

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119389.D
 Acq On : 12 Mar 2020 19:33
 Operator : CG/JU
 Sample : L1752-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:47:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	112821	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	432293	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	242303	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	448990	20.00	ng	0.00
76) Chrysene-d12	13.90	240	285194	20.00	ng	0.01
87) Perylene-d12	15.34	264	244801	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	894539	132.50	ng	0.02
7) Phenol-d6	6.39	99	999850	121.78	ng	0.00
23) Nitrobenzene-d5	7.29	82	768603	93.88	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	423889	133.73	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1498925	91.13	ng	0.00
79) Terphenyl-d14	12.83	244	1845676	111.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	113446	37.743	ng	# 88
3) Pyridine	3.32	79	193089	23.522	ng	99
4) n-Nitrosodimethylamine	3.20	42	122432	49.235	ng	89
6) Aniline	6.40	93	144525	14.266	ng	# 55
8) 2-Chlorophenol	6.52	128	370374	50.836	ng	98
9) Benzaldehyde	6.28	77	226562	41.302	ng	94
10) Phenol	6.40	94	411338	46.338	ng	85
11) bis(2-Chloroethyl)ether	6.46	93	351061	51.686	ng	99
12) 1,3-Dichlorobenzene	6.66	146	386703	44.284	ng	97
13) 1,4-Dichlorobenzene	6.74	146	401159	45.908	ng	99
14) 1,2-Dichlorobenzene	6.89	146	364624	45.754	ng	99
15) Benzyl Alcohol	6.89	79	321236	54.135	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	266282	45.258	ng	# 43
17) 2-Methylphenol	7.00	107	296609	50.214	ng	92
18) Hexachloroethane	7.23	117	143057	45.760	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	262266	54.819	ng	97
20) 3+4-Methylphenols	7.16	107	401419	55.470	ng	# 87
22) Acetophenone	7.14	105	513890	51.378	ng	# 95
24) Nitrobenzene	7.31	77	396347	48.953	ng	96
25) Isophorone	7.55	82	721371	50.733	ng	97
26) 2-Nitrophenol	7.63	139	206437	48.122	ng	99
27) 2,4-Dimethylphenol	7.67	122	329326	56.564	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	432975	46.782	ng	99
29) 2,4-Dichlorophenol	7.89	162	333311	48.630	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	353883	43.547	ng	98
31) Naphthalene	8.03	128	1075952	47.992	ng	99
32) Benzoic acid	7.86	122	150248	37.125	ng	97
33) 4-Chloroaniline	8.10	127	113892	11.811	ng	99
34) Hexachlorobutadiene	8.14	225	214014	42.279	ng	98
35) Caprolactam	8.47	113	41104	19.476	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	361399	52.100	ng	100
37) 2-Methylnaphthalene	8.72	142	748261	49.594	ng	98
38) 1-Methylnaphthalene	8.82	142	699468	49.296	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	374391	45.828	ng	99

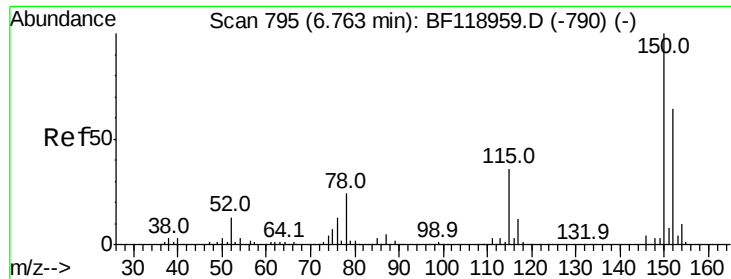
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119389.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	127003	47.088	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	230705	44.719	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	234432	43.304	nq	97
46) 1,1'-Biphenyl	9.18	154	918196	46.887	nq	99
47) 2-Chloronaphthalene	9.21	162	732412	46.411	nq	98
48) 2-Nitroaniline	9.32	65	218079	49.545	nq	99
49) Acenaphthylene	9.62	152	1103721	48.425	nq	99
50) Dimethylphthalate	9.49	163	918724	49.585	nq	100
51) 2,6-Dinitrotoluene	9.56	165	199687	48.509	nq	95
52) Acenaphthene	9.79	154	664932	48.382	nq	99
53) 3-Nitroaniline	9.74	138	63957	14.015	nq	96
54) 2,4-Dinitrophenol	9.86	184	162714	81.204	nq	# 88
55) Dibenzofuran	9.97	168	989695	48.246	nq	100
56) 4-Nitrophenol	9.97	139	575173	209.771	nq	# 15
57) 2,4-Dinitrotoluene	9.97	165	262691	49.233	nq	99
58) Fluorene	10.31	166	811208	50.891	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	224487	49.144	nq	95
60) Diethylphthalate	10.19	149	863018	49.426	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	418716	49.626	nq	99
62) 4-Nitroaniline	10.36	138	171996	36.837	nq	93
63) Azobenzene	10.46	77	791536	52.153	nq	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	131249	48.308	nq	97
66) n-Nitrosodiphenylamine	10.42	169	732436	49.820	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	273437	46.591	nq	98
68) Hexachlorobenzene	10.87	284	313328	46.306	nq	99
69) Atrazine	10.96	200	238304	46.394	nq	98
70) Pentachlorophenol	11.07	266	187931	68.947	nq	98
71) Phenanthrene	11.27	178	1197632	48.911	nq	98
72) Anthracene	11.33	178	1243214	50.815	nq	99
73) Carbazole	11.49	167	1095395	50.258	nq	99
74) Di-n-butylphthalate	11.80	149	1283812	48.639	nq	99
75) Fluoranthene	12.47	202	1254335	48.261	nq	99
77) Benzidine	12.59	184	364097	31.391	nq	98
78) Pyrene	12.69	202	1255012	54.802	nq	98
80) Butylbenzylphthalate	13.30	149	486921	50.520	nq	99
81) Benzo(a)anthracene	13.89	228	997445	51.330	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	162478	21.533	nq	99
83) Chrysene	13.92	228	965472	49.863	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	615994	50.588	nq	# 98
85) Di-n-octyl phthalate	14.47	149	886533	45.695	nq	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	836419	44.613	nq	100
88) Benzo(b)fluoranthene	14.92	252	866654	53.710	nq	100
89) Benzo(k)fluoranthene	14.95	252	769717	51.474	nq	100
90) Benzo(a)pyrene	15.27	252	724800	49.770	nq	98
91) Dibenzo(a,h)anthracene	16.75	278	704487	54.979	nq	100
92) Benzo(g,h,i)perylene	17.18	276	724689	57.239	nq	100

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

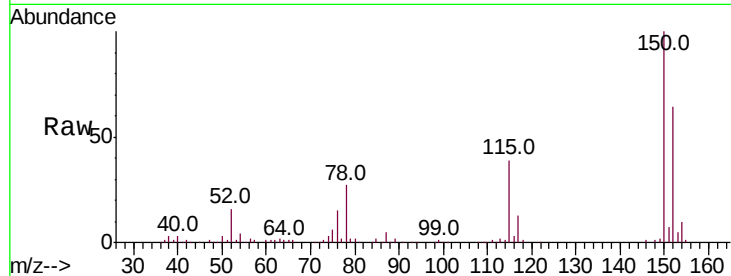


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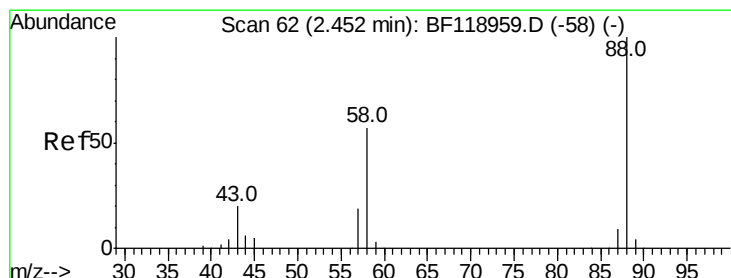
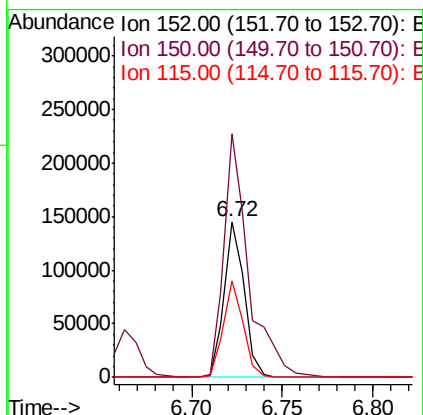
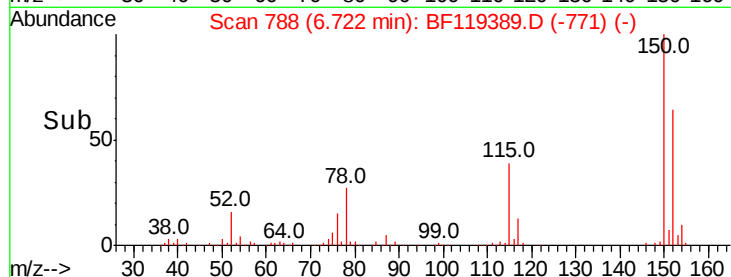
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112821
Ion Ratio Lower Upper
152 100
150 156.3 123.0 184.6
115 61.6 49.5 74.3



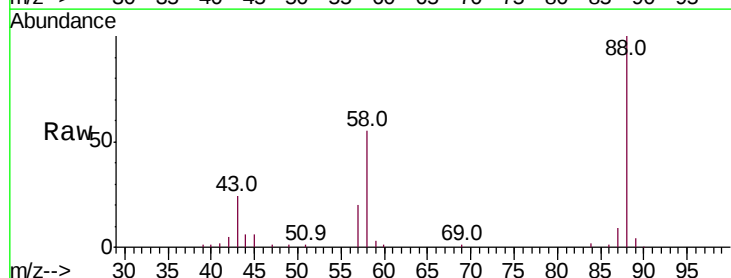
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



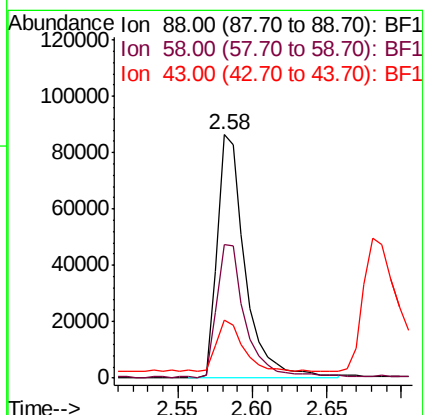
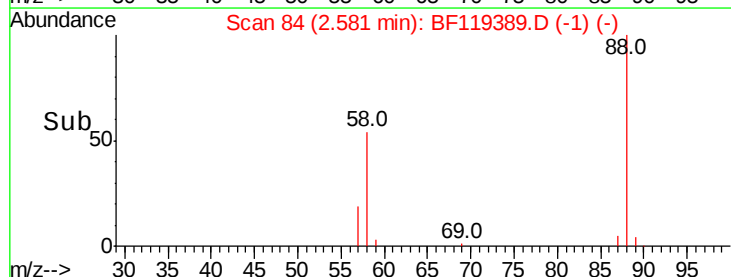
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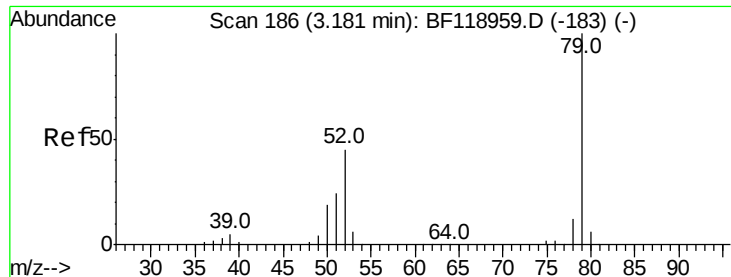
1,4-Dioxane
Concen: 37.743 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.20 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Tgt Ion: 88 Resp: 113446
Ion Ratio Lower Upper
88 100
58 55.0 43.8 65.6
43 0.0 16.2 24.4#



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: 23.522 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.22 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampleId :

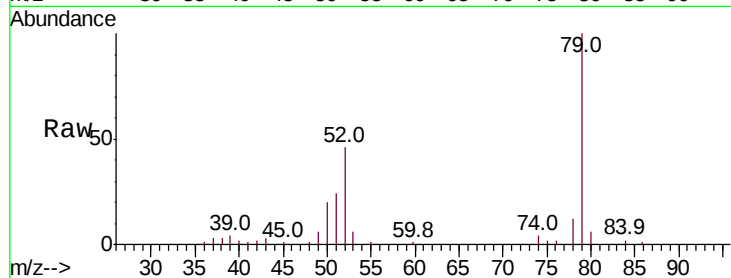
Tot Ion: 79 Resp: 193089

Ion Ratio Lower Upper

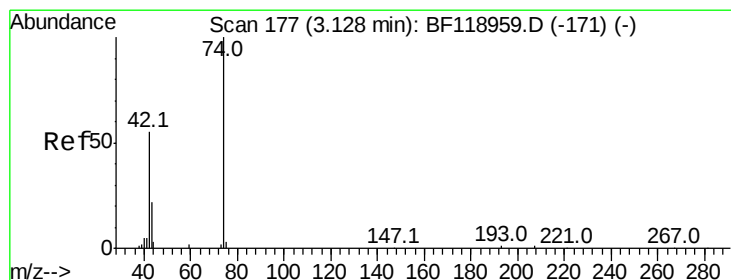
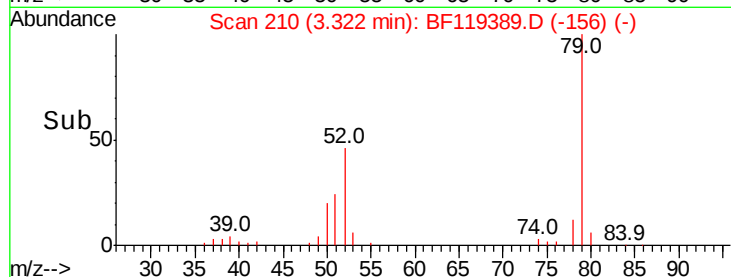
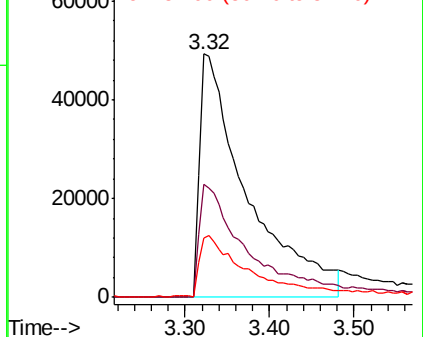
79 100

52 46.3 37.4 56.0

51 24.4 19.8 29.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 49.235 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.15 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

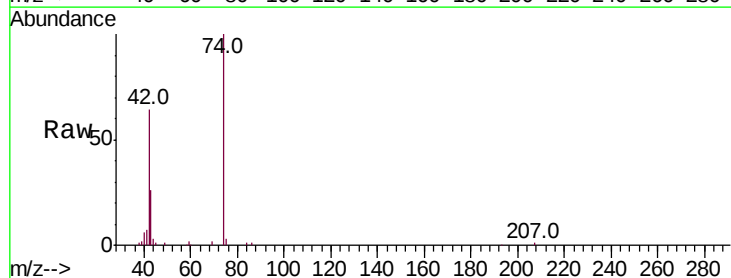
Tgt Ion: 42 Resp: 122432

Ion Ratio Lower Upper

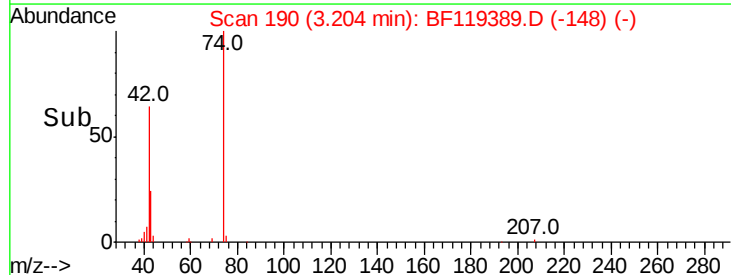
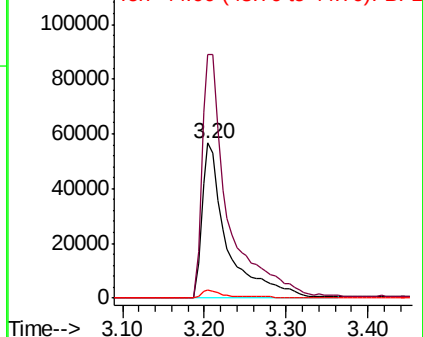
42 100

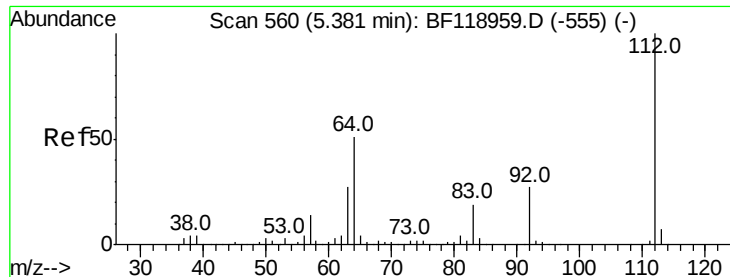
74 157.0 137.7 206.5

44 4.9 4.5 6.7



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 132.505 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :
BNA_F
ClientSampled :

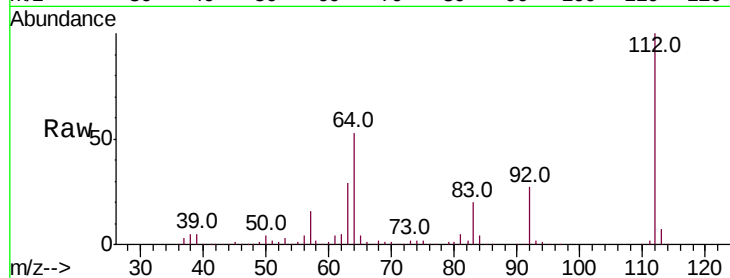
Tot Ion:112 Resp: 894539

Ion Ratio Lower Upper

112 100

64 53.2 45.0 67.4

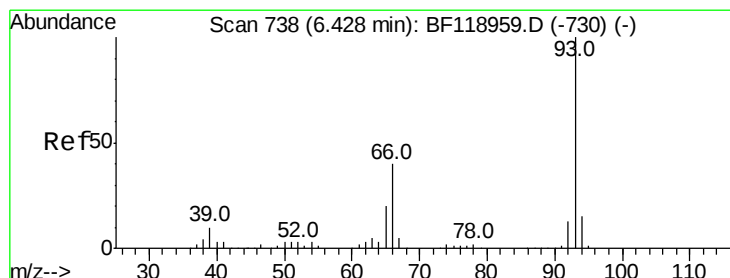
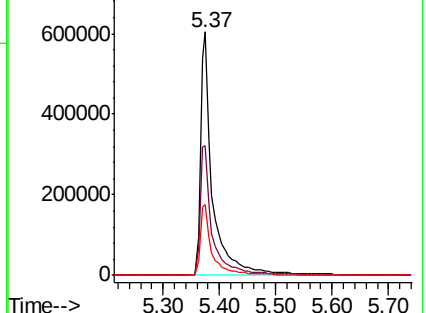
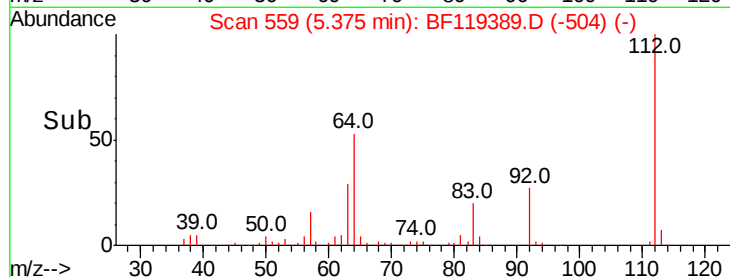
63 29.1 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.266 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

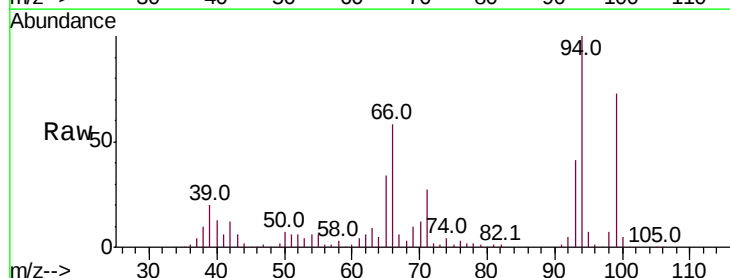
Tgt Ion: 93 Resp: 144525

Ion Ratio Lower Upper

93 100

66 140.5 74.5 111.7#

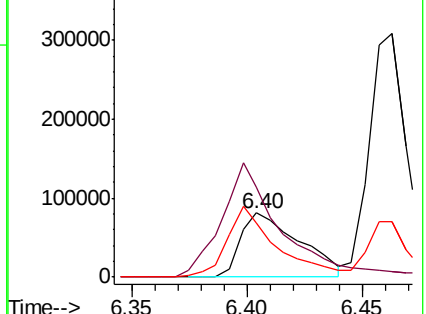
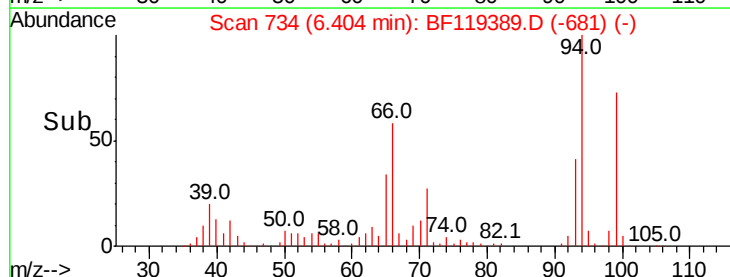
65 83.5 45.3 67.9#

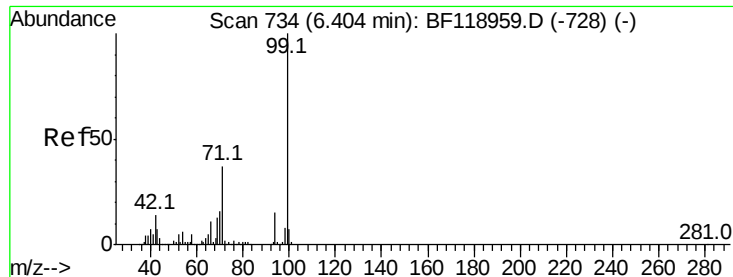


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.778 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampleId :

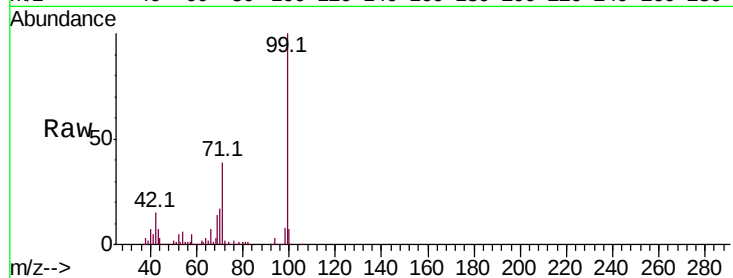
Tot Ion: 99 Resp: 999850

Ion Ratio Lower Upper

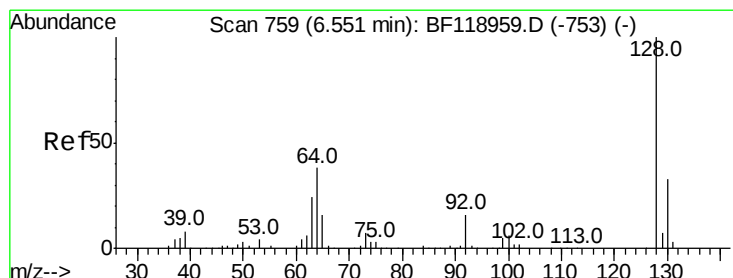
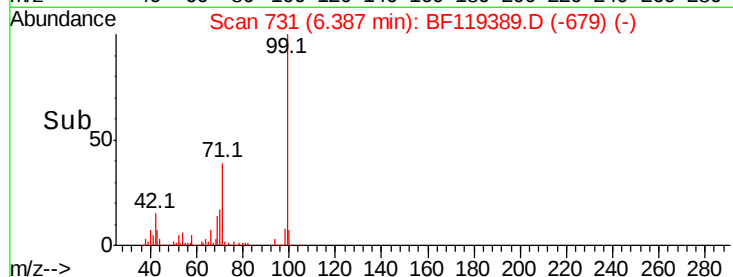
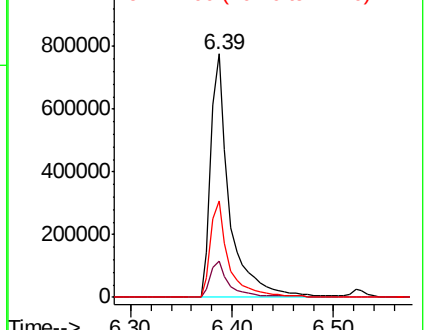
99 100

42 15.0 12.6 18.8

71 39.5 31.0 46.4



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: 50.836 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

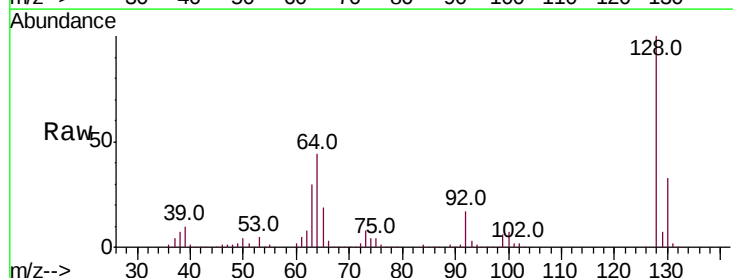
Tgt Ion:128 Resp: 370374

Ion Ratio Lower Upper

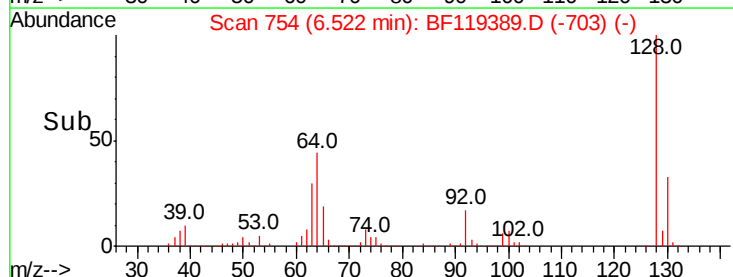
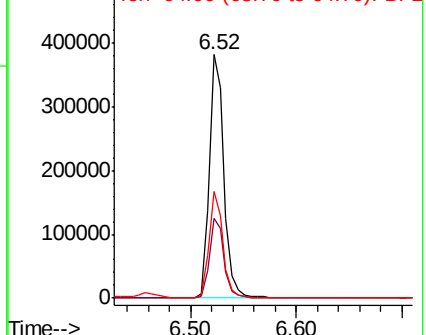
128 100

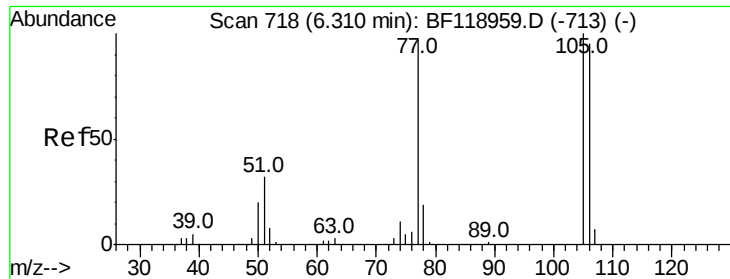
130 32.7 12.7 52.7

64 44.0 22.3 62.3



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





#9

Benzaldehyde

Concen: 41.302 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampleId :

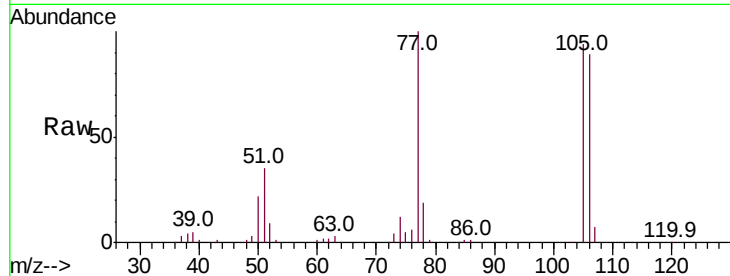
Tot Ion: 77 Resp: 226562

Ion Ratio Lower Upper

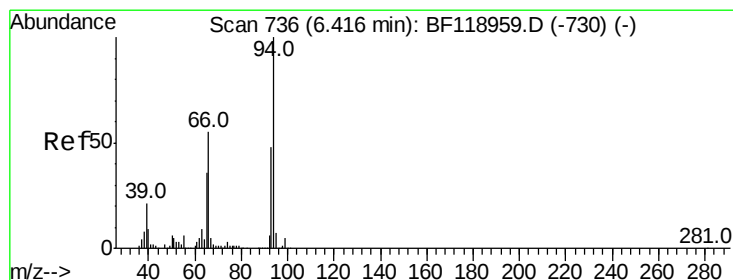
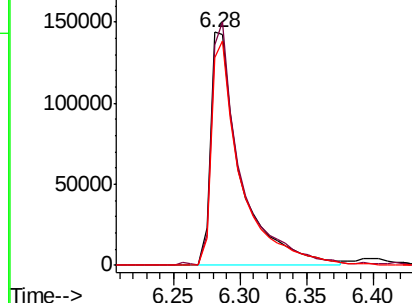
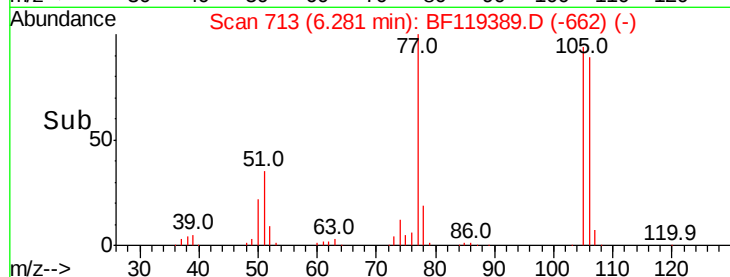
77 100

105 94.4 80.1 120.1

106 88.8 75.9 115.9



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: 46.338 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

