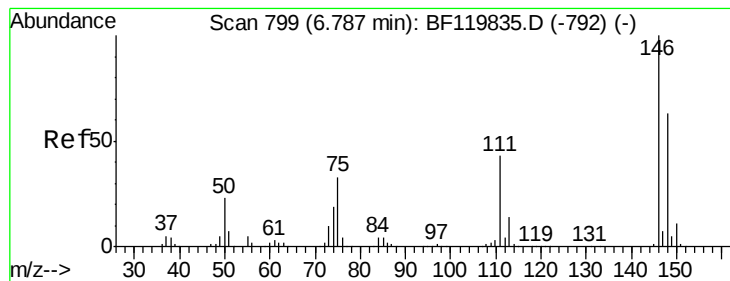
148 63.6 51.3 76.9

75 29.3 25.3 37.9



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





#13

1,4-Dichlorobenzene

Concen: 40.961 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

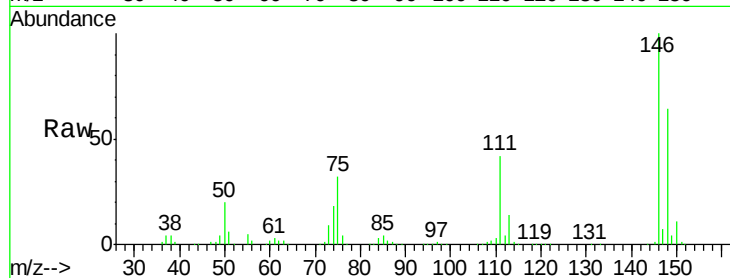
Tot Ion:146 Resp: 720214

Ion Ratio Lower Upper

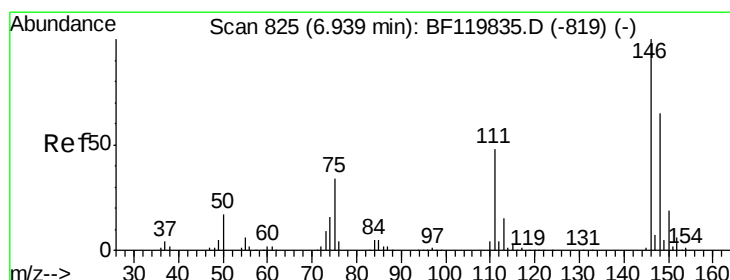
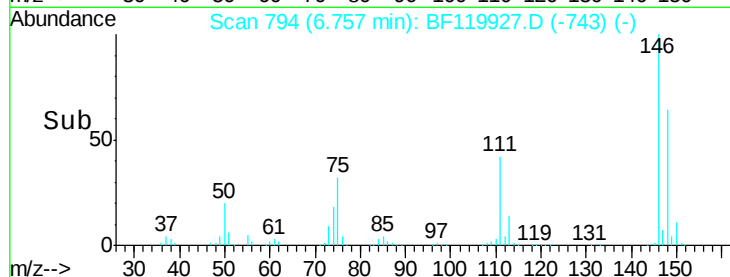
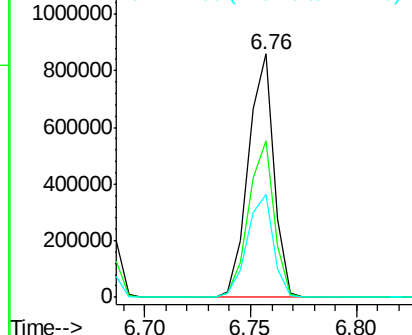
146 100

148 64.1 50.5 75.7

111 42.3 34.7 52.1



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



#14

1,2-Dichlorobenzene

Concen: 42.883 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

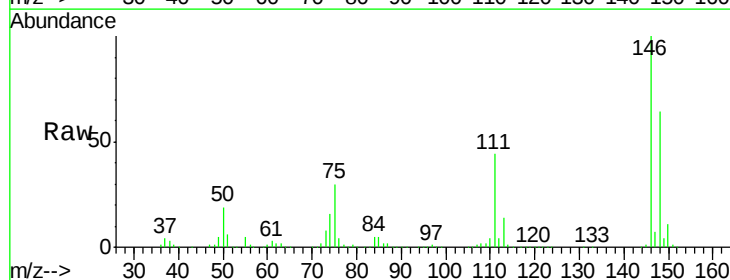
Tgt Ion:146 Resp: 694890

Ion Ratio Lower Upper

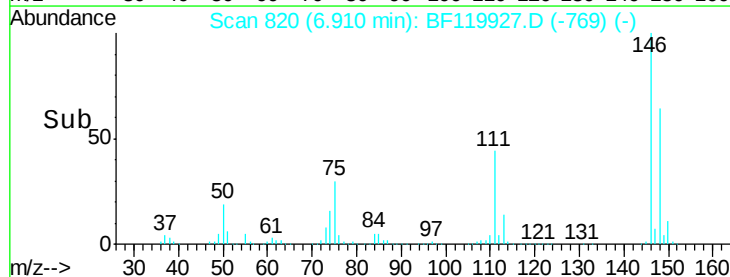
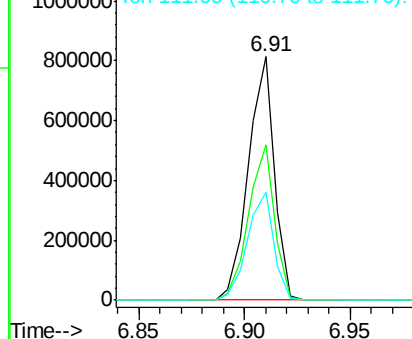
146 100

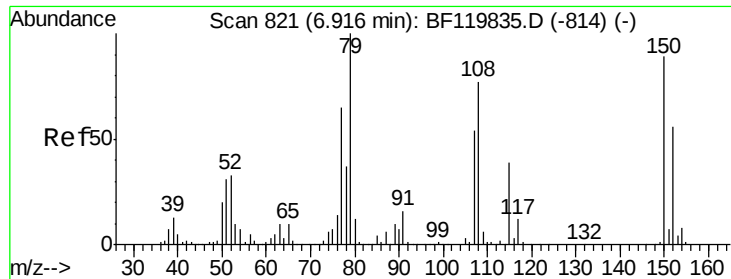
148 63.8 51.8 77.8

111 44.5 38.0 57.0



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

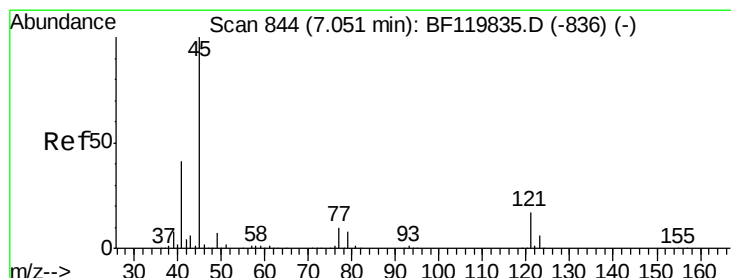
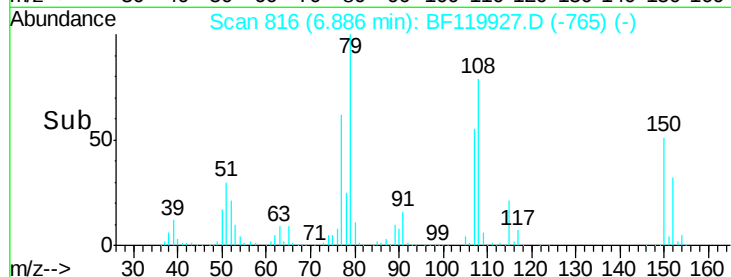
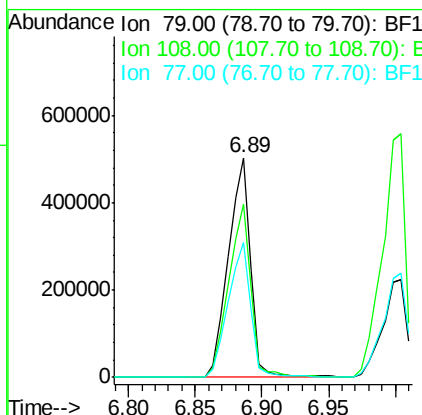
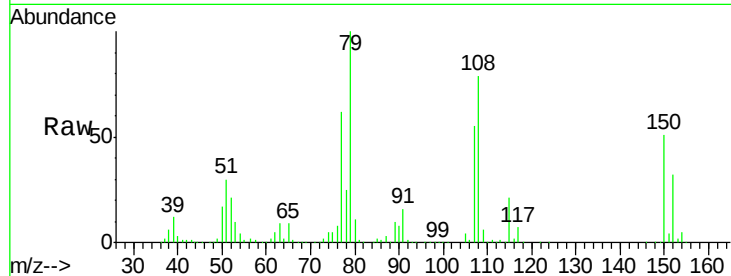




#15
Benzyl Alcohol
Concen: 42.012 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

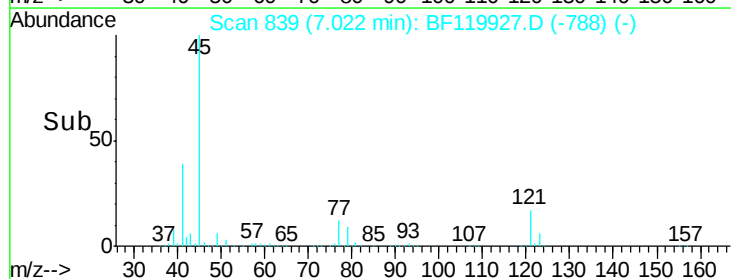
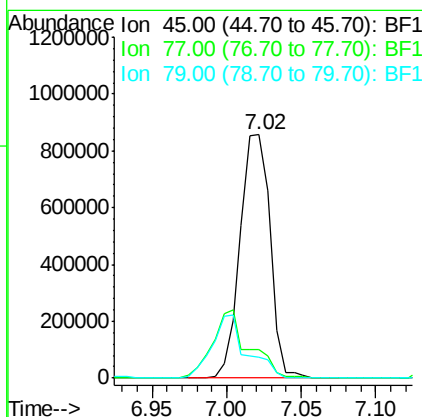
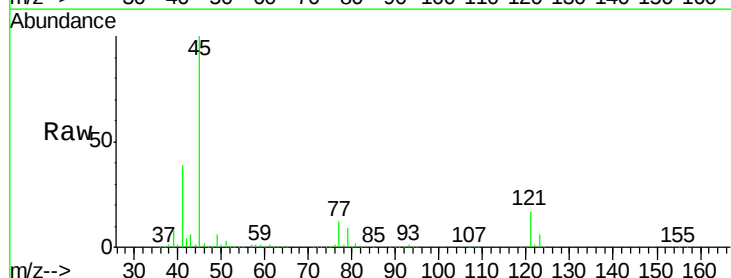
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

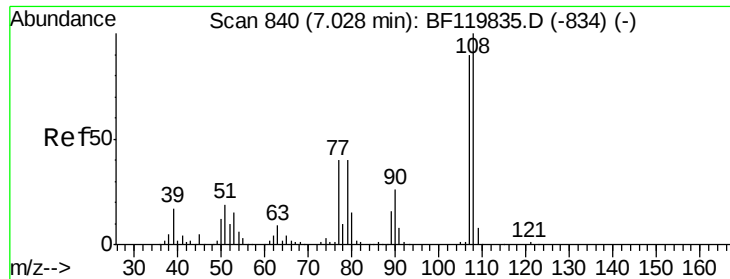
Tot Ion: 79 Resp: 593304
Ion Ratio Lower Upper
79 100
108 78.8 62.0 93.0
77 61.7 51.8 77.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.625 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Tgt Ion: 45 Resp: 1197088
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.7
79 8.7 0.0 28.6

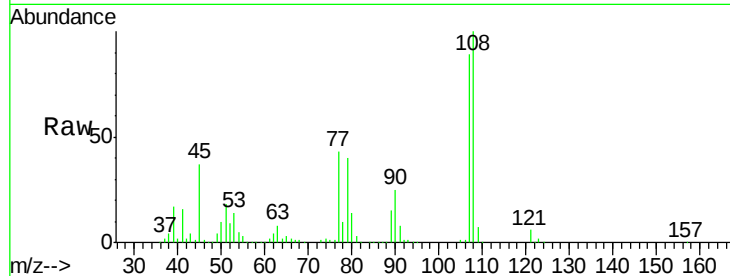




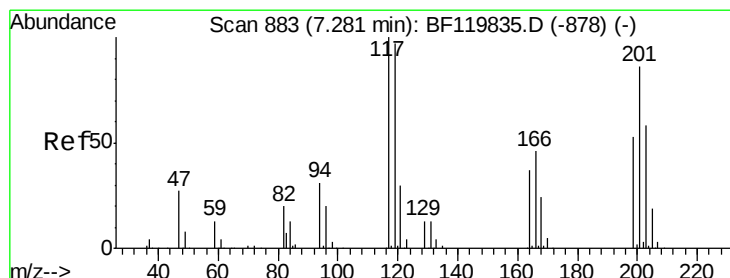
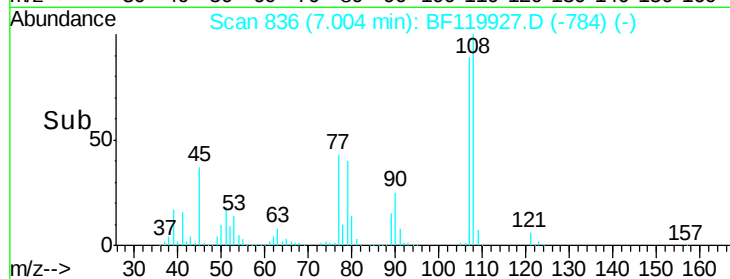
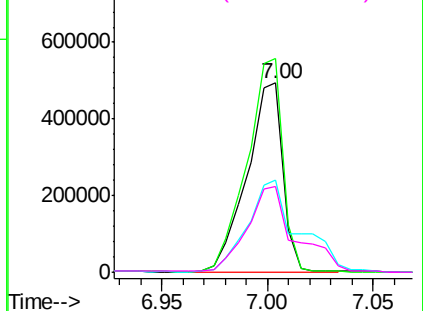
#17
2-Methylphenol
Concen: 41.284 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion:107	Resp:	580865
Ion Ratio	Lower	Upper
107	100	
108	112.8	88.8 133.2
77	48.4	36.0 54.0
79	45.4	35.7 53.5

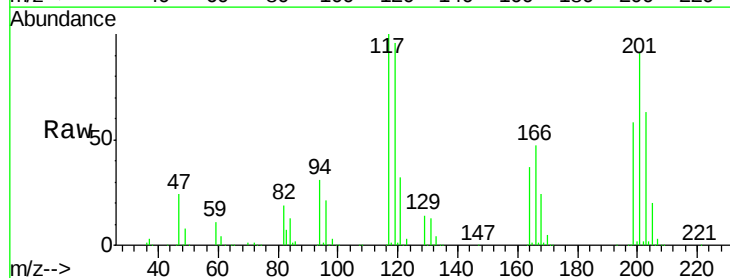


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

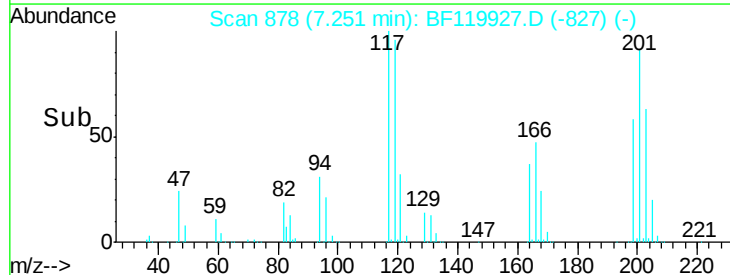
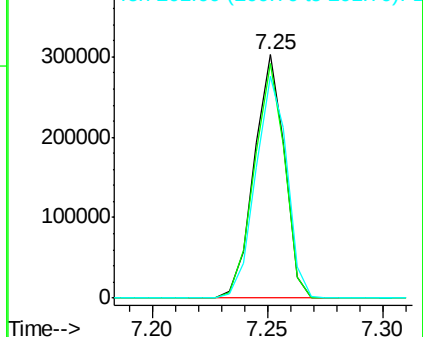


#18
Hexachloroethane
Concen: 42.113 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Tgt Ion:117	Resp:	276732
Ion Ratio	Lower	Upper
117	100	
119	96.3	77.4 116.0
201	90.9	68.4 102.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

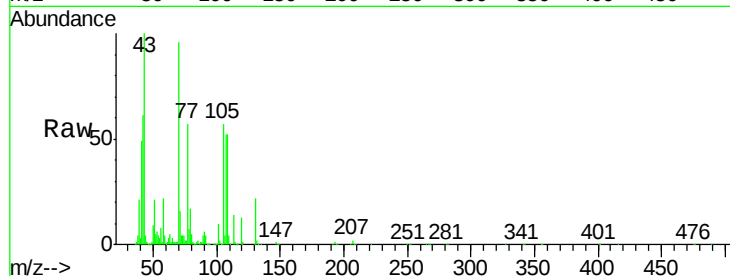




#19
n-Nitroso-di-n-propylamine
Concen: 41.972 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion:	70	Resp:	490739
Ion	Ratio	Lower	Upper
70	100		
42	63.6	54.2	81.4
101	9.9	7.4	11.2
130	22.4	17.8	26.6



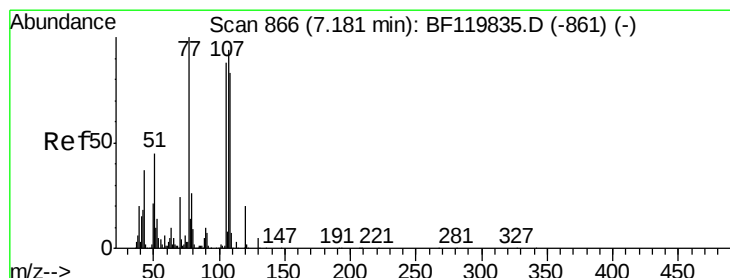
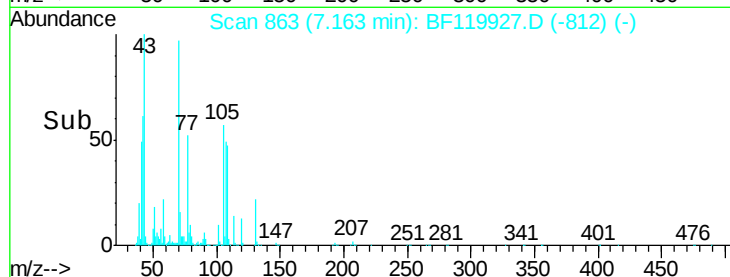
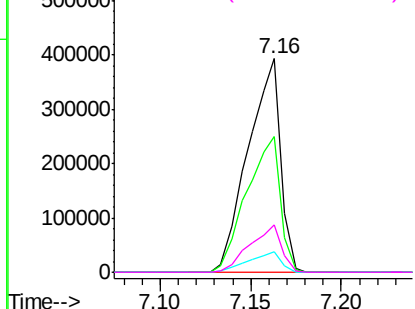
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

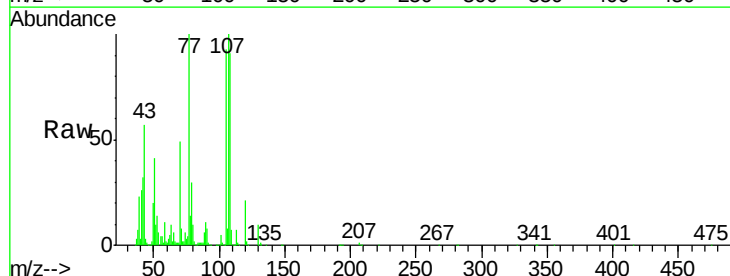
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 41.103 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Tgt Ion:	107	Resp:	707307
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.2	108.2
77	99.8	86.6	126.6
79	30.3	7.7	47.7



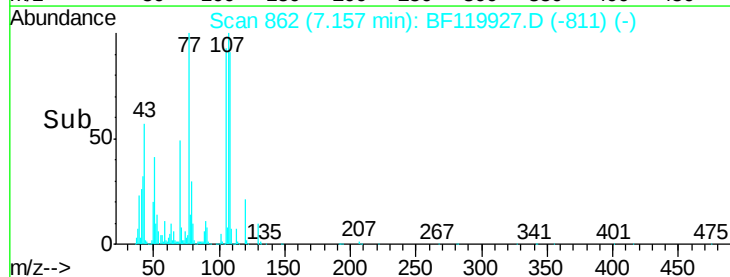
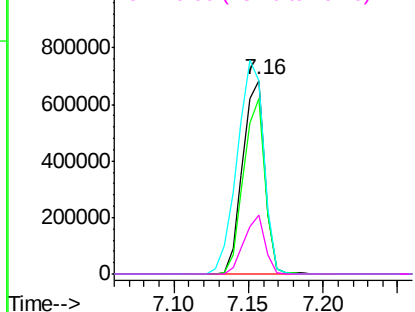
Abundance

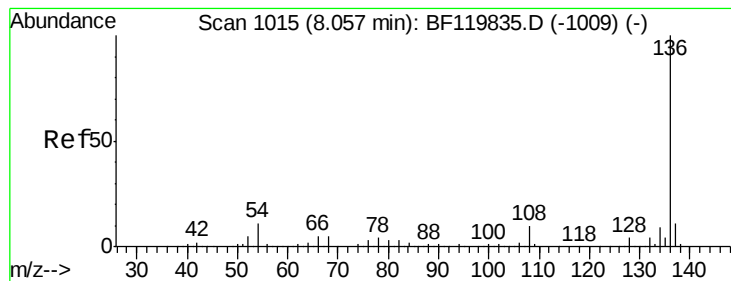
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tot Ion:136 Resp: 969469

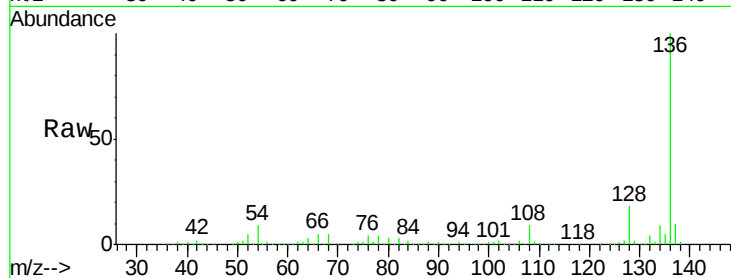
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 9.2 8.5 12.7

68 5.2 3.9 5.9

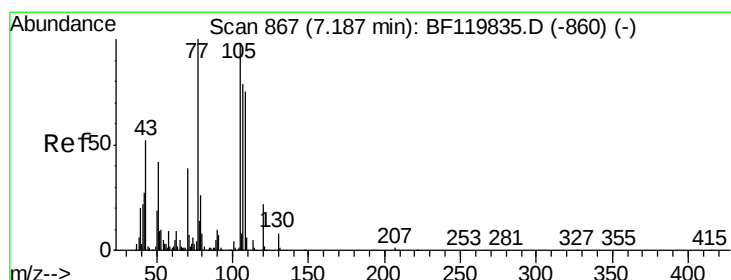
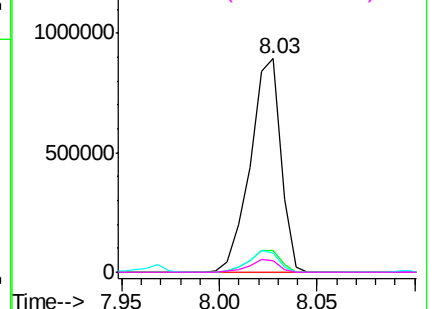
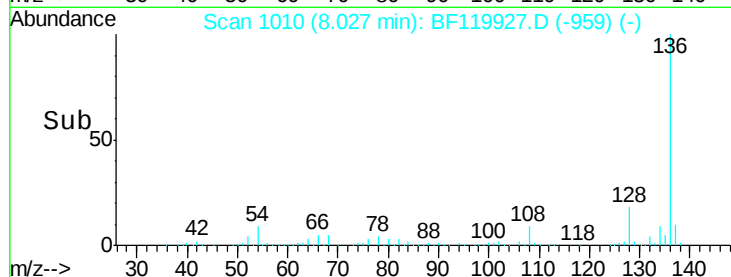


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.749 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Tgt Ion:105 Resp: 925085

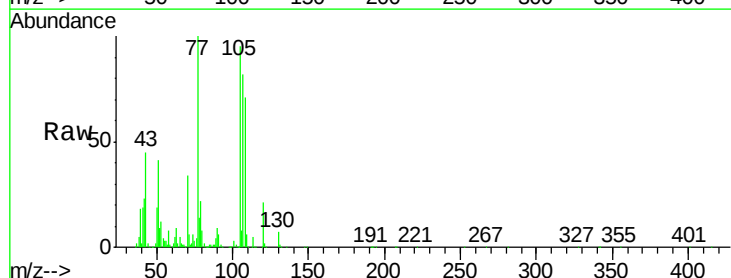
Ion Ratio Lower Upper

105 100

71 5.9 5.6 8.4

51 43.2 33.9 50.9

120 22.5 17.8 26.8

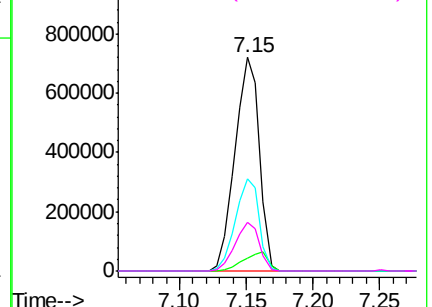
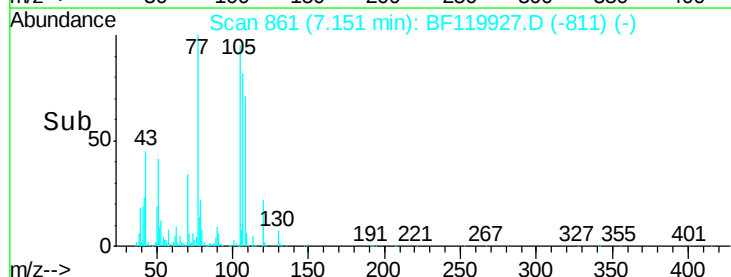


