

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119839.D
 Acq On : 8 Apr 2020 21:57
 Operator : MA/SJ
 Sample : SSTDICC100
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 08 22:33:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 21:57:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	213342	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	717637	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	413634	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	688765	20.00	ng	0.00
76) Chrysene-d12	13.95	240	452551	20.00	ng	0.01
87) Perylene-d12	15.38	264	384481	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	2135724	159.36	ng	0.00
7) Phenol-d6	6.43	99	2586943	151.11	ng	0.02
23) Nitrobenzene-d5	7.36	82	2530120	191.61	ng	0.02
42) 2,4,6-Tribromophenol	10.62	330	773902	181.36	ng	0.01
45) 2-Fluorobiphenyl	9.15	172	4235786	151.71	ng	0.00
79) Terphenyl-d14	12.90	244	4421474	191.42	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	485944	73.417	ng	97
3) Pyridine	3.17	79	1335197	73.222	ng	97
4) n-Nitrosodimethylamine	3.15	42	687537	77.317	ng	99
6) Aniline	6.45	93	1700099	71.953	ng	98
8) 2-Chlorophenol	6.57	128	1157596	82.242	ng	95
9) Benzaldehyde	6.32	77	456087	41.996	ng	99
10) Phenol	6.44	94	1479763	81.007	ng	92
11) bis(2-Chloroethyl)ether	6.52	93	1143426	78.264	ng	99
12) 1,3-Dichlorobenzene	6.72	146	1281182	84.100	ng	99
13) 1,4-Dichlorobenzene	6.79	146	1264768	83.002	ng	99
14) 1,2-Dichlorobenzene	6.95	146	1134704	79.668	ng	99
15) Benzyl Alcohol	6.93	79	1002978	77.884	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	2180730	74.001	ng	95
17) 2-Methylphenol	7.03	107	1060463	82.229	ng	94
18) Hexachloroethane	7.29	117	482634	86.429	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	875284	84.824	ng	98
20) 3+4-Methylphenols	7.20	107	1190114	75.299	ng	93
22) Acetophenone	7.20	105	1513216	88.246	ng	# 95
24) Nitrobenzene	7.37	77	1265275	89.663	ng	98
25) Isophorone	7.62	82	2489427	92.938	ng	100
26) 2-Nitrophenol	7.68	139	644667	116.026	ng	99
27) 2,4-Dimethylphenol	7.73	122	975705	84.926	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	1464818	92.480	ng	99
29) 2,4-Dichlorophenol	7.93	162	958166	90.766	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	1074760	92.061	ng	99
31) Naphthalene	8.09	128	3310432	89.640	ng	98
32) Benzoic acid	7.90	122	904819	122.433	ng	98
33) 4-Chloroaniline	8.14	127	1457140	86.108	ng	99
34) Hexachlorobutadiene	8.20	225	644087	98.606	ng	97
35) Caprolactam	8.56	113	257461	74.521	ng	89
36) 4-Chloro-3-methylphenol	8.63	107	1091069	94.565	ng	94
37) 2-Methylnaphthalene	8.78	142	2287683	94.388	ng	99
38) 1-Methylnaphthalene	8.87	142	2130484	92.869	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	1016689	83.858	ng	99

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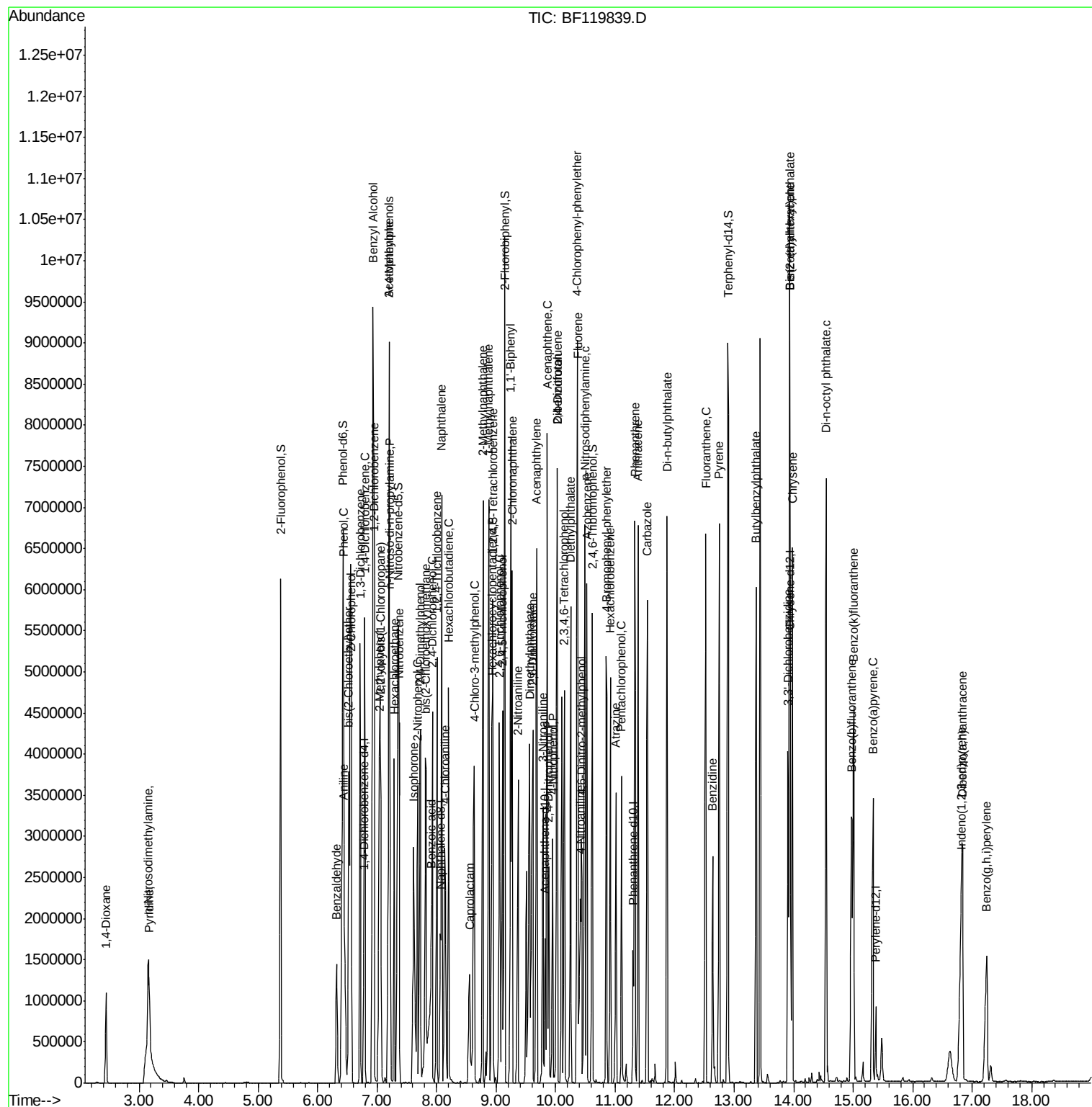
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	642791	93.258	nq	100
43) 2,4,6-Trichlorophenol	9.06	196	725089	83.573	nq	100
44) 2,4,5-Trichlorophenol	9.10	196	786197	80.890	nq	99
46) 1,1'-Biphenyl	9.25	154	2688376	79.801	nq	96
47) 2-Chloronaphthalene	9.27	162	2127996	80.641	nq	95
48) 2-Nitroaniline	9.37	65	780820	85.726	nq	97
49) Acenaphthylene	9.69	152	3033583	73.205	nq	97
50) Dimethylphthalate	9.56	163	2578815	87.773	nq	99
51) 2,6-Dinitrotoluene	9.62	165	573576	91.079	nq	99
52) Acenaphthene	9.86	154	2072472	80.223	nq	98
53) 3-Nitroaniline	9.79	138	702330	88.337	nq	95
54) 2,4-Dinitrophenol	9.89	184	406615	176.126	nq	98
55) Dibenzofuran	10.03	168	2858507	77.175	nq	99
56) 4-Nitrophenol	9.95	139	519713	82.863	nq	98
57) 2,4-Dinitrotoluene	10.02	165	741544	93.473	nq	# 83
58) Fluorene	10.37	166	2086215	76.167	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	643359	88.555	nq	99
60) Diethylphthalate	10.26	149	2618704	87.818	nq	98
61) 4-Chlorophenyl-phenylether	10.36	204	1053037	78.619	nq	94
62) 4-Nitroaniline	10.42	138	592739	77.746	nq	98
63) Azobenzene	10.53	77	2285376	76.106	nq	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	426221	147.574	nq	98
66) n-Nitrosodiphenylamine	10.49	169	1970752	87.159	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	727605	92.758	nq	96
68) Hexachlorobenzene	10.92	284	751854	93.650	nq	99
69) Atrazine	11.02	200	468675	75.607	nq	97
70) Pentachlorophenol	11.11	266	436835	92.797	nq	99
71) Phenanthrene	11.33	178	2977222	83.362	nq	97
72) Anthracene	11.39	178	2958114	81.496	nq	99
73) Carbazole	11.54	167	2924378	81.396	nq	97
74) Di-n-butylphthalate	11.87	149	3783466	98.443	nq	98
75) Fluoranthene	12.52	202	3282288	84.920	nq	97
77) Benzidine	12.64	184	981252	51.235	nq	# 93
78) Pyrene	12.75	202	3483220	93.785	nq	97
80) Butylbenzylphthalate	13.37	149	1636515	108.944	nq	97
81) Benzo(a)anthracene	13.94	228	2525575	85.820	nq	99
82) 3,3'-Dichlorobenzidine	13.90	252	882840	76.085	nq	97
83) Chrysene	13.98	228	2580289	84.957	nq	97
84) Bis(2-ethylhexyl)phthalate	13.93	149	2149493	120.036	nq	100
85) Di-n-octyl phthalate	14.54	149	3480928	110.529	nq	100
86) Indeno(1,2,3-cd)pyrene	16.81	276	2260945	79.043	nq	# 78
88) Benzo(b)fluoranthene	14.97	252	2632757	102.509	nq	99
89) Benzo(k)fluoranthene	15.01	252	1908798	78.051	nq	99
90) Benzo(a)pyrene	15.33	252	2075529	88.924	nq	100
91) Dibenzo(a,h)anthracene	16.84	278	1804396	88.385	nq	99
92) Benzo(g,h,i)perylene	17.25	276	1634375	79.688	nq	98

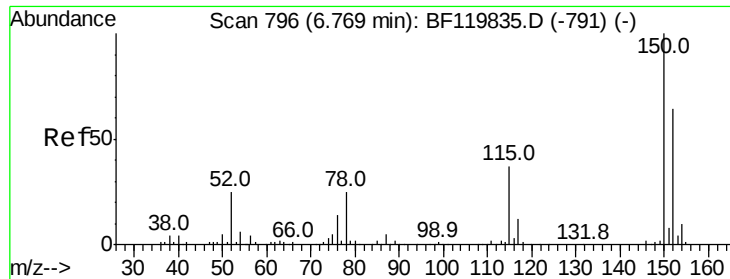
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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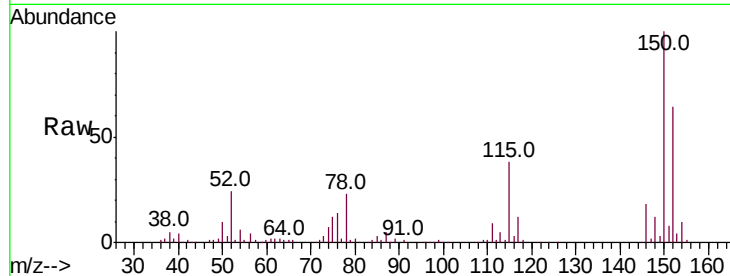


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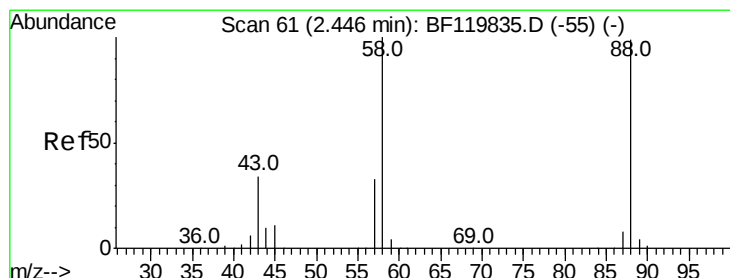
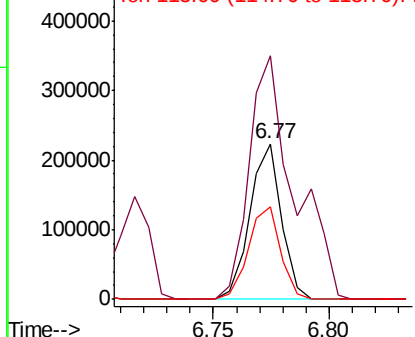
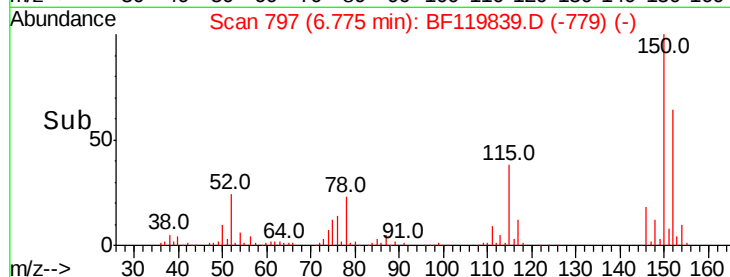
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 213342
Ion Ratio Lower Upper
152 100
150 156.4 124.8 187.2
115 59.2 46.5 69.7



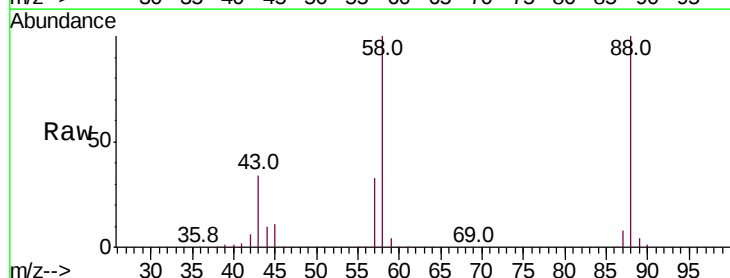
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



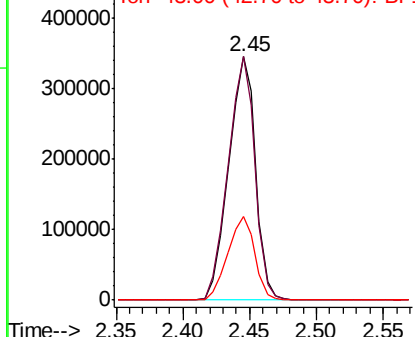
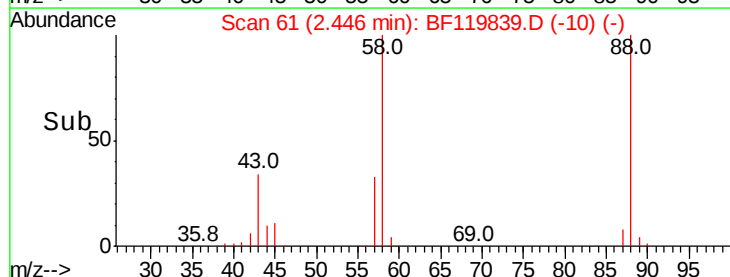
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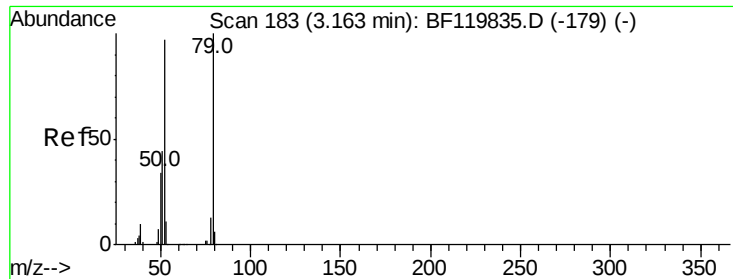
1,4-Dioxane
Concen: 73.417 ng
RT: 2.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Tgt Ion: 88 Resp: 485944
Ion Ratio Lower Upper
88 100
58 99.7 82.6 123.8
43 34.5 28.6 42.8



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

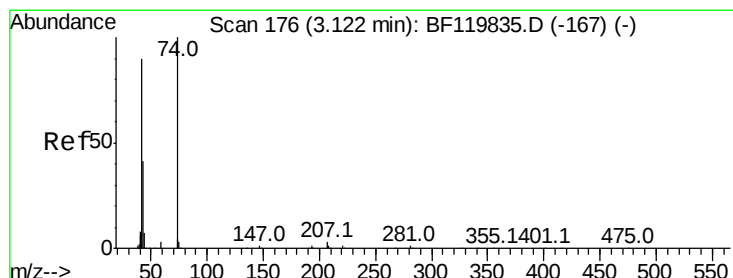
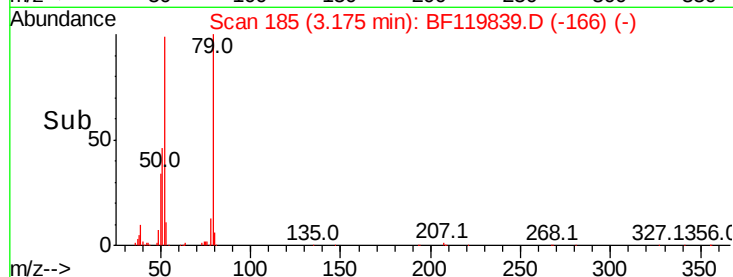
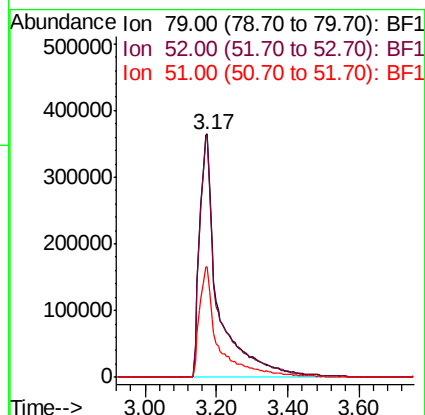
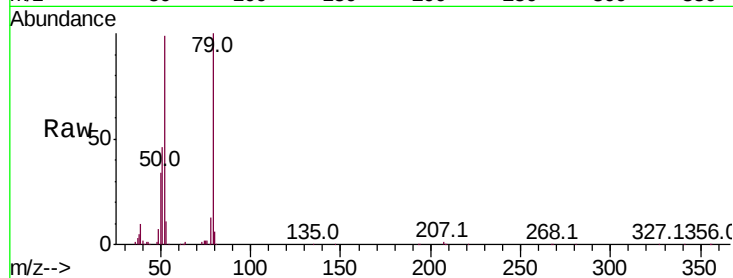




#3
 Pvridine
 Concen: 73.222 ng
 RT: 3.17 min Scan# 185
 Delta R.T. 0.01 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

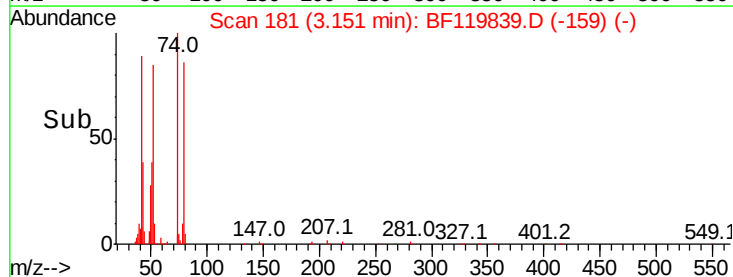
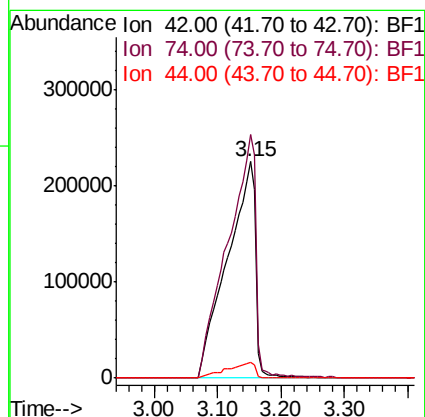
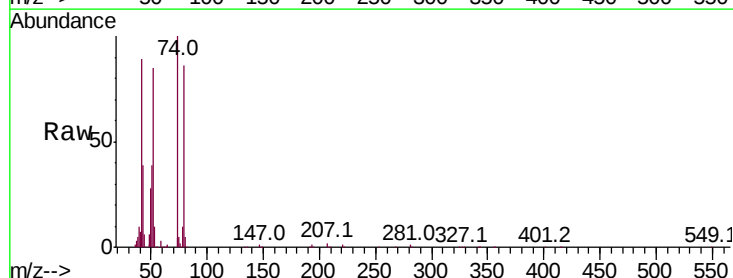
Instrument :
 BNA_F
 ClientSampleId :

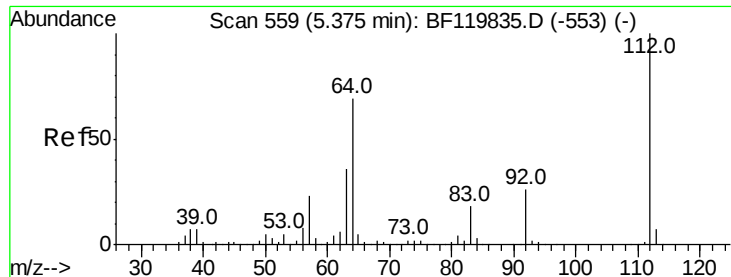
Tot Ion: 79 Resp: 1335197
 Ion Ratio Lower Upper
 79 100
 52 99.3 77.4 116.0
 51 45.6 35.3 52.9



#4
 n-Nitrosodimethylamine
 Concen: 77.317 ng
 RT: 3.15 min Scan# 181
 Delta R.T. 0.03 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

Tgt Ion: 42 Resp: 687537
 Ion Ratio Lower Upper
 42 100
 74 112.6 89.0 133.4
 44 7.0 6.2 9.4





#5

2-Fluorophenol

Concen: 159.362 ng

RT: 5.38 min Scan# 560

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :
BNA_F
ClientSampleId :

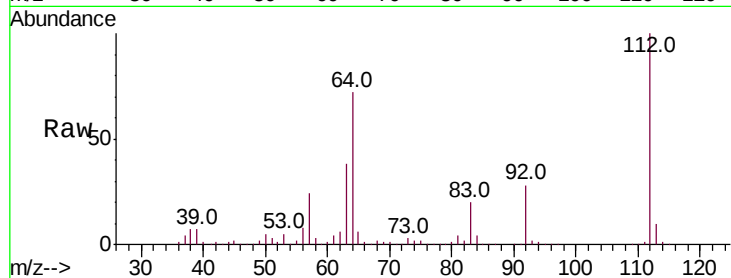
Tot Ion:112 Resp: 2135724

Ion Ratio Lower Upper

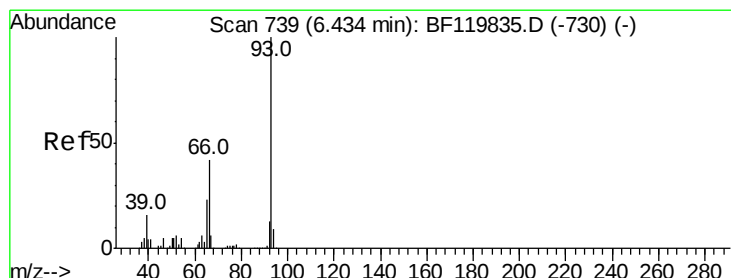
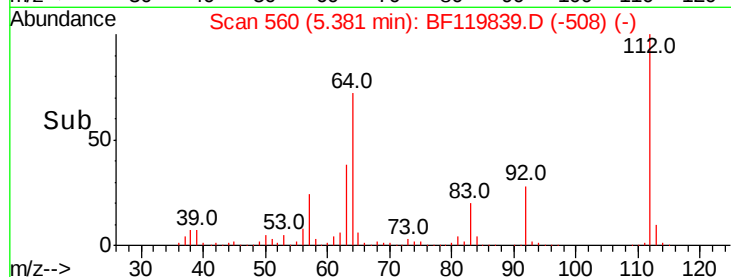
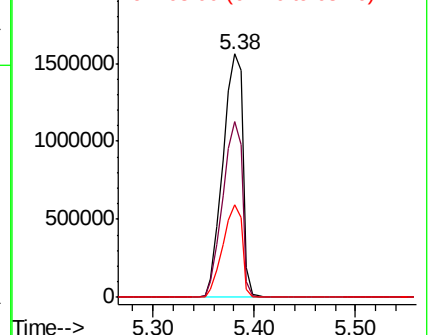
112 100

64 72.0 55.5 83.3

63 37.8 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 71.953 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

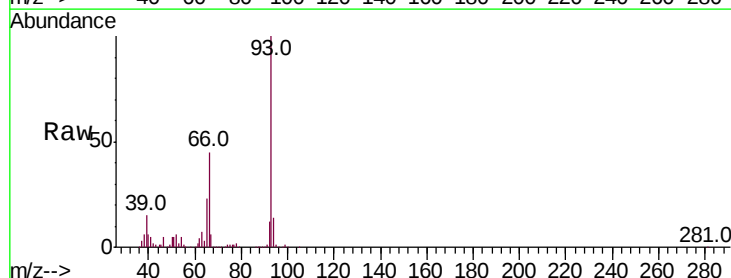
Tgt Ion: 93 Resp: 1700099

Ion Ratio Lower Upper

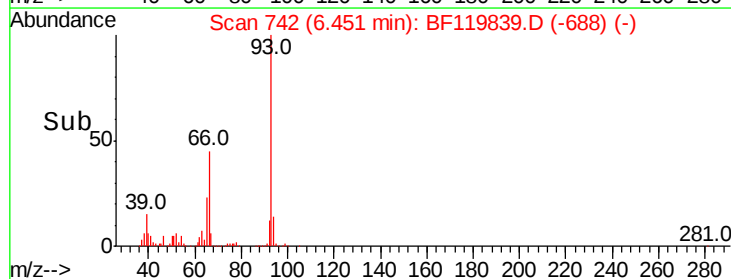
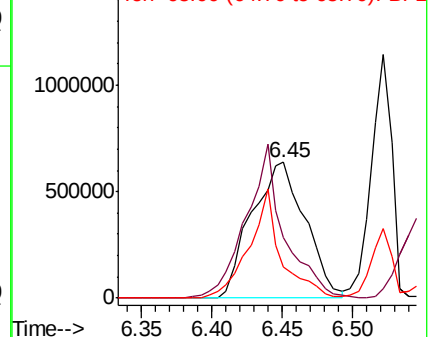
93 100

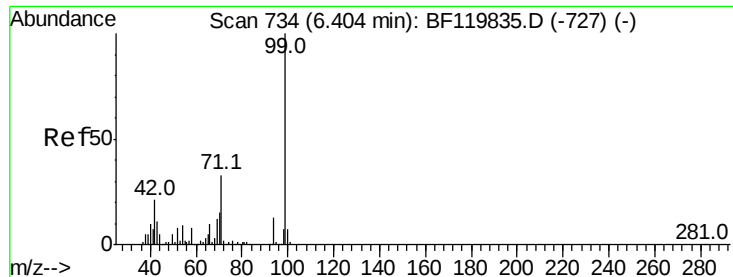
66 44.7 34.2 51.2

65 23.4 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: 151.109 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.02 min

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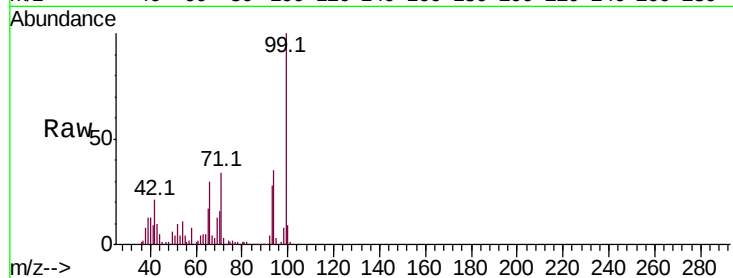
Tot Ion: 99 Resp: 2586943

Ion Ratio Lower Upper

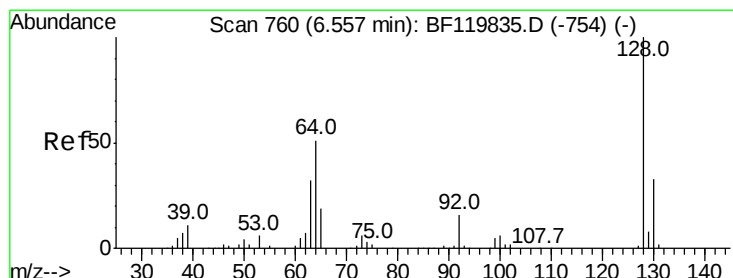
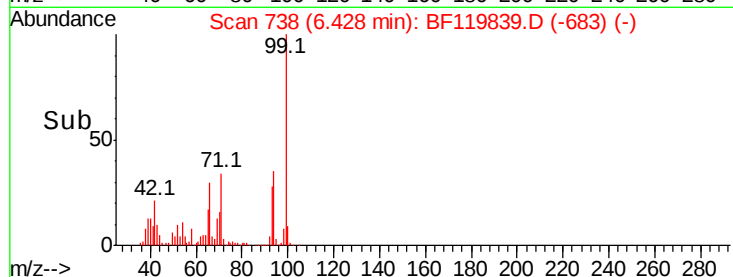
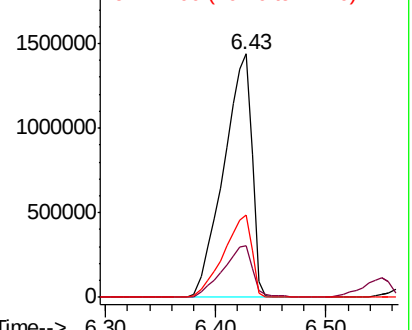
99 100

42 21.0 16.9 25.3

71 33.7 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 82.242 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF119839.D

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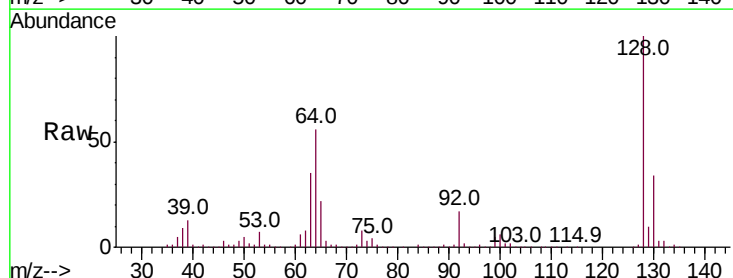
Tgt Ion:128 Resp: 1157596

Ion Ratio Lower Upper

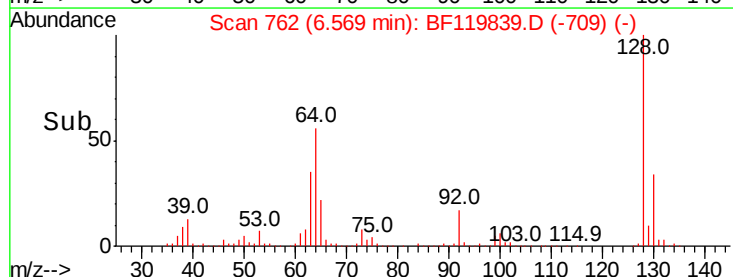
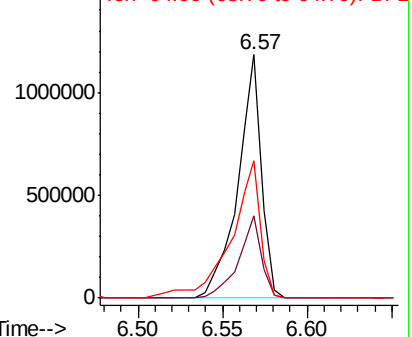
128 100