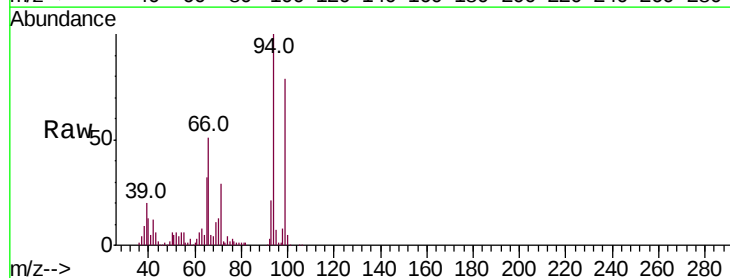
Tgt Ion: 94 Resp: 411338

Ion Ratio Lower Upper

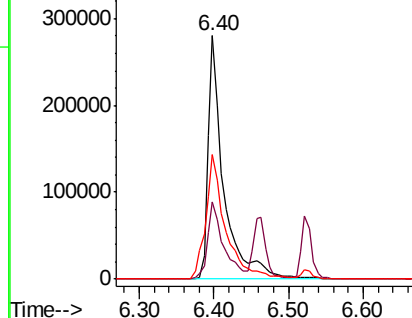
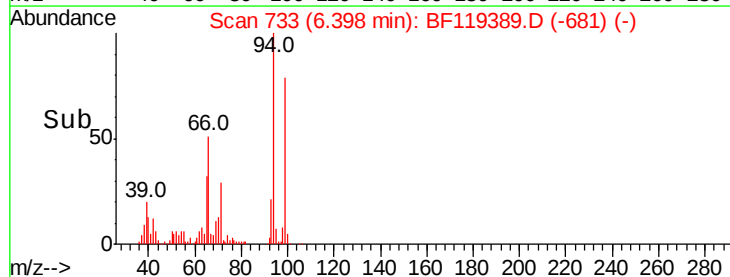
94 100

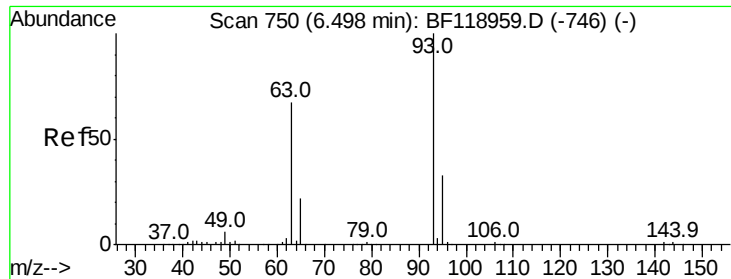
65 31.9 19.2 59.2

66 51.4 44.4 84.4



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

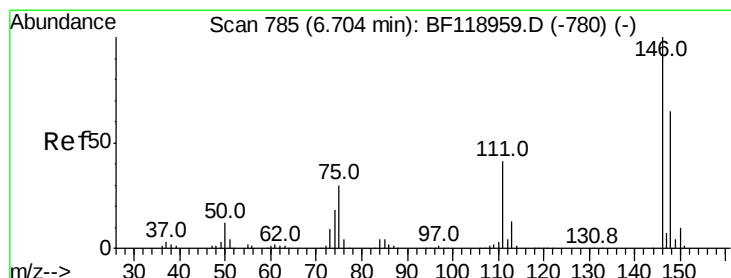
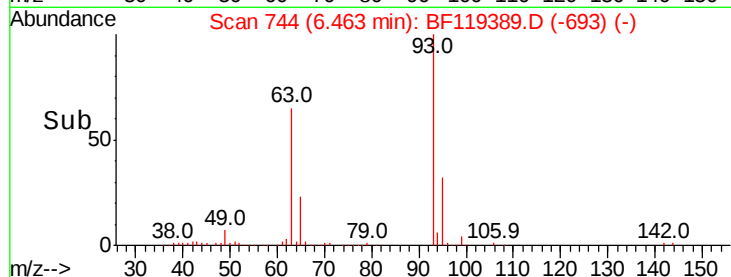
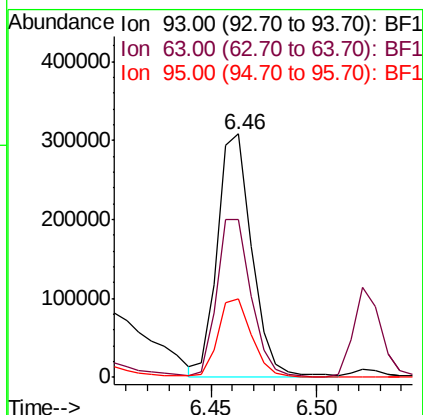
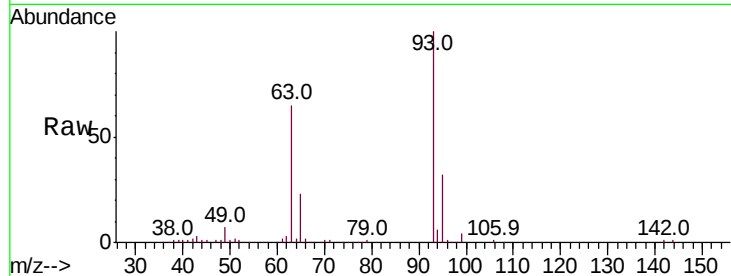




#11
bis(2-Chloroethyl)ether
Concen: 51.686 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

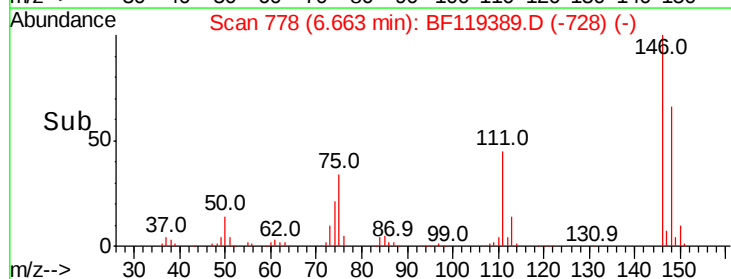
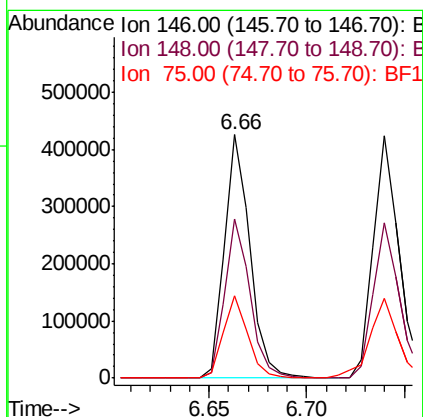
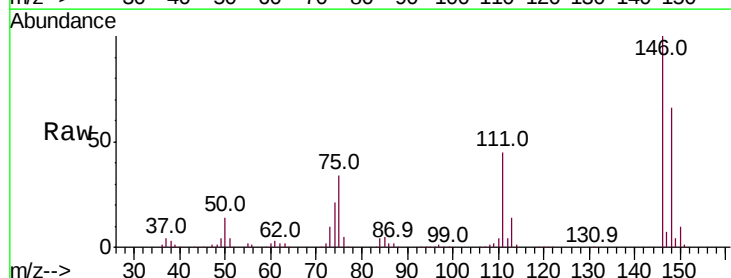
Instrument :
BNA_F
ClientSampleId :

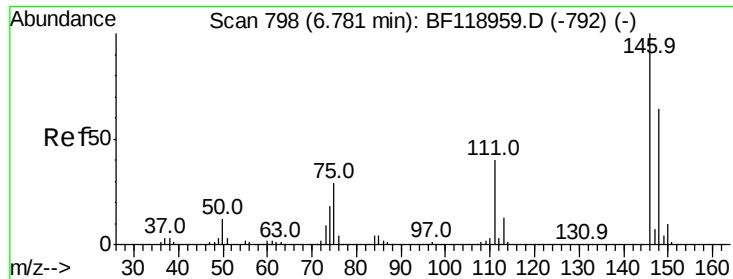
Tot Ion: 93 Resp: 351061
Ion Ratio Lower Upper
93 100
63 65.0 45.4 85.4
95 32.4 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 44.284 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Tgt Ion: 146 Resp: 386703
Ion Ratio Lower Upper
146 100
148 65.6 52.5 78.7
75 33.9 23.6 35.4

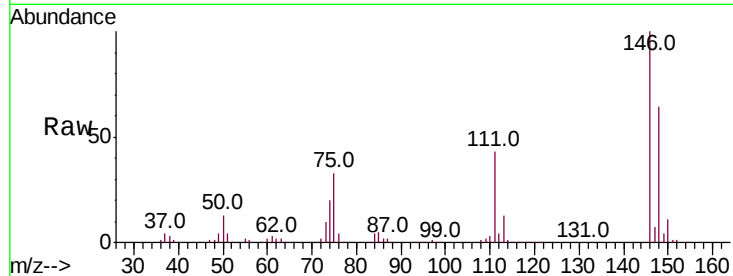




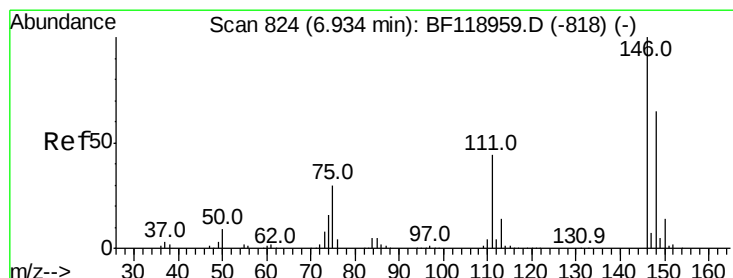
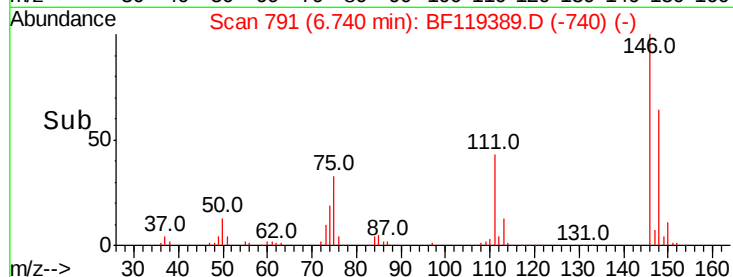
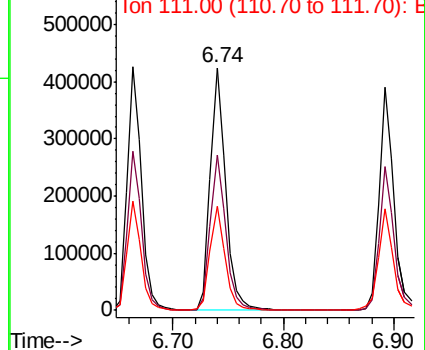
#13
 1,4-Dichlorobenzene
 Concen: 45.908 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF119389.D
 Acq: 12 Mar 2020 19:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 401159
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 42.6 34.8 52.2

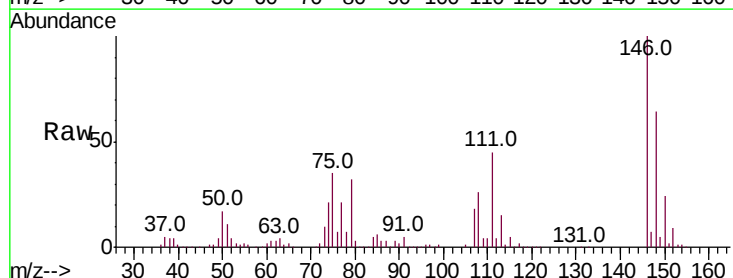


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

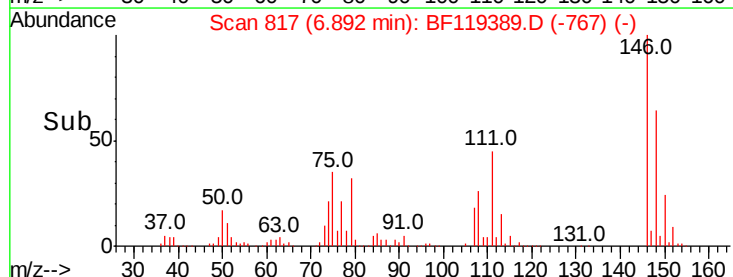
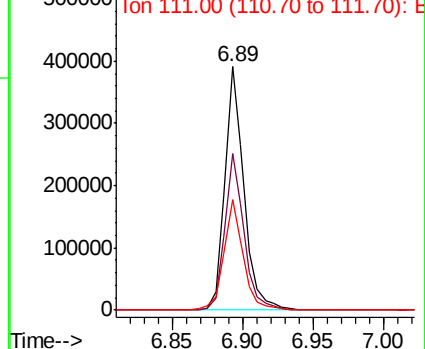


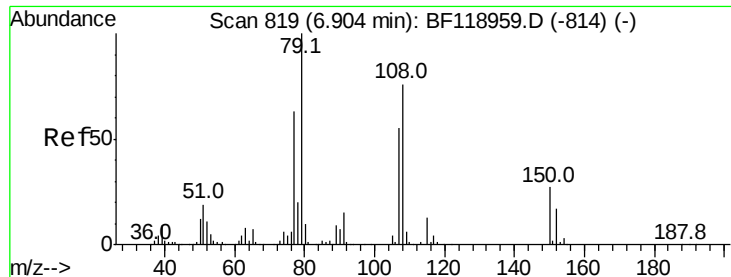
#14
 1,2-Dichlorobenzene
 Concen: 45.754 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF119389.D
 Acq: 12 Mar 2020 19:33

Tgt Ion:146 Resp: 364624
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.9 77.9
 111 45.2 36.2 54.2



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: 54.135 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampled :

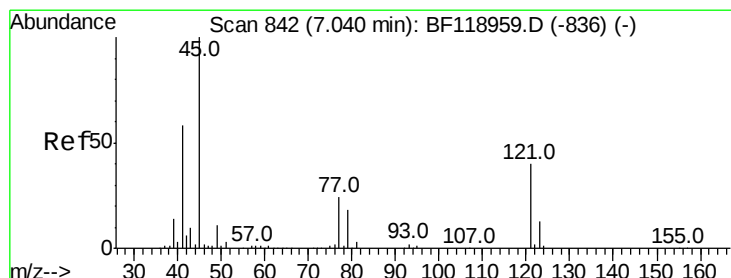
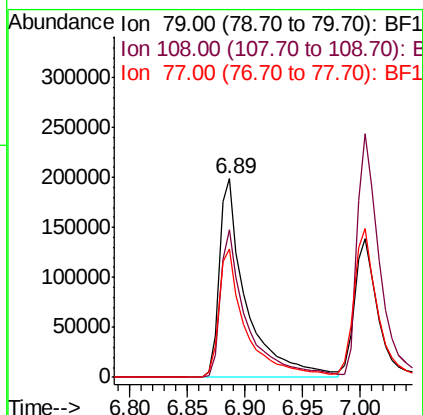
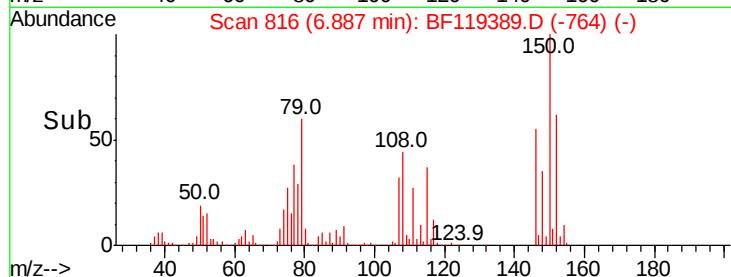
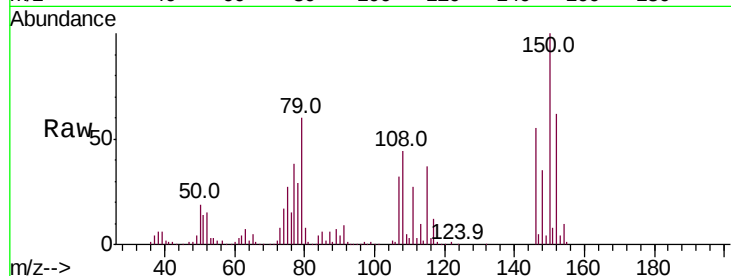
Tot Ion: 79 Resp: 321236

Ion Ratio Lower Upper

79 100

108 74.1 58.2 87.2

77 64.4 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.258 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

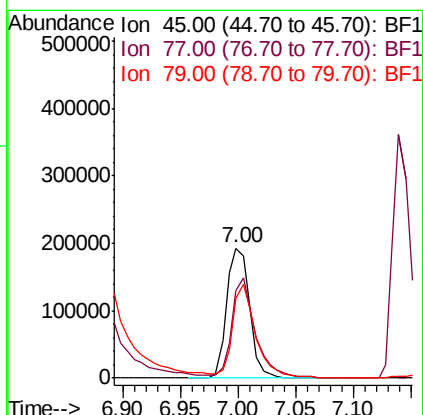
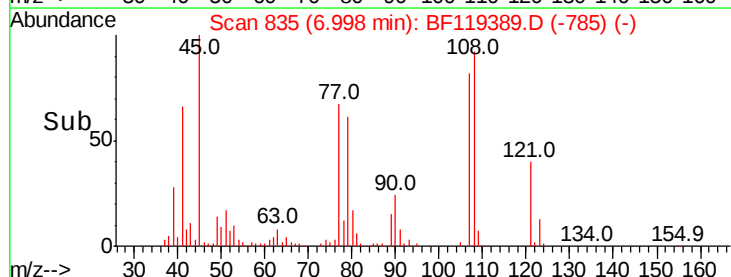
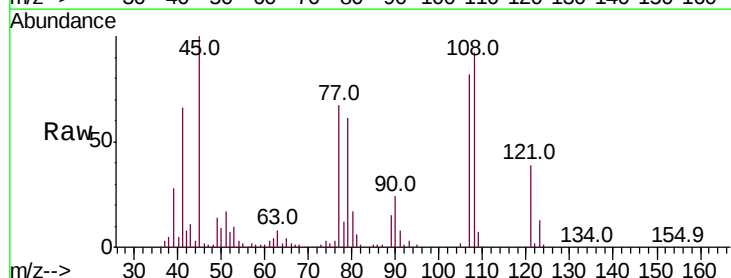
Tgt Ion: 45 Resp: 266282

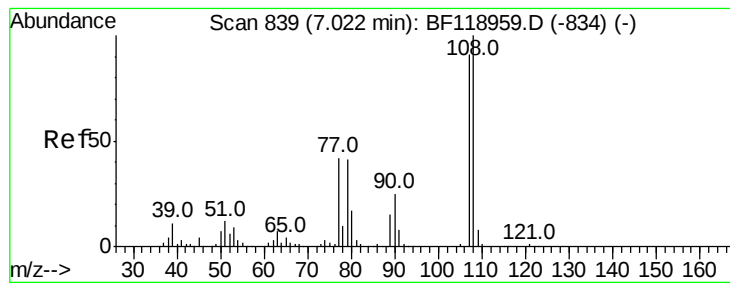
Ion Ratio Lower Upper

45 100

77 67.2 15.0 55.0#

79 61.2 9.4 49.4#





#17

2-Methylphenol

Concen: 50.214 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 296609

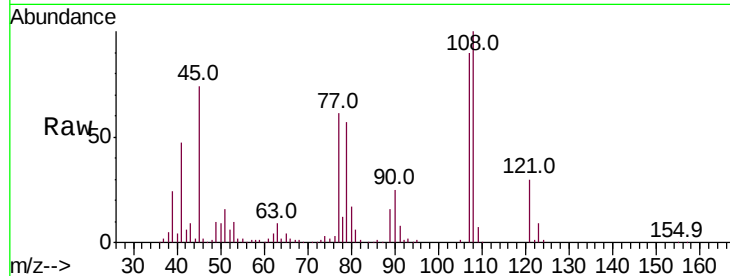
Ion Ratio Lower Upper

107 100

108 110.9 87.9 131.9

77 67.9 45.3 67.9

79 63.4 43.0 64.4



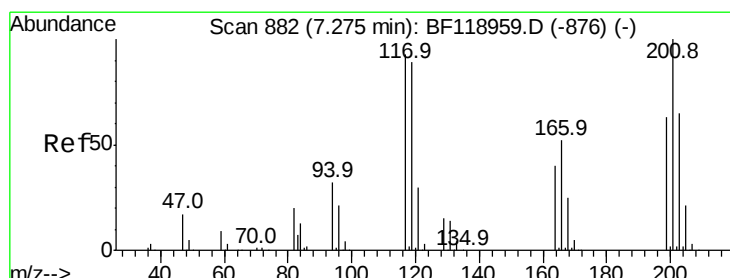
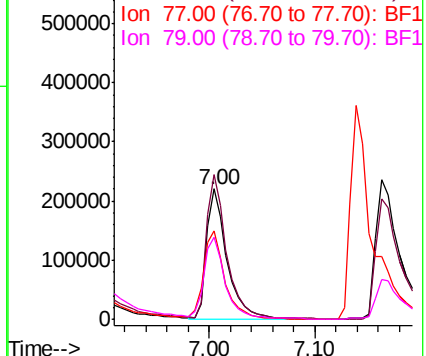
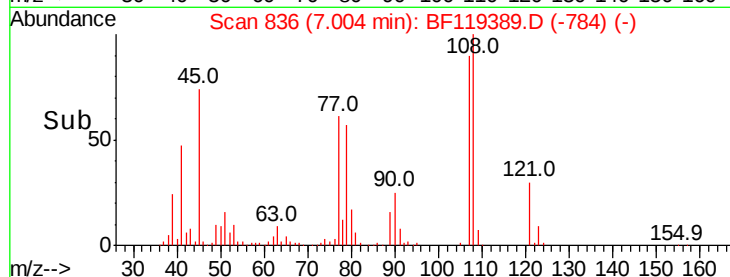
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 45.760 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

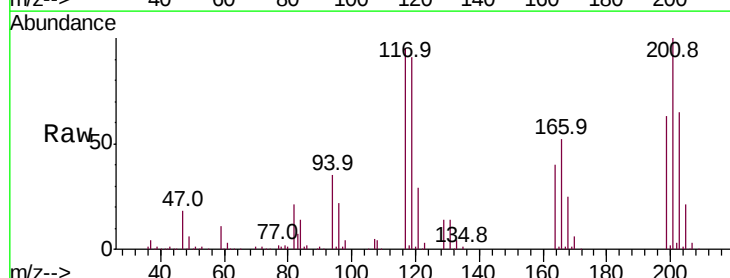
Tgt Ion:117 Resp: 143057

Ion Ratio Lower Upper

117 100

119 95.8 77.5 116.3

201 105.6 82.6 123.8

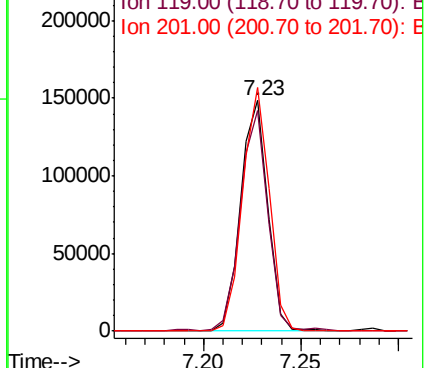
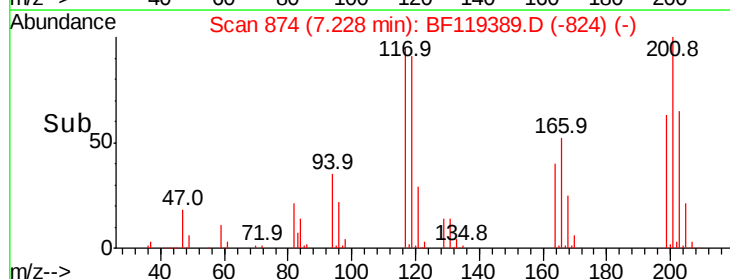


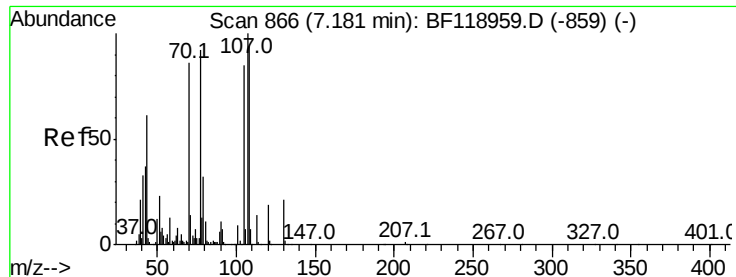
Abundance

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

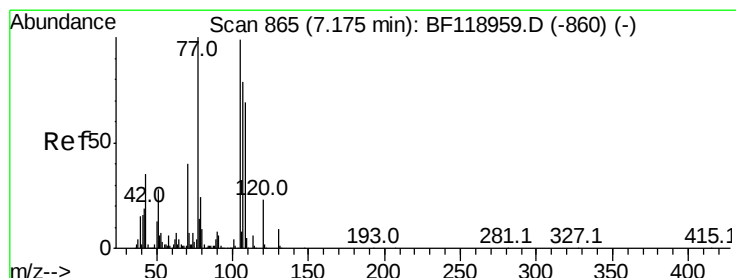
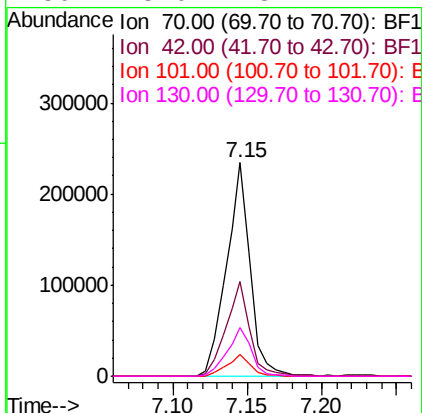
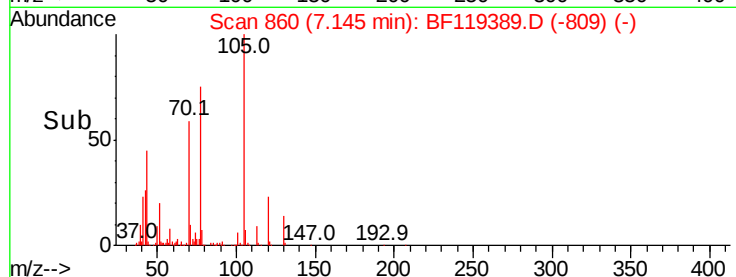
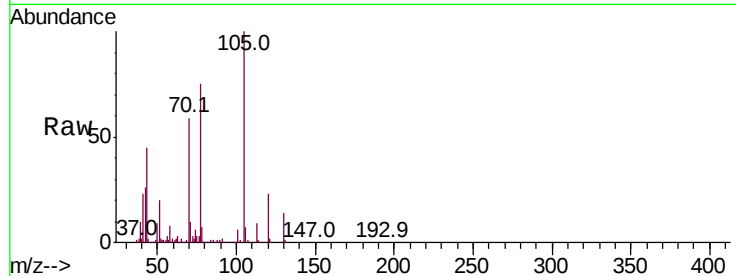




#19
n-Nitroso-di-n-propylamine
Concen: 54.819 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

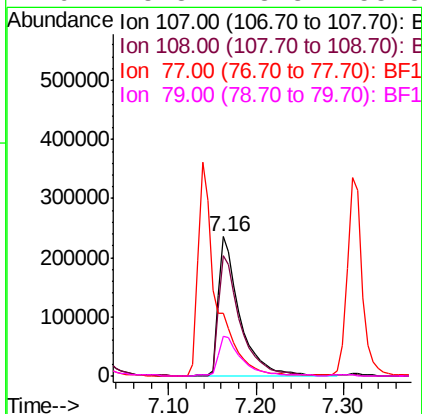
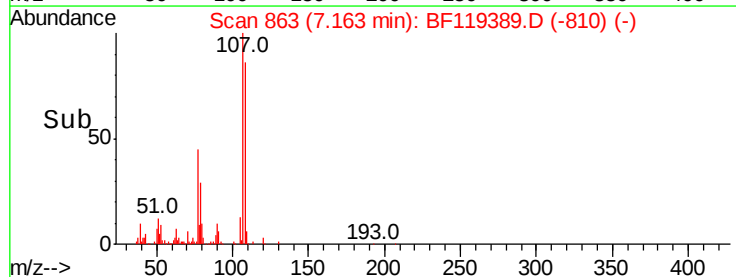
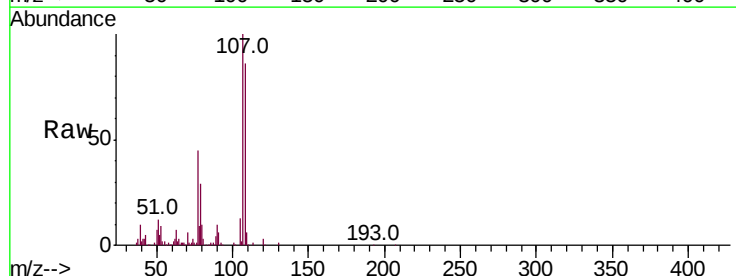
Instrument :
BNA_F
ClientSampleId :

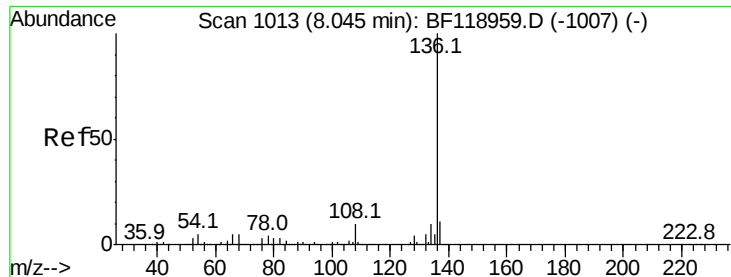
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.2	38.0	57.0
101	10.5	8.2	12.4
130	23.0	18.2	27.4



#20
3+4-Methylphenols
Concen: 55.470 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	71.5	111.5
77	44.8	45.9	85.9
79	28.8	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 432293

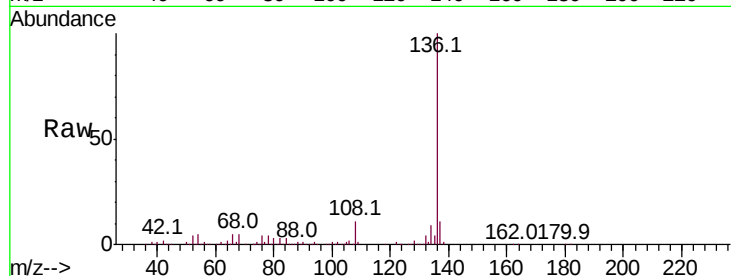
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.1 3.8 5.6