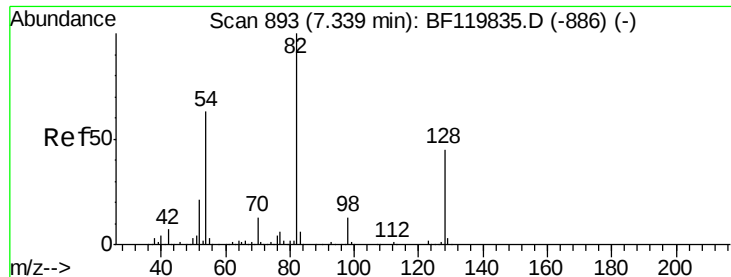
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

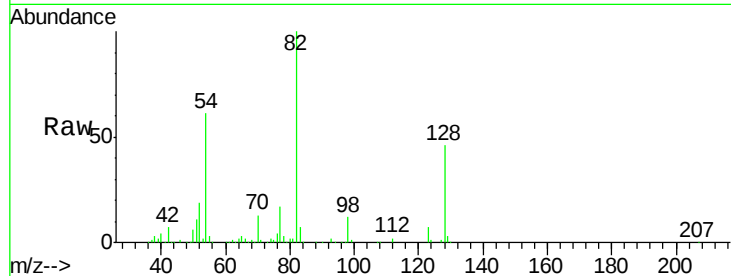




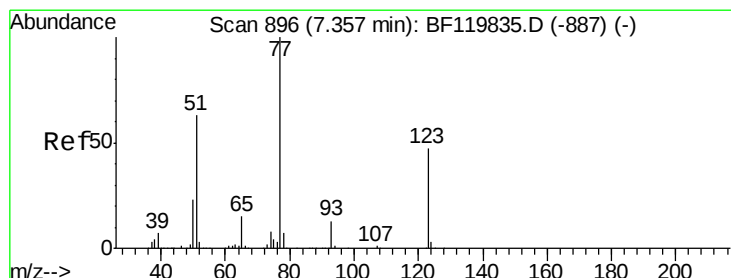
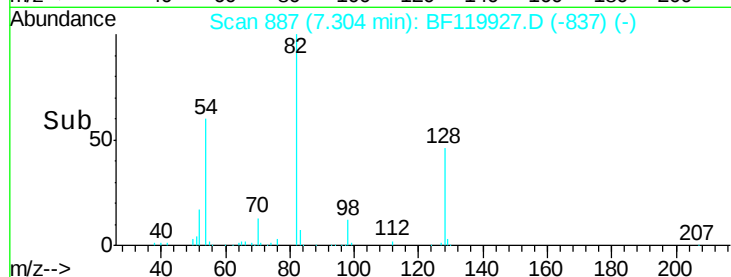
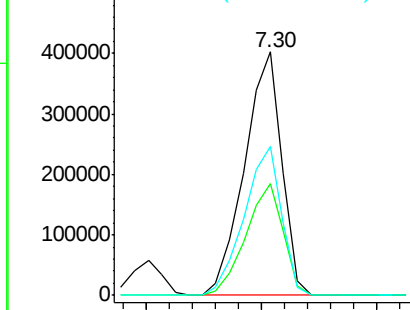
#23
Nitrobenzene-d5
Concen: 24.162 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion: 82 Resp: 452780
Ion Ratio Lower Upper
82 100
128 45.8 36.2 54.4
54 61.0 50.4 75.6

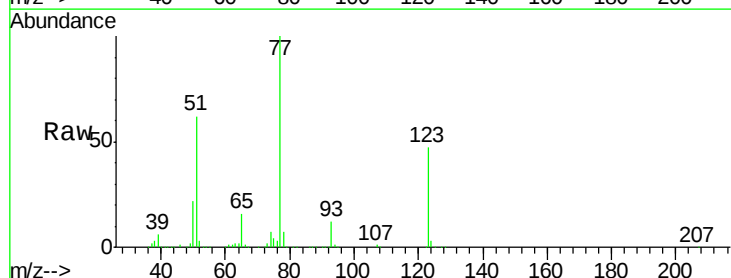


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

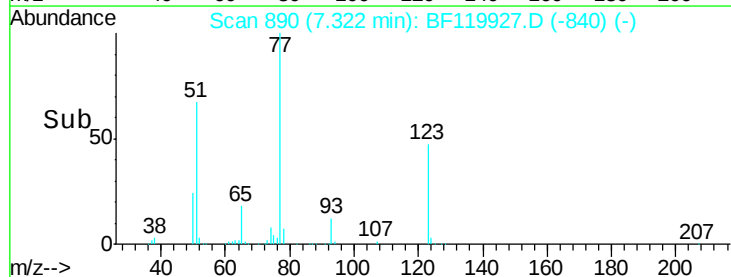
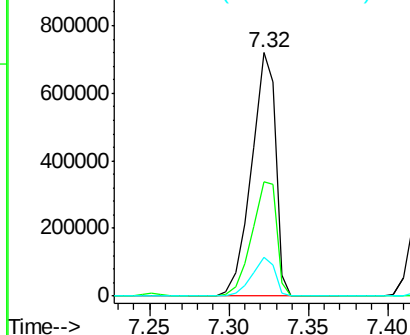


#24
Nitrobenzene
Concen: 40.258 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Tgt Ion: 77 Resp: 758910
Ion Ratio Lower Upper
77 100
123 47.2 37.8 56.8
65 15.7 12.2 18.2



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





#25

Isophorone

Concen: 38.593 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

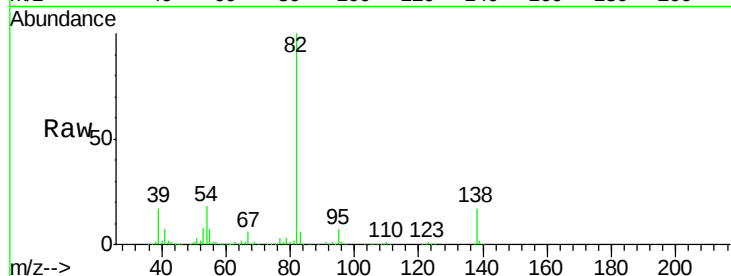
Tot Ion: 82 Resp: 1394154

Ion Ratio Lower Upper

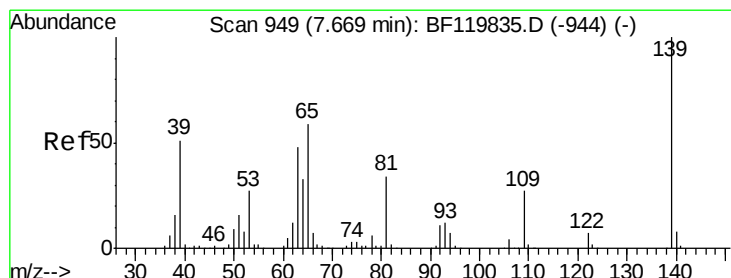
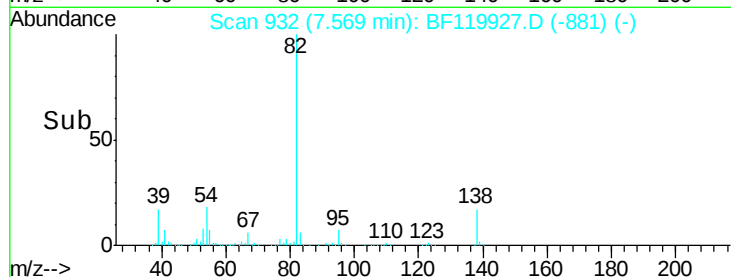
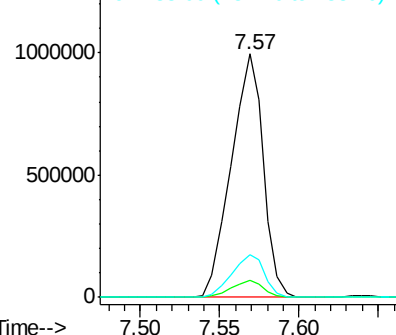
82 100

95 7.0 5.8 8.6

138 17.5 14.5 21.7



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: 41.828 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

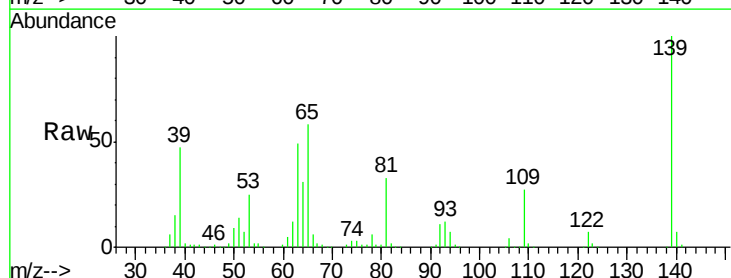
Tgt Ion:139 Resp: 393943

Ion Ratio Lower Upper

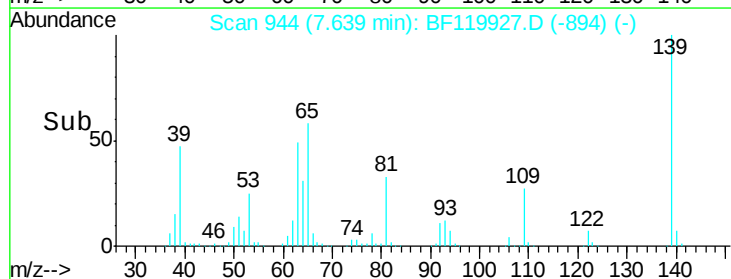
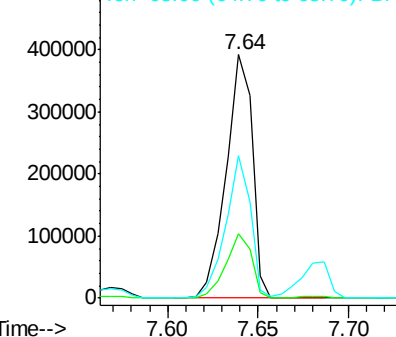
139 100

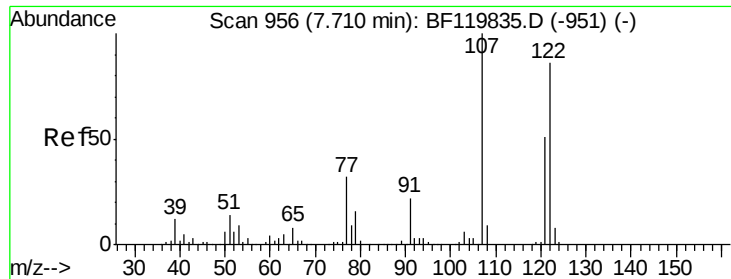
109 26.6 21.8 32.6

65 58.5 47.0 70.4



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

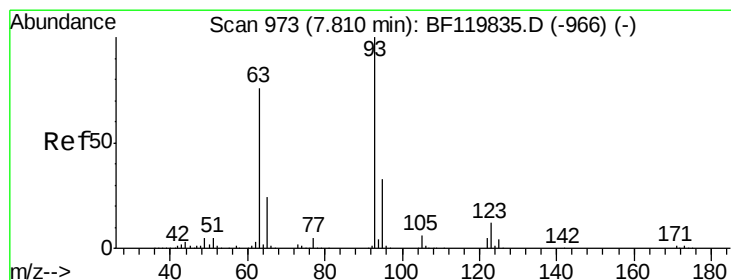
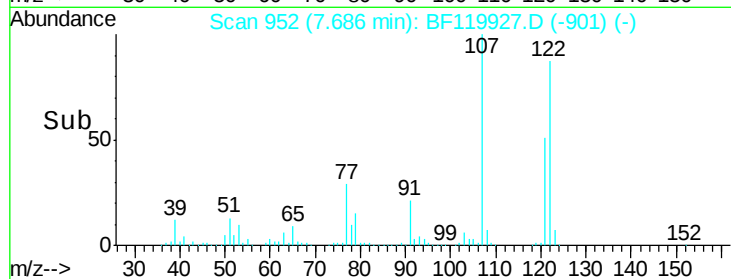
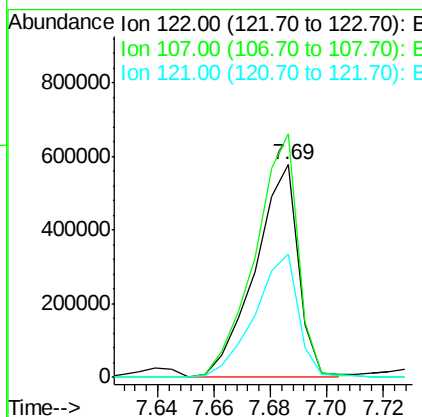
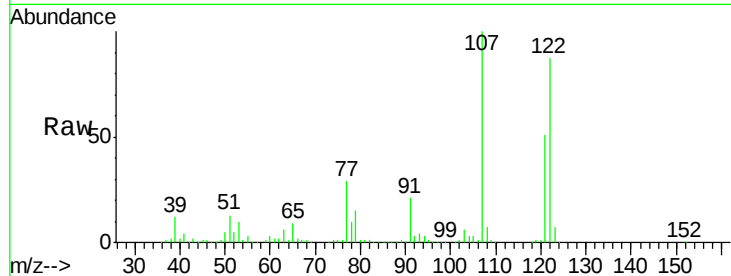




#27
 2,4-Dimethylphenol
 Concen: 43.347 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

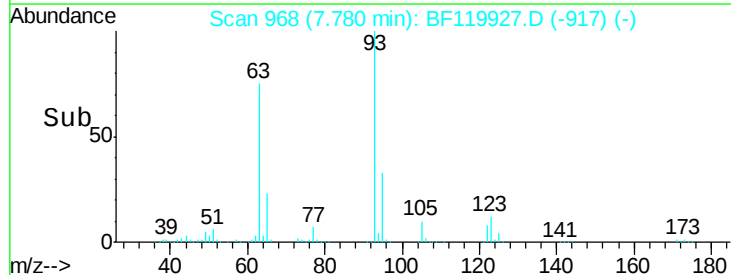
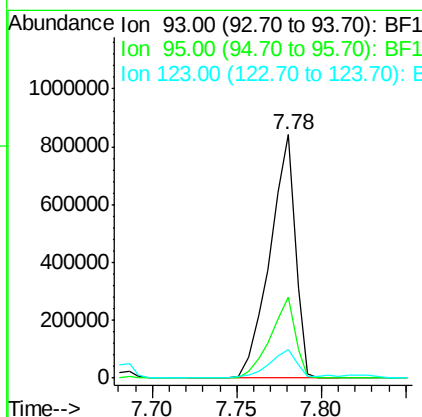
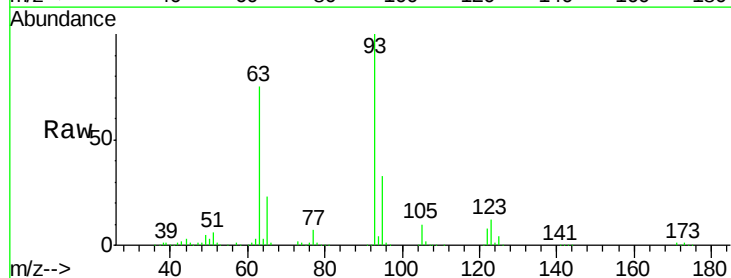
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

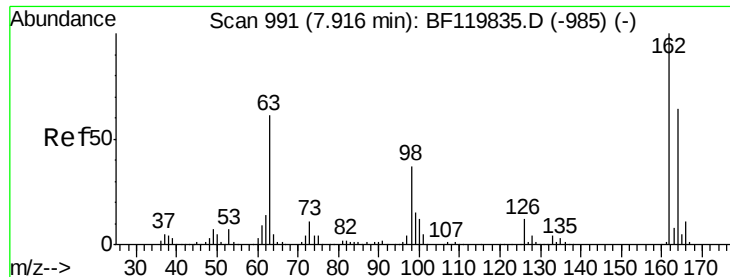
Tot Ion:122 Resp: 615714
 Ion Ratio Lower Upper
 122 100
 107 114.5 92.3 138.5
 121 57.9 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.249 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

Tgt Ion: 93 Resp: 876835
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.4 39.6
 123 11.7 9.7 14.5

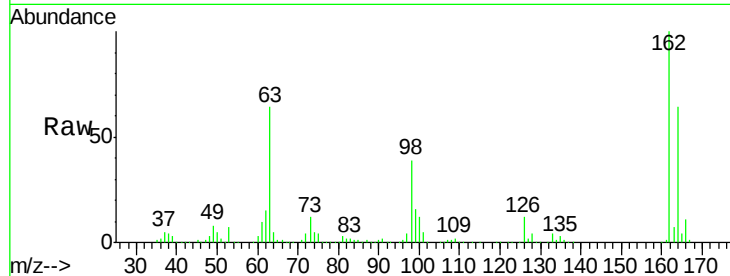




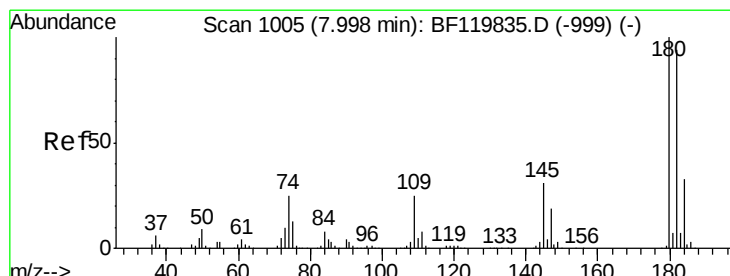
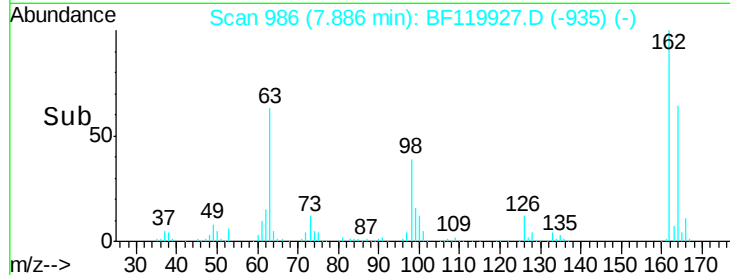
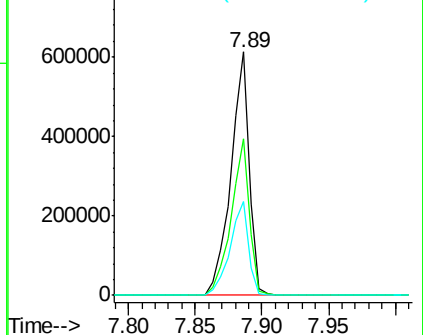
#29
 2,4-Dichlorophenol
 Concen: 41.166 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.4	84.4
98	38.7	17.3	57.3

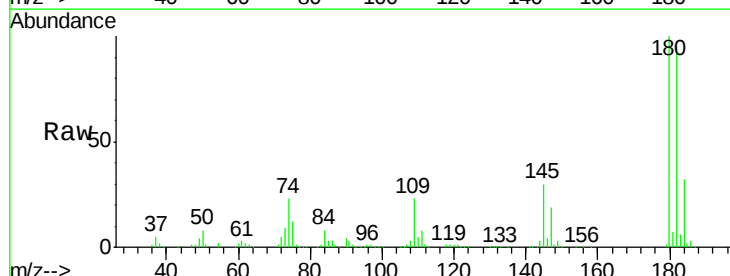


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

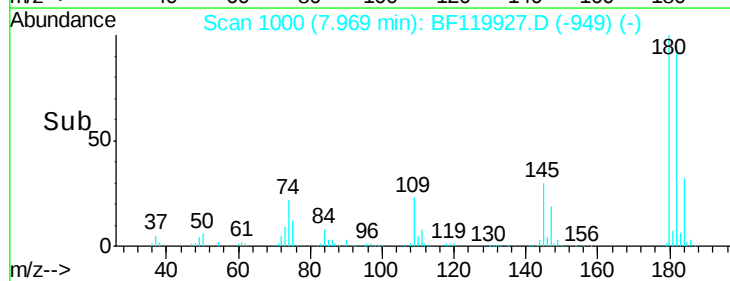
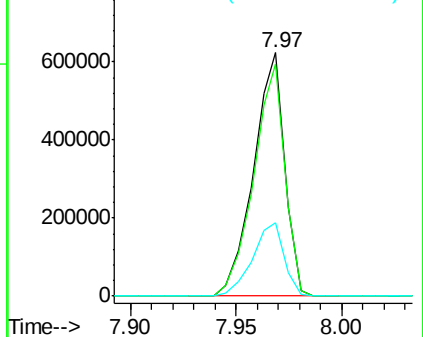


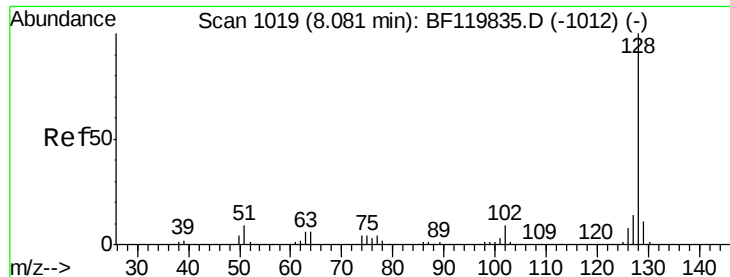
#30
 1,2,4-Trichlorobenzene
 Concen: 38.739 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.4	113.0
145	30.2	24.6	37.0



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

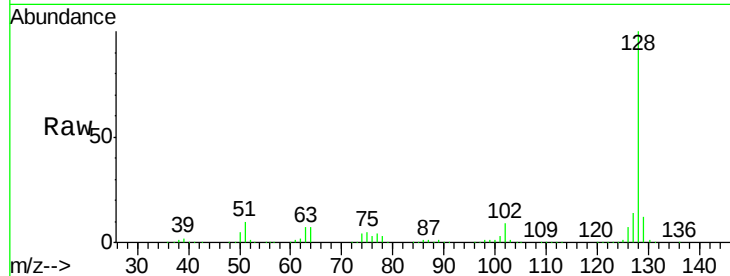




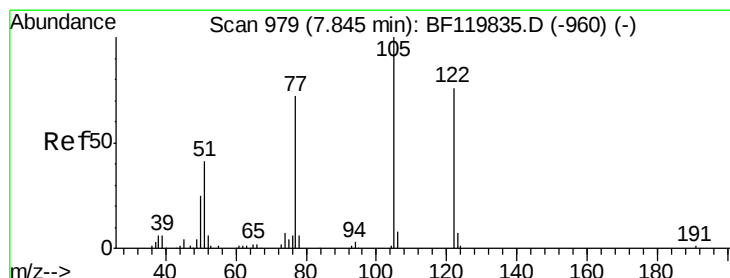
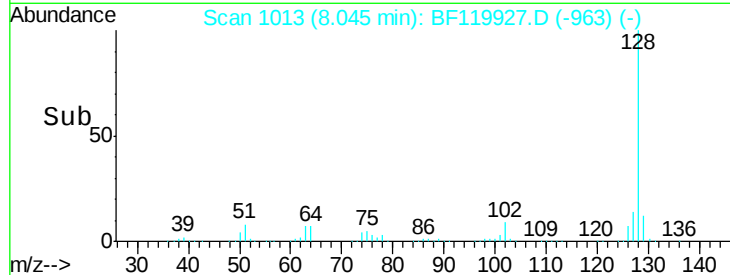
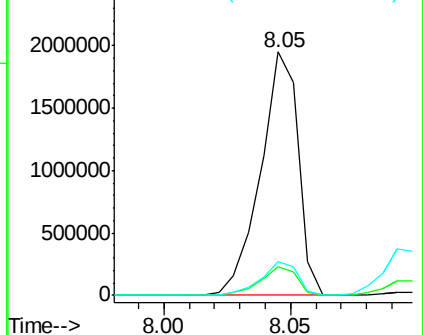
#31
Naphthalene
Concen: 39.820 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion:128 Resp: 2031071
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 13.7 11.0 16.4

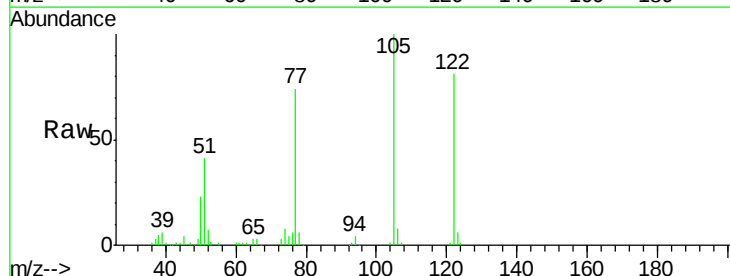


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

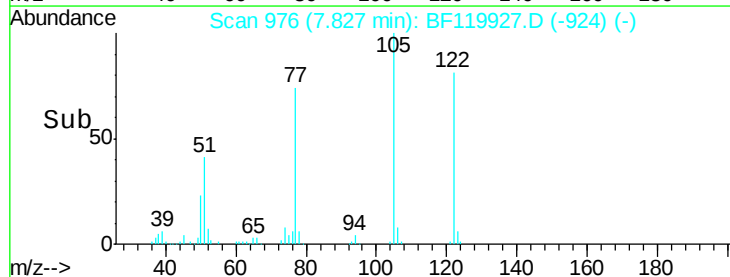
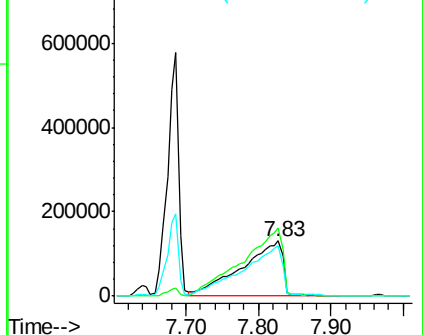


