

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119388.D
 Acq On : 12 Mar 2020 19:03
 Operator : CG/JU
 Sample : L1752-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:46:52 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	120645	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	474361	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	265673	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	496383	20.00	ng	0.00
76) Chrysene-d12	13.90	240	324078	20.00	ng	0.01
87) Perylene-d12	15.33	264	279956	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	863097	119.56	ng	0.02
7) Phenol-d6	6.39	99	966119	110.04	ng	0.00
23) Nitrobenzene-d5	7.29	82	724398	80.63	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	390332	112.31	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1425514	79.05	ng	0.00
79) Terphenyl-d14	12.83	244	1740053	92.44	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.60	88	115198	35.840	ng	# 86
3) Pyridine	3.34	79	181372	20.662	ng	97
4) n-Nitrosodimethylamine	3.22	42	117757	44.284	ng	90
6) Aniline	6.40	93	100439	9.271	ng	# 29
8) 2-Chlorophenol	6.52	128	357836	45.930	ng	99
9) Benzaldehyde	6.28	77	246535	42.028	ng	97
10) Phenol	6.40	94	358072	37.721	ng	78
11) bis(2-Chloroethyl)ether	6.46	93	326915	45.010	ng	99
12) 1,3-Dichlorobenzene	6.66	146	386333	41.373	ng	96
13) 1,4-Dichlorobenzene	6.74	146	393877	42.152	ng	99
14) 1,2-Dichlorobenzene	6.89	146	359953	42.238	ng	98
15) Benzyl Alcohol	6.89	79	303643	47.852	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	257229	40.884	ng	# 42
17) 2-Methylphenol	7.00	107	282998	44.803	ng	94
18) Hexachloroethane	7.23	117	140261	41.956	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	249209	48.712	ng	96
20) 3+4-Methylphenols	7.16	107	380202	49.131	ng	# 85
22) Acetophenone	7.14	105	488238	44.484	ng	# 95
24) Nitrobenzene	7.31	77	378585	42.612	ng	96
25) Isophorone	7.55	82	677090	43.396	ng	99
26) 2-Nitrophenol	7.63	139	198527	42.174	ng	99
27) 2,4-Dimethylphenol	7.67	122	310807	48.649	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	405822	39.960	ng	98
29) 2,4-Dichlorophenol	7.89	162	314187	41.774	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	340550	38.190	ng	98
31) Naphthalene	8.03	128	1035204	42.079	ng	98
32) Benzoic acid	7.86	122	146209	33.679	ng	96
33) 4-Chloroaniline	8.10	127	84181	7.956	ng	97
34) Hexachlorobutadiene	8.14	225	209192	37.661	ng	98
35) Caprolactam	8.47	113	40914	17.667	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	338478	44.468	ng	100
37) 2-Methylnaphthalene	8.72	142	714029	43.129	ng	97
38) 1-Methylnaphthalene	8.82	142	670074	43.036	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	353218	39.433	ng	99

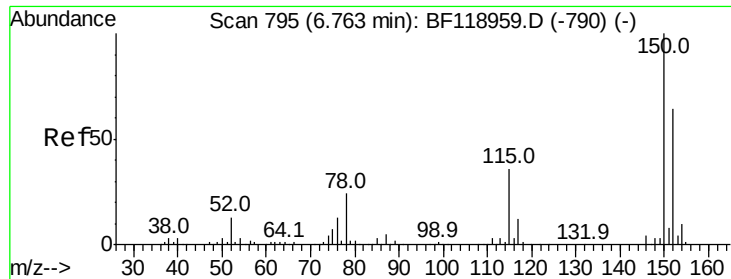
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119388.D
 Acq On : 12 Mar 2020 19:03
 Operator : CG/JU
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	103382	37.379	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	217806	38.505	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	223463	37.647	nq	99
46) 1,1'-Biphenyl	9.18	154	869880	40.513	nq	98
47) 2-Chloronaphthalene	9.21	162	689550	39.851	nq	98
48) 2-Nitroaniline	9.32	65	198698	41.171	nq	96
49) Acenaphthylene	9.62	152	1049046	41.977	nq	99
50) Dimethylphthalate	9.49	163	899083	44.256	nq	100
51) 2,6-Dinitrotoluene	9.56	165	187550	41.553	nq #	72
52) Acenaphthene	9.79	154	631618	41.915	nq	99
53) 3-Nitroaniline	9.75	138	45258	9.045	nq #	98
54) 2,4-Dinitrophenol	9.86	184	156513	72.156	nq	91
55) Dibenzofuran	9.97	168	932654	41.466	nq	99
56) 4-Nitrophenol	9.97	139	549615	182.817	nq #	15
57) 2,4-Dinitrotoluene	9.97	165	241749	41.322	nq	97
58) Fluorene	10.31	166	766592	43.862	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	207178	41.365	nq	98
60) Diethylphthalate	10.19	149	811595	42.392	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	394695	42.664	nq	100
62) 4-Nitroaniline	10.36	138	160677	31.386	nq	96
63) Azobenzene	10.46	77	737841	44.339	nq	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	122127	40.659	nq	98
66) n-Nitrosodiphenylamine	10.42	169	686271	42.223	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	256562	39.542	nq	99
68) Hexachlorobenzene	10.87	284	295084	39.446	nq	96
69) Atrazine	10.96	200	223883	39.425	nq	97
70) Pentachlorophenol	11.07	266	181951	60.380	nq	99
71) Phenanthrene	11.27	178	1123079	41.487	nq	98
72) Anthracene	11.33	178	1177841	43.547	nq	98
73) Carbazole	11.49	167	1022066	42.416	nq	99
74) Di-n-butylphthalate	11.80	149	1218397	41.754	nq	99
75) Fluoranthene	12.47	202	1194125	41.557	nq	98
77) Benzidine	12.59	184	270166	20.498	nq	97
78) Pyrene	12.69	202	1184820	45.530	nq	99
80) Butylbenzylphthalate	13.30	149	466942	42.634	nq	99
81) Benzo(a)anthracene	13.89	228	955527	43.273	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	133196	15.534	nq	99
83) Chrysene	13.92	228	937814	42.623	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	592200	42.799	nq #	97
85) Di-n-octyl phthalate	14.47	149	849497	38.533	nq	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	794437	37.290	nq	99
88) Benzo(b)fluoranthene	14.92	252	759013	41.132	nq	100
89) Benzo(k)fluoranthene	14.95	252	825395	48.266	nq	99
90) Benzo(a)pyrene	15.27	252	700317	42.050	nq	98
91) Dibenzo(a,h)anthracene	16.75	278	661769	45.160	nq	100
92) Benzo(g,h,i)perylene	17.18	276	672219	46.428	nq	99

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

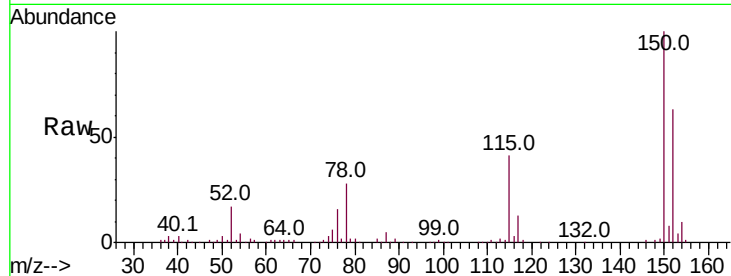


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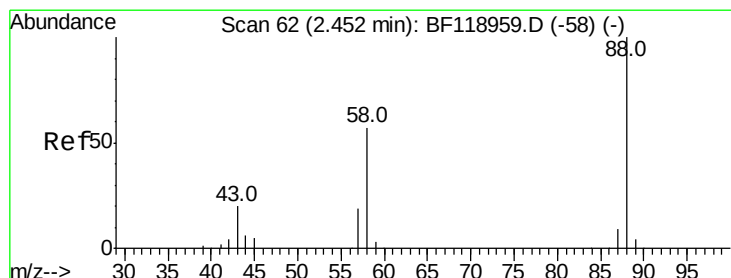
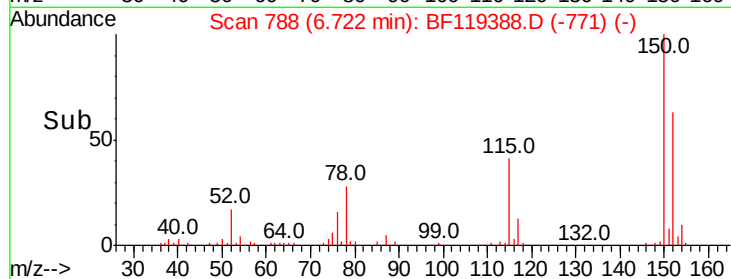
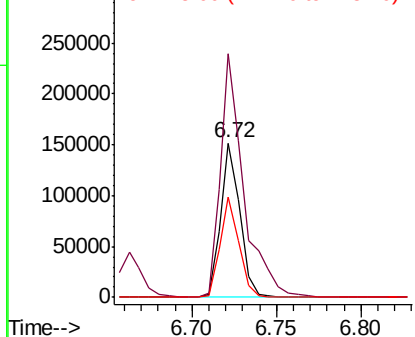
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120645
Ion Ratio Lower Upper
152 100
150 157.6 123.0 184.6
115 64.9 49.5 74.3



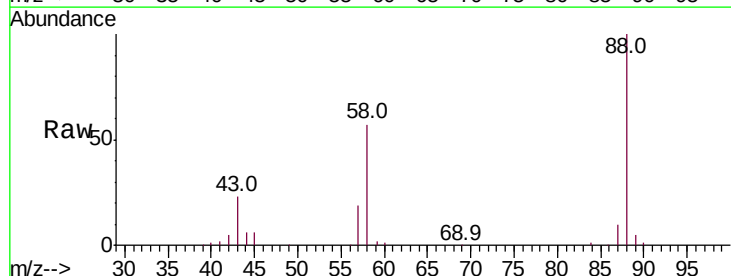
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



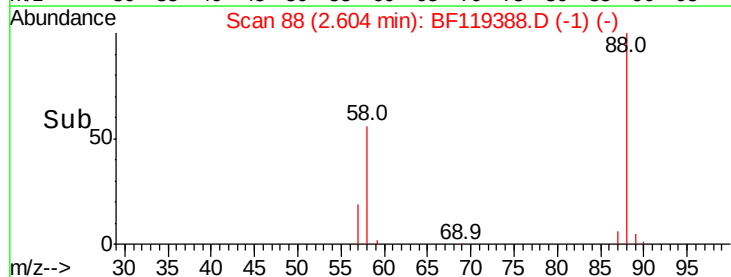
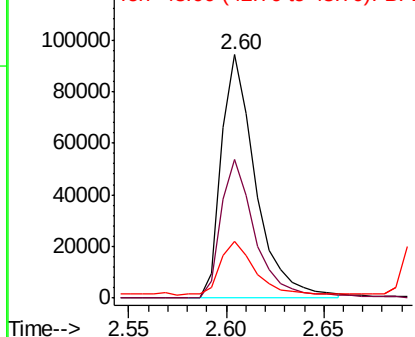
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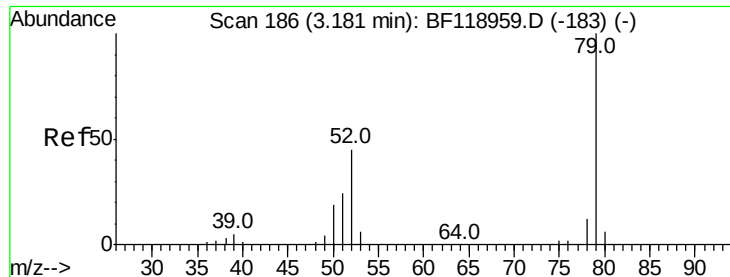
1,4-Dioxane
Concen: 35.840 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.22 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion: 88 Resp: 115198
Ion Ratio Lower Upper
88 100
58 56.8 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: 20.662 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.24 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

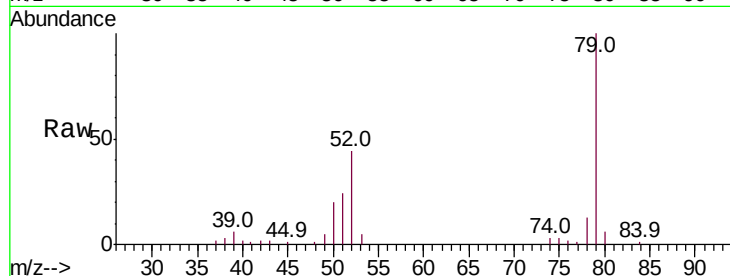
Tot Ion: 79 Resp: 181372

Ion Ratio Lower Upper

79 100

52 43.8 37.4 56.0

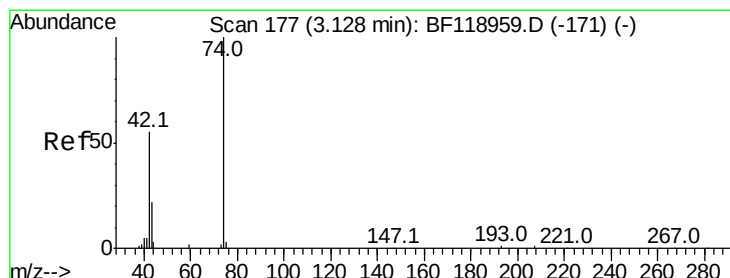
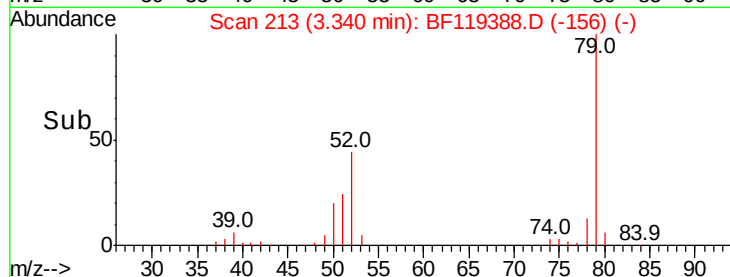
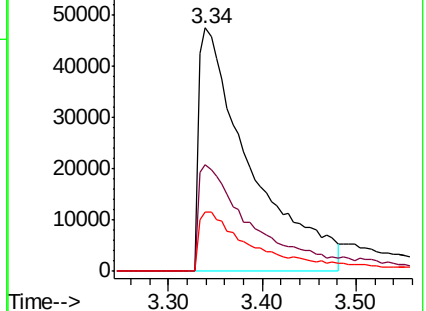
51 24.3 19.8 29.6



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: 44.284 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.16 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

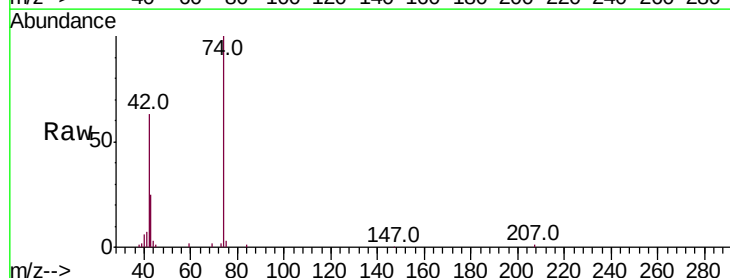
Tgt Ion: 42 Resp: 117757

Ion Ratio Lower Upper

42 100

74 158.1 137.7 206.5

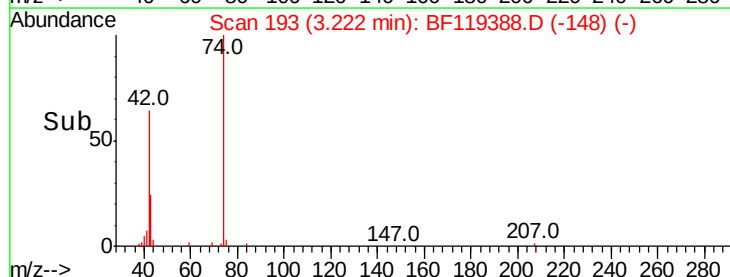
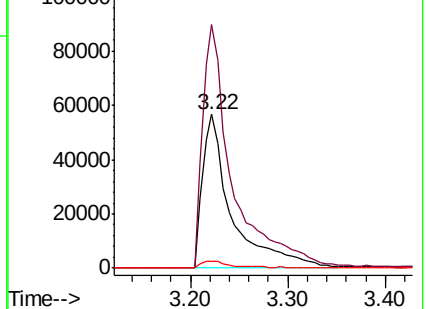
44 4.6 4.5 6.7

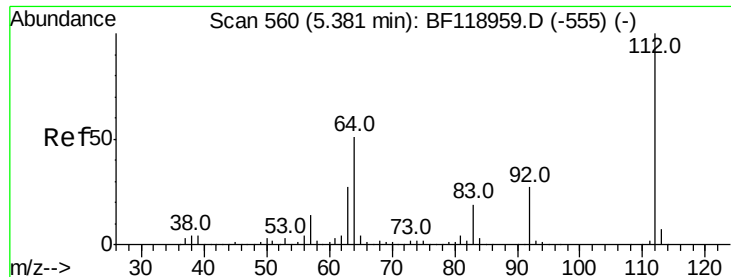


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

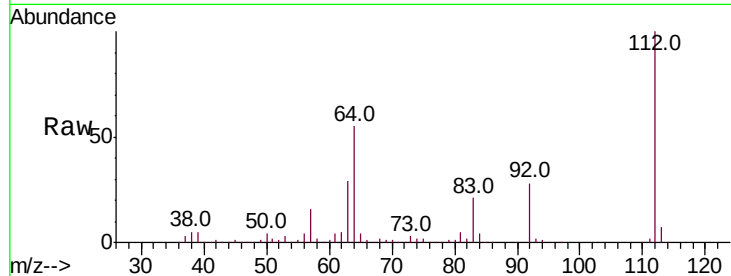




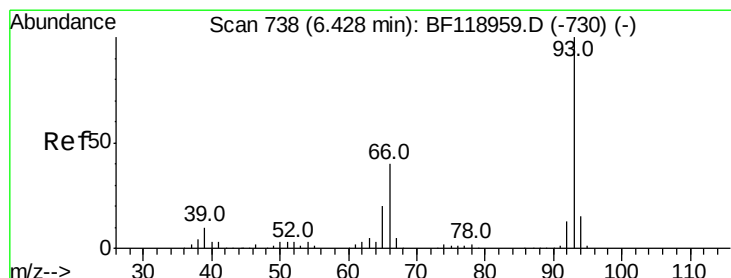
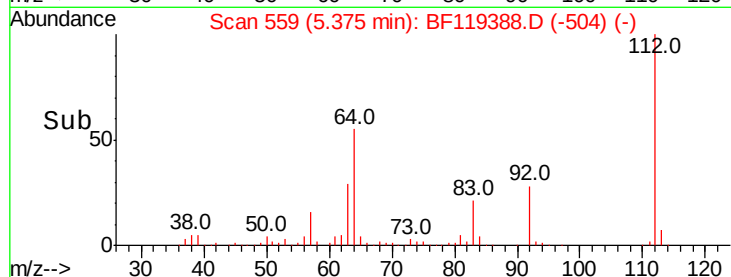
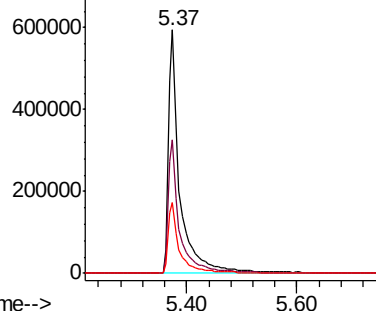
#5
 2-Fluorophenol
 Concen: 119.556 ng
 RT: 5.37 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	112	Resp:	863097
Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.0	67.4
63	29.1	24.2	36.4

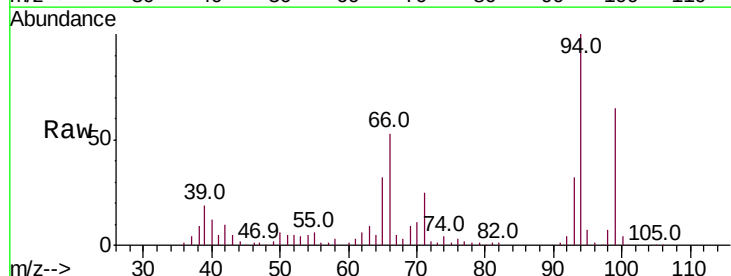


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

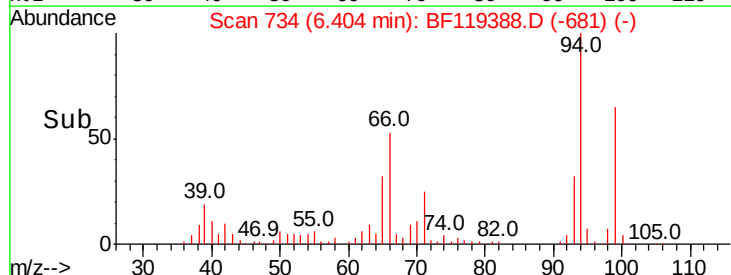
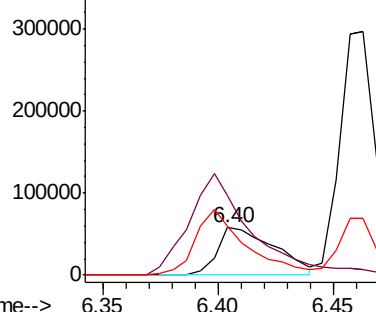


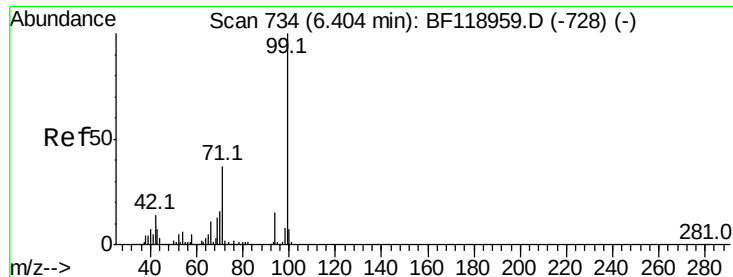
#6
 Aniline
 Concen: 9.271 ng
 RT: 6.40 min Scan# 734
 Delta R.T. 0.01 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion:	93	Resp:	100439
Ion	Ratio	Lower	Upper
93	100		
66	166.7	74.5	111.7#
65	102.7	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: 110.038 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampled :

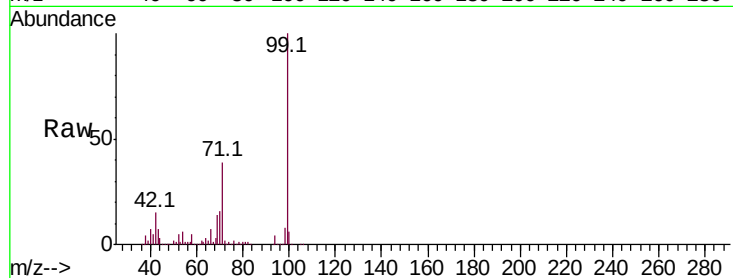
Tot Ion: 99 Resp: 966119

Ion Ratio Lower Upper

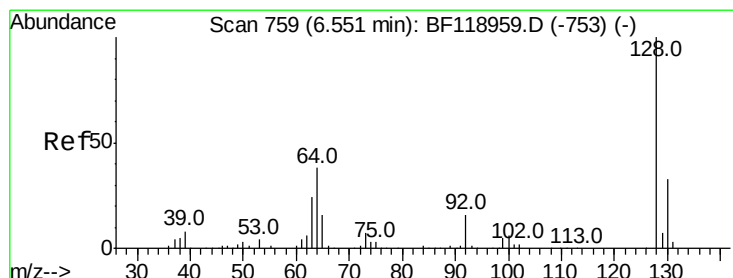
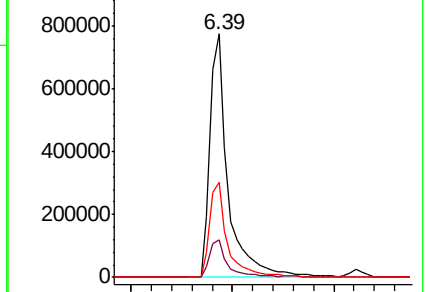
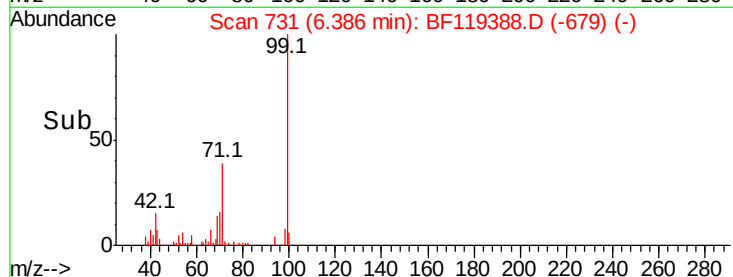
99 100