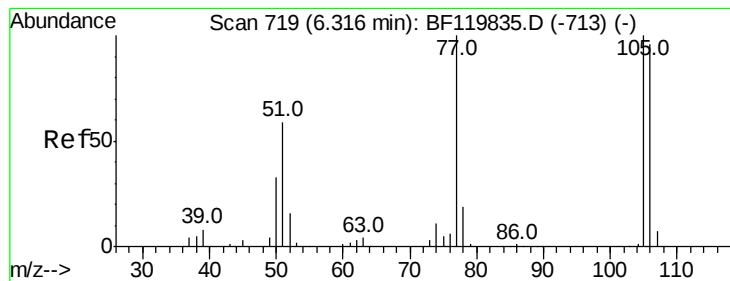
130 33.8 12.6 52.6

64 56.3 32.0 72.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.996 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.01 min

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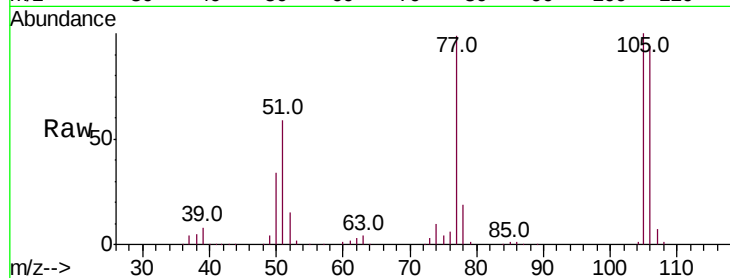
Tot Ion: 77 Resp: 456087

Ion Ratio Lower Upper

77 100

105 100.7 79.9 119.9

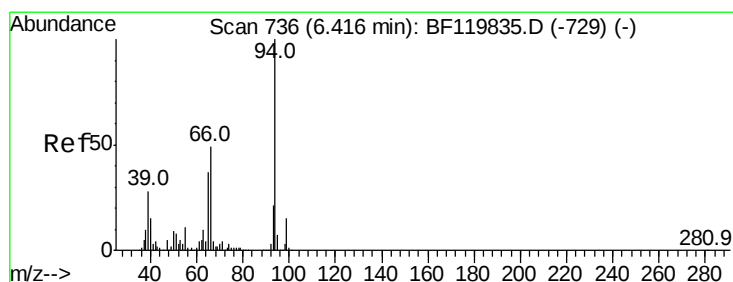
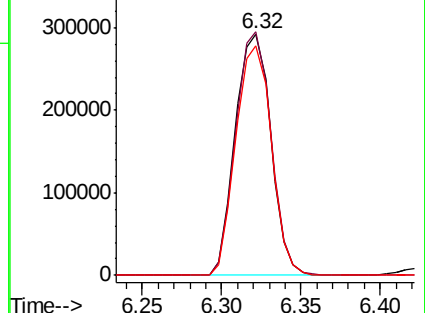
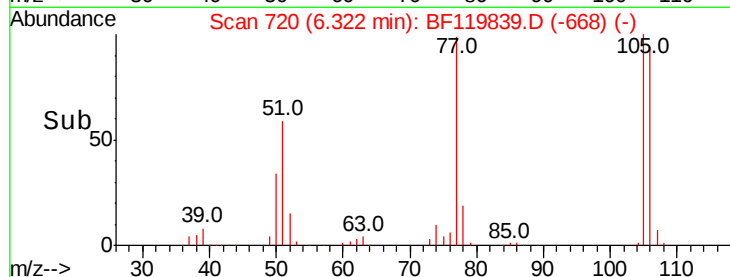
106 95.1 76.4 116.4



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: 81.007 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.02 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

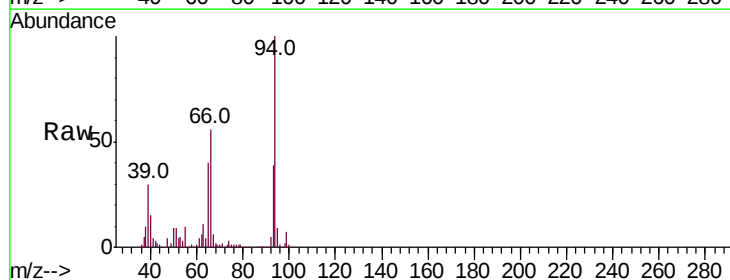
Tgt Ion: 94 Resp: 1479763

Ion Ratio Lower Upper

94 100

65 39.6 16.6 56.6

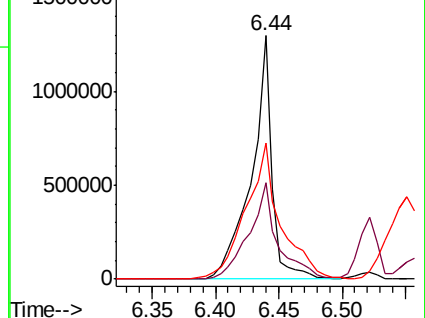
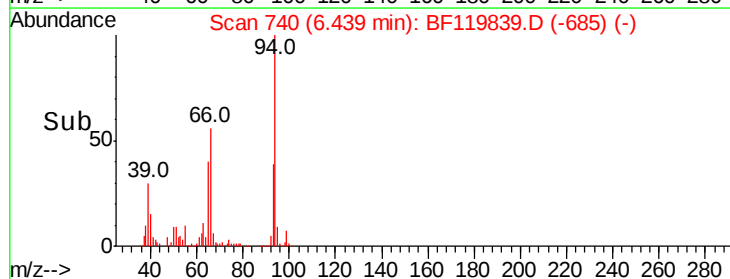
66 56.0 29.3 69.3

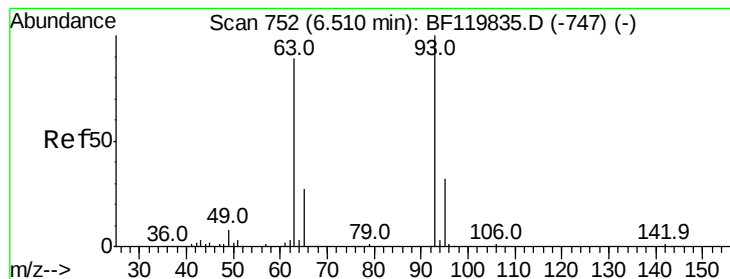


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



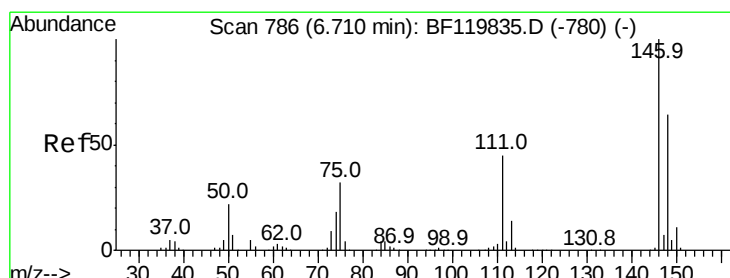
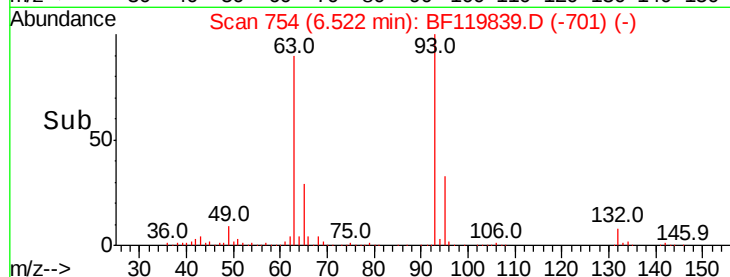
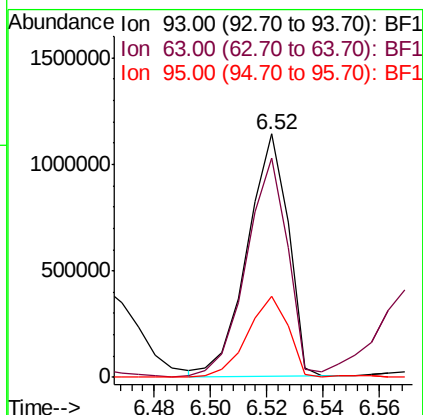
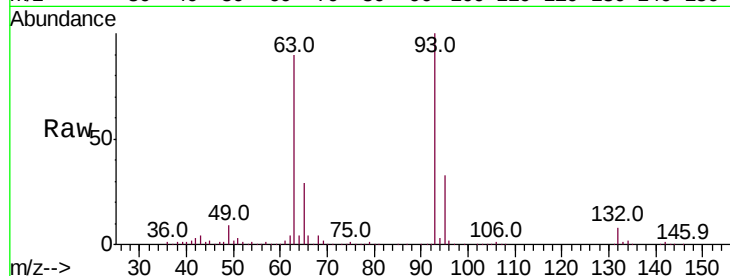


#11

bis(2-Chloroethyl)ether
Concen: 78.264 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Instrument :
BNA_F
ClientSampled :

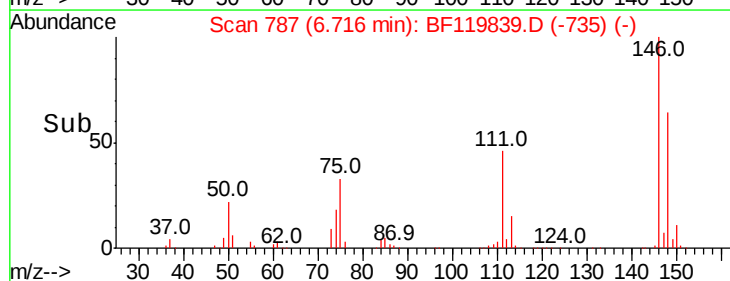
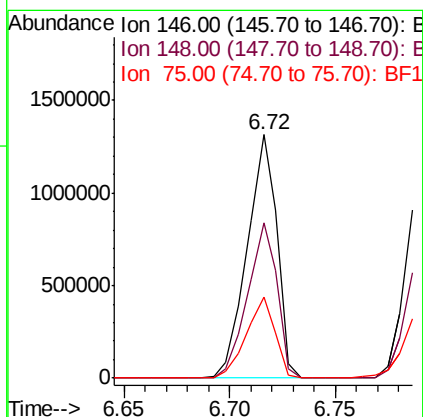
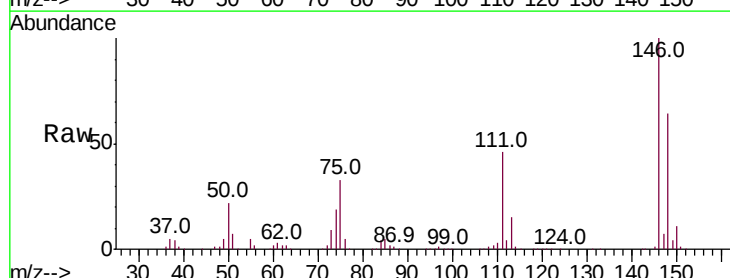
Tot Ion: 93 Resp: 1143426
Ion Ratio Lower Upper
93 100
63 90.1 69.1 109.1
95 33.2 12.3 52.3

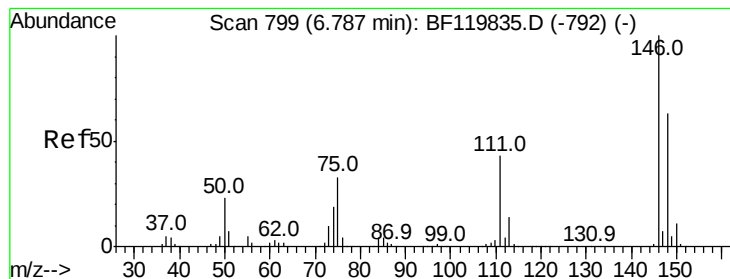


#12

1,3-Dichlorobenzene
Concen: 84.100 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Tgt Ion: 146 Resp: 1281182
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
75 33.2 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 83.002 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :

BNA_F

ClientSampleId :

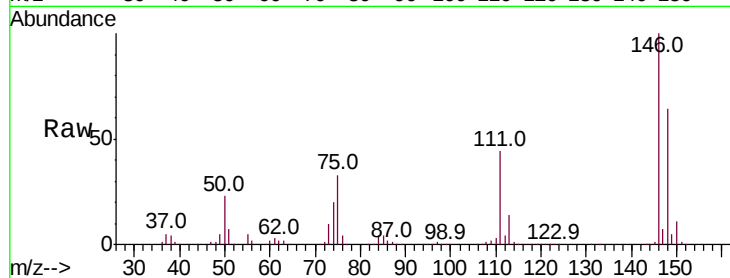
Tot Ion:146 Resp: 1264768

Ion Ratio Lower Upper

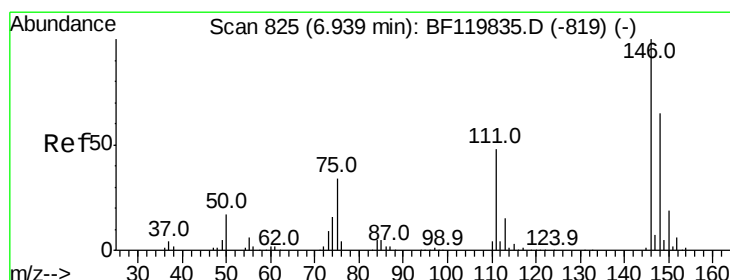
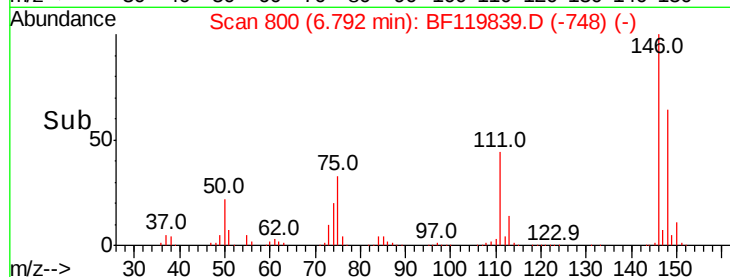
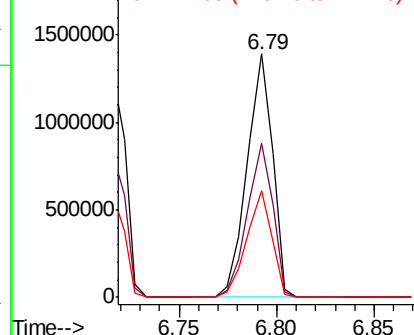
146 100

148 63.5 50.5 75.7

111 43.8 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: 79.668 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

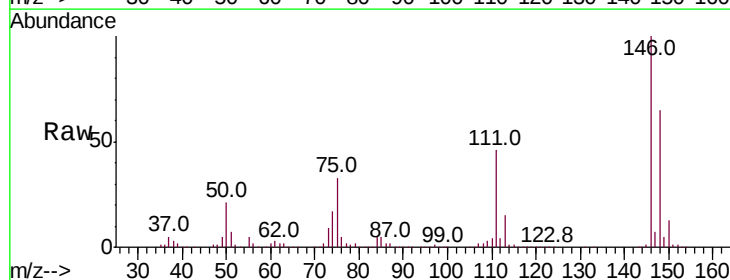
Tgt Ion:146 Resp: 1134704

Ion Ratio Lower Upper

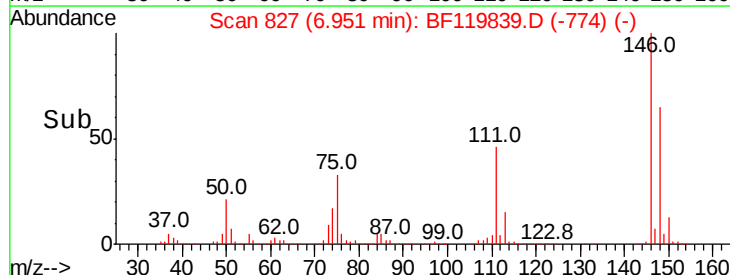
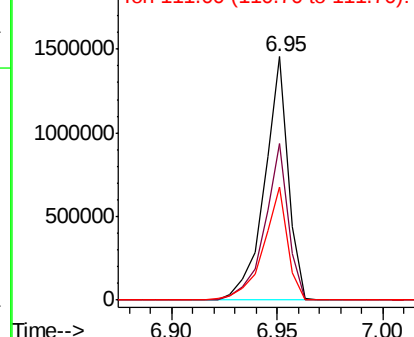
146 100

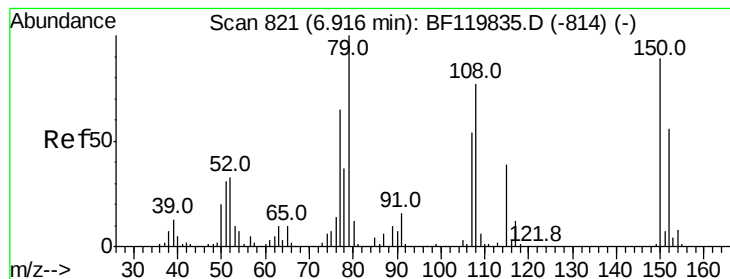
148 64.5 51.8 77.8

111 46.2 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: 77.884 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.02 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :

BNA_F

ClientSampled :

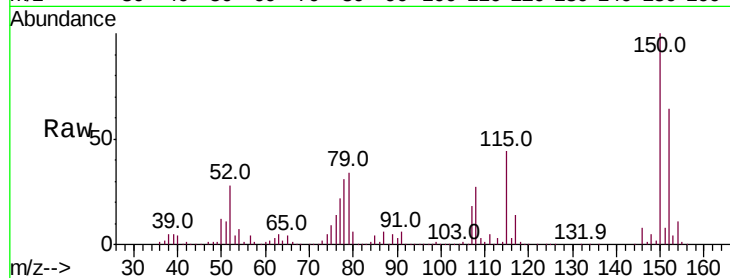
Tot Ion: 79 Resp: 1002978

Ion Ratio Lower Upper

79 100

108 77.2 62.0 93.0

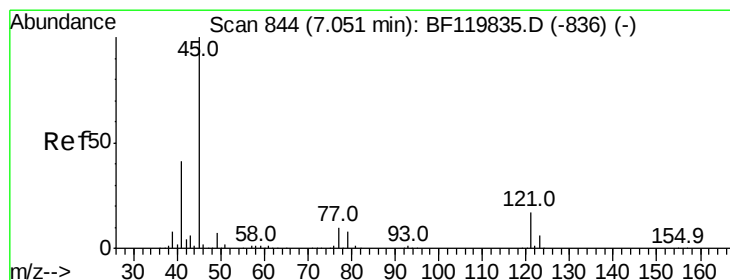
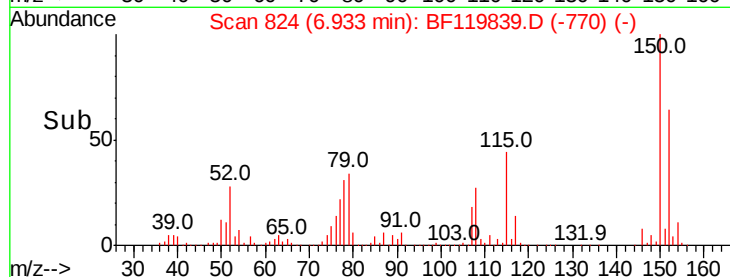
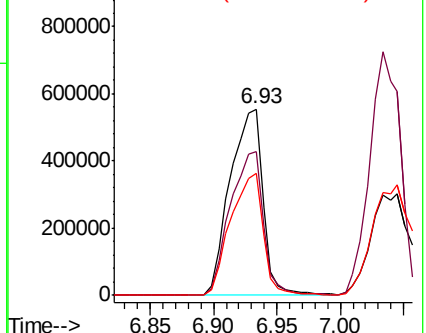
77 65.2 51.8 77.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 74.001 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

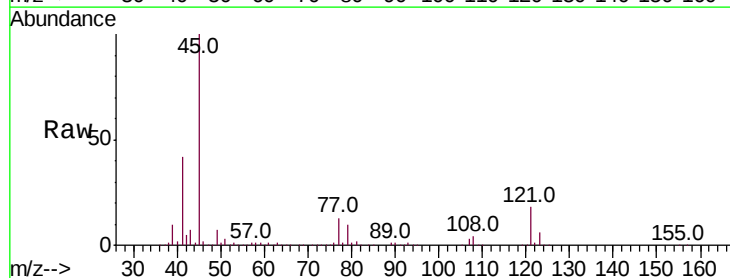
Tgt Ion: 45 Resp: 2180730

Ion Ratio Lower Upper

45 100

77 12.9 0.0 30.7

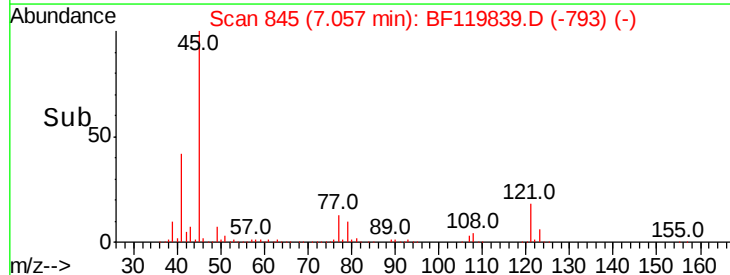
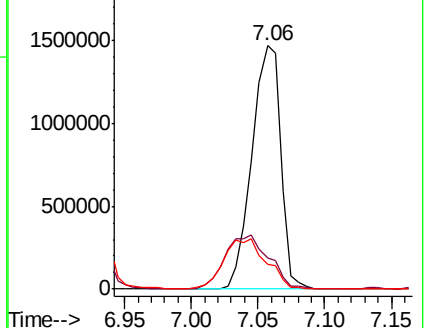
79 10.1 0.0 28.6

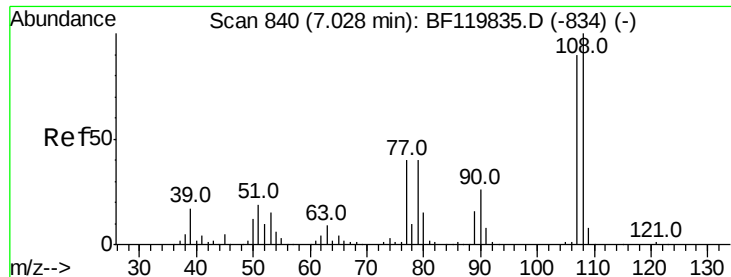


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

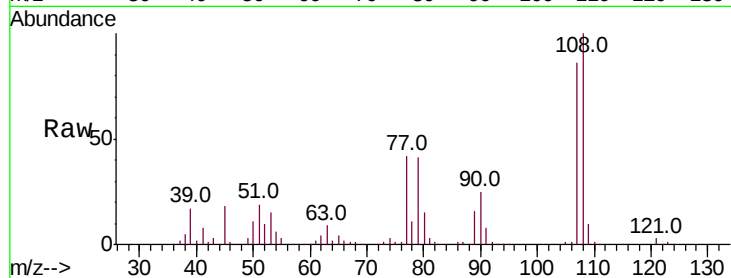




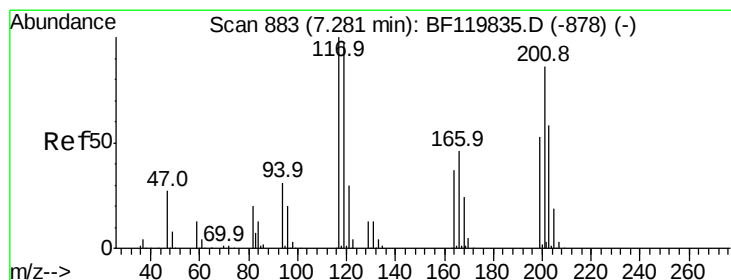
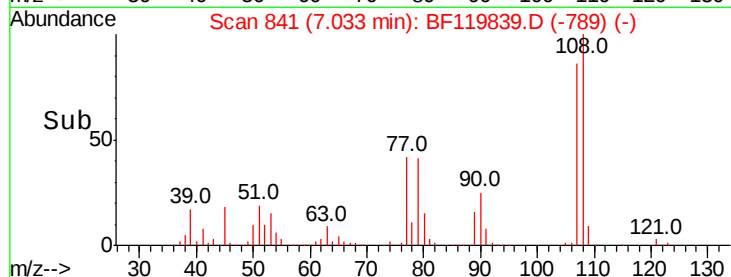
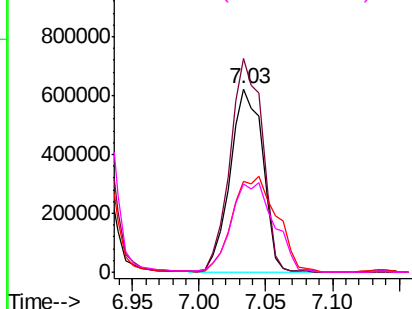
#17
2-Methylphenol
Concen: 82.229 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 1060463
Ion Ratio Lower Upper
107 100
108 116.6 88.8 133.2
77 49.5 36.0 54.0
79 47.9 35.7 53.5

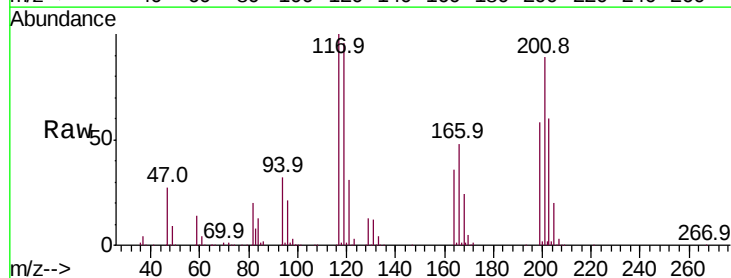


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

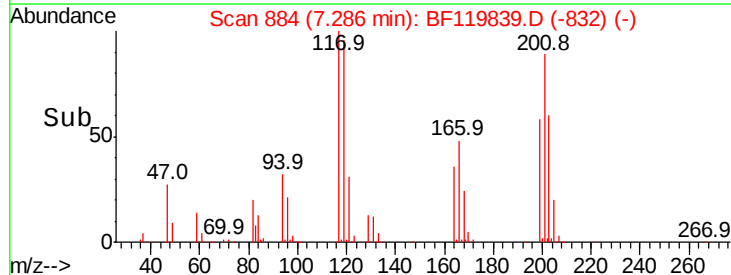
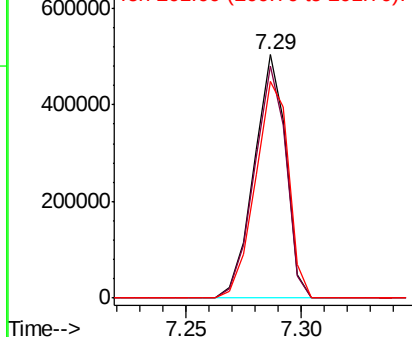


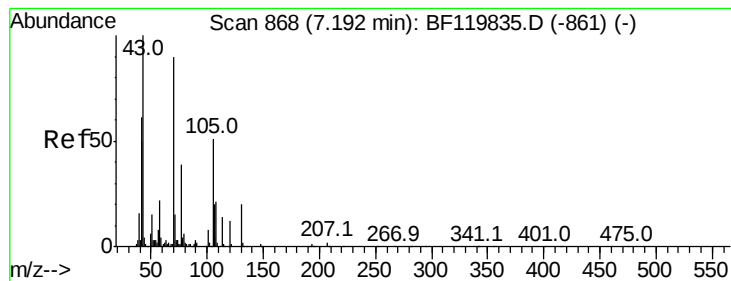
#18
Hexachloroethane
Concen: 86.429 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Tgt Ion:117 Resp: 482634
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0
201 89.2 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: 84.824 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.02 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 875284

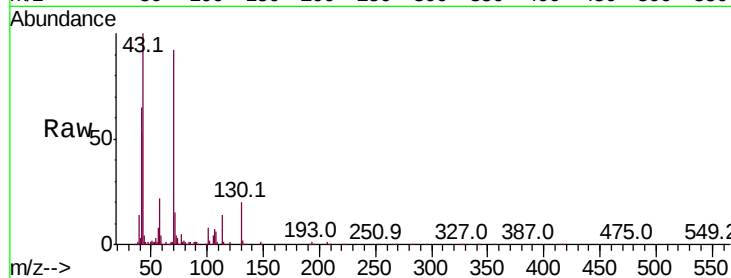
Ion Ratio Lower Upper

70 100

42 70.2 54.2 81.4

101 9.2 7.4 11.2

130 22.2 17.8 26.6

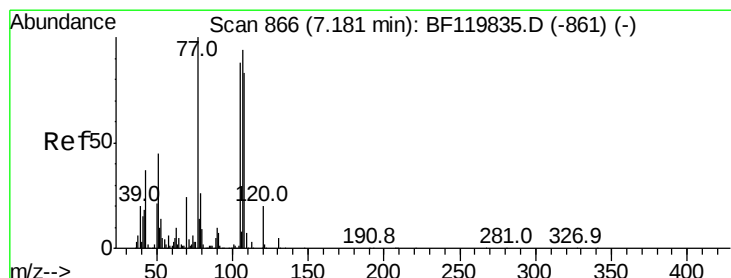
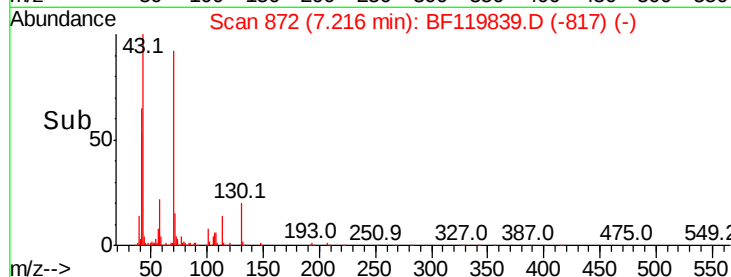
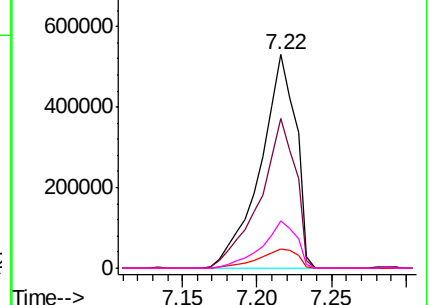


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 75.299 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.02 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Tgt Ion:107 Resp: 1190114

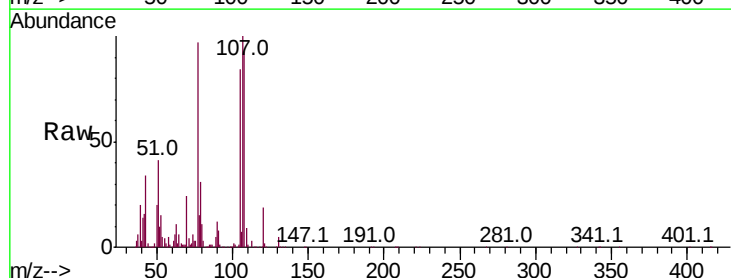
Ion Ratio Lower Upper

107 100

108 93.1 68.2 108.2

77 97.0 86.6 126.6

79 31.5 7.7 47.7

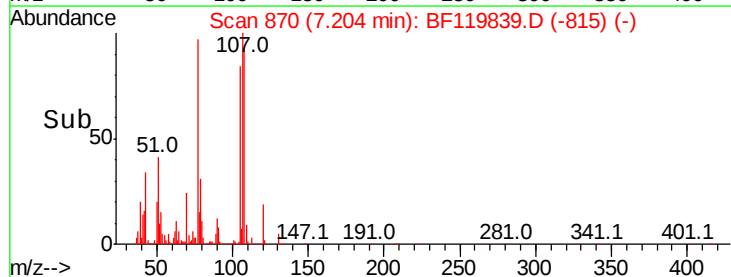
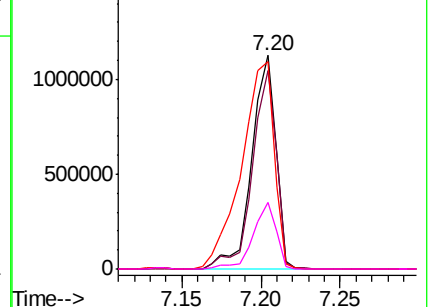