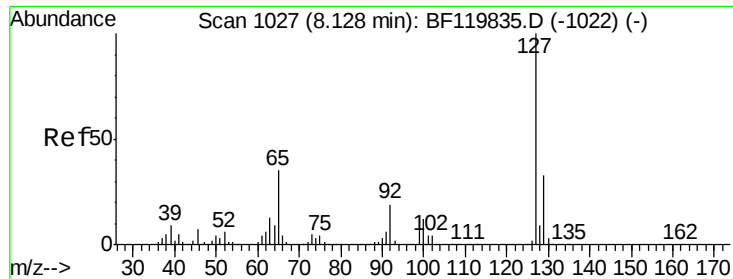
#32
Benzoic acid
Concen: 40.844 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.01 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Tgt Ion:122 Resp: 509532
Ion Ratio Lower Upper
122 100
105 123.0 106.7 146.7
77 91.3 72.1 112.1



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

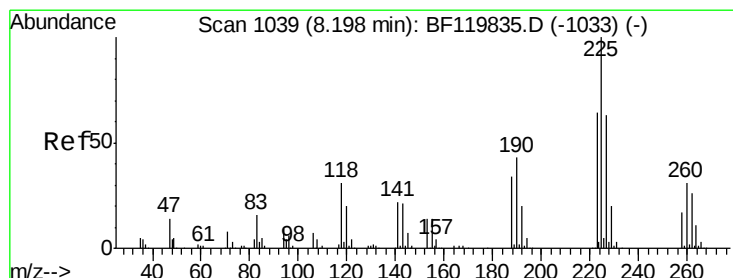
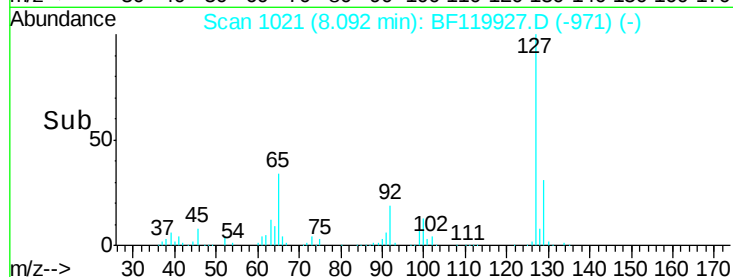
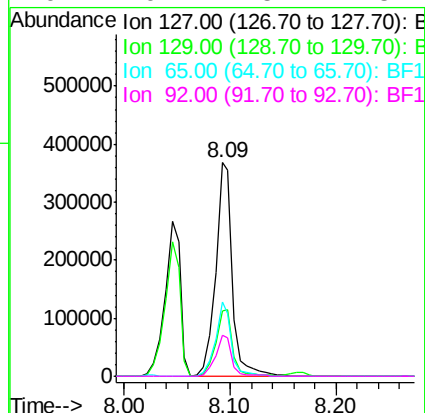
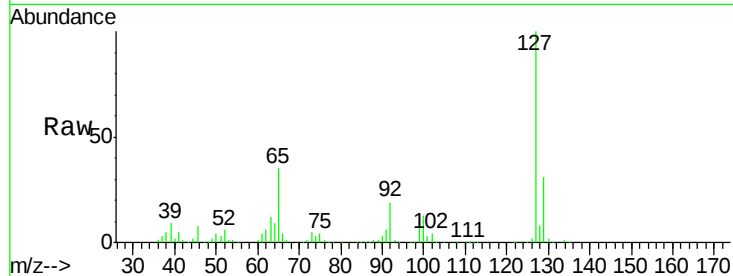




#33
4-Chloroaniline
Concen: 18.649 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

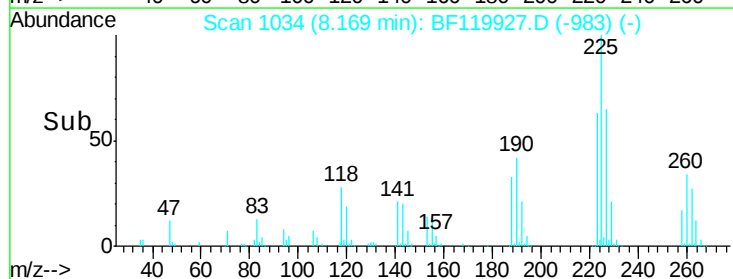
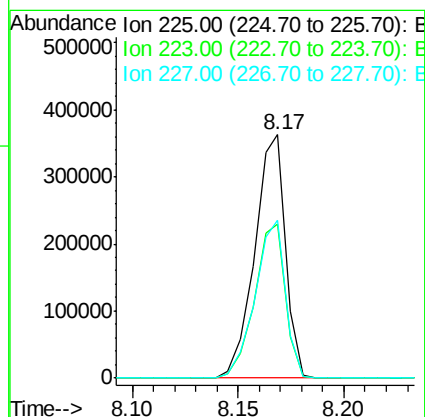
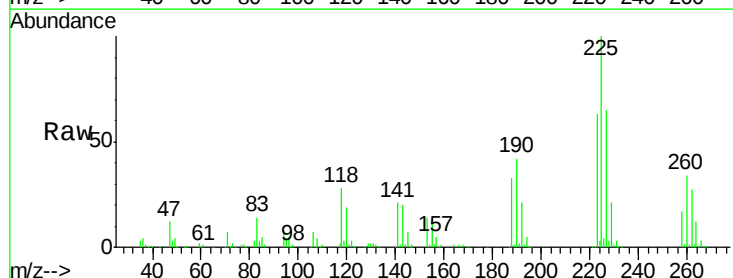
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

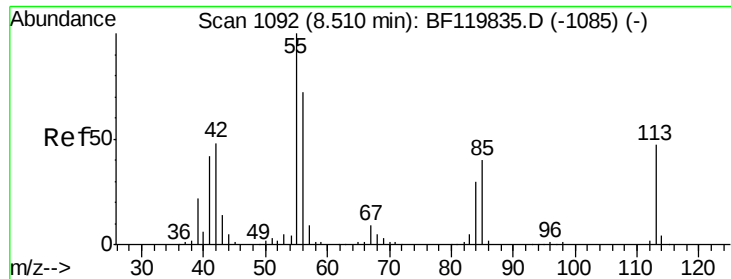
Tot Ion:	127	Resp:	414097
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.2	39.2
65	34.7	28.3	42.5
92	19.4	15.4	23.2



#34
Hexachlorobutadiene
Concen: 37.095 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Tgt Ion:	225	Resp:	366330
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.6
227	65.1	50.4	75.6

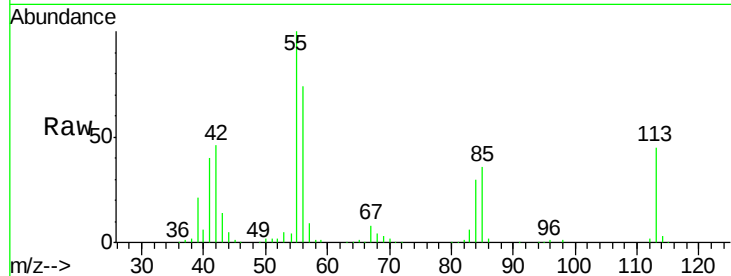




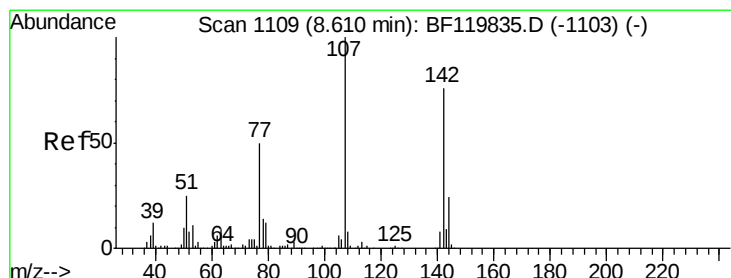
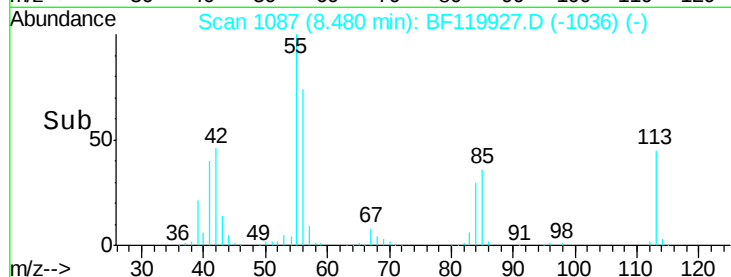
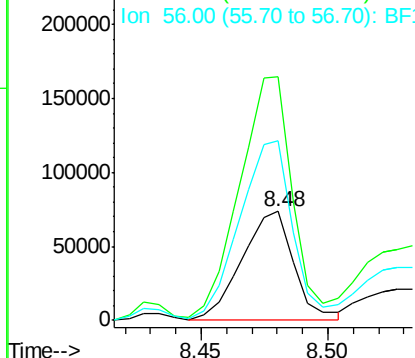
#35
 Caprolactam
 Concen: 23.282 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion:113 Resp: 103693
 Ion Ratio Lower Upper
 113 100
 55 223.9 192.7 232.7
 56 165.4 133.3 173.3

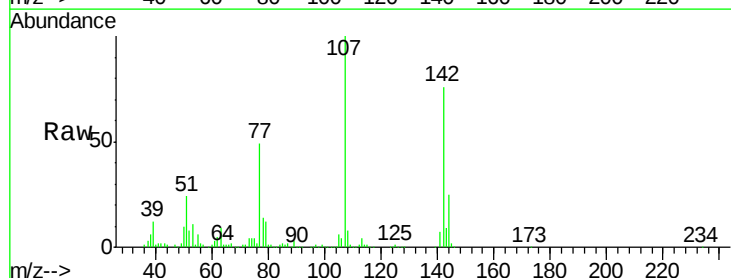


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

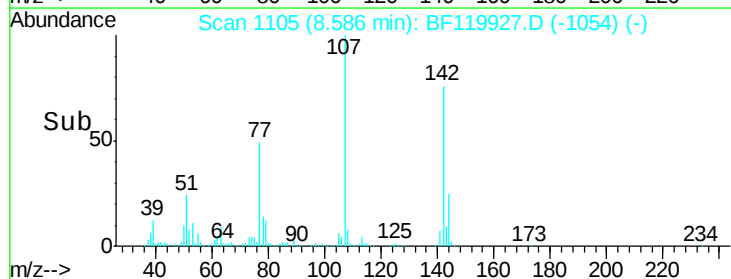
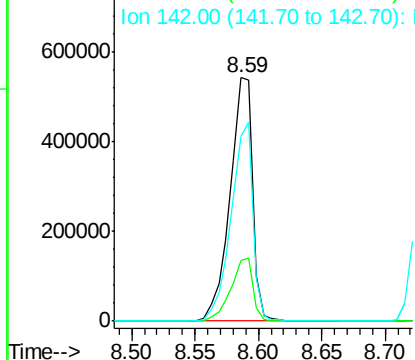


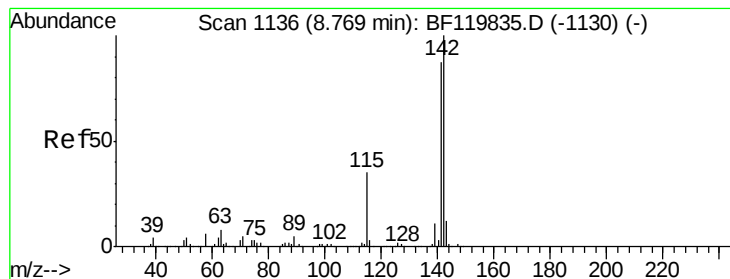
#36
 4-Chloro-3-methylphenol
 Concen: 41.962 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

Tgt Ion:107 Resp: 661457
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.5 29.3
 142 76.0 60.5 90.7



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: 40.035 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

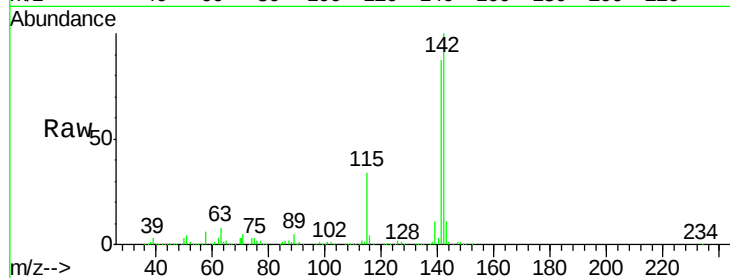
Tot Ion:142 Resp: 1384438

Ion Ratio Lower Upper

142 100

141 87.0 69.9 104.9

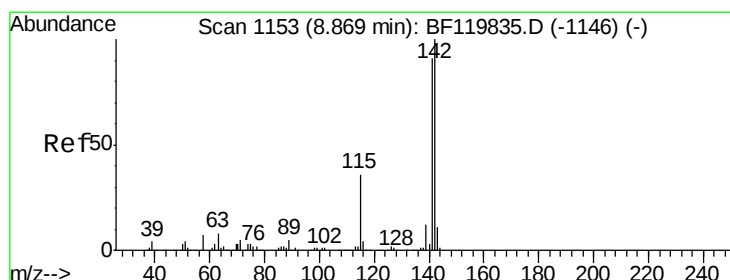
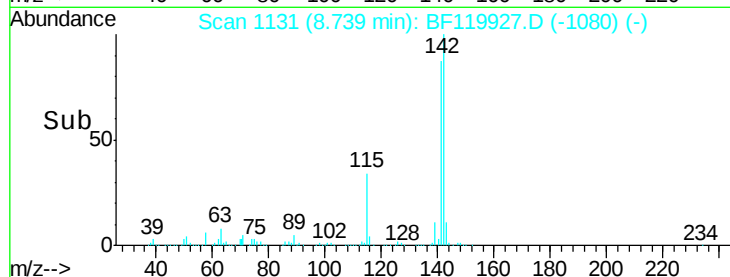
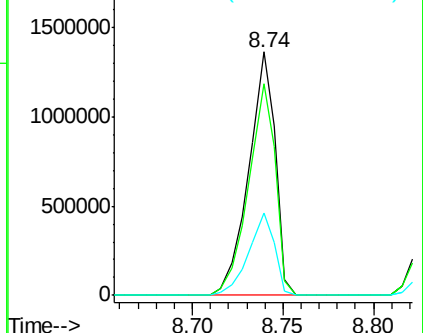
115 34.0 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.617 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

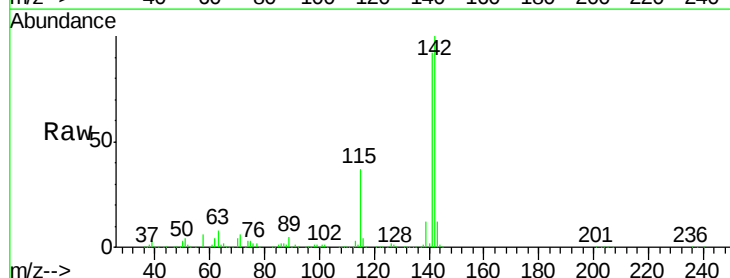
Tgt Ion:142 Resp: 1291268

Ion Ratio Lower Upper

142 100

141 91.9 72.9 109.3

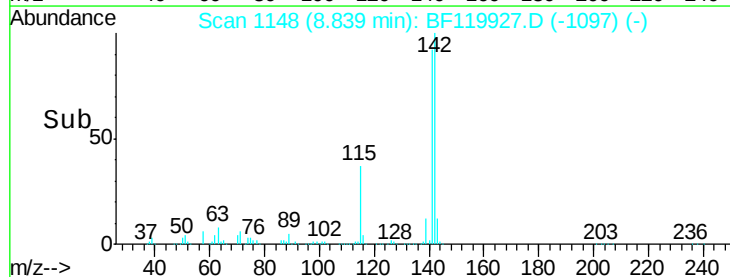
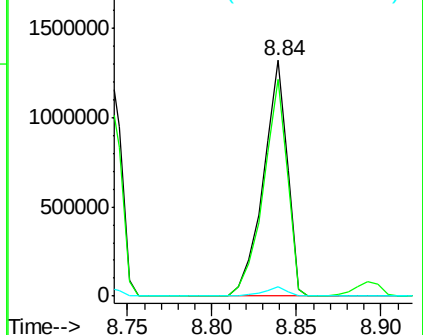
116 3.7 3.0 4.6

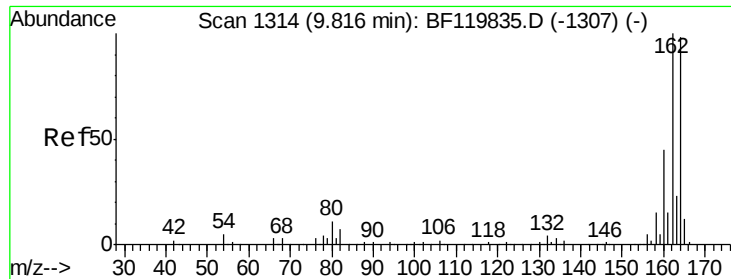


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

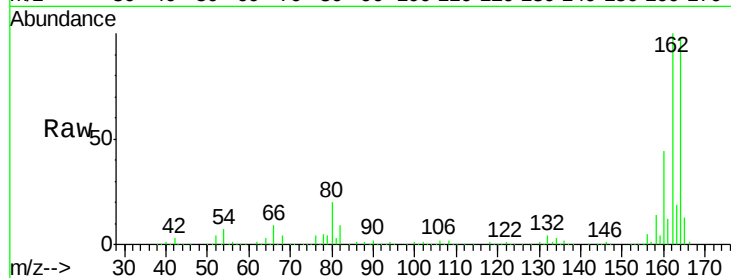
Tot Ion:164 Resp: 499004

Ion Ratio Lower Upper

164 100

162 102.0 81.9 122.9

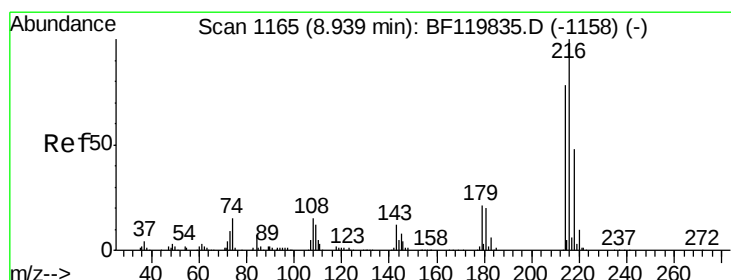
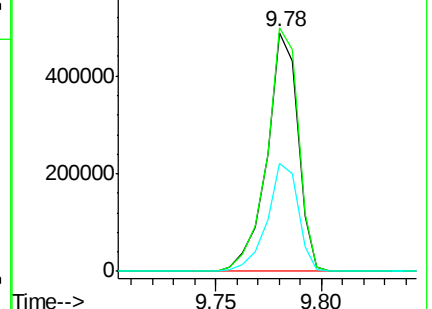
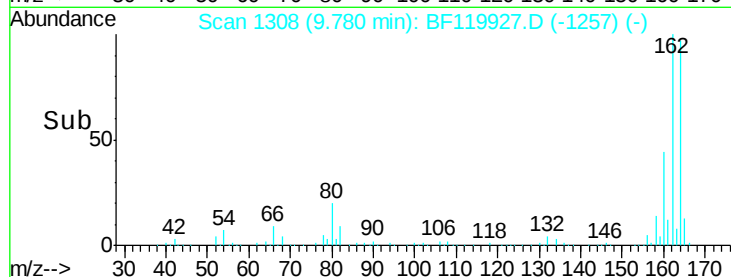
160 45.1 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.038 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Tgt Ion:216 Resp: 599509

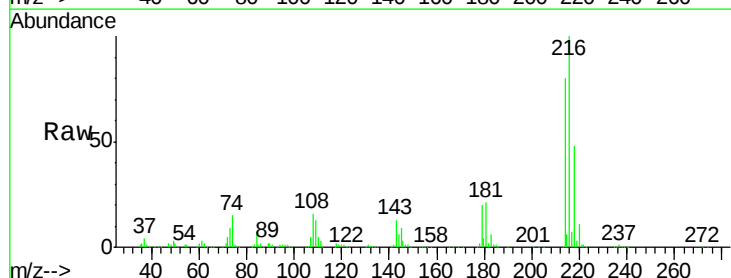
Ion Ratio Lower Upper

216 100

214 79.0 63.1 94.7

179 21.1 17.0 25.4

108 20.8 14.8 22.2

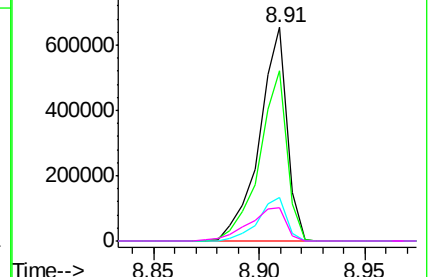
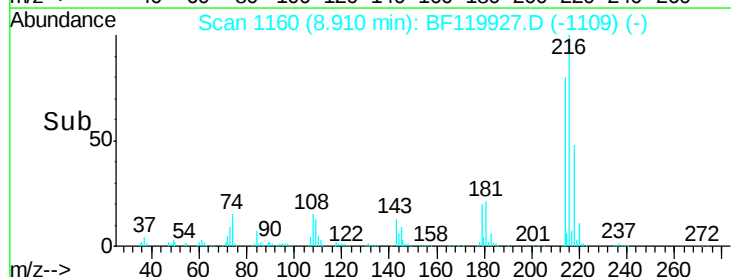


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 80.112 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

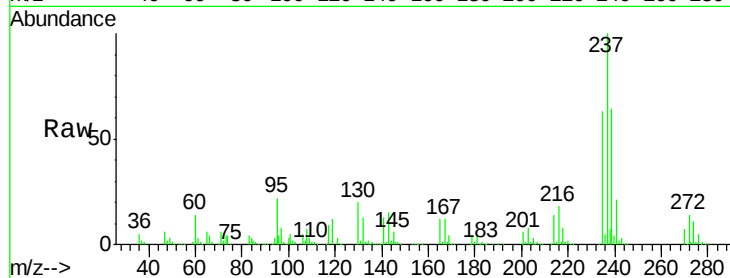
Tot Ion:237 Resp: 717976

Ion Ratio Lower Upper

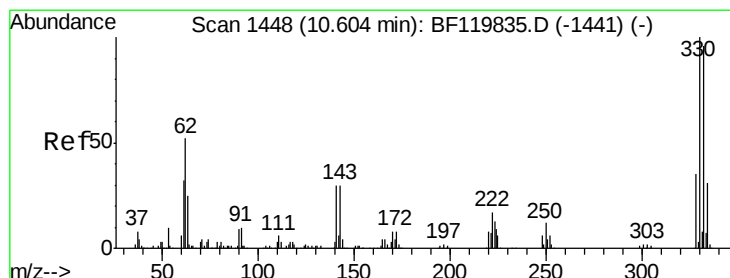
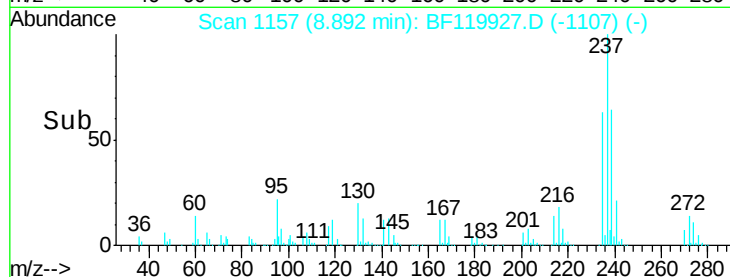
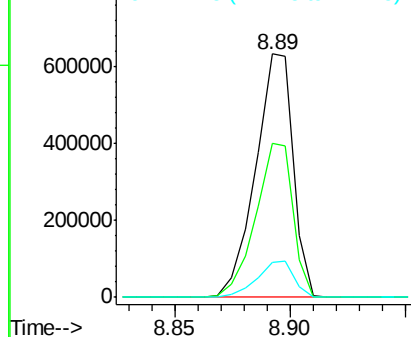
237 100

235 63.4 44.9 84.9

272 14.2 0.0 33.6



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: 63.451 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

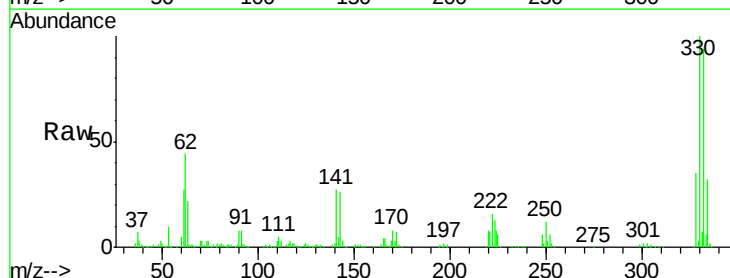
Tgt Ion:330 Resp: 387652

Ion Ratio Lower Upper

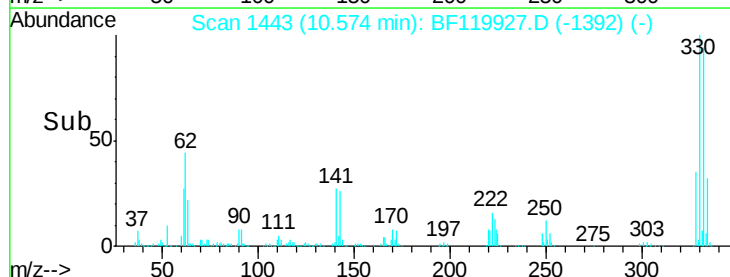
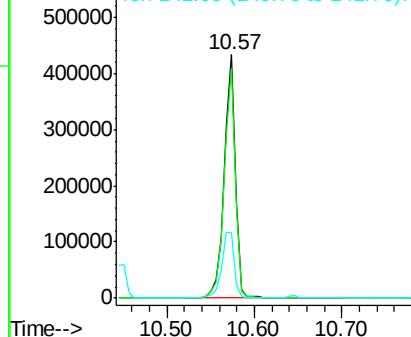
330 100