68 5.3 3.9 5.9

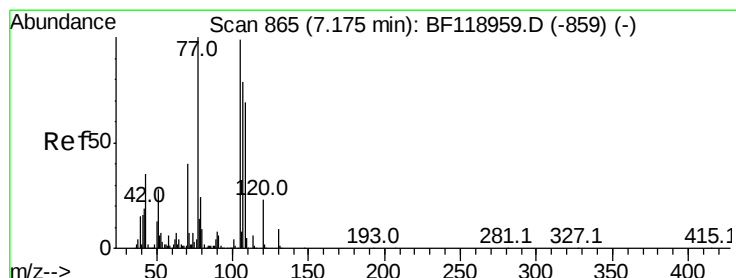
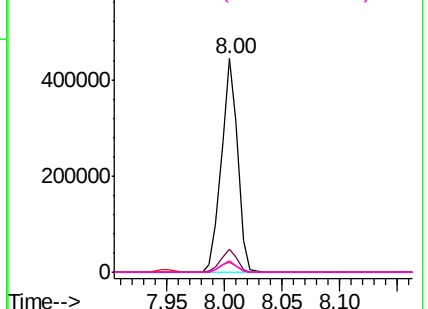
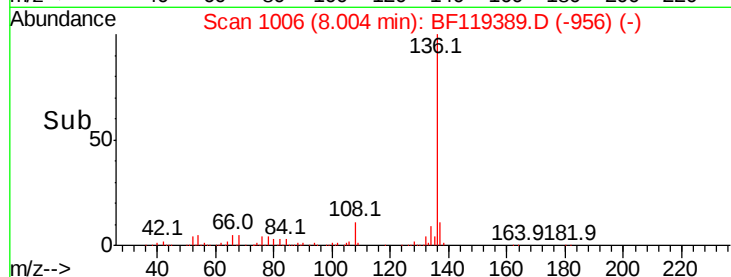


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.378 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Tgt Ion:105 Resp: 513890

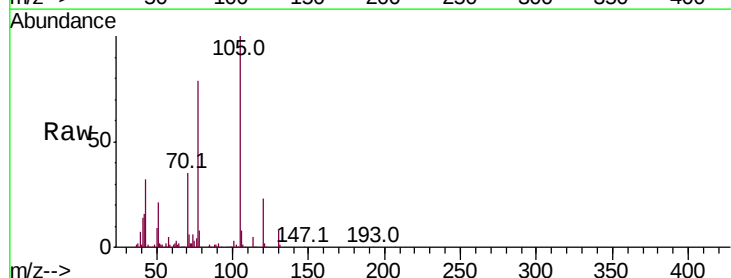
Ion Ratio Lower Upper

105 100

71 5.9 3.0 4.4#

51 21.0 20.1 30.1

120 22.6 18.0 27.0

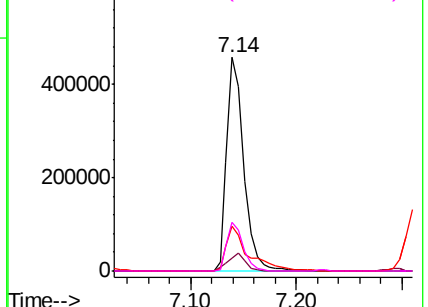
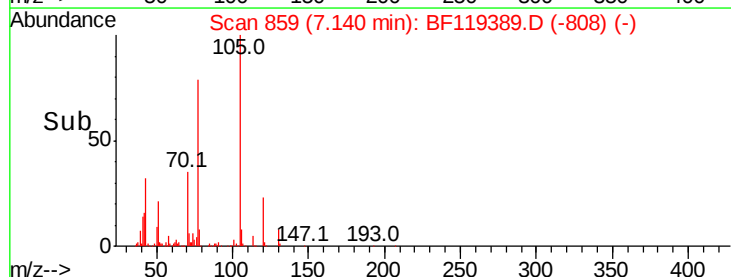


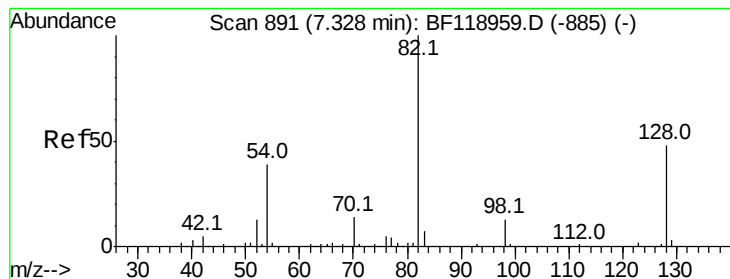
Abundance Ion 105.00 (104.70 to 105.70): E

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: 93.877 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampled :

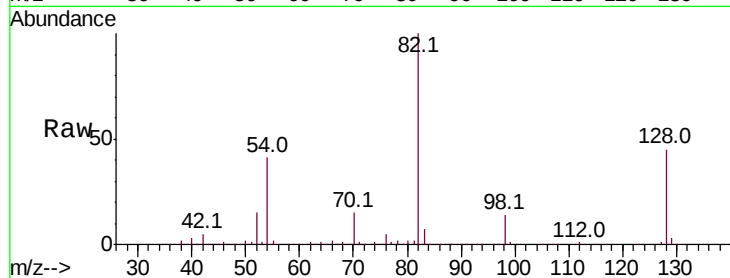
Tot Ion: 82 Resp: 768603

Ion Ratio Lower Upper

82 100

128 45.5 37.9 56.9

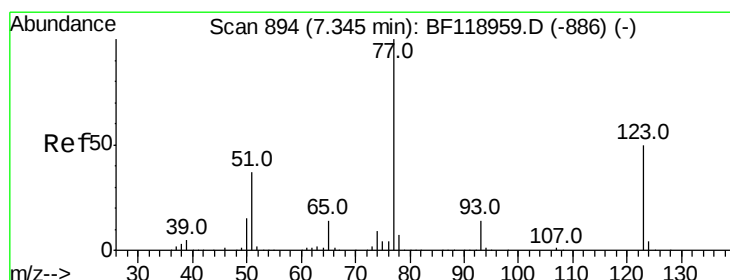
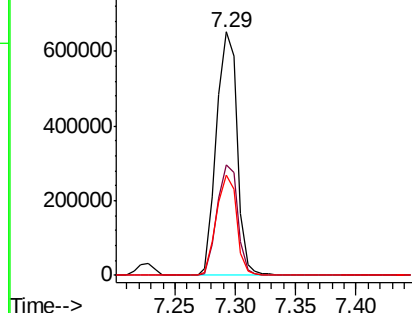
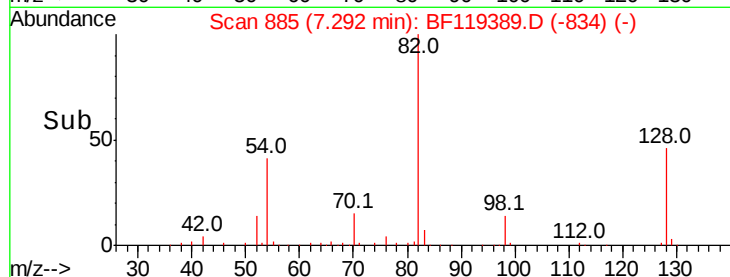
54 41.1 33.4 50.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 48.953 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

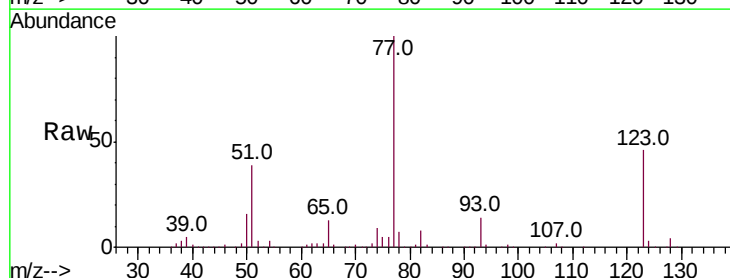
Tgt Ion: 77 Resp: 396347

Ion Ratio Lower Upper

77 100

123 46.4 40.2 60.2

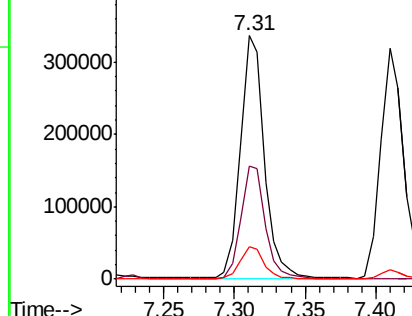
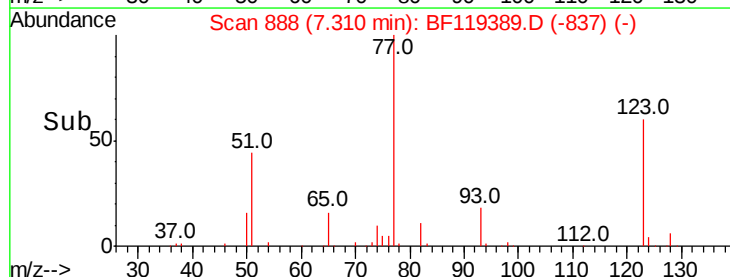
65 13.5 10.8 16.2

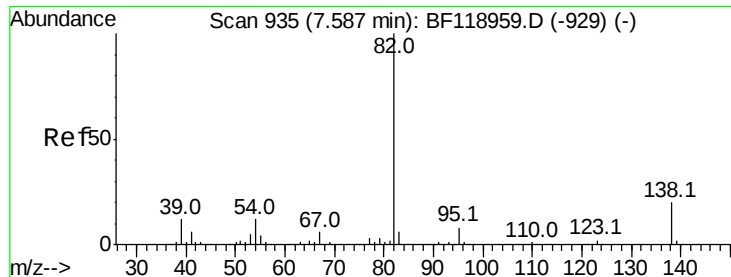


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 50.733 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampleId :

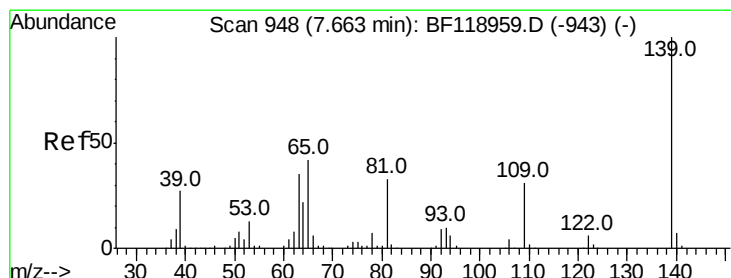
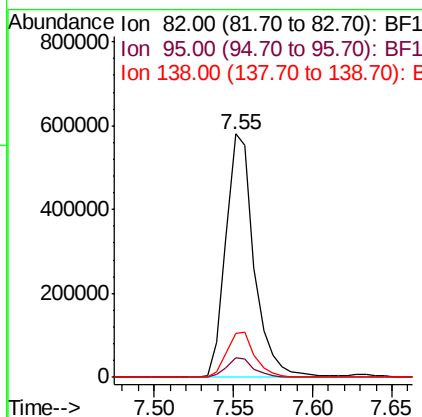
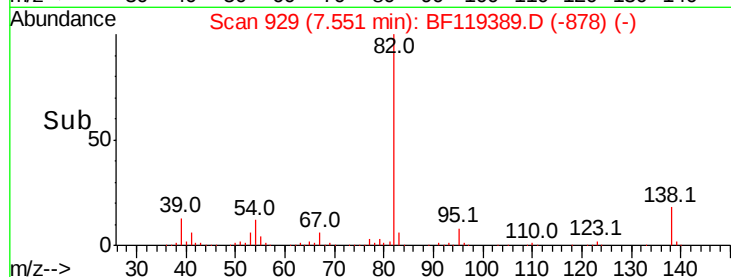
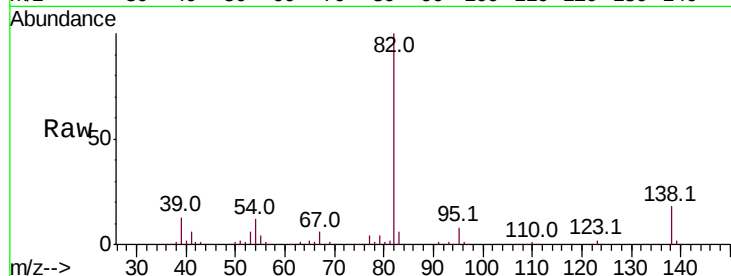
Tot Ion: 82 Resp: 721371

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

138 17.9 15.7 23.5



#26

2-Nitrophenol

Concen: 48.122 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

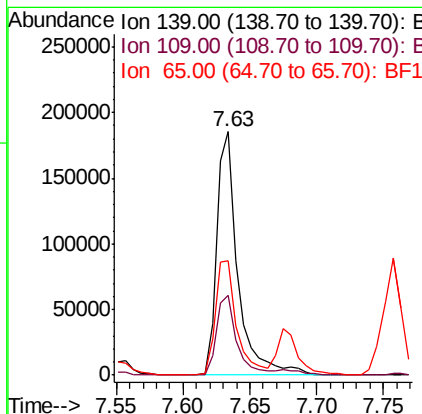
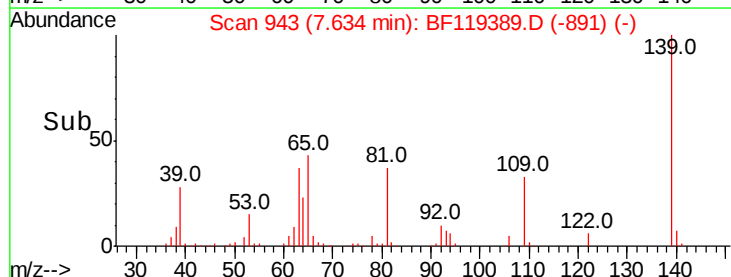
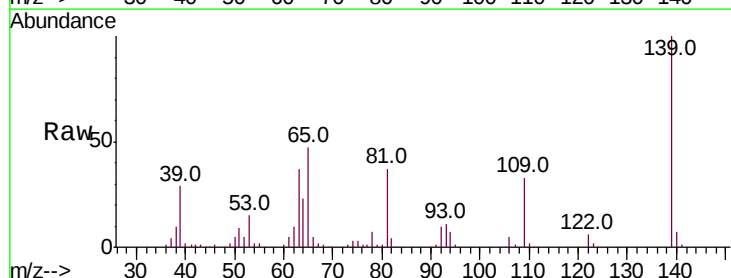
Tgt Ion: 139 Resp: 206437

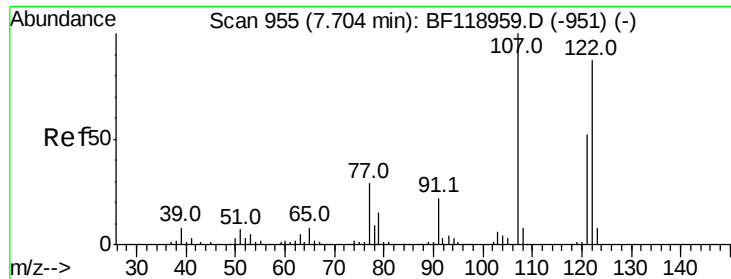
Ion Ratio Lower Upper

139 100

109 32.6 25.7 38.5

65 46.8 37.1 55.7

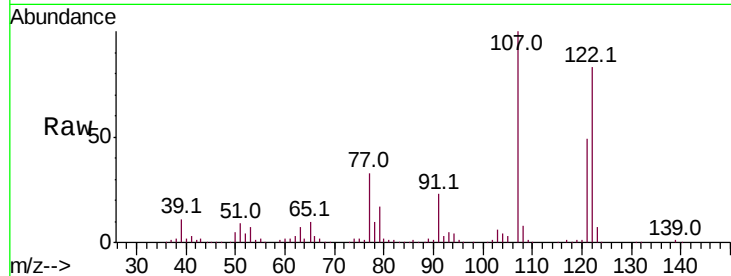




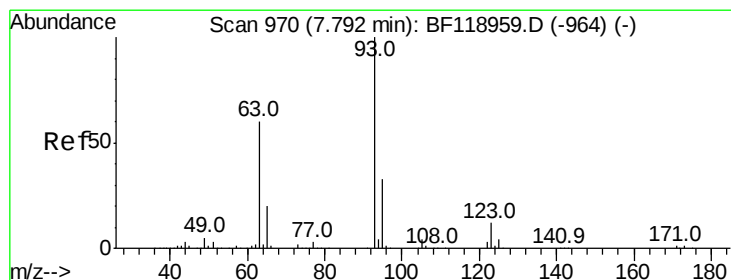
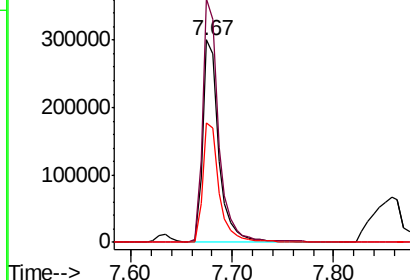
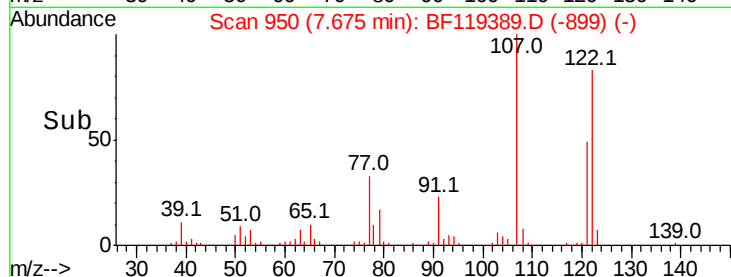
#27
2,4-Dimethylphenol
Concen: 56.564 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 329326
Ion Ratio Lower Upper
122 100
107 120.3 93.8 140.6
121 59.3 48.2 72.2

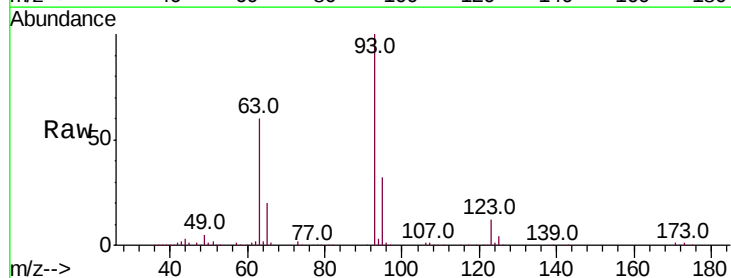


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

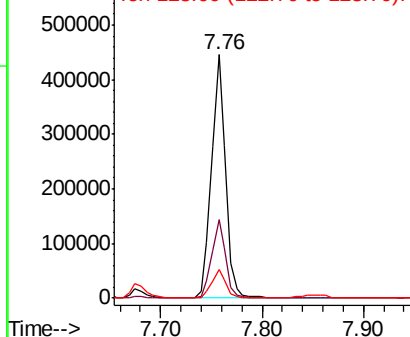
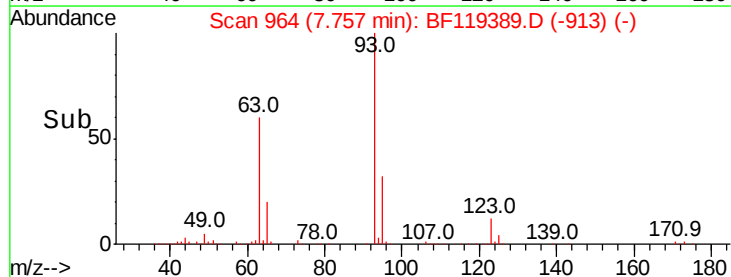


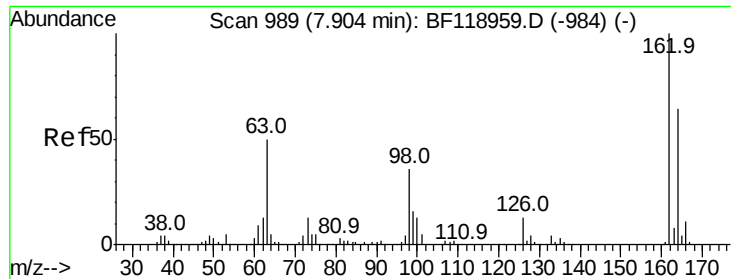
#28
bis(2-Chloroethoxy)methane
Concen: 46.782 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Tgt Ion: 93 Resp: 432975
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 11.8 10.2 15.2



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

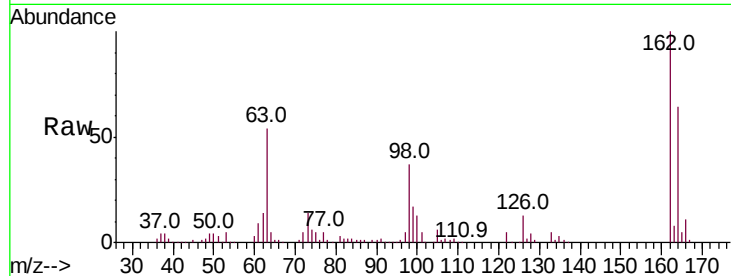




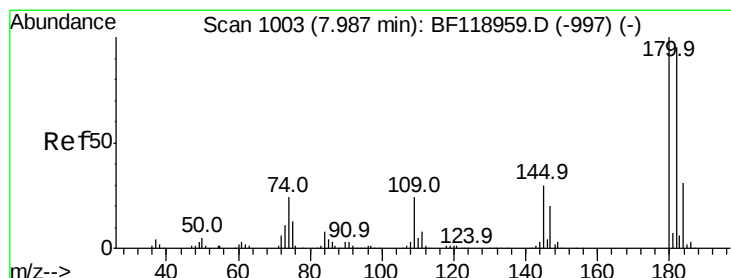
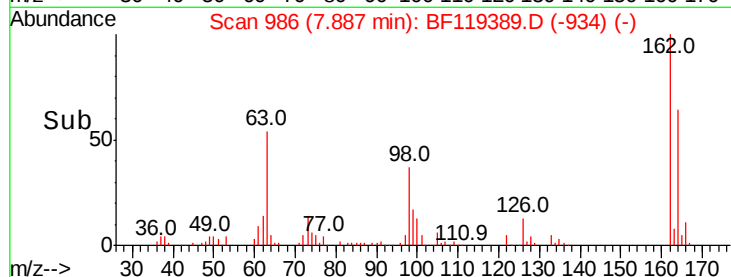
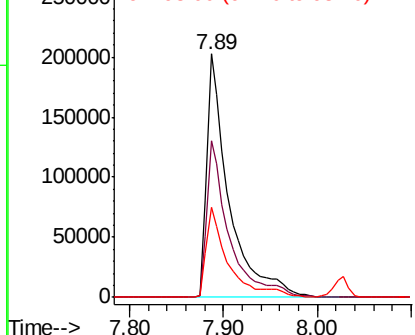
#29
 2,4-Dichlorophenol
 Concen: 48.630 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF119389.D
 Acq: 12 Mar 2020 19:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 333311
 Ion Ratio Lower Upper
 162 100
 164 64.5 45.2 85.2
 98 36.9 17.4 57.4

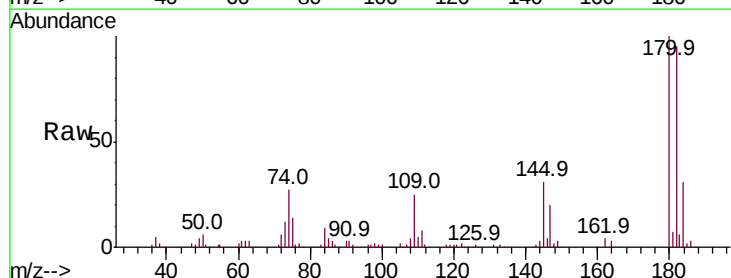


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

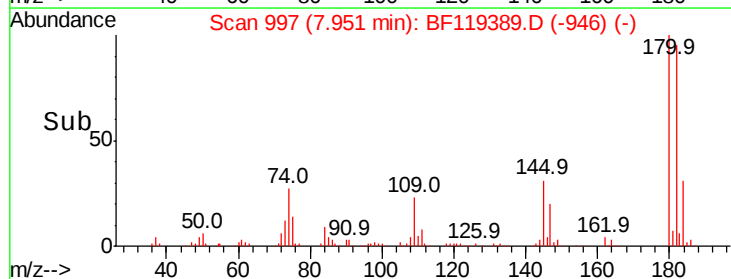
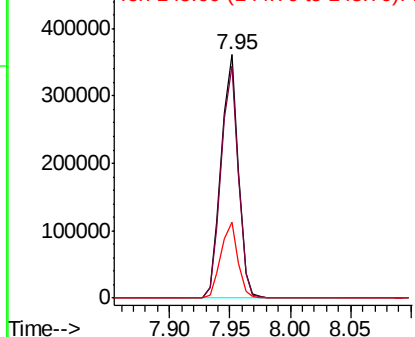


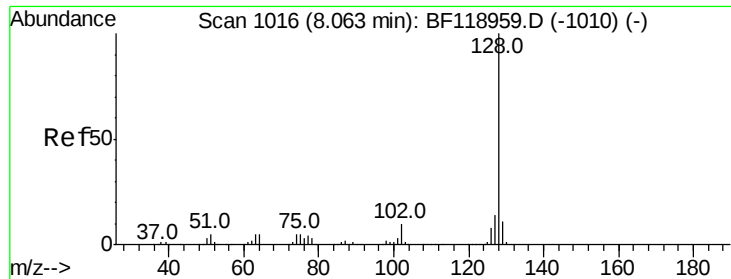
#30
 1,2,4-Trichlorobenzene
 Concen: 43.547 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF119389.D
 Acq: 12 Mar 2020 19:33

Tgt Ion:180 Resp: 353883
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.8 116.6
 145 31.3 25.2 37.8



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

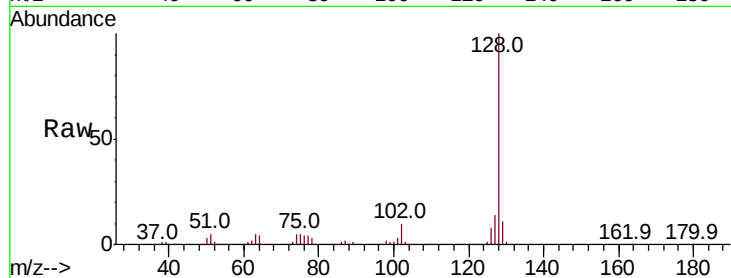




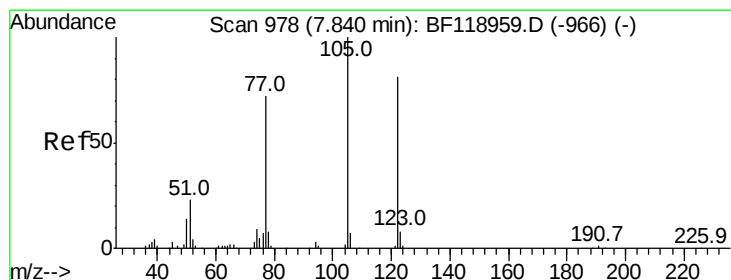
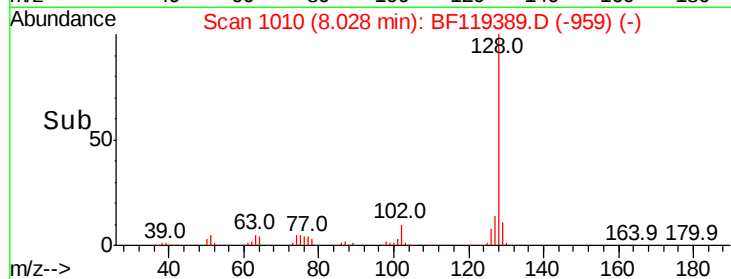
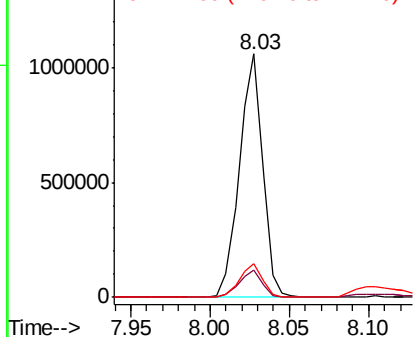
#31
Naphthalene
Concen: 47.992 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1075952
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.7 11.4 17.2

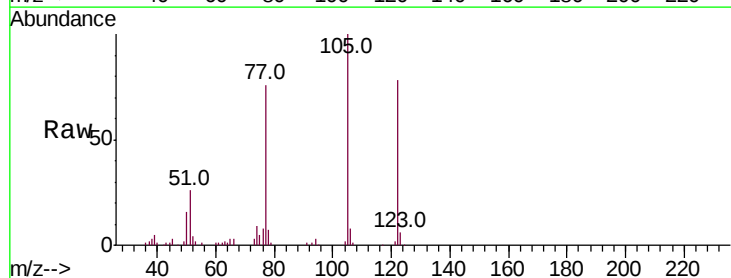


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

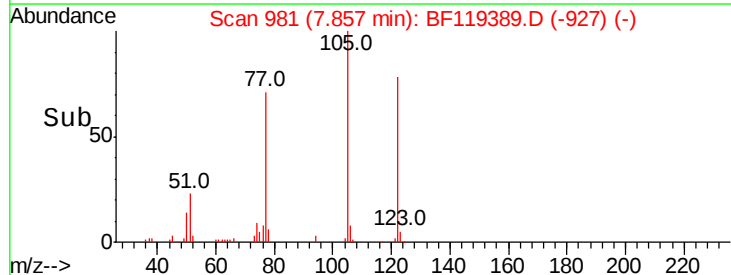
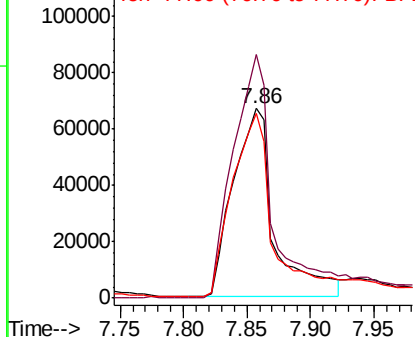


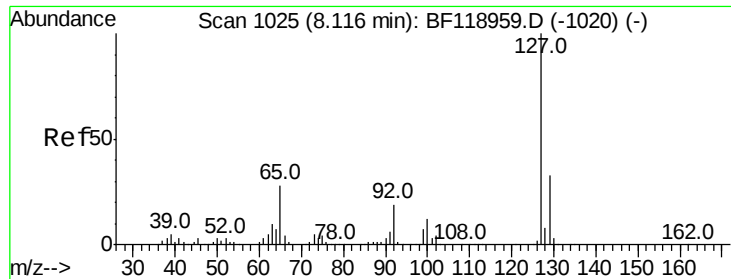
#32
Benzoic acid
Concen: 37.125 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.02 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Tgt Ion:122 Resp: 150248
Ion Ratio Lower Upper
122 100
105 128.5 106.3 146.3
77 97.7 73.1 113.1



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

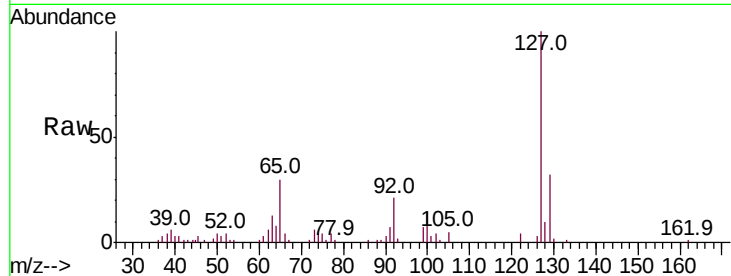




#33
4-Chloroaniline
Concen: 11.811 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	113892
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	30.1	23.9	35.9
92	21.3	16.3	24.5