42 15.3 12.6 18.8

71 39.2 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: 45.930 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

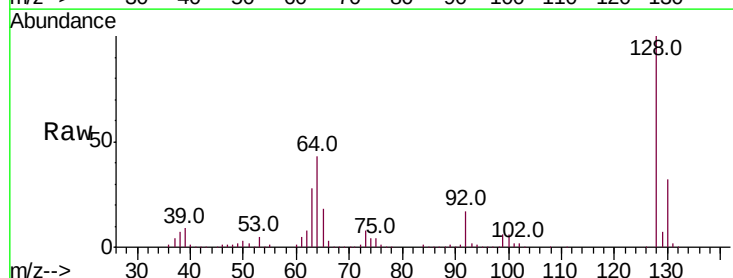
Tgt Ion:128 Resp: 357836

Ion Ratio Lower Upper

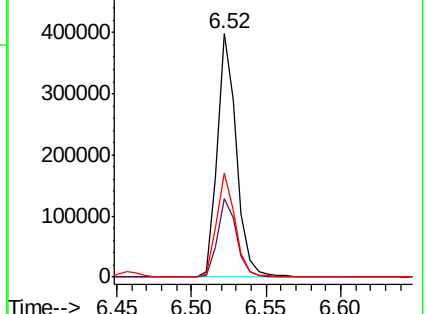
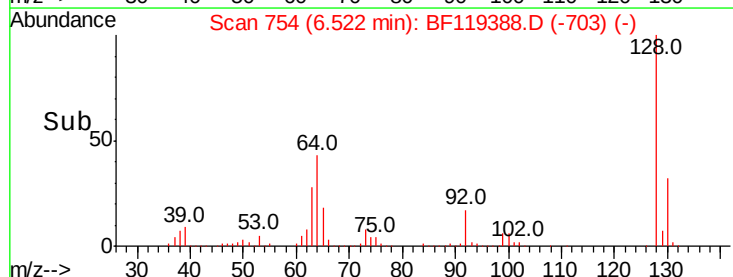
128 100

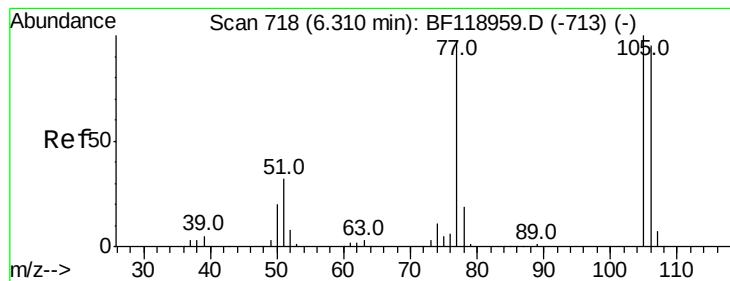
130 32.1 12.7 52.7

64 42.9 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: 42.028 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampled :

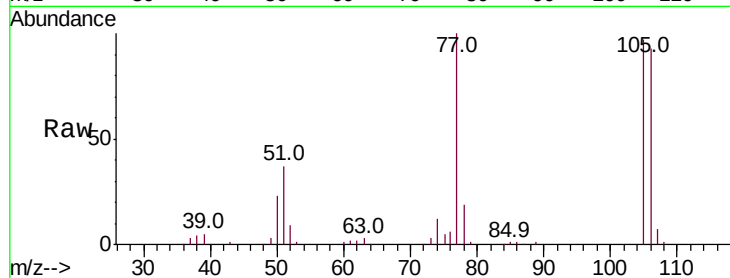
Tot Ion: 77 Resp: 246535

Ion Ratio Lower Upper

77 100

105 96.7 80.1 120.1

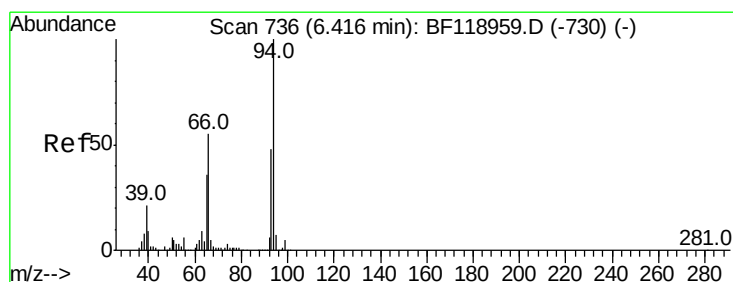
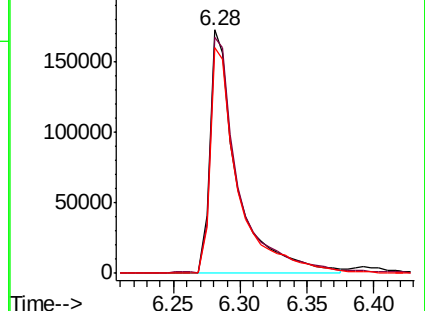
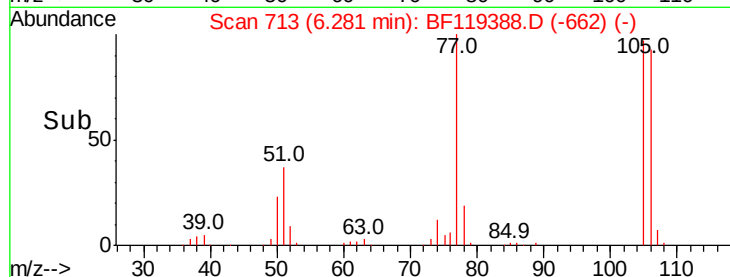
106 92.9 75.9 115.9



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: 37.721 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

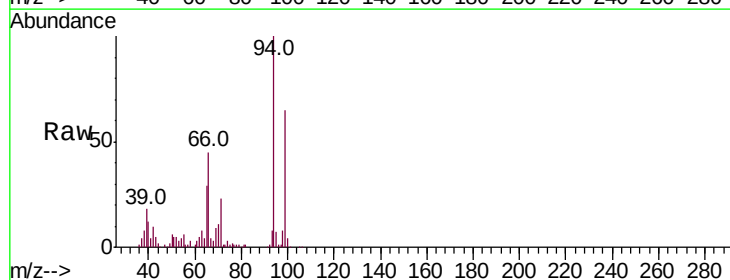
Tgt Ion: 94 Resp: 358072

Ion Ratio Lower Upper

94 100

65 29.0 19.2 59.2

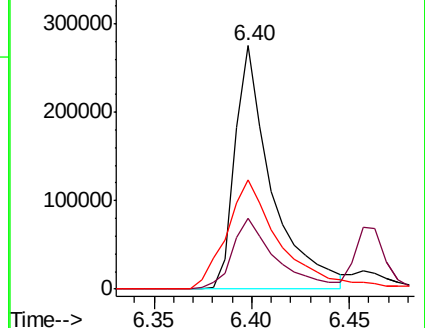
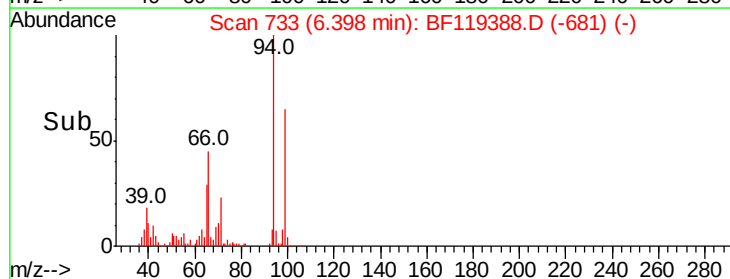
66 44.7 44.4 84.4

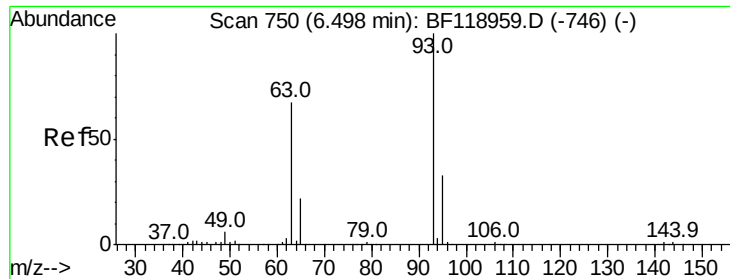


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 45.010 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

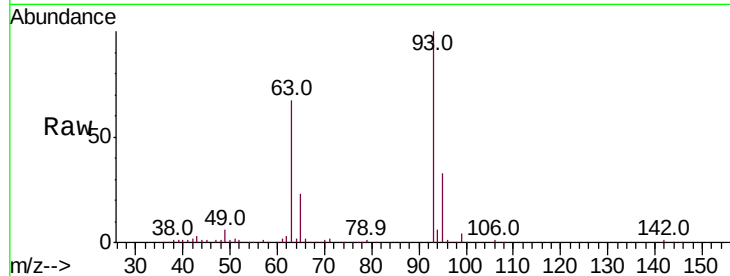
Tot Ion: 93 Resp: 326915

Ion Ratio Lower Upper

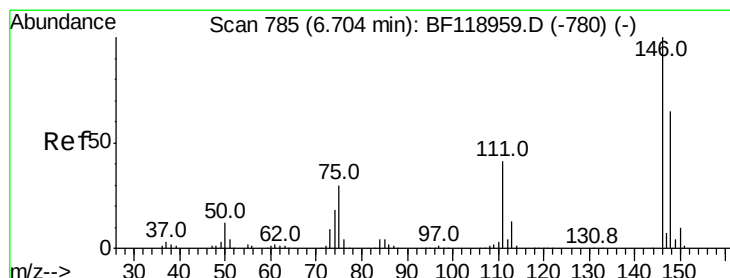
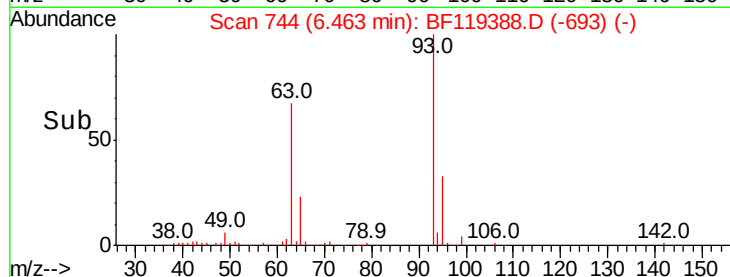
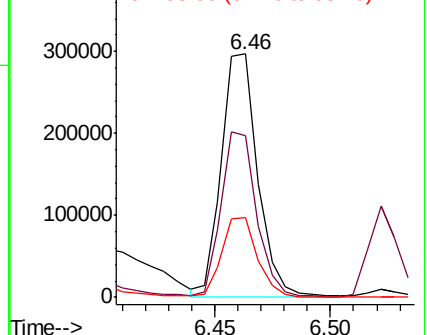
93 100

63 66.5 45.4 85.4

95 32.6 13.5 53.5



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



#12

1,3-Dichlorobenzene

Concen: 41.373 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

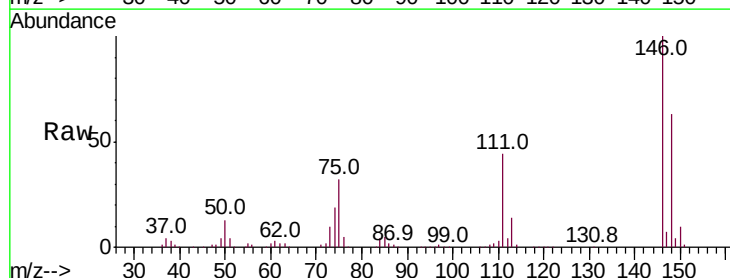
Tgt Ion: 146 Resp: 386333

Ion Ratio Lower Upper

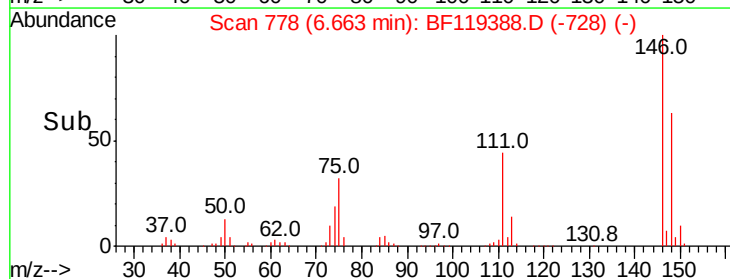
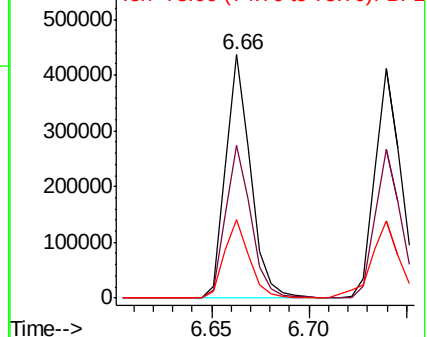
146 100

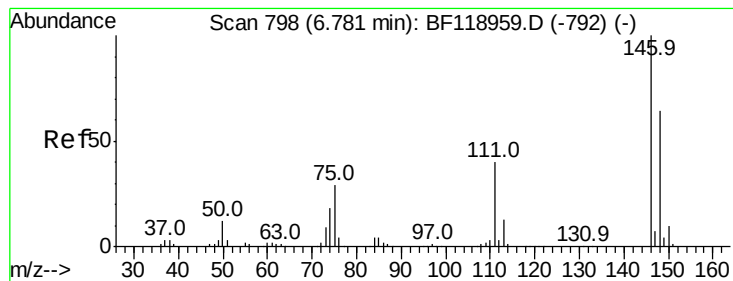
148 62.8 52.5 78.7

75 32.2 23.6 35.4



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





#13

1,4-Dichlorobenzene

Concen: 42.152 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampled :

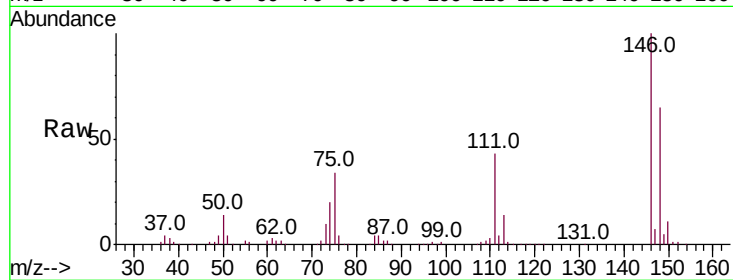
Tot Ion:146 Resp: 393877

Ion Ratio Lower Upper

146 100

148 64.9 51.1 76.7

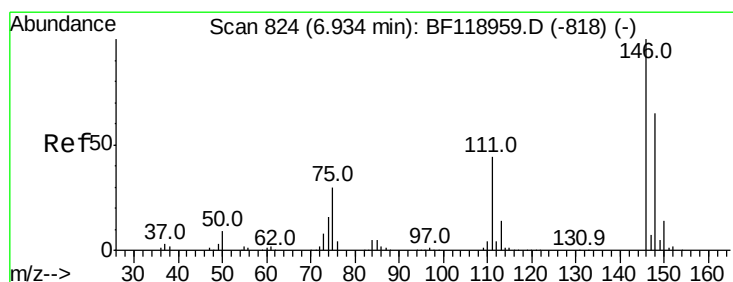
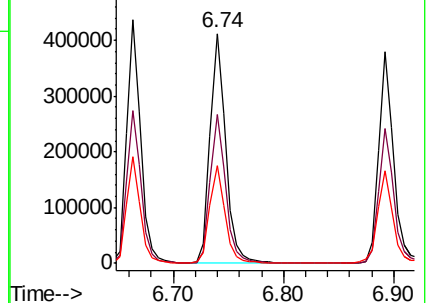
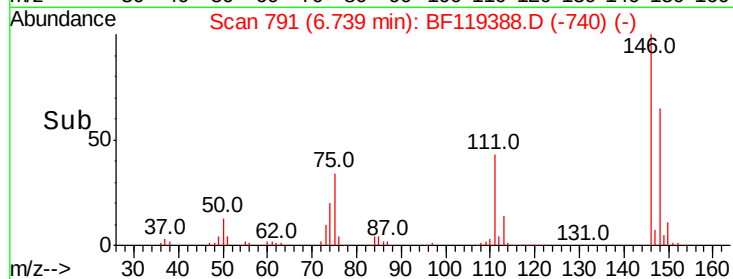
111 42.6 34.8 52.2



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: 42.238 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

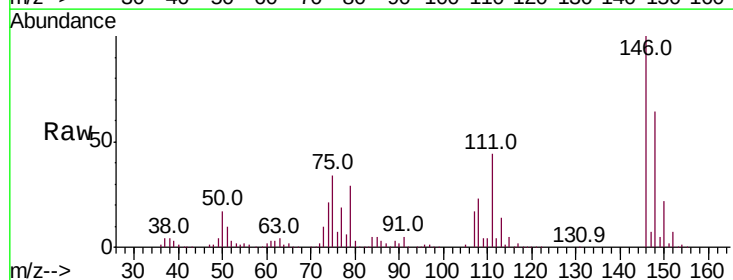
Tgt Ion:146 Resp: 359953

Ion Ratio Lower Upper

146 100

148 63.7 51.9 77.9

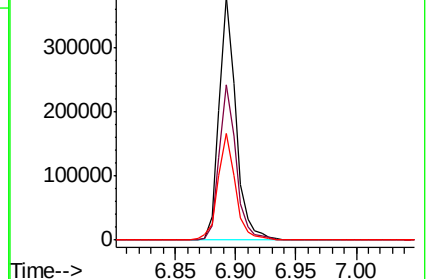
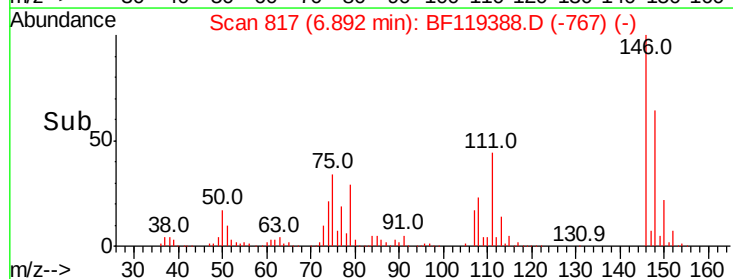
111 43.8 36.2 54.2

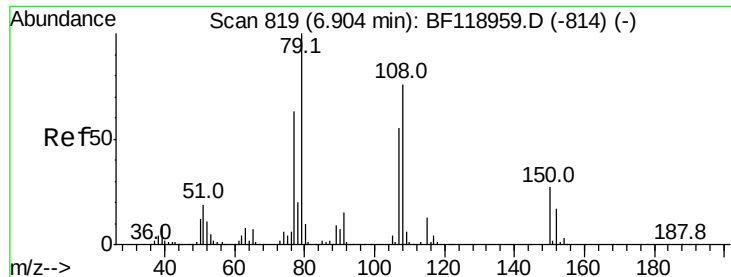


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.852 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampled :

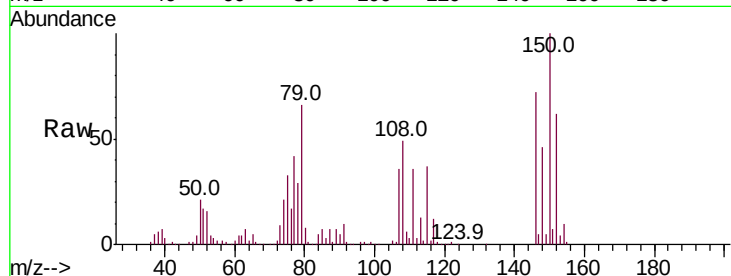
Tot Ion: 79 Resp: 303643

Ion Ratio Lower Upper

79 100

108 75.0 58.2 87.2

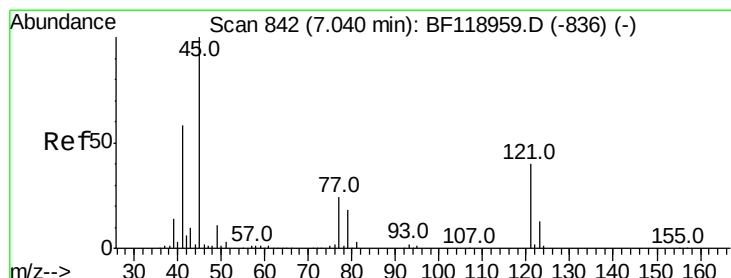
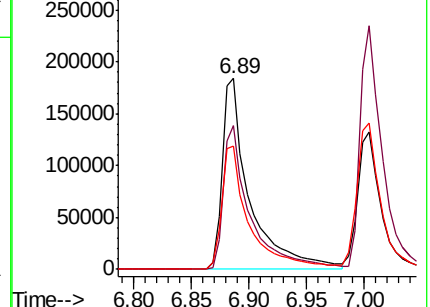
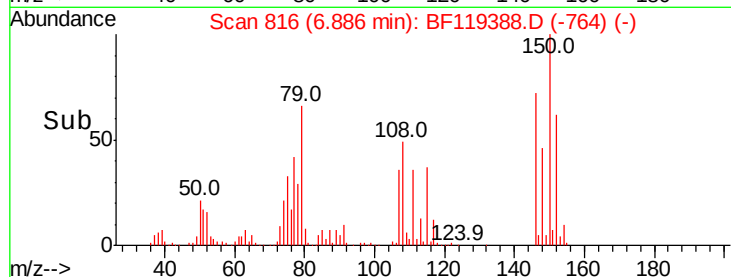
77 64.4 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.884 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

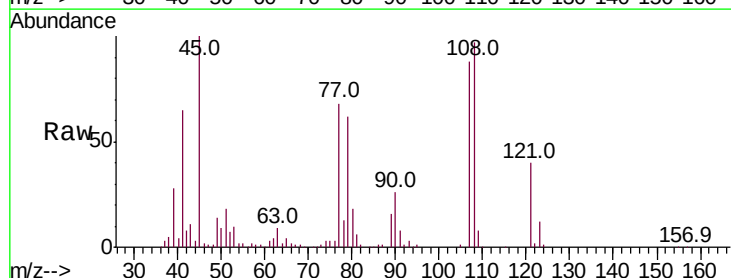
Tgt Ion: 45 Resp: 257229

Ion Ratio Lower Upper

45 100

77 67.7 15.0 55.0#

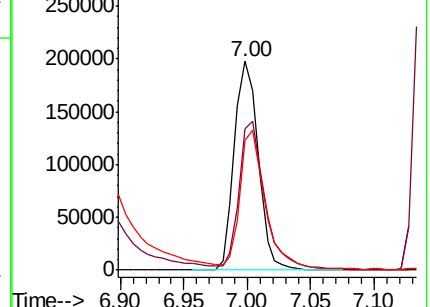
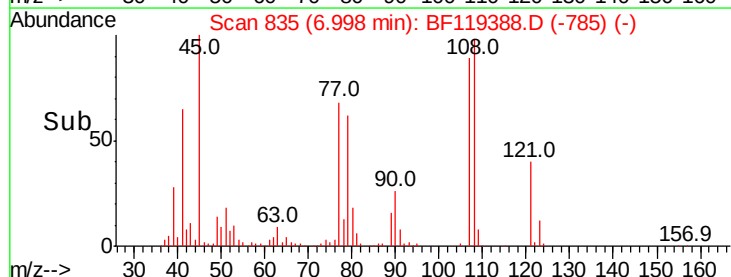
79 61.8 9.4 49.4#