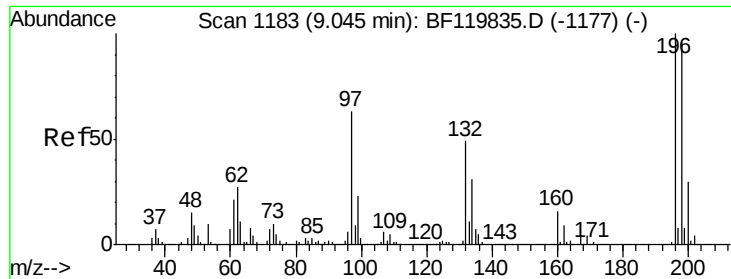
332 94.4 76.8 115.2

141 30.6 25.1 37.7



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

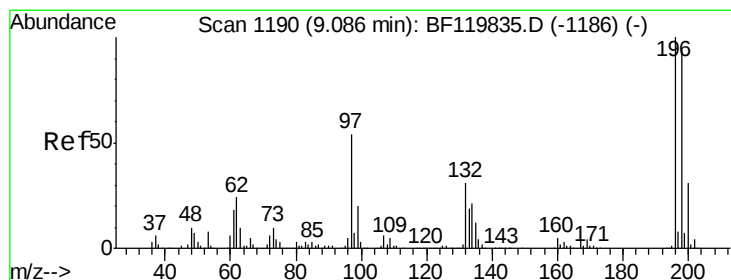
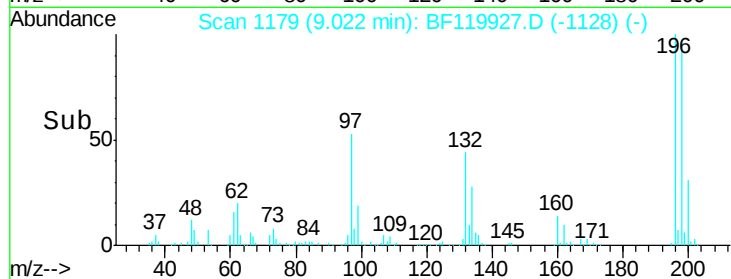
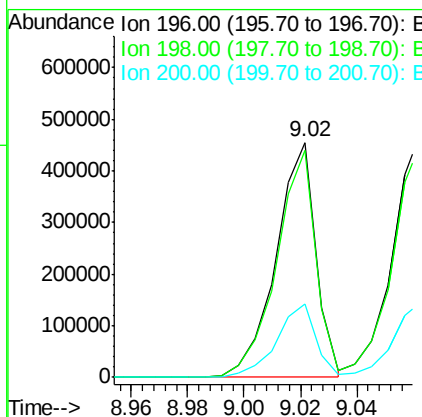
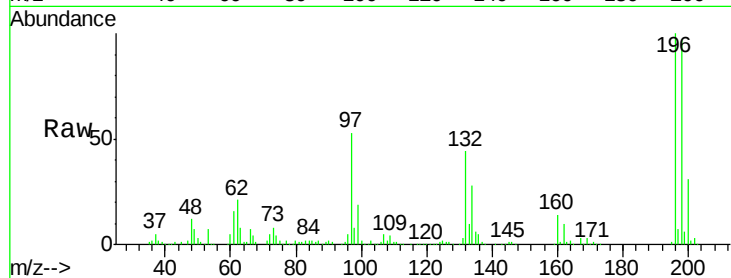




#43
 2,4,6-Trichlorophenol
 Concen: 40.925 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

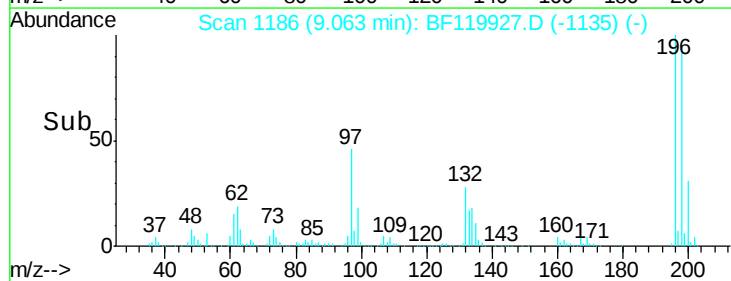
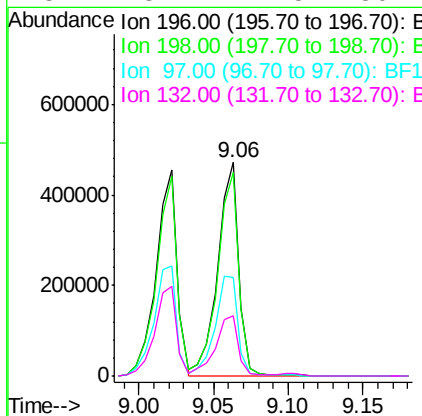
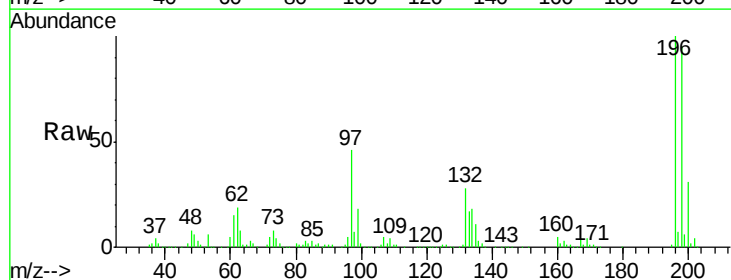
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

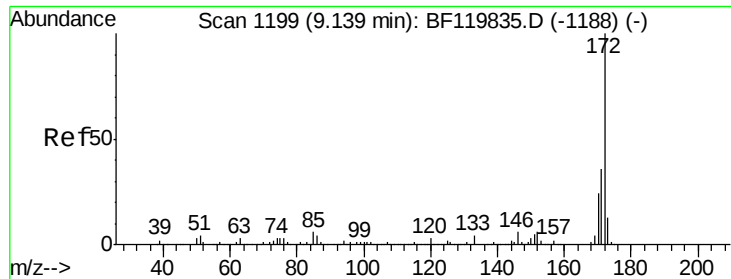
Tot Ion:196 Resp: 445400
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.6 115.0
 200 31.2 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 38.077 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

Tgt Ion:196 Resp: 466750
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.1 112.7
 97 46.1 43.4 65.2
 132 28.2 24.5 36.7

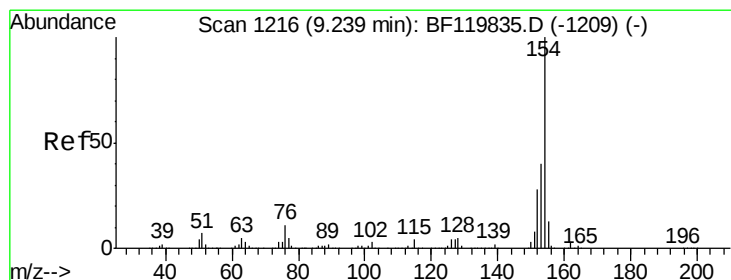
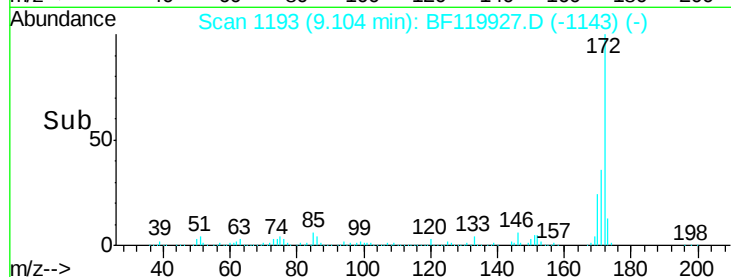
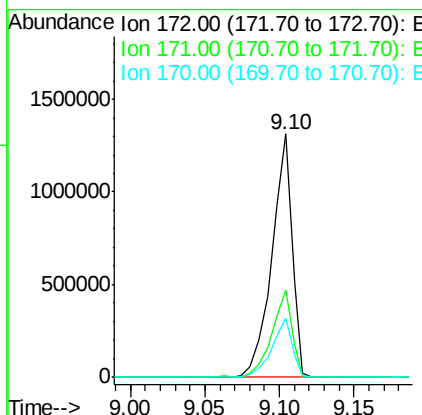
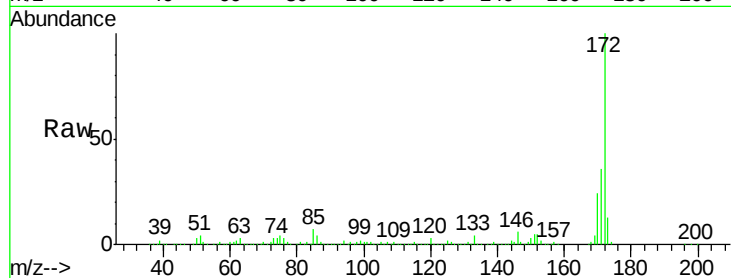




#45
2-Fluorobiphenyl
Concen: 34.968 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

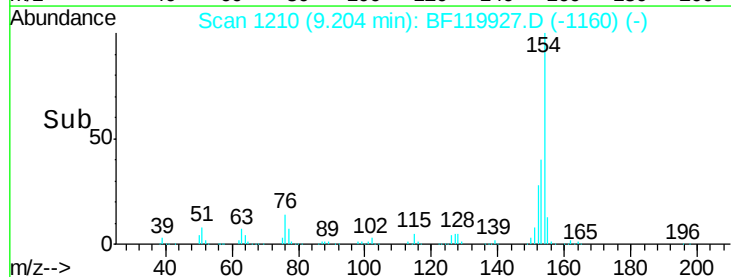
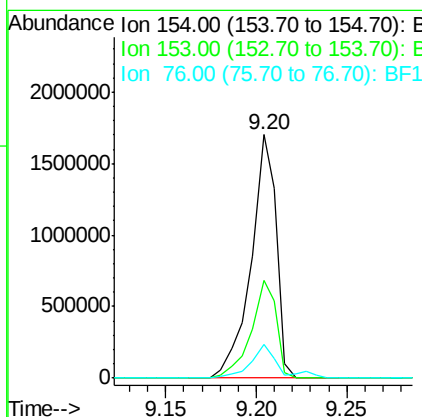
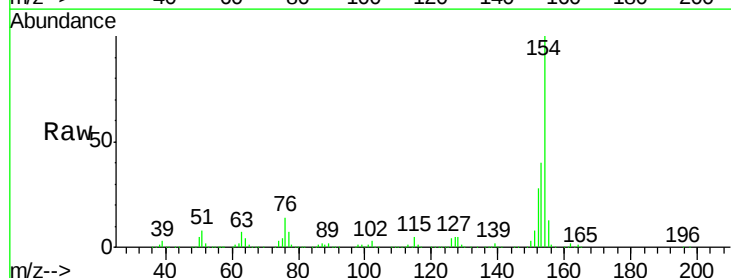
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

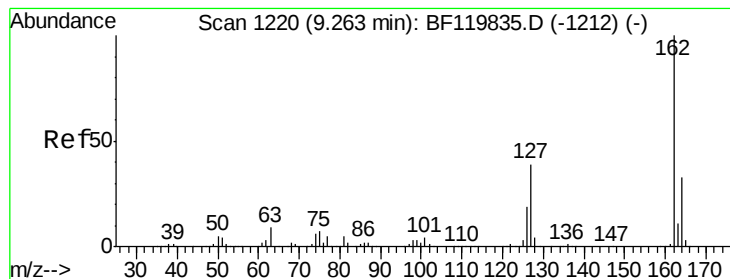
Tot Ion:172 Resp: 1229008
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 24.4 19.4 29.2



#46
1,1'-Biphenyl
Concen: 38.897 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Tgt Ion:154 Resp: 1638289
Ion Ratio Lower Upper
154 100
153 40.1 20.5 60.5
76 13.7 0.0 30.6





#47

2-Chloronaphthalene

Concen: 39.766 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

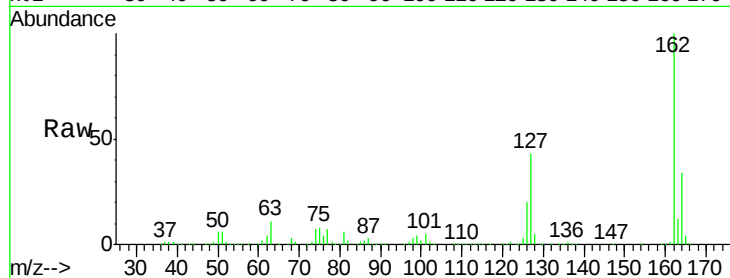
Tot Ion:162 Resp: 1290240

Ion Ratio Lower Upper

162 100

127 43.2 31.2 46.8

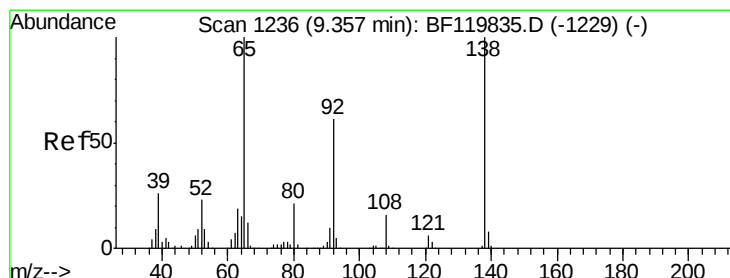
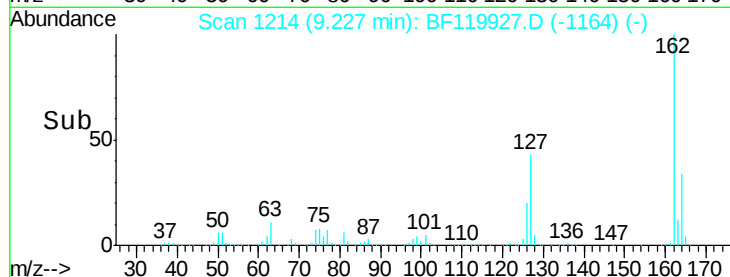
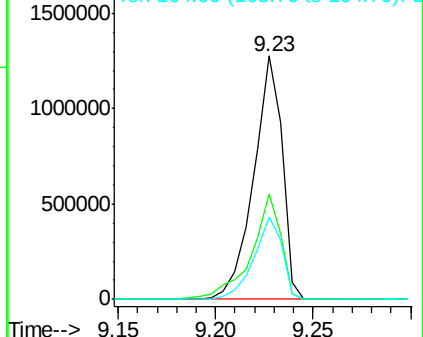
164 33.8 26.3 39.5



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: 40.048 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

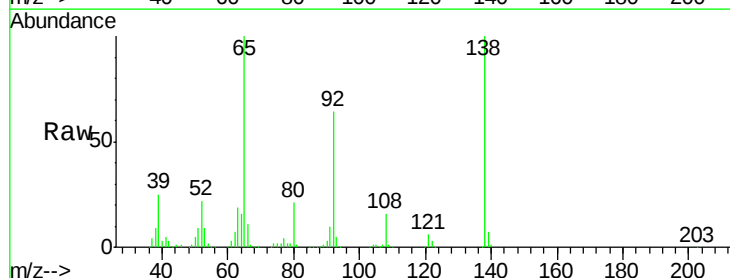
Tgt Ion: 65 Resp: 470883

Ion Ratio Lower Upper

65 100

92 64.2 49.0 73.6

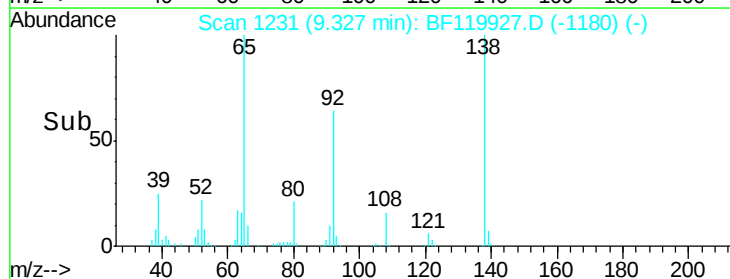
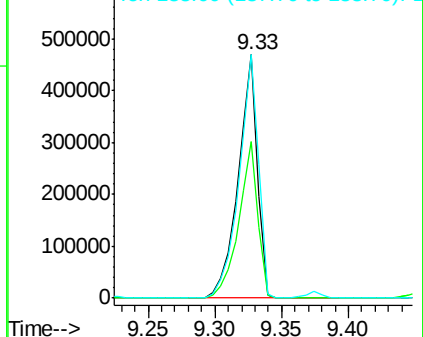
138 99.9 79.7 119.5

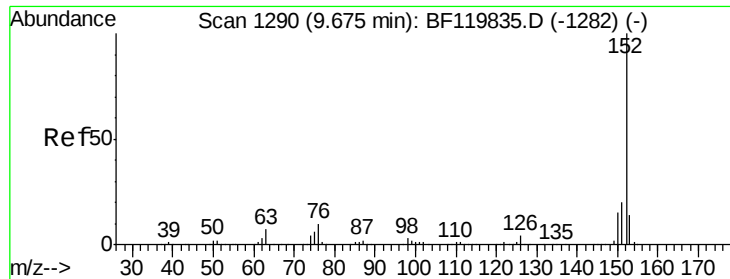


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.446 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

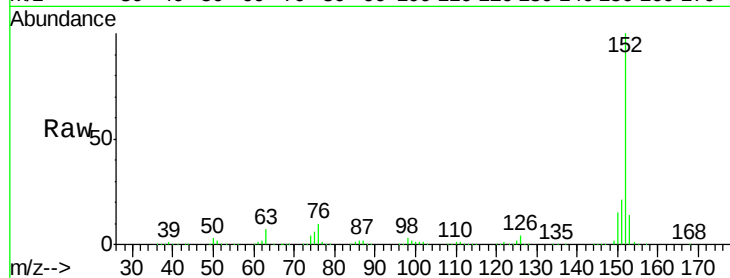
Tot Ion:152 Resp: 2045119

Ion Ratio Lower Upper

152 100

151 21.1 16.2 24.4

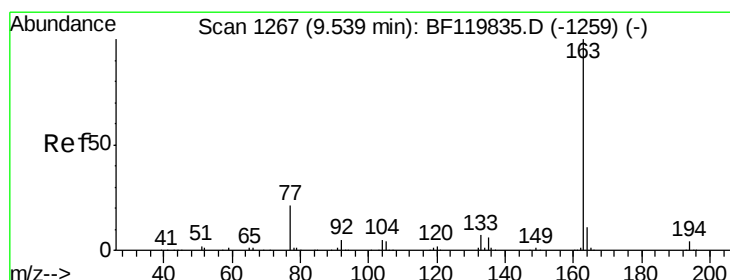
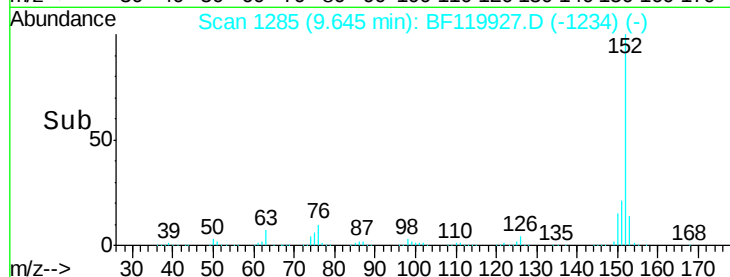
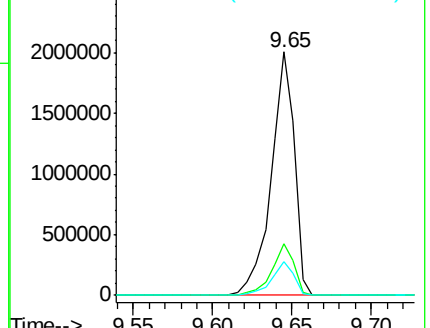
153 13.7 10.9 16.3



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: 42.696 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

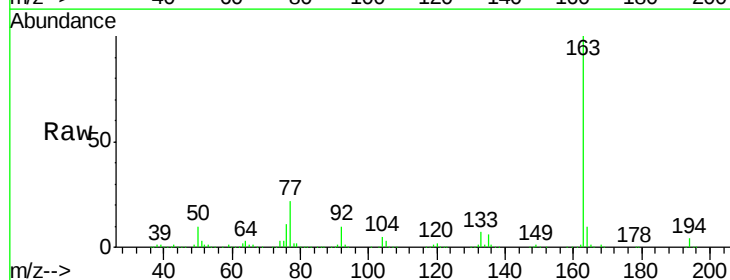
Tgt Ion:163 Resp: 1647939

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

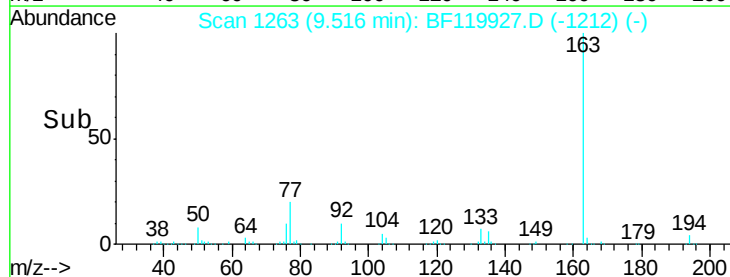
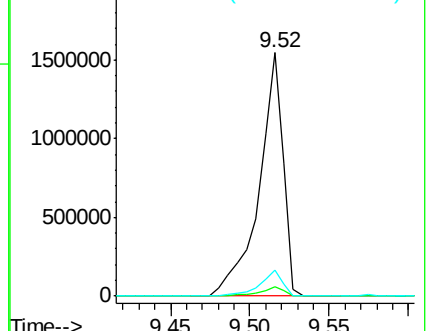
164 10.4 8.4 12.6

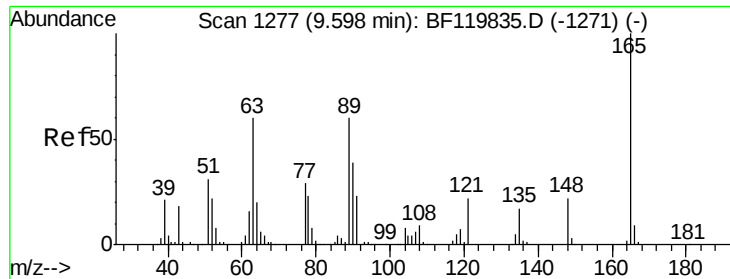


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.905 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

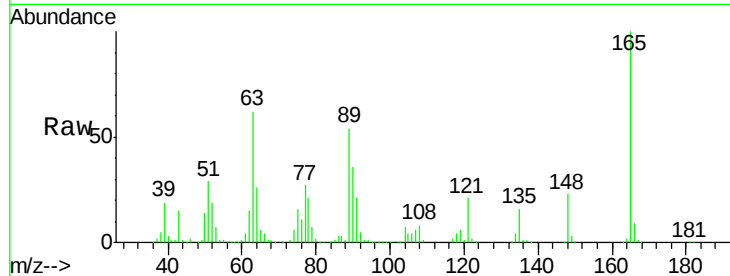
Tot Ion:165 Resp: 345735

Ion Ratio Lower Upper

165 100

63 62.2 55.6 83.4

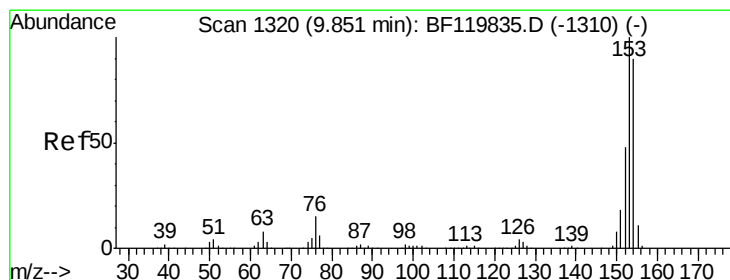
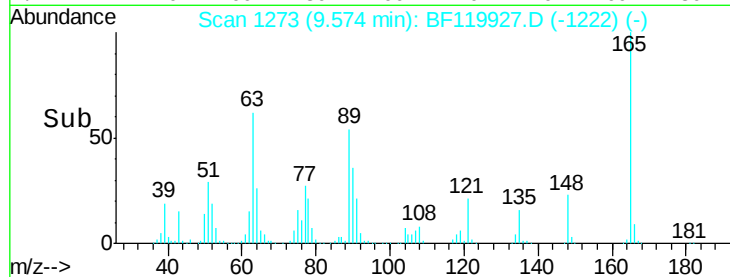
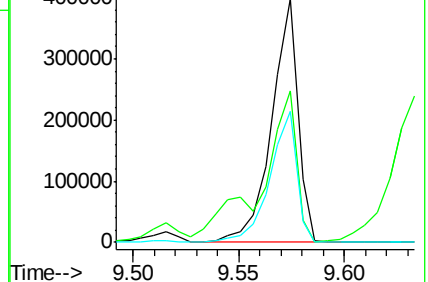
89 53.6 47.9 71.9



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: 37.420 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