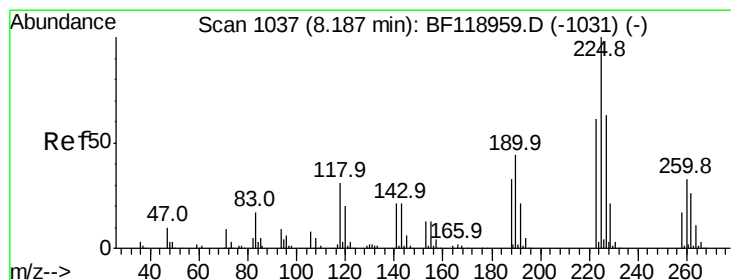
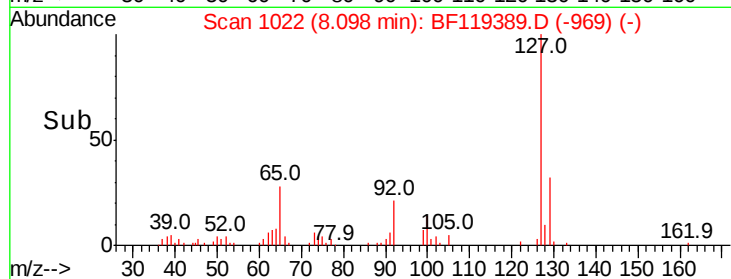
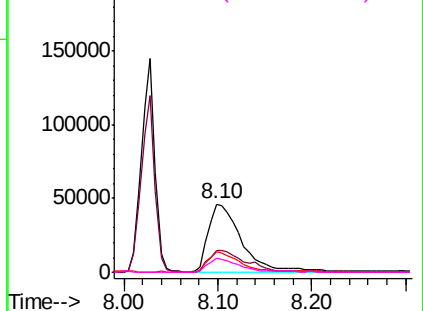
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

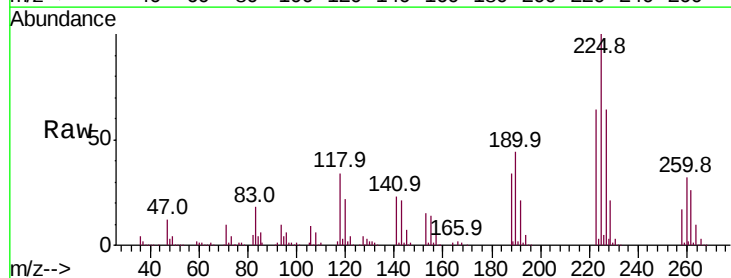
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.279 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Tgt Ion:	225	Resp:	214014
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.4	74.2
227	64.3	52.9	79.3

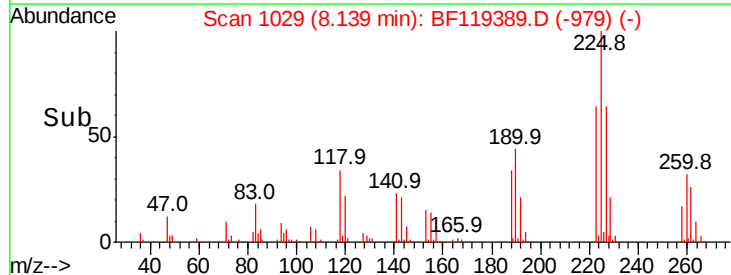
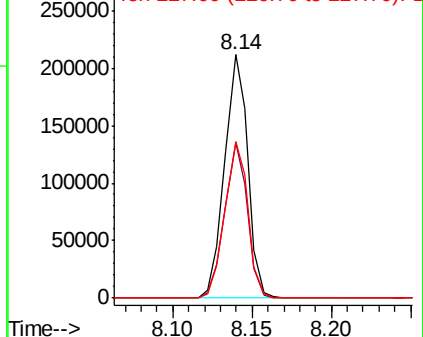


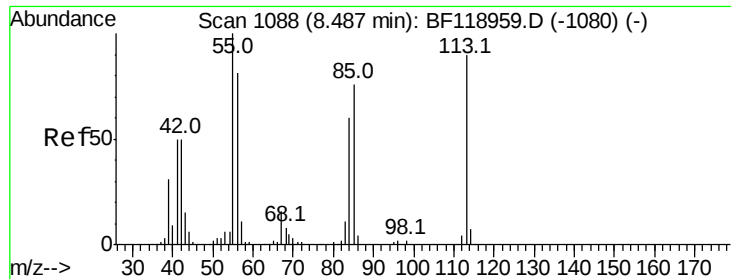
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 19.476 ng

RT: 8.47 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampled :

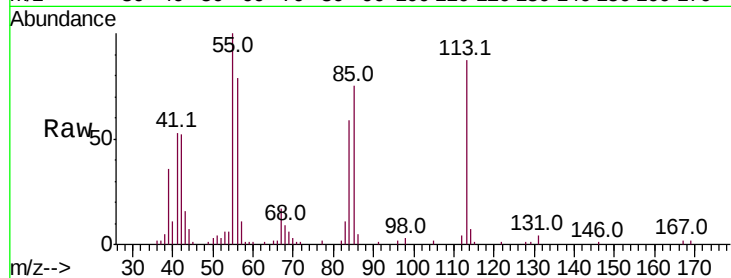
Tot Ion:113 Resp: 41104

Ion Ratio Lower Upper

113 100

55 114.9 95.7 135.7

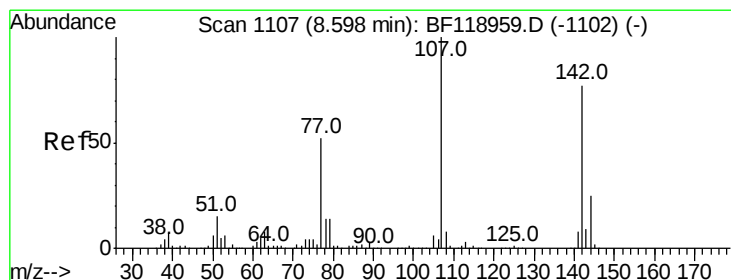
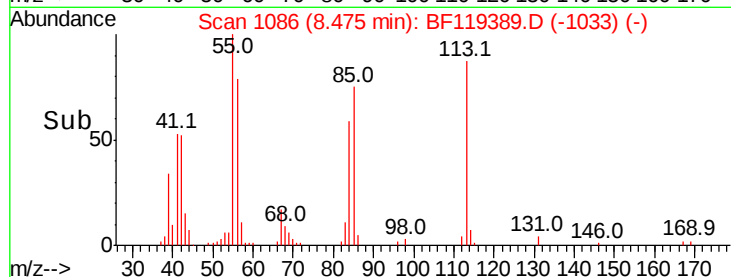
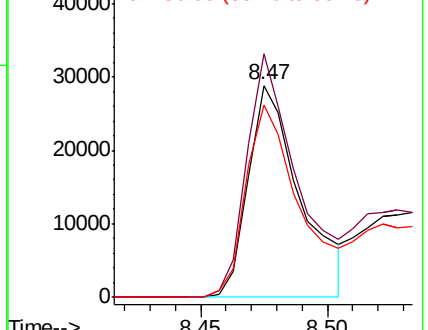
56 90.6 73.1 113.1



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: 52.100 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

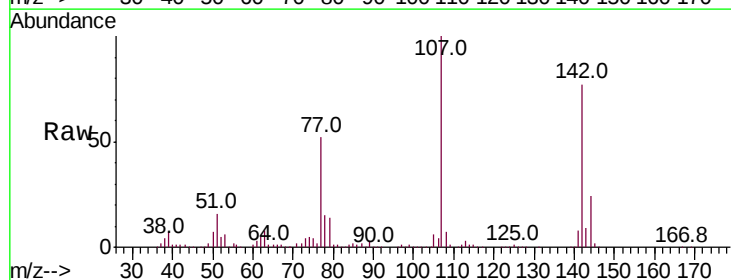
Tgt Ion:107 Resp: 361399

Ion Ratio Lower Upper

107 100

144 24.5 20.1 30.1

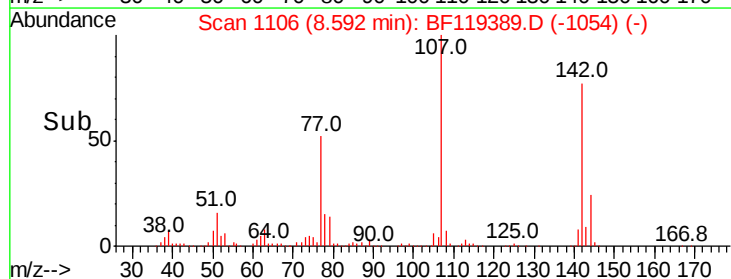
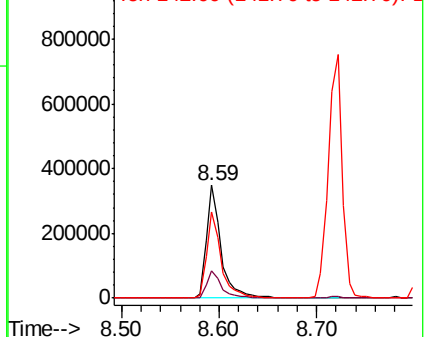
142 77.0 61.4 92.2

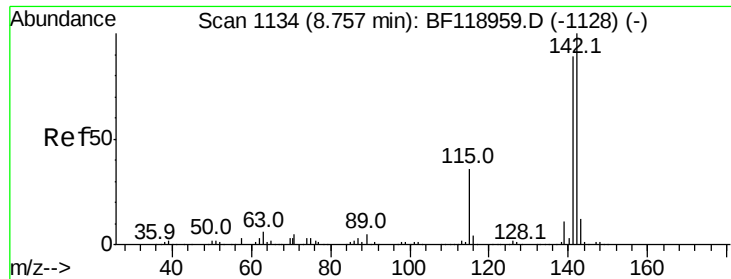


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

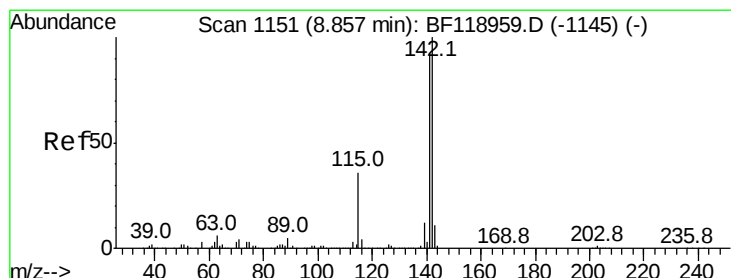
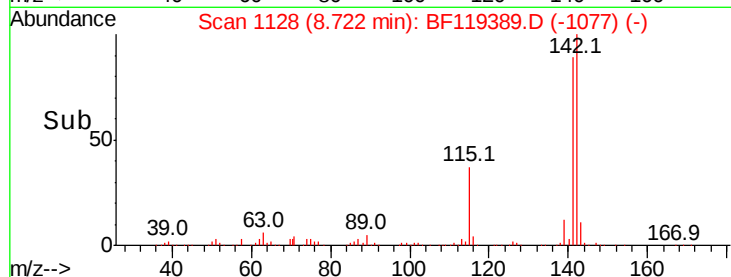
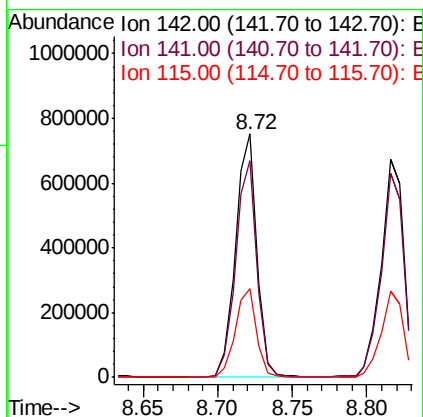
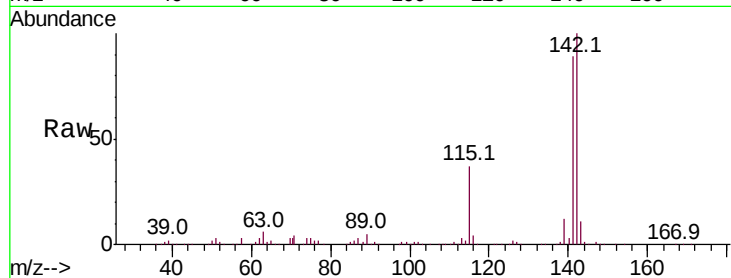




#37
 2-Methylnaphthalene
 Concen: 49.594 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF119389.D
 Acq: 12 Mar 2020 19:33

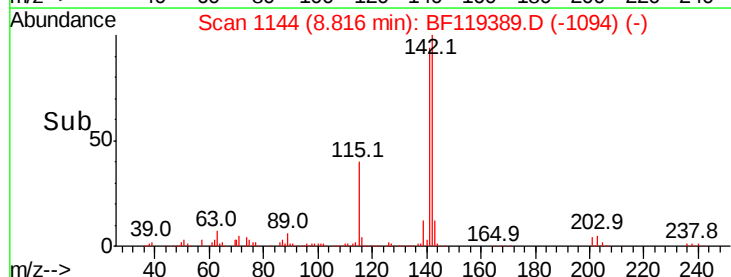
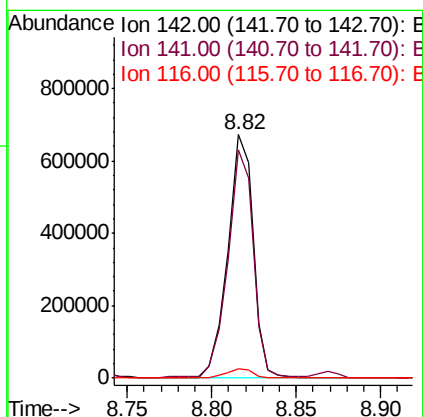
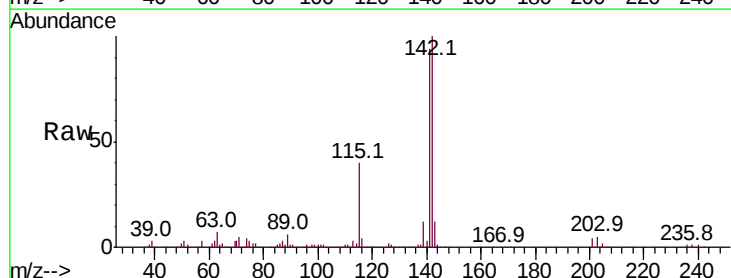
Instrument :
 BNA_F
 ClientSampleId :

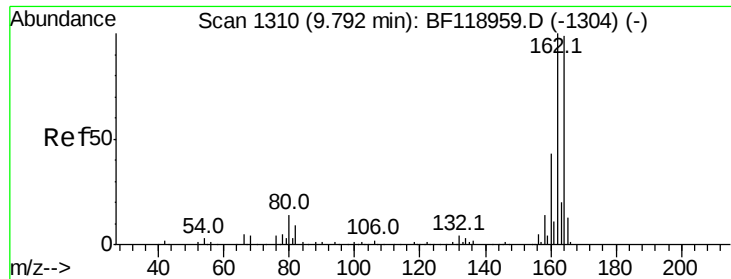
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.3	108.5
115	36.7	30.6	45.8



#38
 1-Methylnaphthalene
 Concen: 49.296 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF119389.D
 Acq: 12 Mar 2020 19:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.8	113.6
116	4.1	3.1	4.7

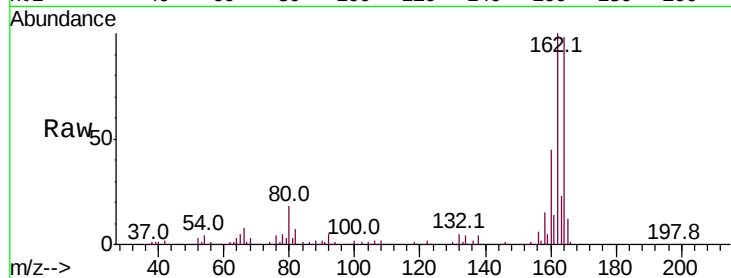




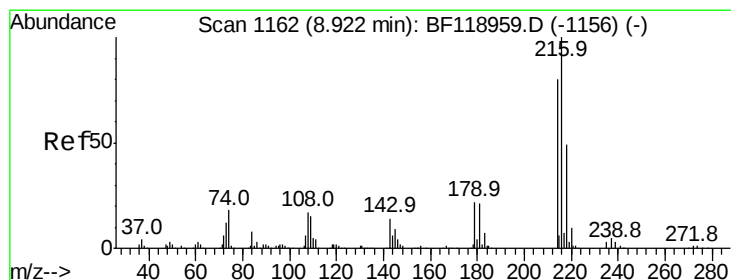
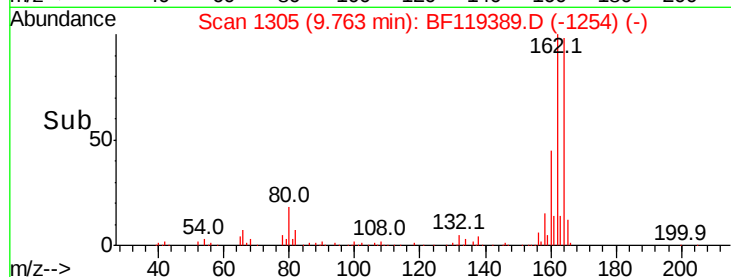
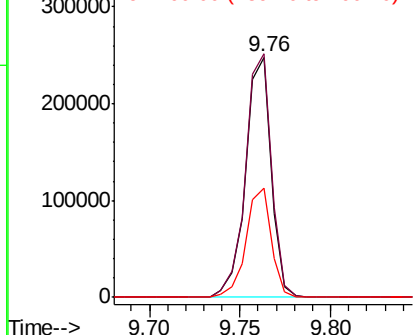
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 242303
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.8
160 45.4 36.0 54.0

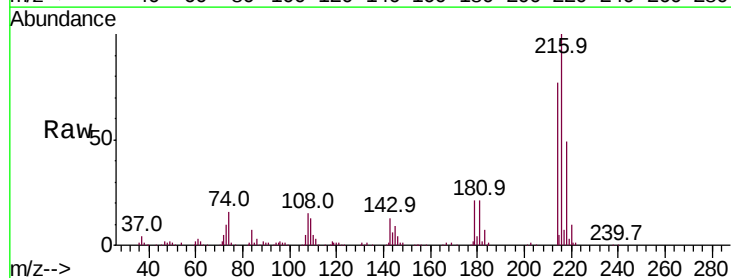


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

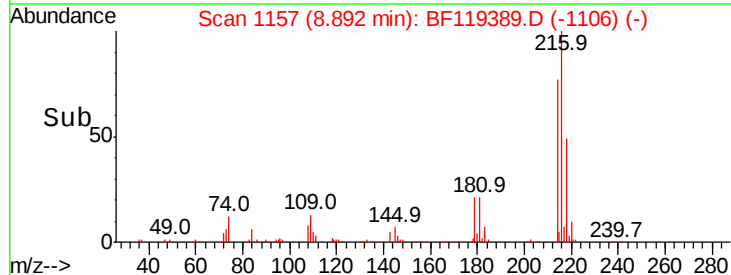
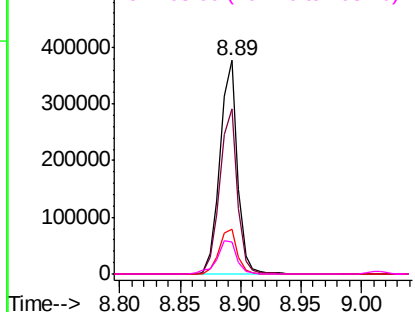


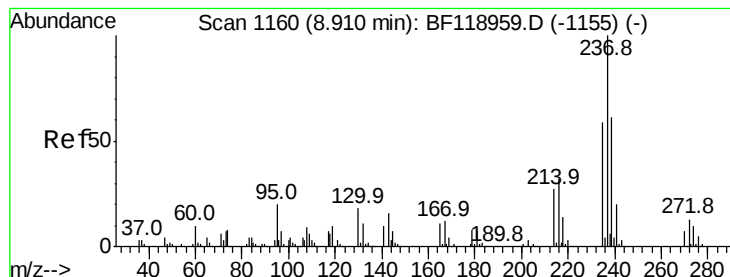
#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.828 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Tgt Ion:216 Resp: 374391
Ion Ratio Lower Upper
216 100
214 78.0 63.3 94.9
179 21.7 17.7 26.5
108 17.8 13.9 20.9



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: 47.088 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampleId :

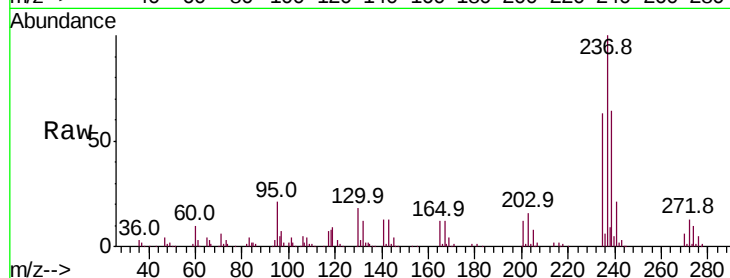
Tot Ion:237 Resp: 127003

Ion Ratio Lower Upper

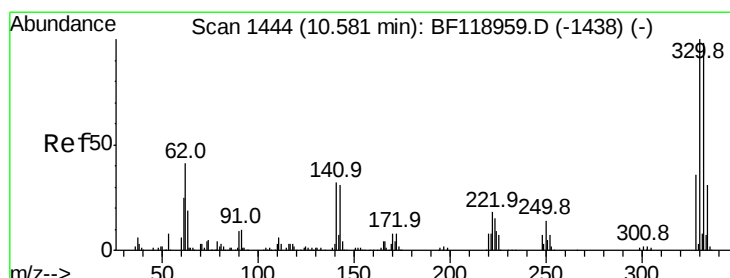
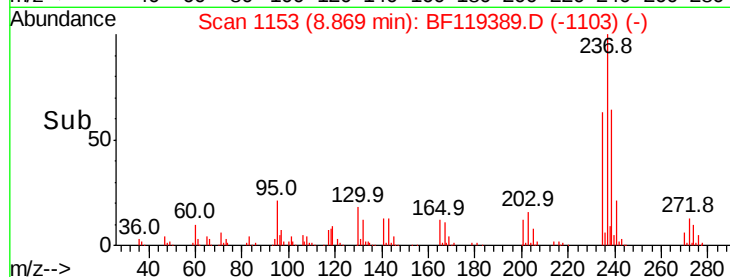
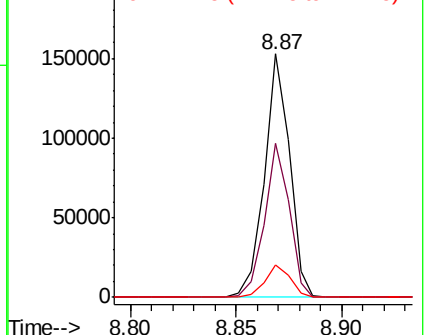
237 100

235 63.5 42.3 82.3

272 13.1 0.0 33.5



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: 133.730 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

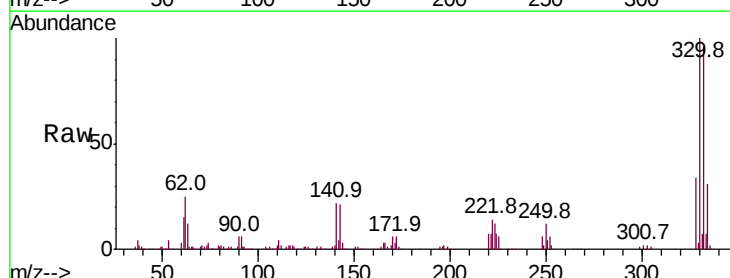
Tgt Ion:330 Resp: 423889

Ion Ratio Lower Upper

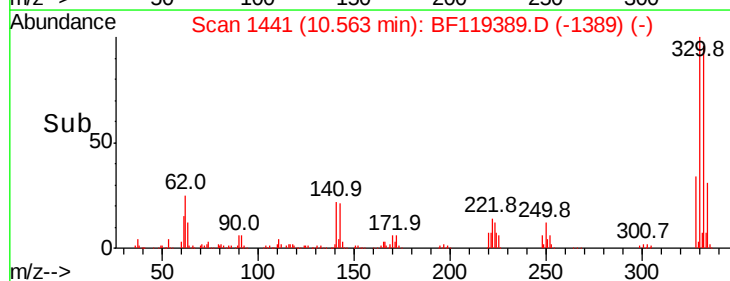
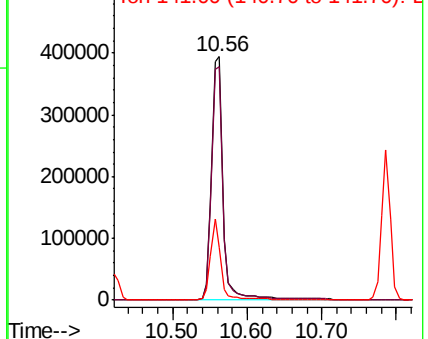
330 100

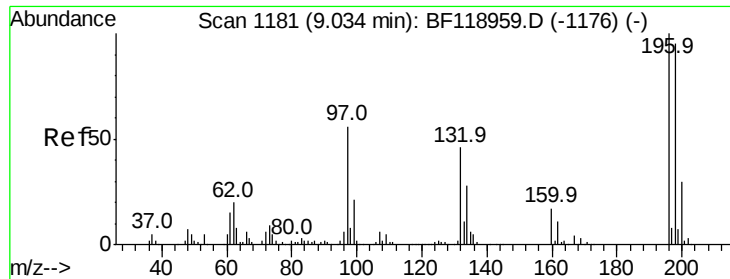
332 96.7 76.0 114.0

141 29.3 22.9 34.3



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

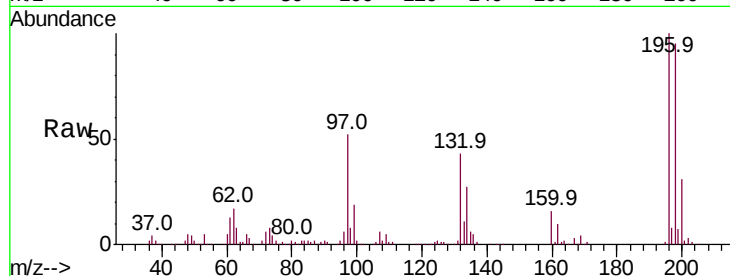




#43
 2,4,6-Trichlorophenol
 Concen: 44.719 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF119389.D
 Acq: 12 Mar 2020 19:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.1	115.7
200	31.2	25.0	37.6

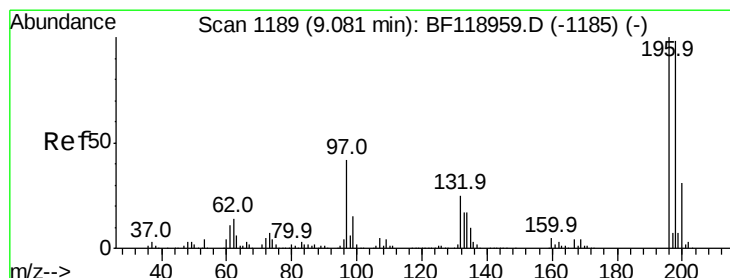
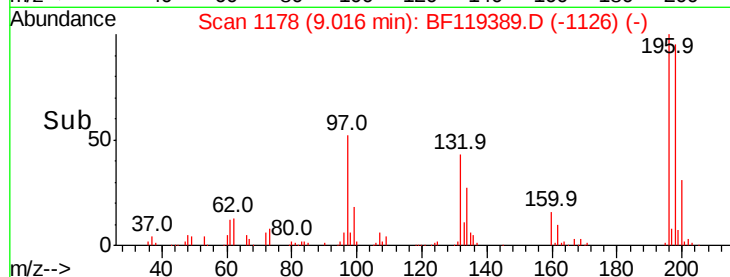
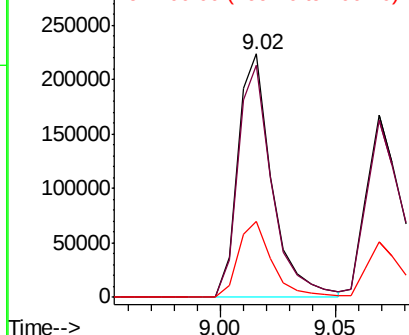


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.304 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF119389.D
 Acq: 12 Mar 2020 19:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.8	115.2
97	51.5	38.5	57.7
132	29.7	22.2	33.4

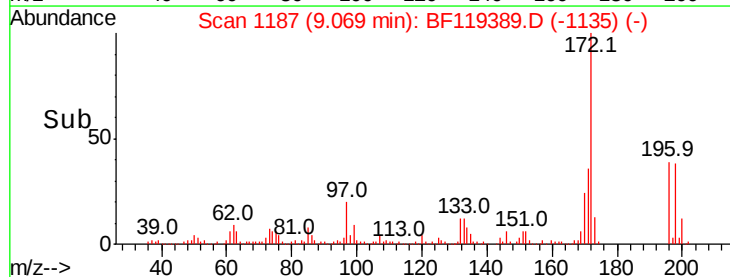
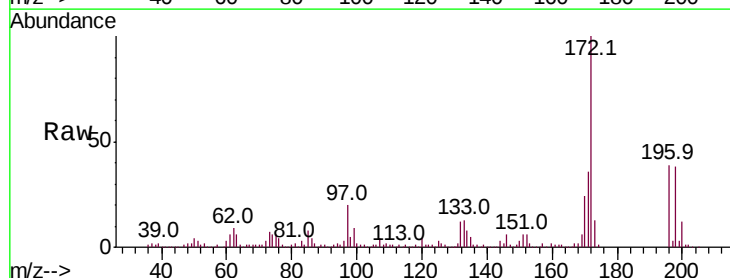
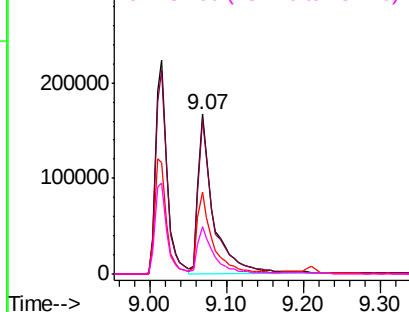
Abundance

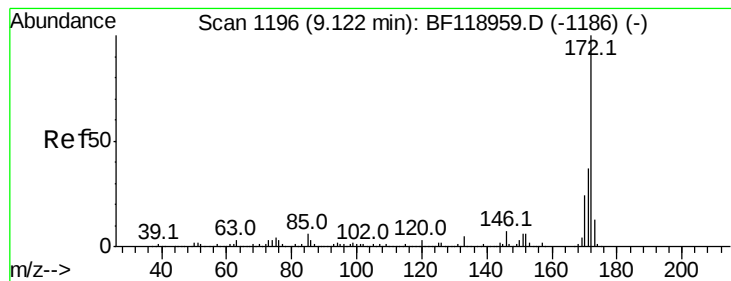
Ion 196.00 (195.70 to 196.70): E

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: 91.133 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampleId :