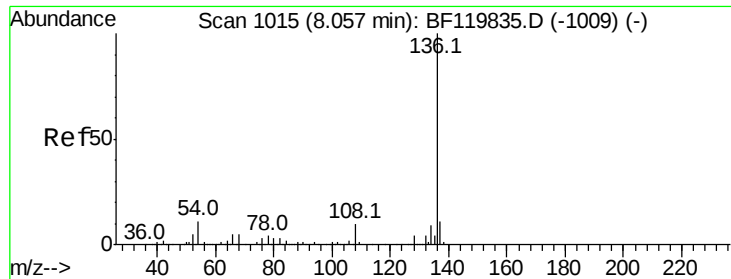
Abundance Ion 107.00 (106.70 to 107.70): BF1

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: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 717637

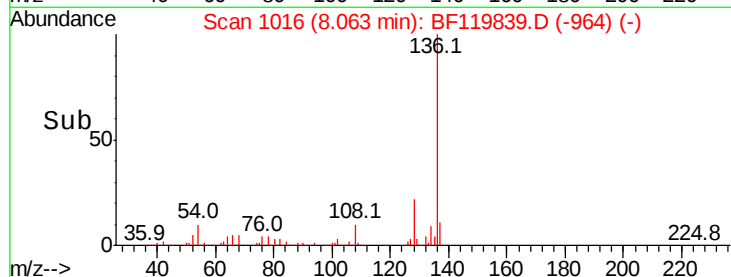
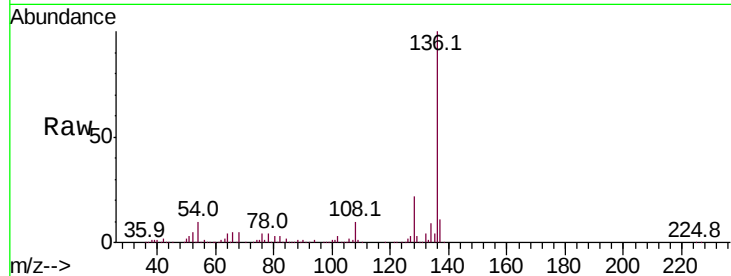
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 10.1 8.5 12.7

68 4.7 3.9 5.9

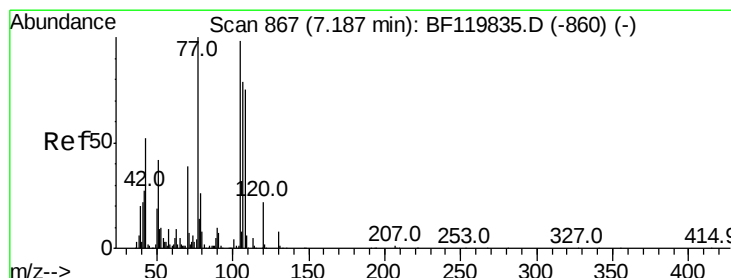
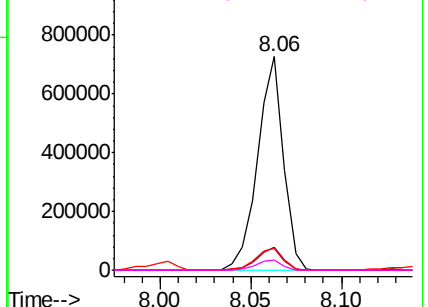


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.246 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Tgt Ion:105 Resp: 1513216

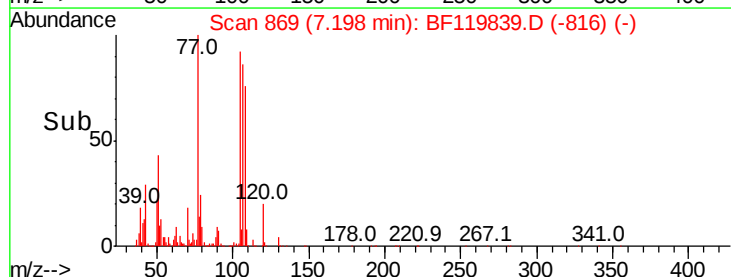
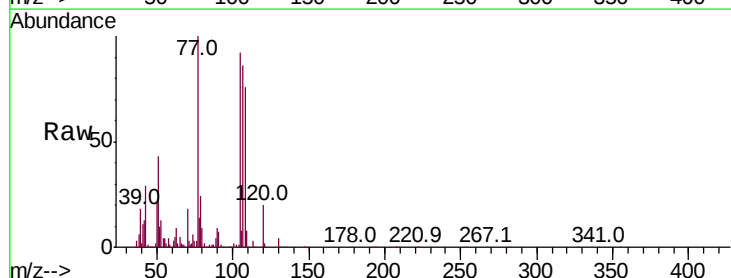
Ion Ratio Lower Upper

105 100

71 3.2 5.6 8.4#

51 46.6 33.9 50.9

120 22.2 17.8 26.8

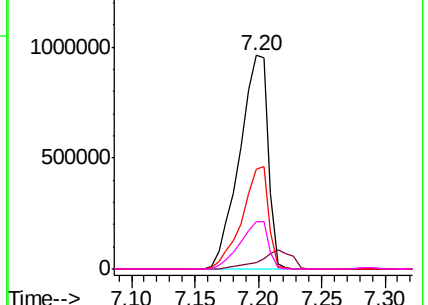


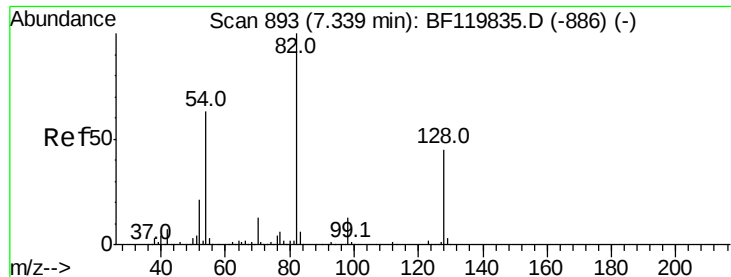
Abundance Ion 105.00 (104.70 to 105.70): E

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

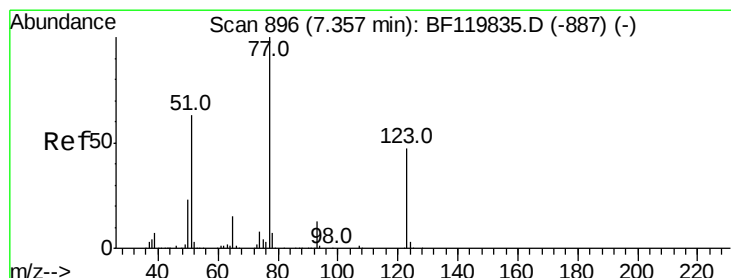
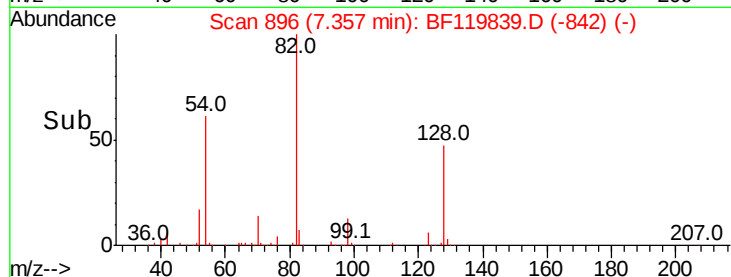
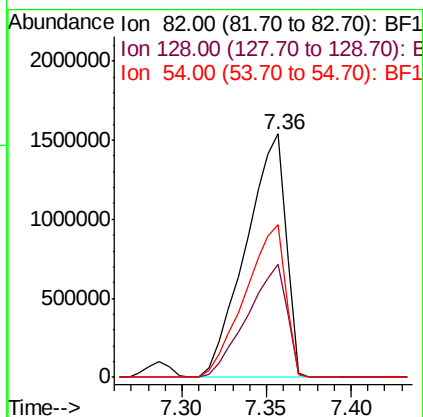
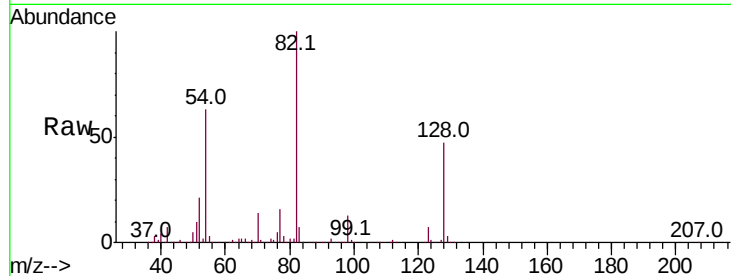




#23
 Nitrobenzene-d5
 Concen: 191.610 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.02 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

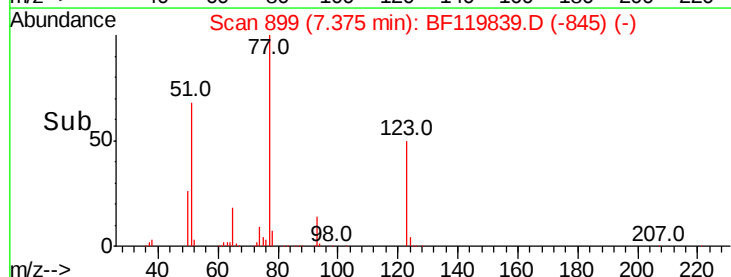
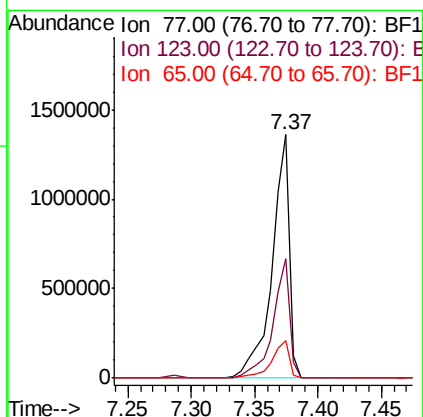
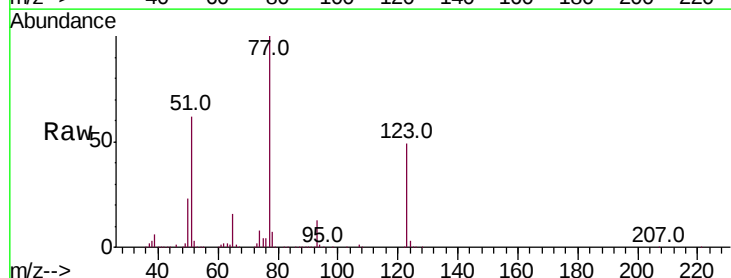
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 2530120
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.2 54.4
 54 62.9 50.4 75.6



#24
 Nitrobenzene
 Concen: 89.663 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.02 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

Tgt Ion: 77 Resp: 1265275
 Ion Ratio Lower Upper
 77 100
 123 49.0 37.8 56.8
 65 15.6 12.2 18.2





#25

Isophorone

Concen: 92.938 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.02 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :

BNA_F

ClientSampleId :

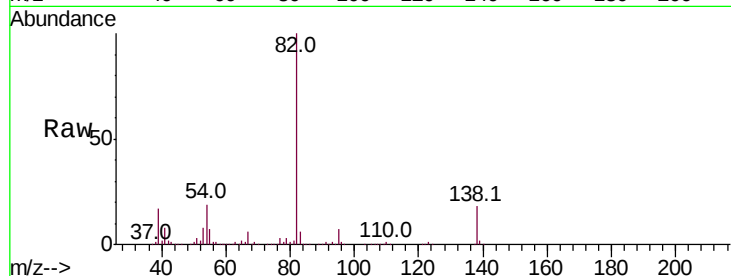
Tot Ion: 82 Resp: 2489427

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

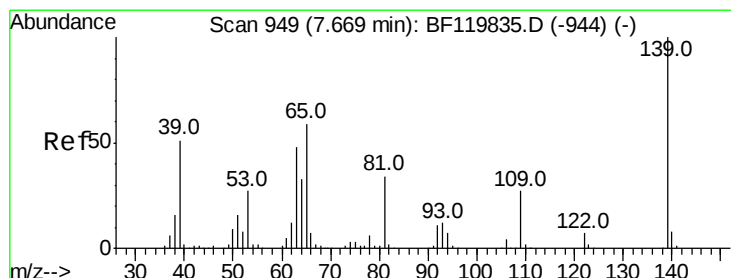
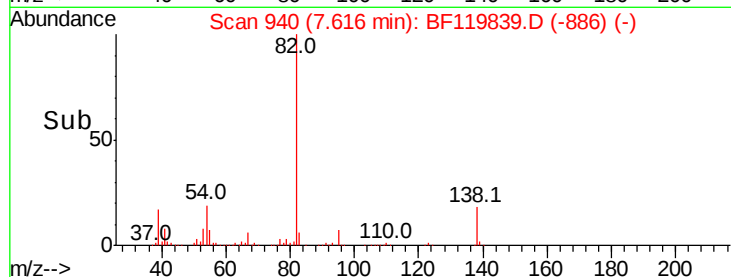
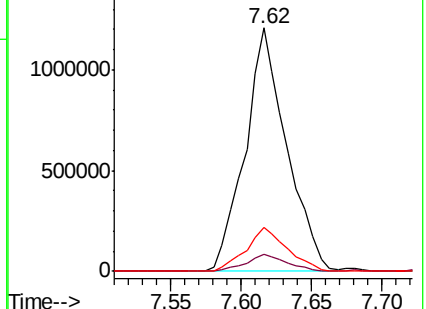
138 17.8 14.5 21.7



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: 116.026 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

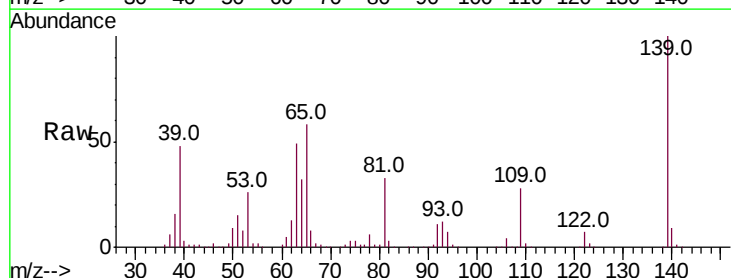
Tgt Ion:139 Resp: 644667

Ion Ratio Lower Upper

139 100

109 28.0 21.8 32.6

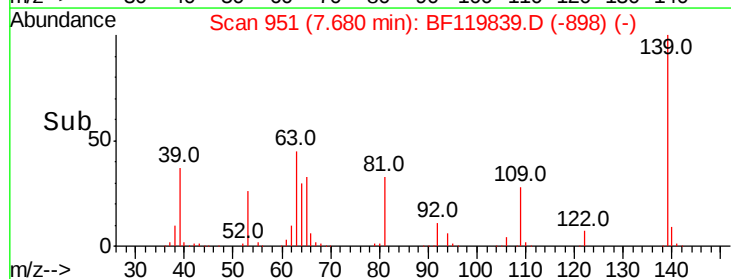
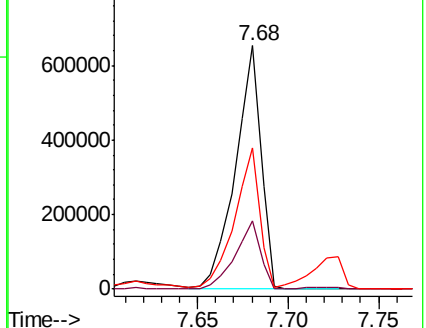
65 58.1 47.0 70.4

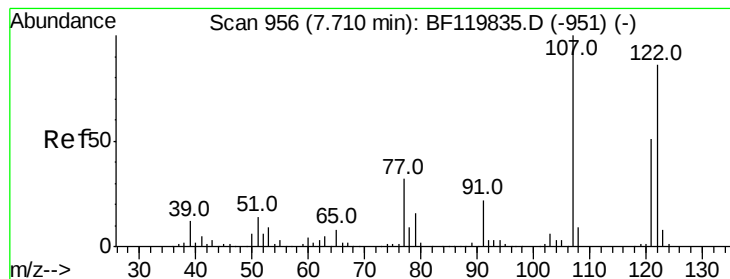


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 84.926 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.02 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :
BNA_F
ClientSampleId :

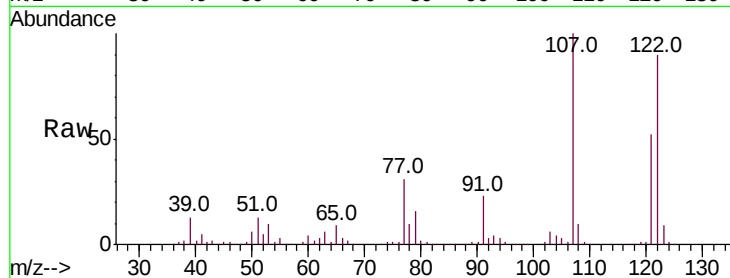
Tot Ion:122 Resp: 975705

Ion Ratio Lower Upper

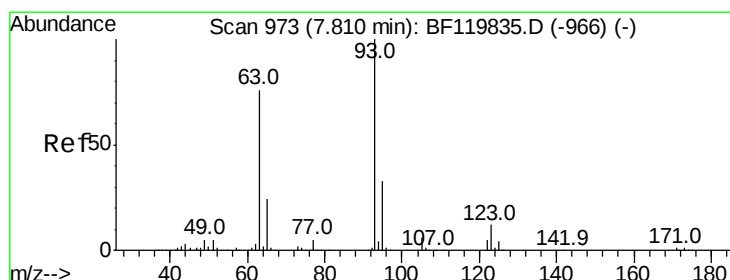
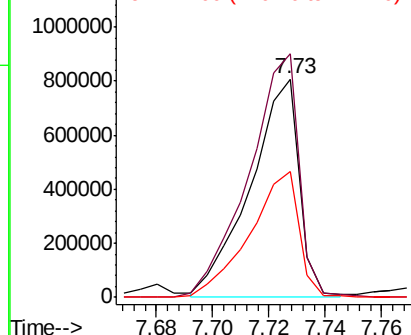
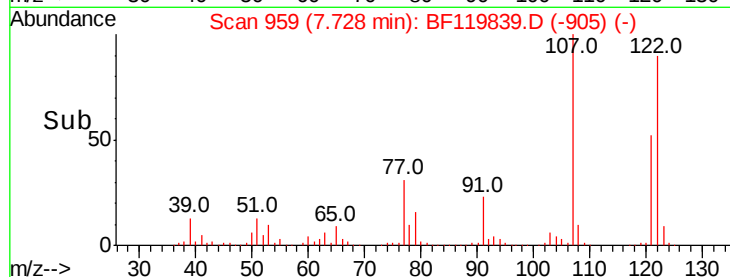
122 100

107 111.6 92.3 138.5

121 57.8 46.6 70.0



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



#28

bis(2-Chloroethoxy)methane

Concen: 92.480 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

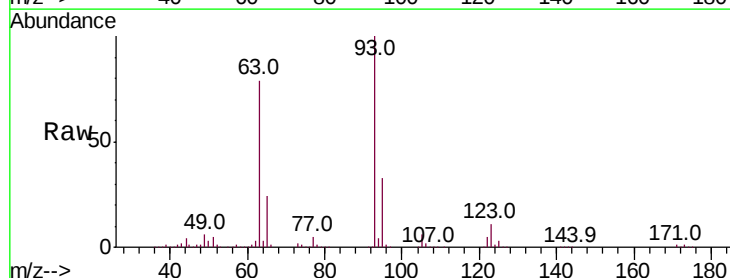
Tgt Ion: 93 Resp: 1464818

Ion Ratio Lower Upper

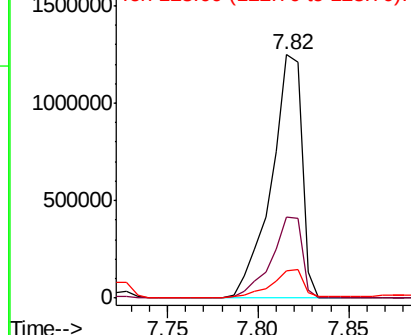
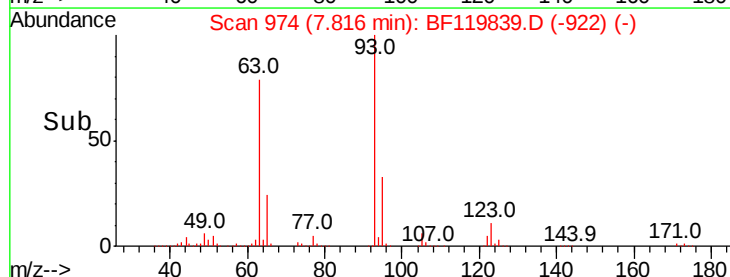
93 100

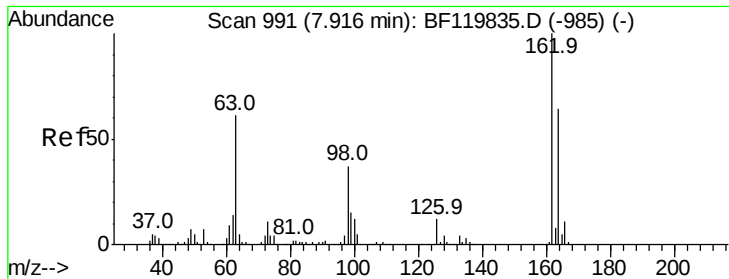
95 33.5 26.4 39.6

123 11.5 9.7 14.5



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

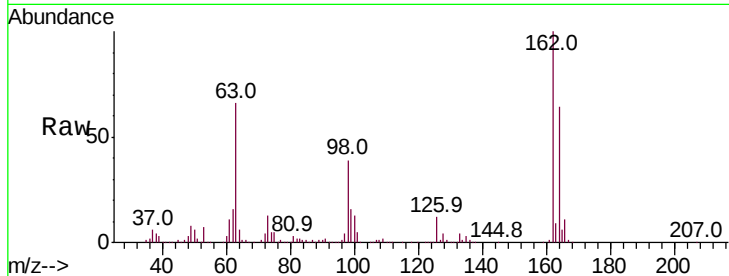




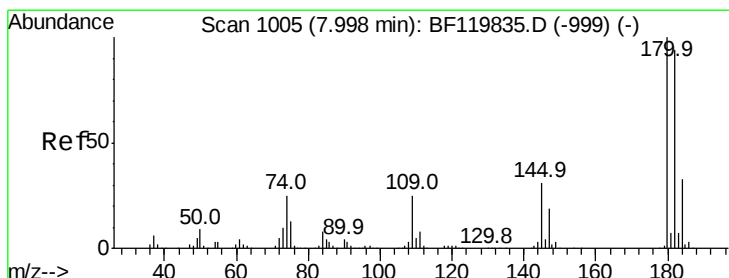
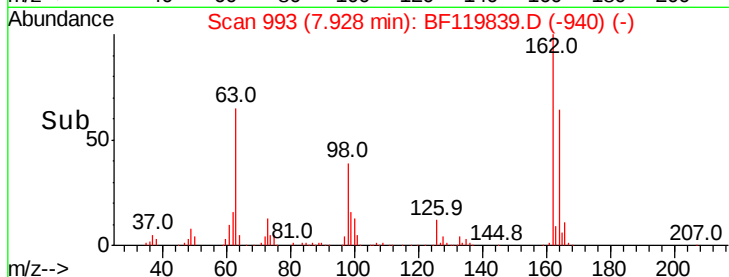
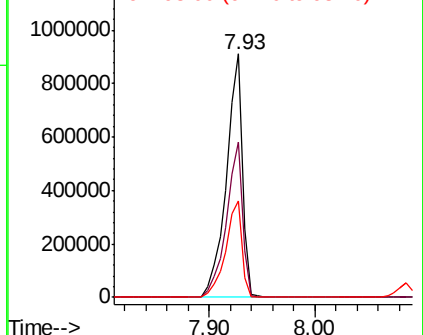
#29
 2,4-Dichlorophenol
 Concen: 90.766 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 958166
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.4 84.4
 98 39.4 17.3 57.3

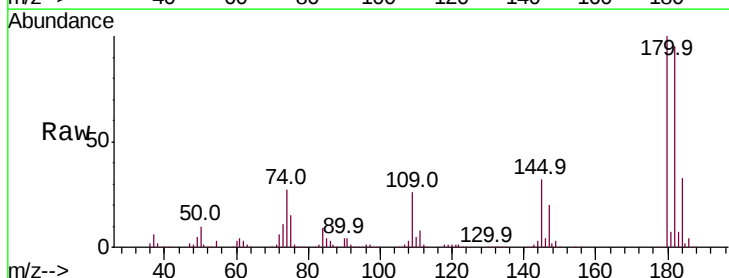


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

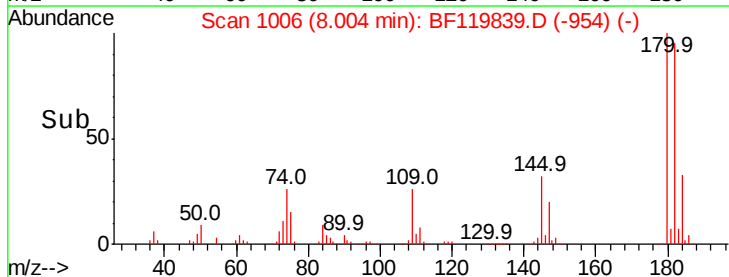
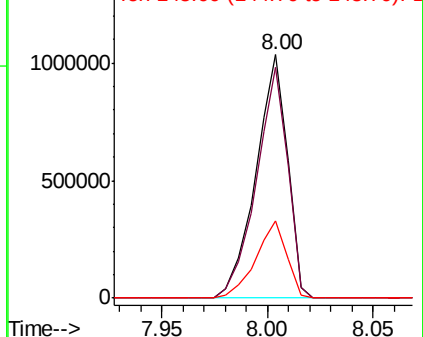


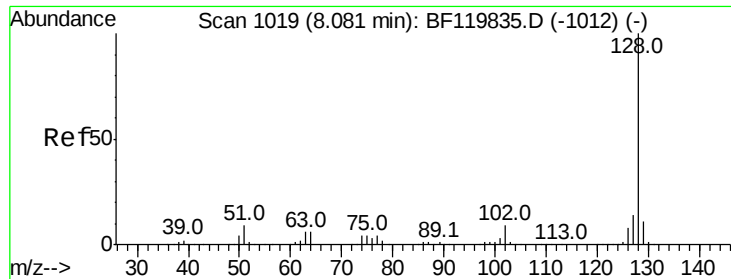
#30
 1,2,4-Trichlorobenzene
 Concen: 92.061 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

Tgt Ion:180 Resp: 1074760
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.4 113.0
 145 31.9 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

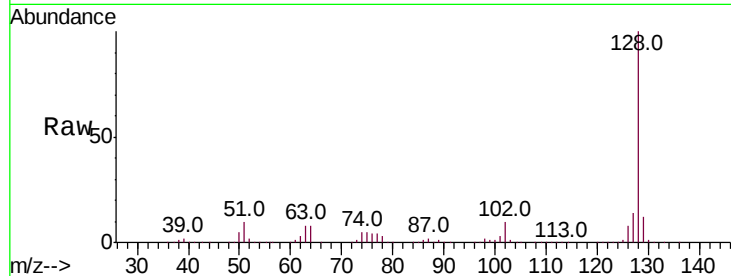




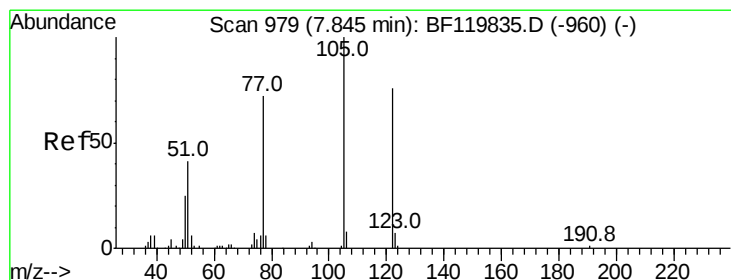
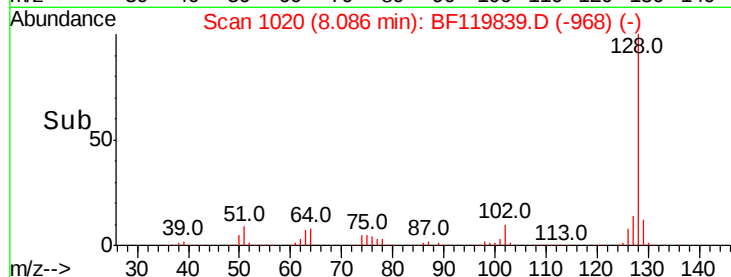
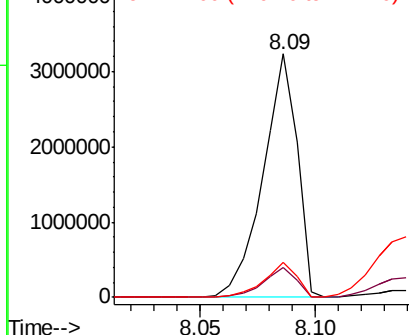
#31
Naphthalene
Concen: 89.640 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 3310432
Ion Ratio Lower Upper
128 100
129 12.3 9.0 13.6
127 14.5 11.0 16.4

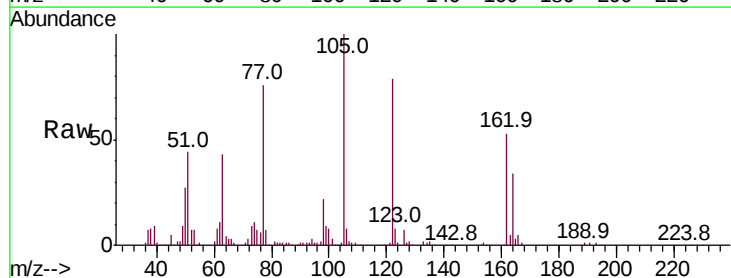


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

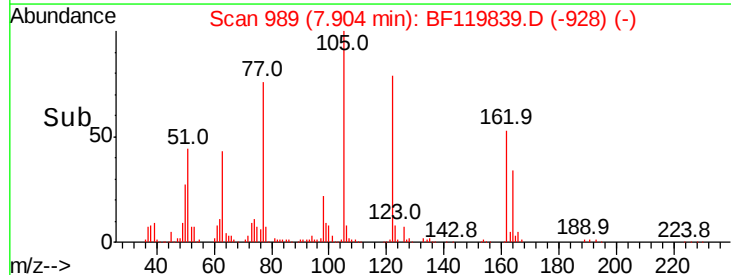
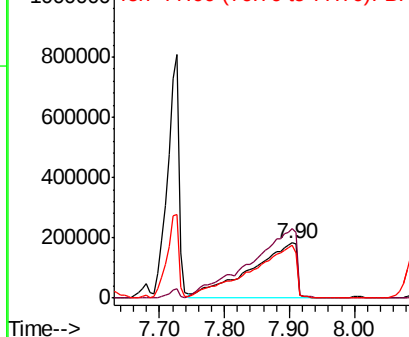


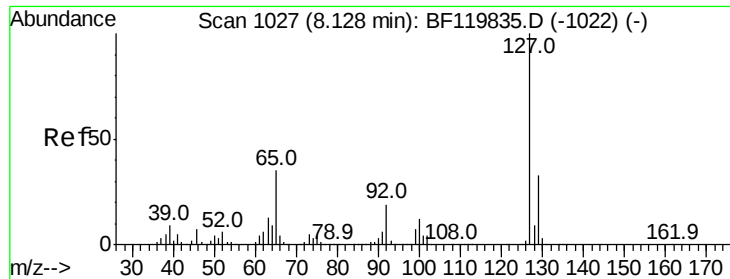
#32
Benzoic acid
Concen: 122.433 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.06 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Tgt Ion:122 Resp: 904819
Ion Ratio Lower Upper
122 100
105 126.9 106.7 146.7
77 96.0 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