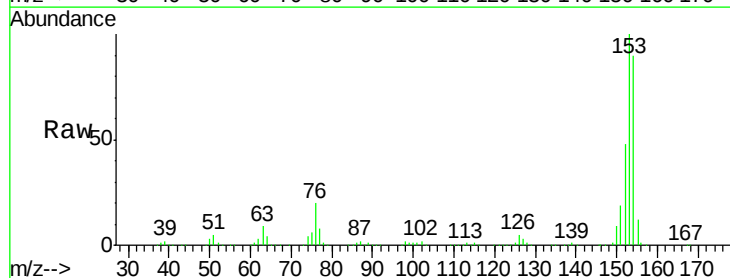
Tgt Ion:154 Resp: 1231708

Ion Ratio Lower Upper

154 100

153 110.9 88.8 133.2

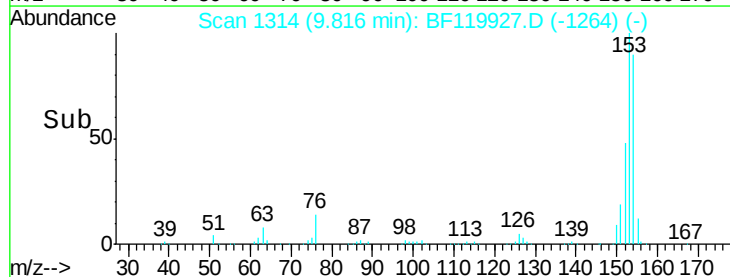
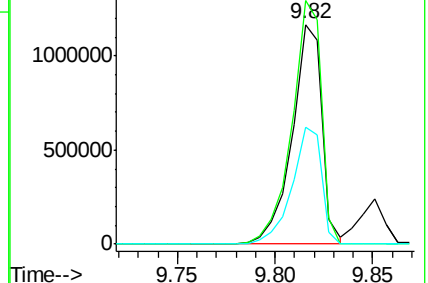
152 53.3 42.4 63.6

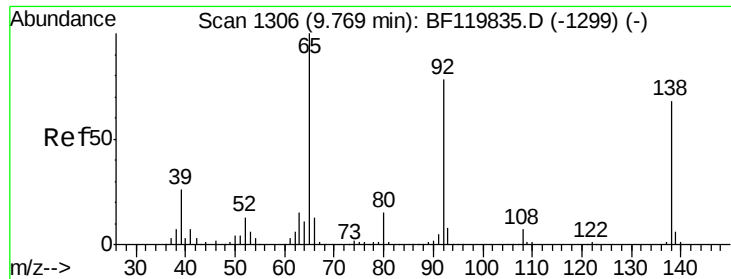


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

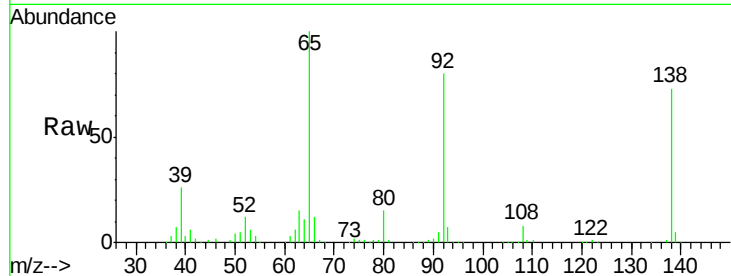




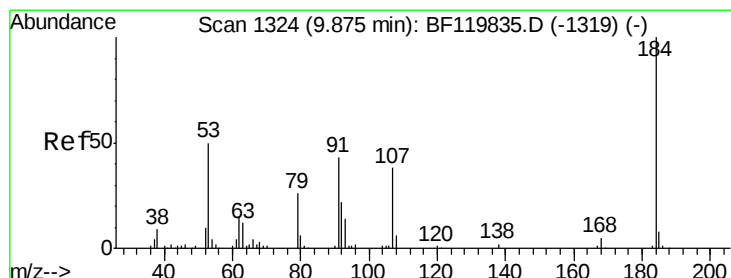
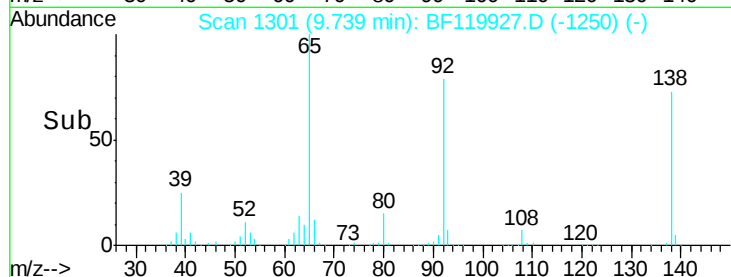
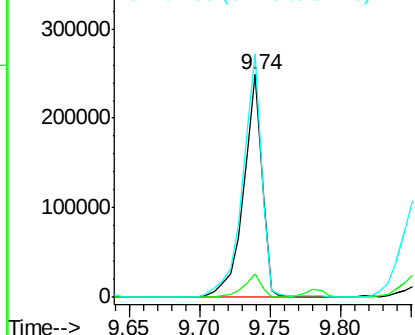
#53
 3-Nitroaniline
 Concen: 23.648 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion:138 Resp: 228279
 Ion Ratio Lower Upper
 138 100
 108 10.3 8.0 12.0
 92 109.4 92.1 138.1

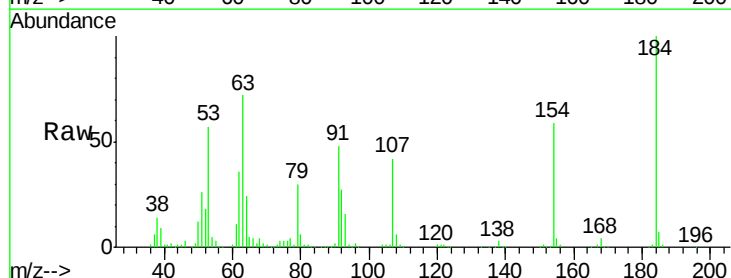


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

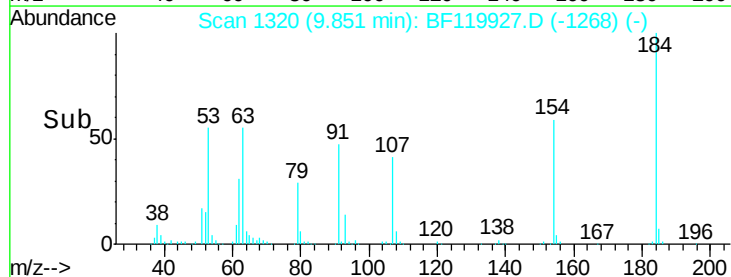
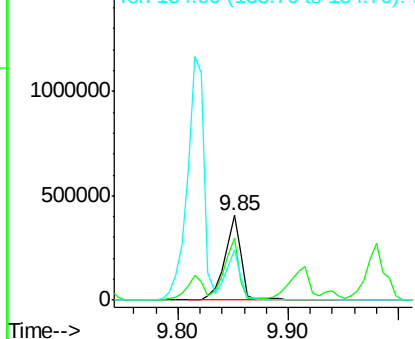


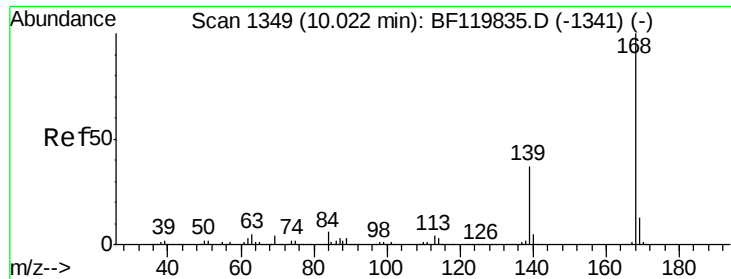
#54
 2,4-Dinitrophenol
 Concen: 82.934 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

Tgt Ion:184 Resp: 419670
 Ion Ratio Lower Upper
 184 100
 63 72.2 49.8 74.6
 154 58.9 46.5 69.7



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

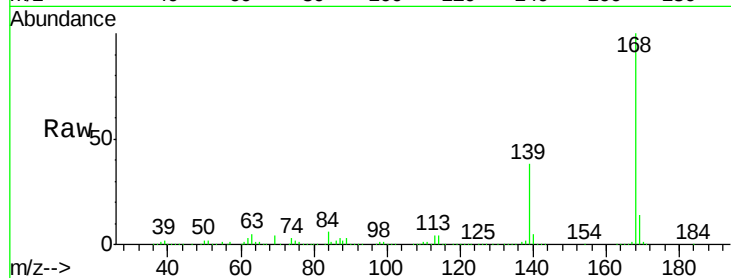




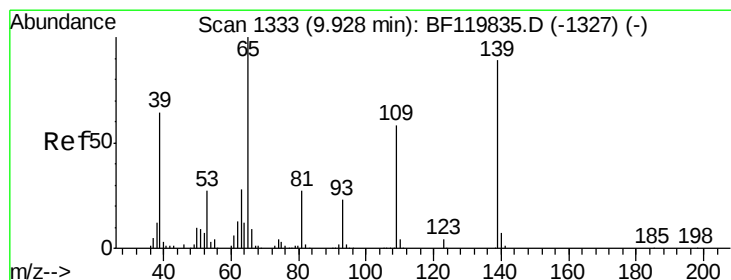
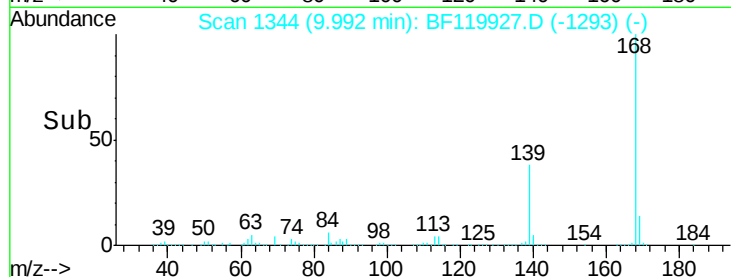
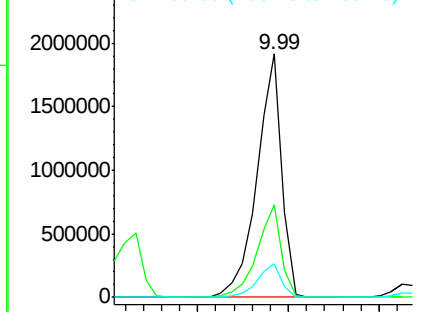
#55
Dibenzofuran
Concen: 39.950 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion:168 Resp: 1804517
Ion Ratio Lower Upper
168 100
139 38.0 29.8 44.6
169 14.0 10.6 15.8

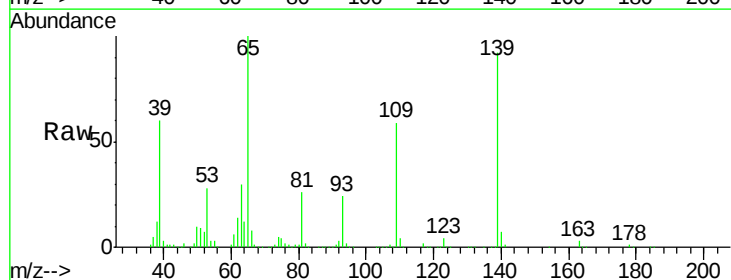


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

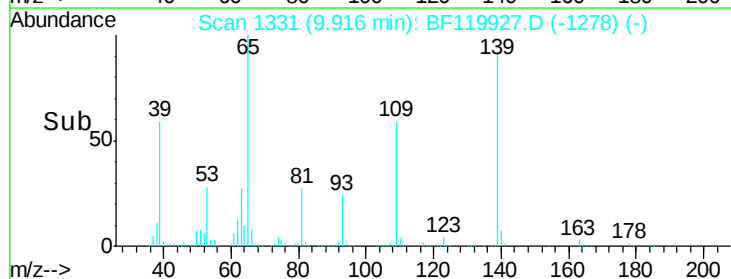
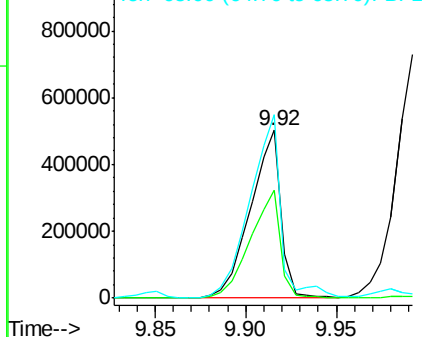


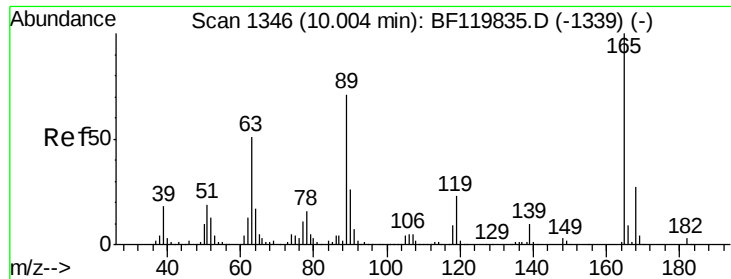
#56
4-Nitrophenol
Concen: 81.979 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Tgt Ion:139 Resp: 588809
Ion Ratio Lower Upper
139 100
109 64.2 45.5 85.5
65 109.2 92.3 132.3



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

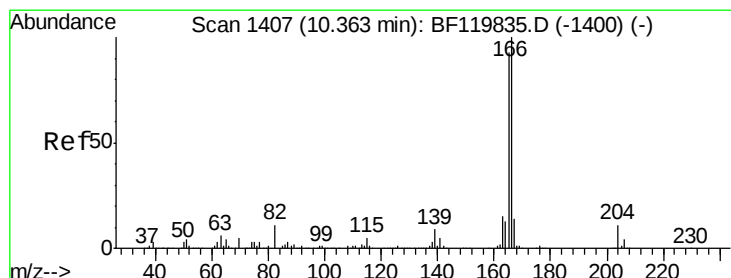
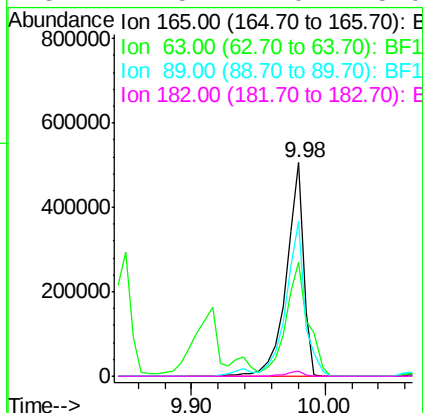
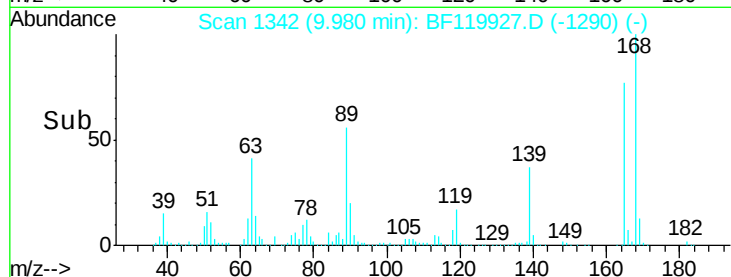
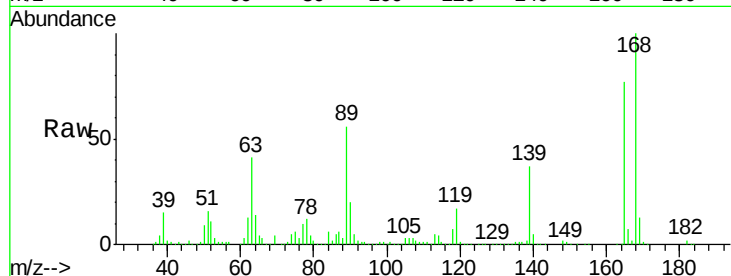




#57
 2,4-Dinitrotoluene
 Concen: 41.314 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

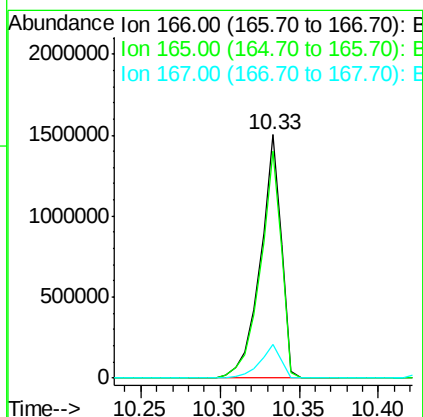
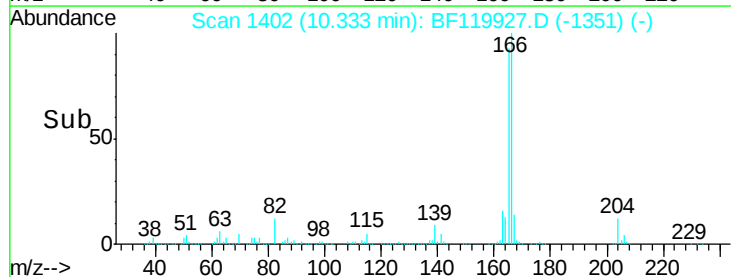
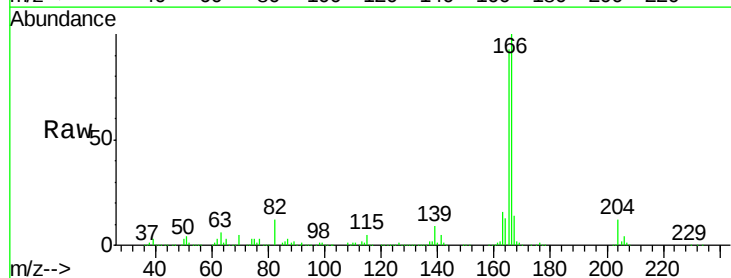
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

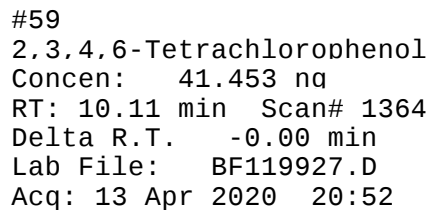
Tot Ion:165	Resp:	460063
Ion Ratio	Lower	Upper
165	100	
63	53.3	40.8 61.2
89	72.8	56.9 85.3
182	2.5	2.0 3.0



#58
 Fluorene
 Concen: 38.401 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

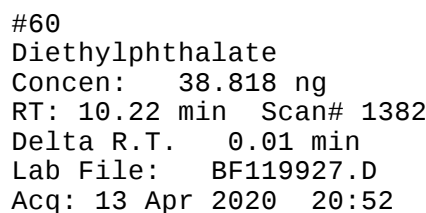
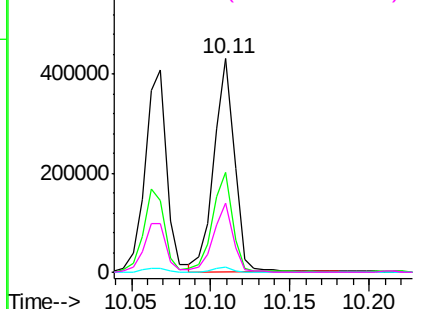
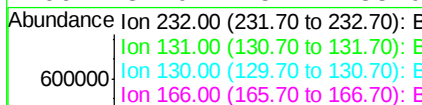
Tgt Ion:166	Resp:	1387187
Ion Ratio	Lower	Upper
166	100	
165	93.1	74.2 111.2
167	13.7	10.8 16.2



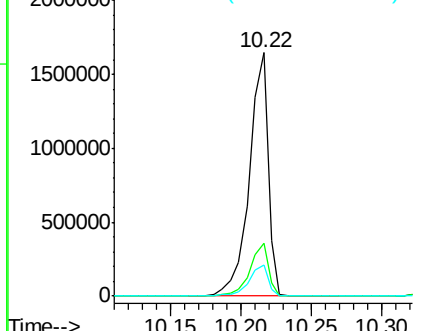


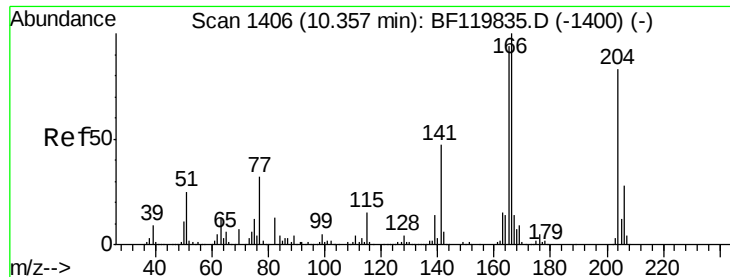
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot	Ion:232	Resp:	388630
Ion	Ratio	Lower	Upper
232	100		
131	47.0	37.9	56.9
130	2.2	1.8	2.6
166	31.0	25.4	38.0



Tgt	Ion:149	Resp:	1552853
Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.8	25.2
150	12.7	9.8	14.6

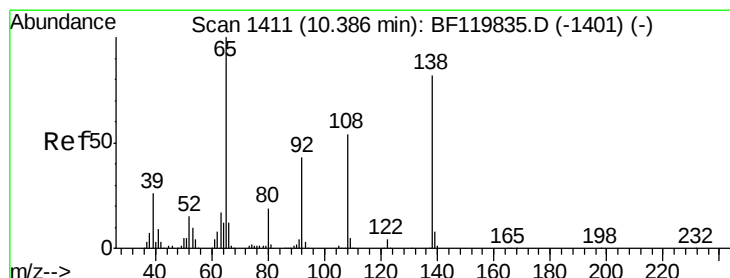
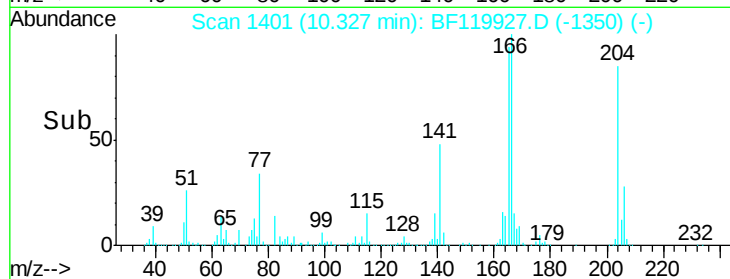
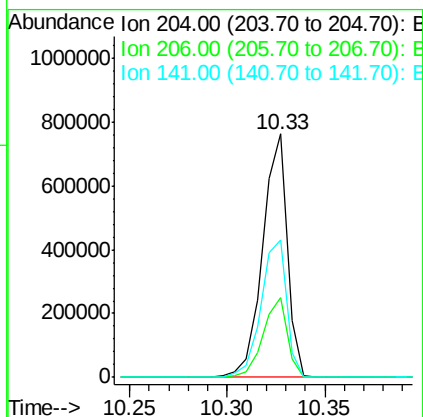
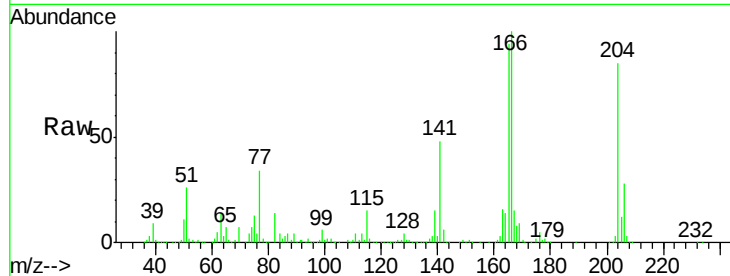




#61
4-Chlorophenyl-phenylether
Concen: 36.067 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

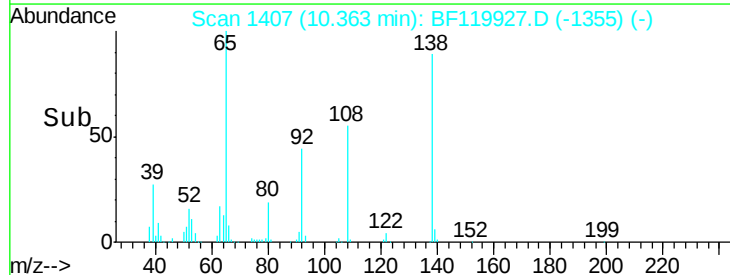
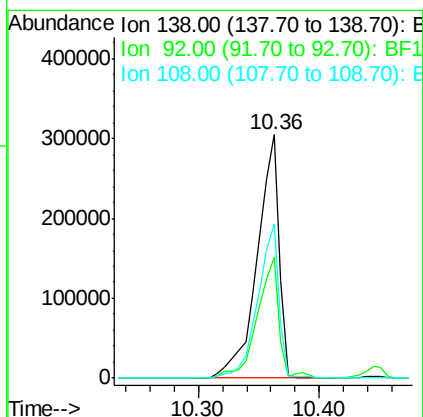
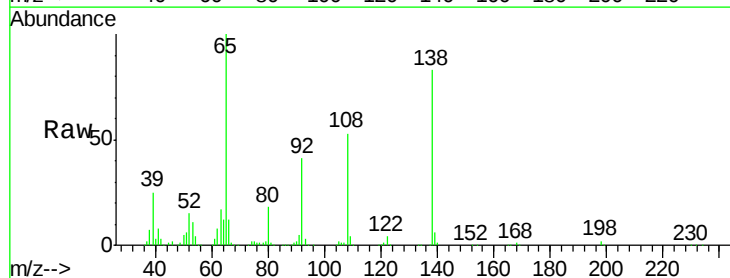
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

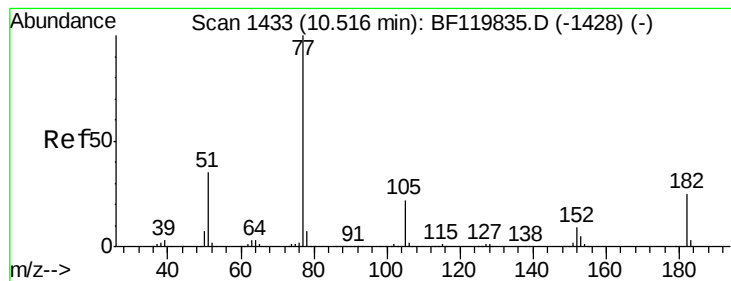
Tot Ion:204 Resp: 667776
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 56.2 45.8 68.8