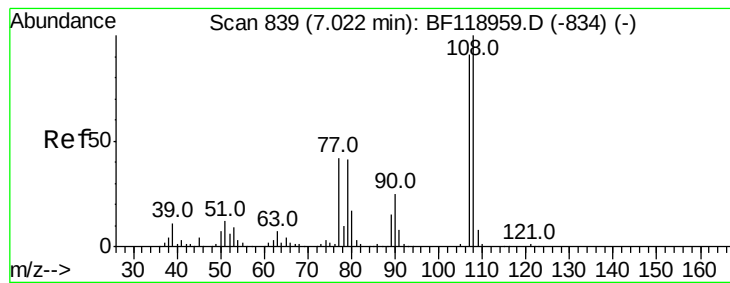


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

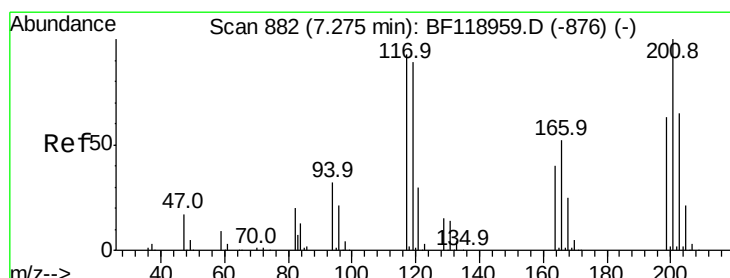
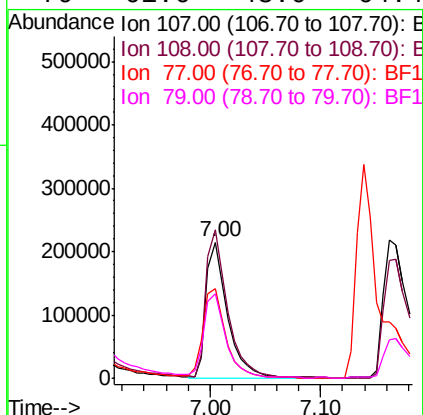
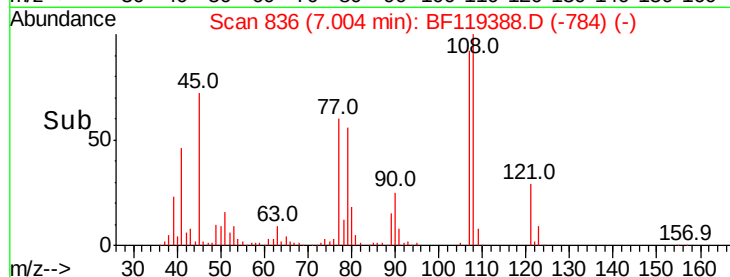
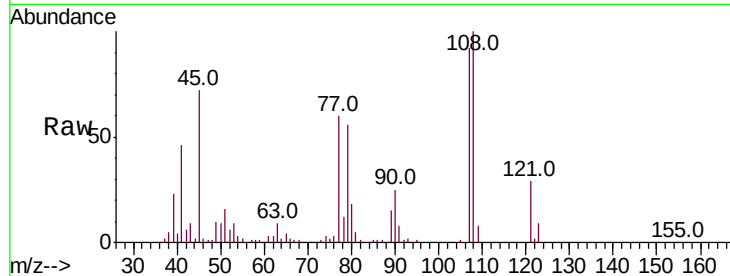




#17
2-Methylphenol
Concen: 44.803 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

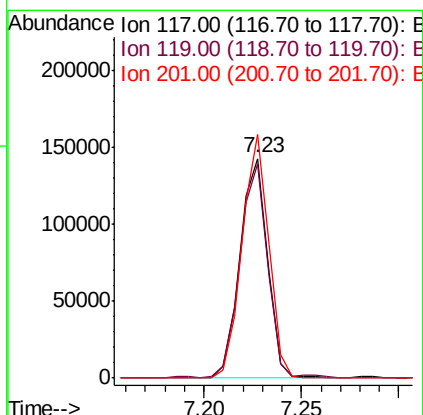
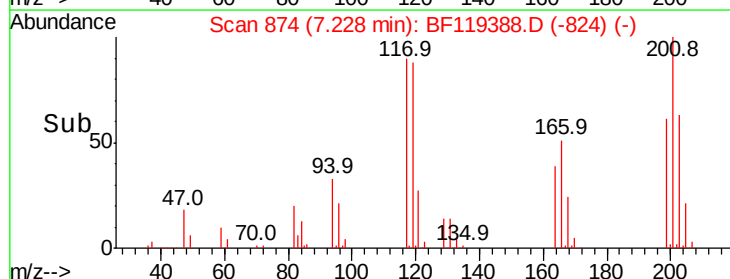
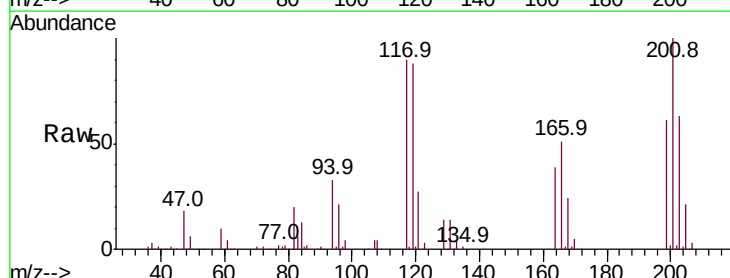
Instrument :
BNA_F
ClientSampled :

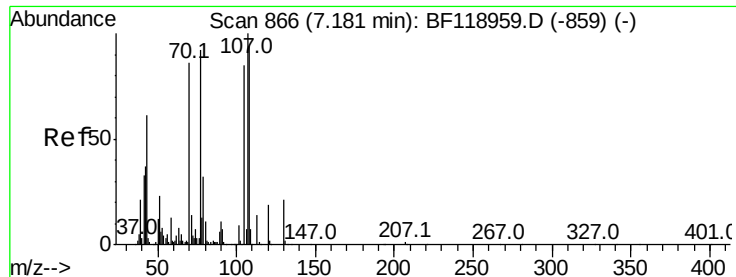
Tot Ion:107 Resp: 282998
Ion Ratio Lower Upper
107 100
108 109.2 87.9 131.9
77 65.7 45.3 67.9
79 61.6 43.0 64.4



#18
Hexachloroethane
Concen: 41.956 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion:117 Resp: 140261
Ion Ratio Lower Upper
117 100
119 97.4 77.5 116.3
201 110.8 82.6 123.8

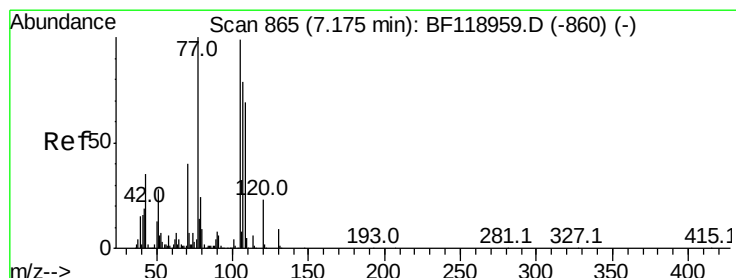
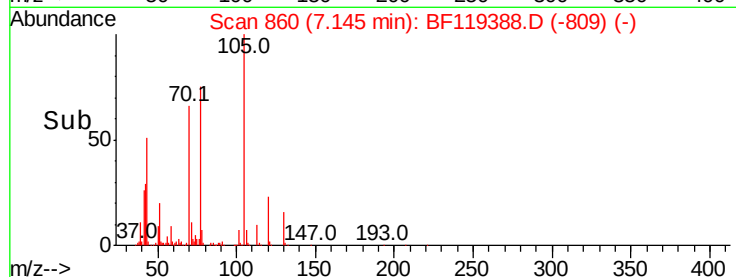
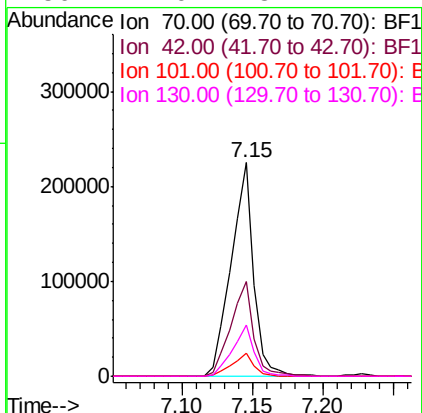
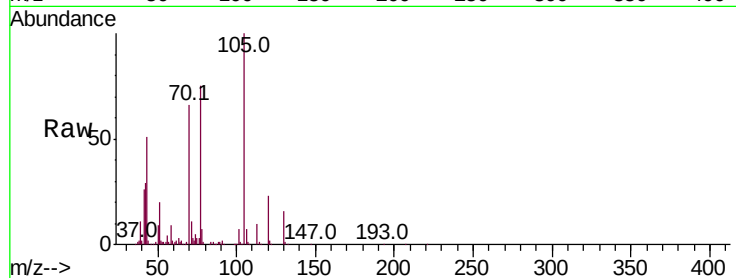




#19
n-Nitroso-di-n-propylamine
Concen: 48.712 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

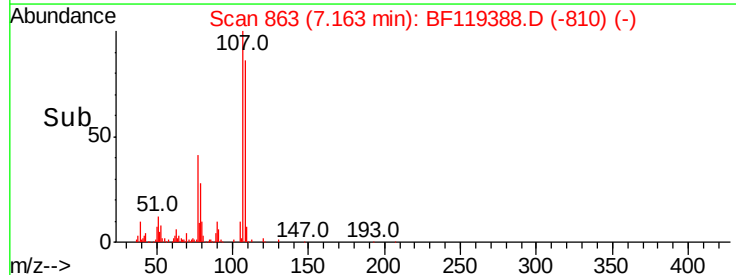
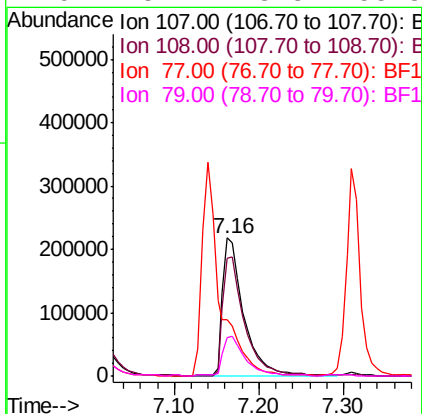
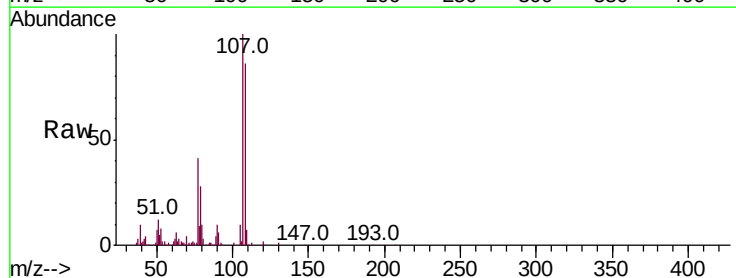
Instrument :
BNA_F
ClientSampleId :

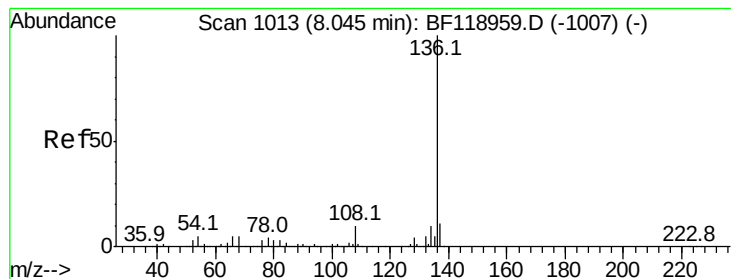
Tot Ion:	70	Resp:	249209
Ion	Ratio	Lower	Upper
70	100		
42	44.2	38.0	57.0
101	10.5	8.2	12.4
130	24.0	18.2	27.4



#20
3+4-Methylphenols
Concen: 49.131 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion:	107	Resp:	380202
Ion	Ratio	Lower	Upper
107	100		
108	85.8	71.5	111.5
77	41.1	45.9	85.9#
79	28.1	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: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 474361

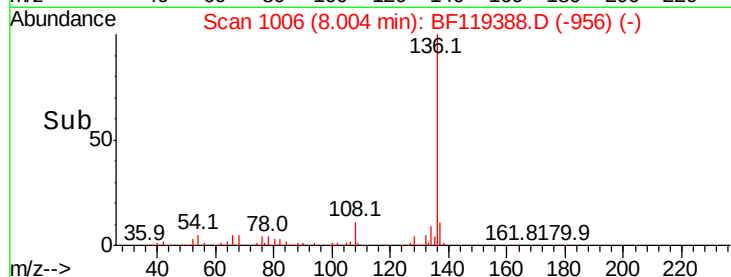
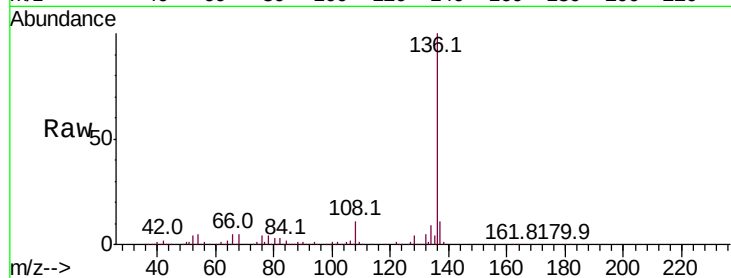
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 5.0 3.8 5.6

68 5.0 3.9 5.9

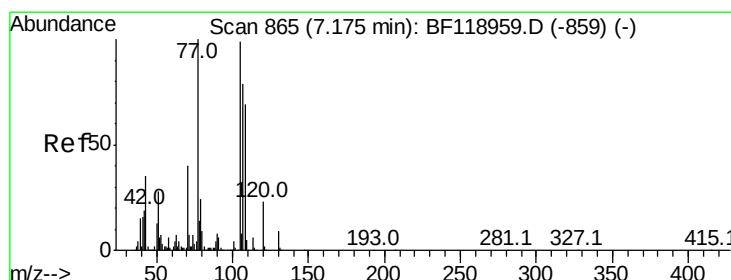
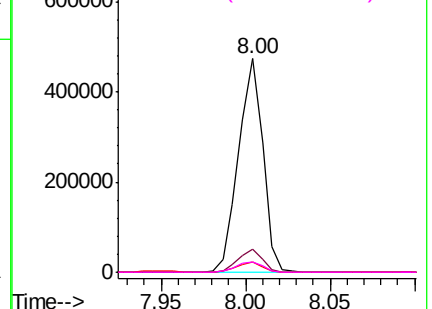


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.484 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Tgt Ion:105 Resp: 488238

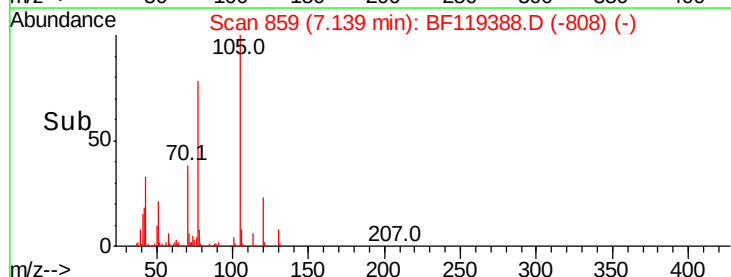
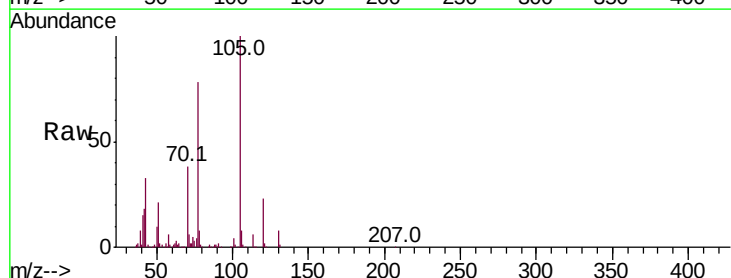
Ion Ratio Lower Upper

105 100

71 6.3 3.0 4.4#

51 20.8 20.1 30.1

120 23.0 18.0 27.0

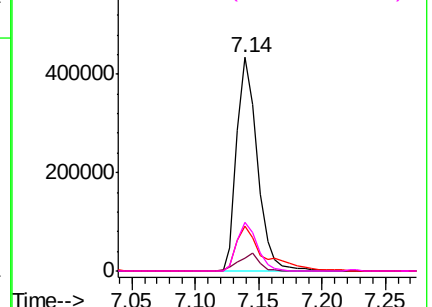


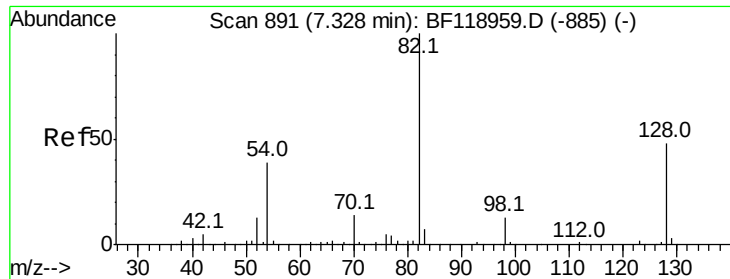
Abundance Ion 105.00 (104.70 to 105.70): E

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

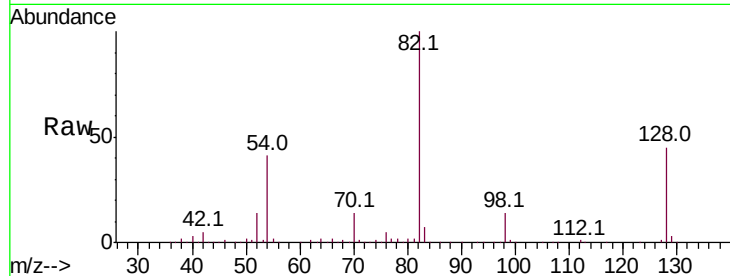




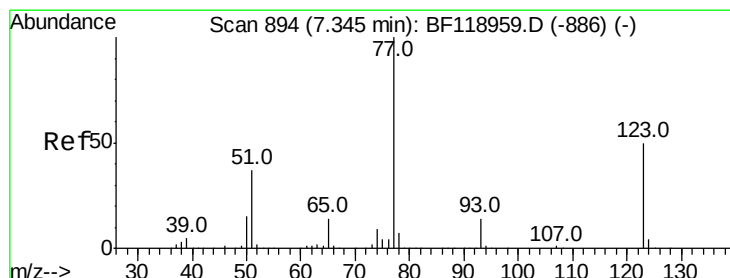
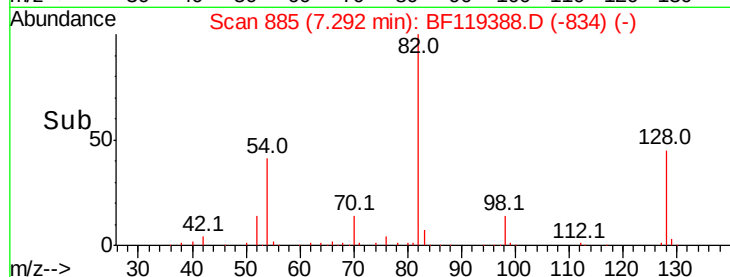
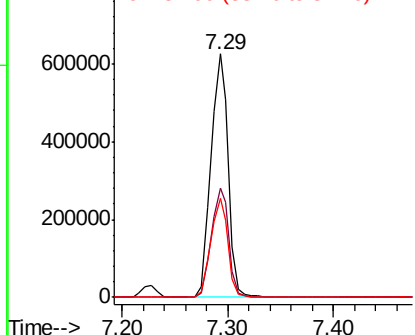
#23
 Nitrobenzene-d5
 Concen: 80.631 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 724398
 Ion Ratio Lower Upper
 82 100
 128 44.7 37.9 56.9
 54 40.8 33.4 50.2

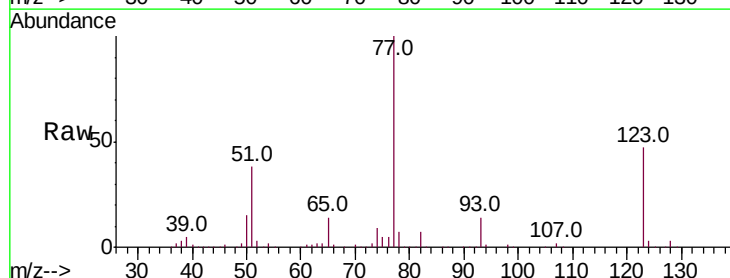


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

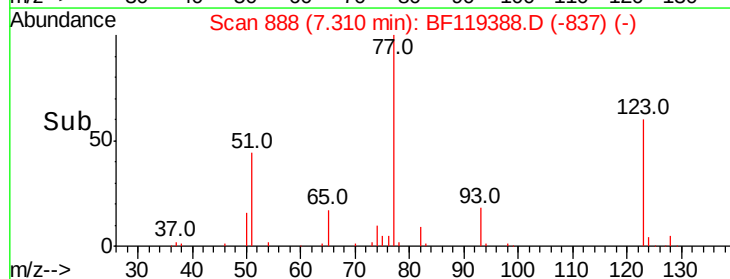
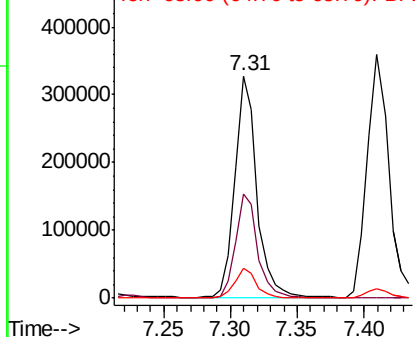


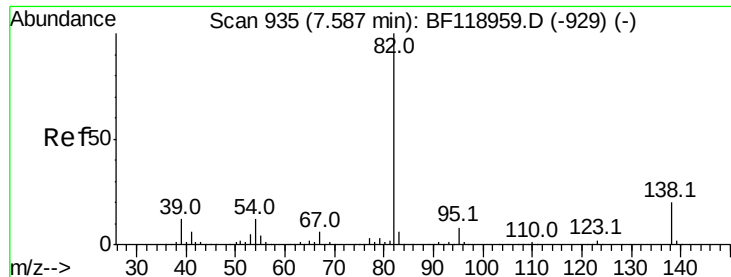
#24
 Nitrobenzene
 Concen: 42.612 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion: 77 Resp: 378585
 Ion Ratio Lower Upper
 77 100
 123 46.8 40.2 60.2
 65 13.7 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: 43.396 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

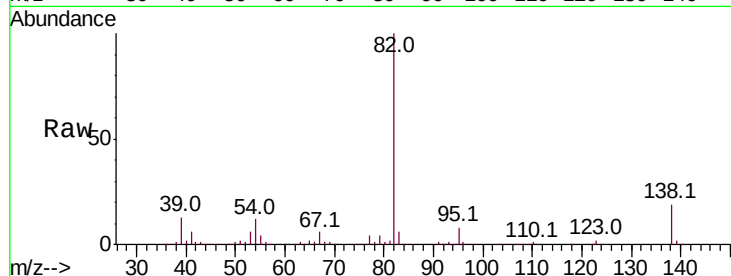
Tot Ion: 82 Resp: 677090

Ion Ratio Lower Upper

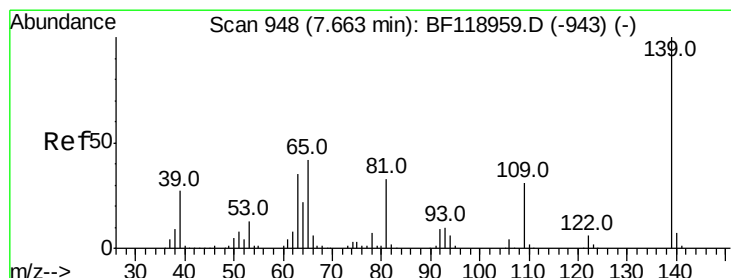
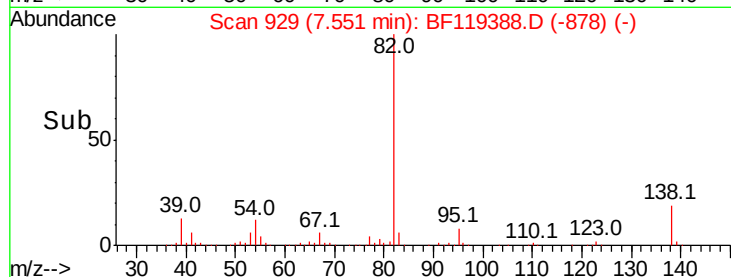
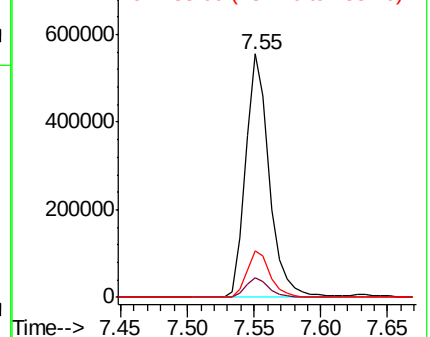
82 100