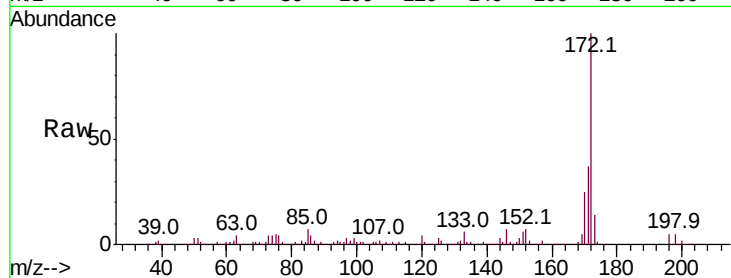
Tot Ion:172 Resp: 1498925

Ion Ratio Lower Upper

172 100

171 37.2 30.6 45.8

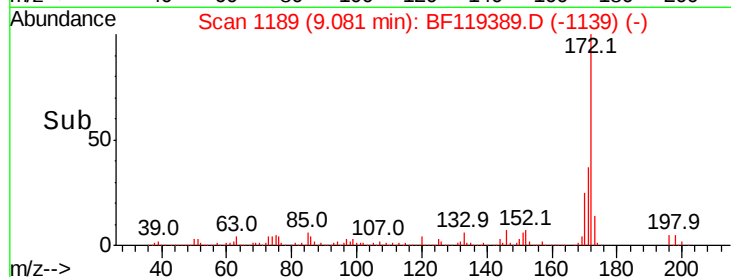
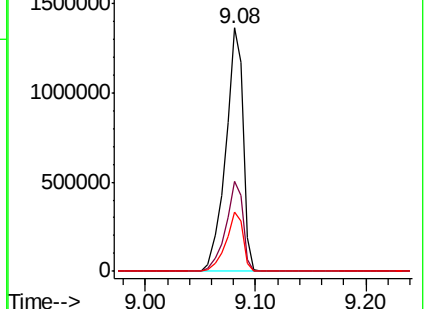
170 24.6 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 46.887 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

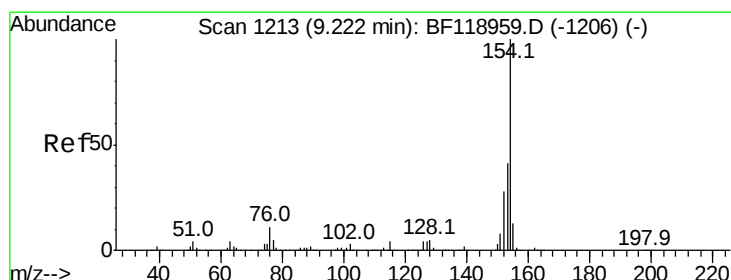
Tgt Ion:154 Resp: 918196

Ion Ratio Lower Upper

154 100

153 41.9 22.8 62.8

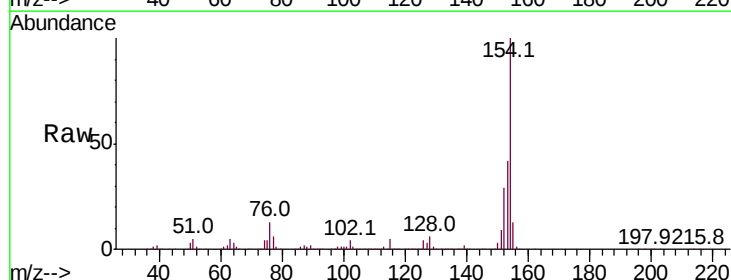
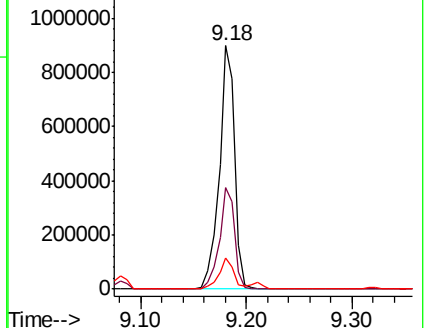
76 12.6 0.0 32.2

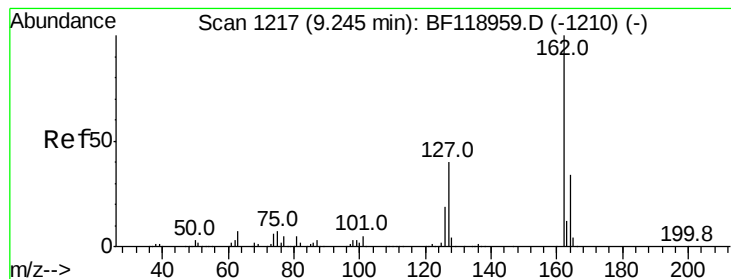


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 46.411 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampleId :

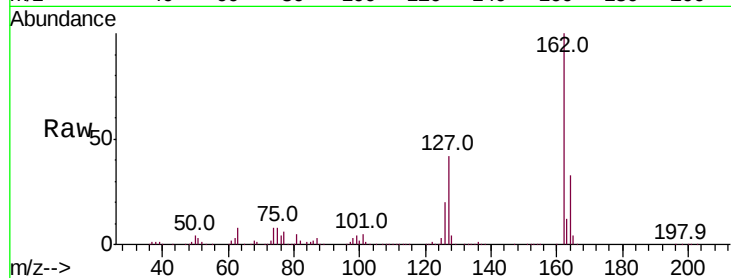
Tot Ion:162 Resp: 732412

Ion Ratio Lower Upper

162 100

127 42.4 35.0 52.4

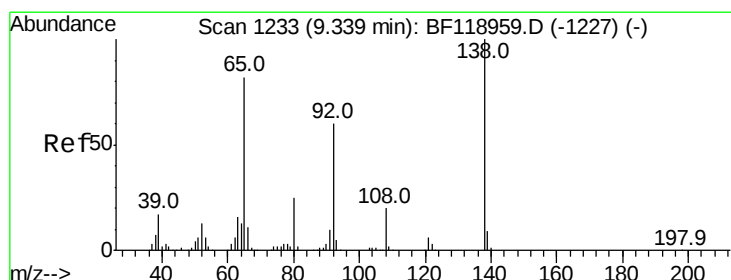
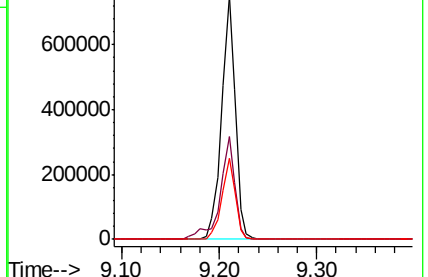
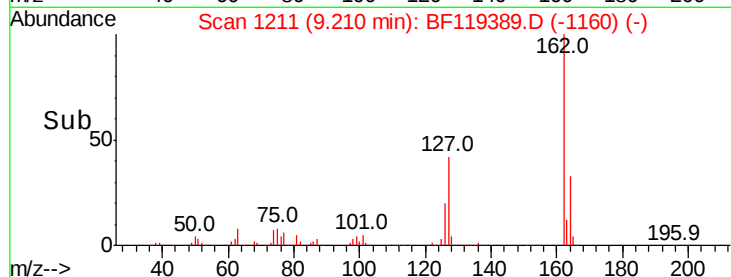
164 33.1 27.2 40.8



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: 49.545 ng

RT: 9.32 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

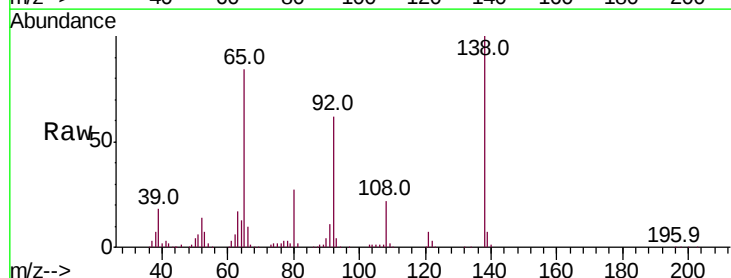
Tgt Ion: 65 Resp: 218079

Ion Ratio Lower Upper

65 100

92 73.4 58.2 87.2

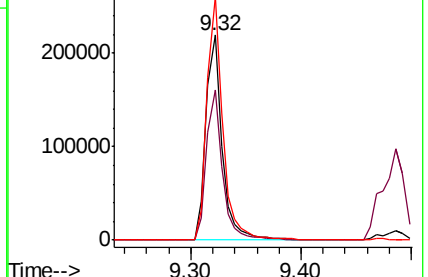
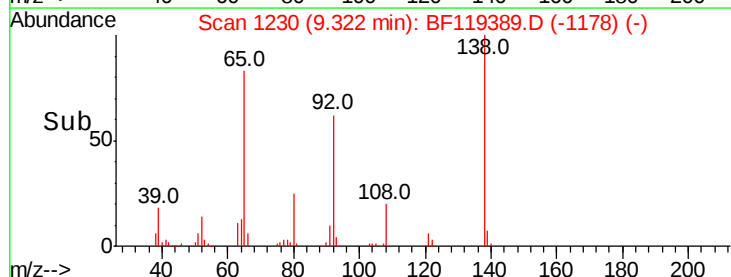
138 118.9 95.6 143.4

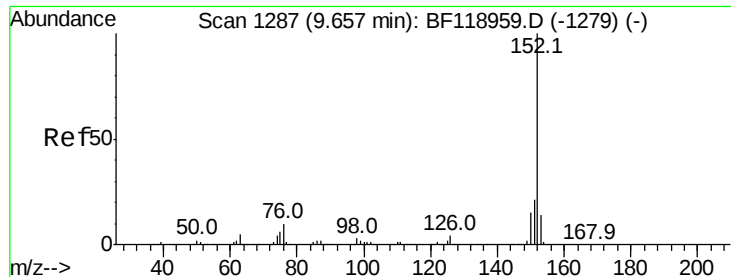


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.425 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampled :

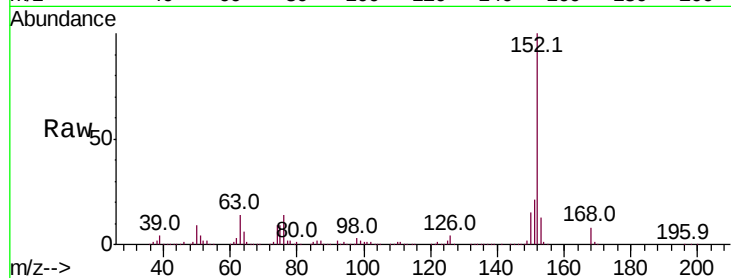
Tot Ion:152 Resp: 1103721

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

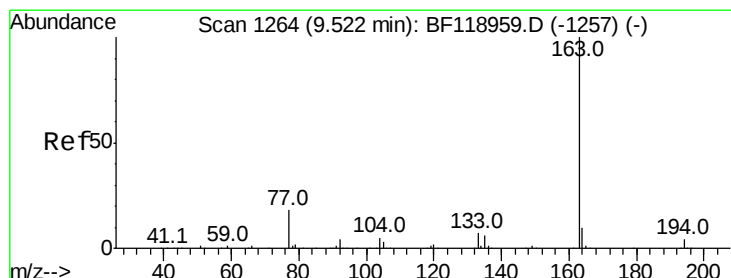
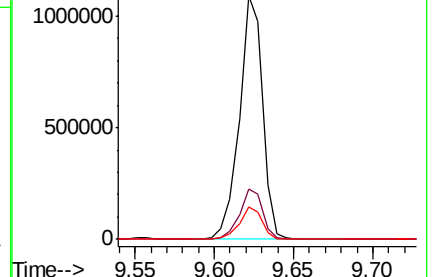
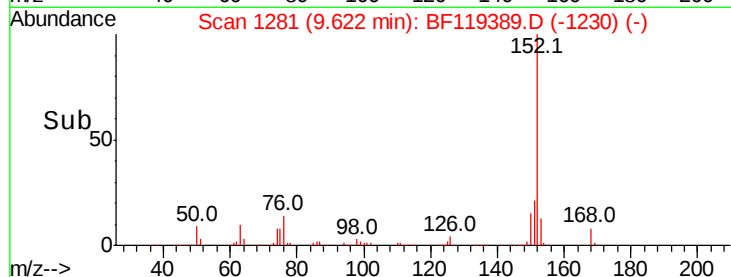
153 13.2 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.585 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

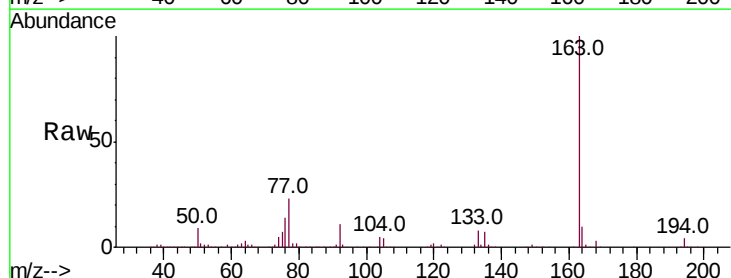
Tgt Ion:163 Resp: 918724

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

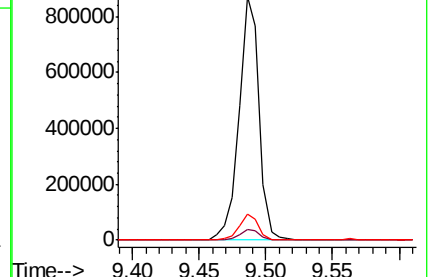
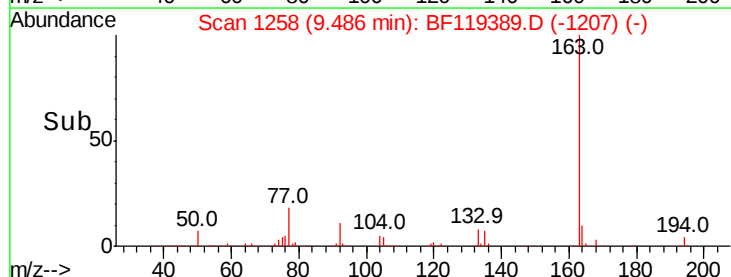
164 10.5 8.4 12.6

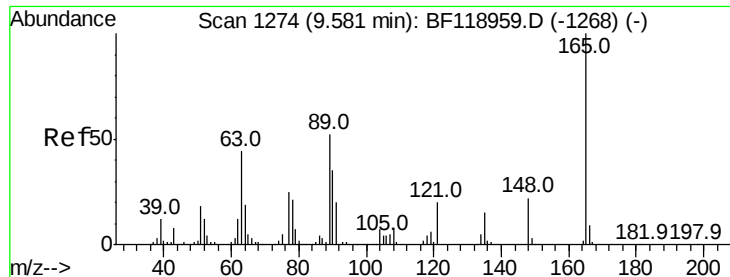


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.509 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampleId :

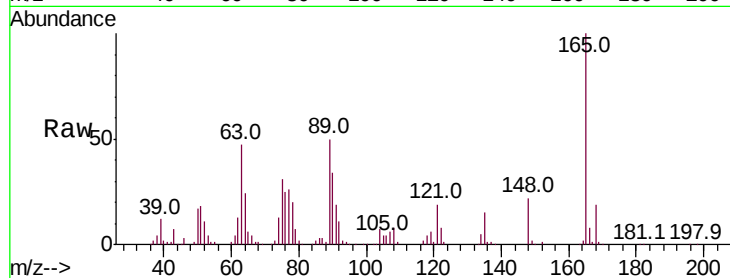
Tot Ion:165 Resp: 199687

Ion Ratio Lower Upper

165 100

63 47.3 34.3 51.5

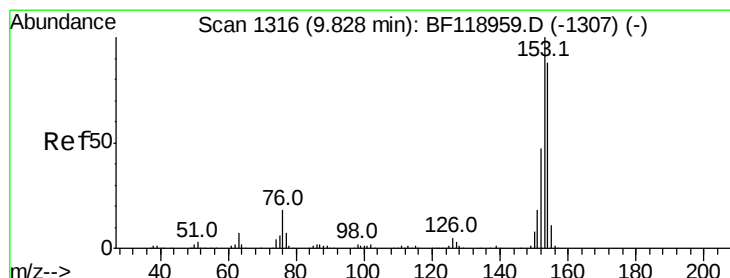
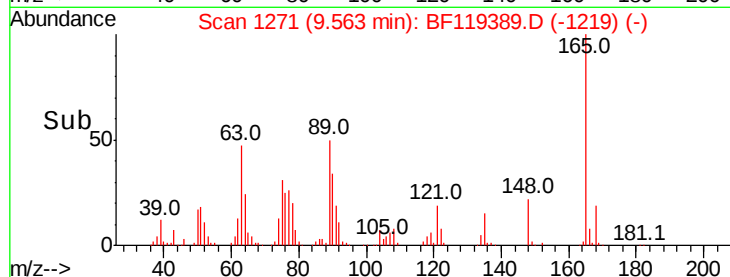
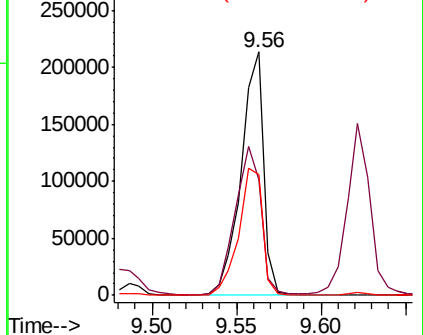
89 49.8 38.3 57.5



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: 48.382 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

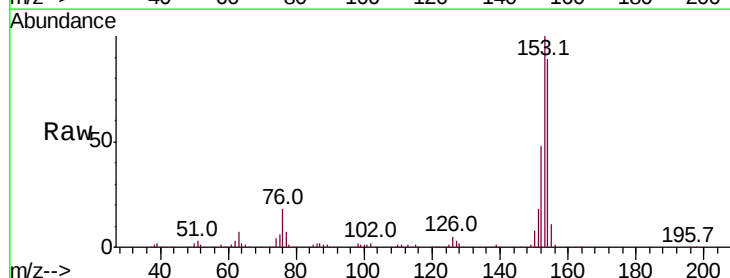
Tgt Ion:154 Resp: 664932

Ion Ratio Lower Upper

154 100

153 112.1 90.3 135.5

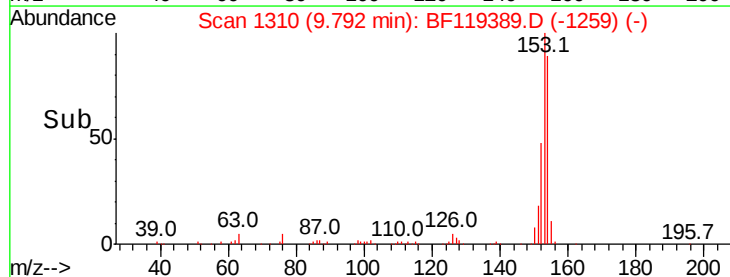
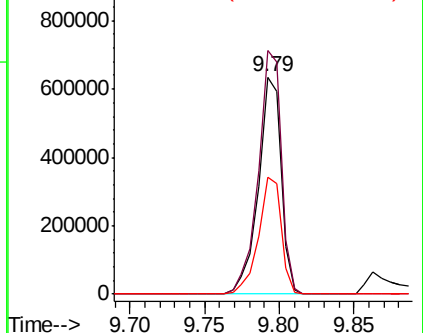
152 53.7 43.8 65.8

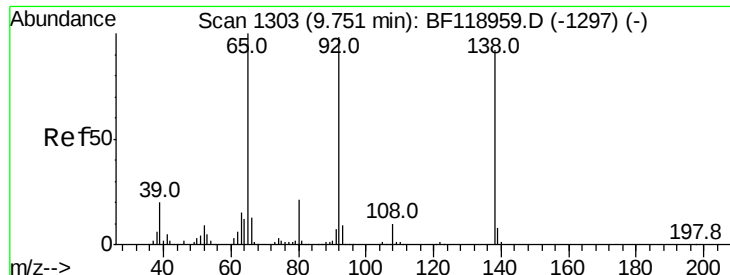


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

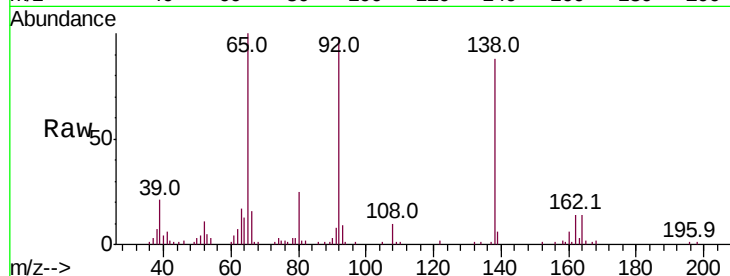




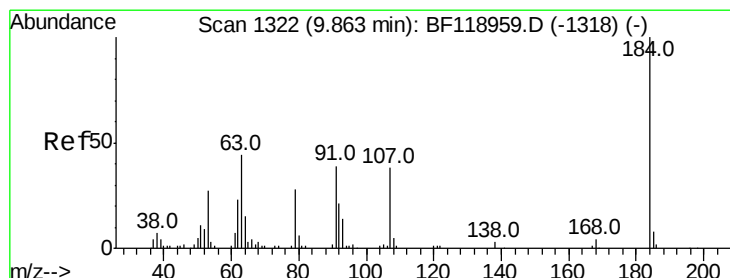
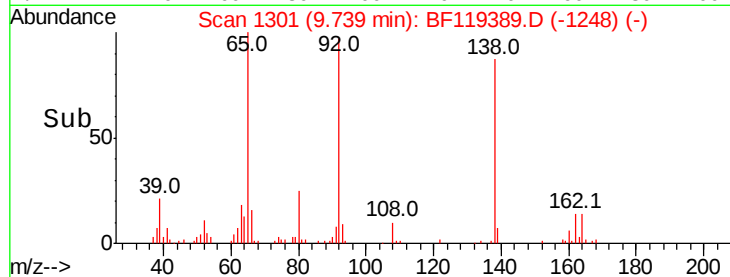
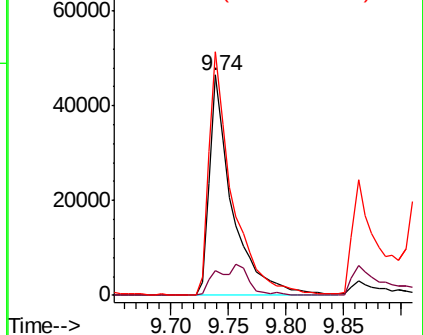
#53
3-Nitroaniline
Concen: 14.015 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 63957
Ion Ratio Lower Upper
138 100
108 11.5 8.8 13.2
92 110.6 84.8 127.2

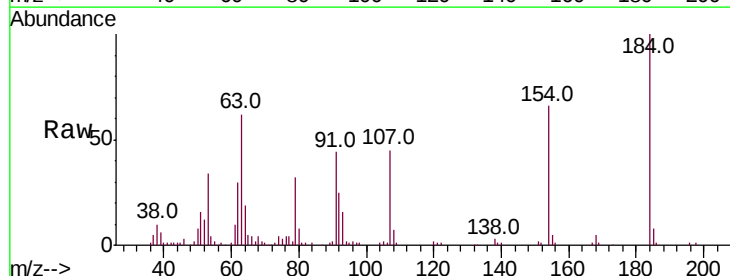


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

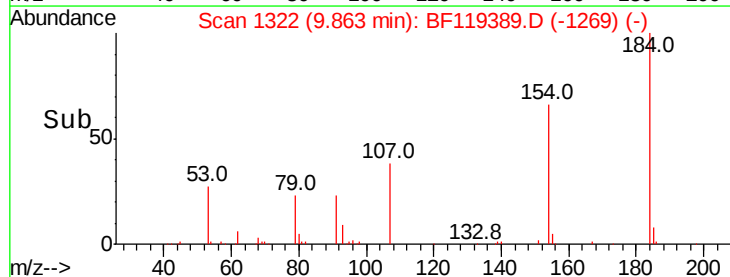
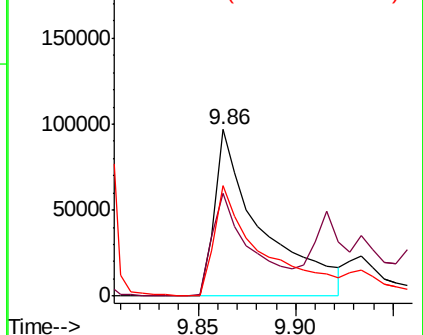


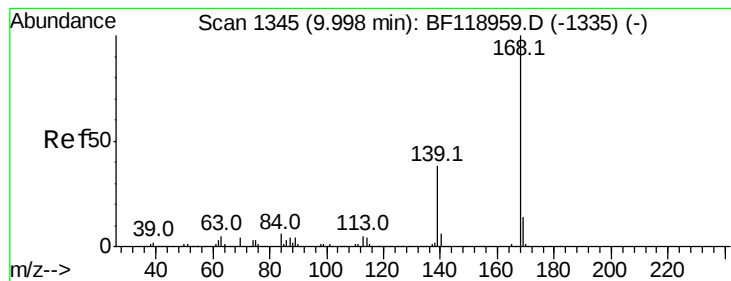
#54
2,4-Dinitrophenol
Concen: 81.204 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Tgt Ion:184 Resp: 162714
Ion Ratio Lower Upper
184 100
63 62.1 38.7 58.1#
154 66.3 49.7 74.5



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





#55

Dibenzofuran

Concen: 48.246 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampled :

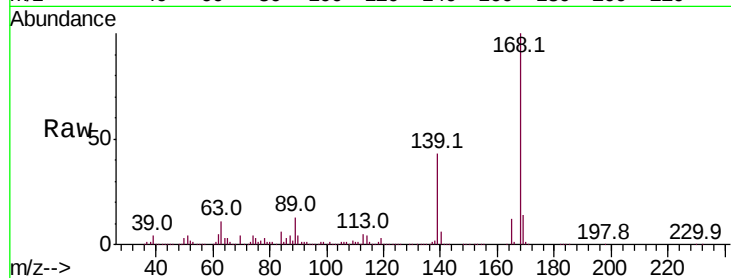
Tot Ion:168 Resp: 989695

Ion Ratio Lower Upper

168 100

139 42.8 34.0 51.0

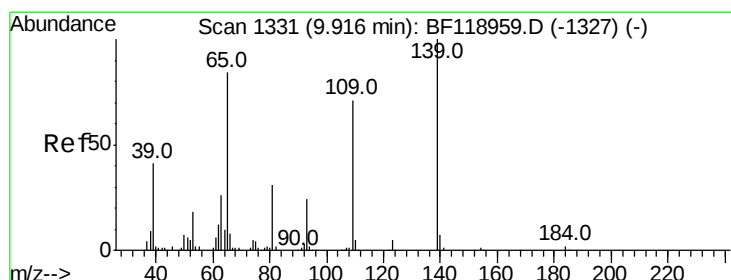
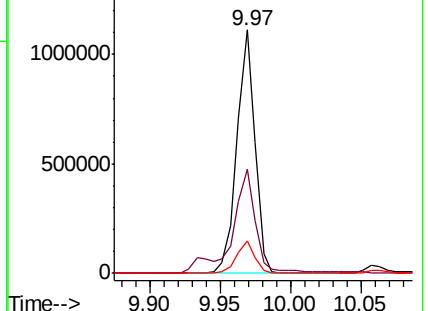
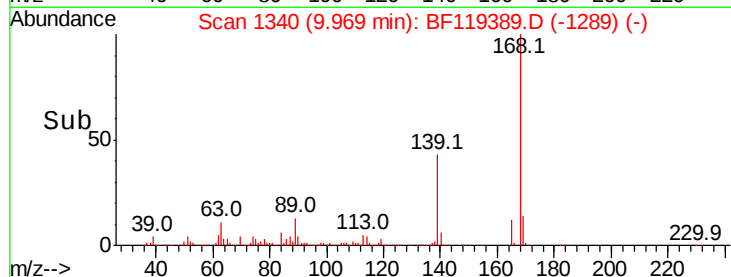
169 13.6 11.0 16.4



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: 209.771 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.05 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

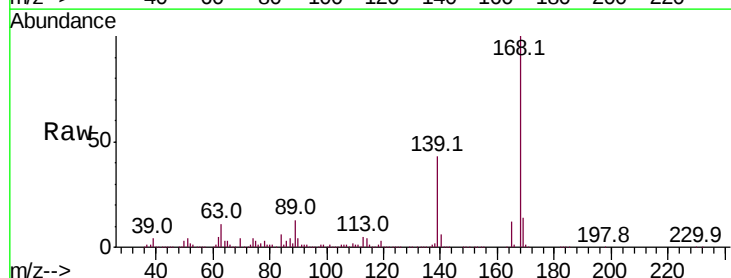
Tgt Ion:139 Resp: 575173

Ion Ratio Lower Upper

139 100

109 4.5 56.7 96.7#

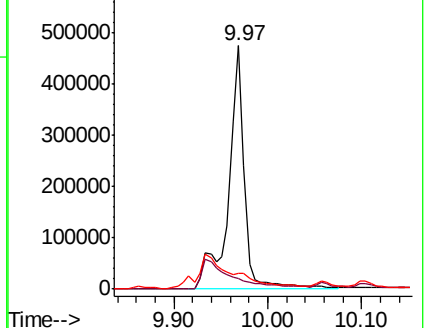
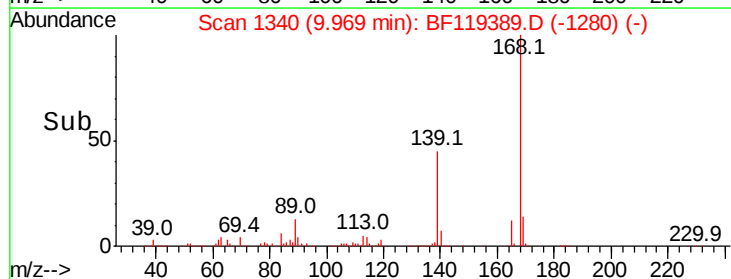
65 6.3 65.0 105.0#