#62
4-Nitroaniline
Concen: 41.990 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Tgt Ion:138 Resp: 386285
Ion Ratio Lower Upper
138 100
92 49.7 31.6 71.6
108 63.5 45.2 85.2





#63

Azobenzene

Concen: 41.535 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tot Ion: 77 Resp: 1489052

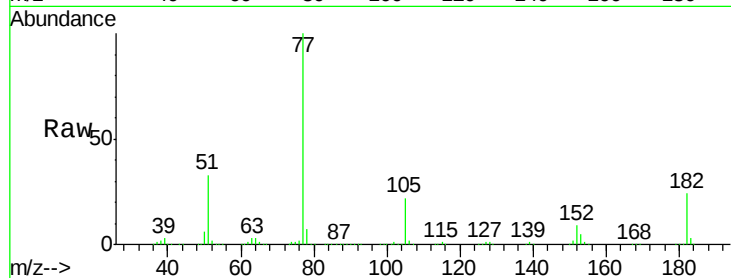
Ion Ratio Lower Upper

77 100

182 23.9 4.5 44.5

105 22.1 2.2 42.2

51 32.7 15.1 55.1

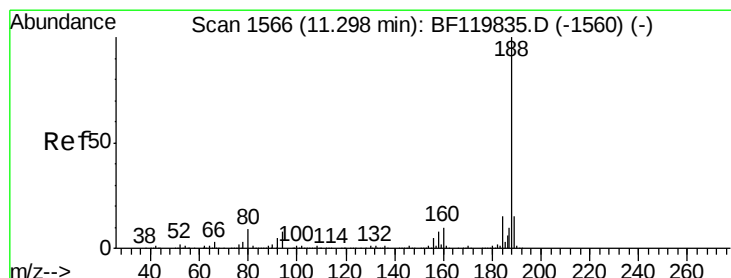
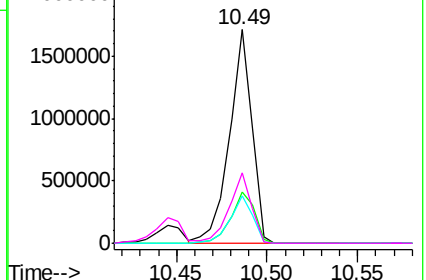
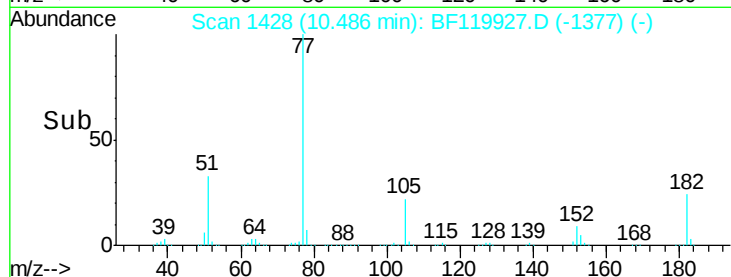


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

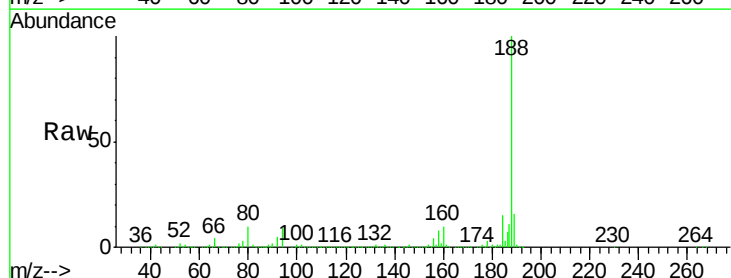
Tgt Ion: 188 Resp: 964024

Ion Ratio Lower Upper

188 100

94 9.3 6.7 10.1

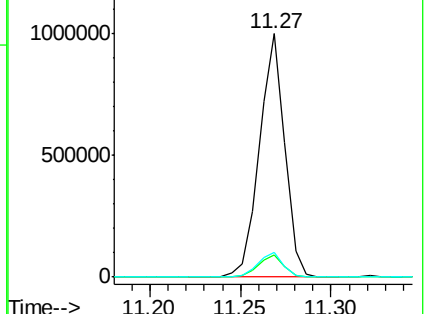
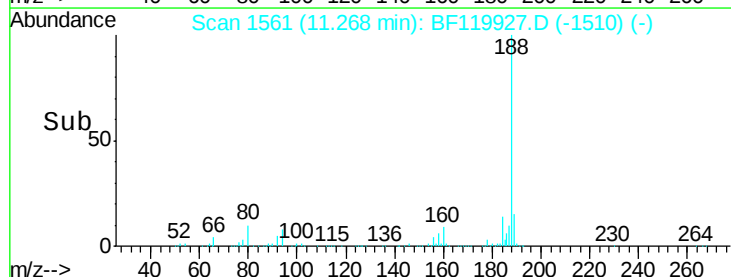
80 9.9 7.4 11.2

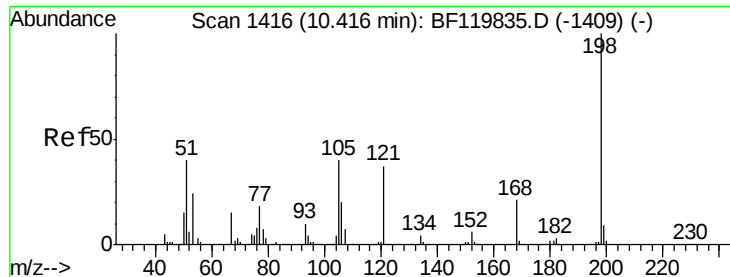


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

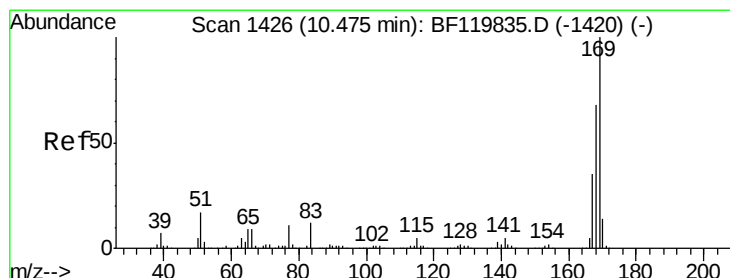
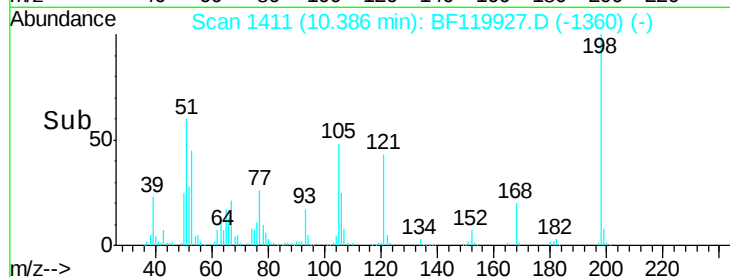
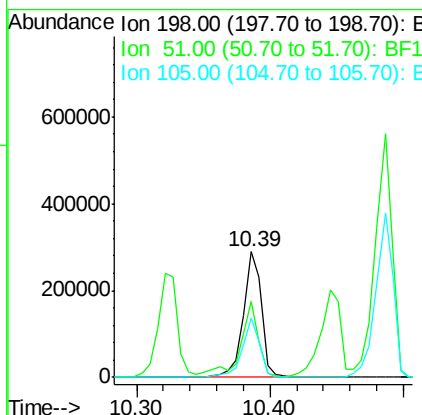
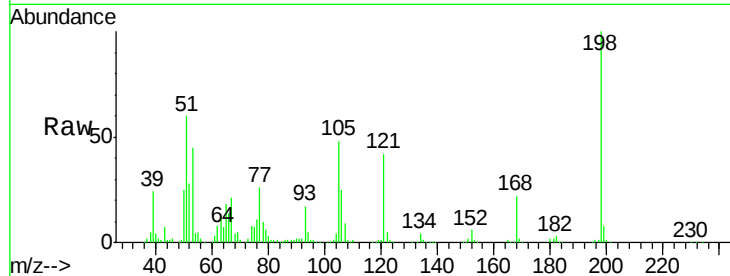




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.726 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

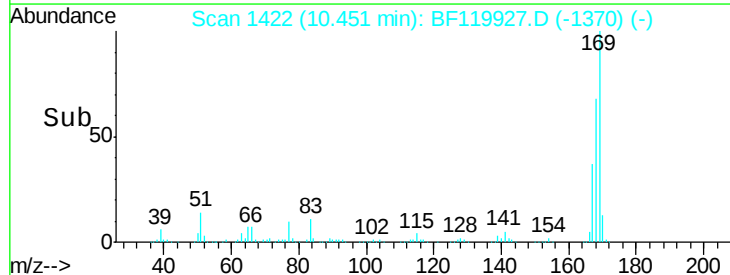
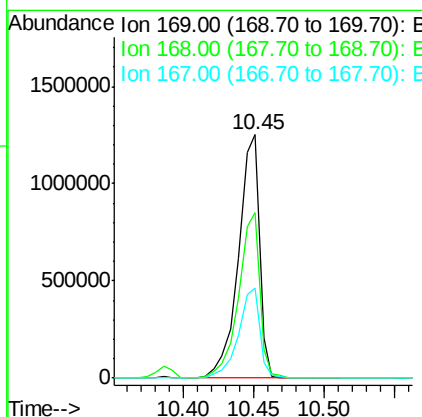
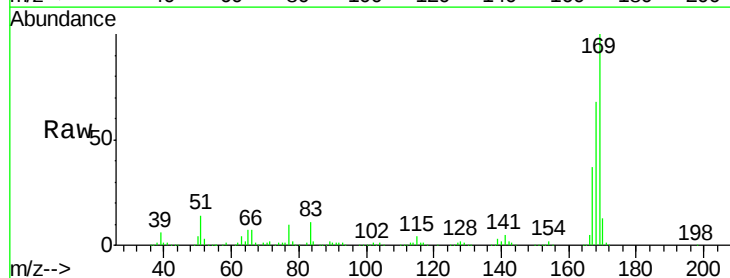
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

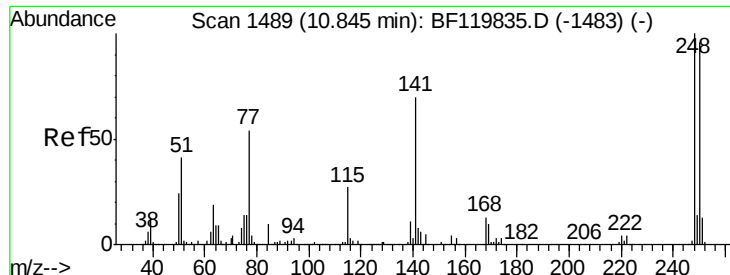
Tot Ion:198 Resp: 271353
 Ion Ratio Lower Upper
 198 100
 51 60.3 25.2 65.2
 105 47.5 20.8 60.8



#66
 n-Nitrosodiphenylamine
 Concen: 40.519 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

Tgt Ion:169 Resp: 1299060
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.2 81.4
 167 36.9 28.3 42.5

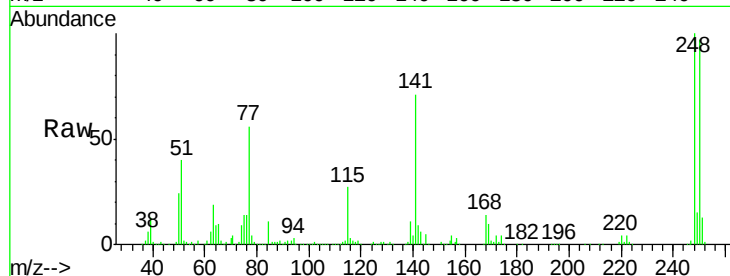




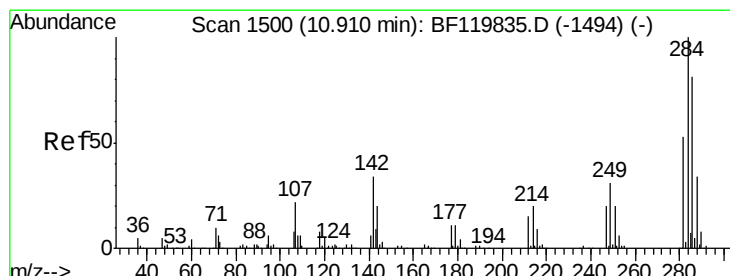
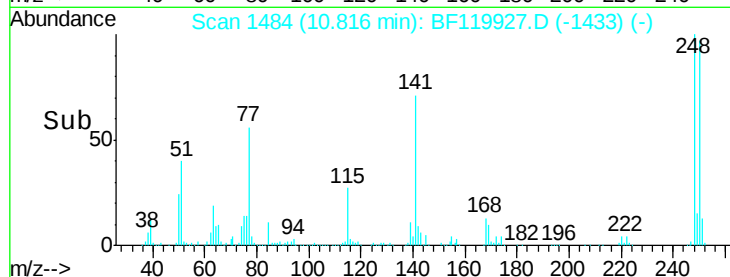
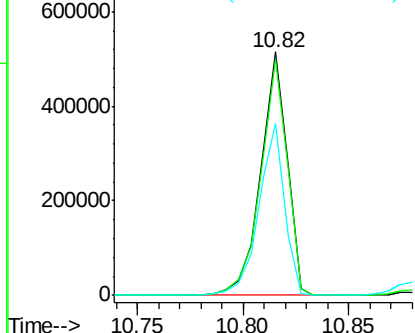
#67
4-Bromophenyl-phenylether
Concen: 37.558 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion:248 Resp: 450273
Ion Ratio Lower Upper
248 100
250 96.8 76.6 114.8
141 70.6 55.9 83.9

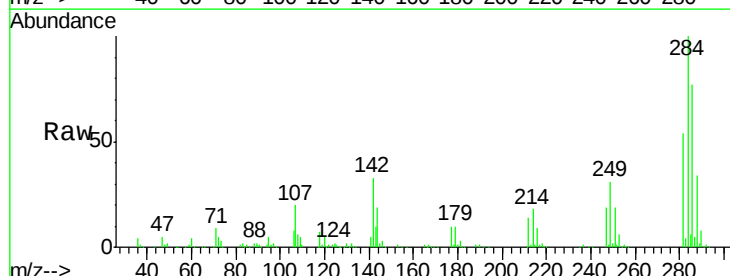


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

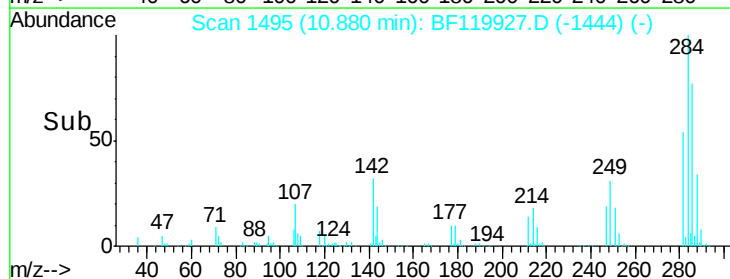
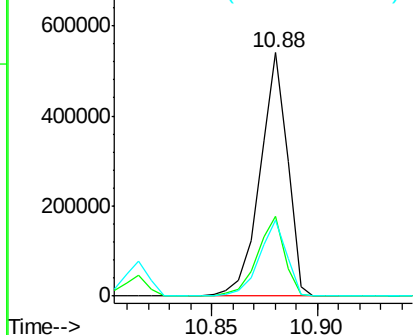


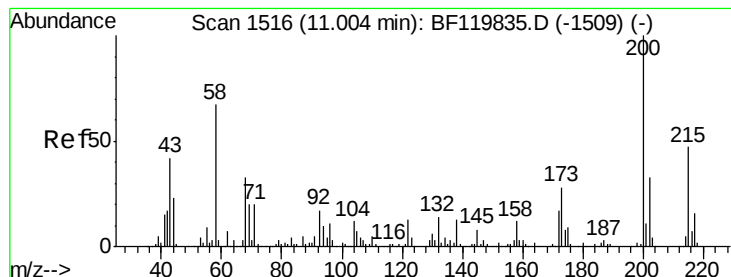
#68
Hexachlorobenzene
Concen: 40.102 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Tgt Ion:284 Resp: 487724
Ion Ratio Lower Upper
284 100
142 33.0 26.9 40.3
249 31.4 24.6 37.0



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





#69

Atrazine

Concen: 45.076 ng

RT: 10.98 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

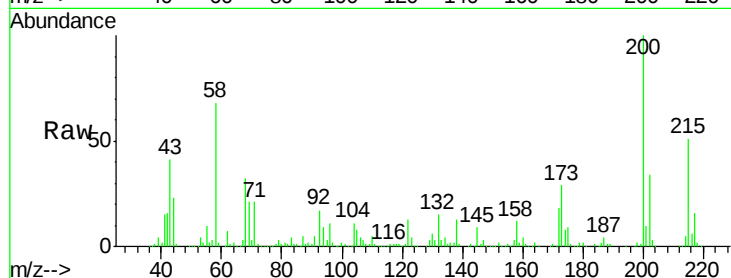
Tot Ion:200 Resp: 402090

Ion Ratio Lower Upper

200 100

173 29.0 8.0 48.0

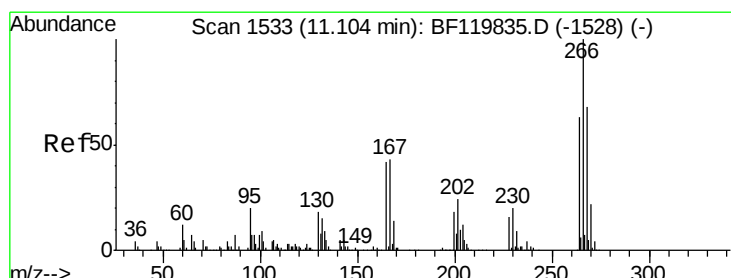
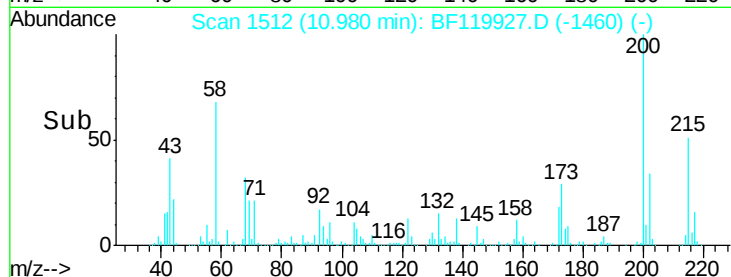
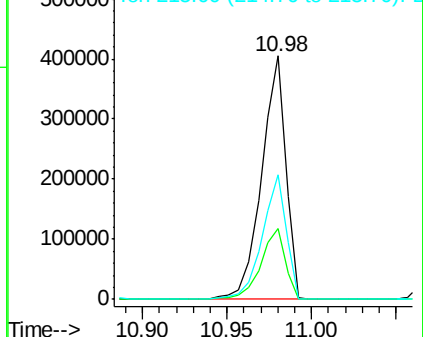
215 51.1 27.1 67.1



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: 77.639 ng

RT: 11.07 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

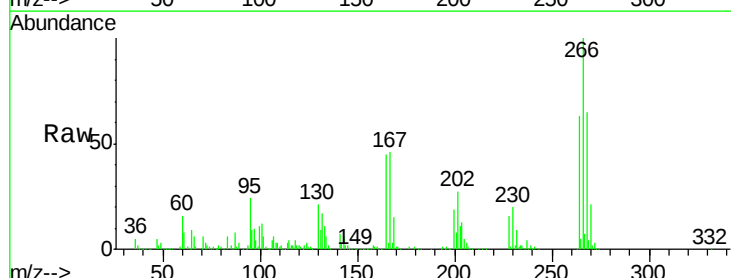
Tgt Ion:266 Resp: 544146

Ion Ratio Lower Upper

266 100

268 65.4 54.2 81.4

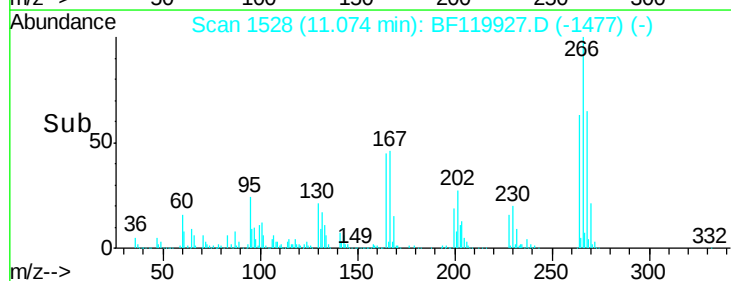
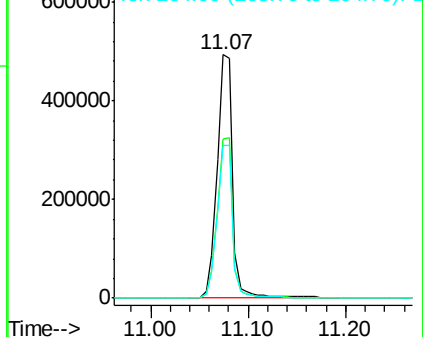
264 62.9 50.6 76.0

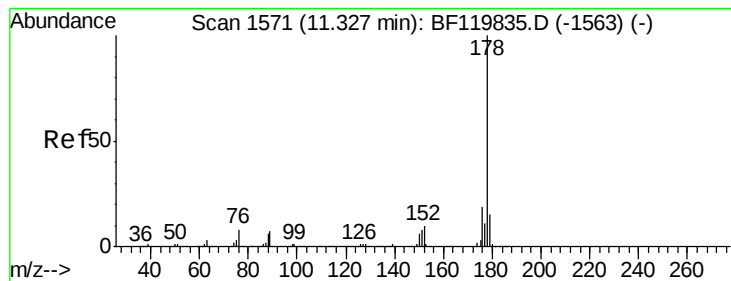


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.001 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampled :

TP-2MSD

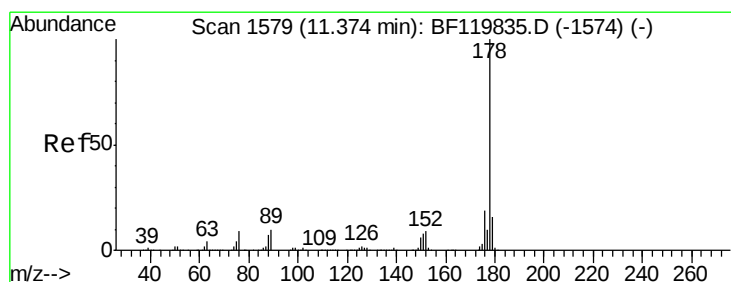
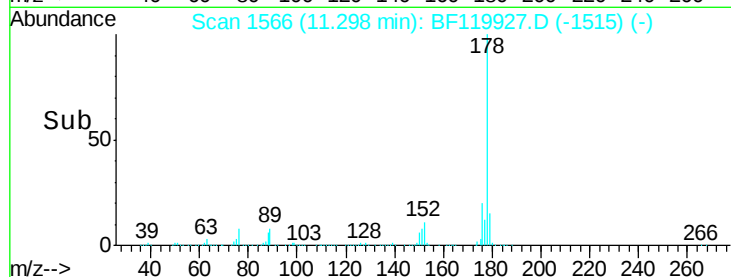
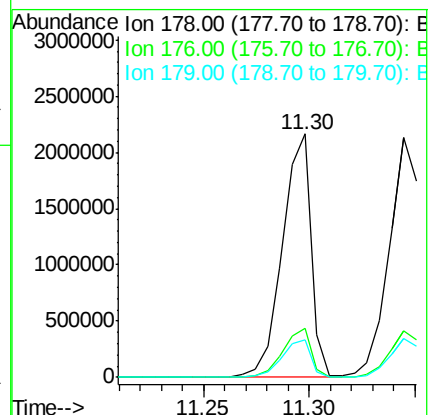
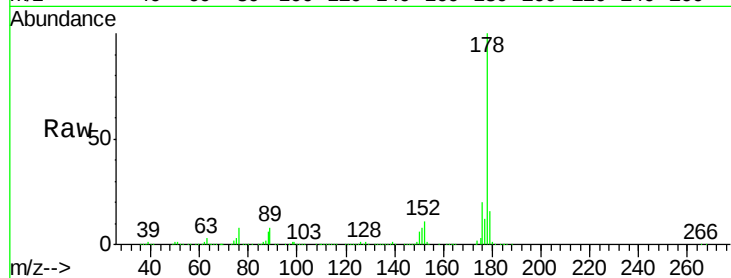
Tot Ion:178 Resp: 2052292

Ion Ratio Lower Upper

178 100

176 20.0 15.1 22.7

179 15.5 12.2 18.4



#72

Anthracene

Concen: 40.618 ng

RT: 11.34 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

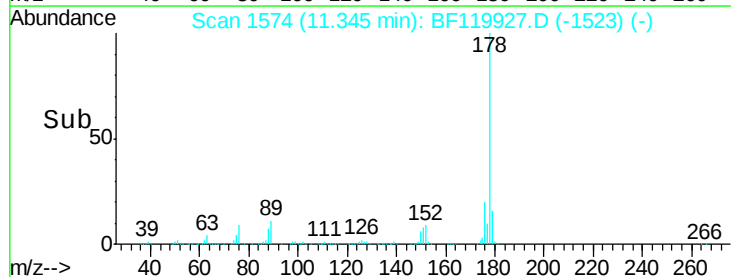
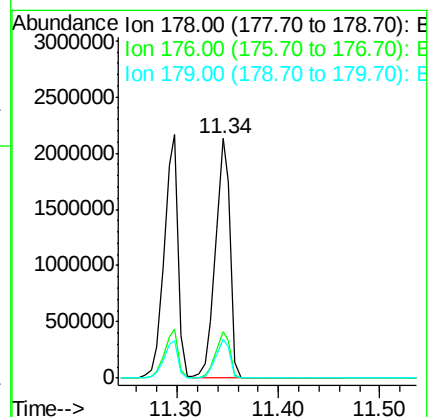
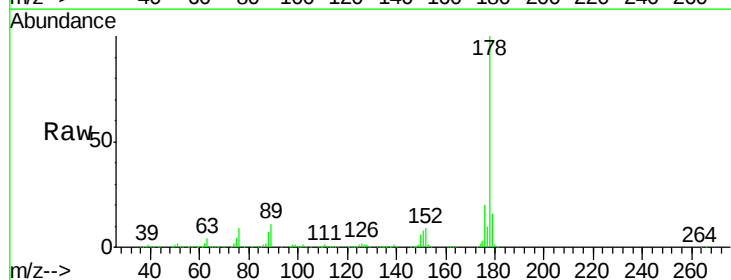
Tgt Ion:178 Resp: 2128880