95 8.1 6.4 9.6

138 18.9 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.174 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

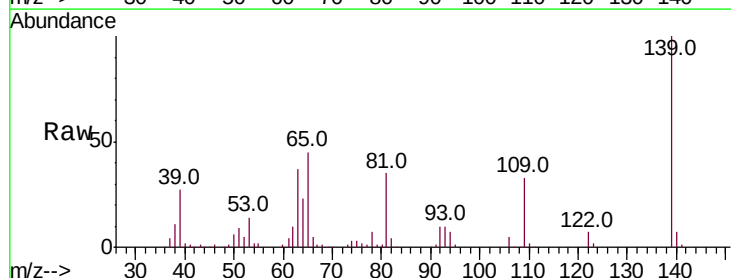
Tgt Ion:139 Resp: 198527

Ion Ratio Lower Upper

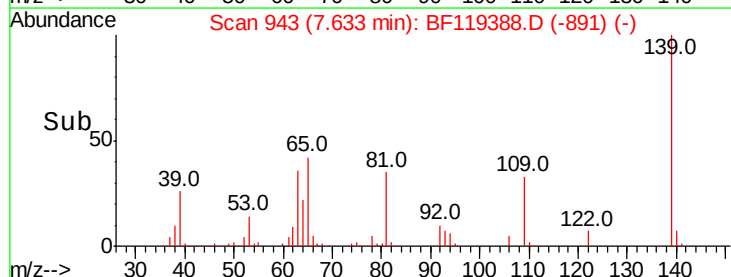
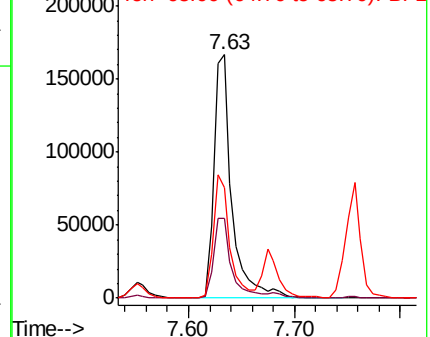
139 100

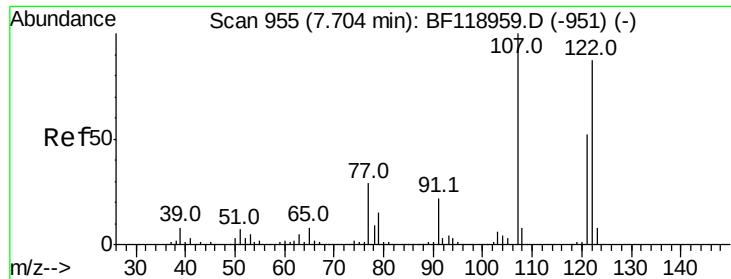
109 32.9 25.7 38.5

65 45.5 37.1 55.7



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

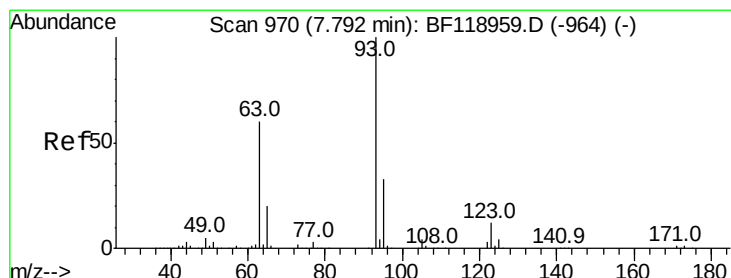
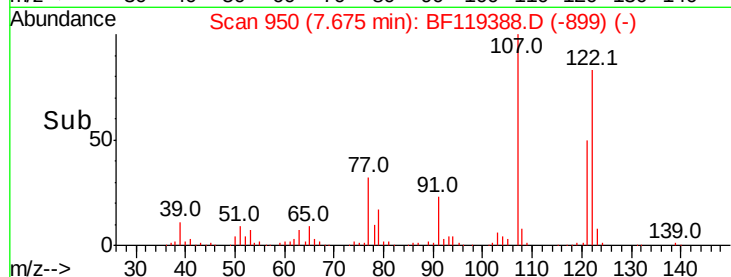
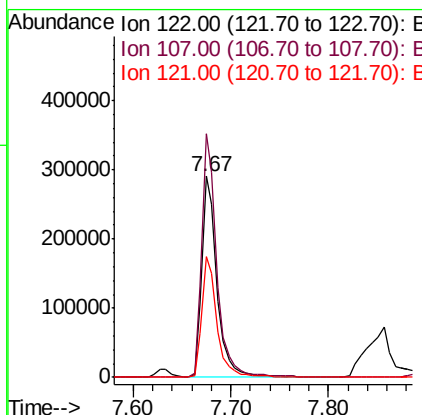
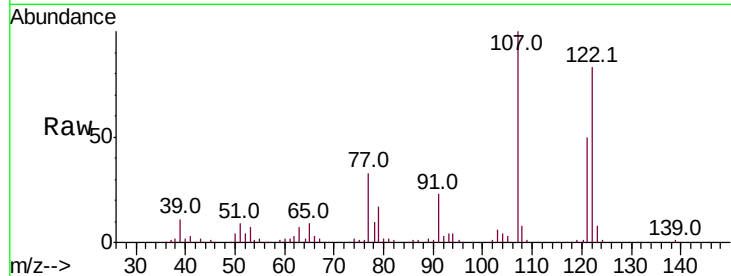




#27
 2,4-Dimethylphenol
 Concen: 48.649 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

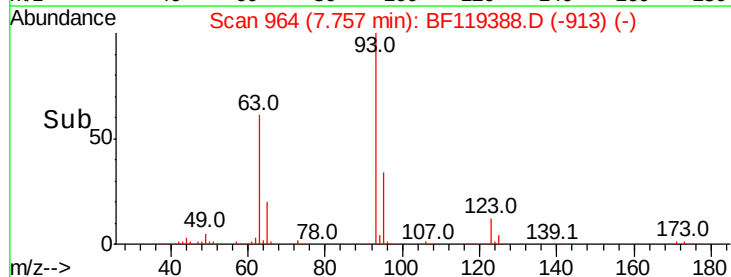
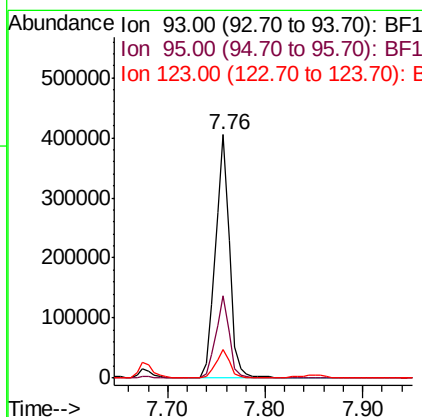
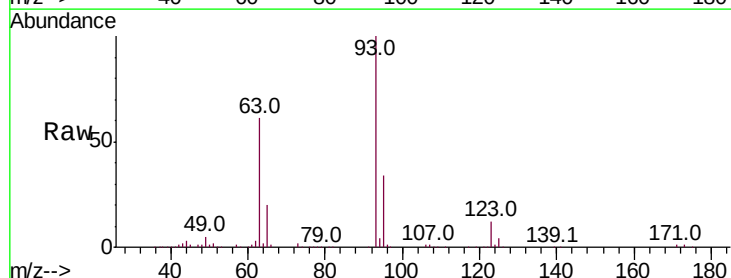
Instrument :
 BNA_F
 ClientSampled :

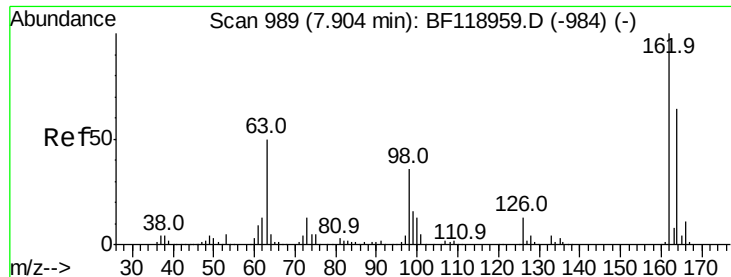
Tot Ion:122 Resp: 310807
 Ion Ratio Lower Upper
 122 100
 107 121.0 93.8 140.6
 121 59.9 48.2 72.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.960 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion: 93 Resp: 405822
 Ion Ratio Lower Upper
 93 100
 95 34.1 26.5 39.7
 123 12.0 10.2 15.2

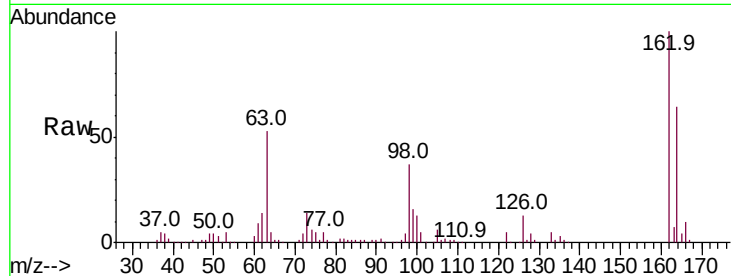




#29
 2,4-Dichlorophenol
 Concen: 41.774 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.2	85.2
98	37.1	17.4	57.4

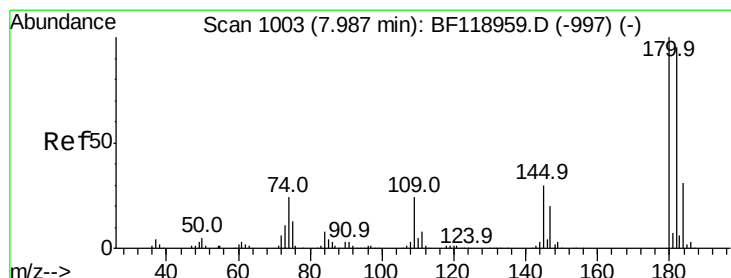
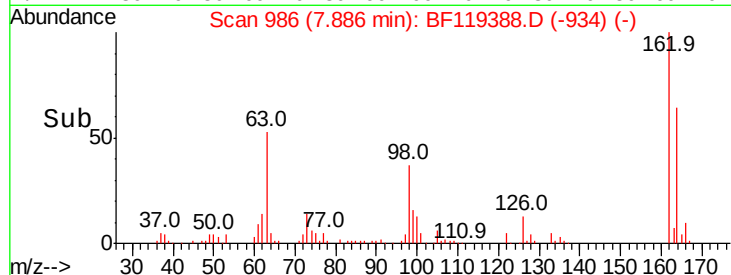
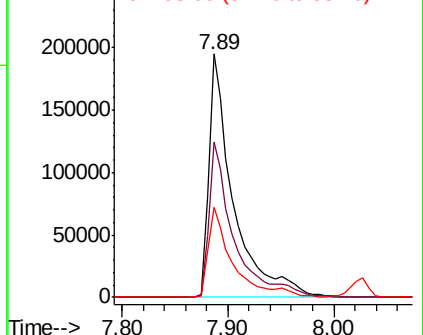


Abundance

Ion 162.00 (161.70 to 162.70): E

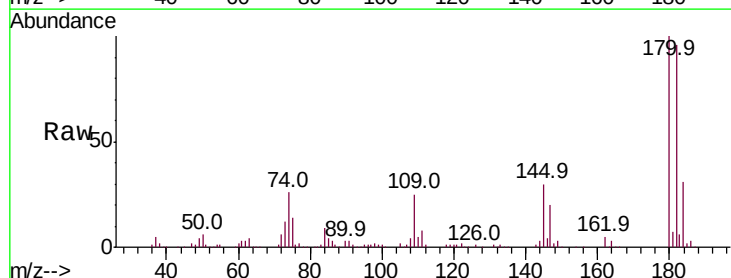
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.190 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.8	116.6
145	30.2	25.2	37.8

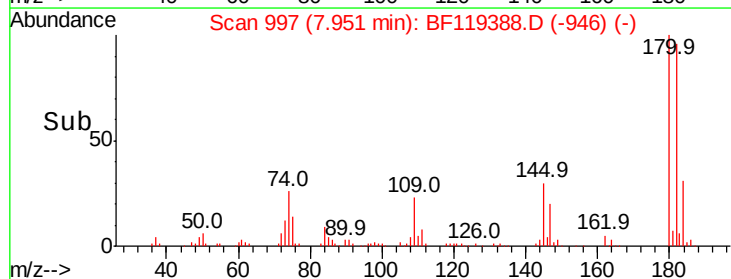
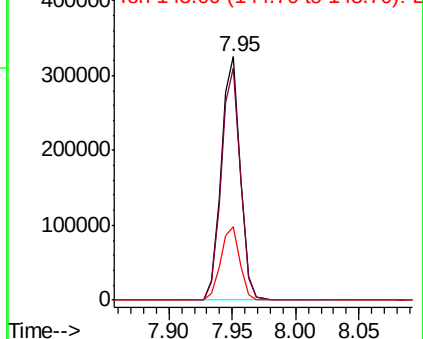


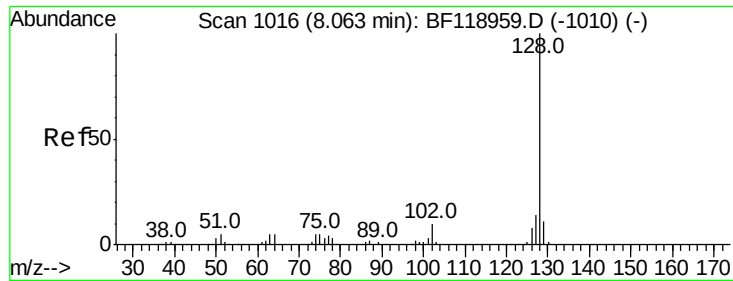
Abundance

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

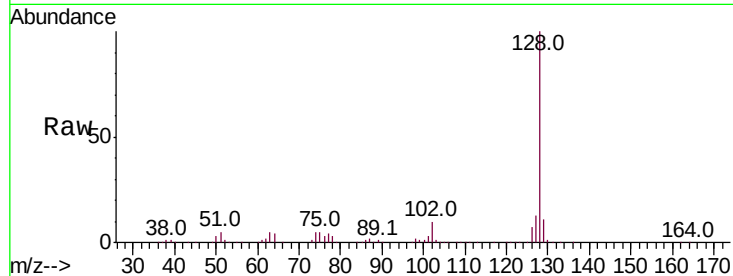




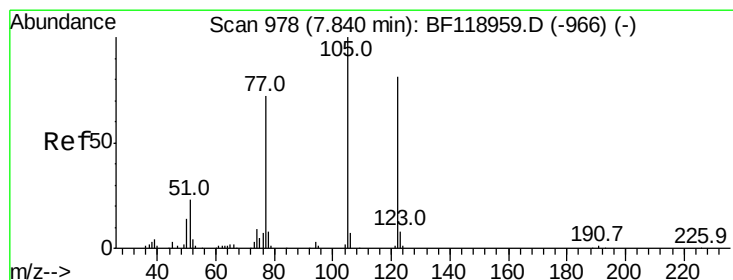
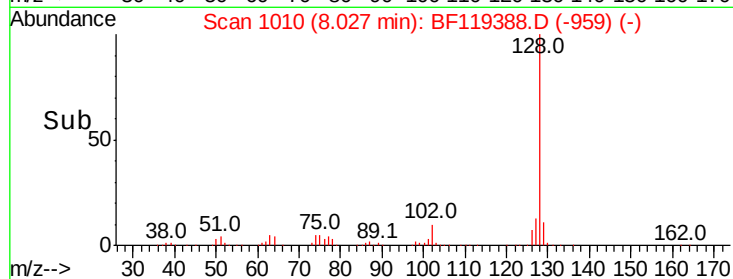
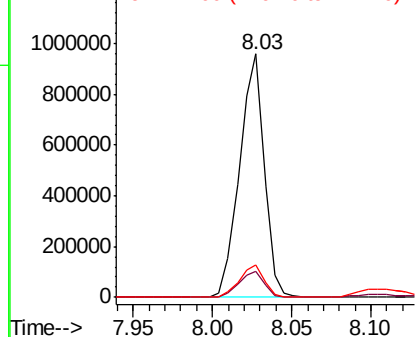
#31
Naphthalene
Concen: 42.079 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1035204
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 13.5 11.4 17.2

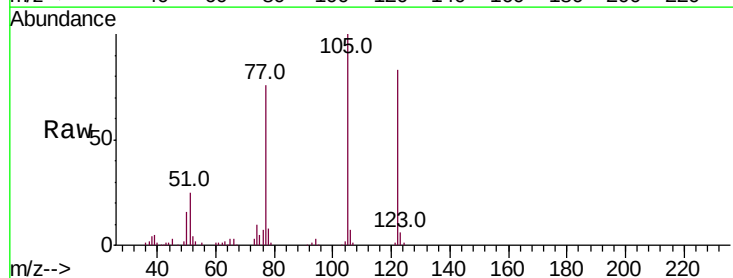


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

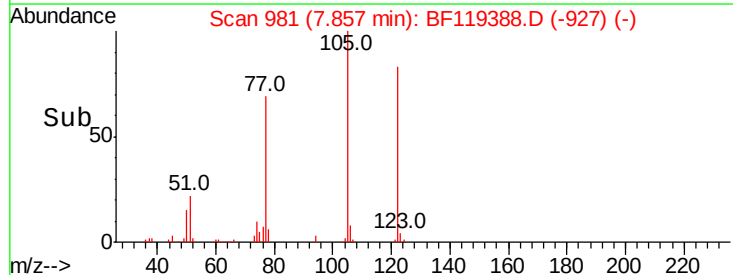
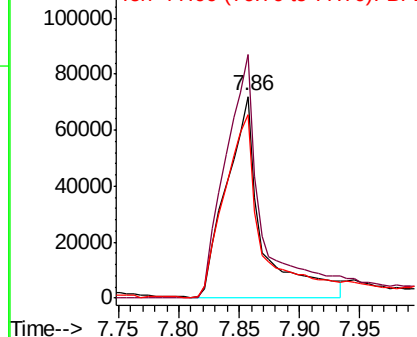


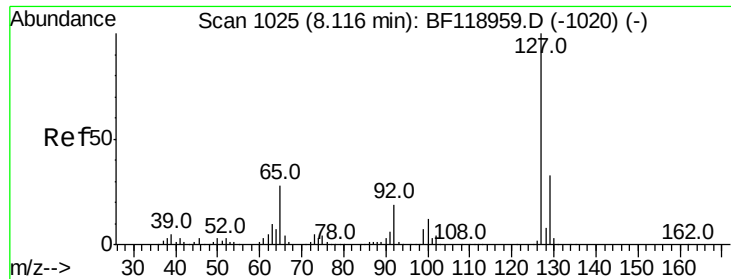
#32
Benzoic acid
Concen: 33.679 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.02 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion:122 Resp: 146209
Ion Ratio Lower Upper
122 100
105 120.9 106.3 146.3
77 91.4 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

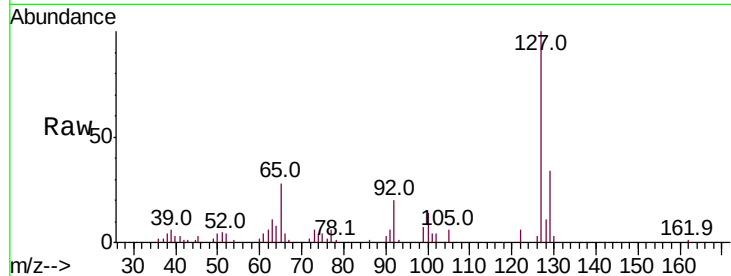




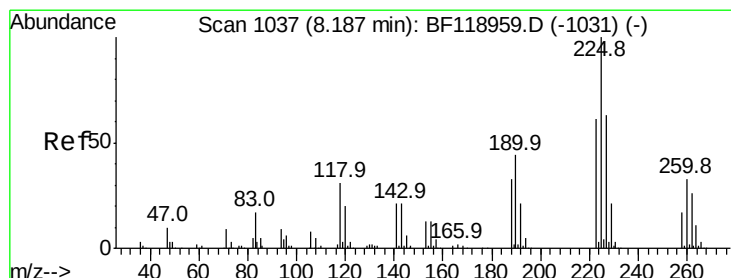
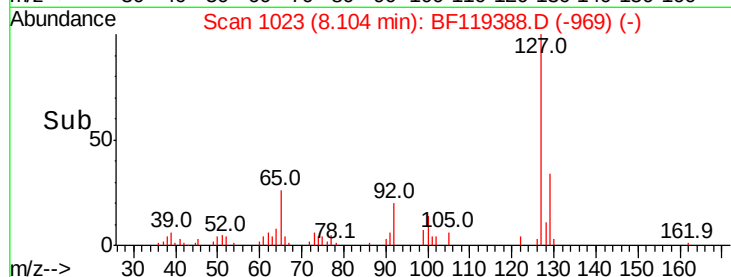
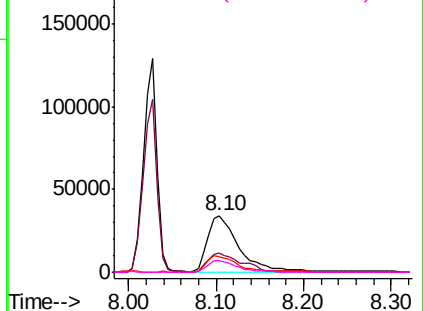
#33
4-Chloroaniline
Concen: 7.956 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.02 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	84181
Ion Ratio	Lower	Upper
127	100	
129	34.5	25.9 38.9
65	28.0	23.9 35.9
92	20.2	16.3 24.5

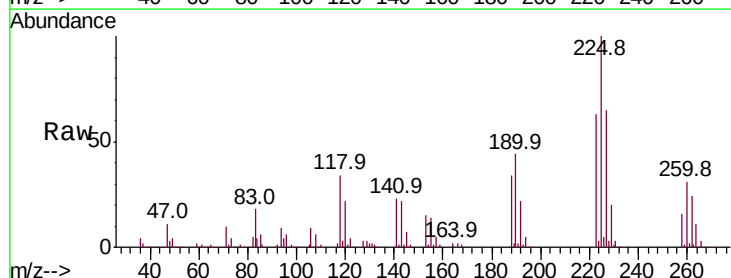


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

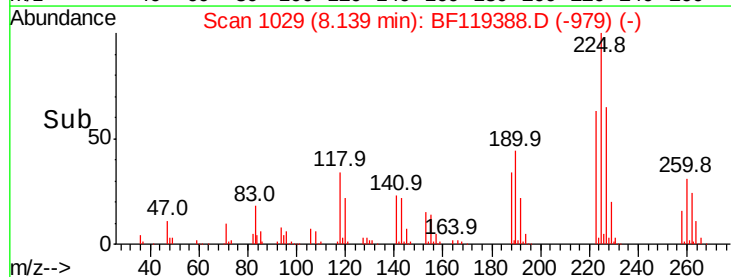
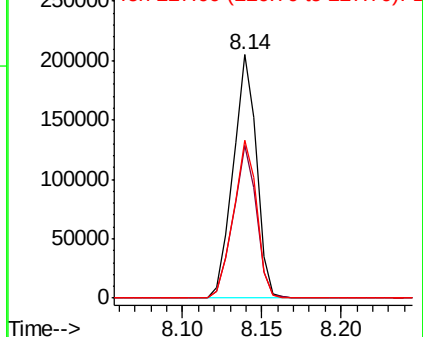


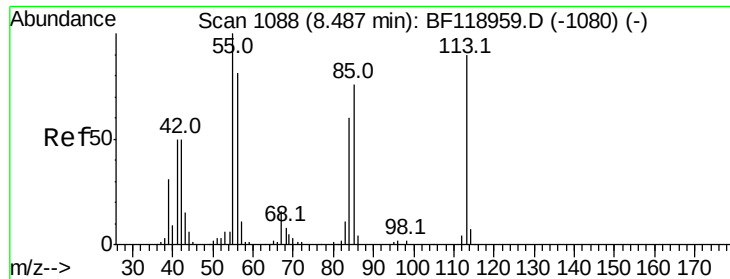
#34
Hexachlorobutadiene
Concen: 37.661 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion:225	Resp:	209192
Ion Ratio	Lower	Upper
225	100	
223	62.9	49.4 74.2
227	64.7	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: 17.667 ng