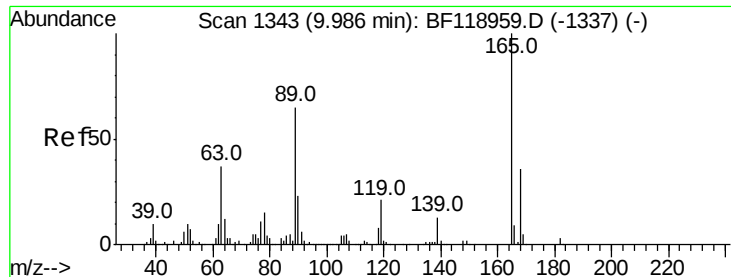


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

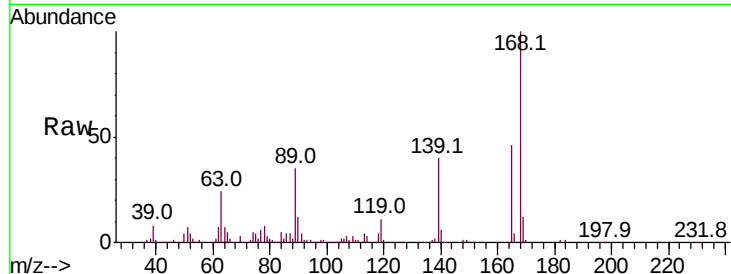




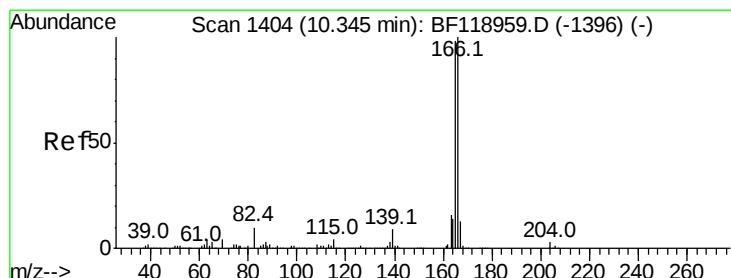
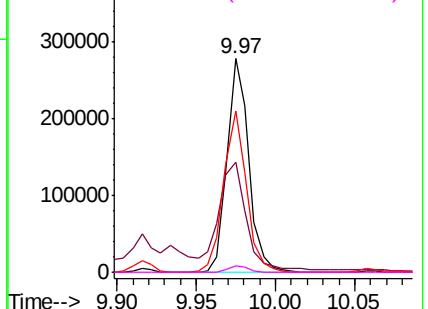
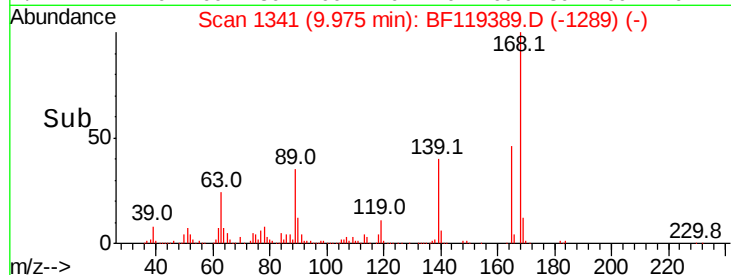
#57
2,4-Dinitrotoluene
Concen: 49.233 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.6	42.3	63.5
89	75.8	60.2	90.4
182	3.0	2.3	3.5

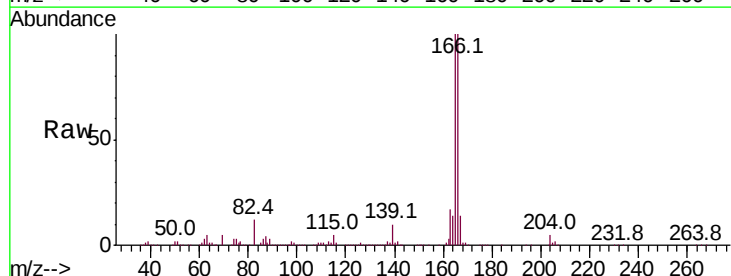


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

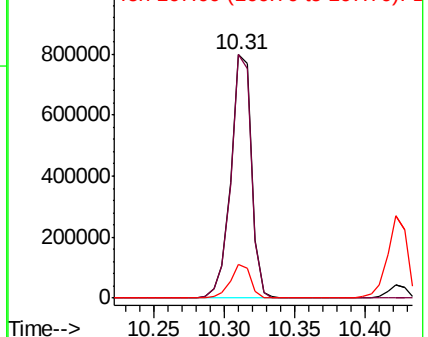
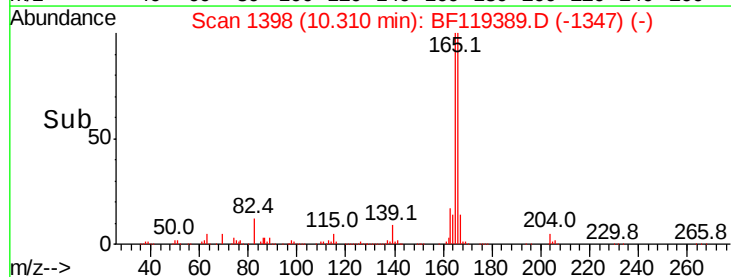


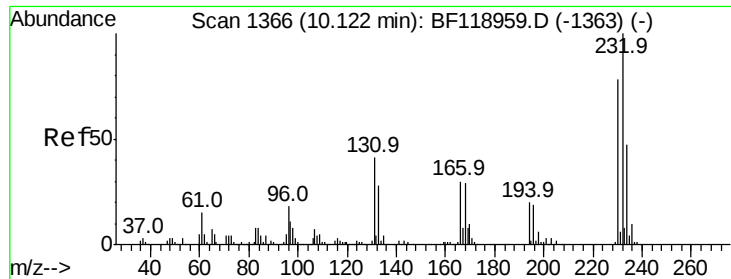
#58
Fluorene
Concen: 50.891 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.5	117.7
167	13.9	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

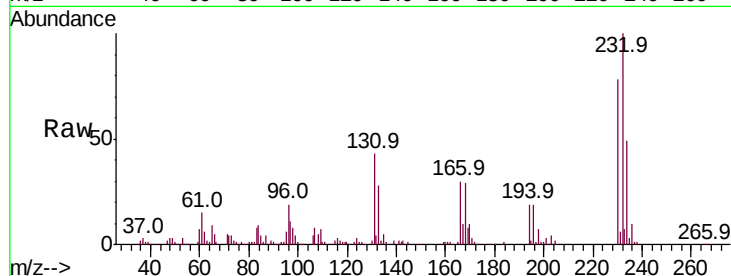




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.144 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF119389.D
 Acq: 12 Mar 2020 19:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	224487
Ion	Ratio	Lower	Upper
232	100		
131	39.0	33.8	50.8
130	2.4	1.8	2.6
166	26.2	23.0	34.4



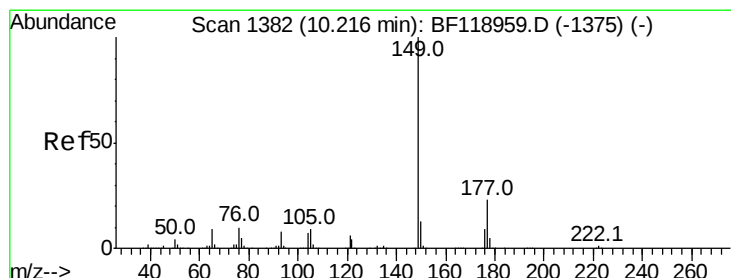
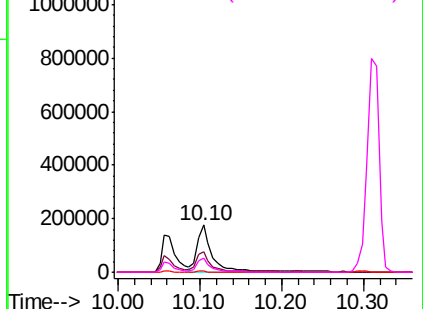
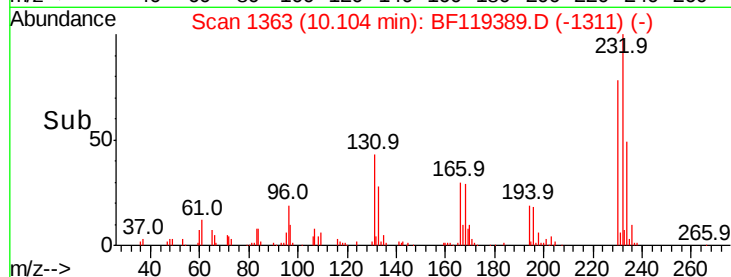
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

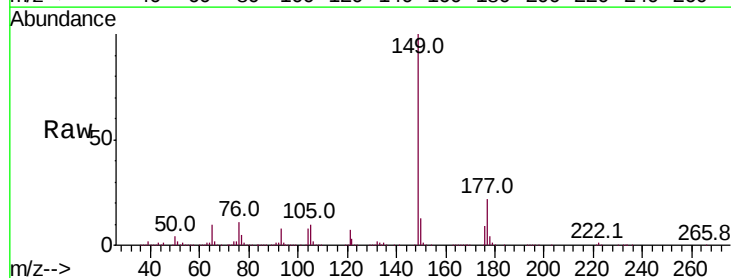
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 49.426 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119389.D
 Acq: 12 Mar 2020 19:33

Tgt Ion:	149	Resp:	863018
Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.2	27.2
150	12.8	10.5	15.7

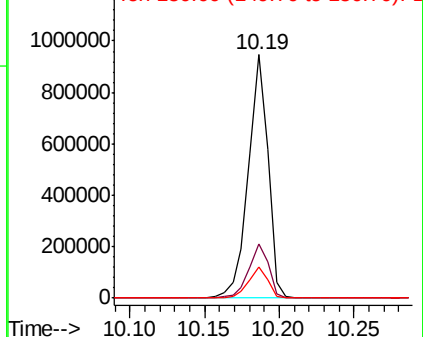
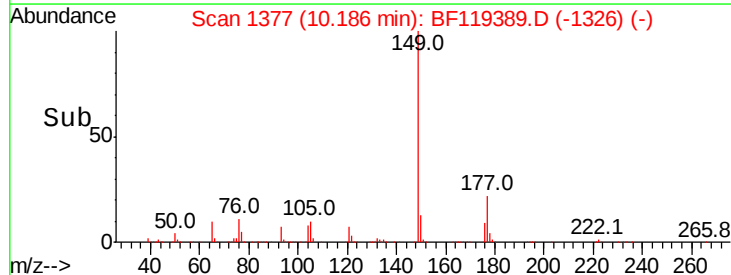


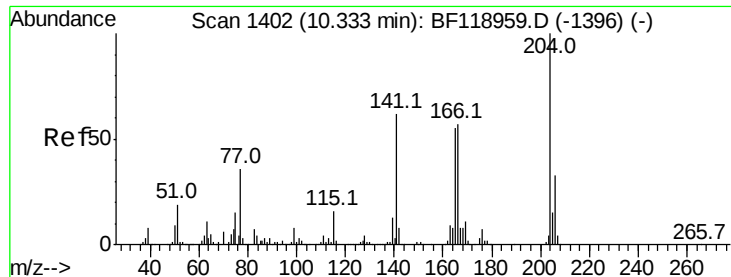
Abundance

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

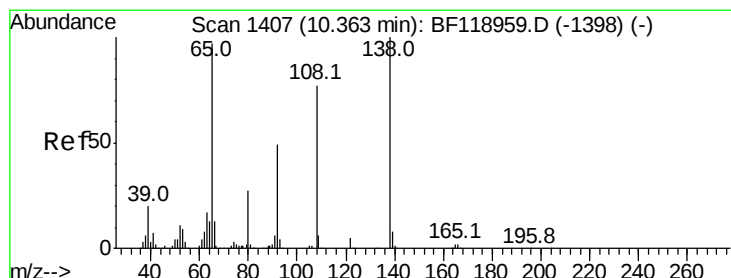
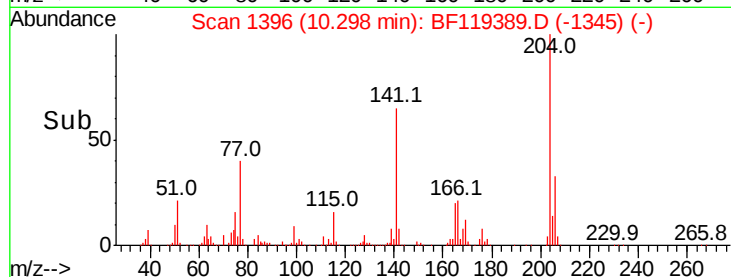
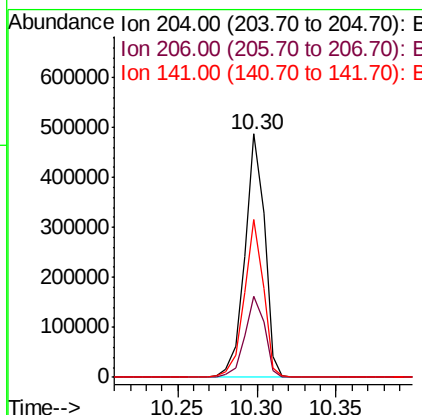
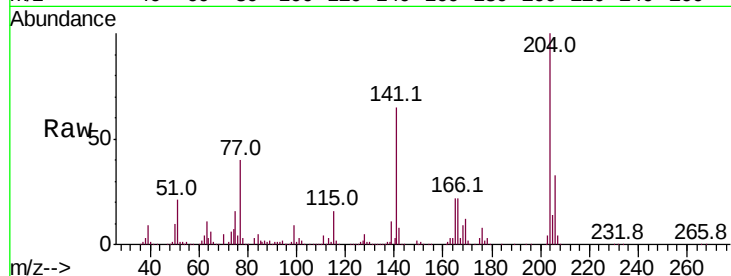




#61
 4-Chlorophenyl-phenylether
 Concen: 49.626 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: BF119389.D
 Acq: 12 Mar 2020 19:33

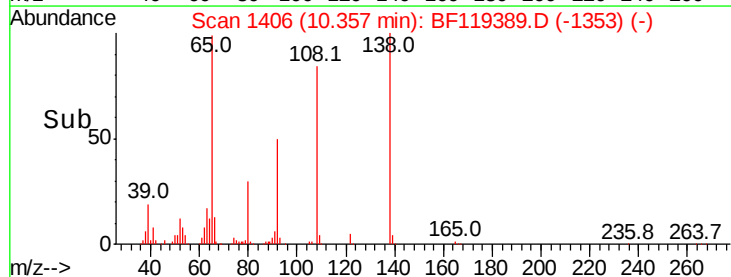
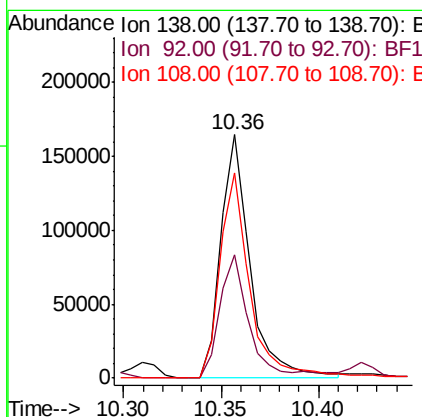
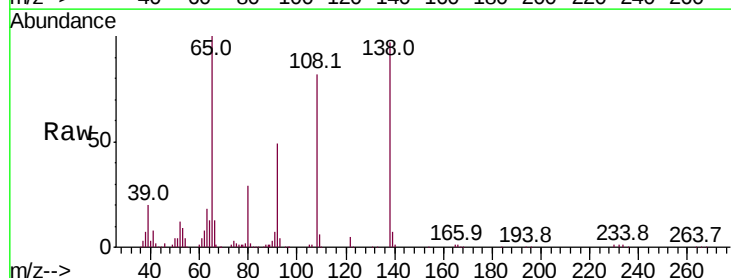
Instrument :
 BNA_F
 ClientSampleId :

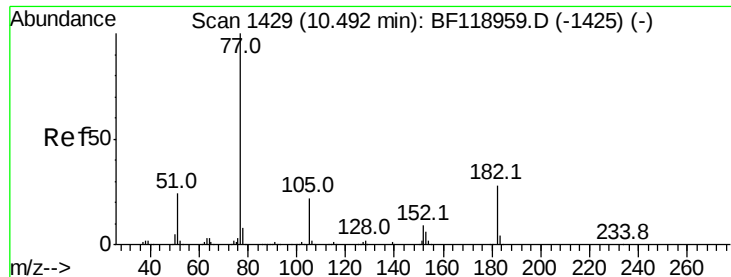
Tot Ion:204 Resp: 418716
 Ion Ratio Lower Upper
 204 100
 206 33.2 27.1 40.7
 141 65.1 52.9 79.3



#62
 4-Nitroaniline
 Concen: 36.837 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF119389.D
 Acq: 12 Mar 2020 19:33

Tgt Ion:138 Resp: 171996
 Ion Ratio Lower Upper
 138 100
 92 50.5 27.3 67.3
 108 84.3 57.0 97.0

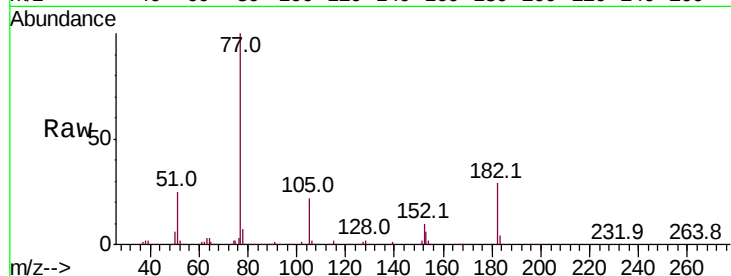




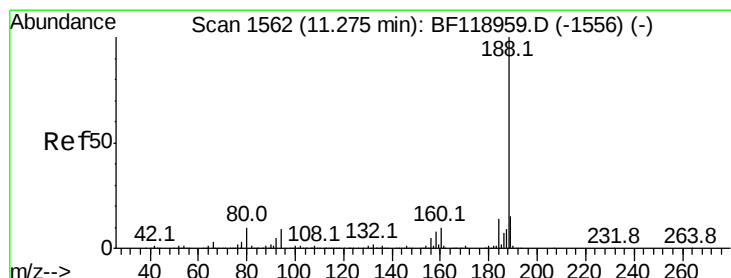
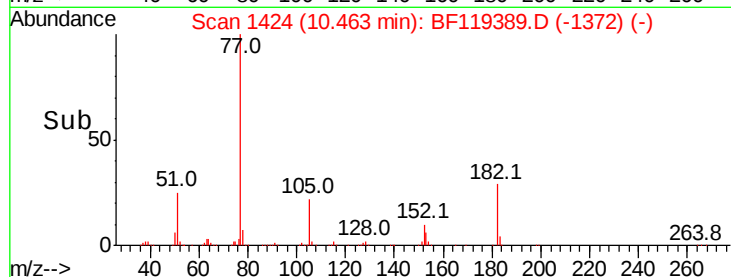
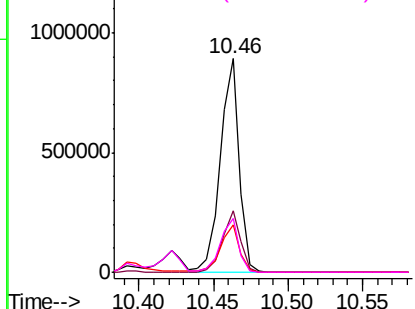
#63
Azobenzene
Concen: 52.153 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	11.4	51.4
105	22.3	3.4	43.4
51	25.0	5.1	45.1



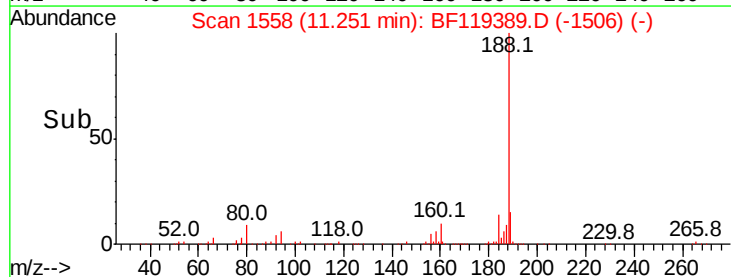
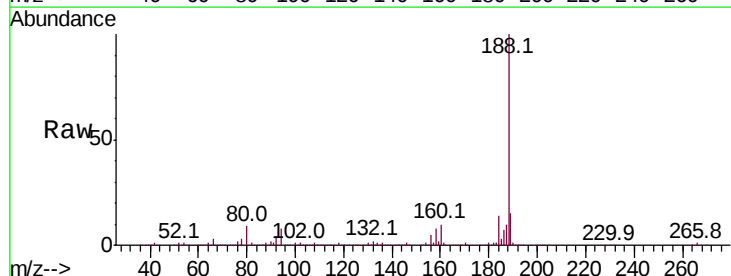
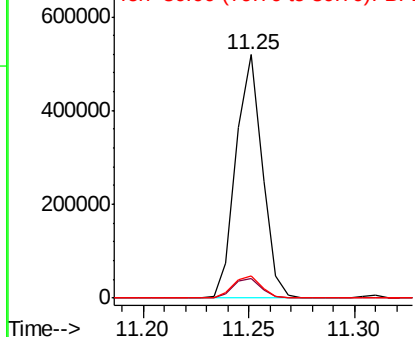
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

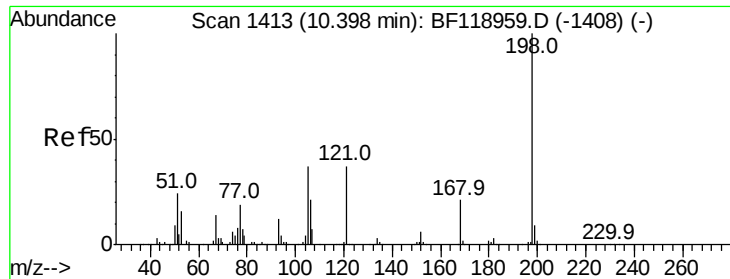


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.1	10.7
80	9.0	7.8	11.8

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

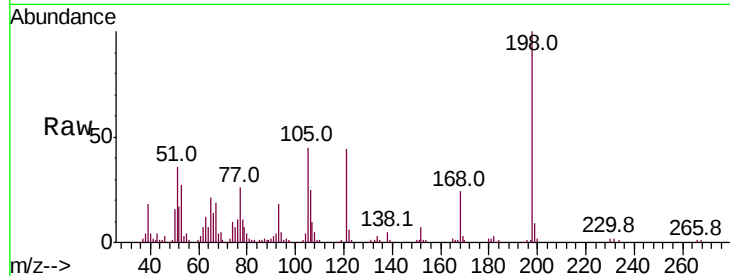




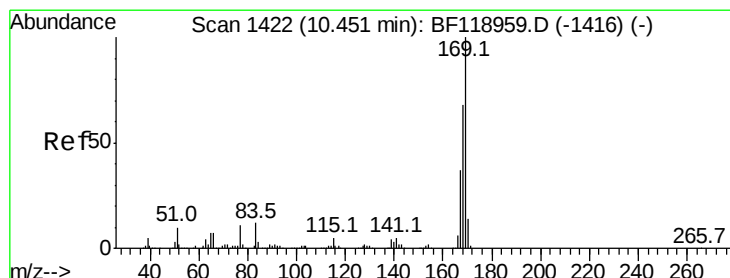
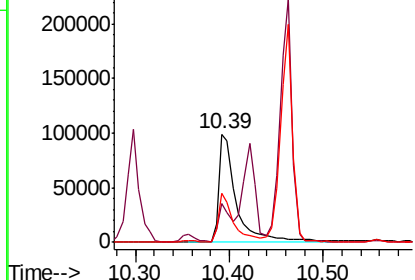
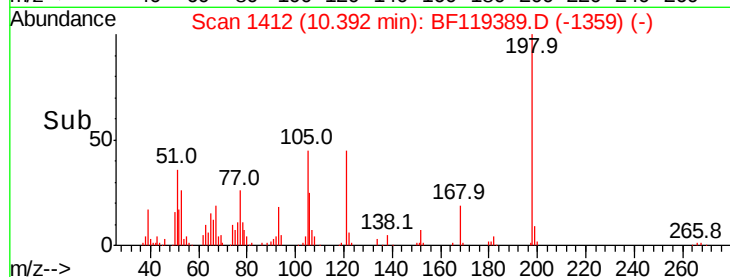
#65
4,6-Dinitro-2-methylphenol
Concen: 48.308 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 131249
Ion Ratio Lower Upper
198 100
51 36.2 14.2 54.2
105 44.8 22.7 62.7

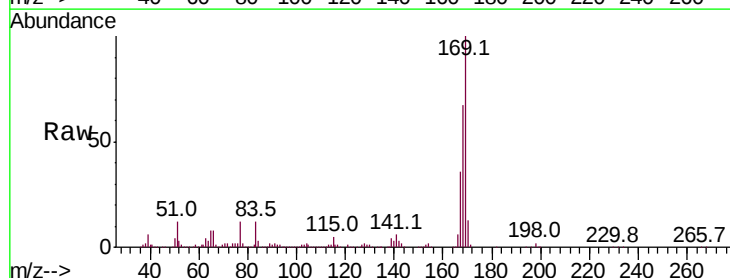


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

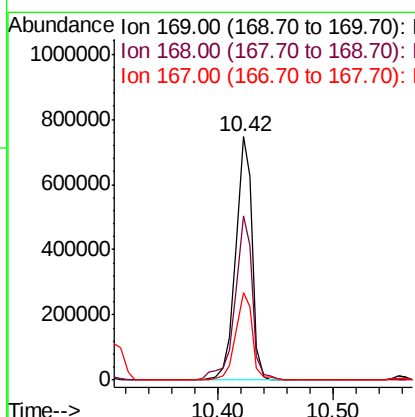
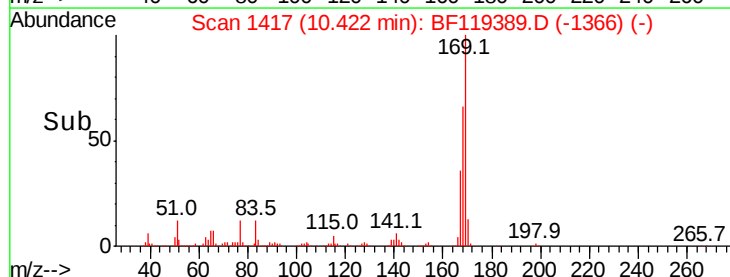


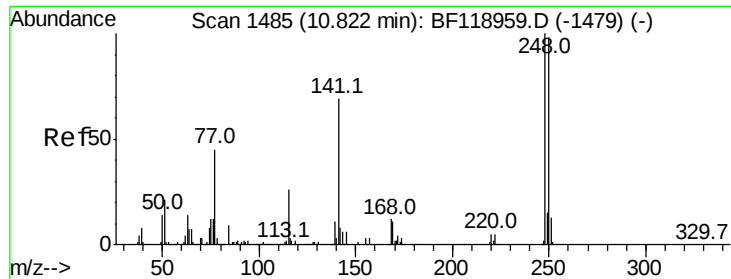
#66
n-Nitrosodiphenylamine
Concen: 49.820 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Tgt Ion:169 Resp: 732436
Ion Ratio Lower Upper
169 100
168 67.3 54.1 81.1
167 36.1 29.4 44.0



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

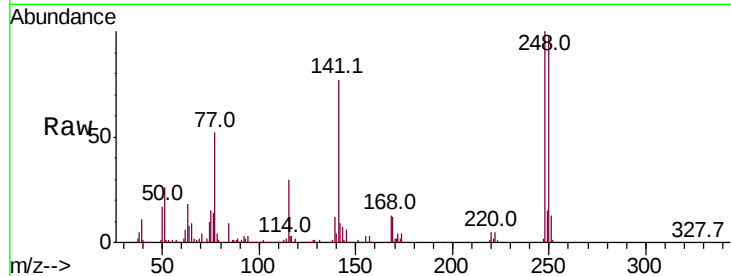




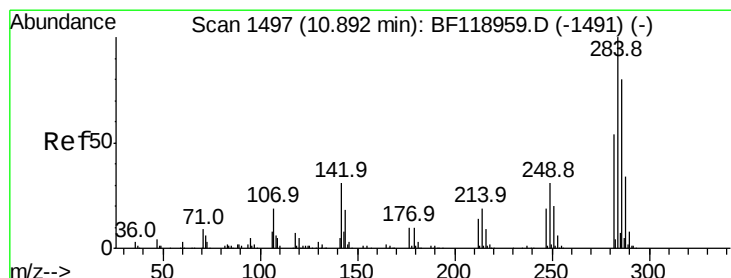
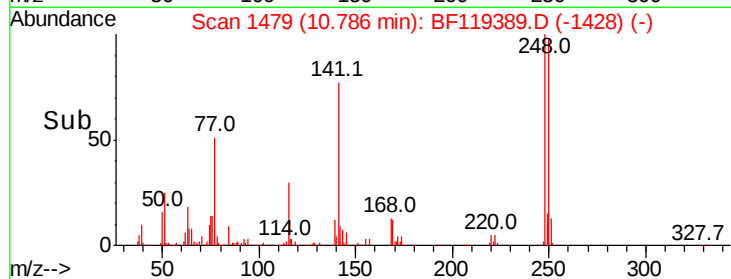
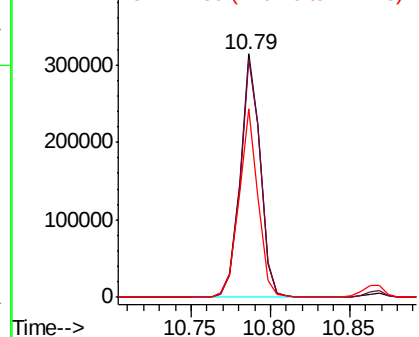
#67
4-Bromophenyl-phenylether
Concen: 46.591 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 273437
Ion Ratio Lower Upper
248 100
250 97.9 76.7 115.1
141 77.3 60.7 91.1

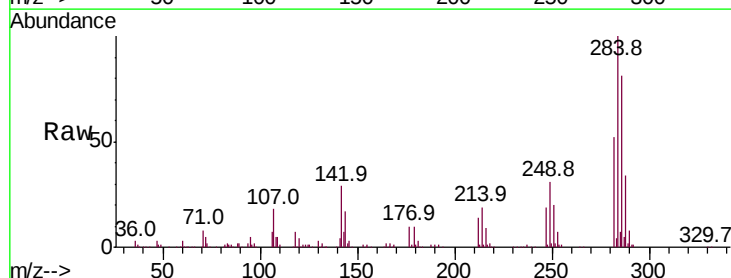


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

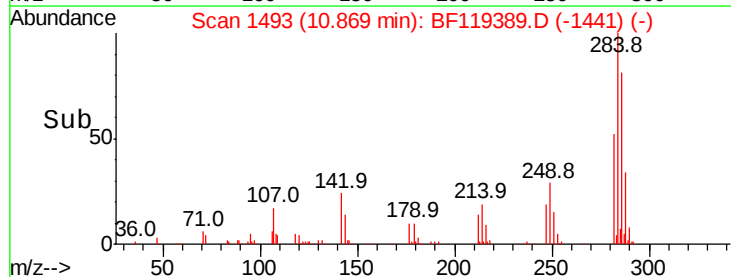
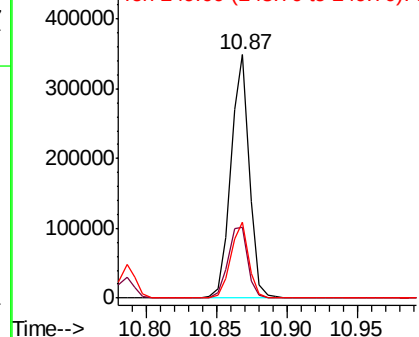