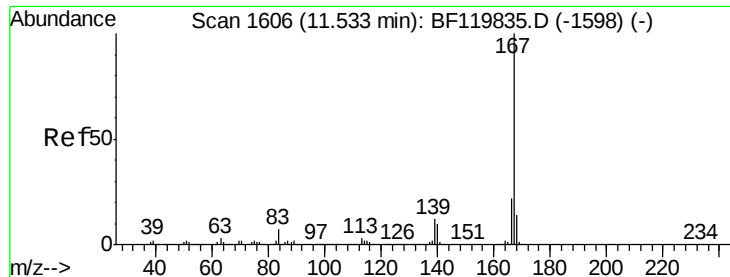
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 16.5 12.8 19.2

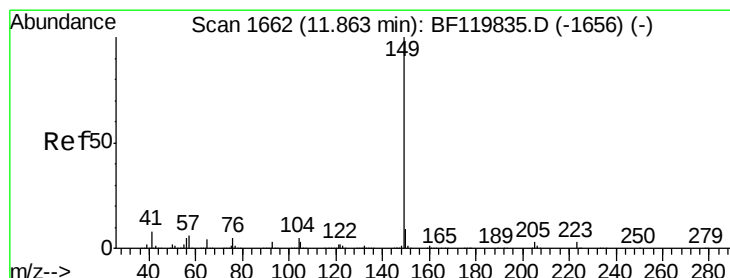
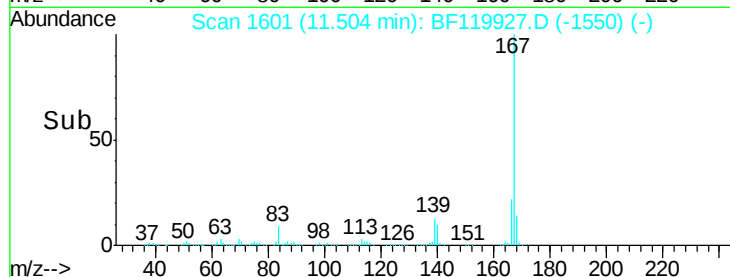
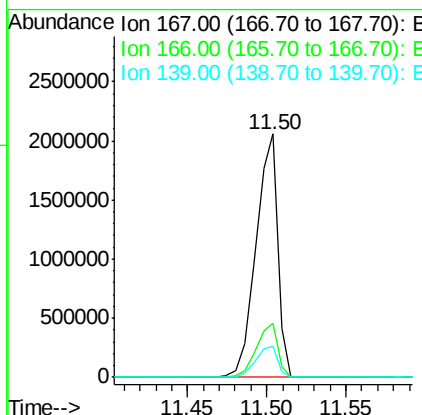
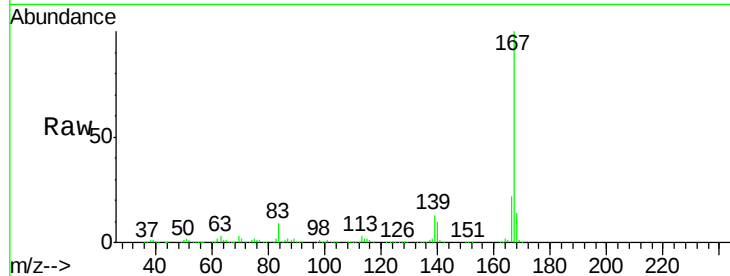




#73
 Carbazole
 Concen: 39.578 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

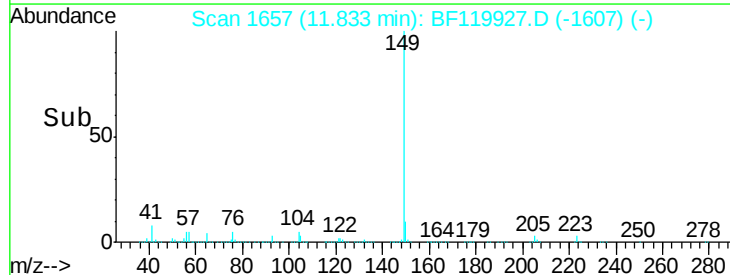
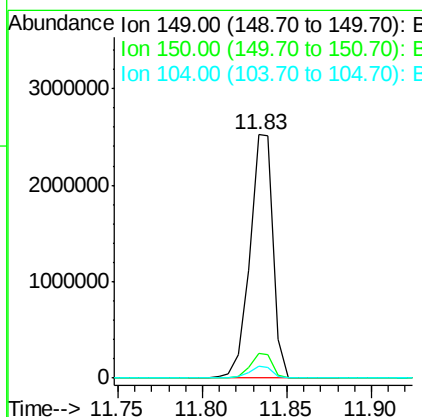
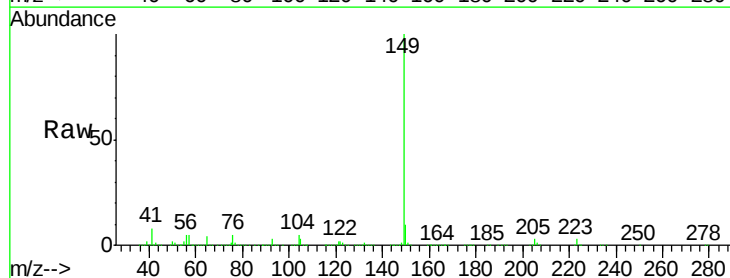
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

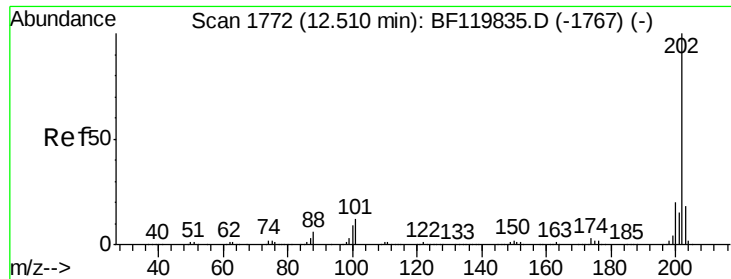
Tot Ion:167 Resp: 1961673
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 12.8 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 37.214 ng
 RT: 11.83 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF119927.D
 Acq: 13 Apr 2020 20:52

Tgt Ion:149 Resp: 2424776
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.6 11.4
 104 4.9 3.8 5.6

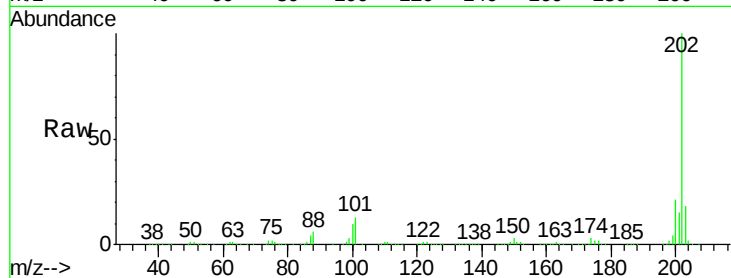




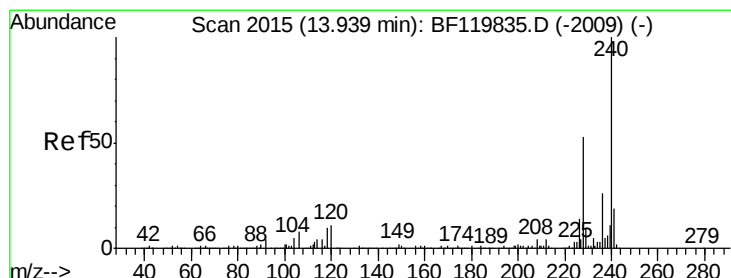
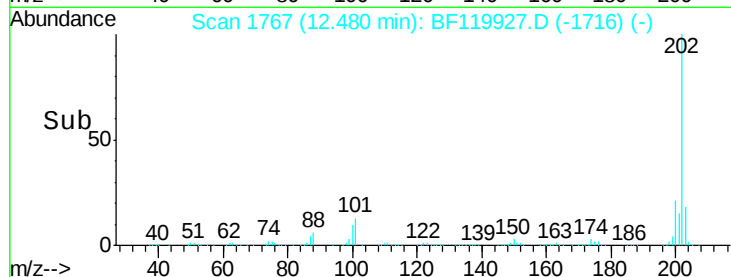
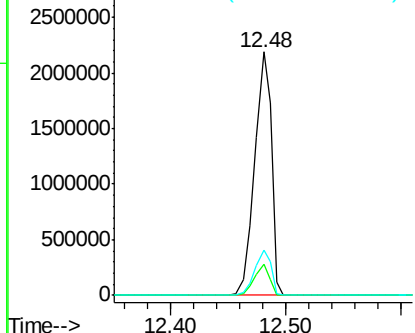
#75
Fluoranthene
Concen: 40.093 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion:202 Resp: 2219501
Ion Ratio Lower Upper
202 100
101 13.0 0.0 32.3
203 18.3 0.0 37.6

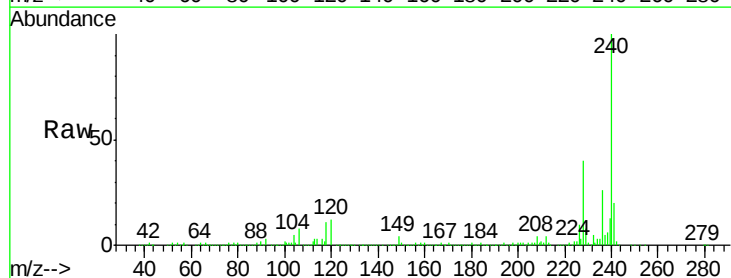


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

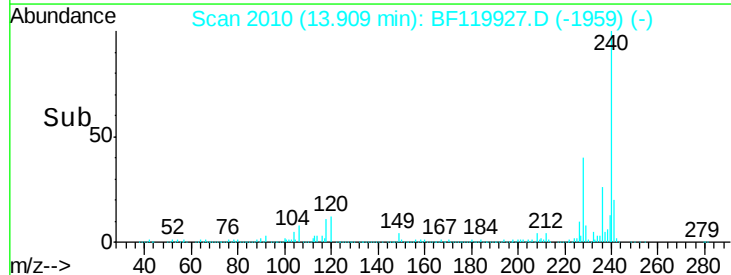
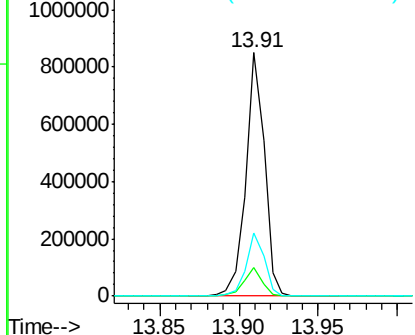


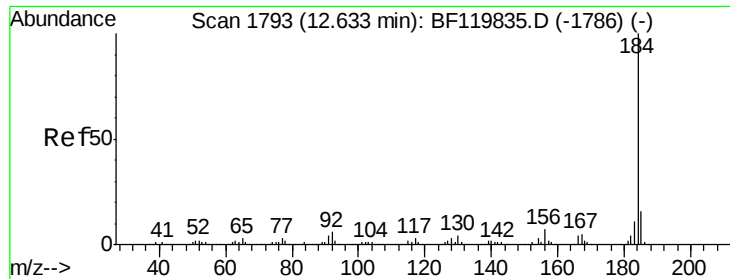
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Tgt Ion:240 Resp: 685973
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.6
236 26.0 20.7 31.1



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

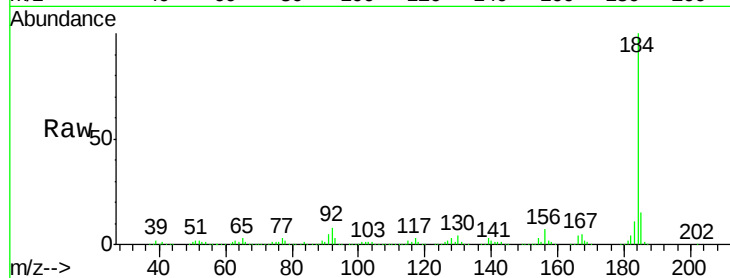




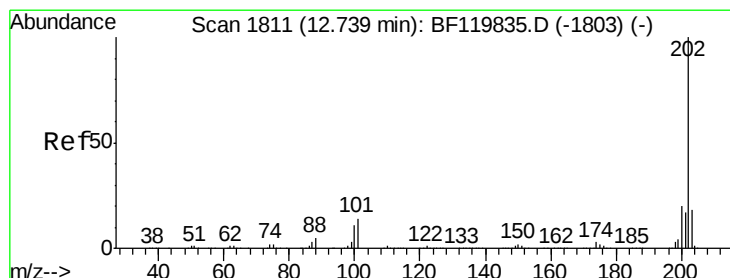
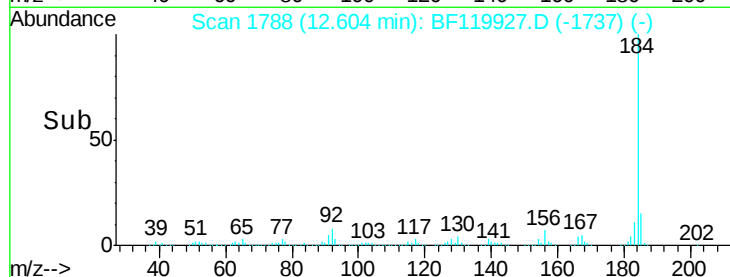
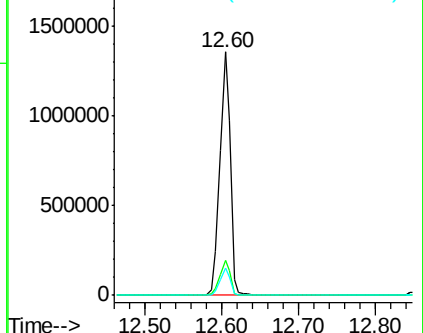
#77
Benzidine
Concen: 54.376 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion:184 Resp: 1260861
Ion Ratio Lower Upper
184 100
185 14.5 13.2 19.8
183 11.1 9.1 13.7

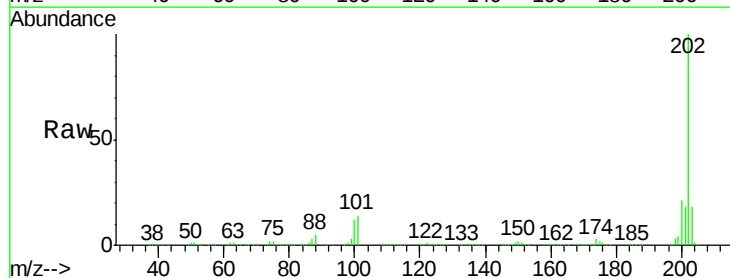


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

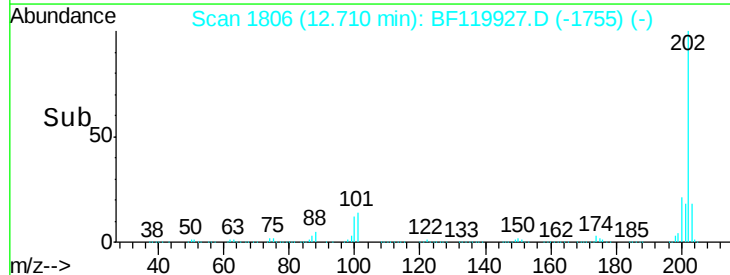
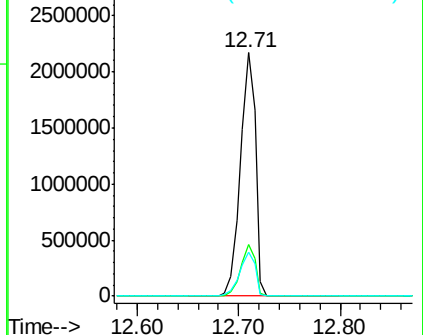


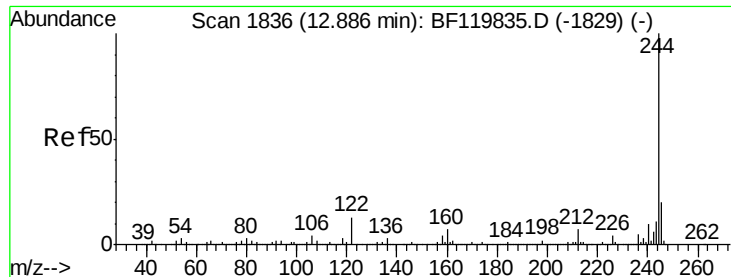
#78
Pyrene
Concen: 38.799 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Tgt Ion:202 Resp: 2243721
Ion Ratio Lower Upper
202 100
200 21.1 16.2 24.2
203 18.0 14.1 21.1



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: 53.700 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampled :

TP-2MSD

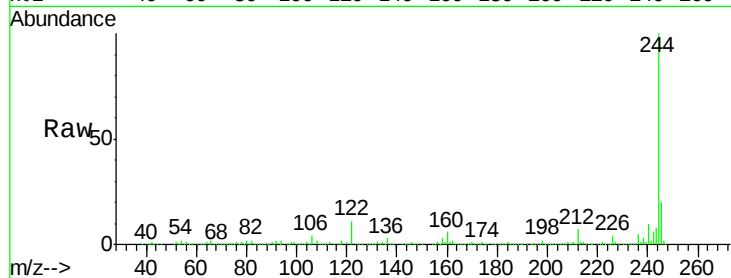
Tot Ion:244 Resp: 2189185

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

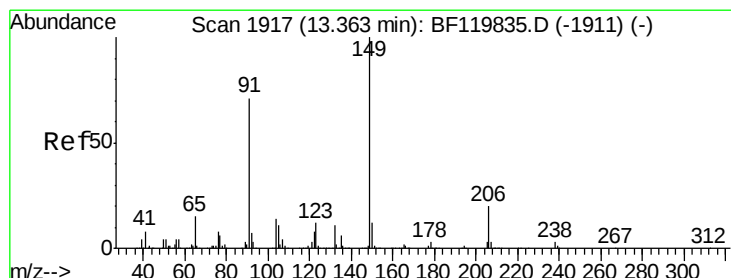
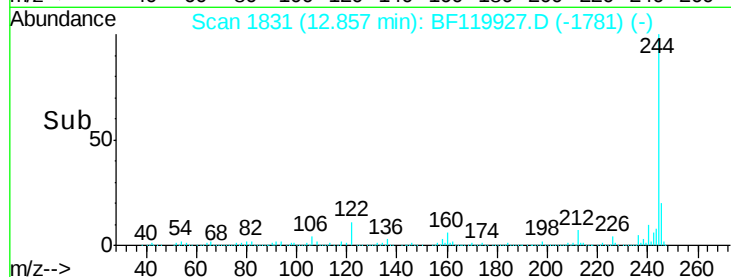
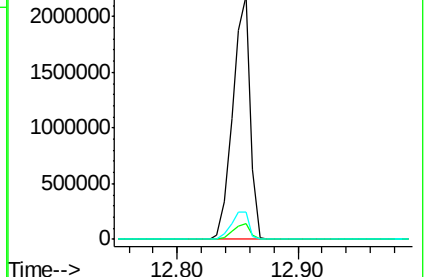
122 11.1 10.3 15.5



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: 37.422 ng

RT: 13.33 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

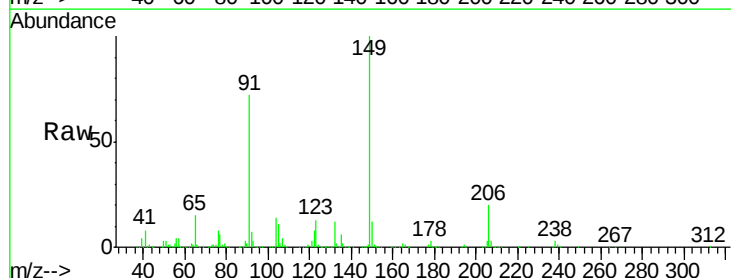
Tgt Ion:149 Resp: 1050089

Ion Ratio Lower Upper

149 100

91 71.7 56.7 85.1

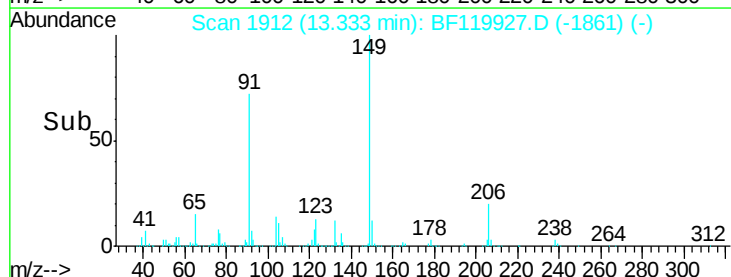
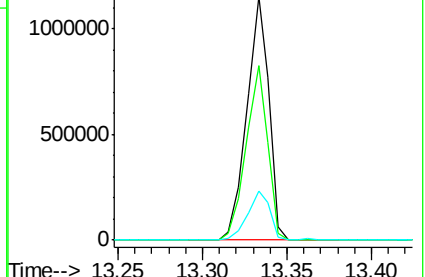
206 19.9 15.7 23.5



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: 38.831 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

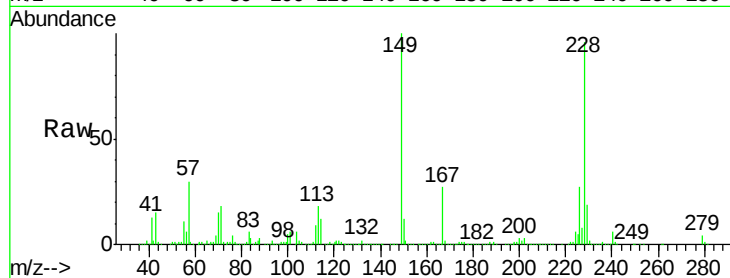
Tot Ion:228 Resp: 1752364

Ion Ratio Lower Upper

228 100

226 27.8 21.9 32.9

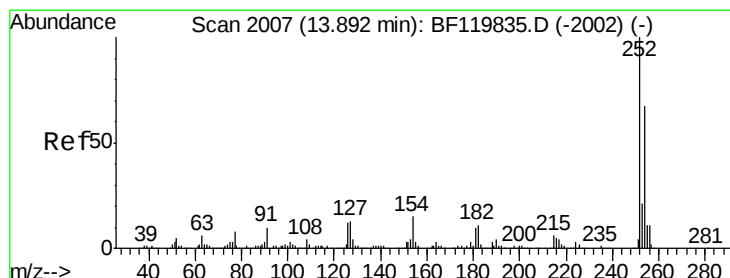
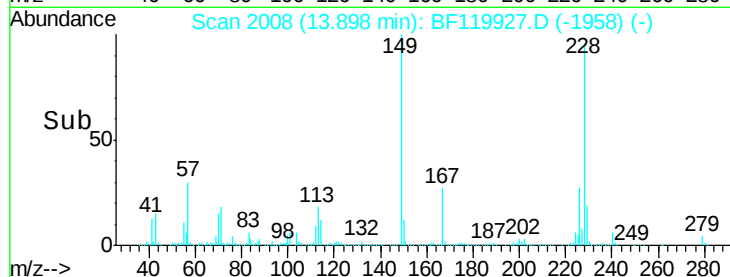
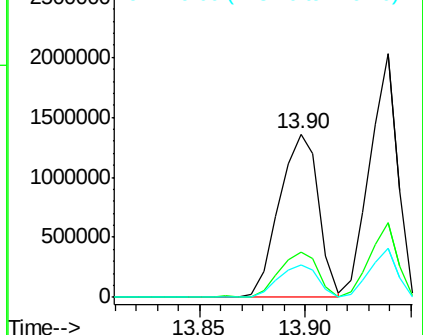
229 19.8 15.9 23.9



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: 26.160 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

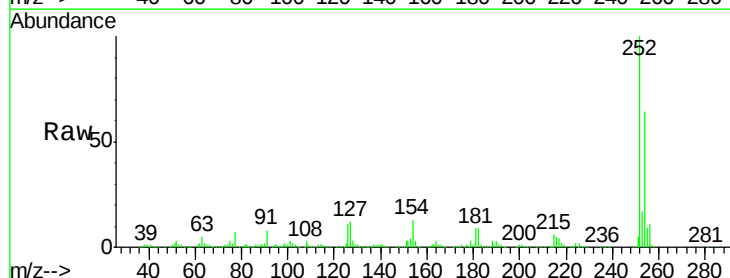
Tgt Ion:252 Resp: 440494

Ion Ratio Lower Upper

252 100

254 64.1 53.9 80.9

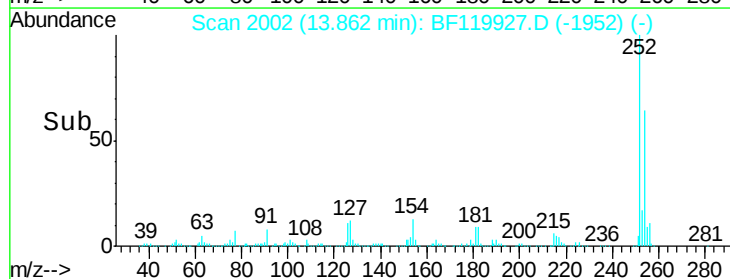
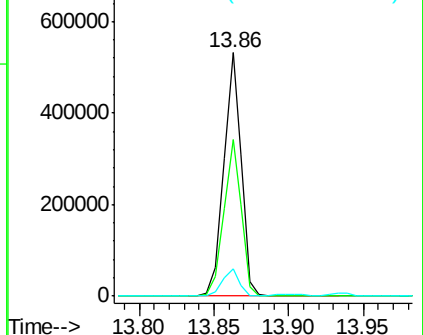
126 11.2 9.7 14.5