RT: 8.47 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

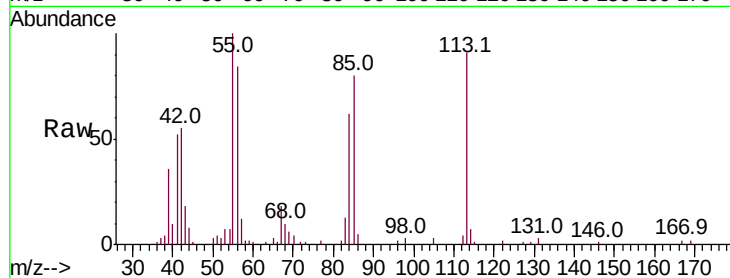
Tot Ion:113 Resp: 40914

Ion Ratio Lower Upper

113 100

55 109.7 95.7 135.7

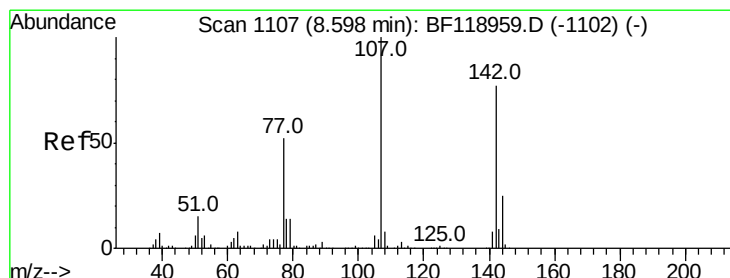
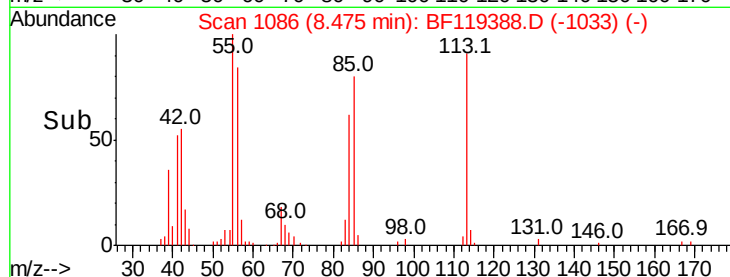
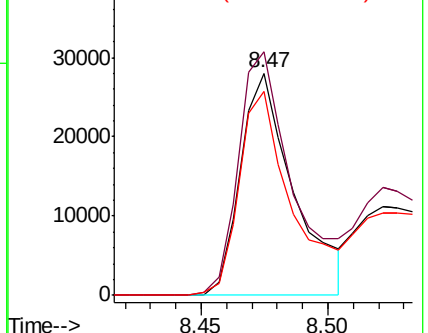
56 92.1 73.1 113.1



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: 44.468 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

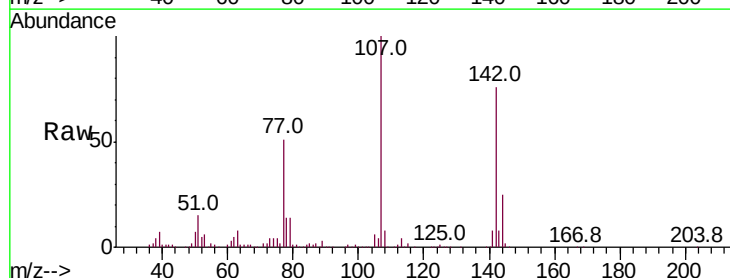
Tgt Ion:107 Resp: 338478

Ion Ratio Lower Upper

107 100

144 24.9 20.1 30.1

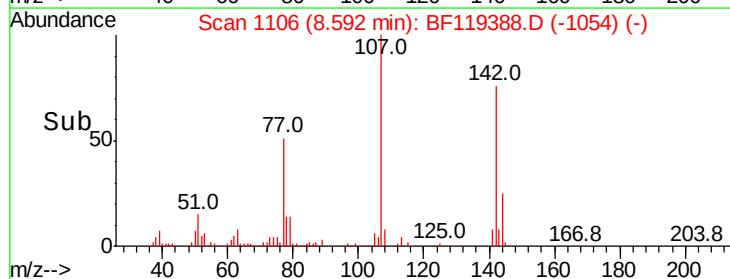
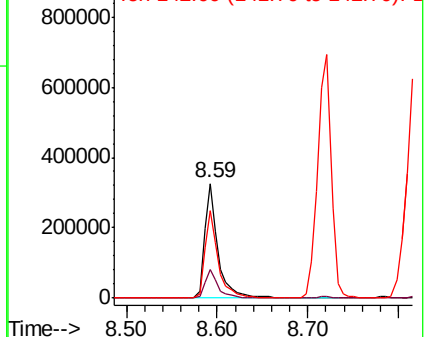
142 76.3 61.4 92.2

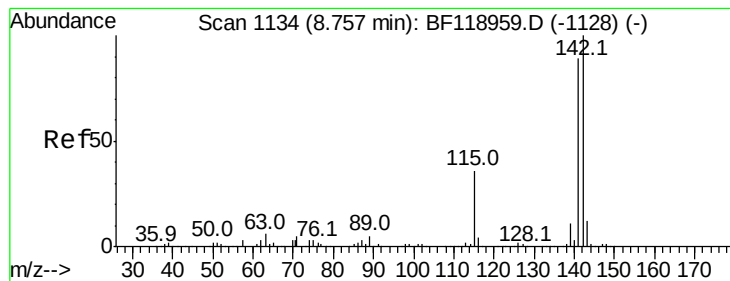


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.129 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

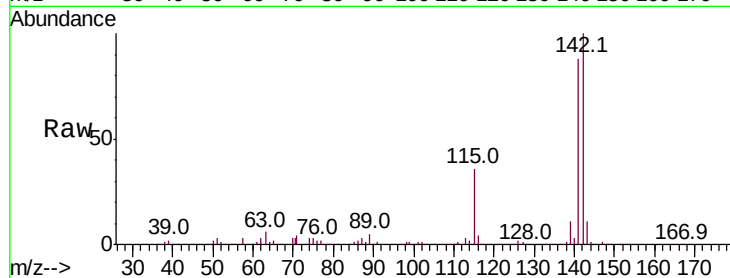
Tot Ion:142 Resp: 714029

Ion Ratio Lower Upper

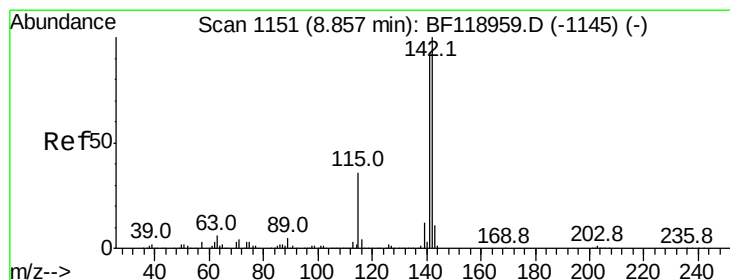
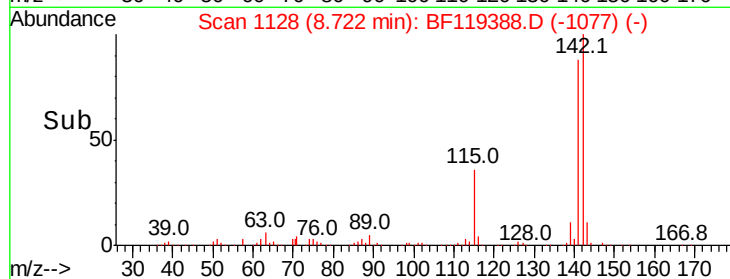
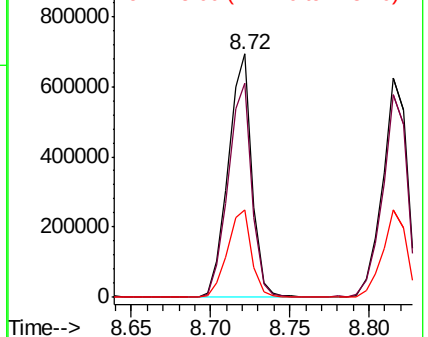
142 100

141 88.0 72.3 108.5

115 36.1 30.6 45.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.036 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

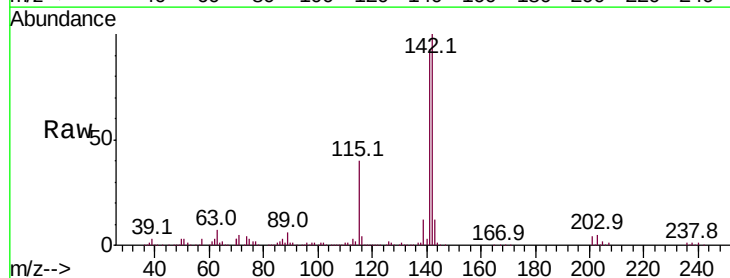
Tgt Ion:142 Resp: 670074

Ion Ratio Lower Upper

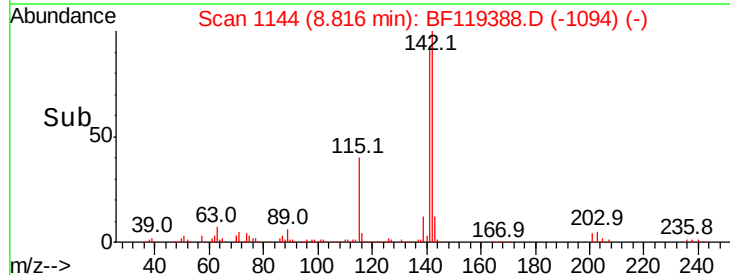
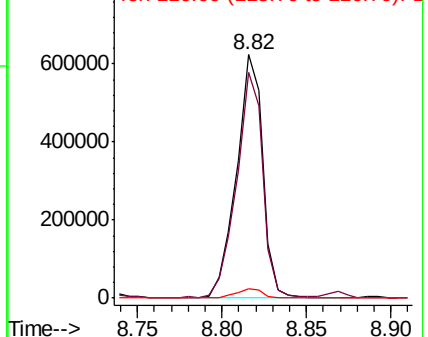
142 100

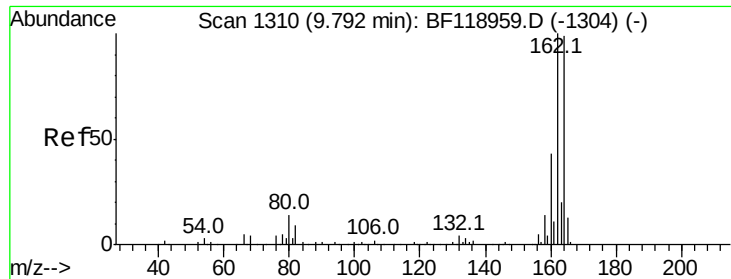
141 92.5 75.8 113.6

116 4.0 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

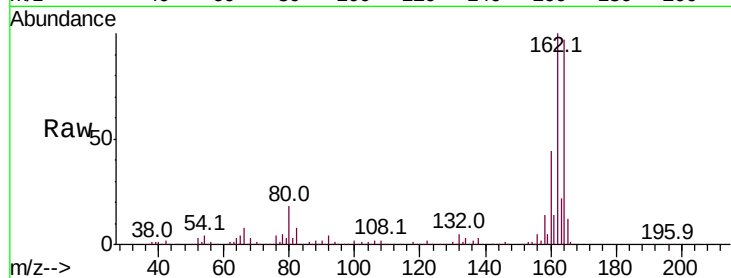




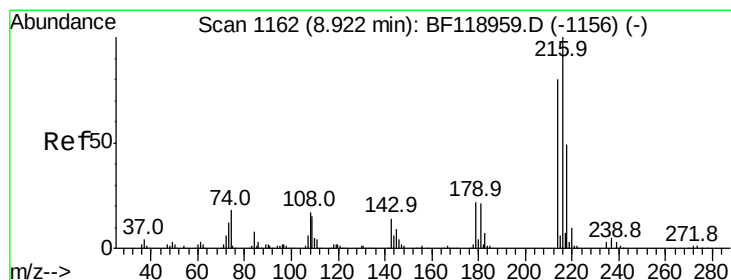
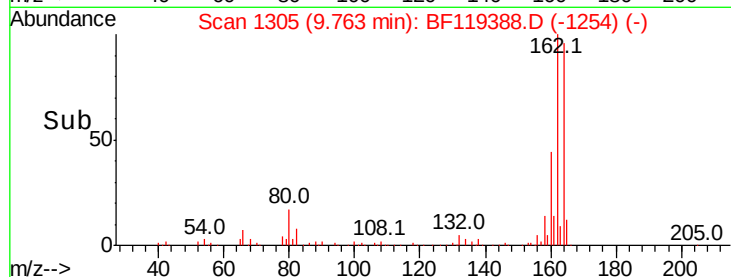
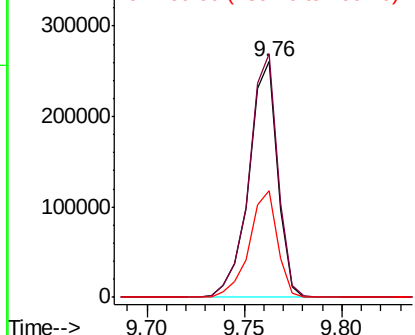
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 265673
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.8 122.8
 160 45.4 36.0 54.0

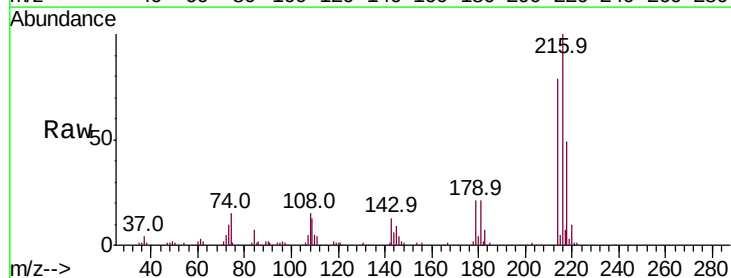


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

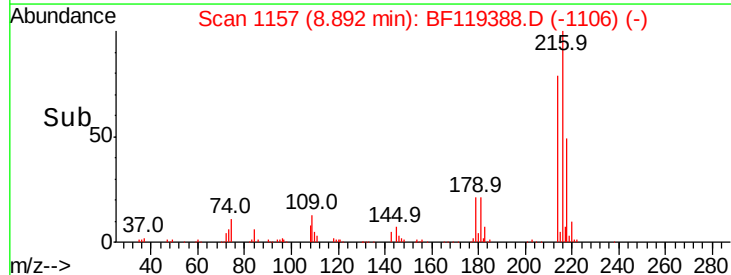
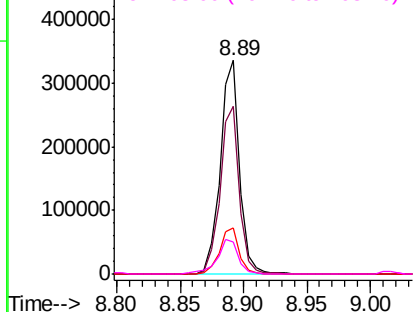


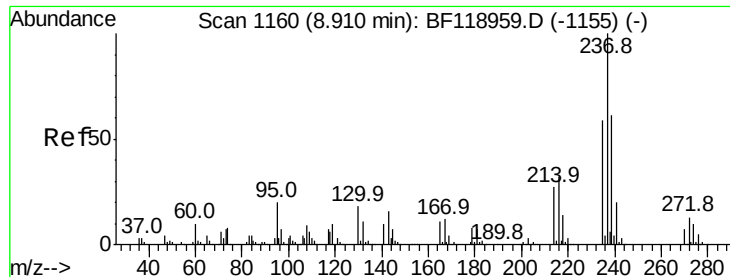
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.433 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion:216 Resp: 353218
 Ion Ratio Lower Upper
 216 100
 214 78.6 63.3 94.9
 179 21.7 17.7 26.5
 108 18.0 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

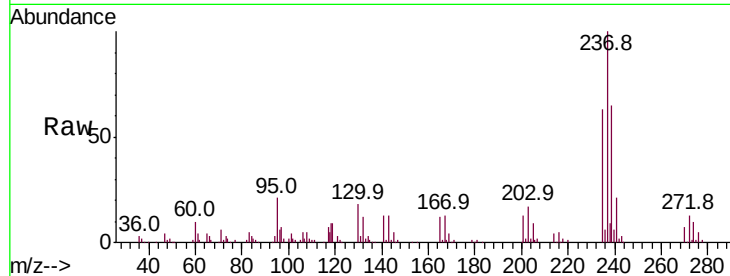




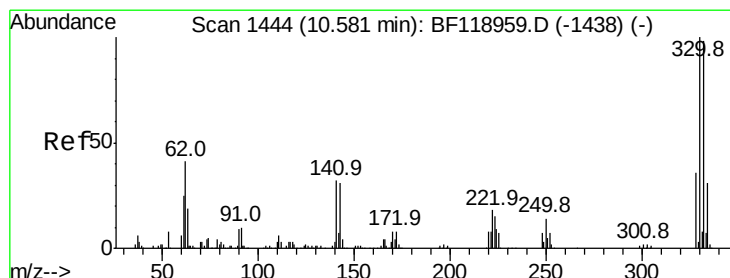
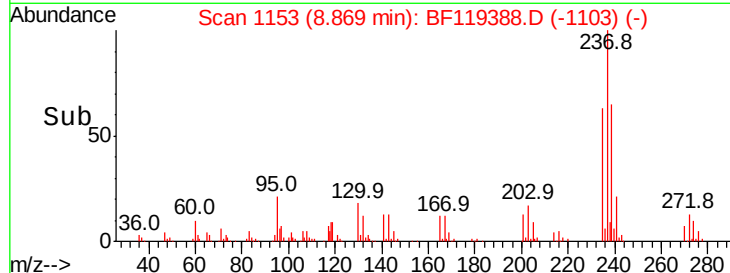
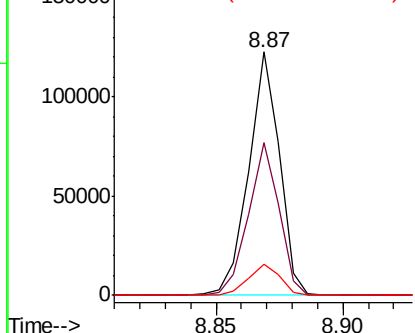
#41
Hexachlorocyclopentadiene
Concen: 37.379 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.3	82.3
272	12.8	0.0	33.5

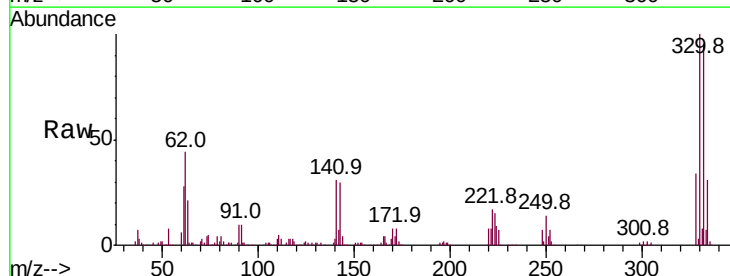


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

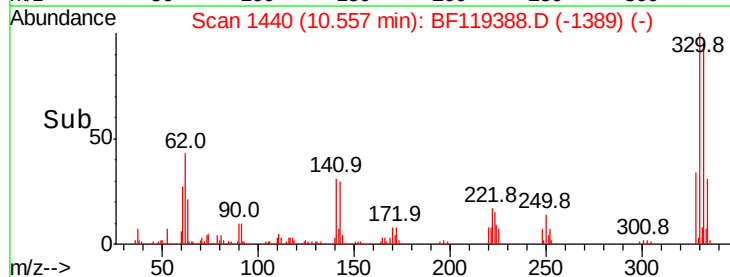
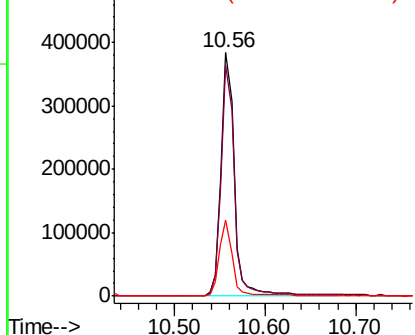


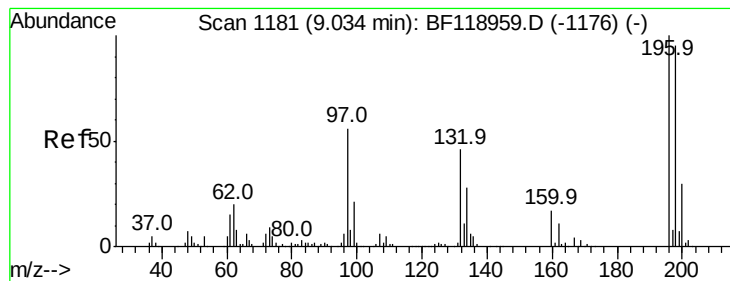
#42
2,4,6-Tribromophenol
Concen: 112.311 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.0	114.0
141	30.1	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: 38.505 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampled :

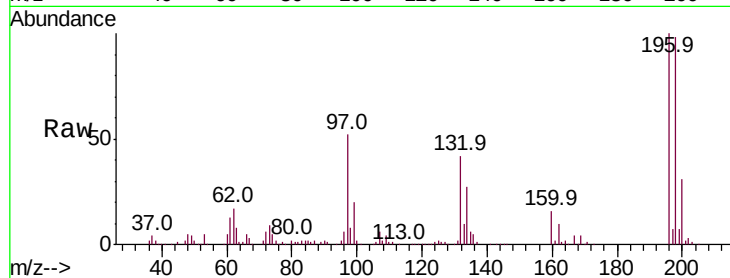
Tot Ion:196 Resp: 217806

Ion Ratio Lower Upper

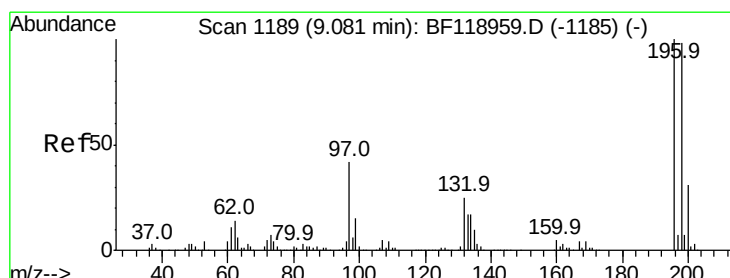
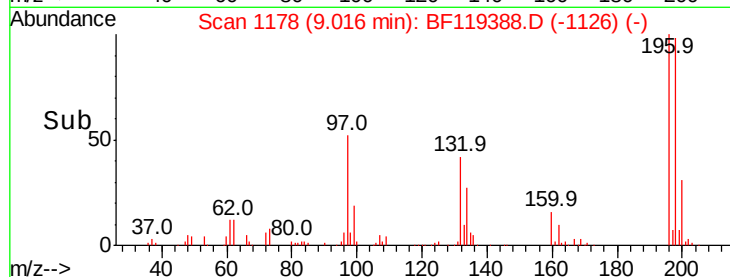
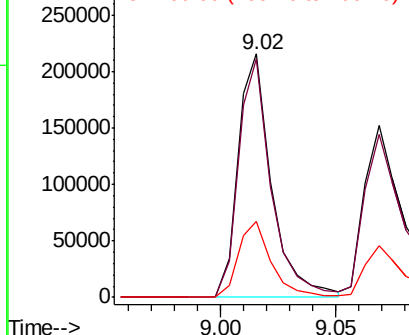
196 100

198 98.0 77.1 115.7

200 30.9 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: 37.647 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Tgt Ion:196 Resp: 223463