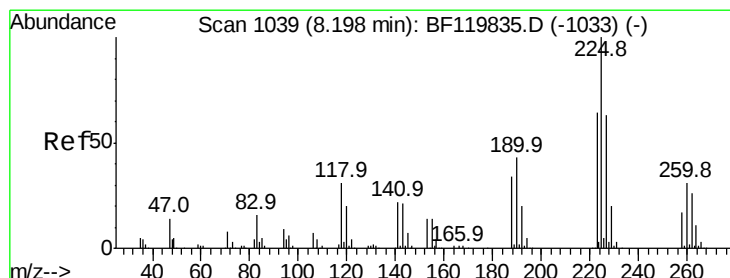
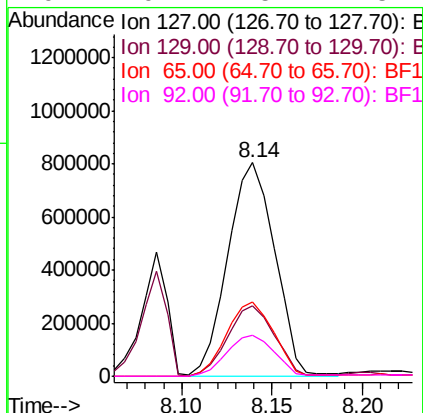
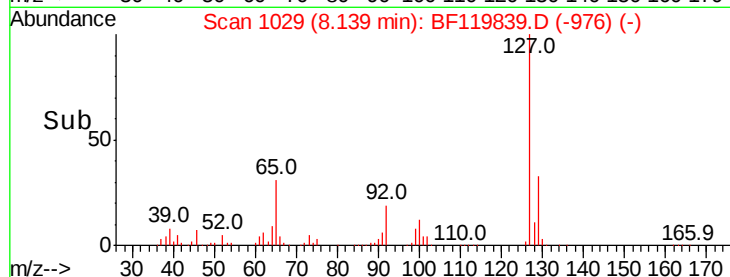
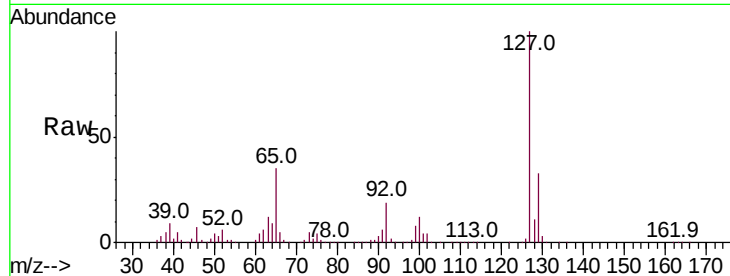




#33
4-Chloroaniline
Concen: 86.108 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

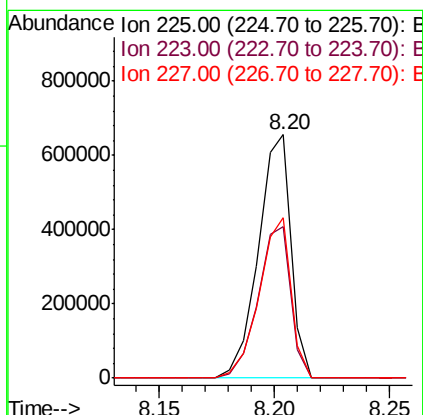
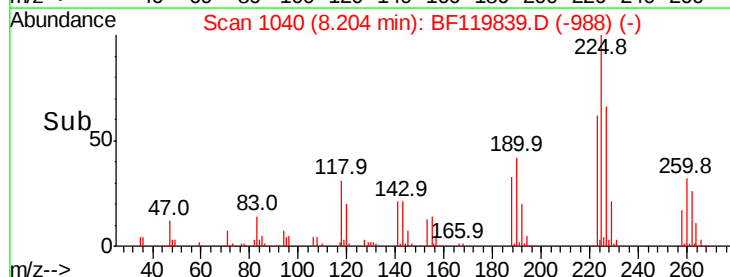
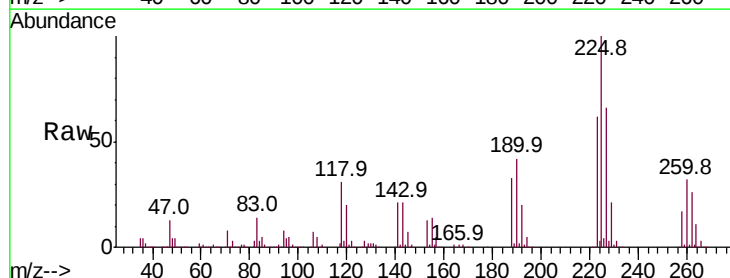
Instrument :
BNA_F
ClientSampleId :

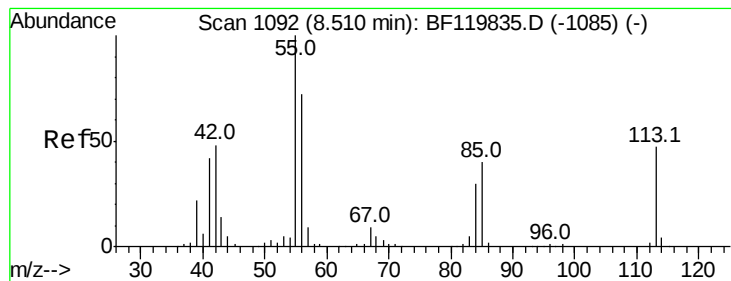
Tot Ion:127 Resp: 1457140
Ion Ratio Lower Upper
127 100
129 33.1 26.2 39.2
65 34.8 28.3 42.5
92 19.4 15.4 23.2



#34
Hexachlorobutadiene
Concen: 98.606 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Tgt Ion:225 Resp: 644087
Ion Ratio Lower Upper
225 100
223 62.4 51.0 76.6
227 65.9 50.4 75.6





#35

Caprolactam

Concen: 74.521 ng

RT: 8.56 min Scan# 1101

Delta R.T. 0.05 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :

BNA_F

ClientSampleId :

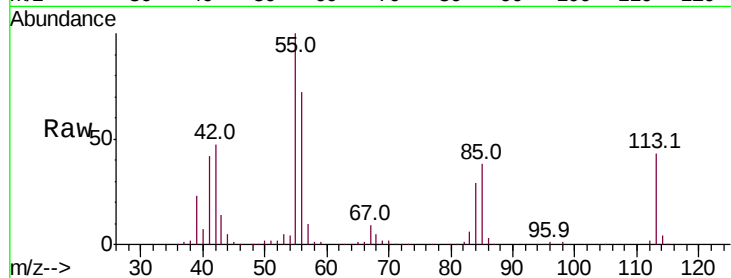
Tot Ion:113 Resp: 257461

Ion Ratio Lower Upper

113 100

55 230.8 192.7 232.7

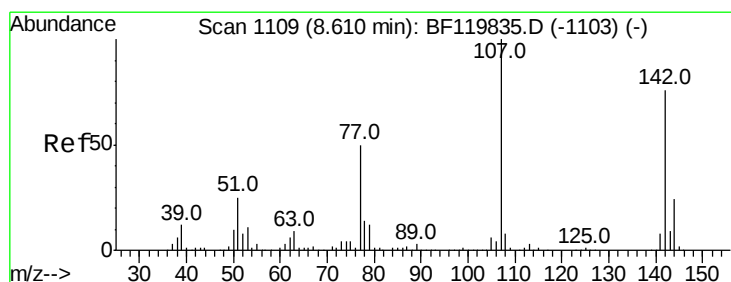
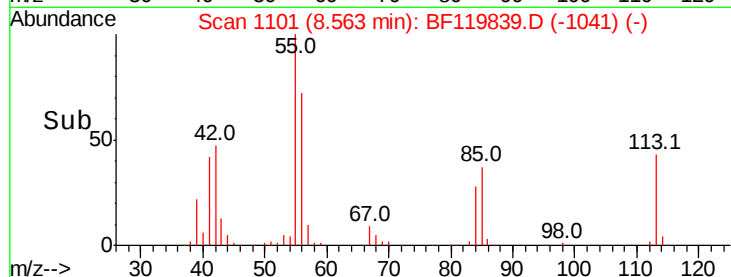
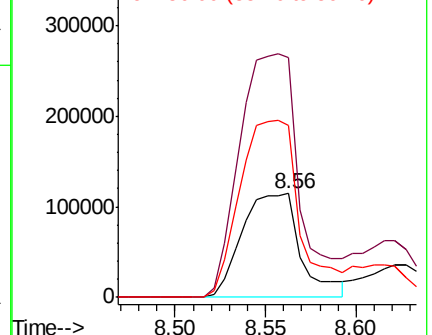
56 166.0 133.3 173.3



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: 94.565 ng

RT: 8.63 min Scan# 1113

Delta R.T. 0.02 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

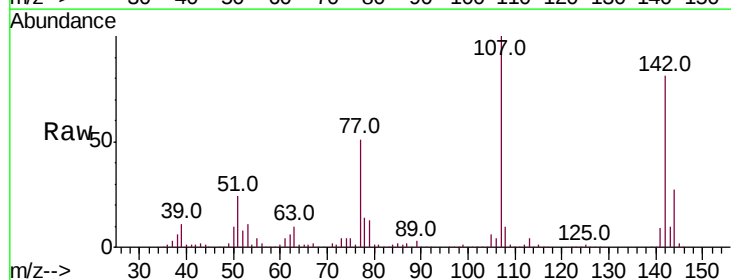
Tgt Ion:107 Resp: 1091069

Ion Ratio Lower Upper

107 100

144 26.9 19.5 29.3

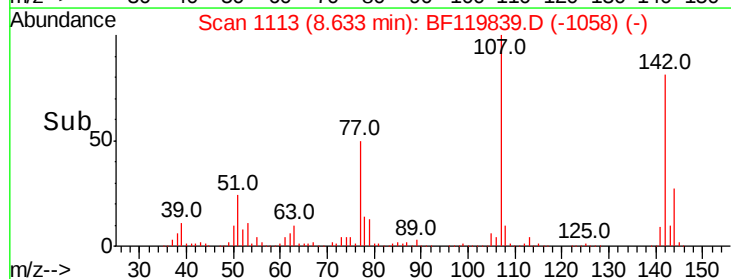
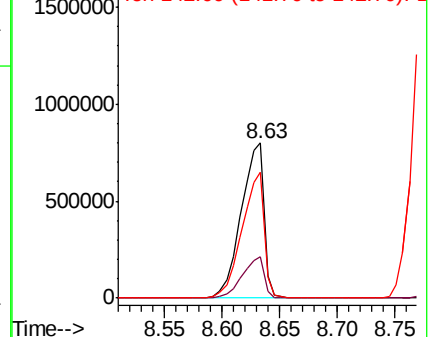
142 81.2 60.5 90.7

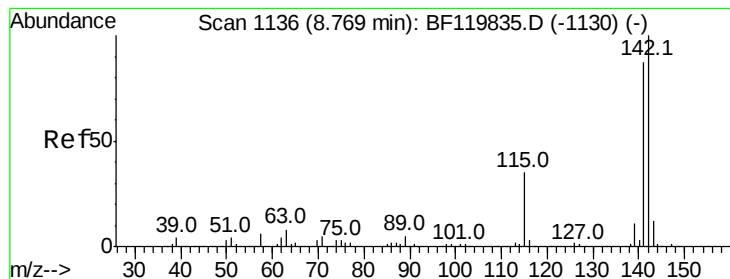


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 94.388 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :

BNA_F

ClientSampled :

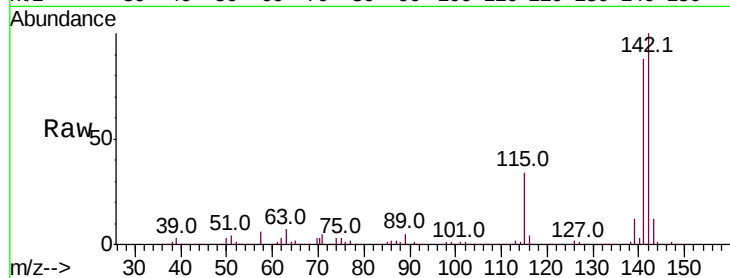
Tot Ion:142 Resp: 2287683

Ion Ratio Lower Upper

142 100

141 88.1 69.9 104.9

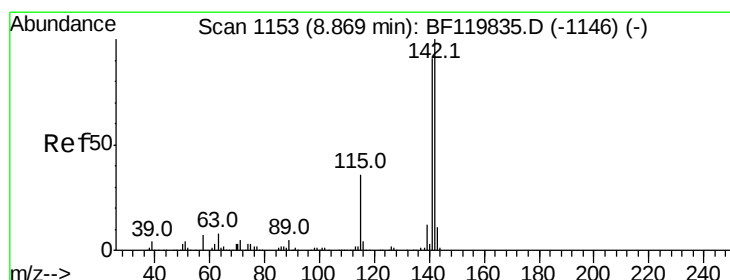
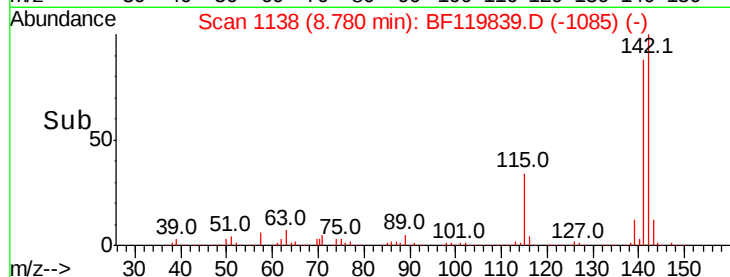
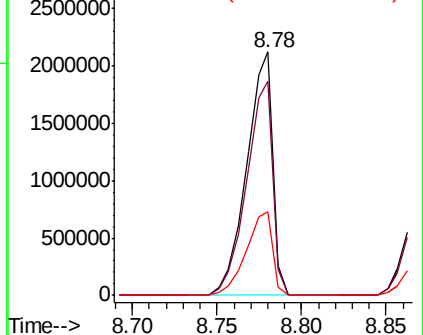
115 34.2 28.0 42.0



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: 92.869 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

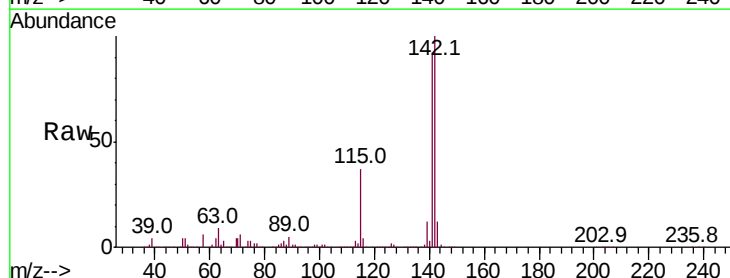
Tgt Ion:142 Resp: 2130484

Ion Ratio Lower Upper

142 100

141 91.5 72.9 109.3

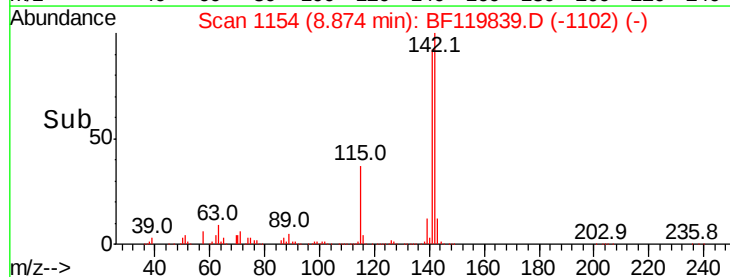
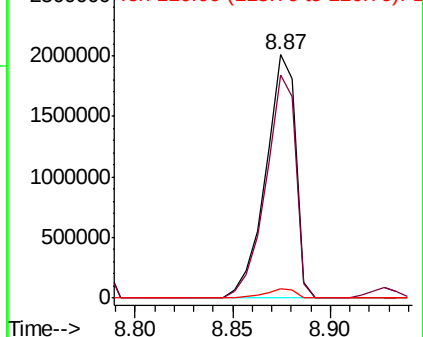
116 4.0 3.0 4.6

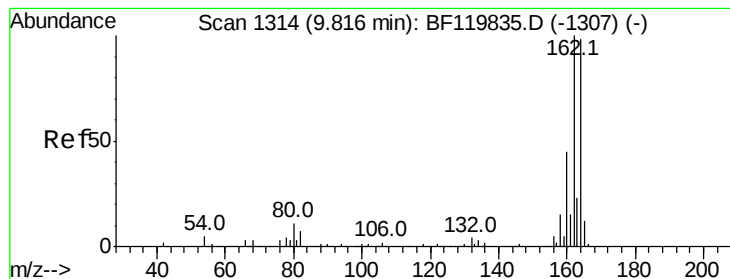


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.82 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :

BNA_F

ClientSampleId :

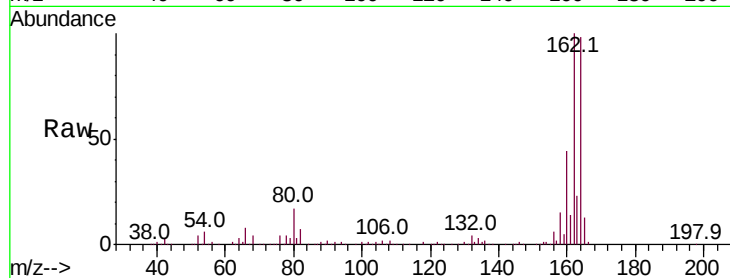
Tot Ion:164 Resp: 413634

Ion Ratio Lower Upper

164 100

162 102.4 81.9 122.9

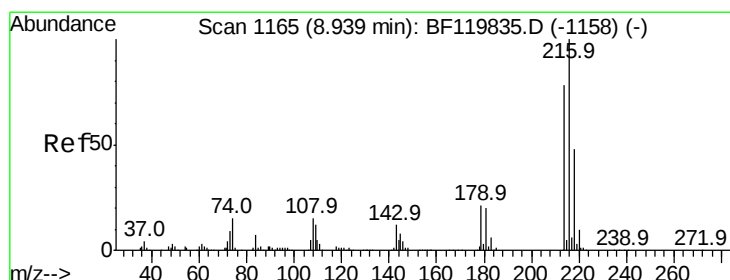
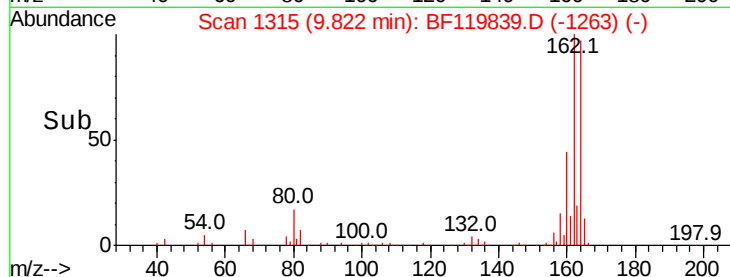
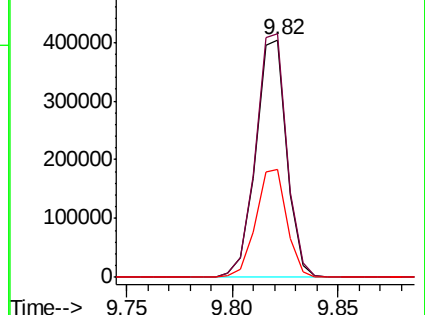
160 45.5 36.6 54.8



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: 83.858 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Tgt Ion:216 Resp: 1016689

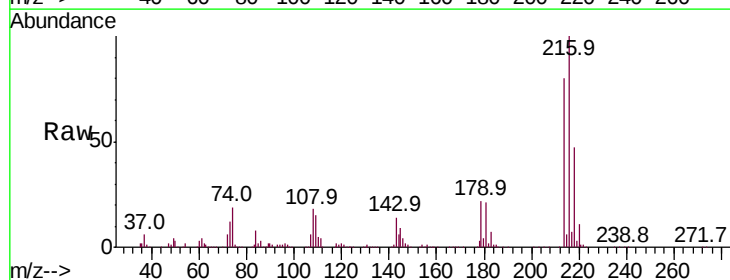
Ion Ratio Lower Upper

216 100

214 79.9 63.1 94.7

179 21.8 17.0 25.4

108 19.5 14.8 22.2

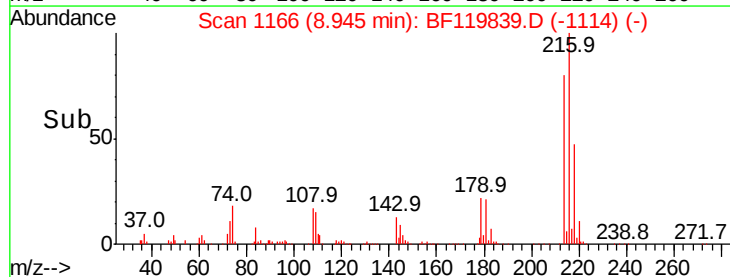
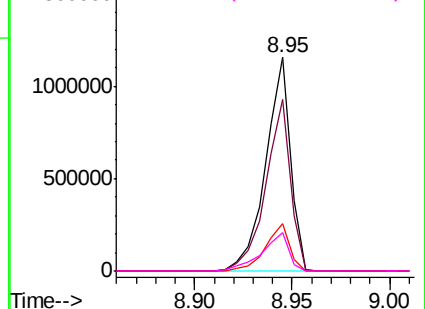


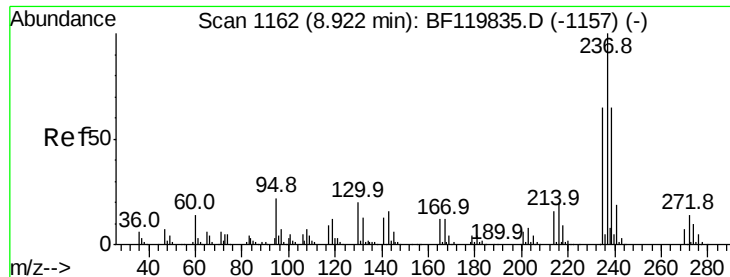
Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.258 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :

BNA_F

ClientSampleId :

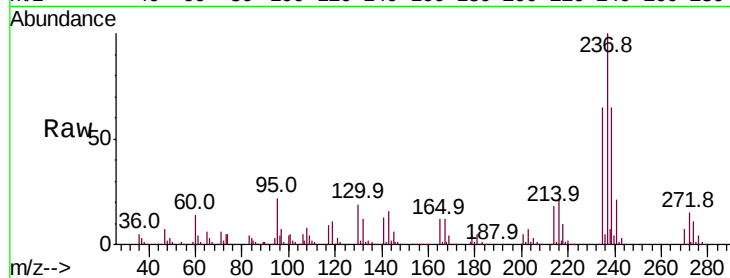
Tot Ion:237 Resp: 642791

Ion Ratio Lower Upper

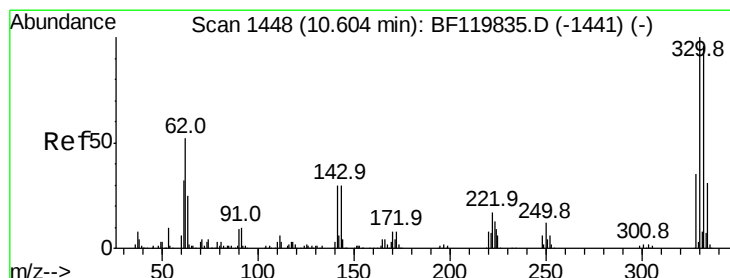
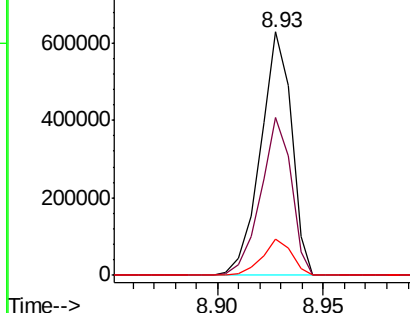
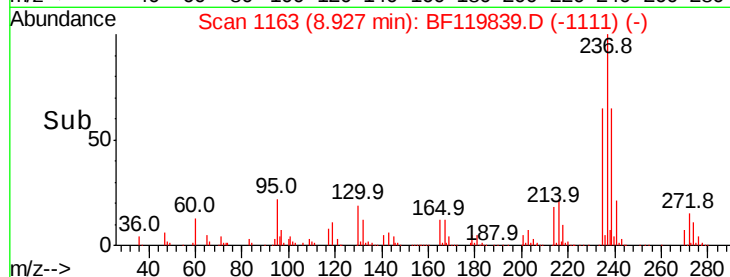
237 100

235 64.9 44.9 84.9

272 14.7 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: 181.356 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

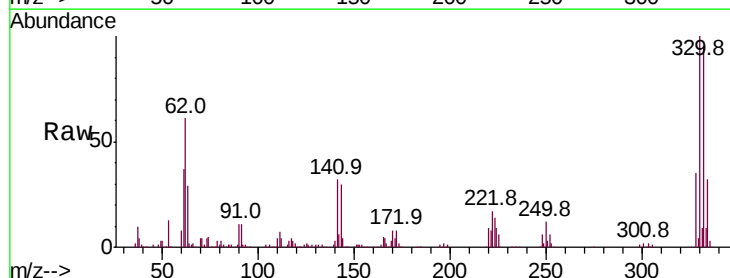
Tgt Ion:330 Resp: 773902

Ion Ratio Lower Upper

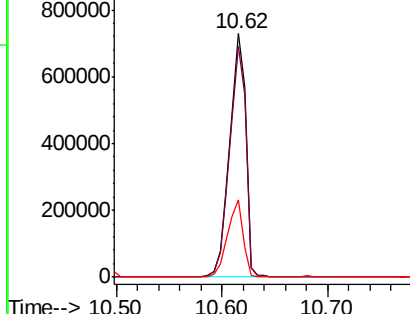
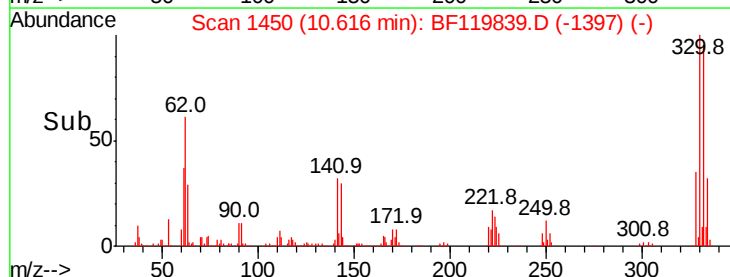
330 100

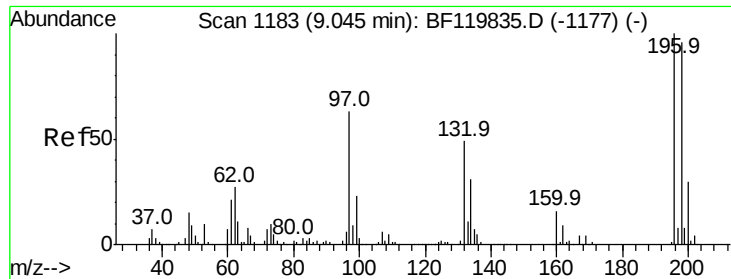
332 95.4 76.8 115.2

141 30.5 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

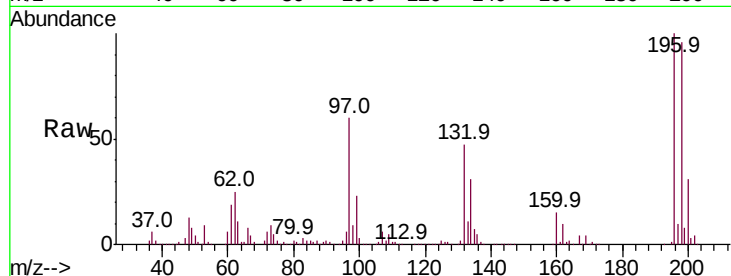




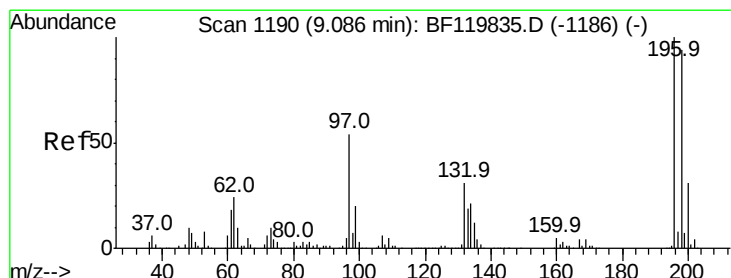
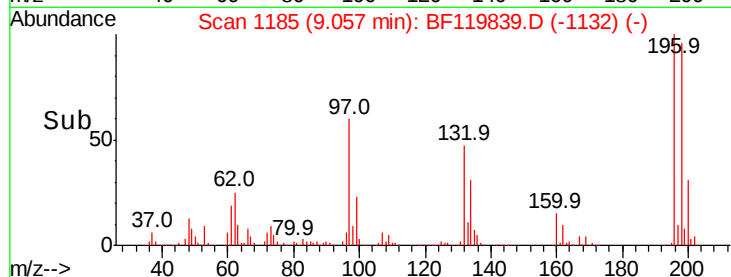
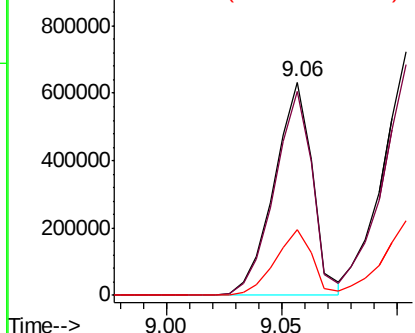
#43
 2,4,6-Trichlorophenol
 Concen: 83.573 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 725089
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.6 115.0
 200 30.7 24.2 36.2

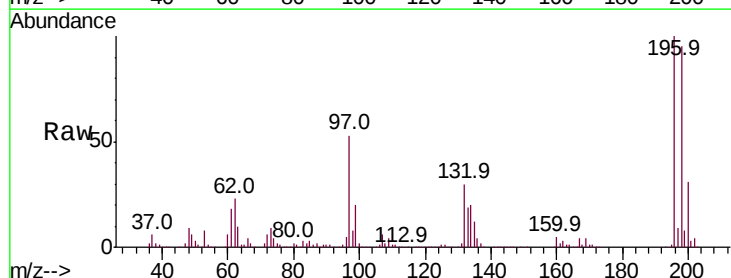


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

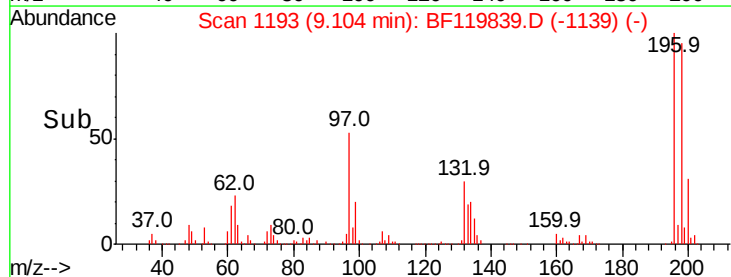
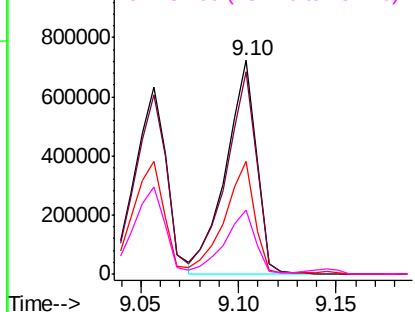