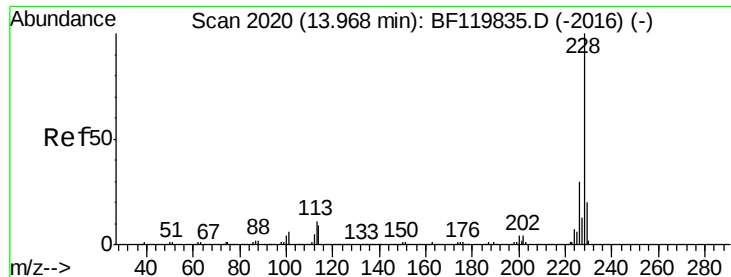


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.608 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

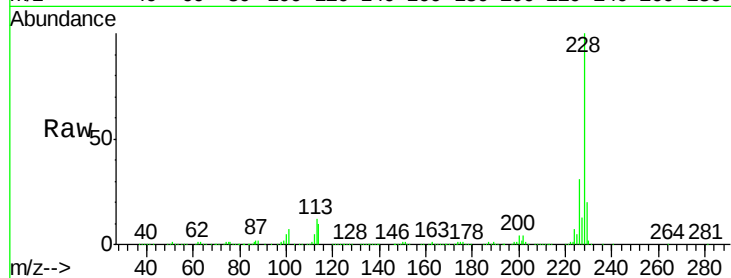
Tot Ion:228 Resp: 1862045

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.2

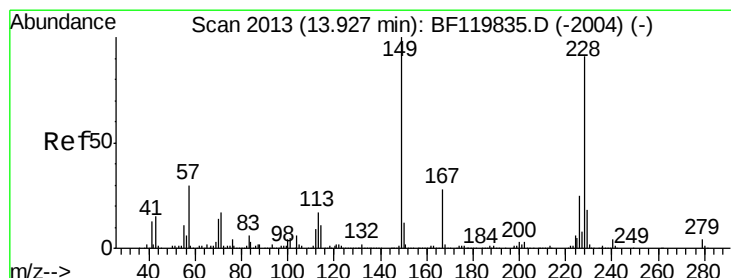
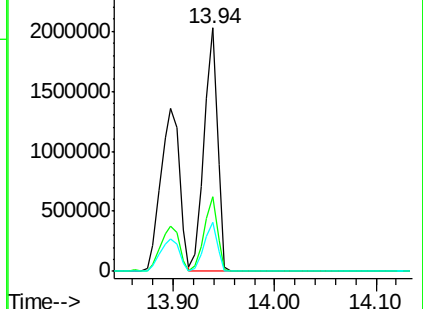
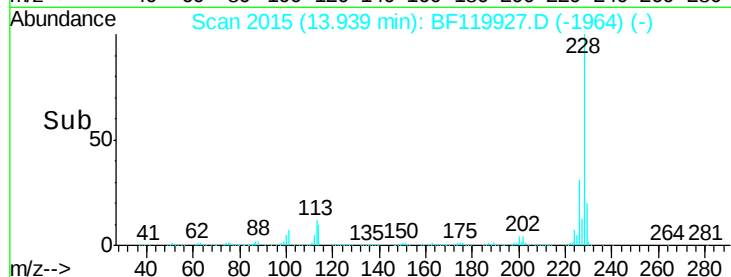
229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.245 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

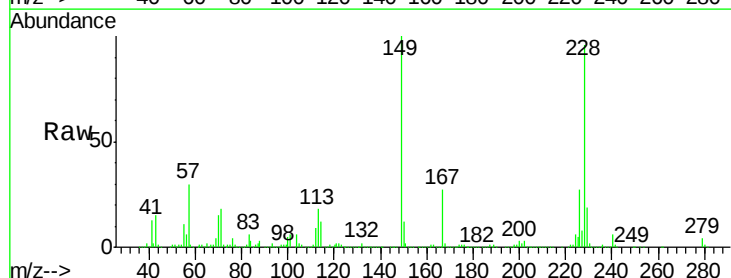
Tgt Ion:149 Resp: 1339281

Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.2

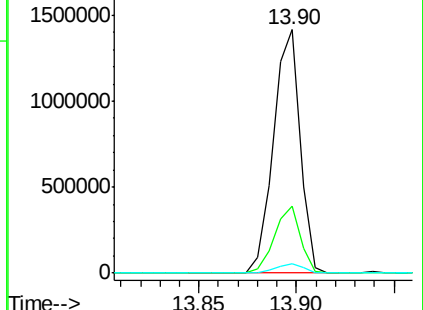
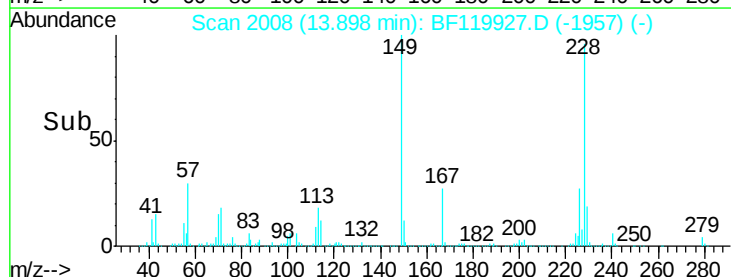
279 4.1 3.4 5.0

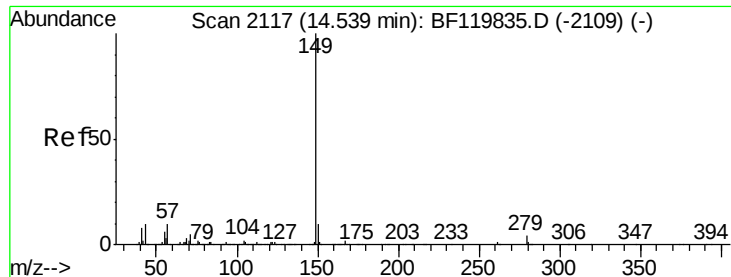


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

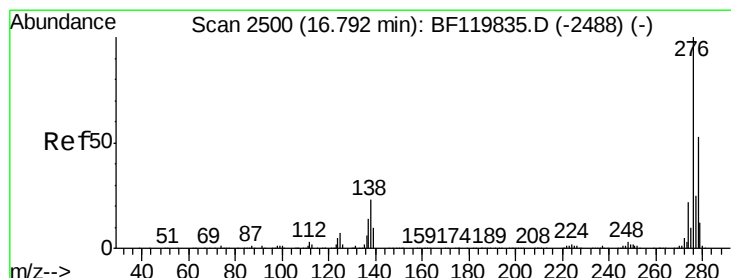
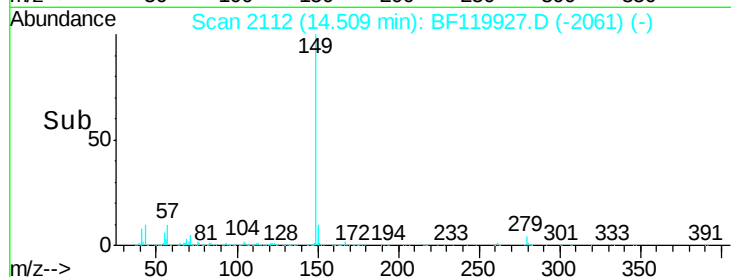
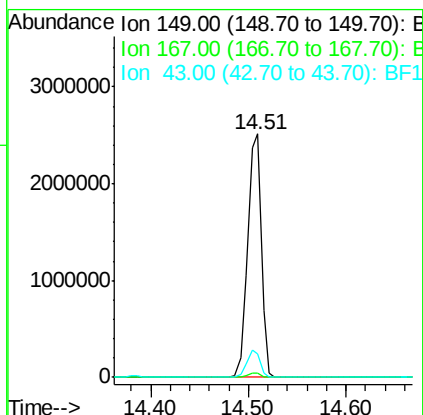
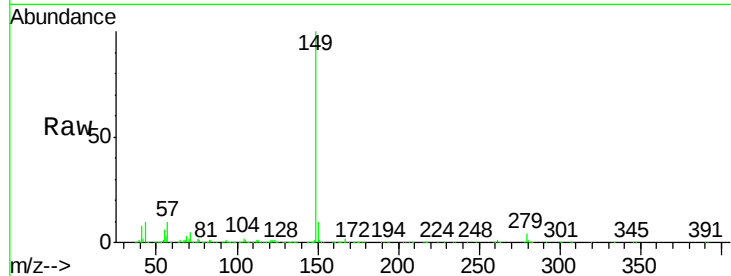




#85
Di-n-octyl phthalate
Concen: 37.786 ng
RT: 14.51 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

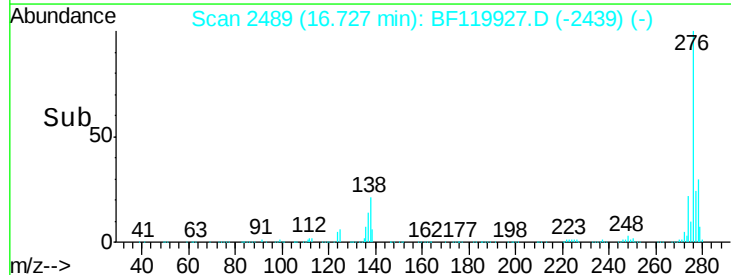
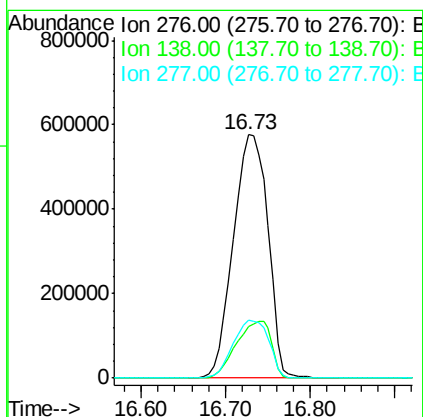
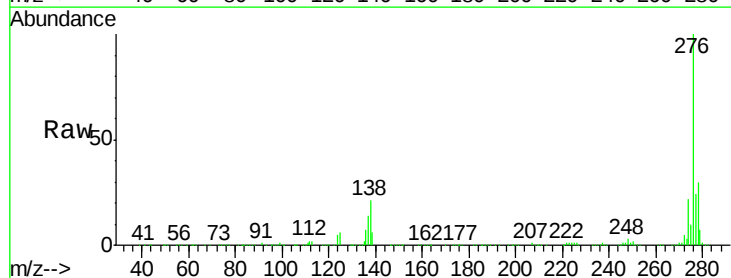
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

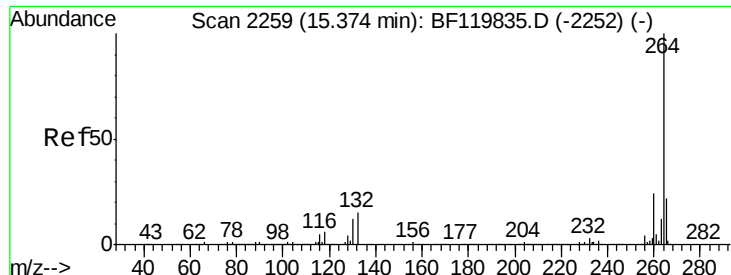
Tot Ion:149 Resp: 2444799
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.2 13.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.562 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Tgt Ion:276 Resp: 1639482
Ion Ratio Lower Upper
276 100
138 23.8 18.0 27.0
277 24.7 20.1 30.1

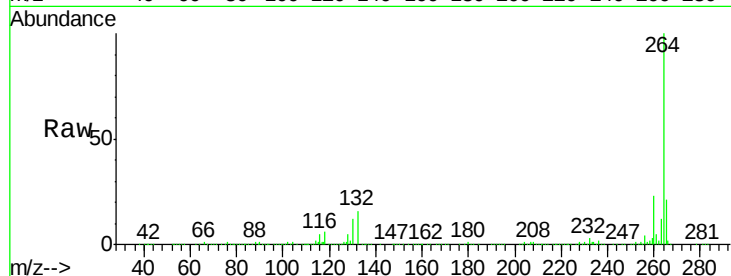




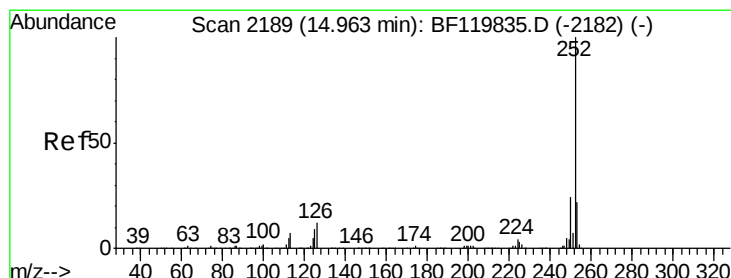
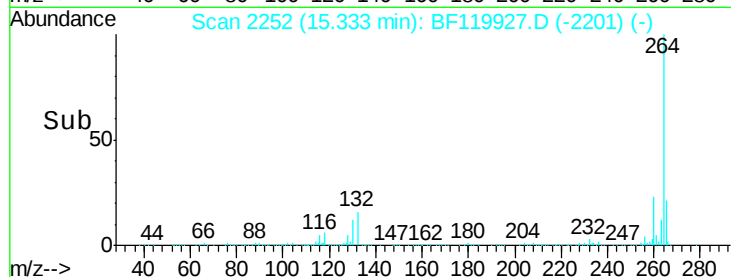
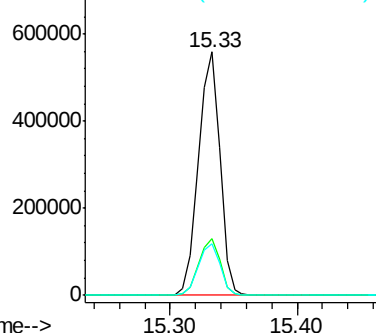
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion:264 Resp: 652665
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.5 17.6 26.4

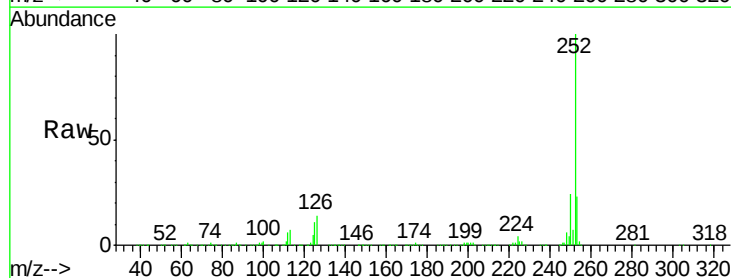


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

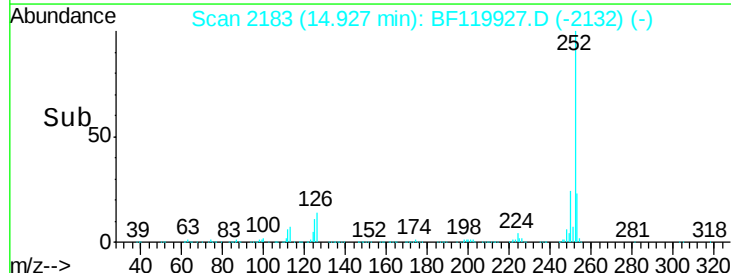
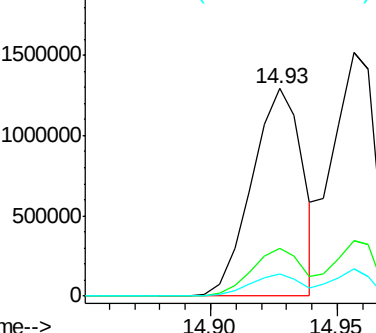


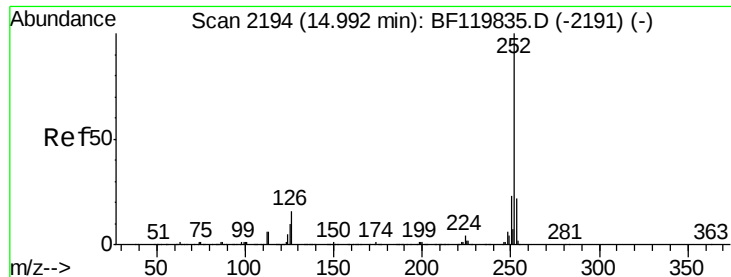
#88
Benzo(b)fluoranthene
Concen: 38.425 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Tgt Ion:252 Resp: 1804083
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 10.6 7.4 11.2



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

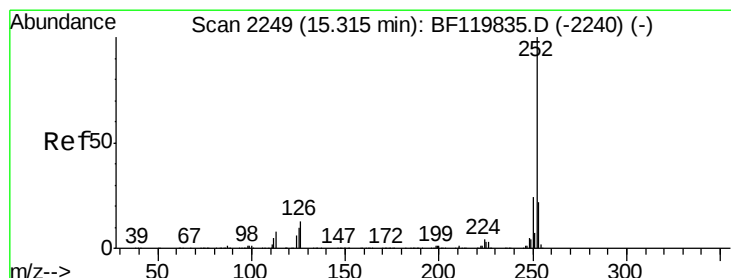
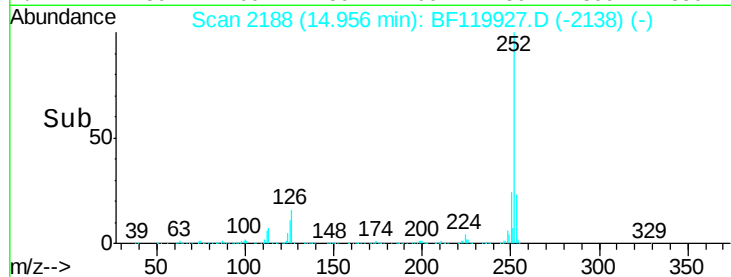
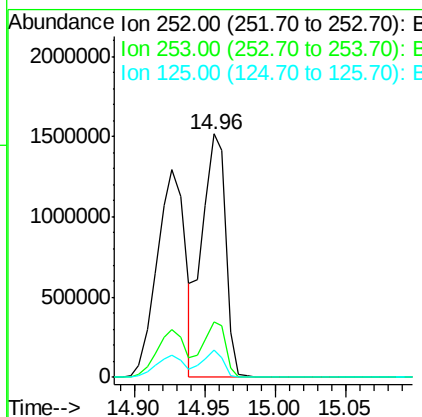
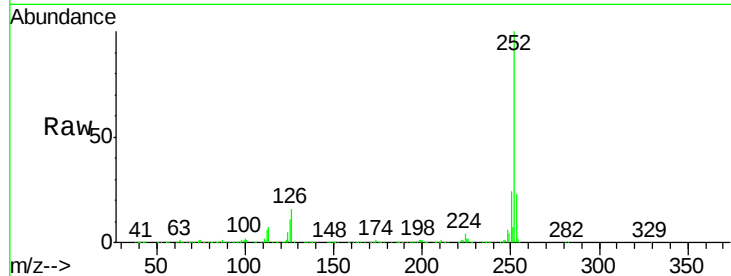




#89
Benzo(k)fluoranthene
Concen: 43.076 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

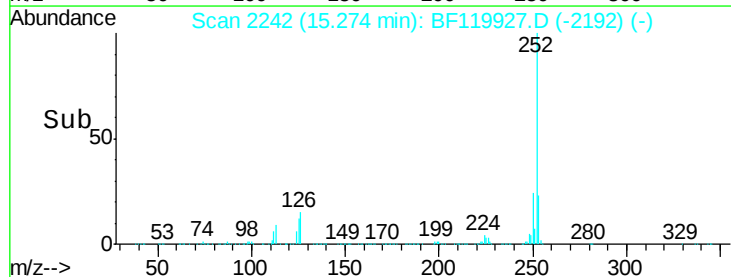
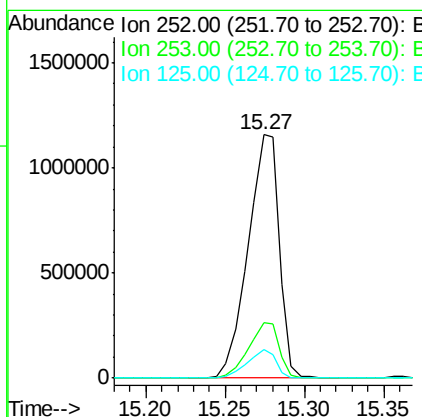
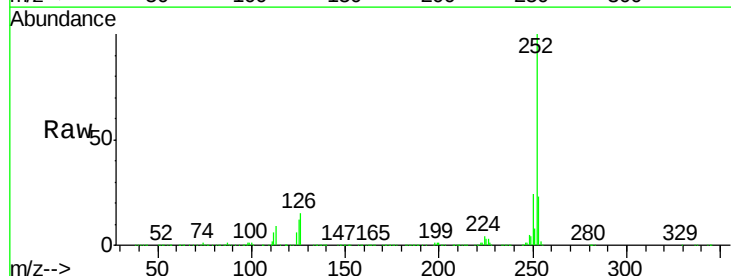
Instrument :
BNA_F
ClientSampleId :
TP-2MSD

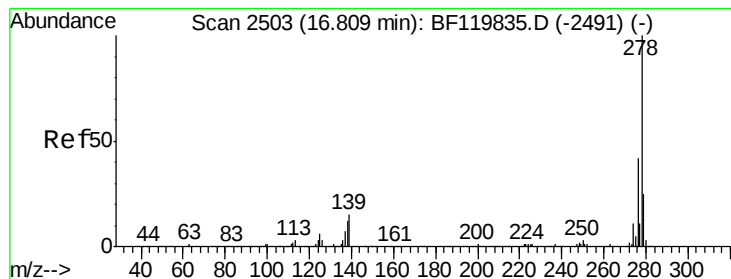
Tot Ion:252 Resp: 1745031
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.2 7.7 11.5



#90
Benzo(a)pyrene
Concen: 40.131 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF119927.D
Acq: 13 Apr 2020 20:52

Tgt Ion:252 Resp: 1584211
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 11.8 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 38.366 ng

RT: 16.75 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

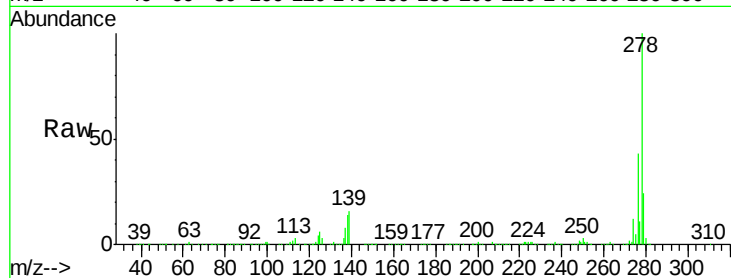
Tot Ion:278 Resp: 1341568

Ion Ratio Lower Upper

278 100

139 15.7 11.6 17.4

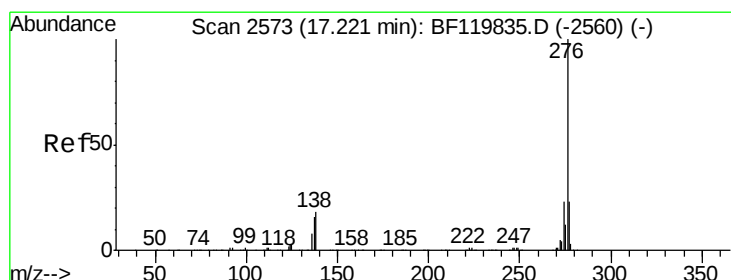
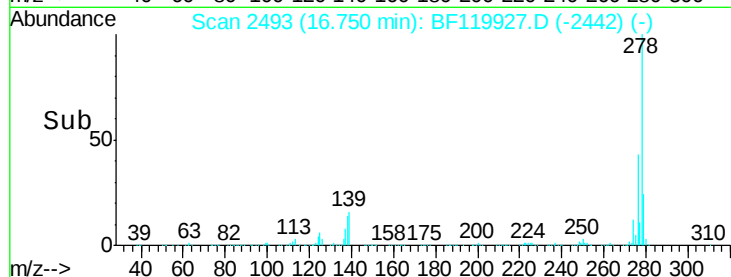
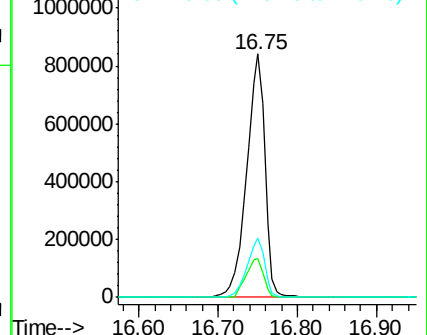
279 24.1 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.310 ng

RT: 17.16 min Scan# 2562

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

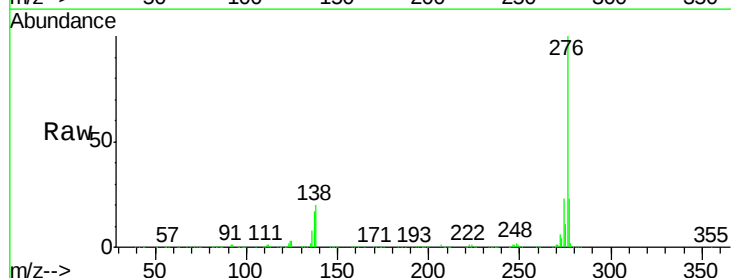
Tgt Ion:276 Resp: 1322346

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 20.0 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