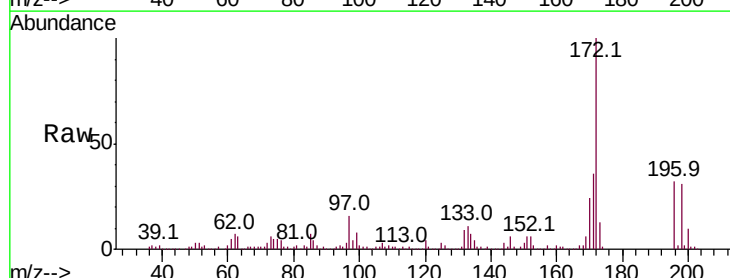
Ion Ratio Lower Upper

196 100

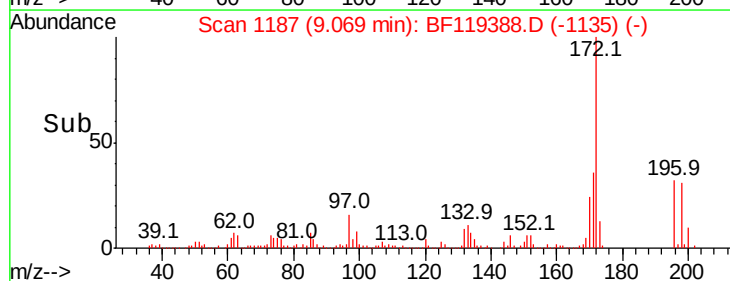
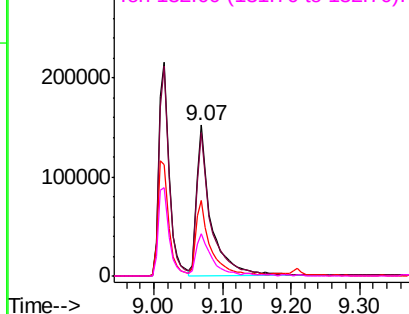
198 95.2 76.8 115.2

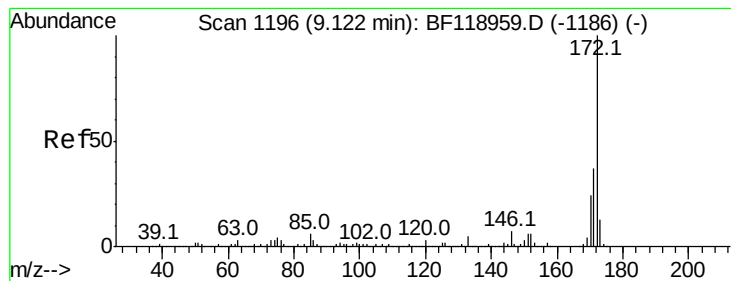
97 49.8 38.5 57.7

132 28.5 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: 79.046 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

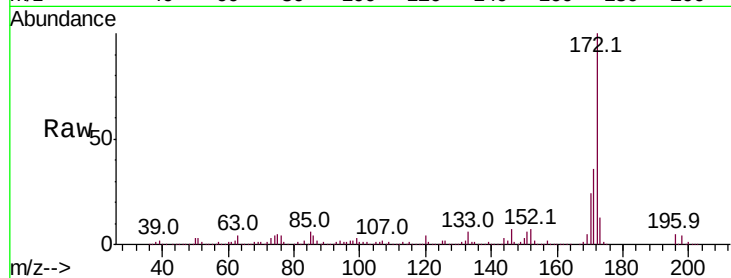
Tot Ion:172 Resp: 1425514

Ion Ratio Lower Upper

172 100

171 36.5 30.6 45.8

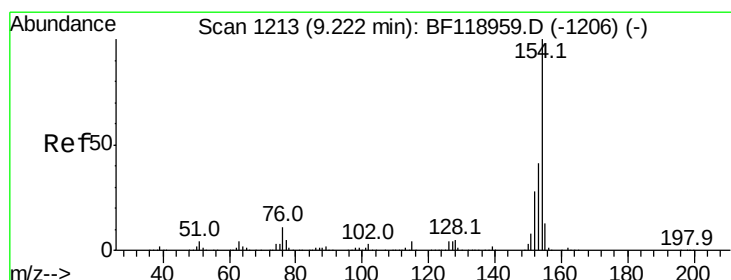
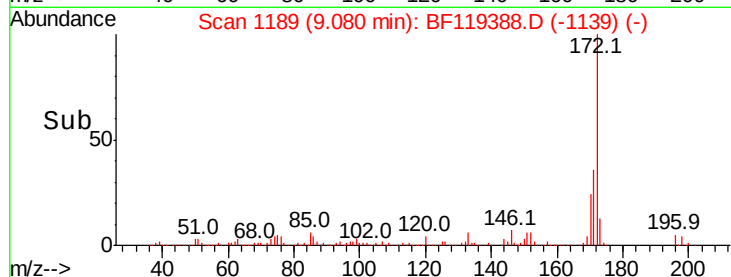
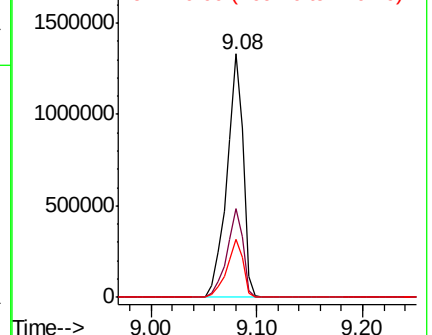
170 24.1 20.2 30.2



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: 40.513 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

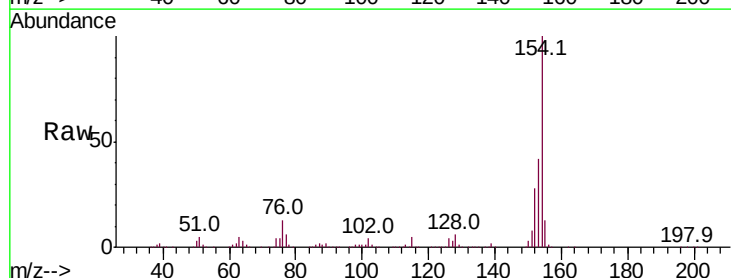
Tgt Ion:154 Resp: 869880

Ion Ratio Lower Upper

154 100

153 41.5 22.8 62.8

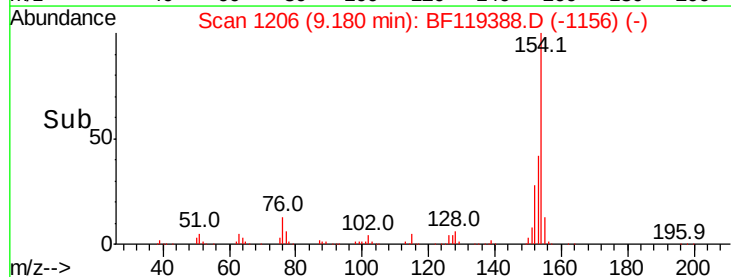
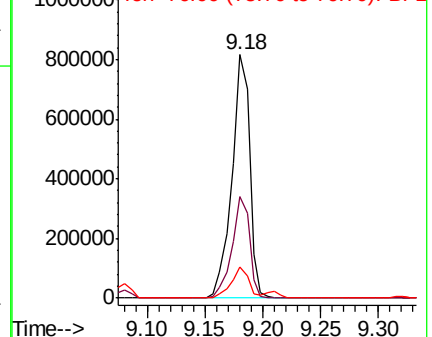
76 12.8 0.0 32.2

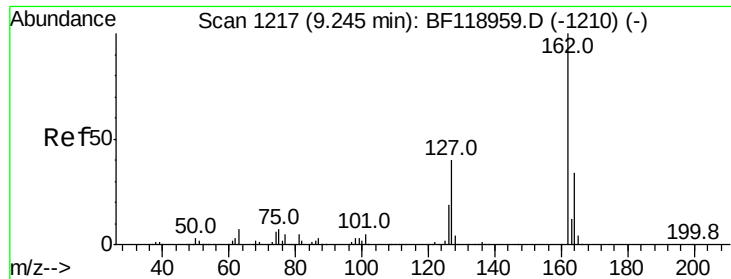


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

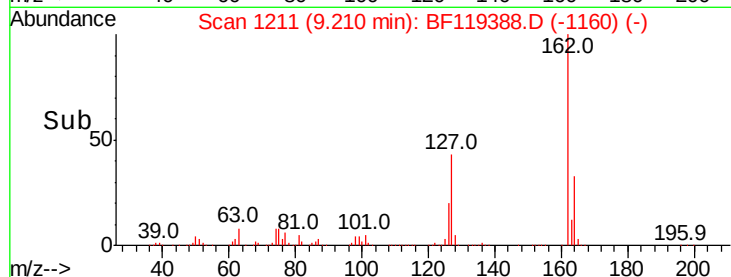
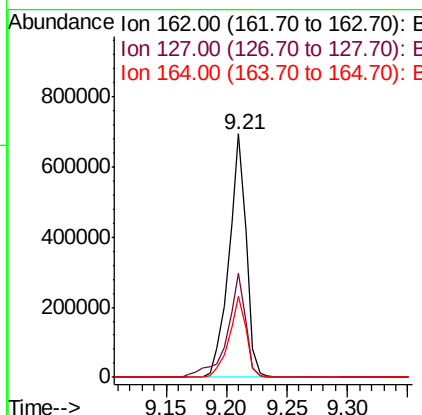
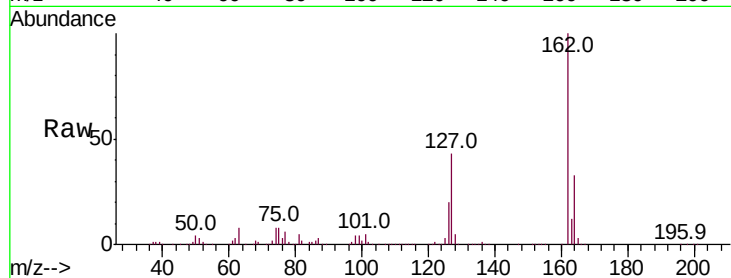




#47
 2-Chloronaphthalene
 Concen: 39.851 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

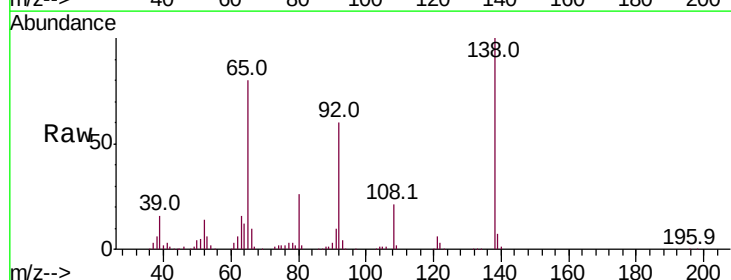
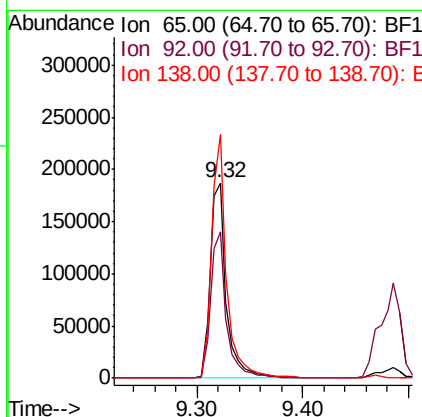
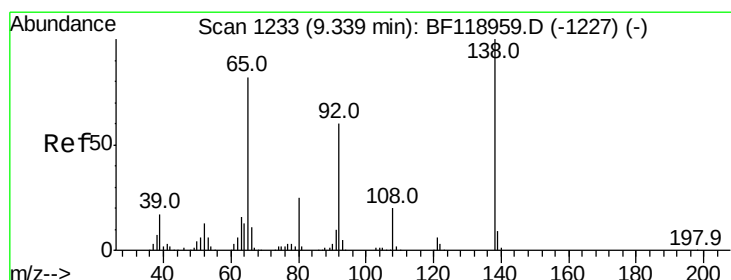
Instrument :
 BNA_F
 ClientSampleId :

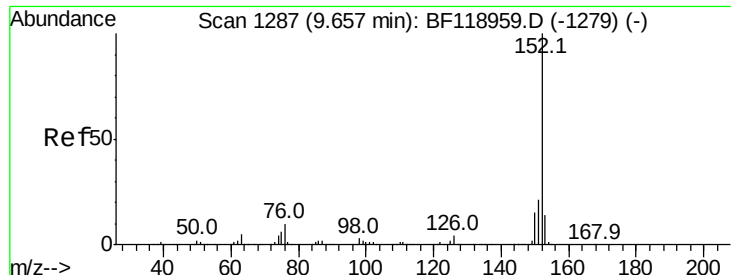
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.8	35.0	52.4
164	33.0	27.2	40.8



#48
 2-Nitroaniline
 Concen: 41.171 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.0	58.2	87.2
138	124.5	95.6	143.4





#49

Acenaphthylene

Concen: 41.977 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

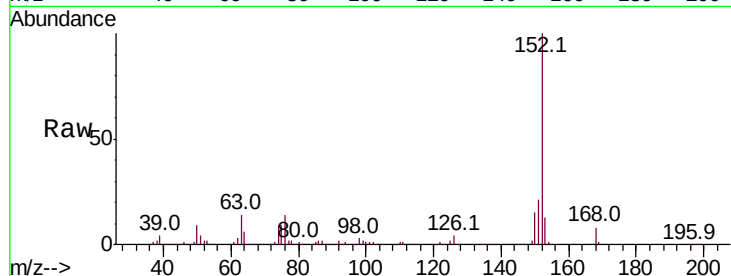
Tot Ion:152 Resp: 1049046

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

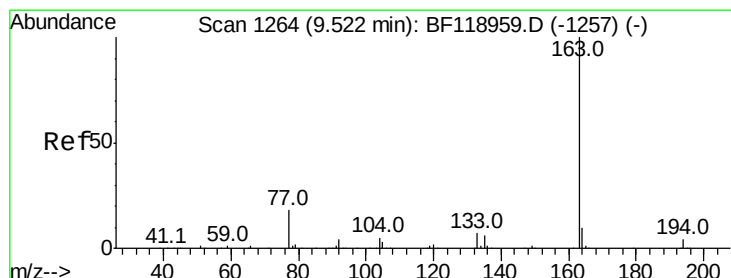
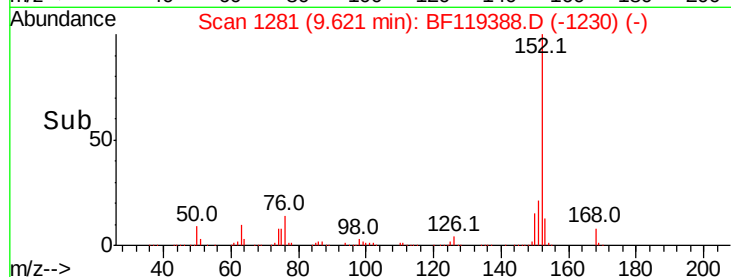
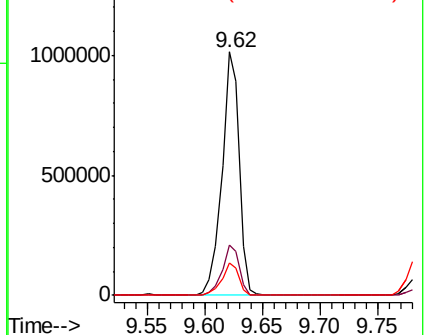
153 13.5 11.0 16.6



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: 44.256 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

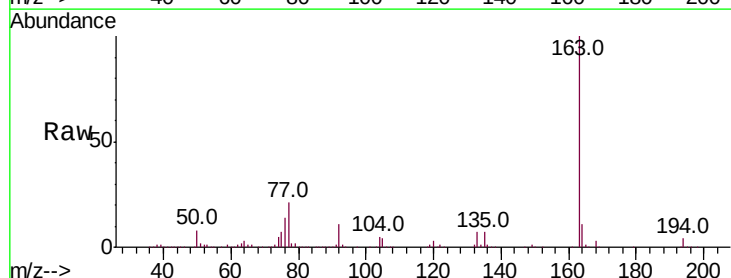
Tgt Ion:163 Resp: 899083

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

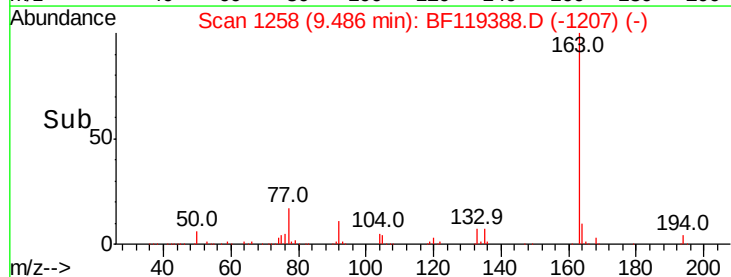
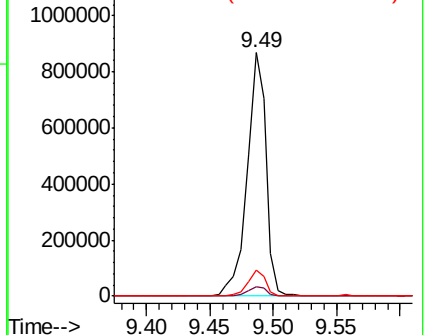
164 10.5 8.4 12.6

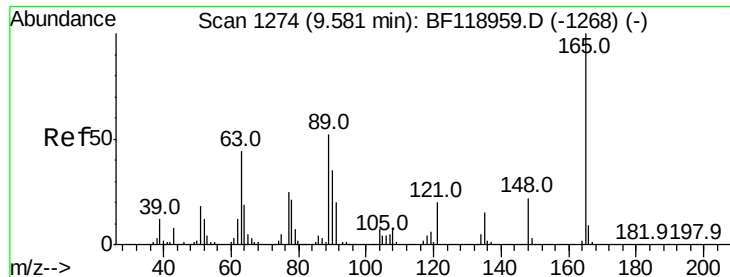


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

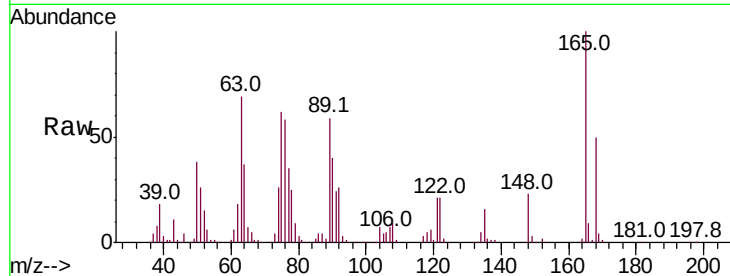




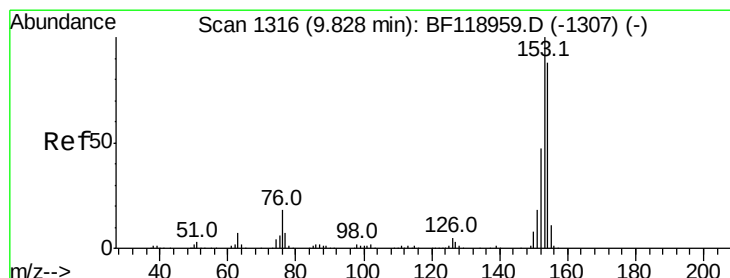
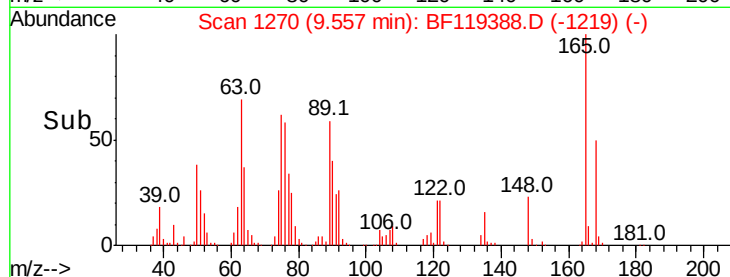
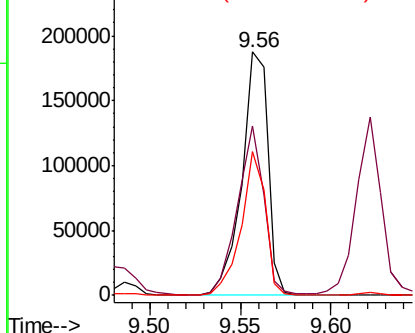
#51
 2,6-Dinitrotoluene
 Concen: 41.553 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 187550
 Ion Ratio Lower Upper
 165 100
 63 69.4 34.3 51.5#
 89 59.2 38.3 57.5#

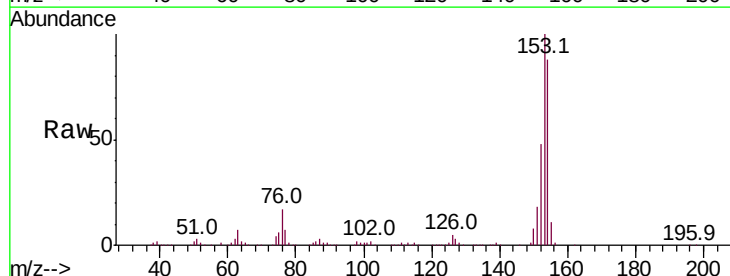


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

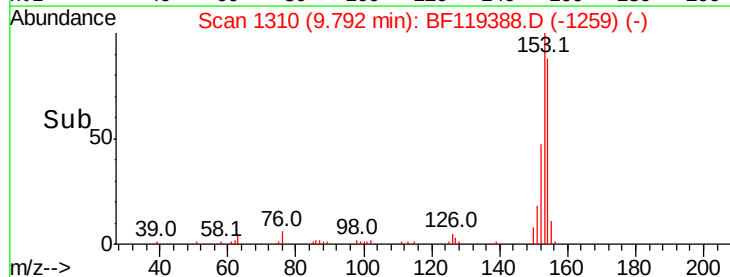
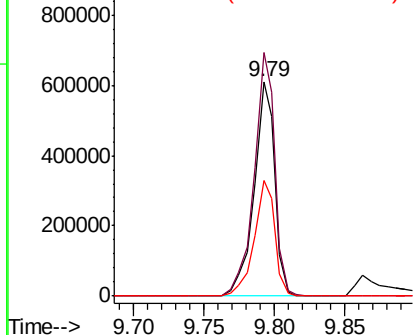


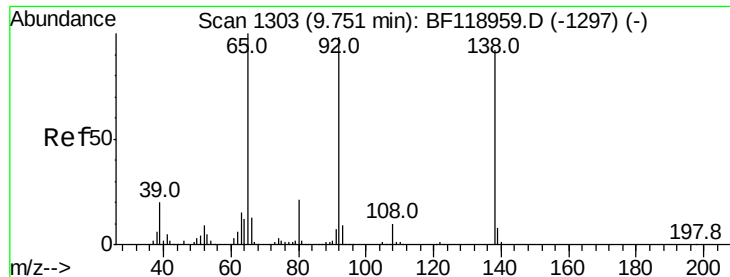
#52
 Acenaphthene
 Concen: 41.915 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion:154 Resp: 631618
 Ion Ratio Lower Upper
 154 100
 153 113.4 90.3 135.5
 152 53.9 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

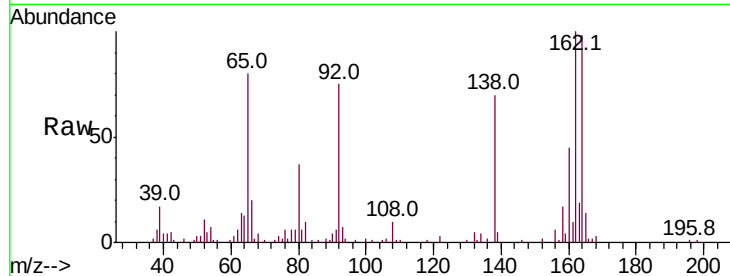




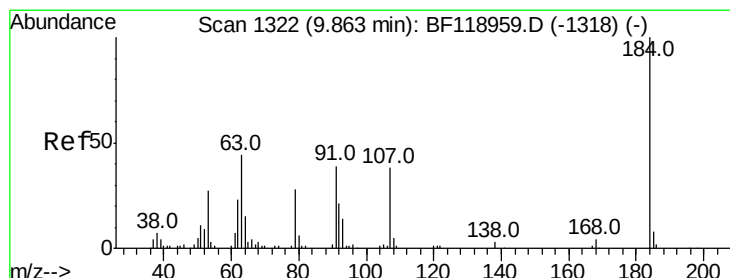
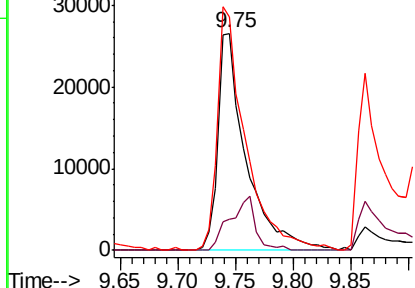
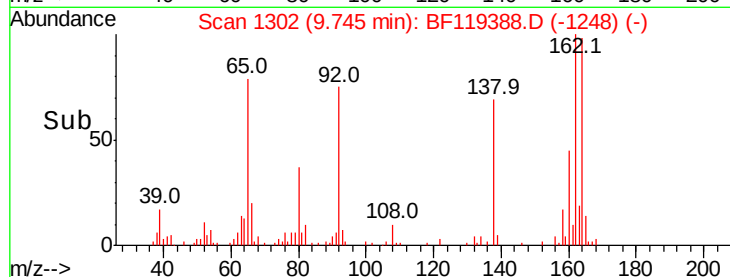
#53
3-Nitroaniline
Concen: 9.045 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.02 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 45258
Ion Ratio Lower Upper
138 100
108 14.5 8.8 13.2#
92 107.2 84.8 127.2