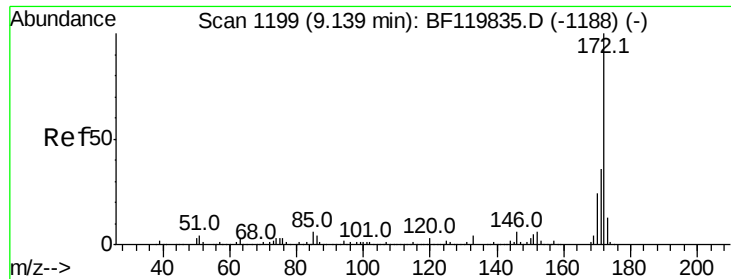
#44
 2,4,5-Trichlorophenol
 Concen: 80.890 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.02 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

Tgt Ion:196 Resp: 786197
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.1 112.7
 97 52.8 43.4 65.2
 132 29.8 24.5 36.7



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

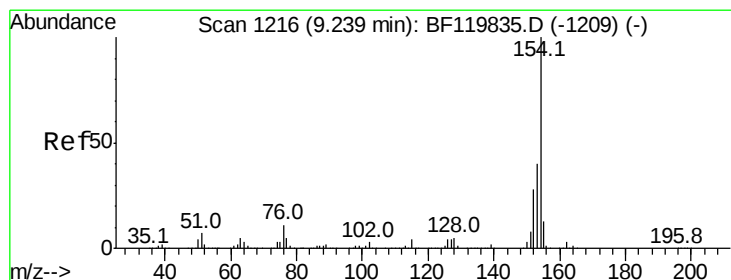
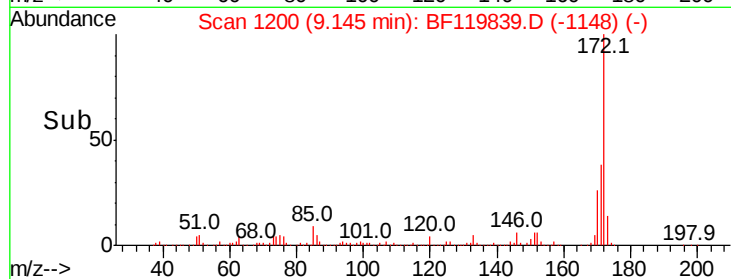
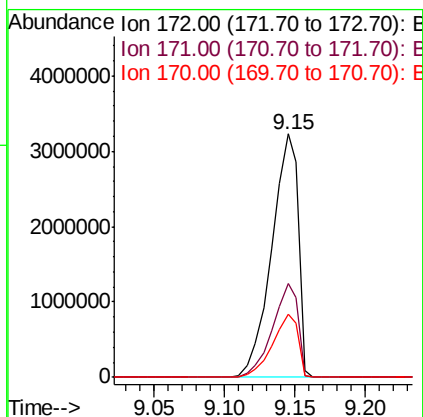
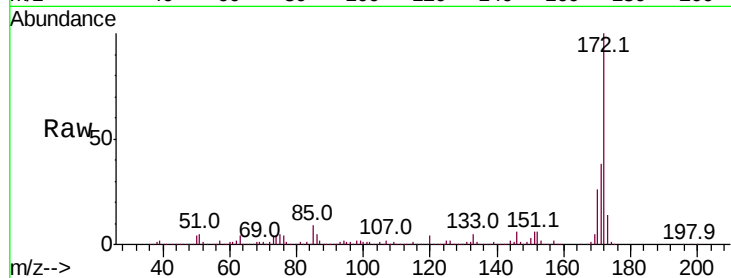




#45
2-Fluorobiphenyl
Concen: 151.709 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

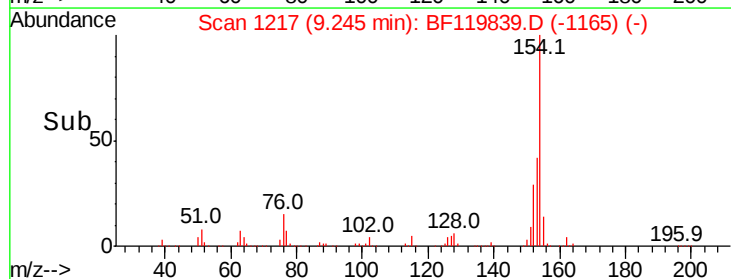
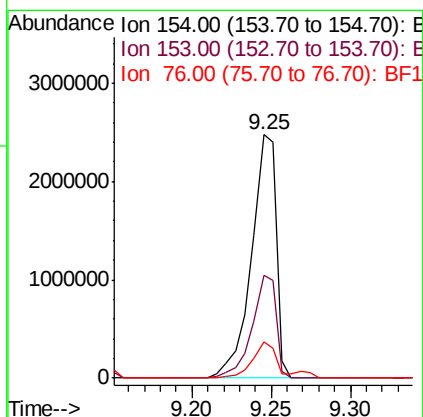
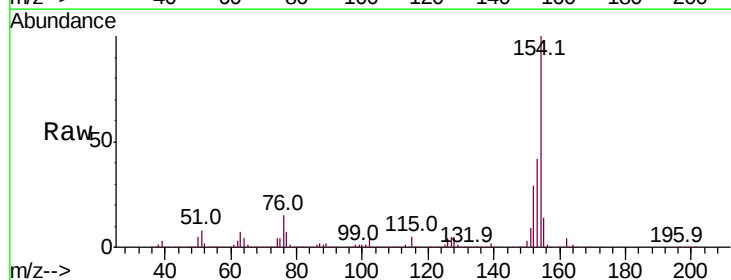
Instrument :
BNA_F
ClientSampleId :

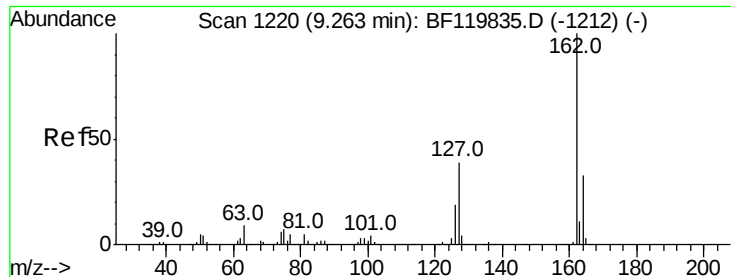
Tot Ion:172 Resp: 4235786
Ion Ratio Lower Upper
172 100
171 38.3 28.9 43.3
170 25.7 19.4 29.2



#46
1,1'-Biphenyl
Concen: 79.801 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Tgt Ion:154 Resp: 2688376
Ion Ratio Lower Upper
154 100
153 42.0 20.5 60.5
76 15.0 0.0 30.6





#47

2-Chloronaphthalene

Concen: 80.641 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :

BNA_F

ClientSampleId :

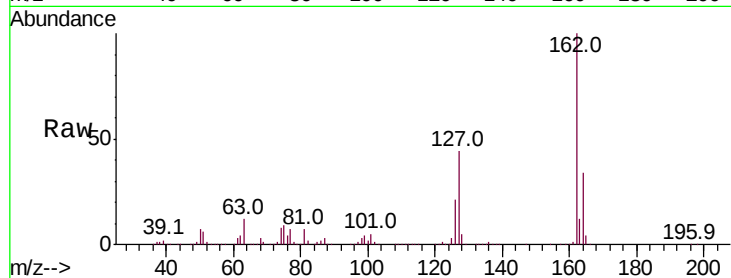
Tot Ion:162 Resp: 2127996

Ion Ratio Lower Upper

162 100

127 43.8 31.2 46.8

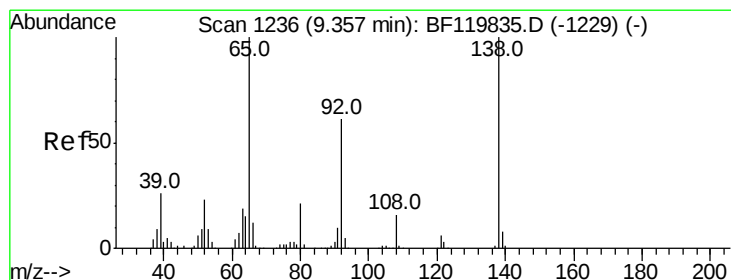
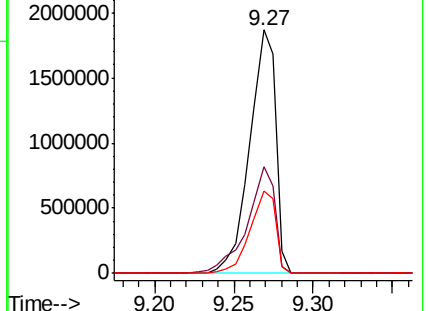
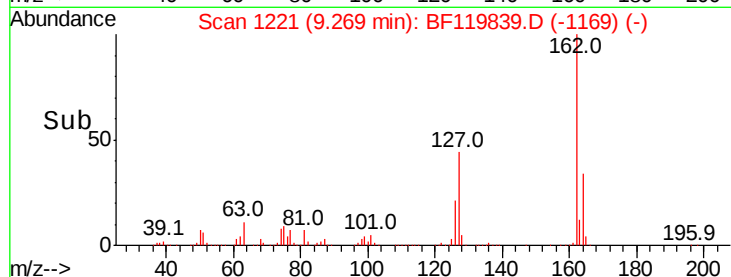
164 33.8 26.3 39.5



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: 85.726 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

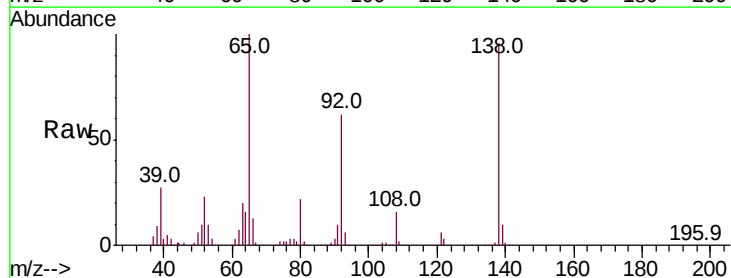
Tgt Ion: 65 Resp: 780820

Ion Ratio Lower Upper

65 100

92 61.6 49.0 73.6

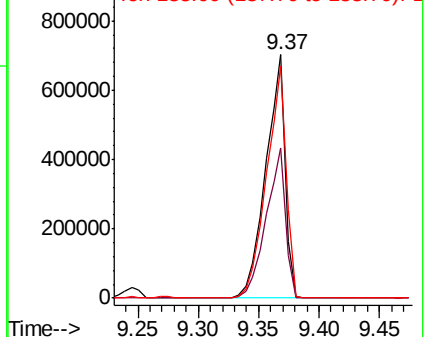
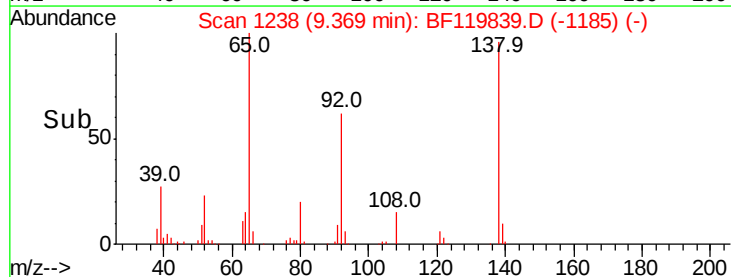
138 95.5 79.7 119.5

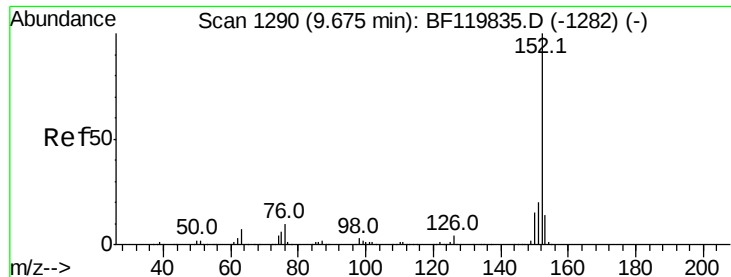


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 73.205 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :

BNA_F

ClientSampleId :

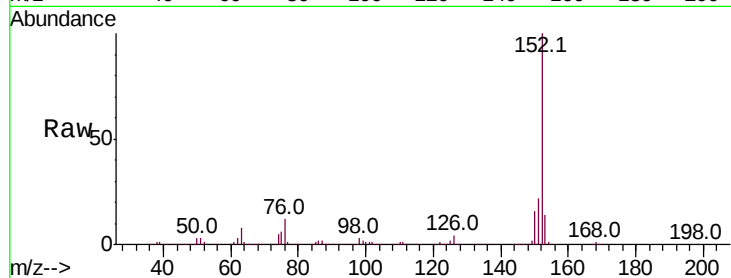
Tot Ion:152 Resp: 3033583

Ion Ratio Lower Upper

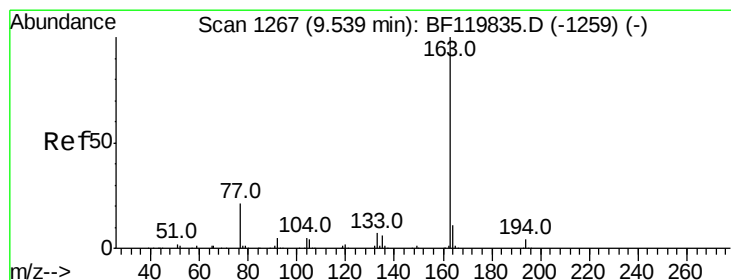
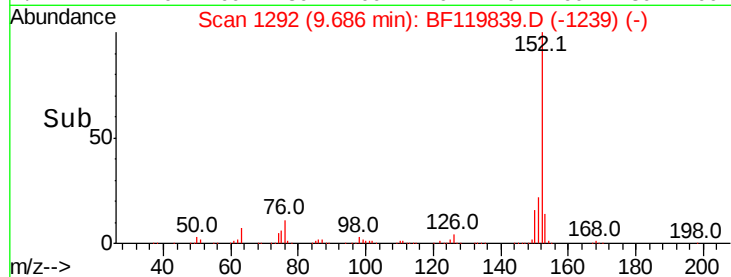
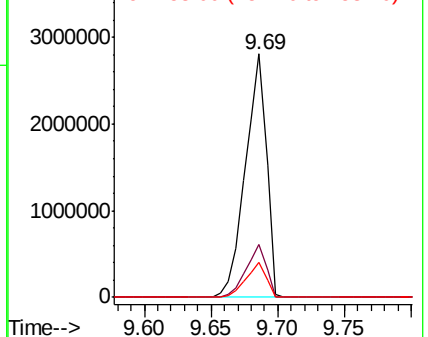
152 100

151 22.0 16.2 24.4

153 14.1 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: 87.773 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.02 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

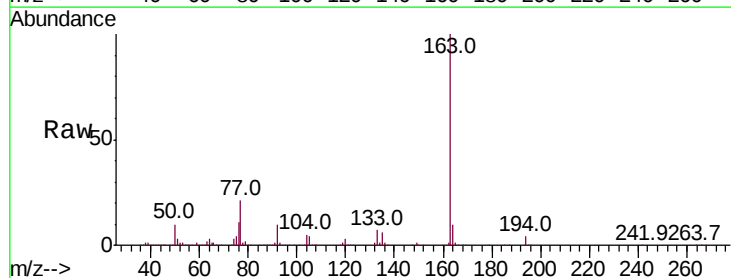
Tgt Ion:163 Resp: 2578815

Ion Ratio Lower Upper

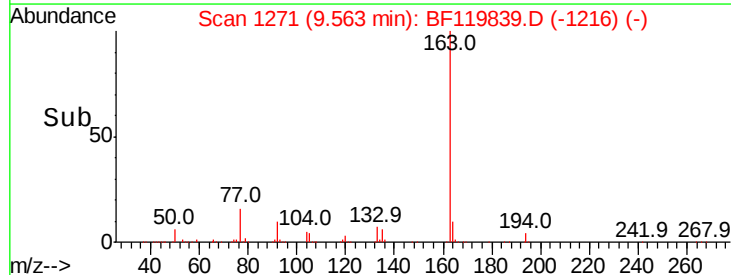
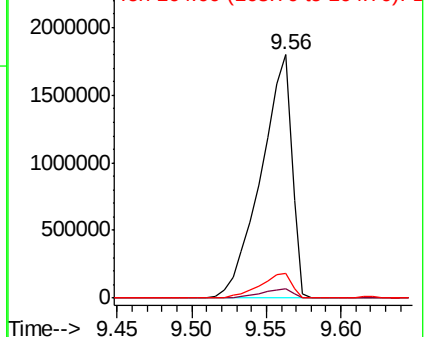
163 100

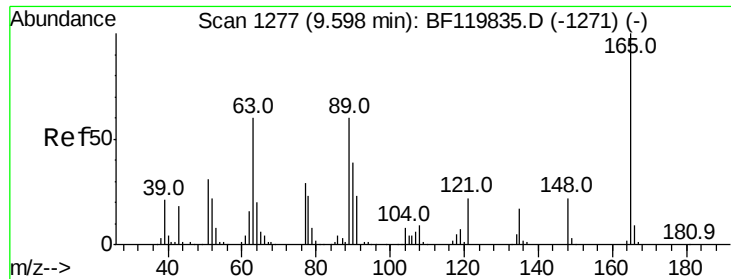
194 4.0 3.0 4.4

164 10.2 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

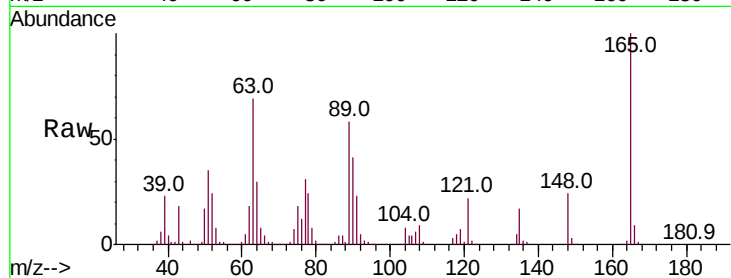




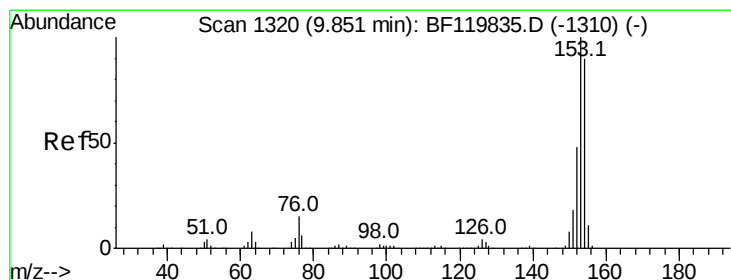
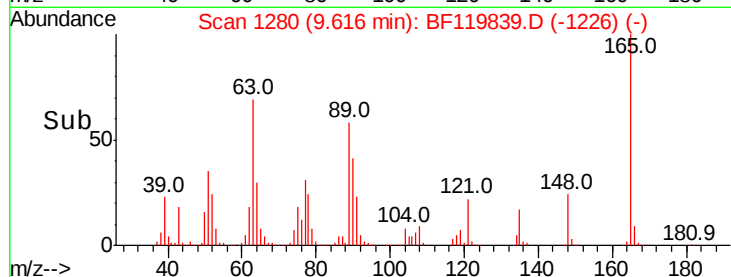
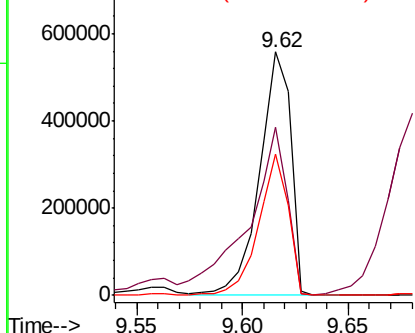
#51
2,6-Dinitrotoluene
Concen: 91.079 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.02 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 573576
Ion Ratio Lower Upper
165 100
63 69.3 55.6 83.4
89 58.0 47.9 71.9

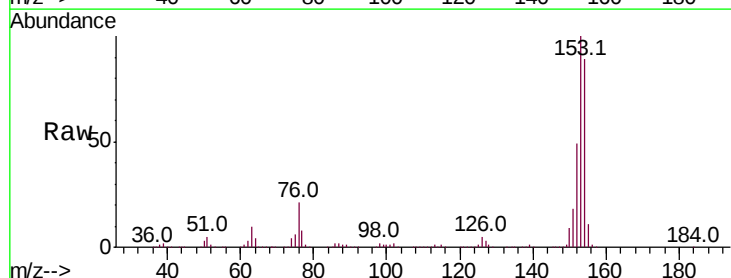


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

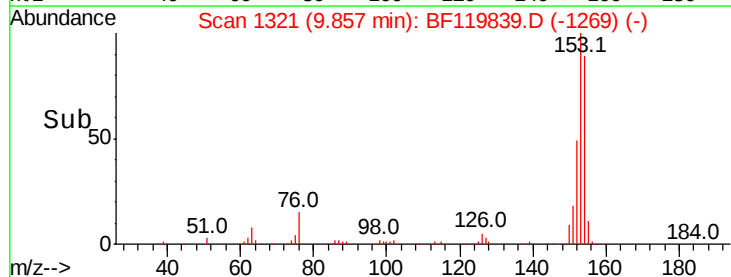
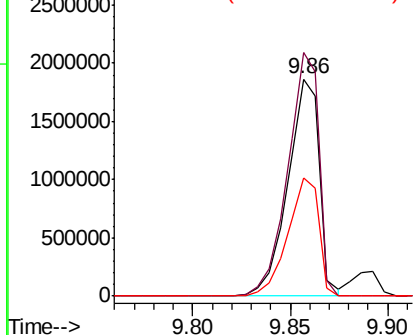


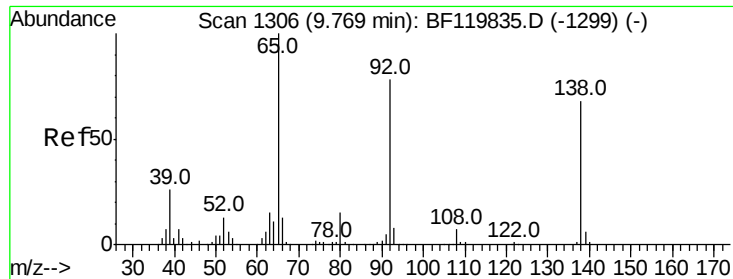
#52
Acenaphthene
Concen: 80.223 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Tgt Ion:154 Resp: 2072472
Ion Ratio Lower Upper
154 100
153 112.3 88.8 133.2
152 54.8 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

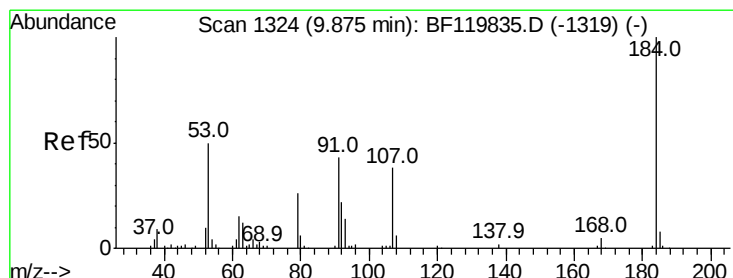
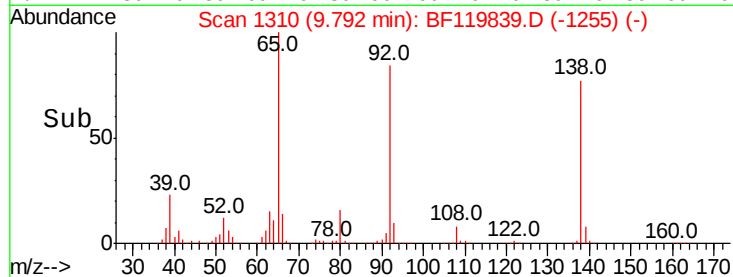
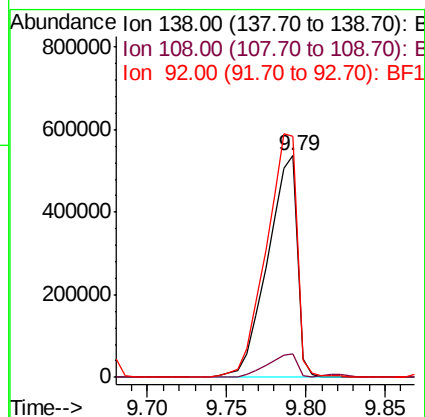
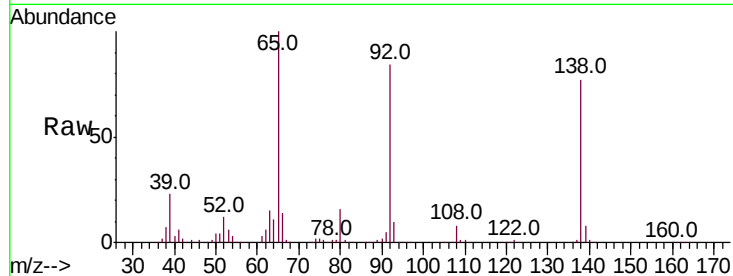




#53
3-Nitroaniline
Concen: 88.337 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.02 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

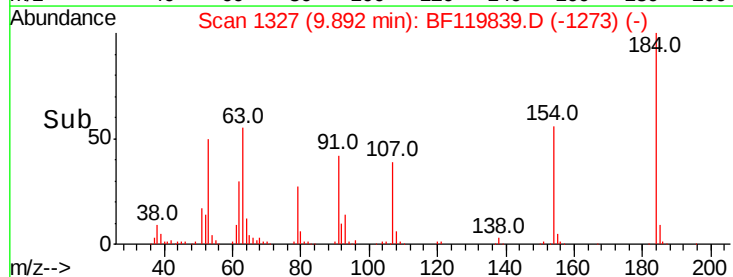
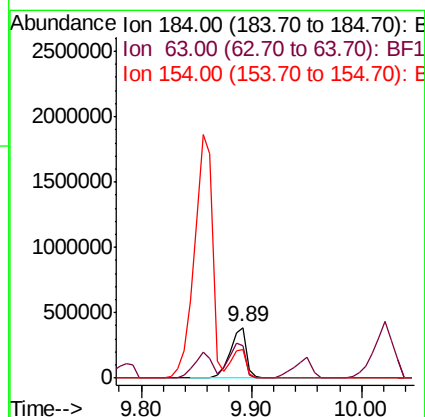
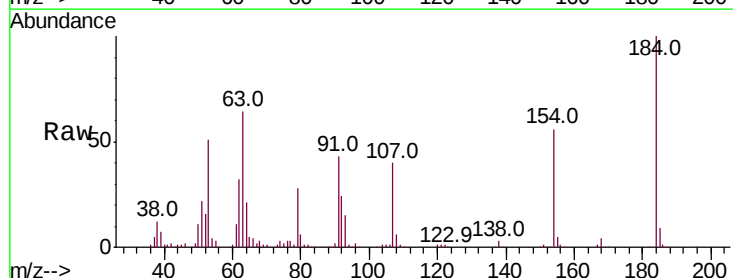
Instrument :
BNA_F
ClientSampleId :

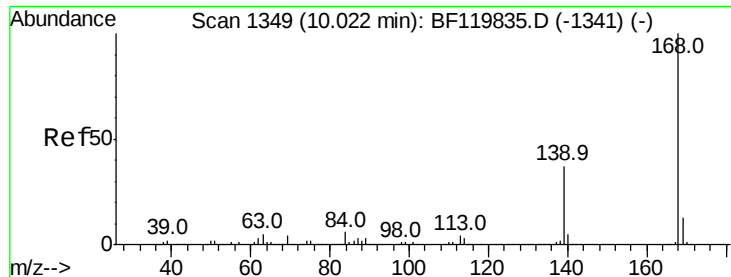
Tot Ion:138 Resp: 702330
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 109.2 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 176.126 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.02 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Tgt Ion:184 Resp: 406615
Ion Ratio Lower Upper
184 100
63 63.8 49.8 74.6
154 56.2 46.5 69.7

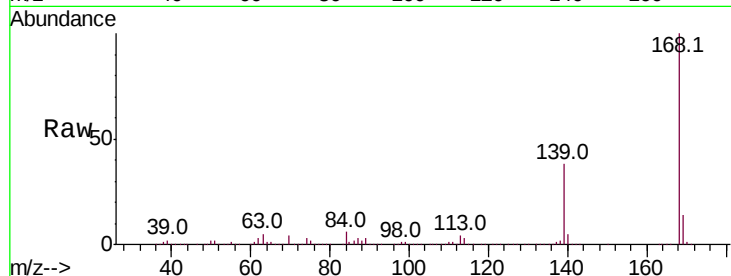




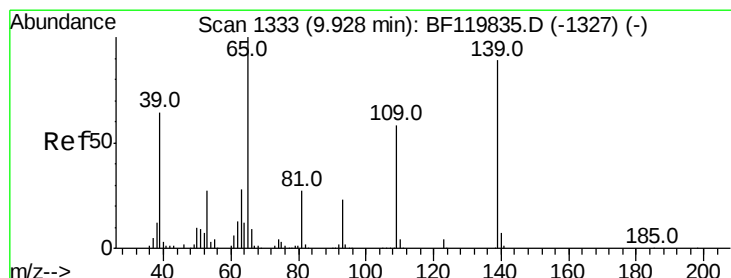
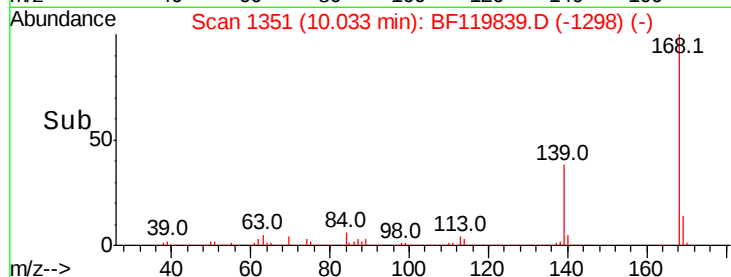
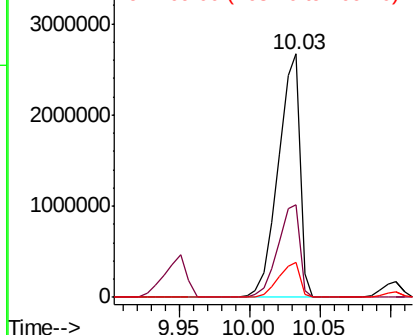
#55
Dibenzofuran
Concen: 77.175 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2858507
Ion Ratio Lower Upper
168 100
139 37.9 29.8 44.6
169 14.1 10.6 15.8

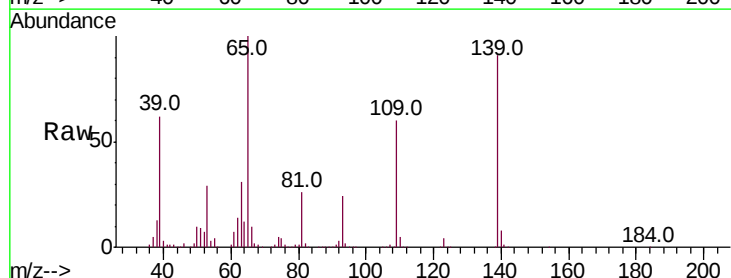


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

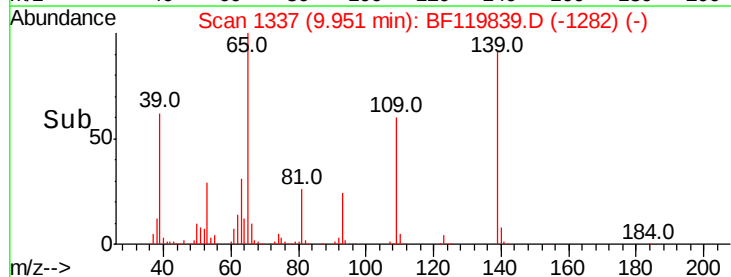
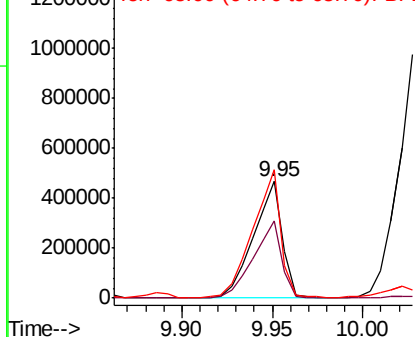