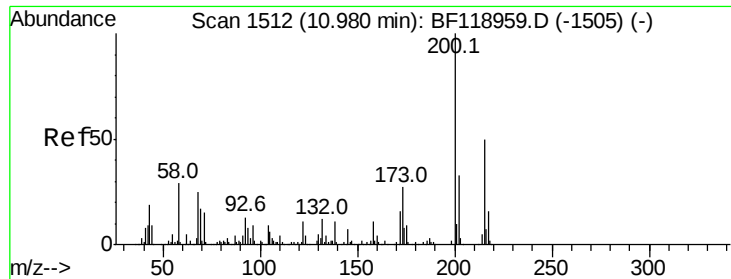
#68
Hexachlorobenzene
Concen: 46.306 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Tgt Ion:284 Resp: 313328
Ion Ratio Lower Upper
284 100
142 28.9 23.7 35.5
249 31.4 25.0 37.6



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

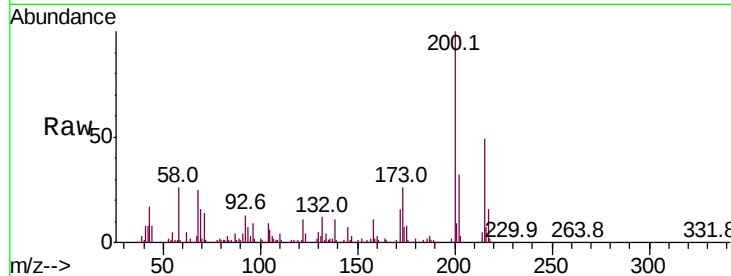




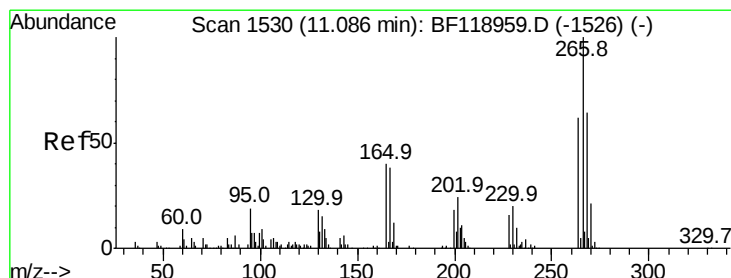
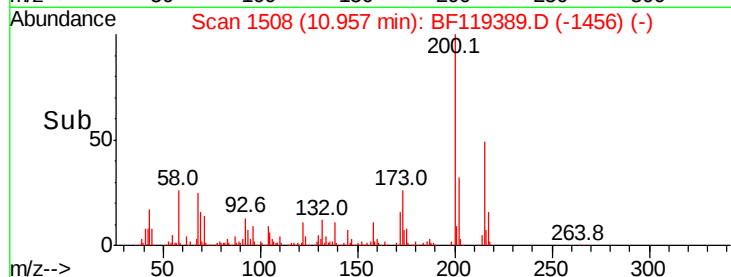
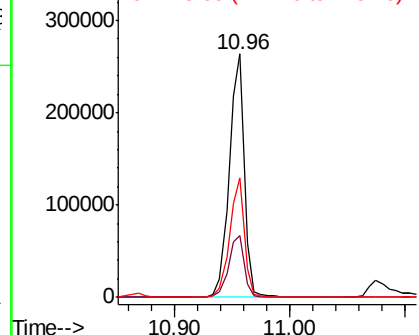
#69
Atrazine
Concen: 46.394 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.4	46.4
215	48.9	27.4	67.4

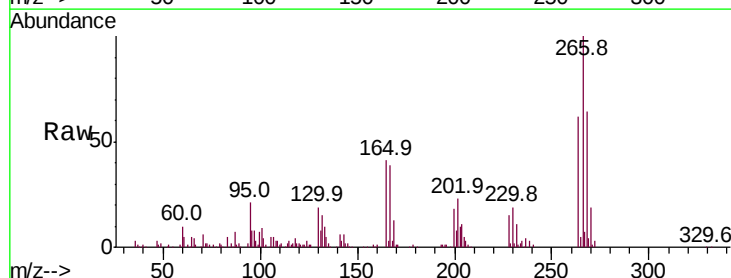


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

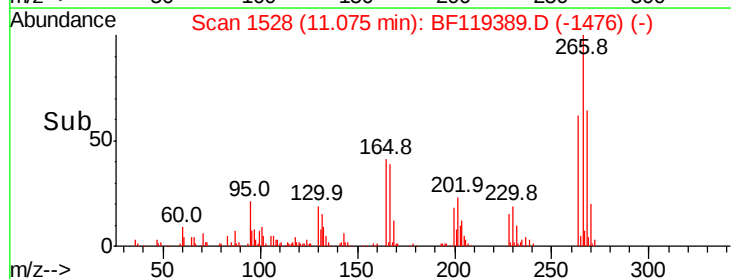
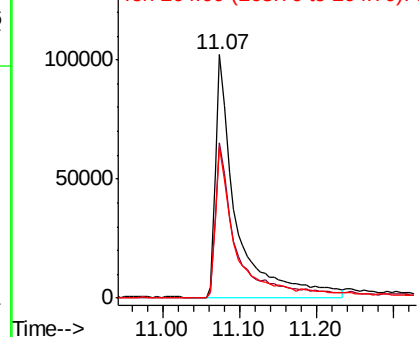


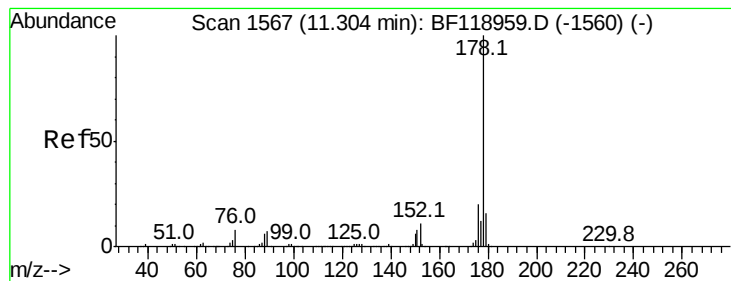
#70
Pentachlorophenol
Concen: 68.947 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.9	77.9
264	62.2	51.0	76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.911 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampleId :

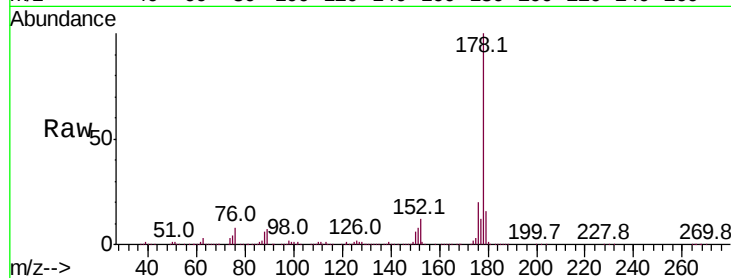
Tot Ion:178 Resp: 1197632

Ion Ratio Lower Upper

178 100

176 19.8 16.5 24.7

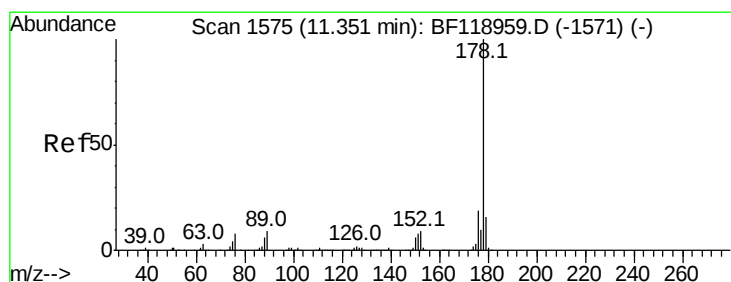
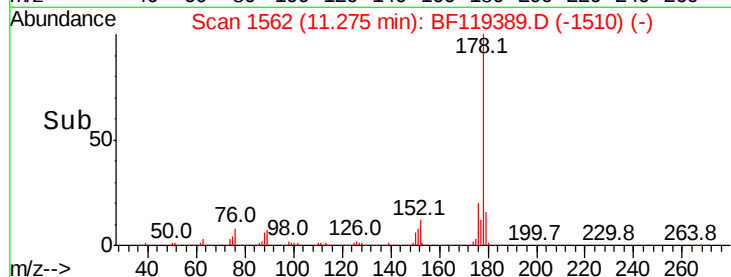
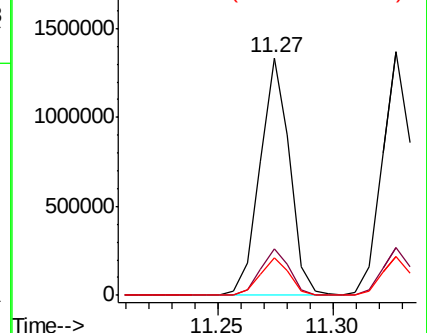
179 15.7 13.0 19.6



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: 50.815 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

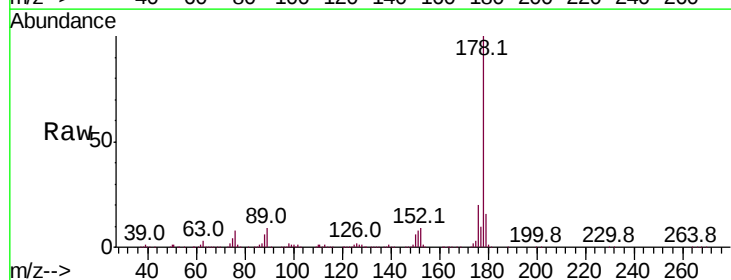
Tgt Ion:178 Resp: 1243214

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

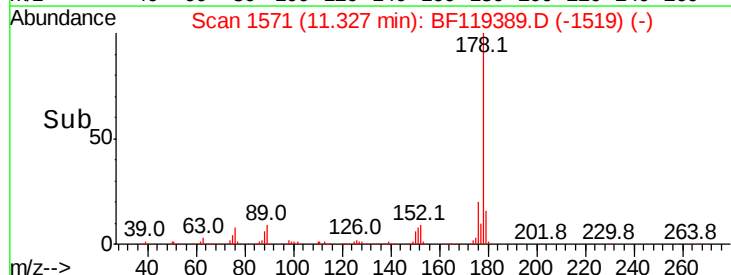
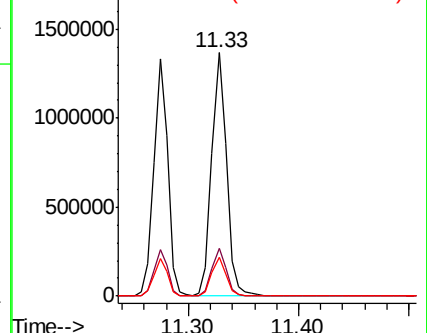
179 16.1 13.1 19.7

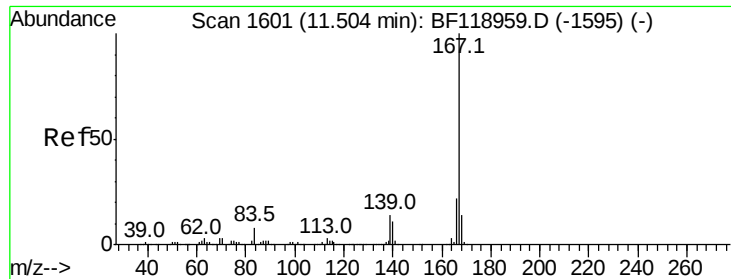


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



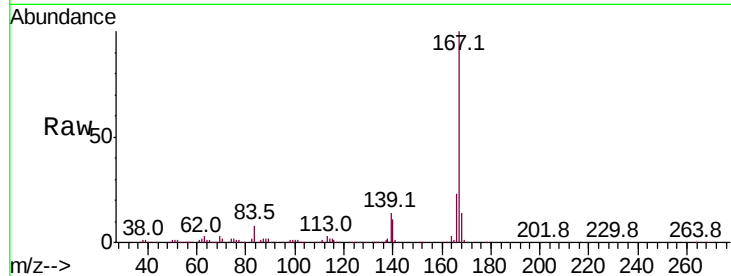


#73
 Carbazole
 Concen: 50.258 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119389.D
 Acq: 12 Mar 2020 19:33

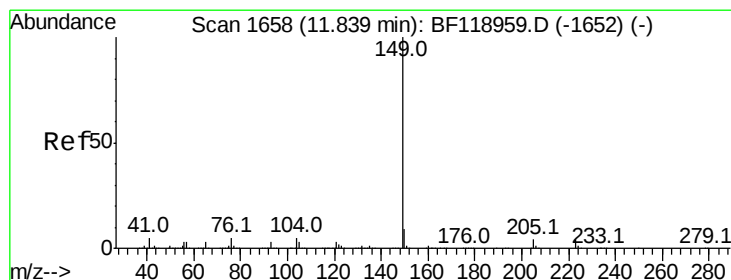
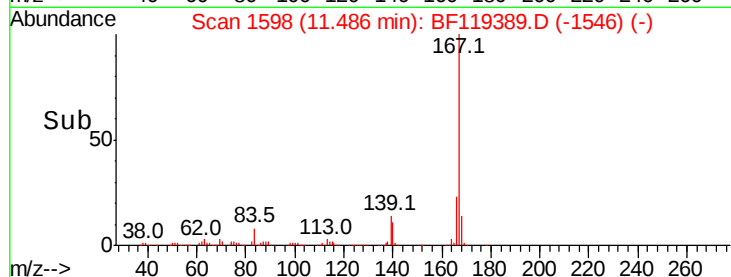
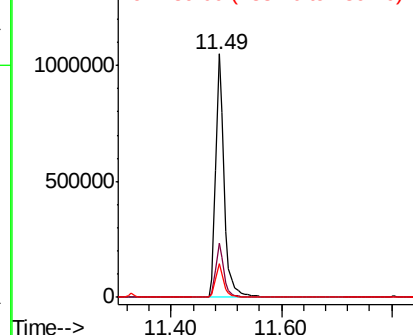
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1095395

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	13.8	11.7	17.5



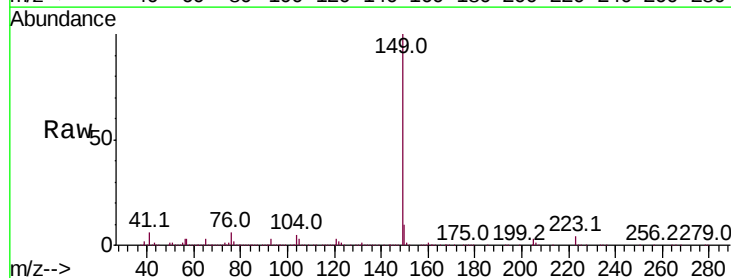
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



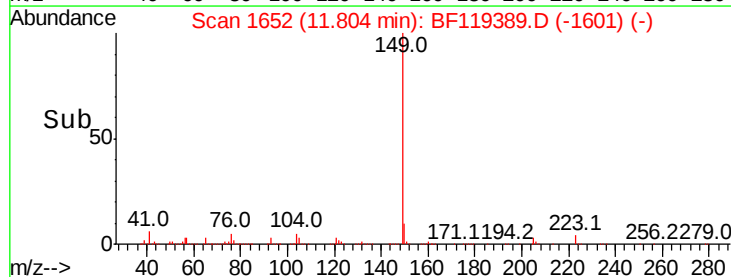
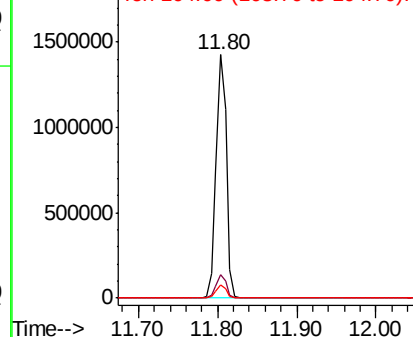
#74
 Di-n-butylphthalate
 Concen: 48.639 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119389.D
 Acq: 12 Mar 2020 19:33

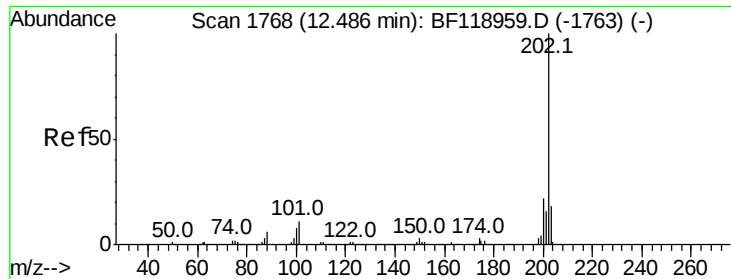
Tgt Ion:149 Resp: 1283812

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.4	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.261 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampleId :

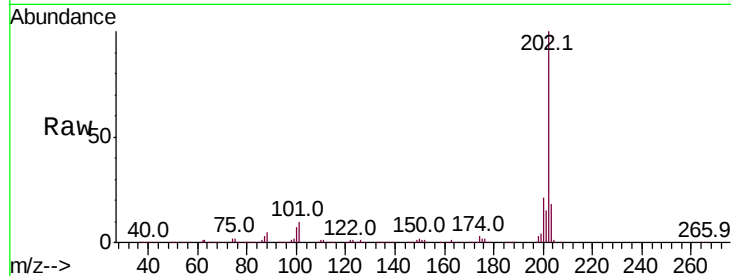
Tot Ion:202 Resp: 1254335

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.3

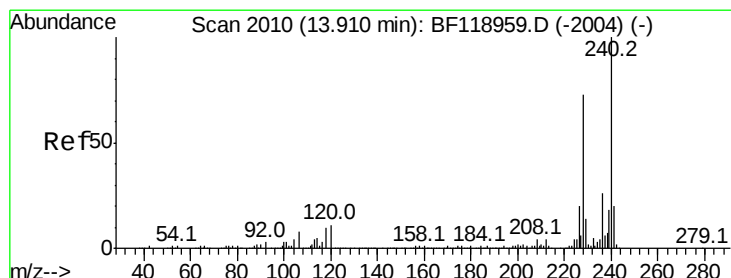
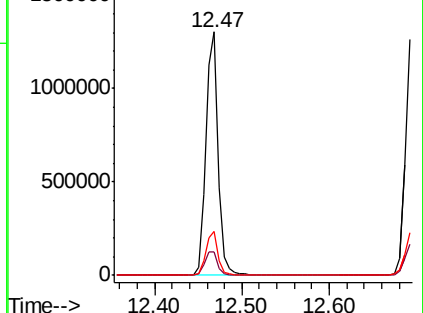
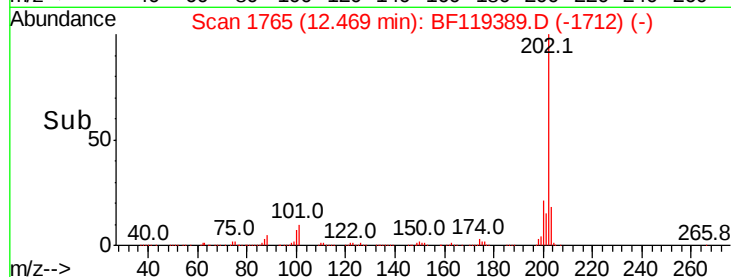
203 17.8 0.0 38.4



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: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

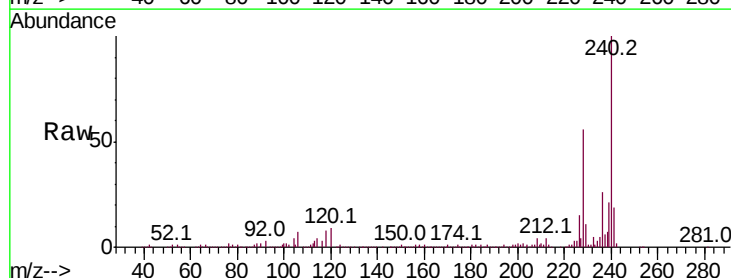
Tgt Ion:240 Resp: 285194

Ion Ratio Lower Upper

240 100

120 8.9 8.4 12.6

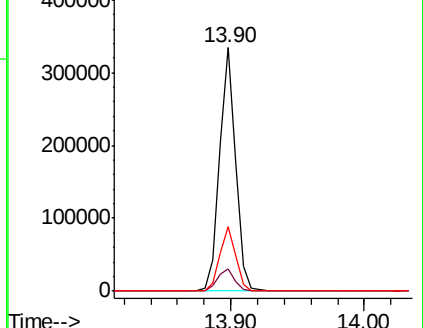
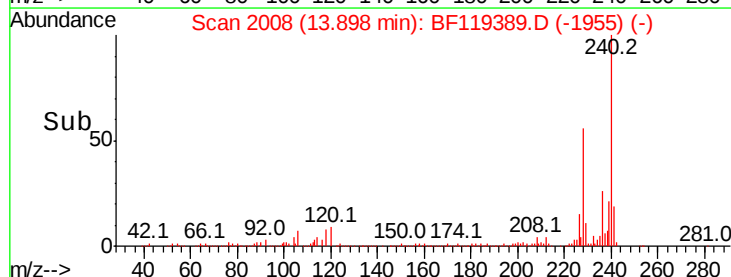
236 26.3 21.0 31.4

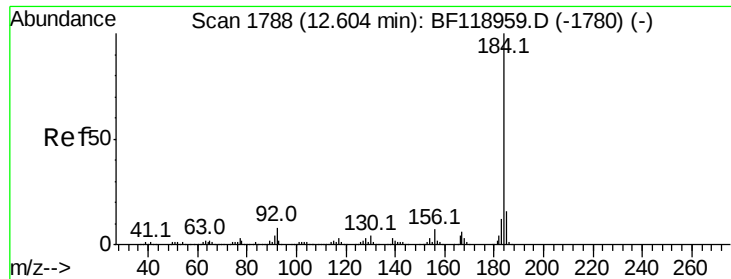


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.391 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

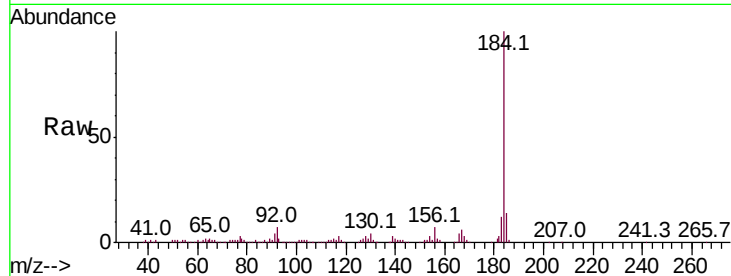
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 364097

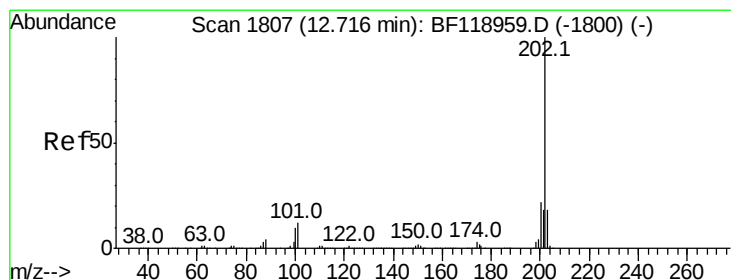
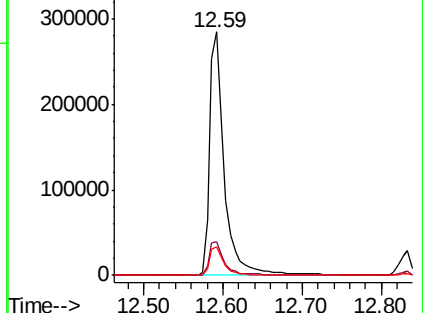
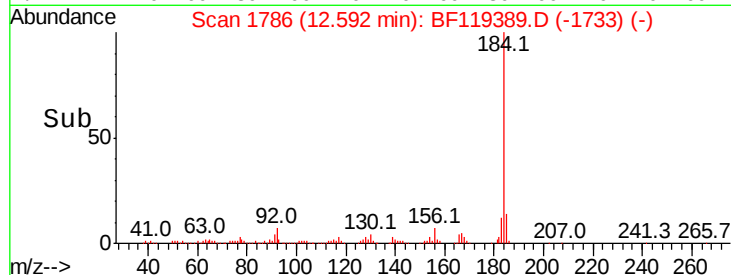
Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.2	18.4
183	12.0	9.9	14.9



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: 54.802 ng

RT: 12.69 min Scan# 1803

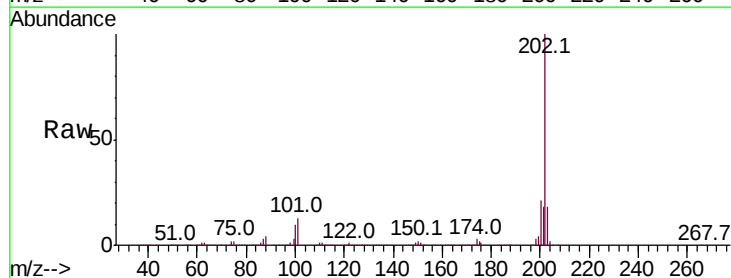
Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Tgt Ion:202 Resp: 1255012

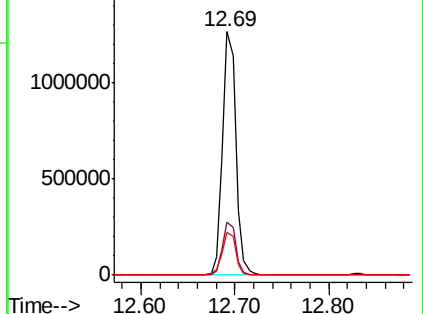
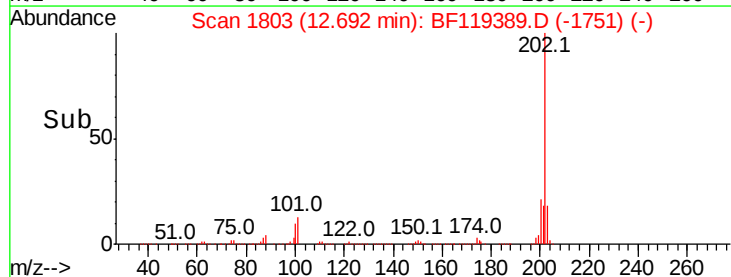
Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.0	27.0
203	17.8	14.6	22.0

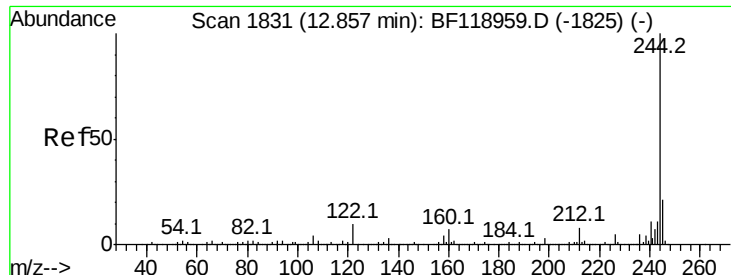


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 111.421 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampled :

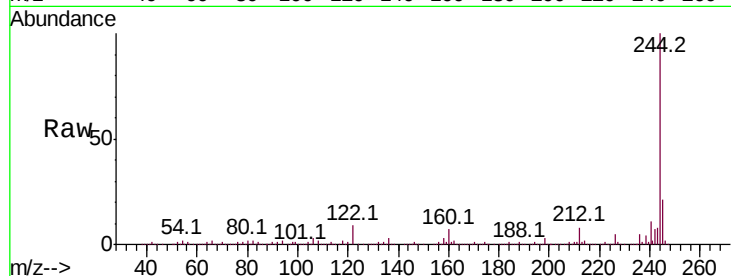
Tot Ion:244 Resp: 1845676

Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

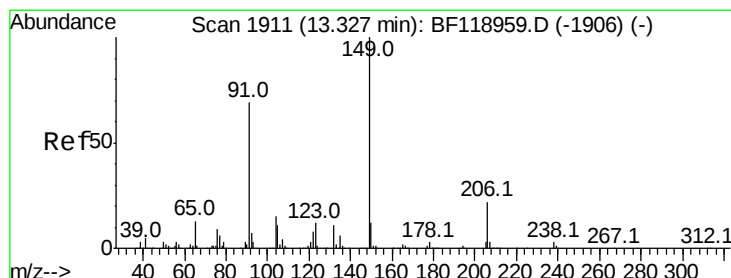
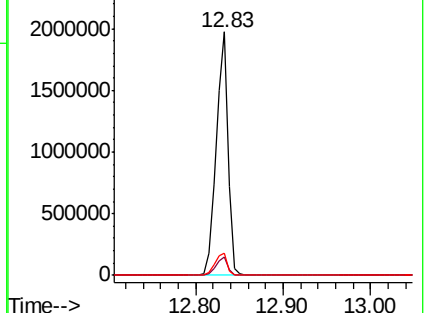
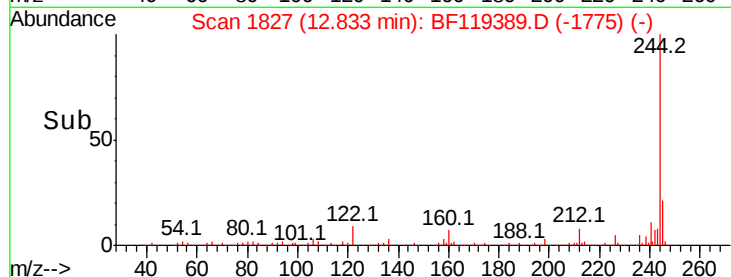
122 9.3 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.520 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

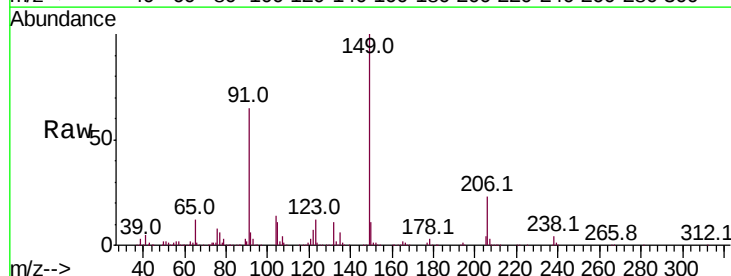
Tgt Ion:149 Resp: 486921

Ion Ratio Lower Upper

149 100

91 64.5 52.3 78.5

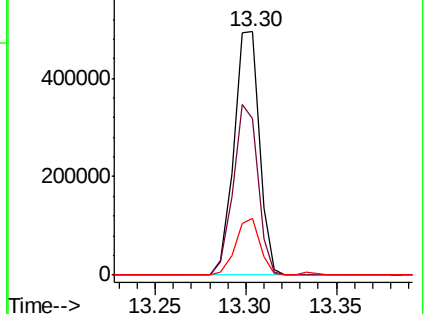
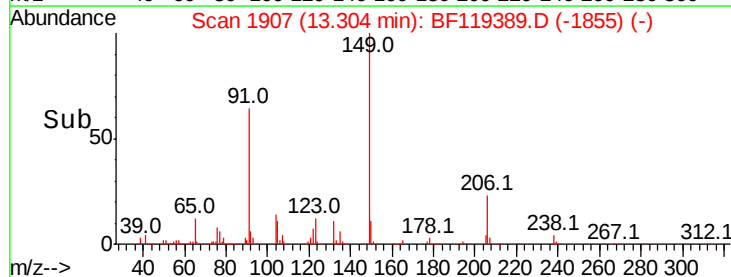
206 23.4 18.5 27.7