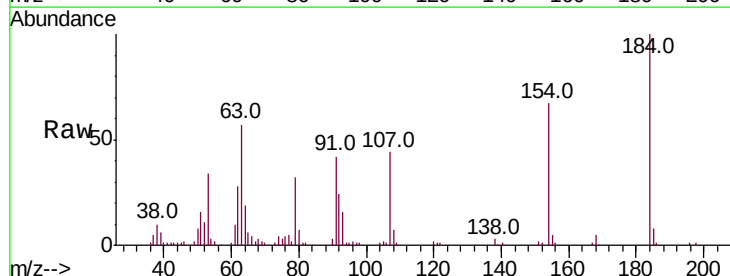


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

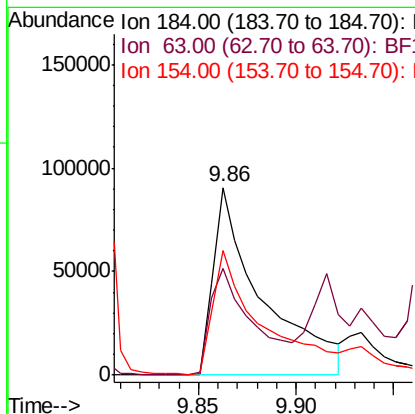
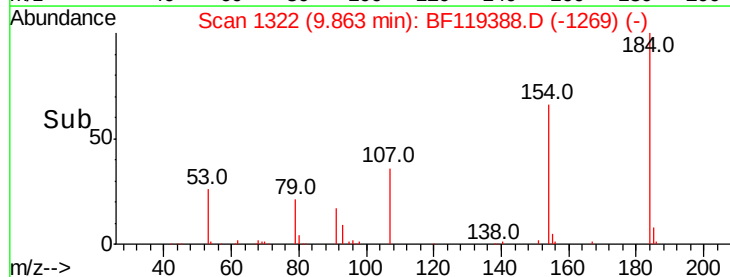


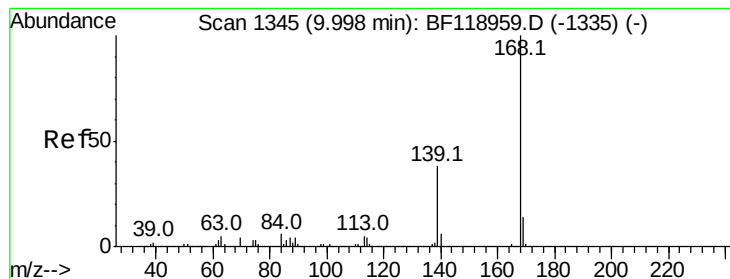
#54
2,4-Dinitrophenol
Concen: 72.156 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion:184 Resp: 156513
Ion Ratio Lower Upper
184 100
63 57.1 38.7 58.1
154 66.8 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

Dibenzenofuran

Concen: 41.466 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampled :

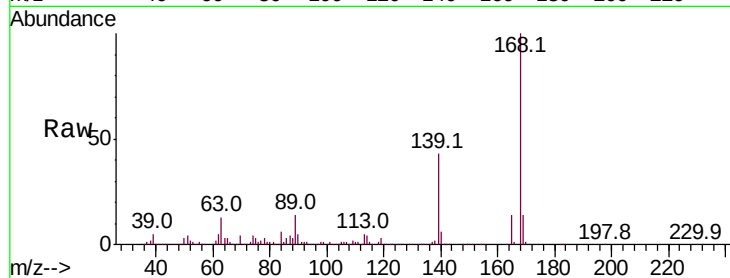
Tot Ion:168 Resp: 932654

Ion Ratio Lower Upper

168 100

139 43.0 34.0 51.0

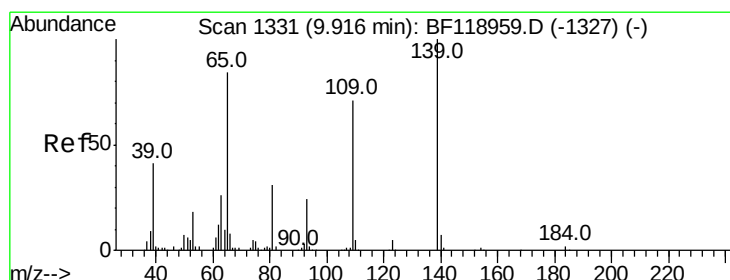
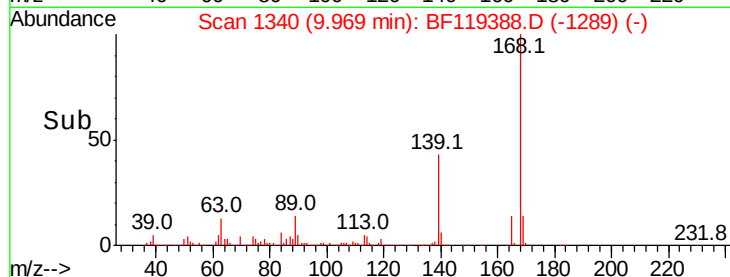
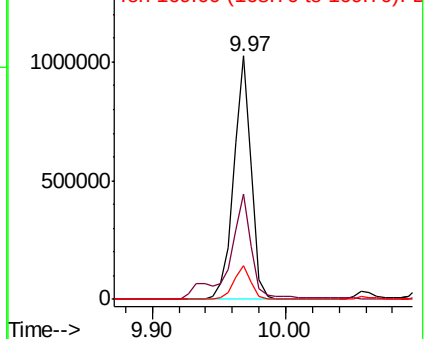
169 13.6 11.0 16.4



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: 182.817 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.05 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

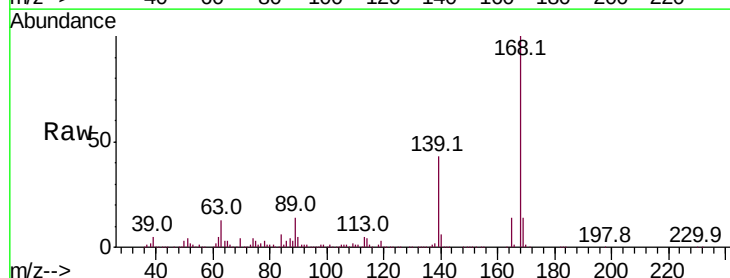
Tgt Ion:139 Resp: 549615

Ion Ratio Lower Upper

139 100

109 4.4 56.7 96.7#

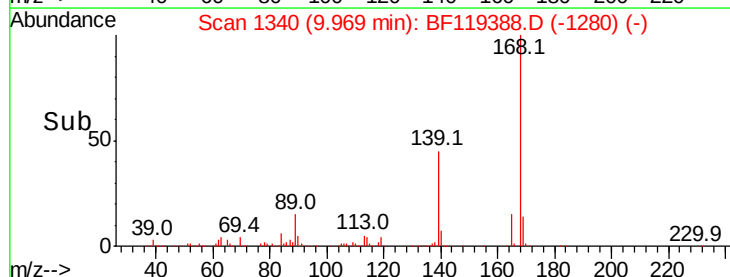
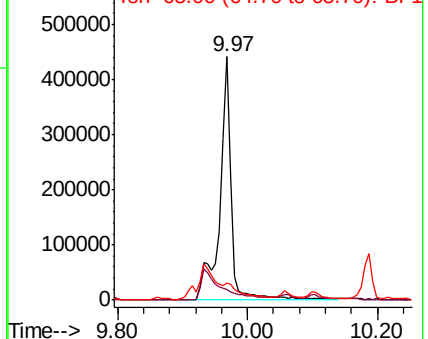
65 6.9 65.0 105.0#

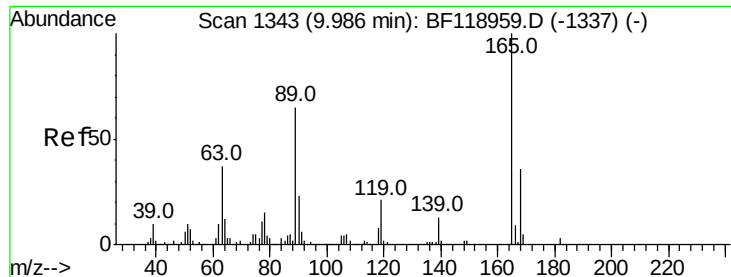


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

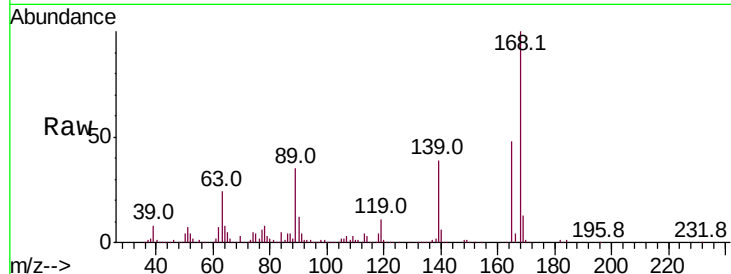




#57
 2,4-Dinitrotoluene
 Concen: 41.322 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.5	42.3	63.5
89	74.0	60.2	90.4
182	2.9	2.3	3.5



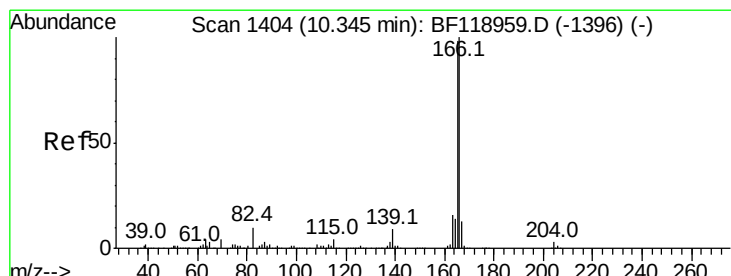
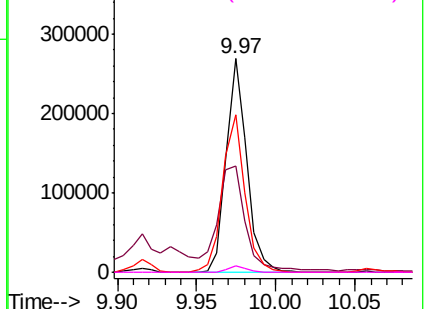
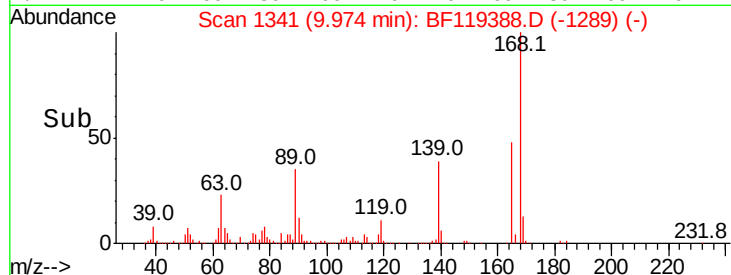
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

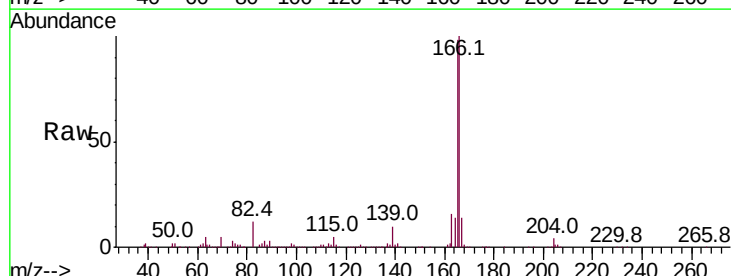
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 43.862 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.5	117.7
167	13.8	11.0	16.4

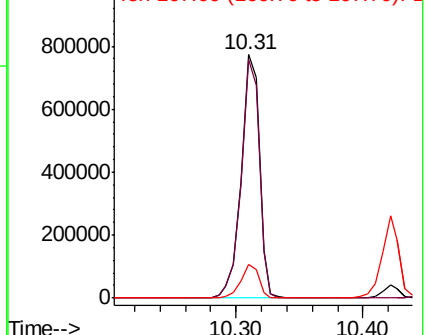
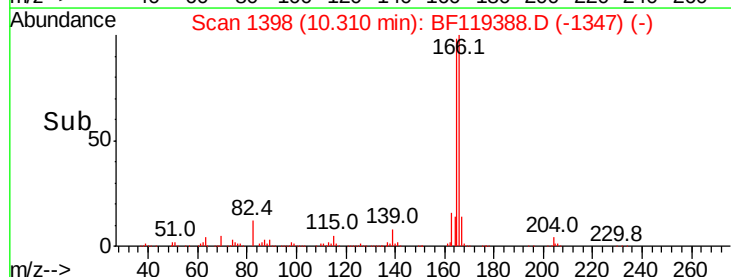


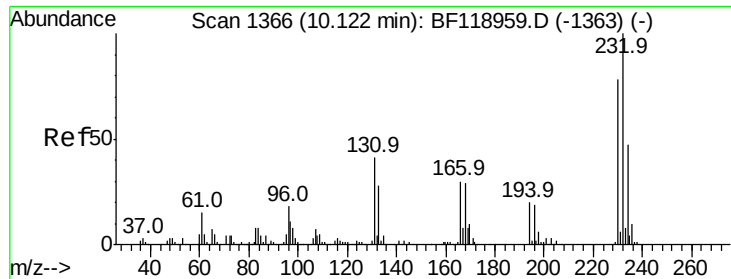
Abundance

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: 41.365 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 207178

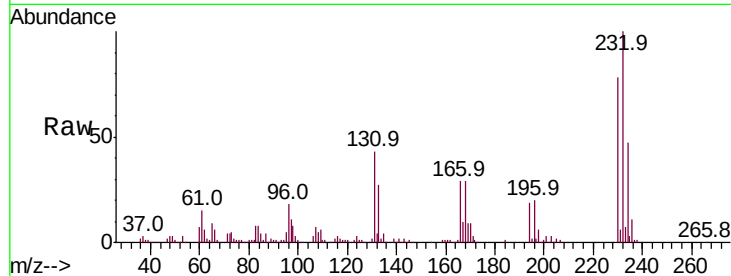
Ion Ratio Lower Upper

232 100

131 43.0 33.8 50.8

130 2.3 1.8 2.6

166 26.8 23.0 34.4

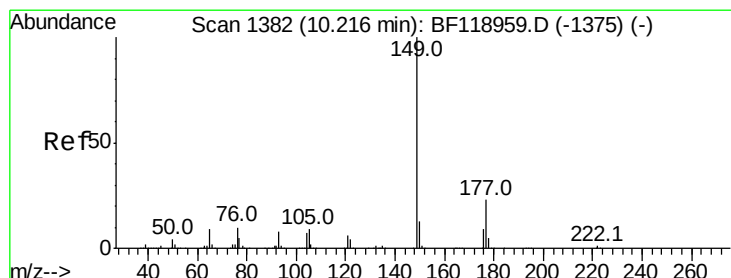
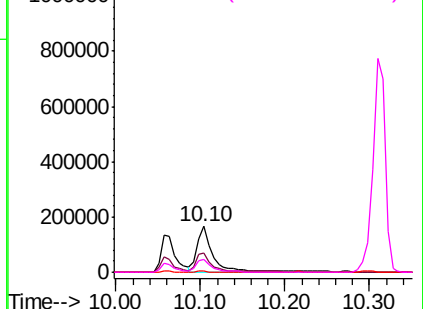
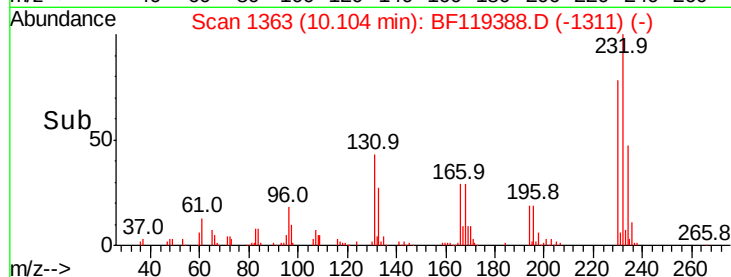


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.392 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

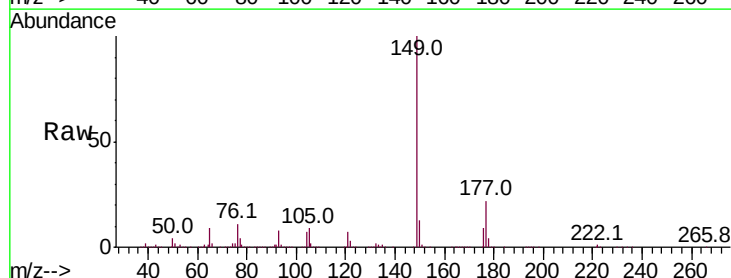
Tgt Ion:149 Resp: 811595

Ion Ratio Lower Upper

149 100

177 22.4 18.2 27.2

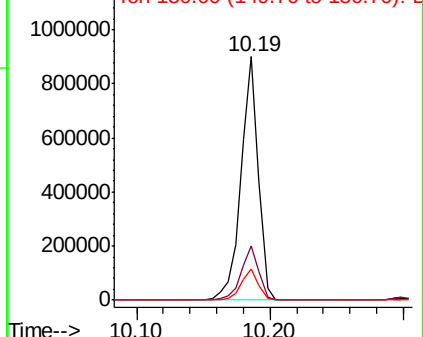
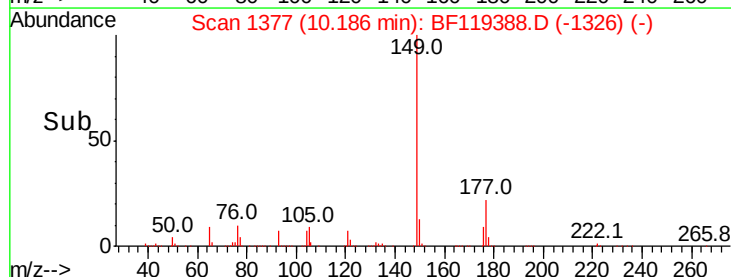
150 12.5 10.5 15.7

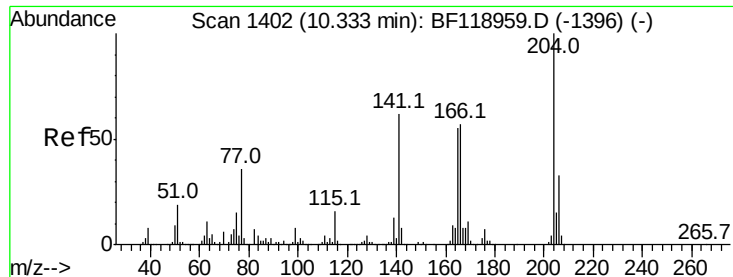


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

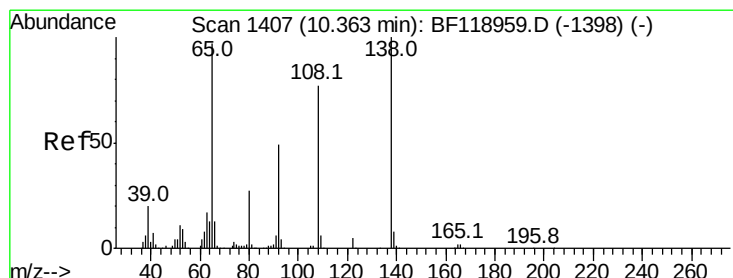
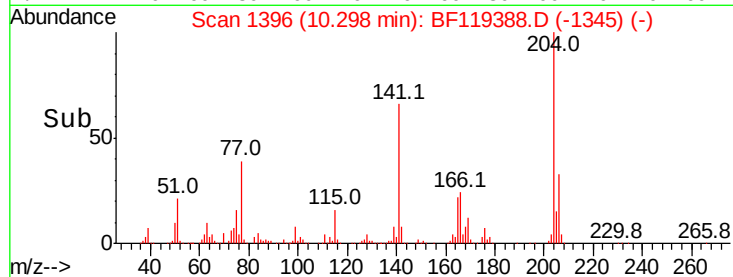
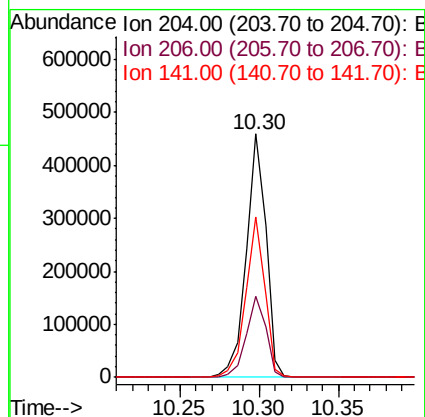
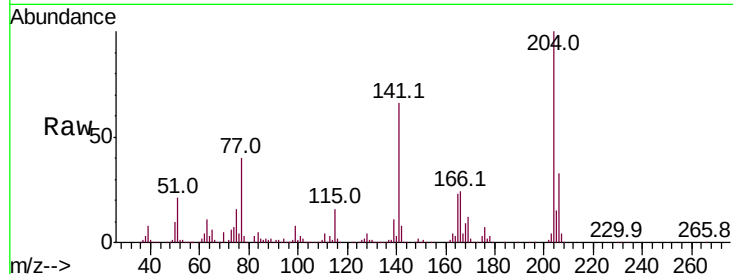




#61
4-Chlorophenyl-phenylether
Concen: 42.664 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

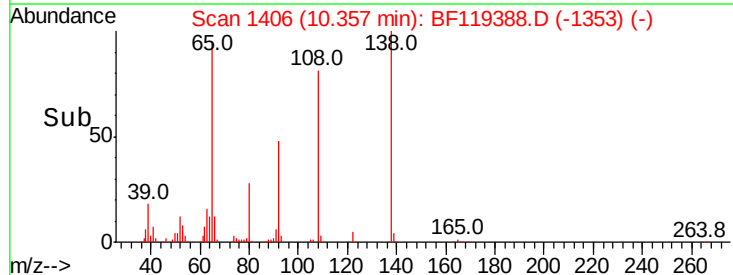
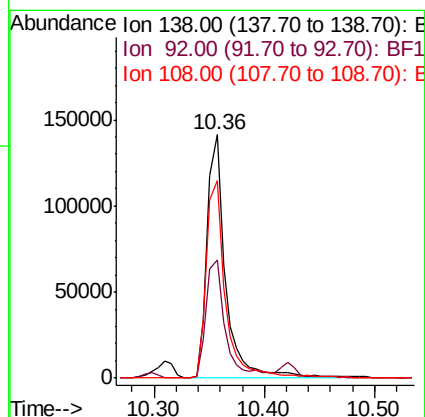
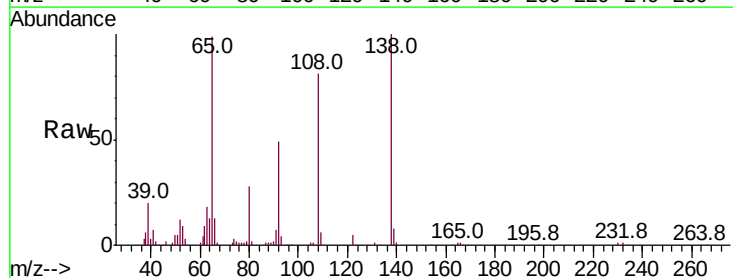
Instrument :
BNA_F
ClientSampleId :