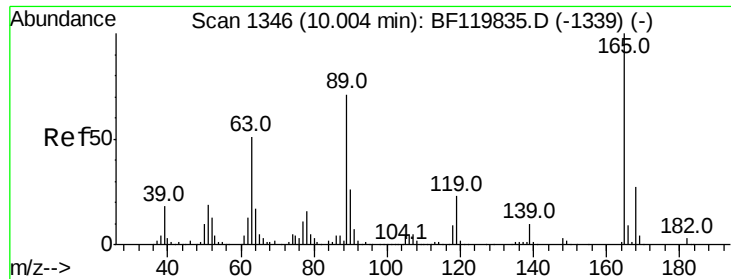
#56
4-Nitrophenol
Concen: 82.863 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Tgt Ion:139 Resp: 519713
Ion Ratio Lower Upper
139 100
109 66.2 45.5 85.5
65 110.2 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

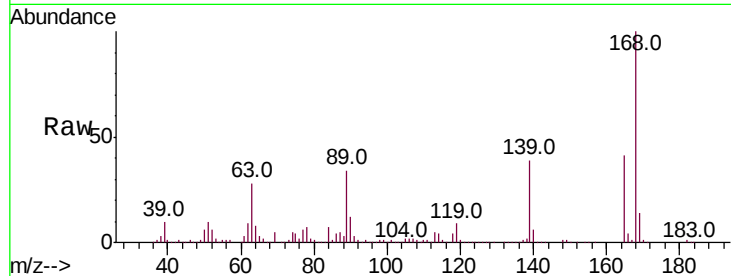




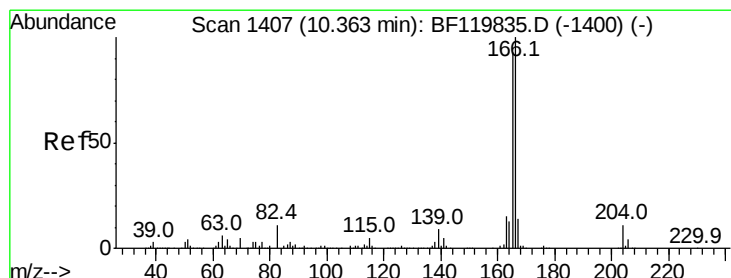
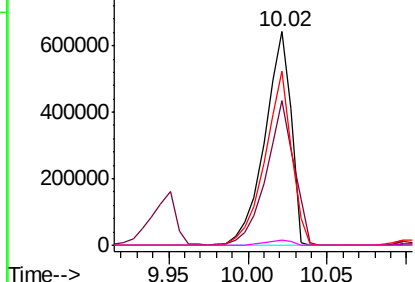
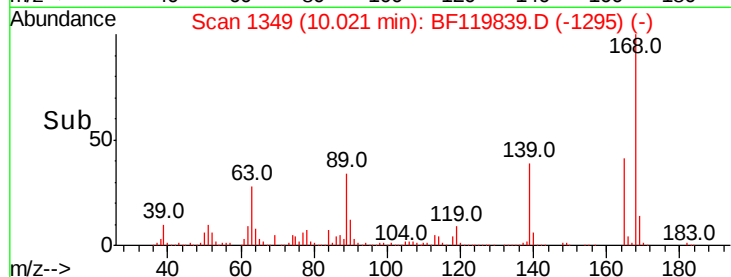
#57
 2,4-Dinitrotoluene
 Concen: 93.473 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.02 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 741544
 Ion Ratio Lower Upper
 165 100
 63 67.6 40.8 61.2#
 89 81.7 56.9 85.3
 182 2.4 2.0 3.0

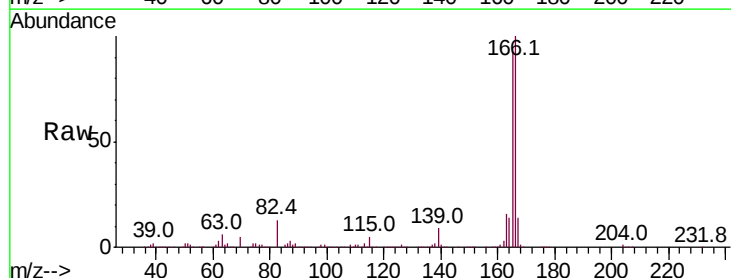


Abundance Ion 165.00 (164.70 to 165.70): E
 1000000 Ion 63.00 (62.70 to 63.70): BF1
 800000 Ion 89.00 (88.70 to 89.70): BF1
 600000 Ion 182.00 (181.70 to 182.70): E
 400000
 200000
 0

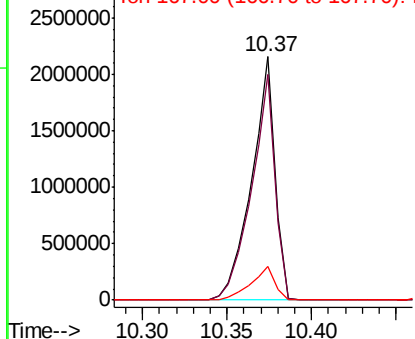
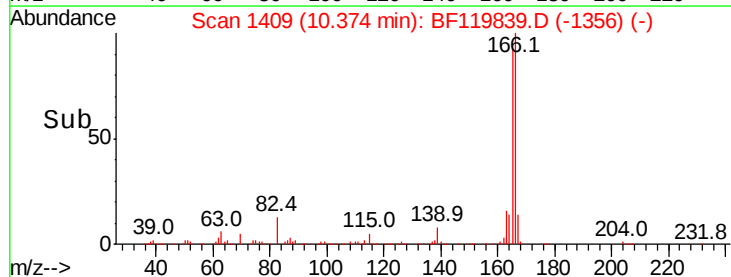


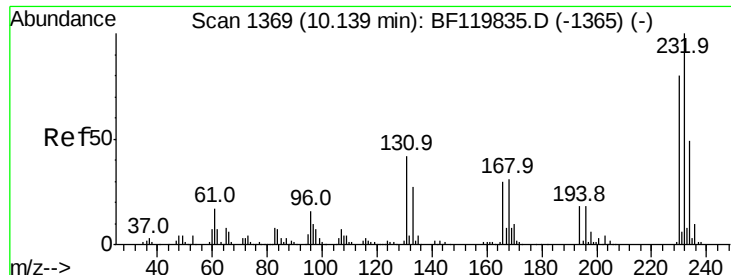
#58
 Fluorene
 Concen: 76.167 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

Tgt Ion:166 Resp: 2086215
 Ion Ratio Lower Upper
 166 100
 165 92.7 74.2 111.2
 167 14.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
 3000000 Ion 165.00 (164.70 to 165.70): E
 2500000 Ion 167.00 (166.70 to 167.70): E
 2000000
 1500000
 1000000
 500000
 0

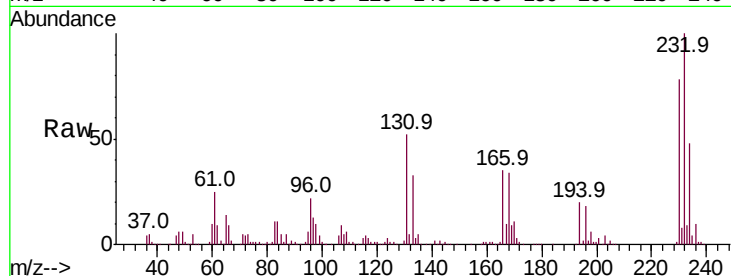




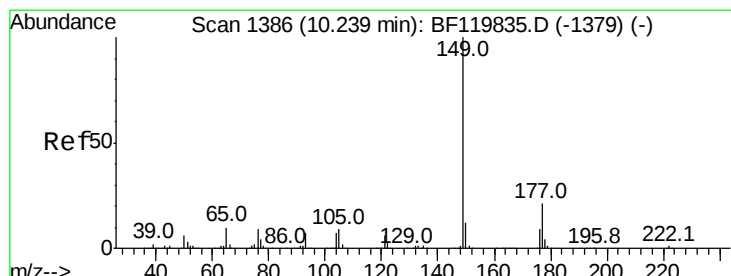
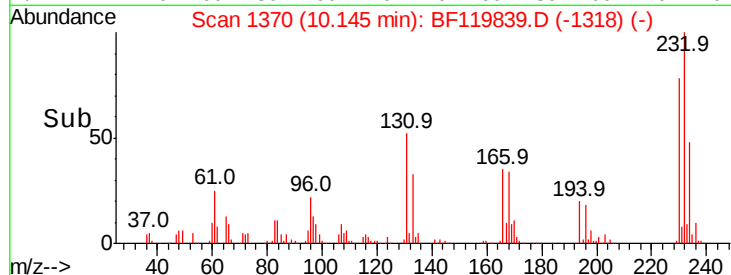
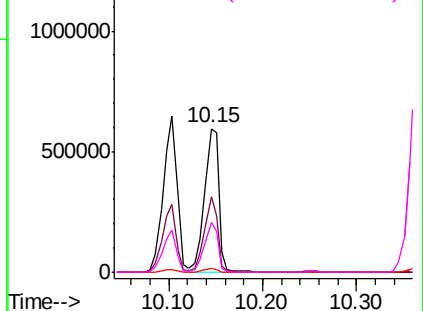
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 88.555 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 643359
 Ion Ratio Lower Upper
 232 100
 131 47.6 37.9 56.9
 130 2.2 1.8 2.6
 166 32.3 25.4 38.0

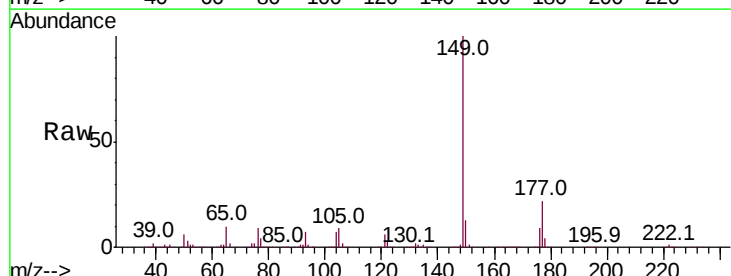


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

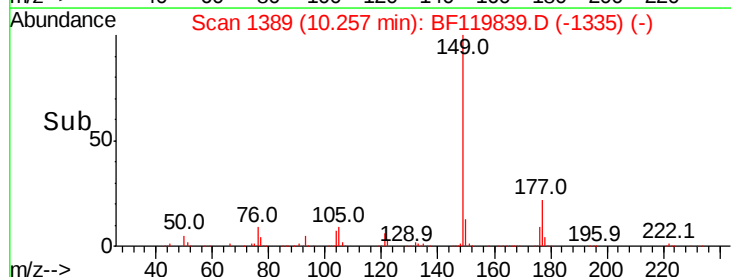
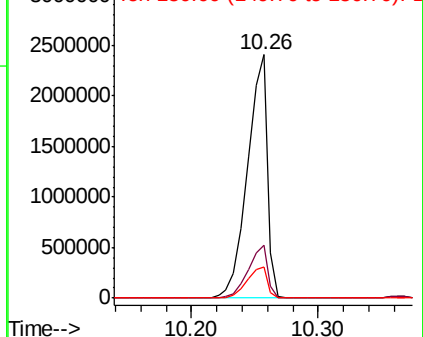


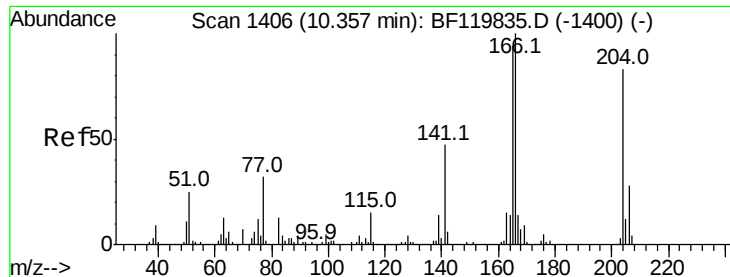
#60
 Diethylphthalate
 Concen: 87.818 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.02 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

Tgt Ion:149 Resp: 2618704
 Ion Ratio Lower Upper
 149 100
 177 21.8 16.8 25.2
 150 13.0 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

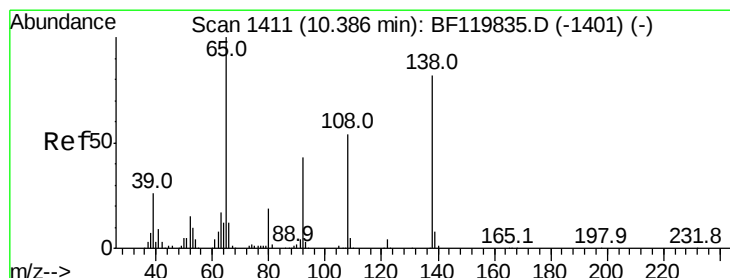
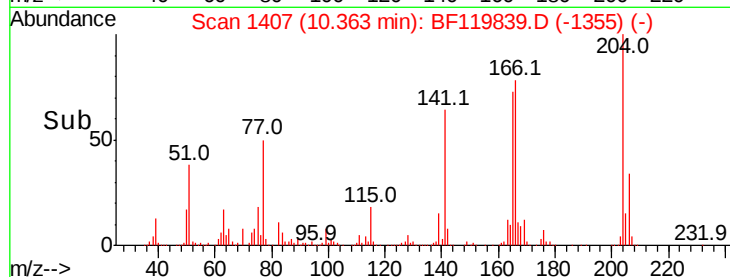
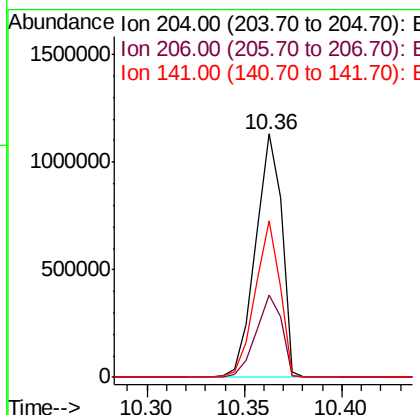
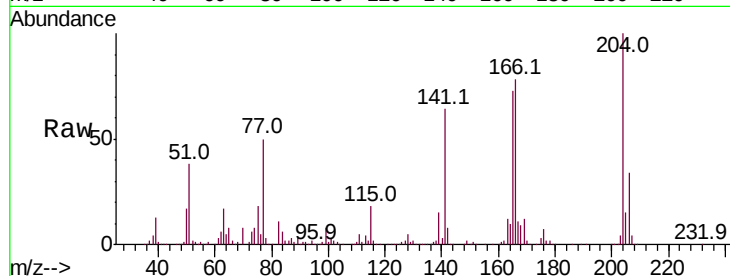




#61
4-Chlorophenyl-phenylether
Concen: 78.619 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

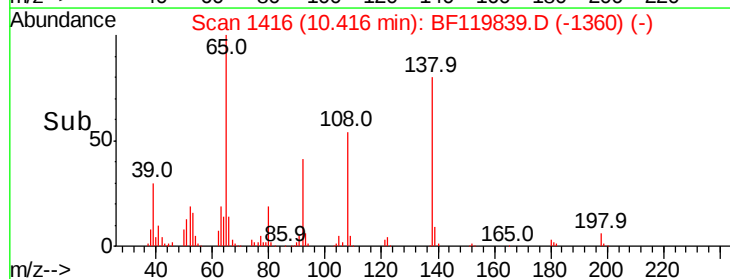
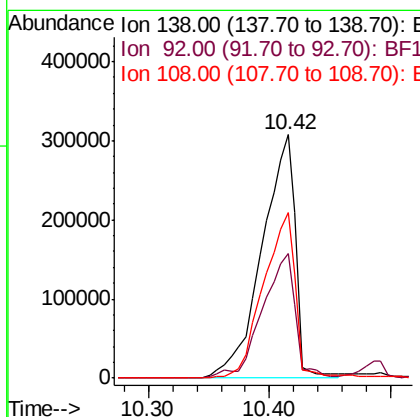
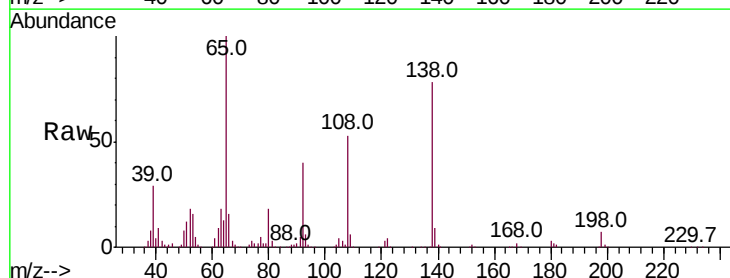
Instrument :
BNA_F
ClientSampled :

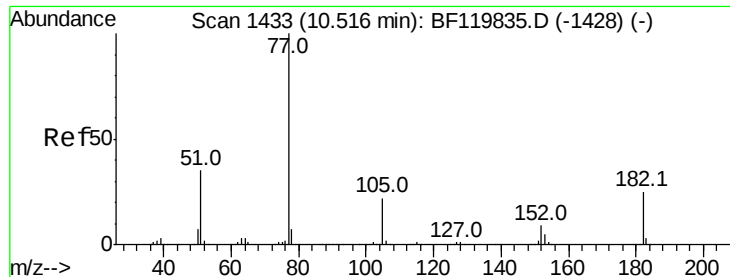
Tot Ion:204 Resp: 1053037
Ion Ratio Lower Upper
204 100
206 33.8 26.7 40.1
141 64.4 45.8 68.8



#62
4-Nitroaniline
Concen: 77.746 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.03 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Tgt Ion:138 Resp: 592739
Ion Ratio Lower Upper
138 100
92 51.2 31.6 71.6
108 68.2 45.2 85.2





#63

Azobenzene

Concen: 76.106 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2285376

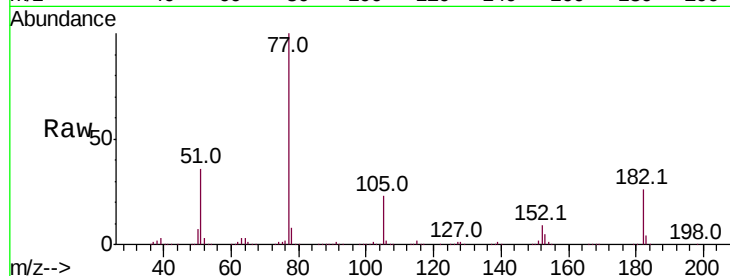
Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.5	44.5
105	23.1	2.2	42.2
51	35.7	15.1	55.1

77 100

182 25.8 4.5 44.5

105 23.1 2.2 42.2

51 35.7 15.1 55.1

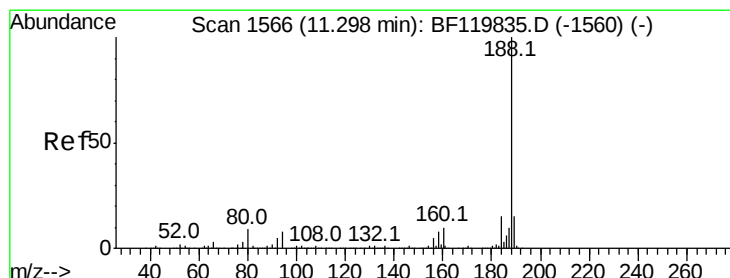
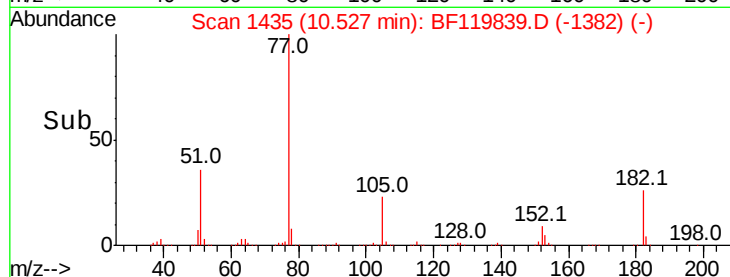
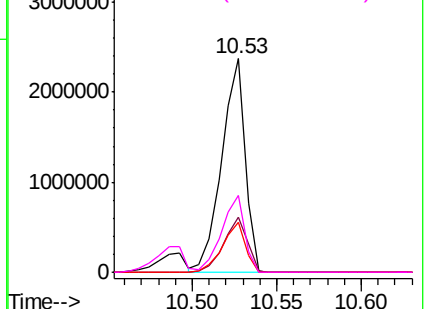


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.30 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

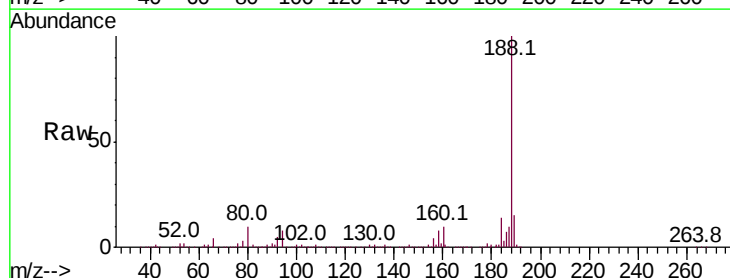
Tgt Ion: 188 Resp: 688765

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.7	7.4	11.2

188 100

94 8.2 6.7 10.1

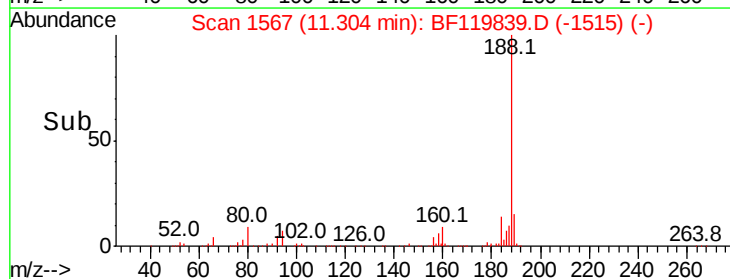
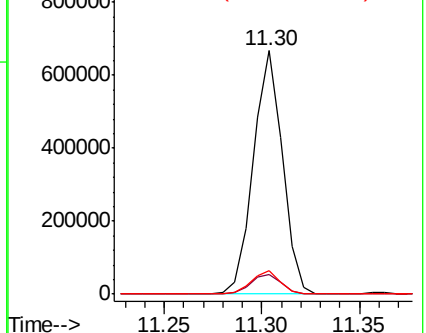
80 9.7 7.4 11.2

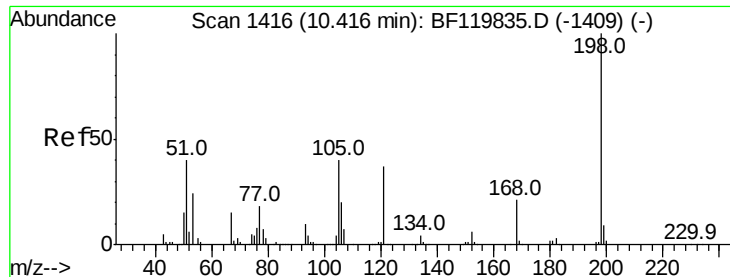


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

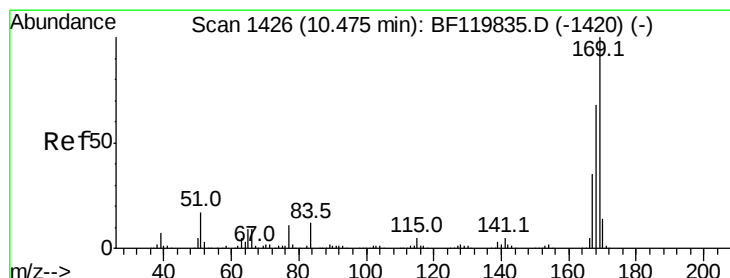
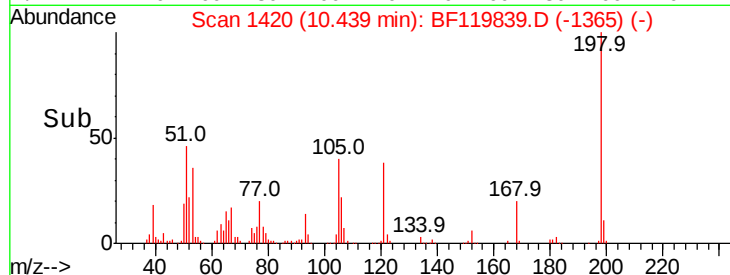
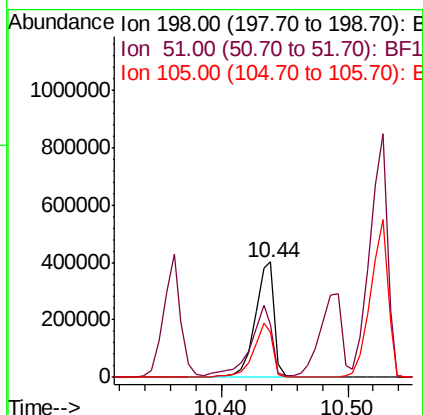
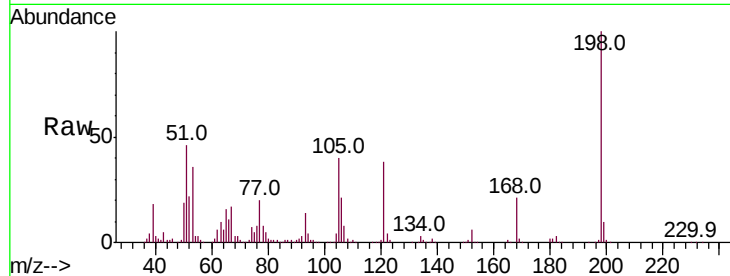




#65
4,6-Dinitro-2-methylphenol
Concen: 147.574 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

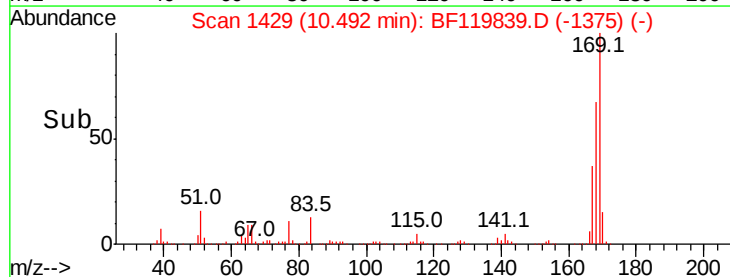
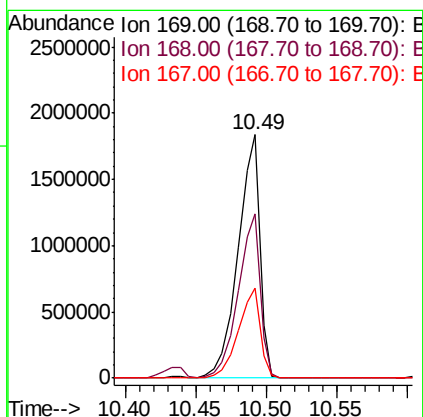
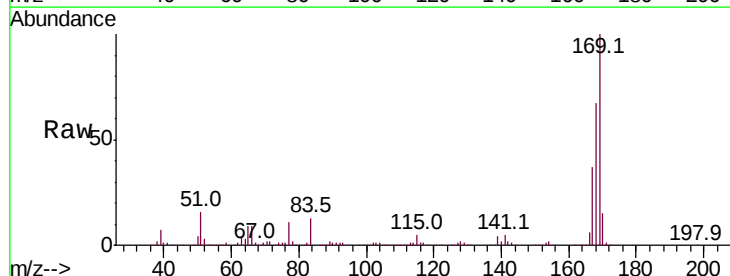
Instrument :
BNA_F
ClientSampled :

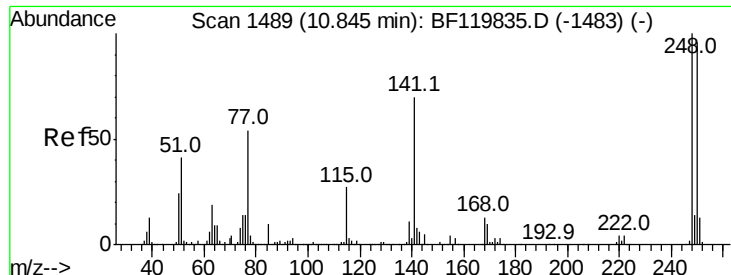
Tot Ion:198 Resp: 426221
Ion Ratio Lower Upper
198 100
51 46.0 25.2 65.2
105 39.5 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 87.159 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Tgt Ion:169 Resp: 1970752
Ion Ratio Lower Upper
169 100
168 67.4 54.2 81.4
167 37.1 28.3 42.5

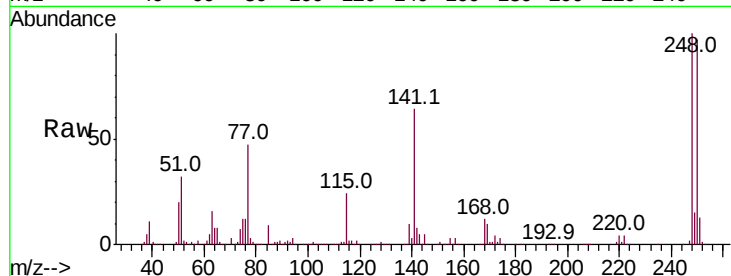




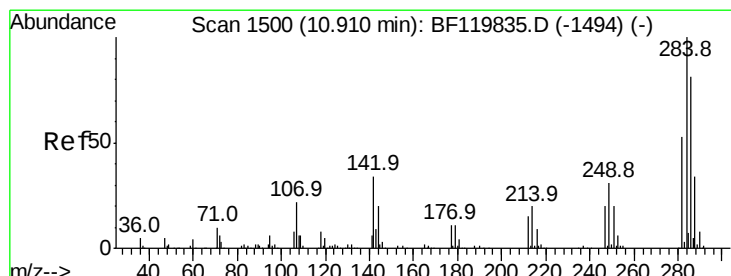
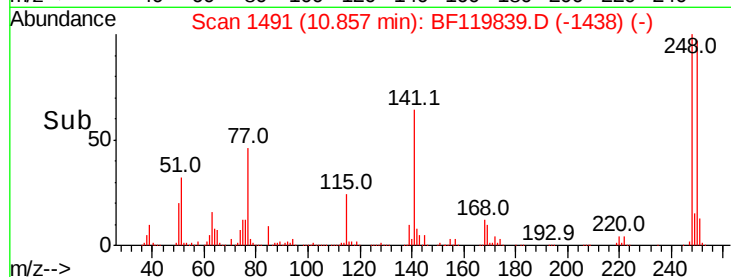
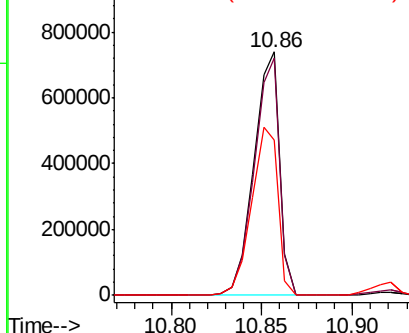
#67
 4-Bromophenyl-phenylether
 Concen: 92.758 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.01 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 727605
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.6 114.8
 141 63.5 55.9 83.9