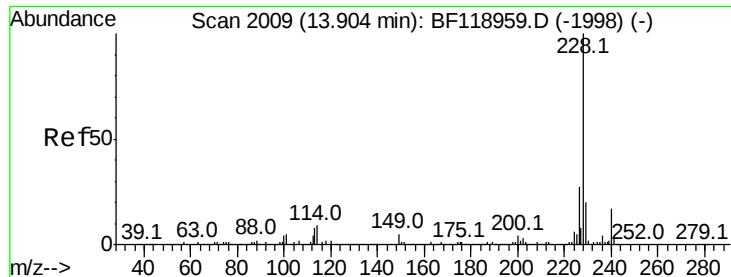


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

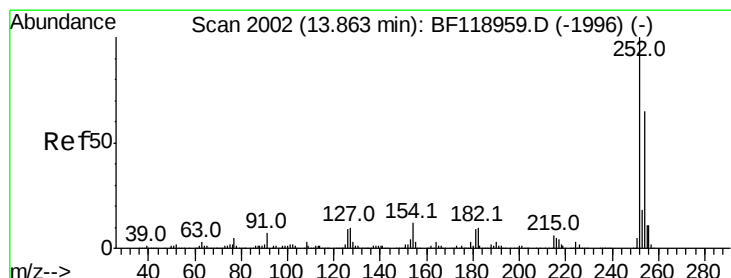
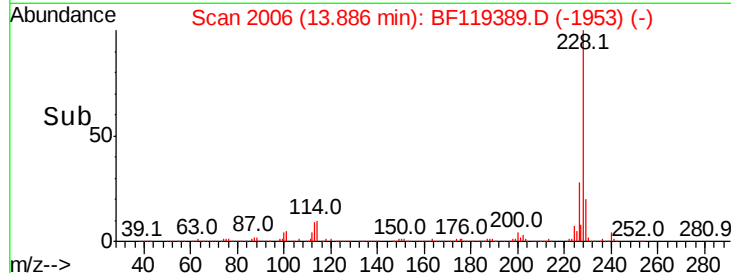
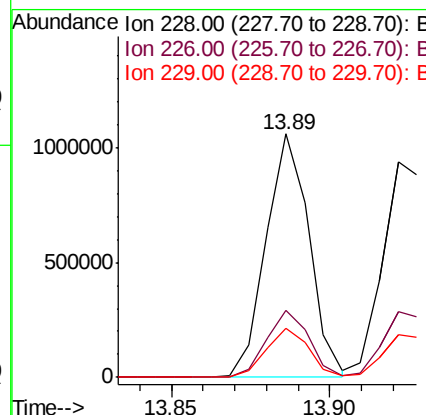
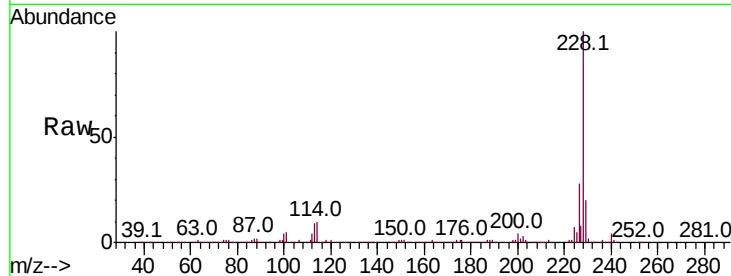




#81
Benzo(a)anthracene
Concen: 51.330 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

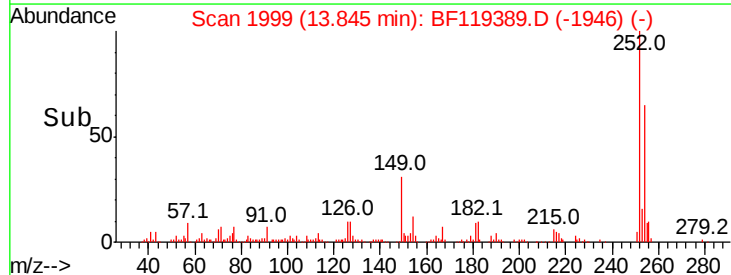
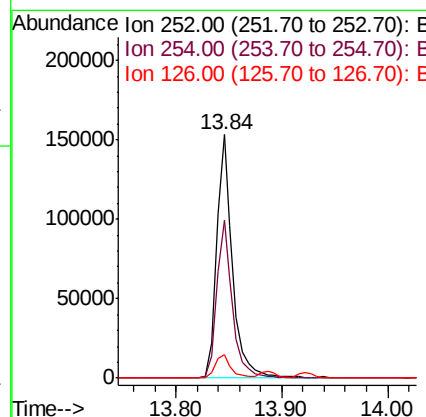
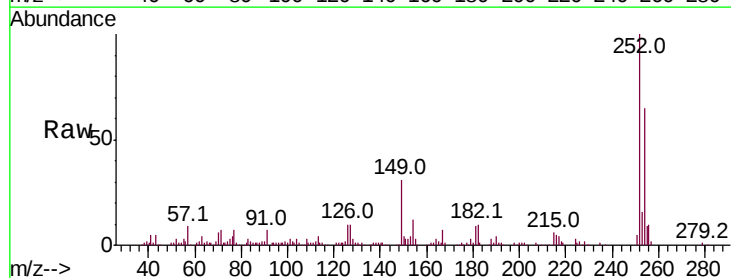
Instrument :
BNA_F
ClientSampleId :

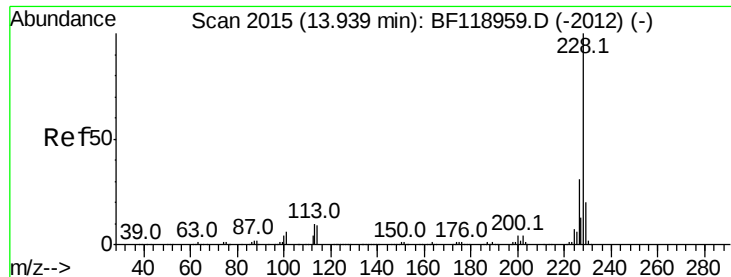
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.1	16.6	24.8



#82
3,3'-Dichlorobenzidine
Concen: 21.533 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.6	77.4
126	9.8	7.4	11.0





#83

Chrysene

Concen: 49.863 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampled :

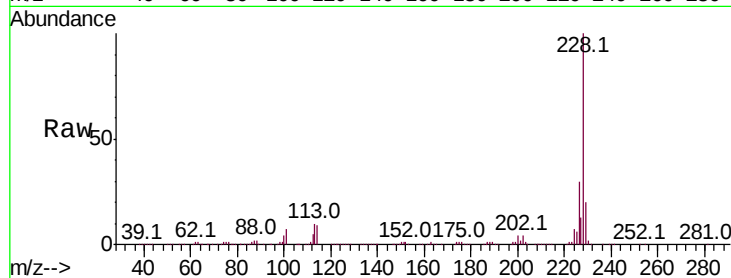
Tot Ion:228 Resp: 965472

Ion Ratio Lower Upper

228 100

226 30.3 25.1 37.7

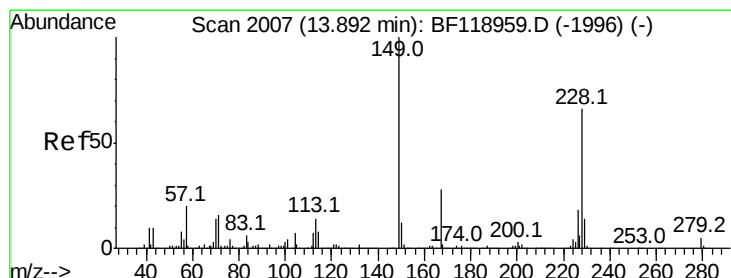
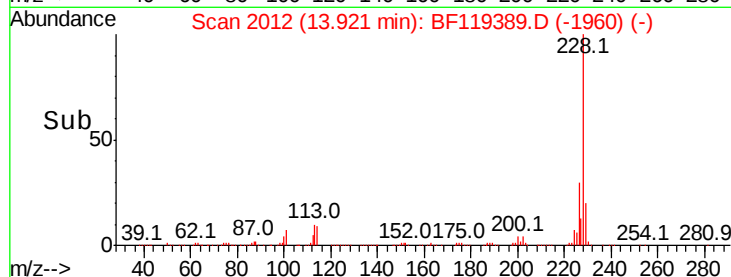
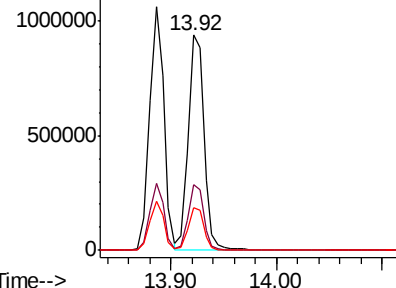
229 19.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.588 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

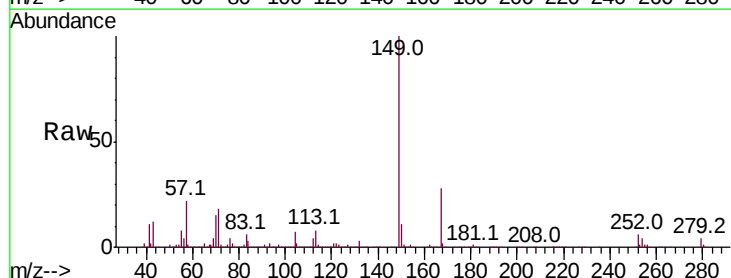
Tgt Ion:149 Resp: 615994

Ion Ratio Lower Upper

149 100

167 27.6 22.8 34.2

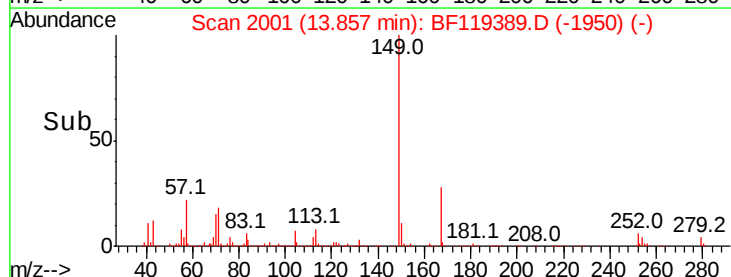
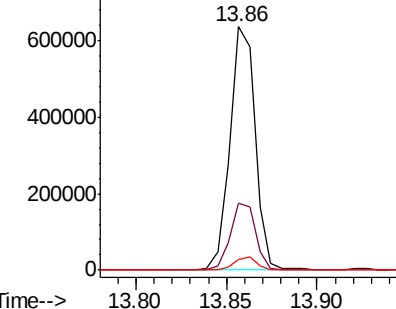
279 4.4 4.6 6.8#

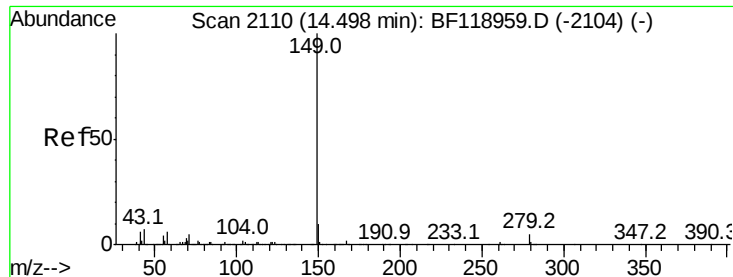


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.695 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampleId :

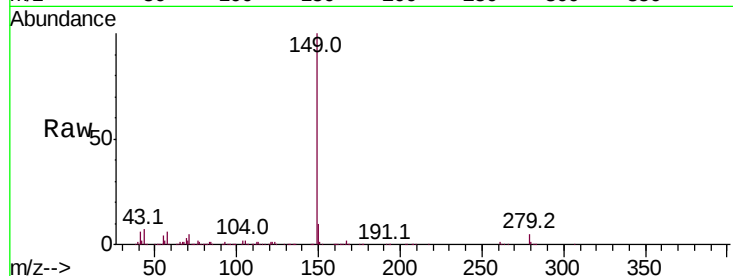
Tot Ion:149 Resp: 886533

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

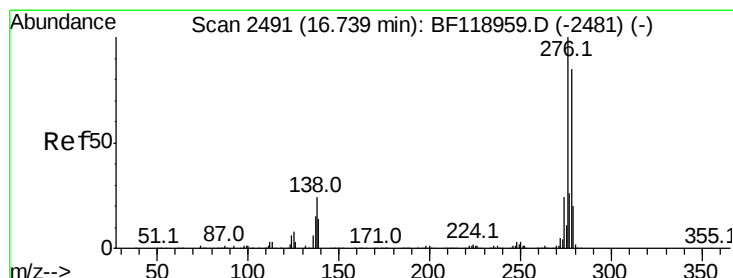
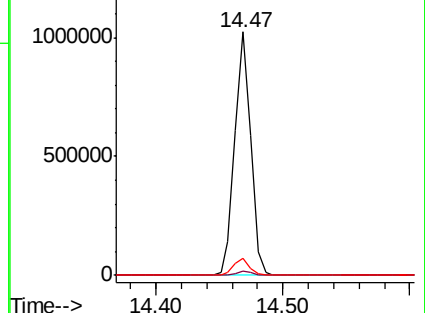
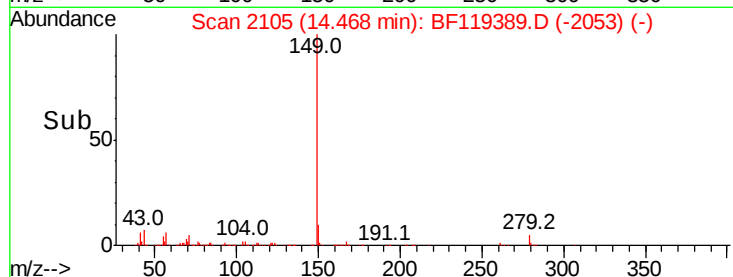
43 6.7 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.613 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.04 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

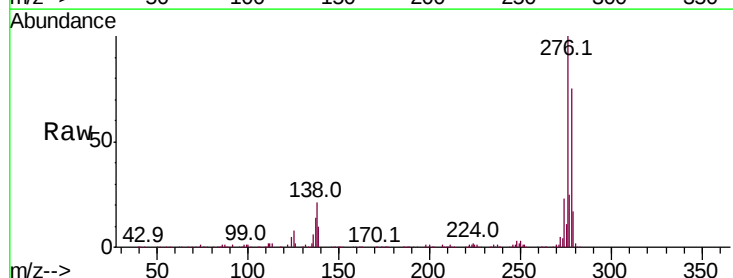
Tgt Ion:276 Resp: 836419

Ion Ratio Lower Upper

276 100

138 21.8 17.4 26.0

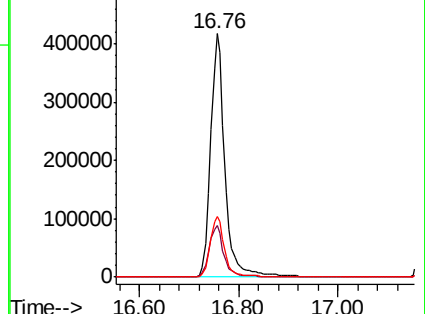
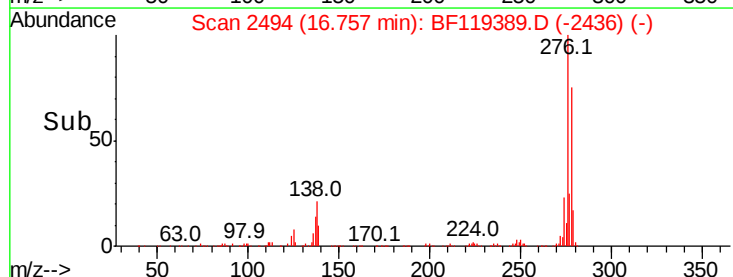
277 25.3 20.3 30.5

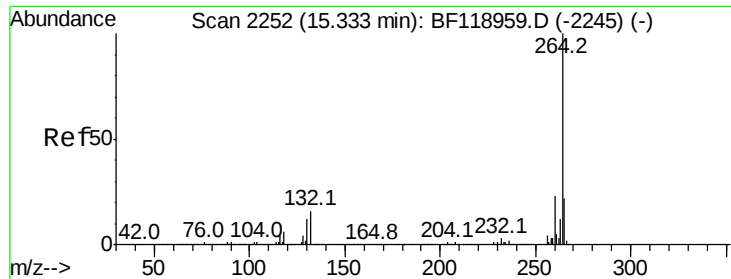


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.34 min Scan# 2253

Delta R.T. 0.03 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampleId :

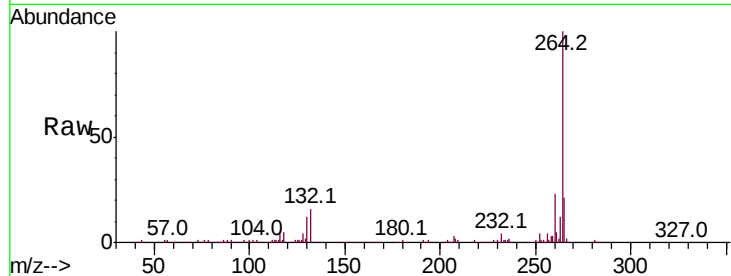
Tot Ion:264 Resp: 244801

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

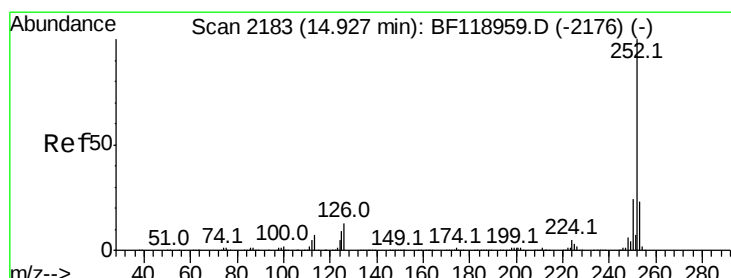
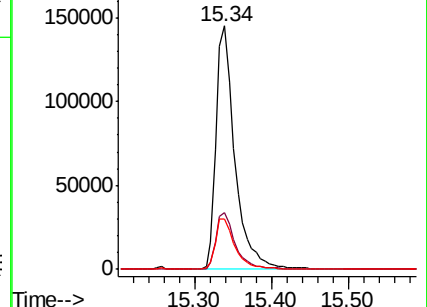
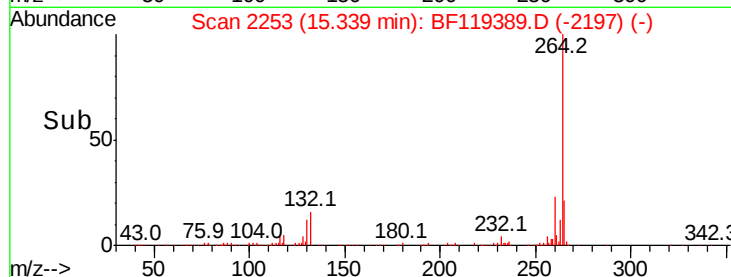
265 20.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 53.710 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.02 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

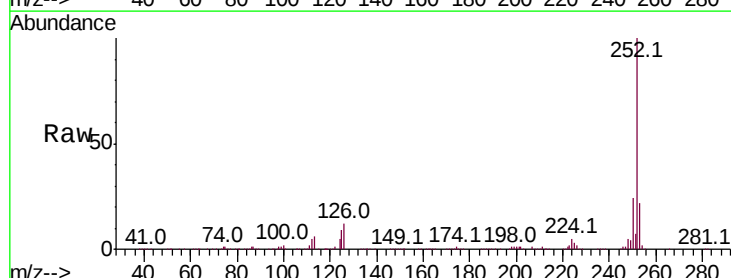
Tgt Ion:252 Resp: 866654

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

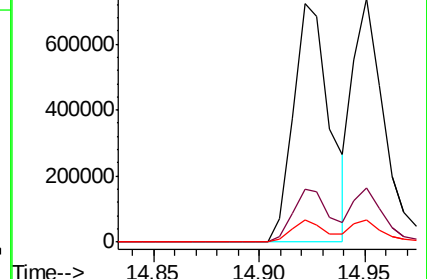
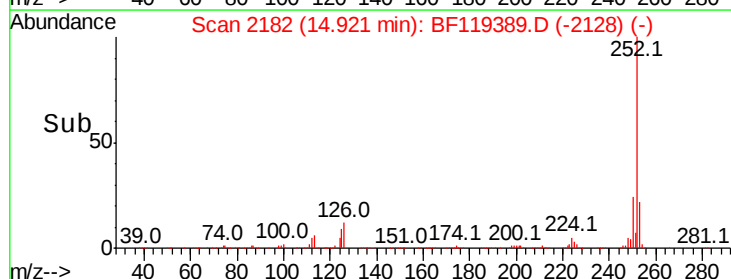
125 9.1 7.4 11.0

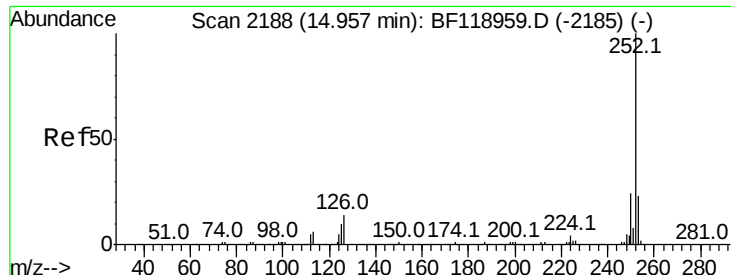


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

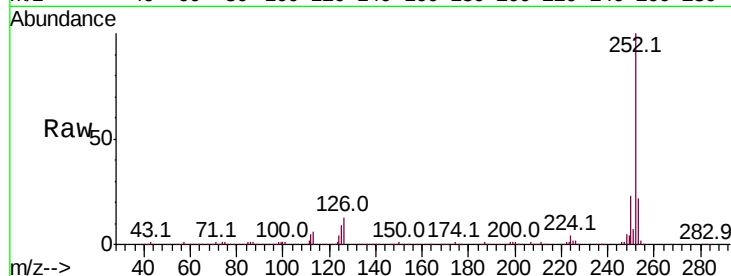




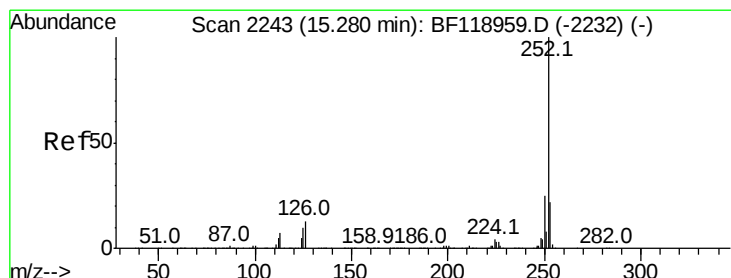
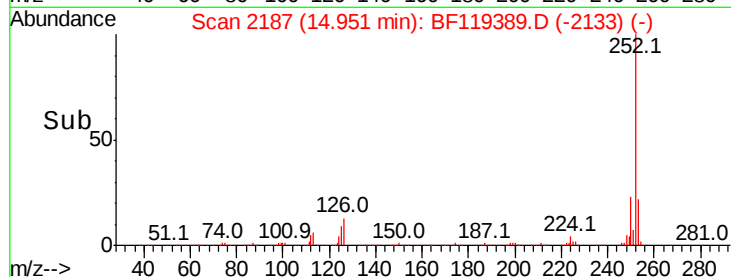
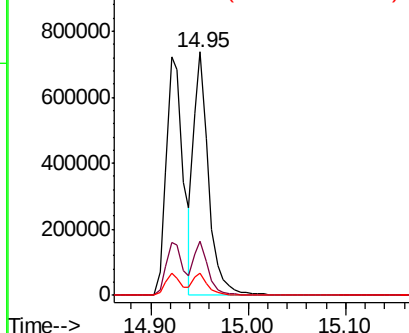
#89
Benzo(k)fluoranthene
Concen: 51.474 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.02 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.0	7.5	11.3

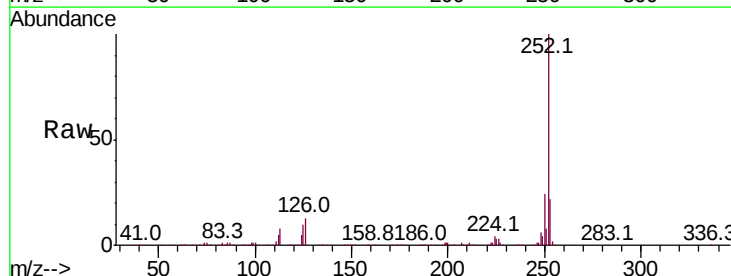


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

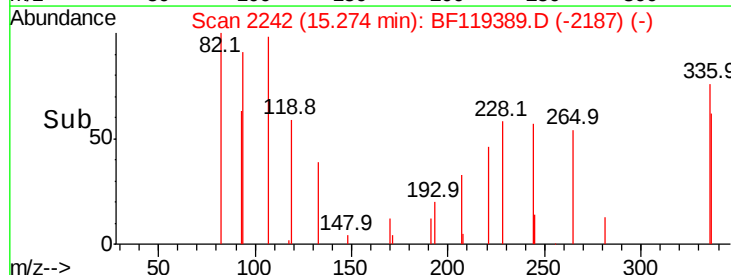
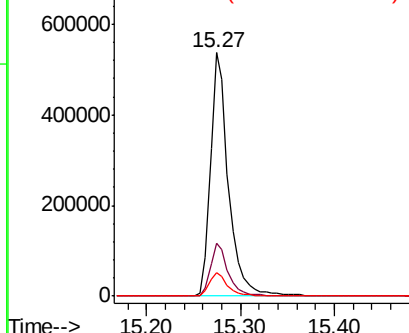


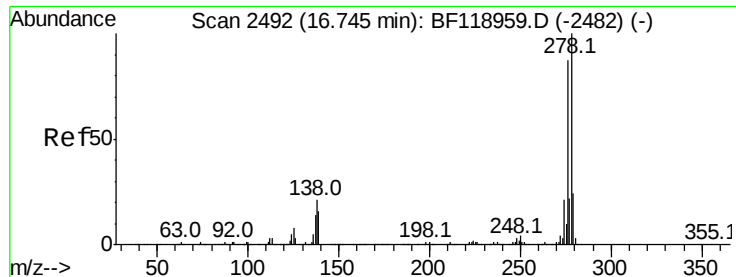
#90
Benzo(a)pyrene
Concen: 49.770 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF119389.D
Acq: 12 Mar 2020 19:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	9.8	8.6	12.8



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





#91

Dibenzo(a,h)anthracene

Concen: 54.979 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.04 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

Instrument :

BNA_F

ClientSampleId :

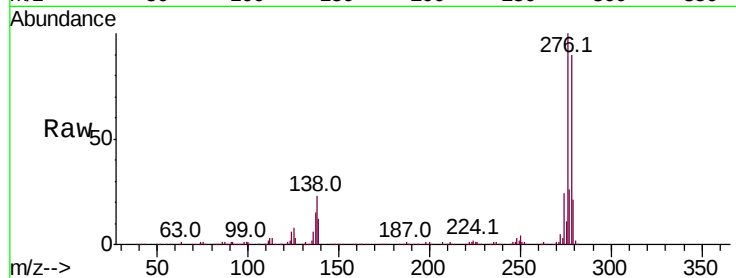
Tot Ion:278 Resp: 704487

Ion Ratio Lower Upper

278 100

139 13.8 11.0 16.4

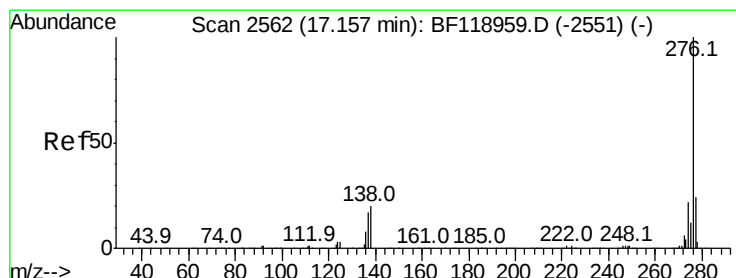
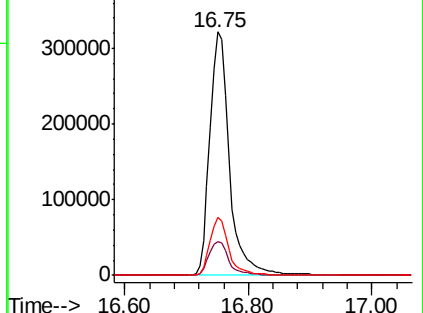
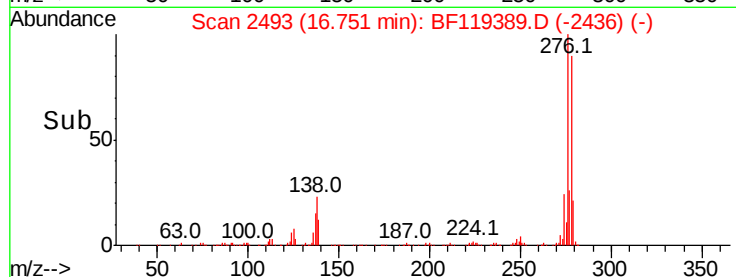
279 23.6 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 57.239 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.04 min

Lab File: BF119389.D

Acq: 12 Mar 2020 19:33

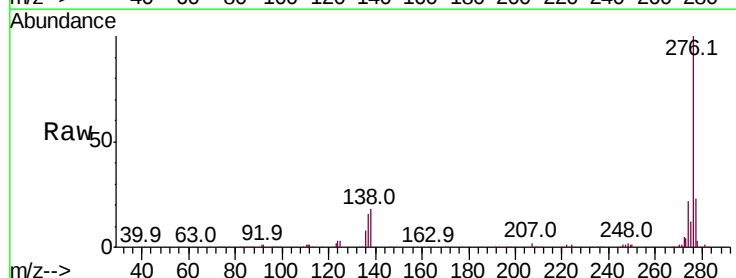
Tgt Ion:276 Resp: 724689

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 18.1 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