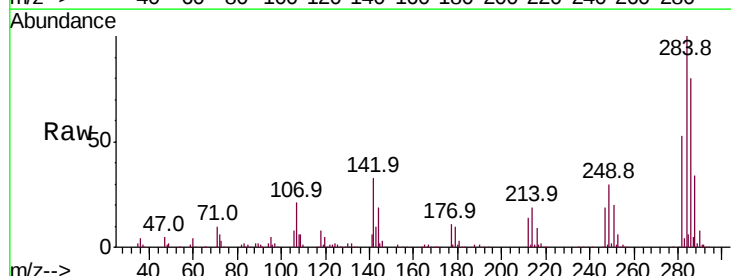


Abundance Ion 248.00 (247.70 to 248.70): E
 1000000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

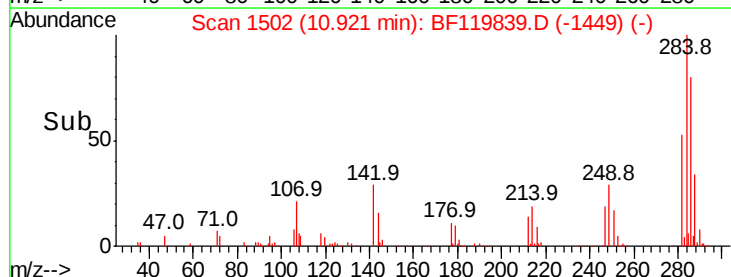
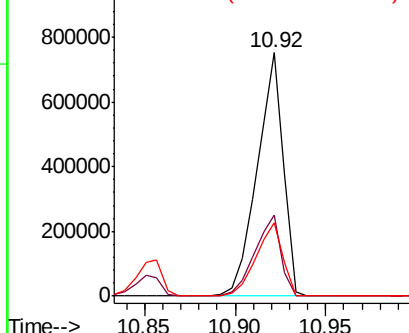


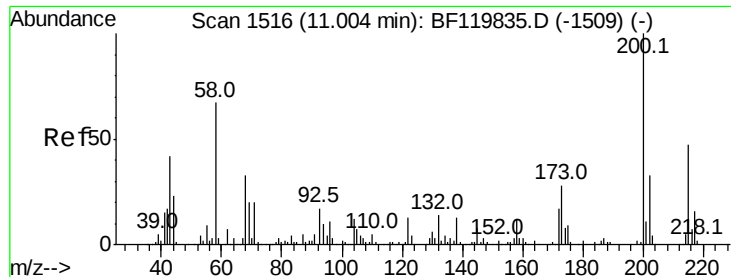
#68
 Hexachlorobenzene
 Concen: 93.650 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.01 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

Tgt Ion:284 Resp: 751854
 Ion Ratio Lower Upper
 284 100
 142 33.2 26.9 40.3
 249 29.9 24.6 37.0



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

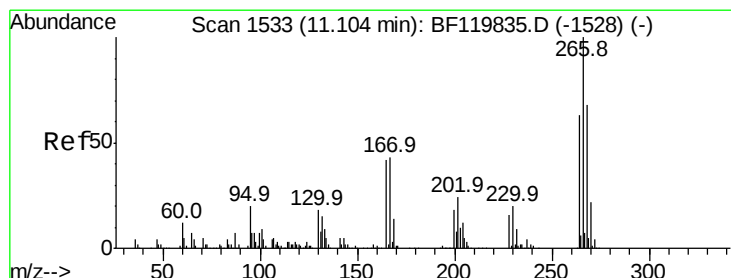
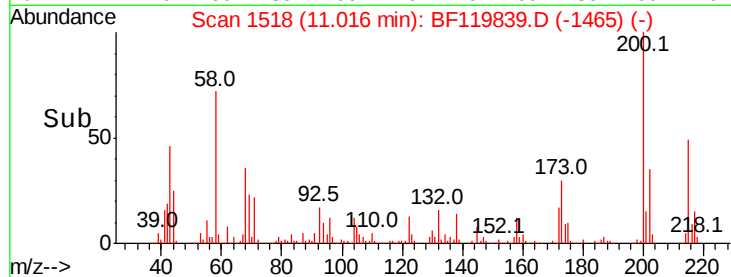
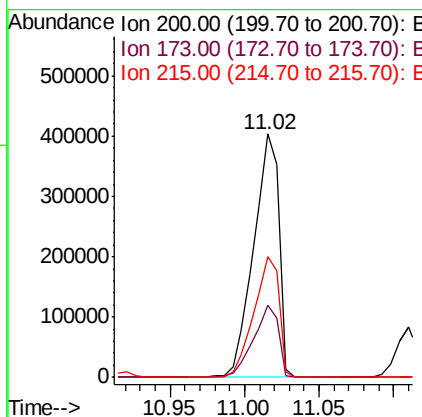
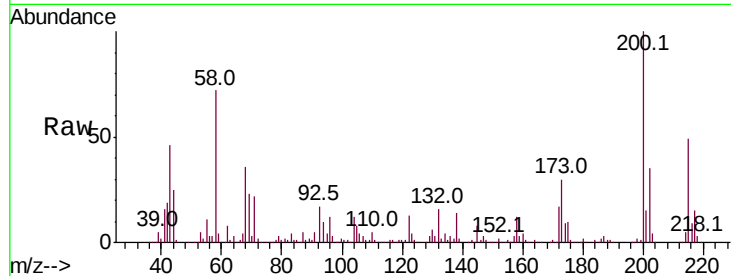




#69
Atrazine
Concen: 75.607 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

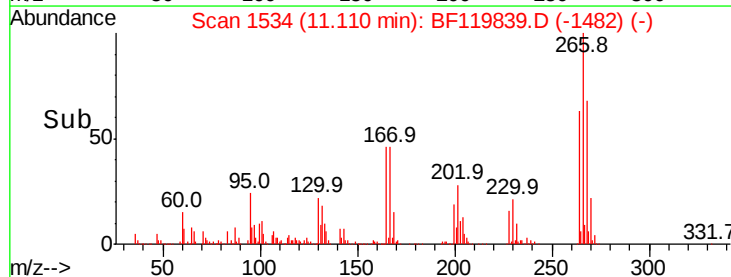
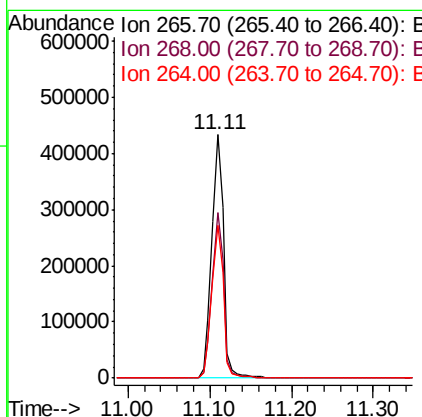
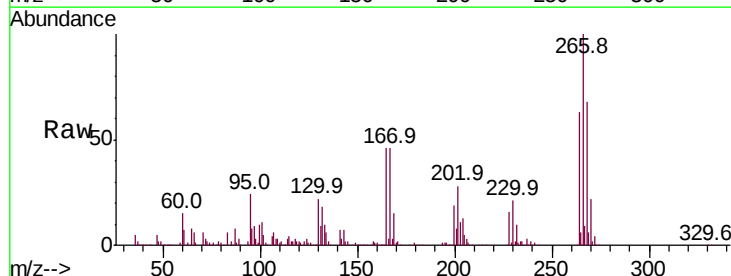
Instrument :
BNA_F
ClientSampleId :

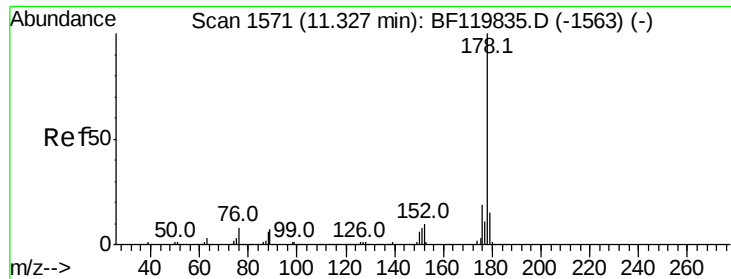
Tot Ion:200 Resp: 468675
Ion Ratio Lower Upper
200 100
173 29.8 8.0 48.0
215 49.4 27.1 67.1



#70
Pentachlorophenol
Concen: 92.797 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Tgt Ion:266 Resp: 436835
Ion Ratio Lower Upper
266 100
268 68.1 54.2 81.4
264 62.7 50.6 76.0





#71

Phenanthrene

Concen: 83.362 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :

BNA_F

ClientSampleId :

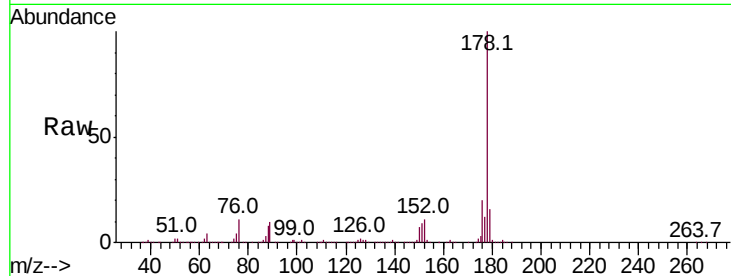
Tot Ion:178 Resp: 2977222

Ion Ratio Lower Upper

178 100

176 20.3 15.1 22.7

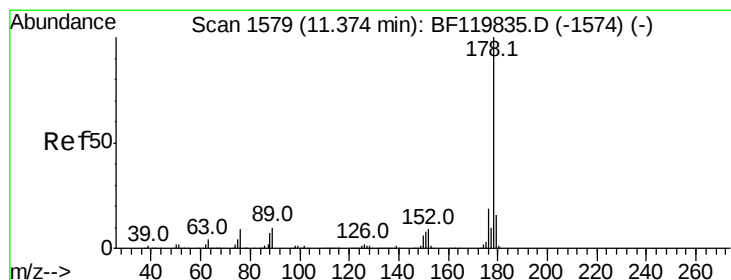
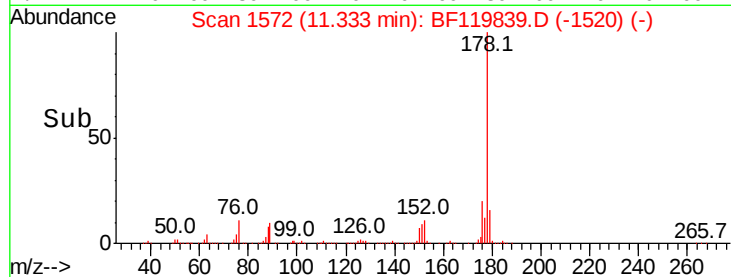
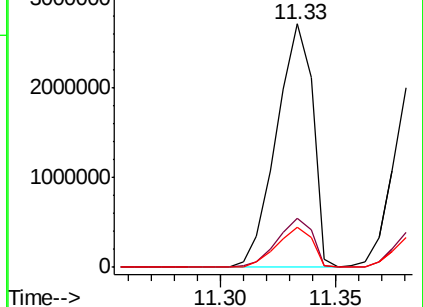
179 16.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 81.496 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

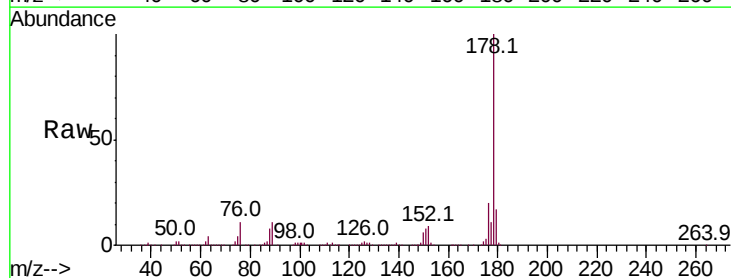
Tgt Ion:178 Resp: 2958114

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

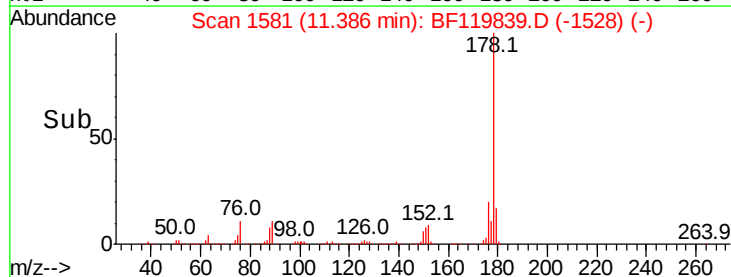
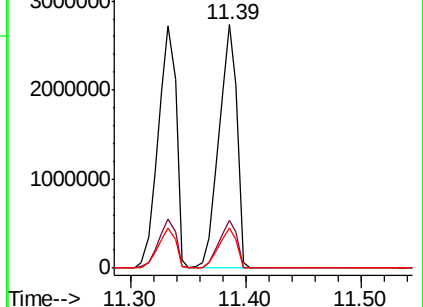
179 16.7 12.8 19.2

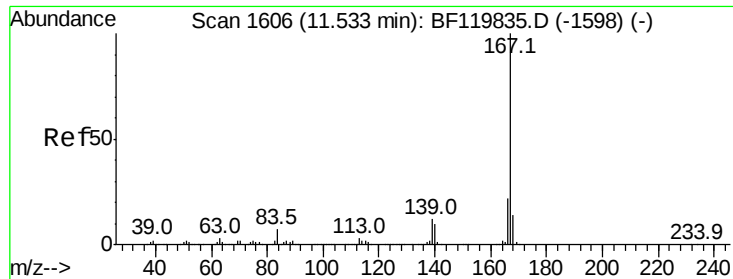


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

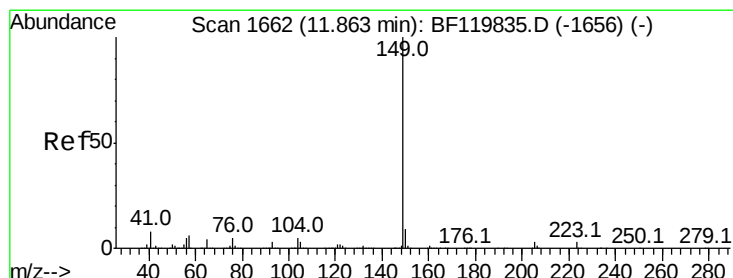
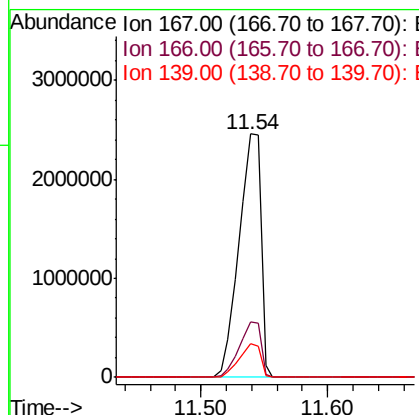
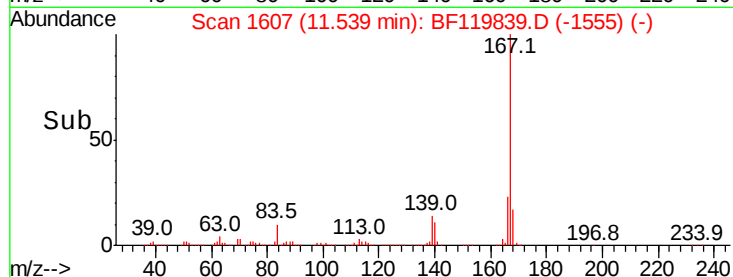
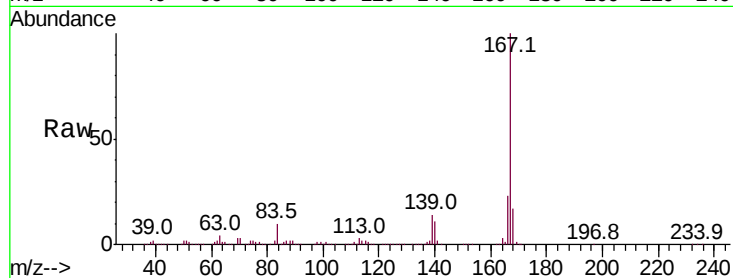




#73
 Carbazole
 Concen: 81.396 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

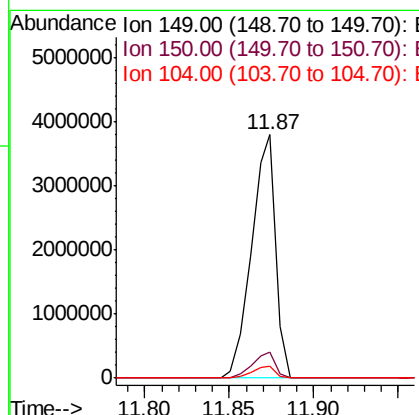
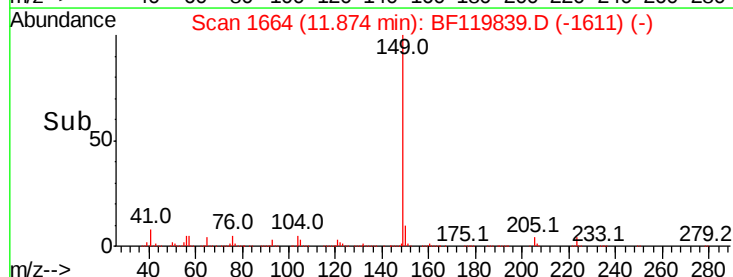
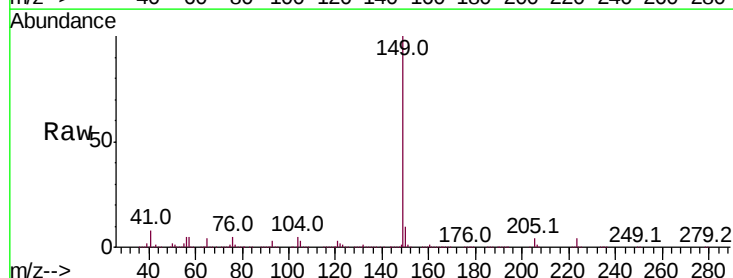
Instrument :
 BNA_F
 ClientSampleId :

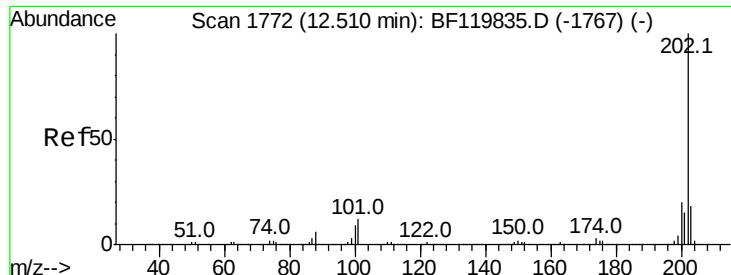
Tot Ion:167 Resp: 2924378
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.4 26.0
 139 13.9 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 98.443 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

Tgt Ion:149 Resp: 3783466
 Ion Ratio Lower Upper
 149 100
 150 10.4 7.6 11.4
 104 5.0 3.8 5.6

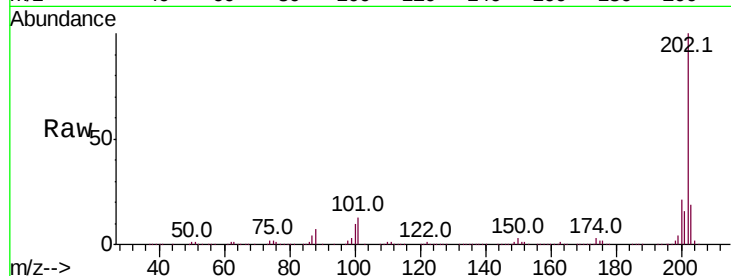




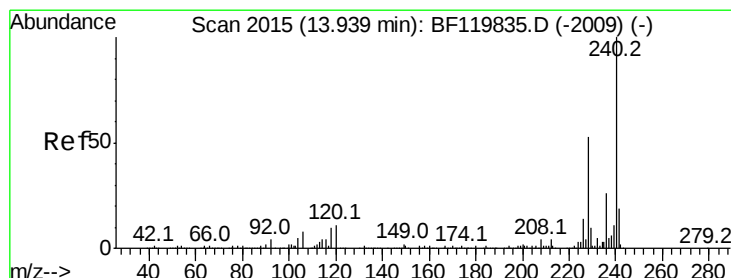
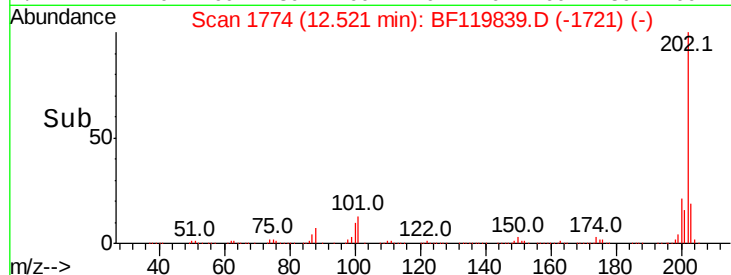
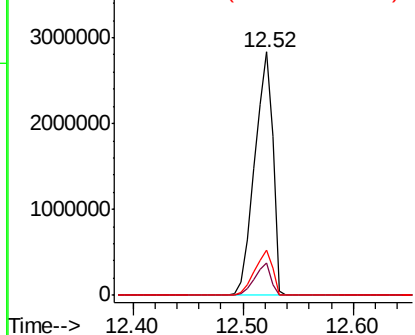
#75
 Fluoranthene
 Concen: 84.920 ng
 RT: 12.52 min Scan# 1774
 Delta R.T. 0.01 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 3282288
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 32.3
 203 18.8 0.0 37.6

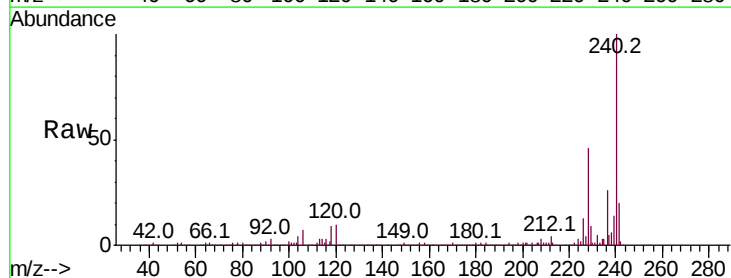


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

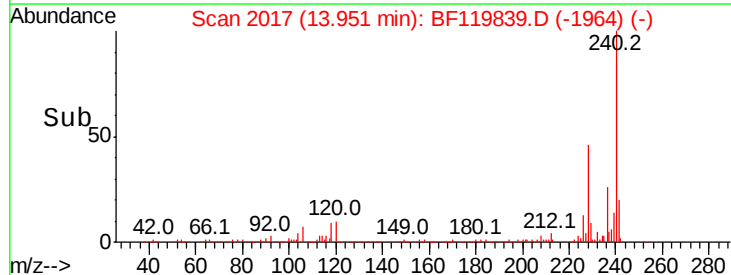
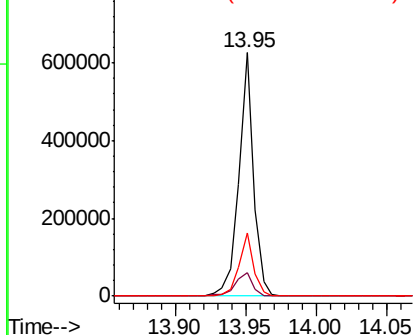


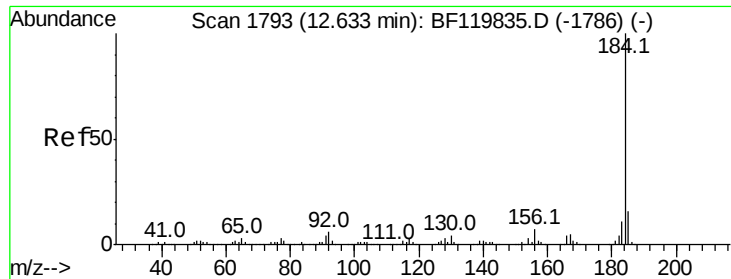
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

Tgt Ion:240 Resp: 452551
 Ion Ratio Lower Upper
 240 100
 120 9.7 9.0 13.6
 236 25.7 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: 51.235 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :

BNA_F

ClientSampleId :

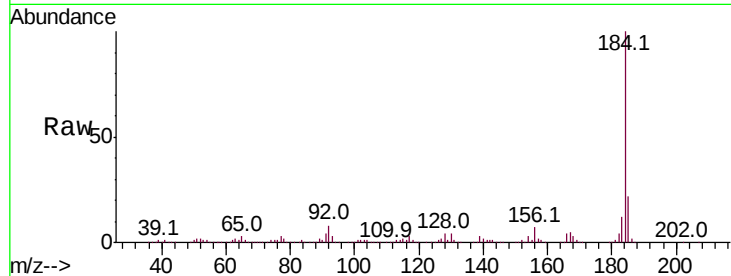
Tot Ion:184 Resp: 981252

Ion Ratio Lower Upper

184 100

185 21.8 13.2 19.8#

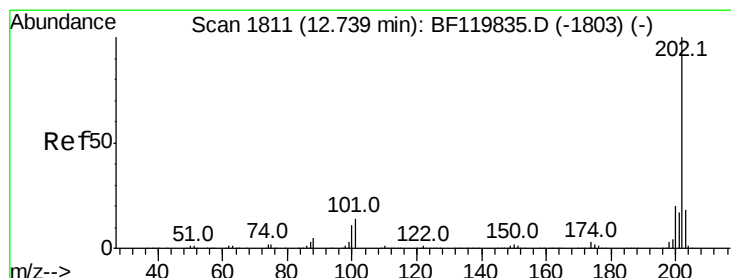
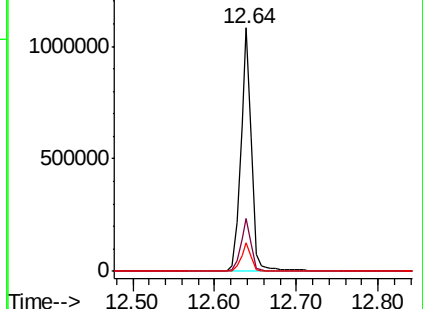
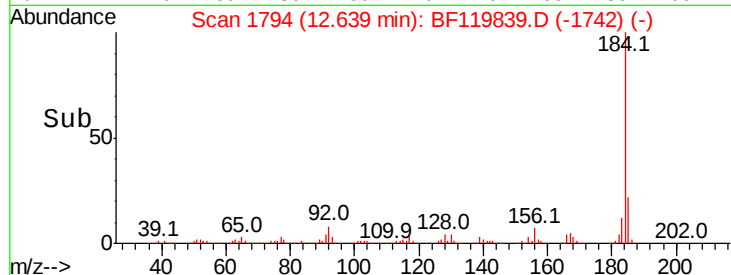
183 11.6 9.1 13.7



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: 93.785 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

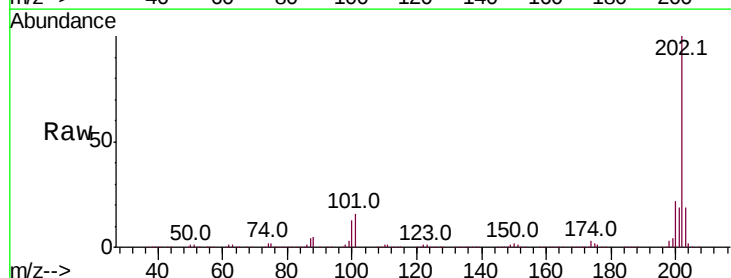
Tgt Ion:202 Resp: 3483220

Ion Ratio Lower Upper

202 100

200 21.5 16.2 24.2

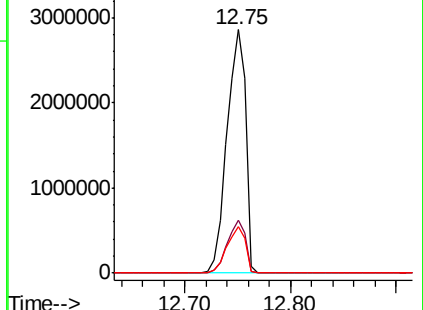
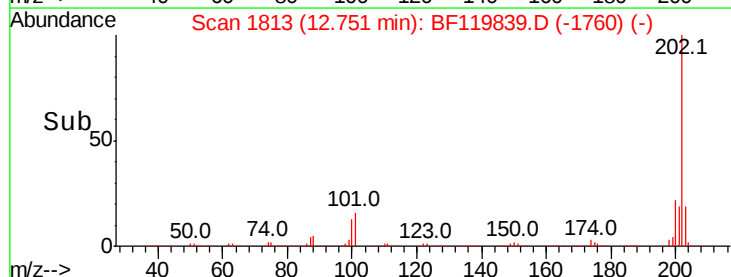
203 18.9 14.1 21.1

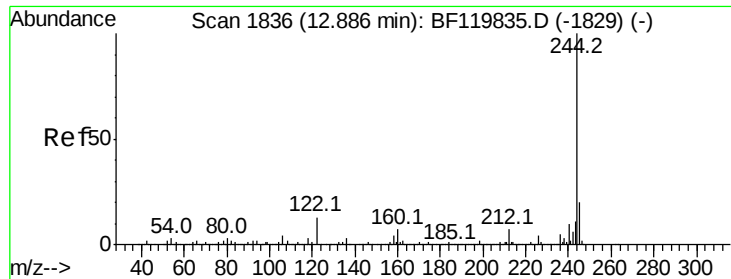


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 191.417 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :

BNA_F

ClientSampleId :

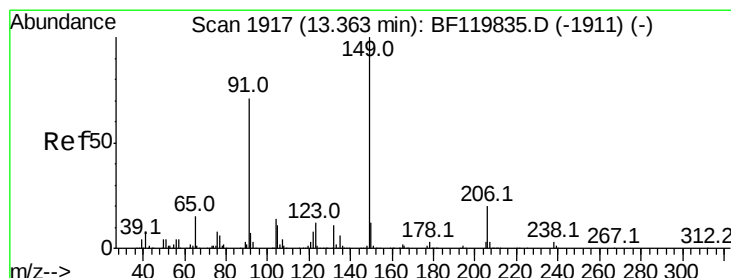
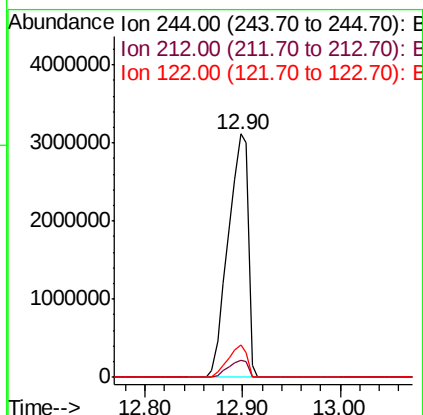
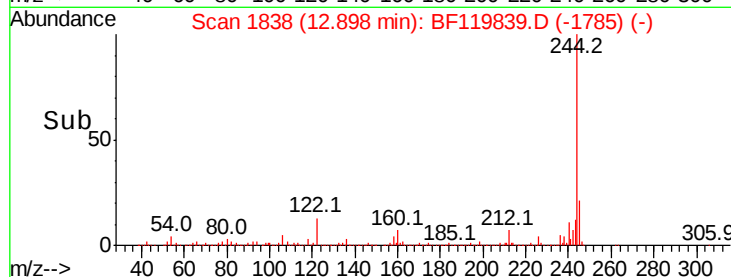
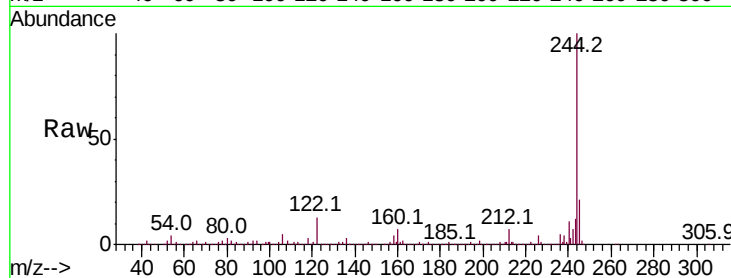
Tot Ion:244 Resp: 4421474

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

122 13.3 10.3 15.5



#80

Butylbenzylphthalate

Concen: 108.944 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

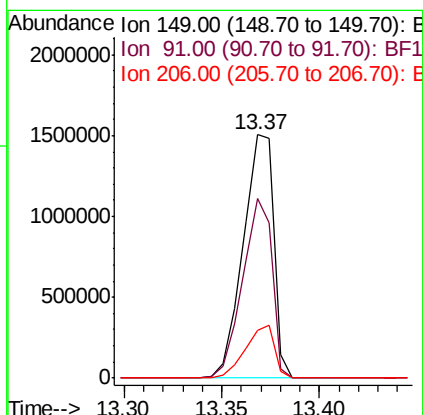
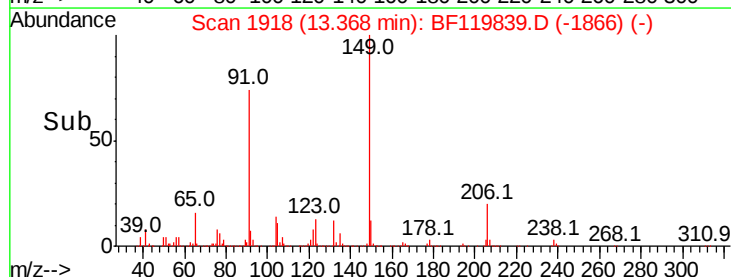
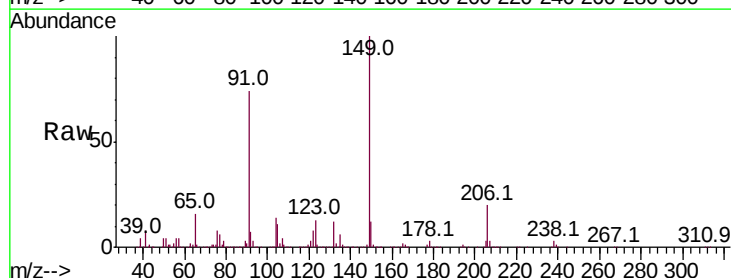
Tgt Ion:149 Resp: 1636515

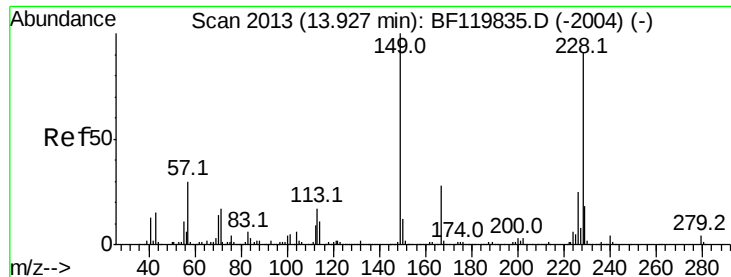
Ion Ratio Lower Upper

149 100

91 73.8 56.7 85.1

206 19.7 15.7 23.5





#81

Benzo(a)anthracene

Concen: 85.820 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :

BNA_F

ClientSampleId :

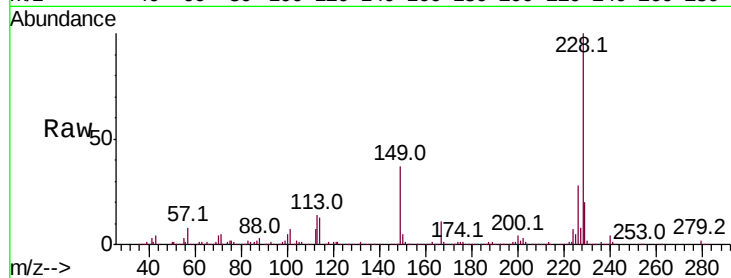
Tot Ion:228 Resp: 2525575

Ion Ratio Lower Upper

228 100

226 28.2 21.9 32.9

229 20.3 15.9 23.9

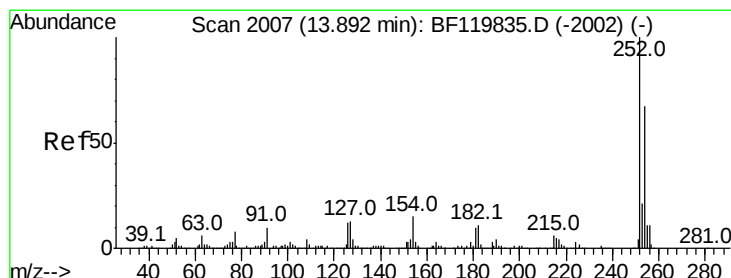
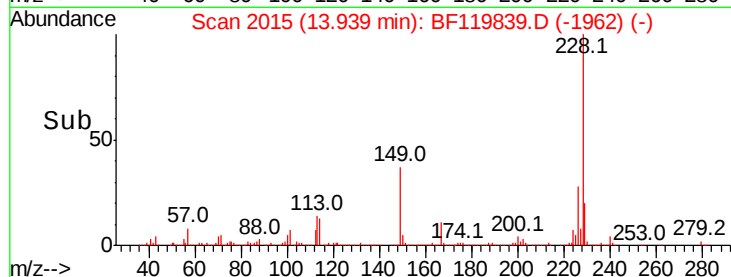
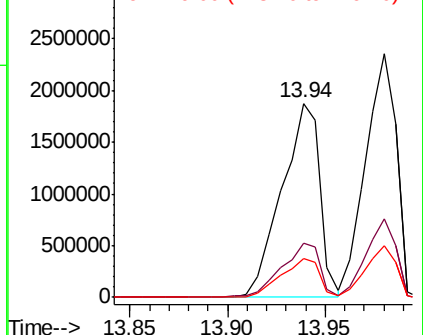


Abundance

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: 76.085 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

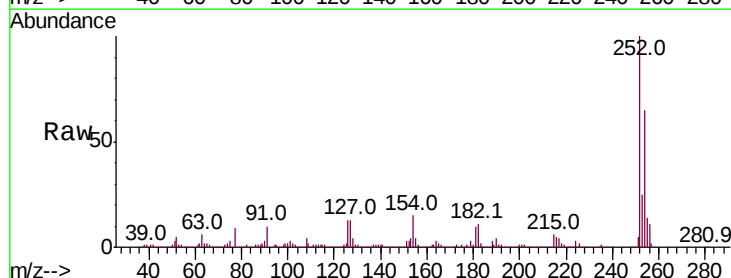
Tgt Ion:252 Resp: 882840

Ion Ratio Lower Upper

252 100

254 64.9 53.9 80.9

126 12.9 9.7 14.5

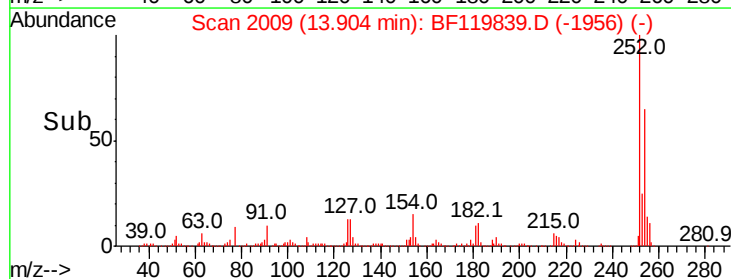
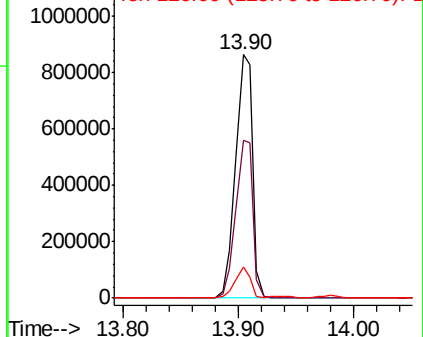


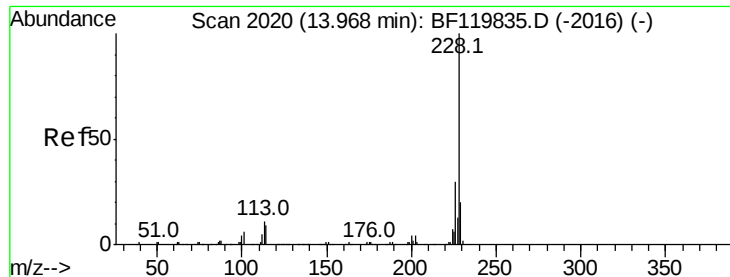
Abundance

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

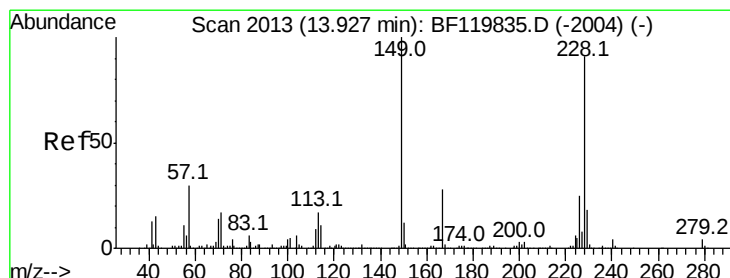
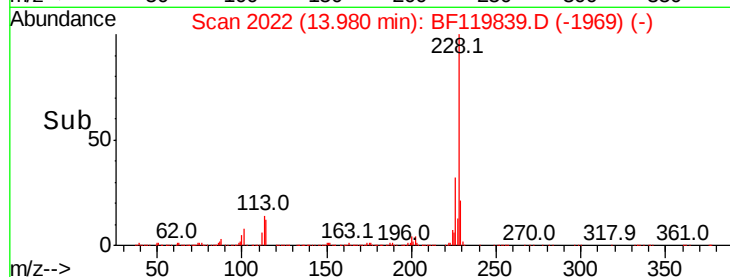
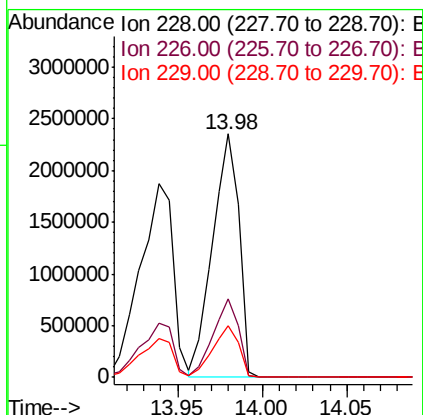
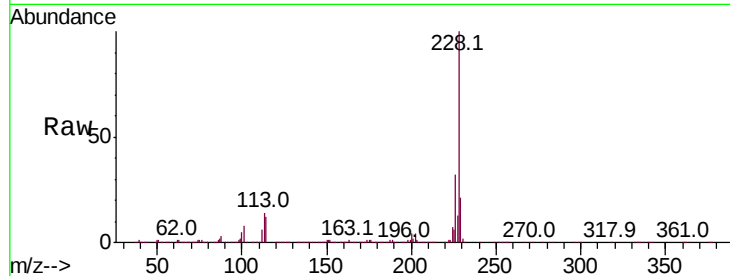




#83
 Chrvsene
 Concen: 84.957 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

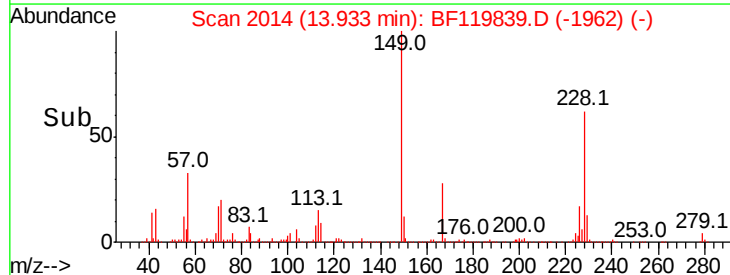
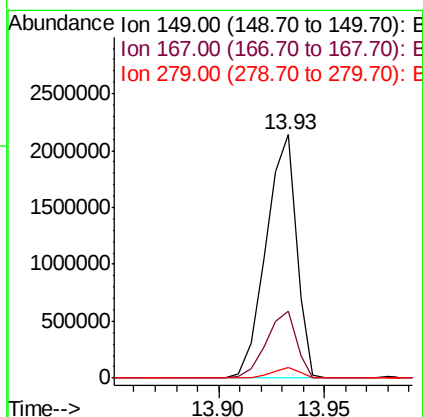
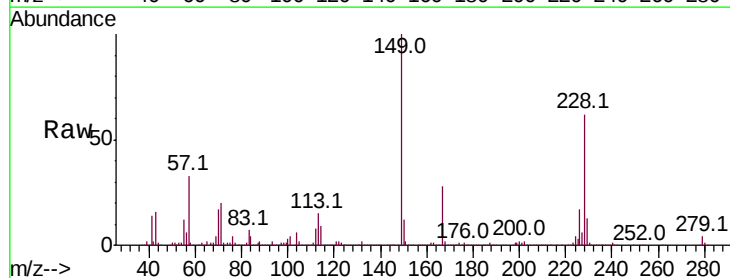
Instrument :
 BNA_F
 ClientSampleId :

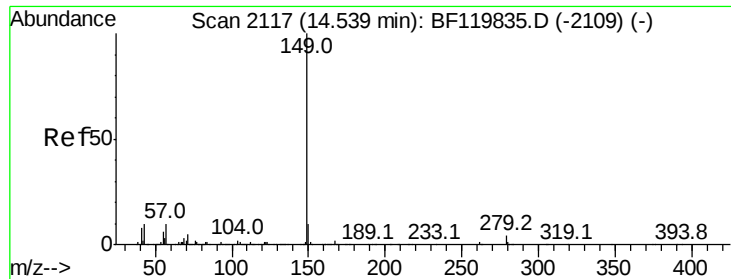
Tot Ion:228 Resp: 2580289
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.2 36.2
 229 21.0 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 120.036 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF119839.D
 Acq: 8 Apr 2020 21:57

Tgt Ion:149 Resp: 2149493
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.2
 279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 110.529 ng

RT: 14.54 min Scan# 2118

Delta R.T. 0.01 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

Instrument :

BNA_F

ClientSampleId :

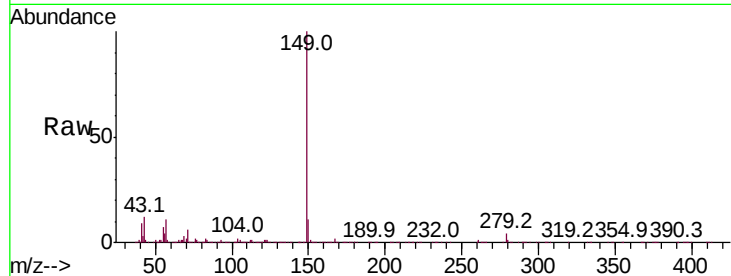
Tot Ion:149 Resp: 3480928

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

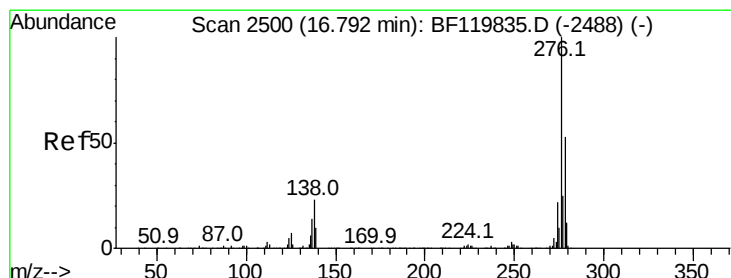
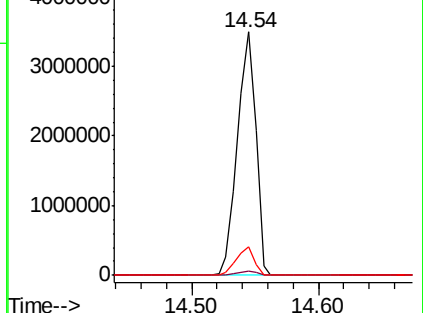
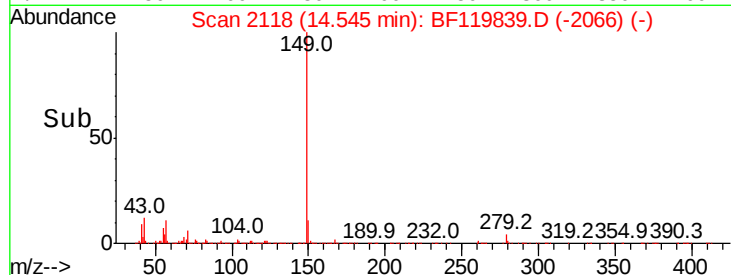
43 11.7 9.2 13.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 79.043 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.02 min

Lab File: BF119839.D

Acq: 8 Apr 2020 21:57

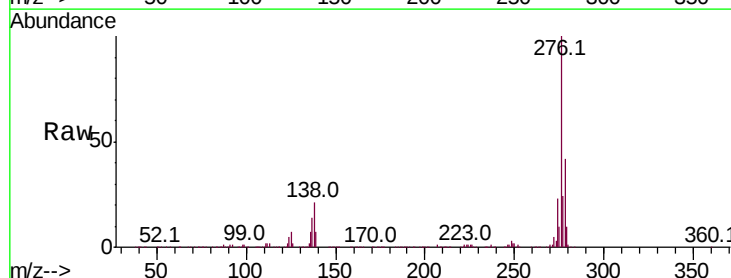
Tgt Ion:276 Resp: 2260945

Ion Ratio Lower Upper

276 100

138 0.0 18.0 27.0#

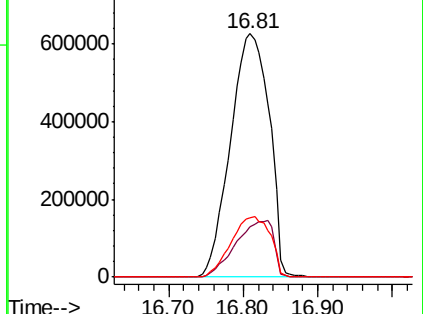
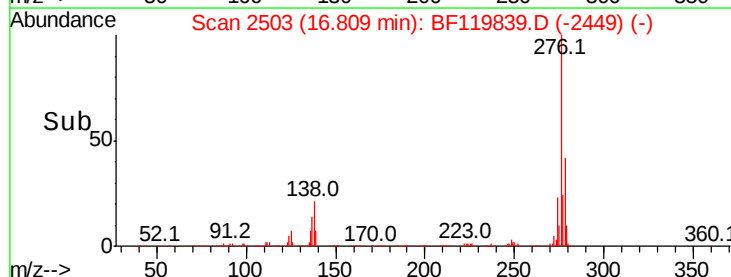
277 25.3 20.1 30.1

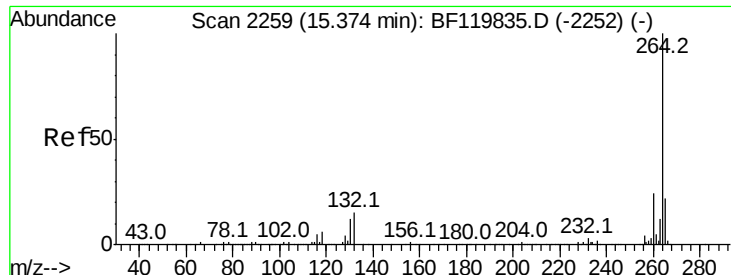


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

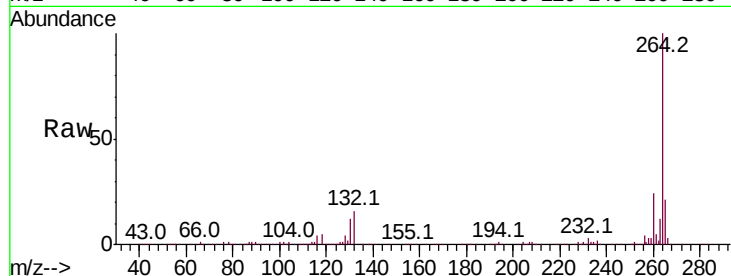




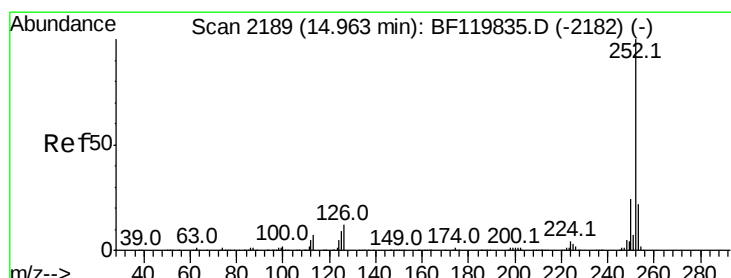
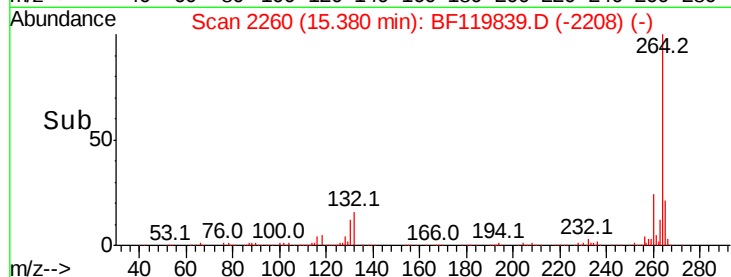
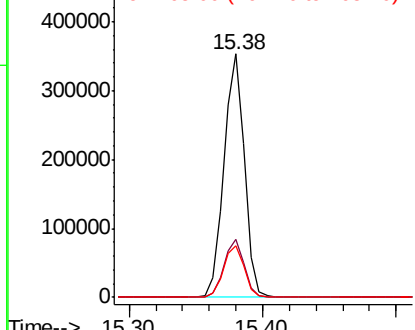
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 384481
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 21.2 17.6 26.4

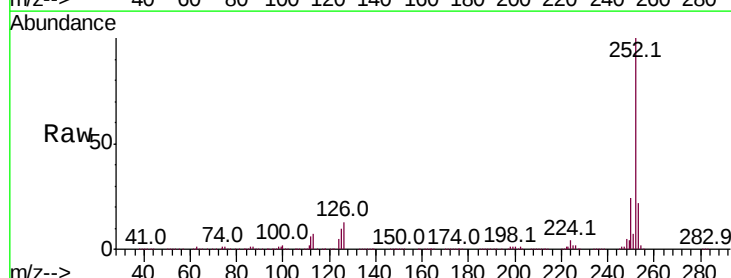


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

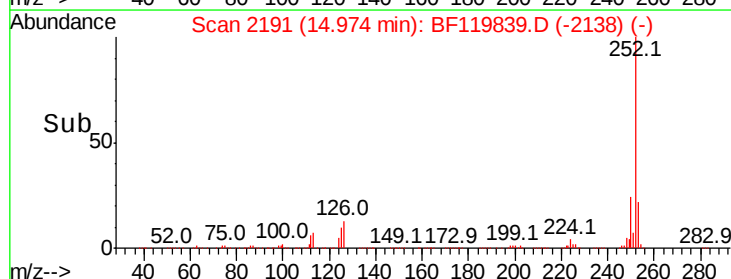
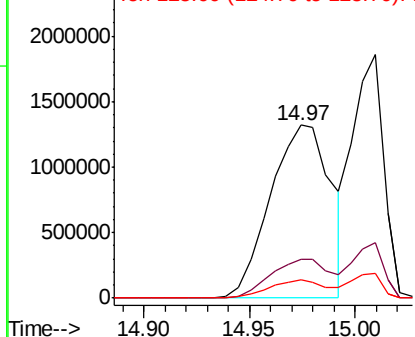


#88
Benzo(b)fluoranthene
Concen: 102.509 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Tgt Ion:252 Resp: 2632757
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 10.3 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

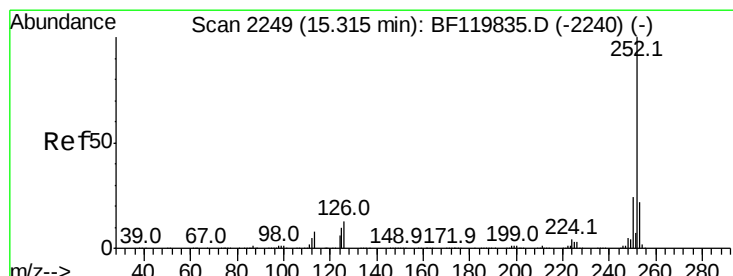
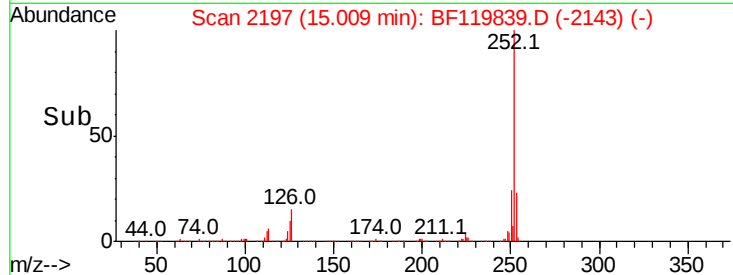
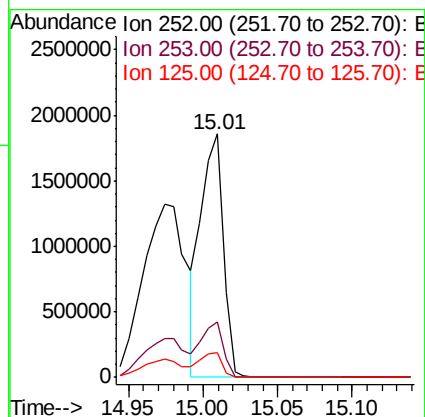
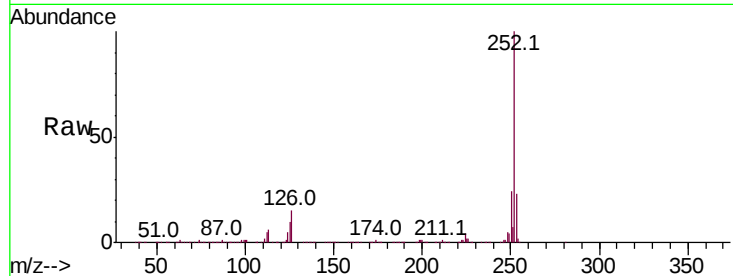




#89
Benzo(k)fluoranthene
Concen: 78.051 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.02 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

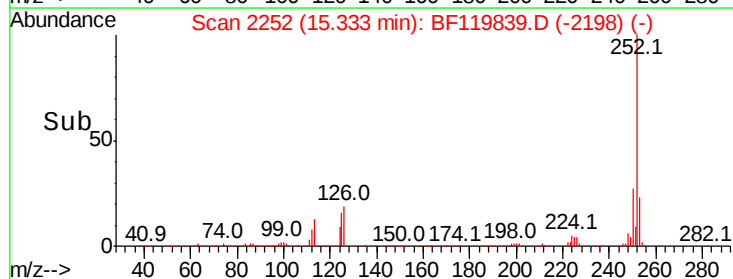
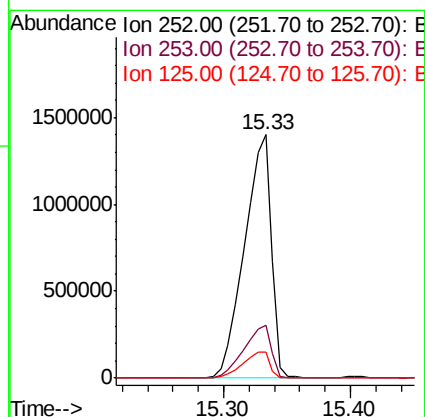
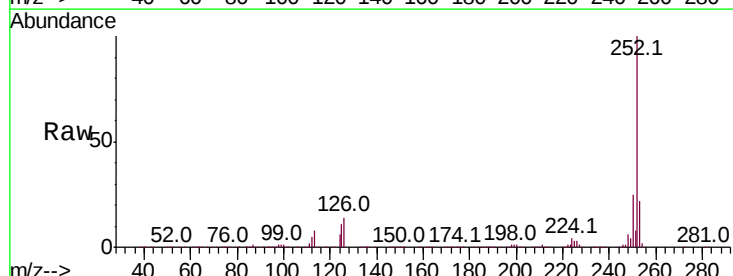
Instrument :
BNA_F
ClientSampleId :

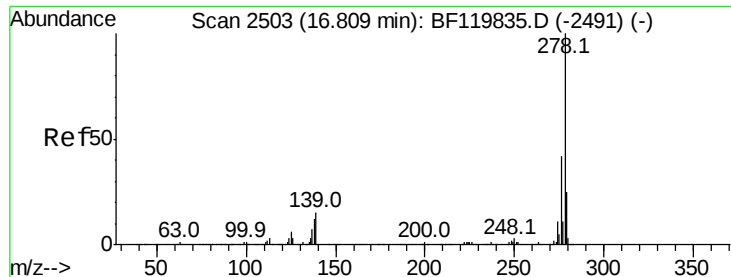
Tot Ion:252 Resp: 1908798
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.1 7.7 11.5



#90
Benzo(a)pyrene
Concen: 88.924 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Tgt Ion:252 Resp: 2075529
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.7 8.3 12.5



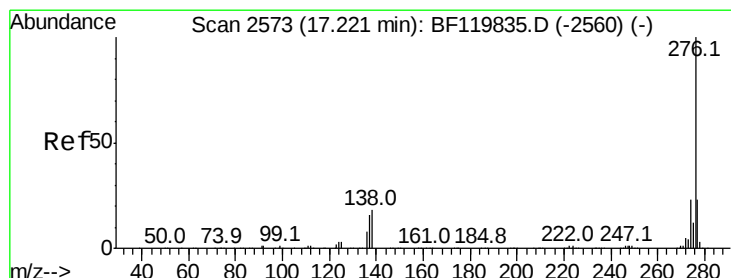
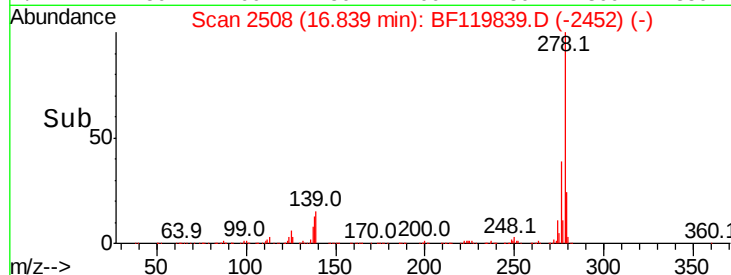
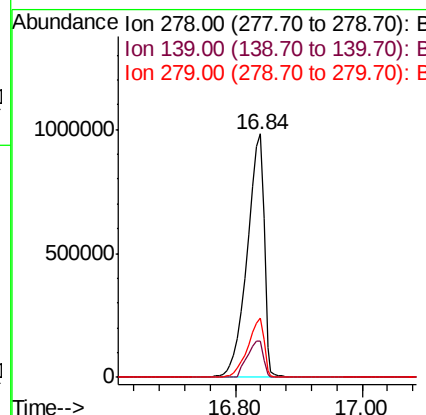
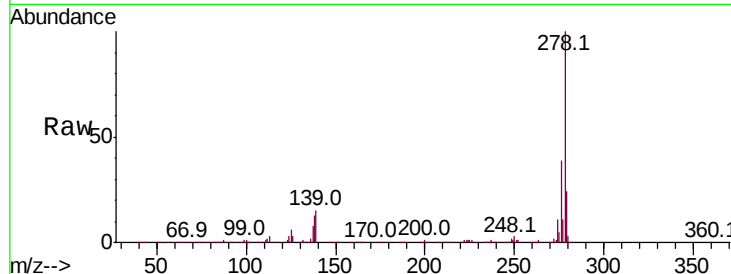


#91
Dibenzo(a,h)anthracene
Concen: 88.385 ng
RT: 16.84 min Scan# 2508
Delta R.T. 0.03 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1804396

Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.6	17.4
279	24.2	19.7	29.5



#92
Benzo(g,h,i)perylene
Concen: 79.688 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.03 min
Lab File: BF119839.D
Acq: 8 Apr 2020 21:57

Tgt Ion:276 Resp: 1634375

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	17.6	14.6	22.0