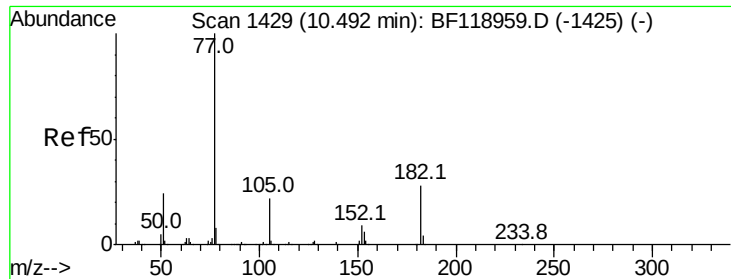
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.1	40.7
141	66.2	52.9	79.3



#62
4-Nitroaniline
Concen: 31.386 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	27.3	67.3
108	81.2	57.0	97.0

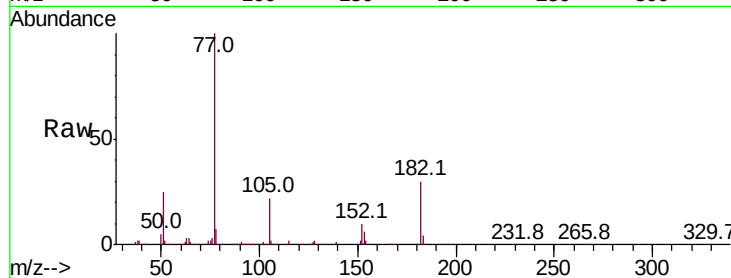




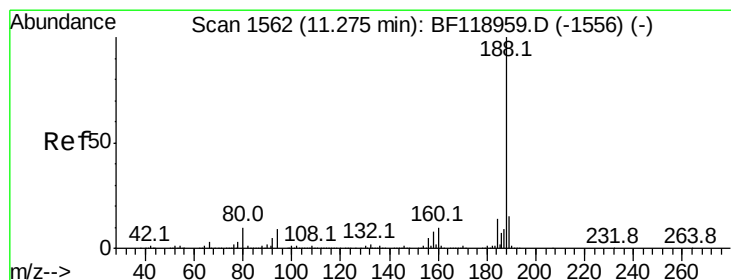
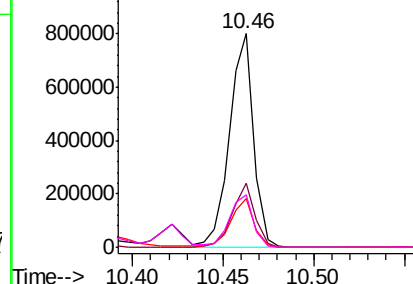
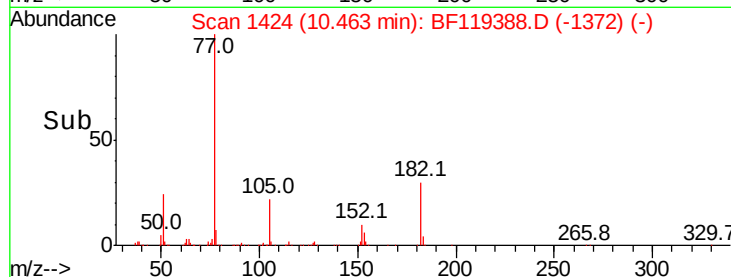
#63
Azobenzene
Concen: 44.339 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	737841
Ion	Ratio	Lower	Upper
77	100		
182	29.7	11.4	51.4
105	22.5	3.4	43.4
51	24.5	5.1	45.1

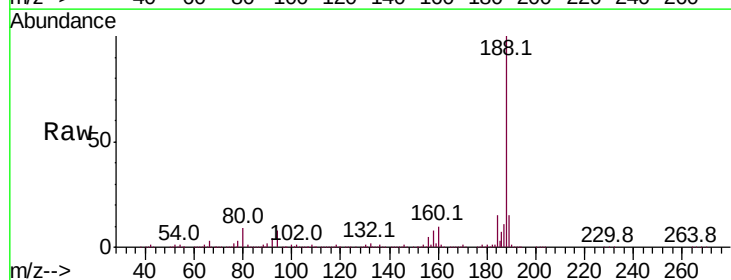


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

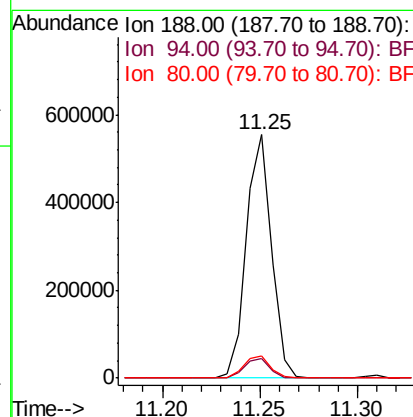
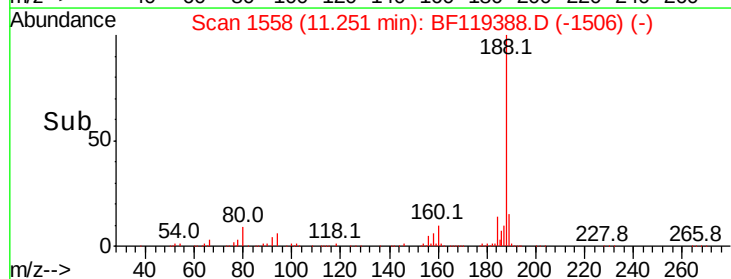


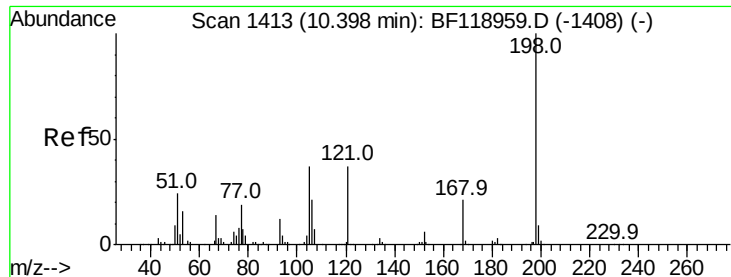
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion:	188	Resp:	496383
Ion	Ratio	Lower	Upper
188	100		
94	8.2	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

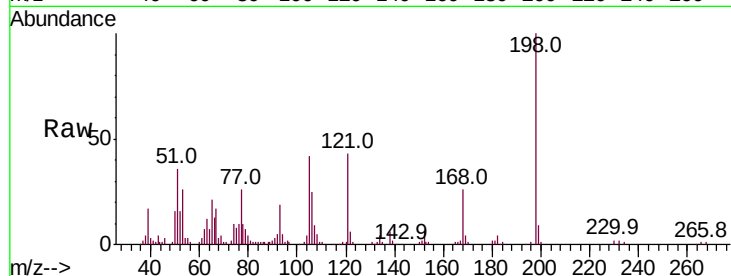




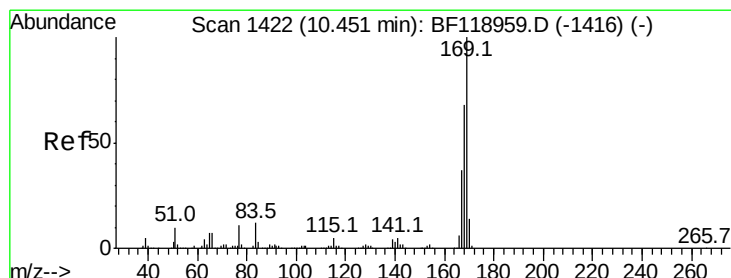
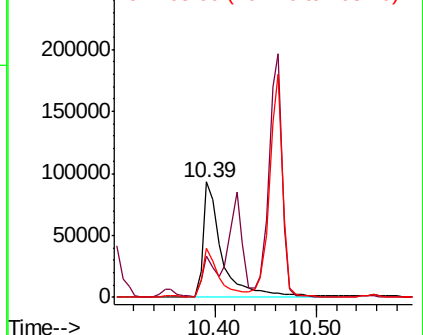
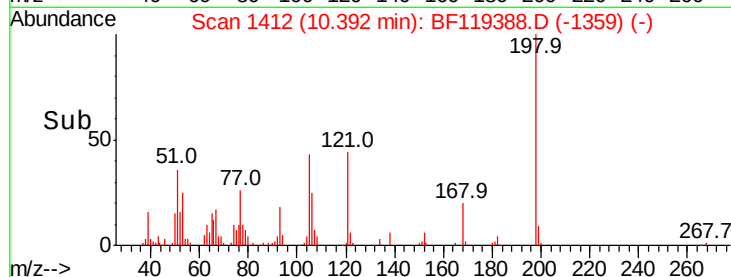
#65
4,6-Dinitro-2-methylphenol
Concen: 40.659 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 122127
Ion Ratio Lower Upper
198 100
51 35.6 14.2 54.2
105 42.1 22.7 62.7

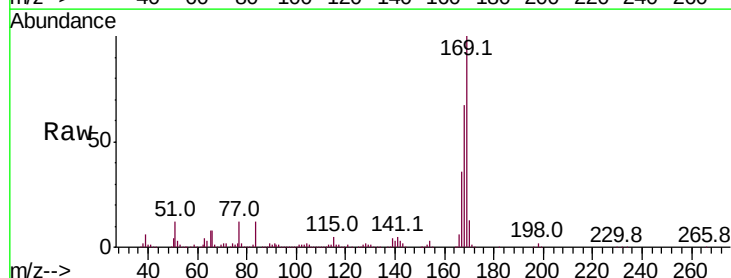


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

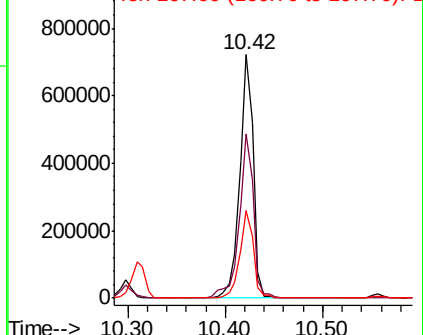
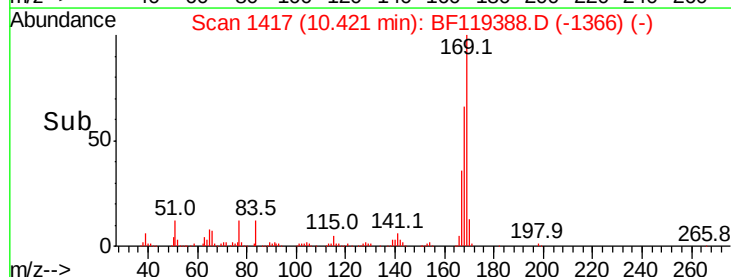


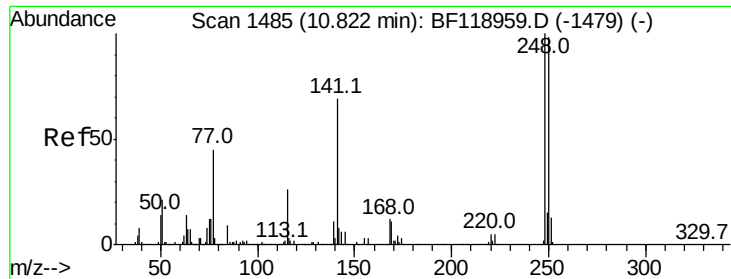
#66
n-Nitrosodiphenylamine
Concen: 42.223 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion:169 Resp: 686271
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

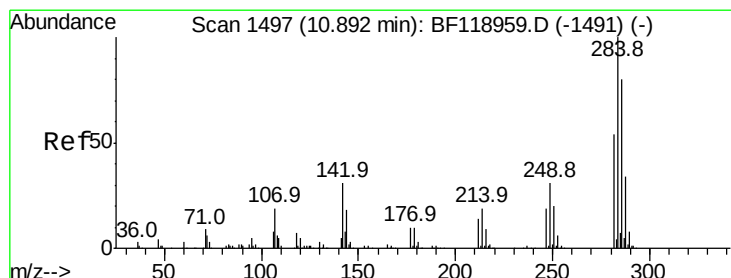
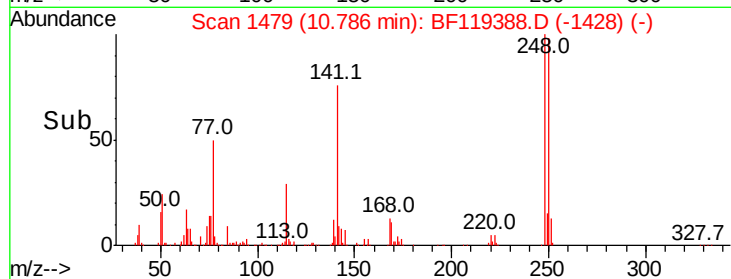
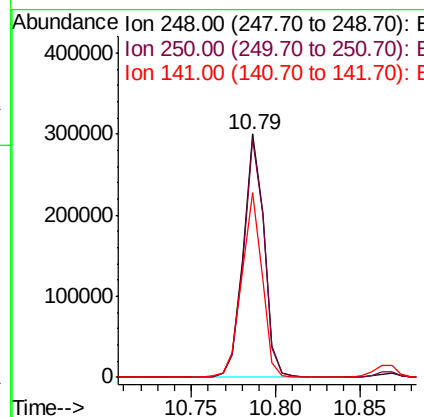
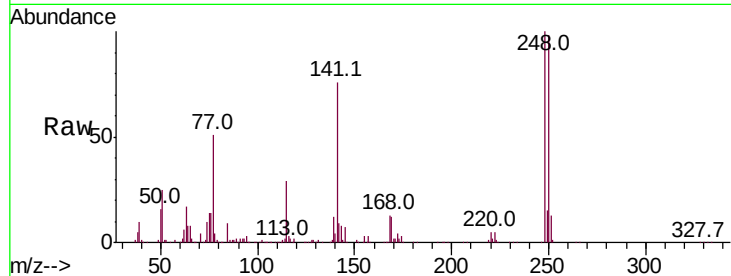




#67
4-Bromophenyl-phenylether
Concen: 39.542 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

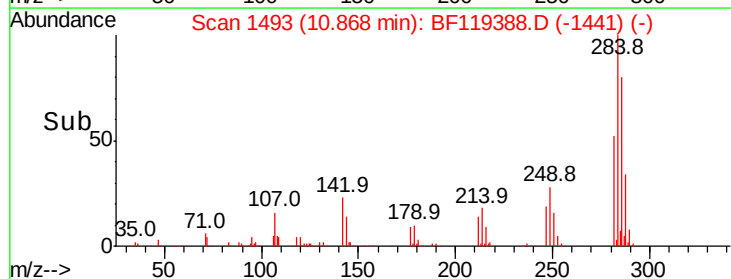
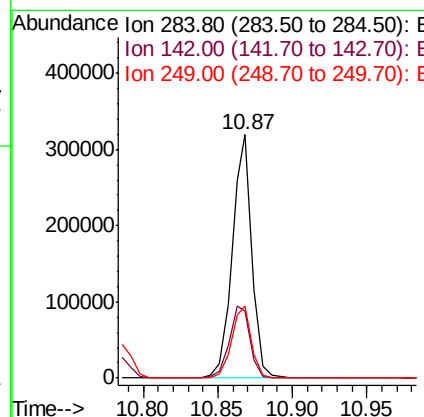
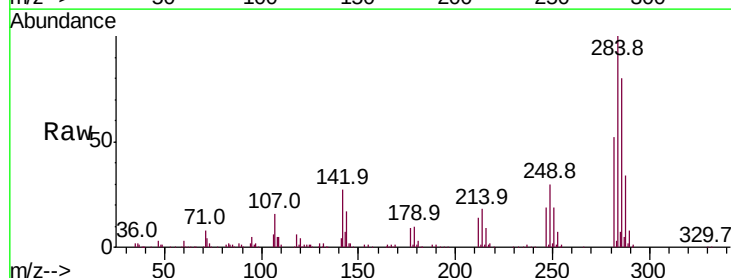
Instrument :
BNA_F
ClientSampleId :

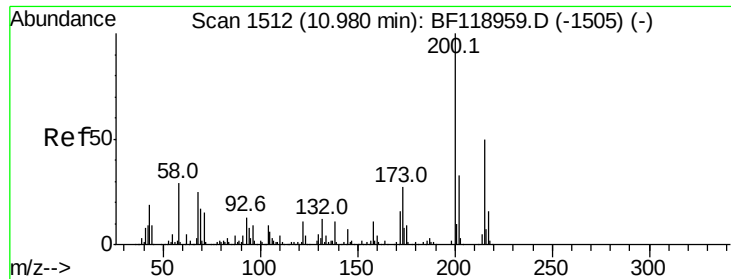
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.7	115.1
141	75.6	60.7	91.1



#68
Hexachlorobenzene
Concen: 39.446 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	23.7	35.5
249	29.7	25.0	37.6

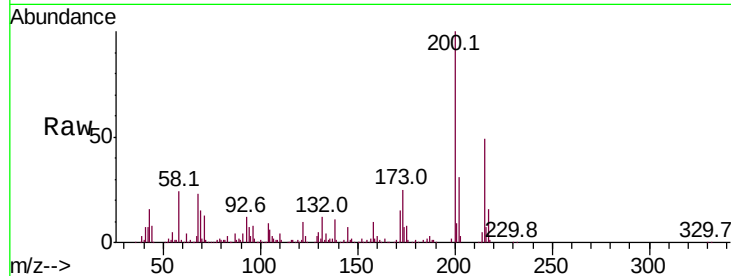




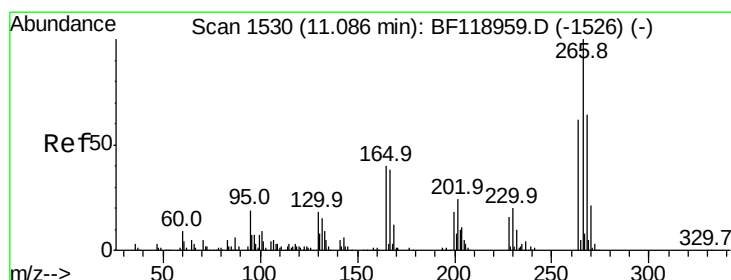
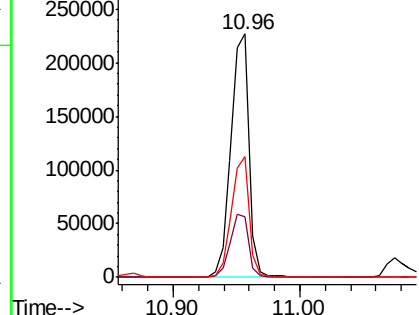
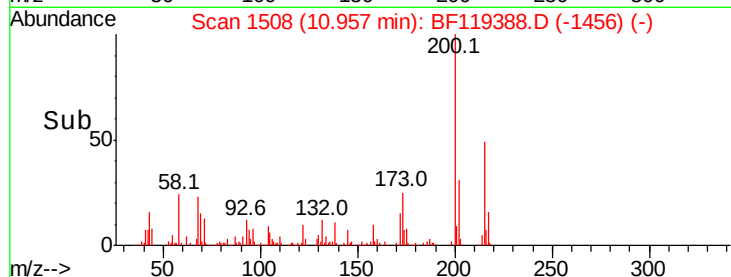
#69
Atrazine
Concen: 39.425 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	6.4	46.4
215	49.4	27.4	67.4

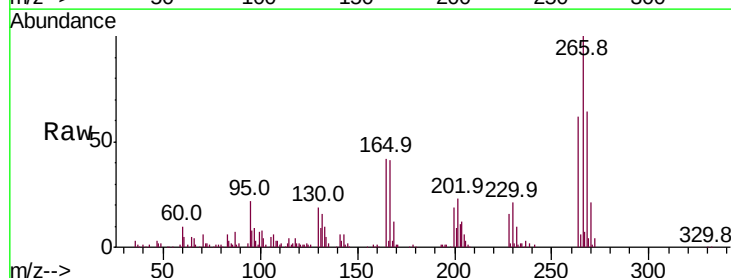


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

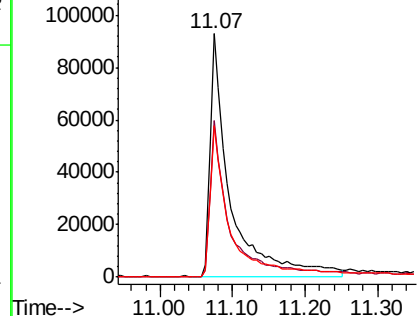
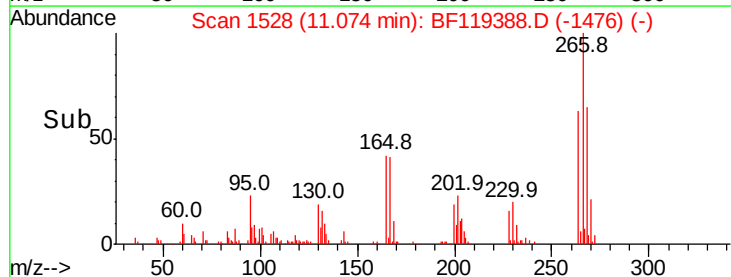


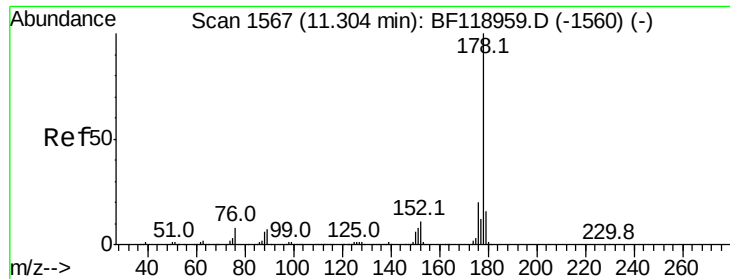
#70
Pentachlorophenol
Concen: 60.380 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	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

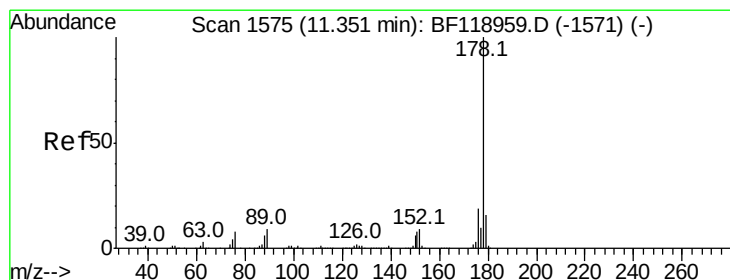
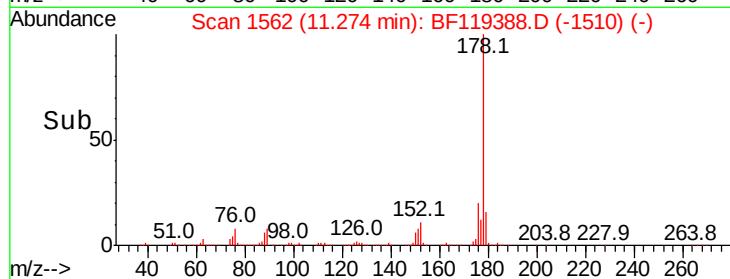
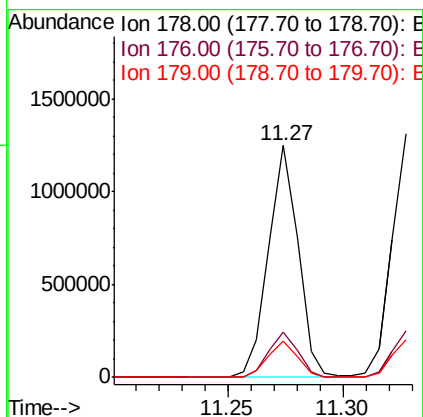
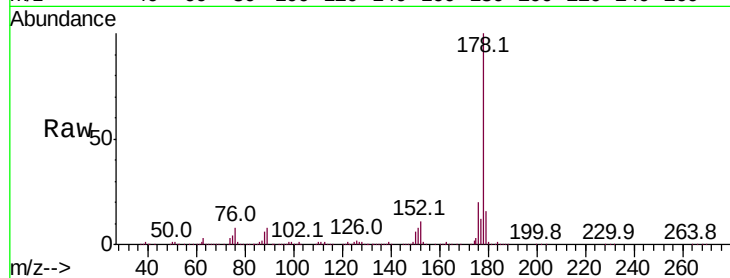




#71
 Phenanthrene
 Concen: 41.487 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

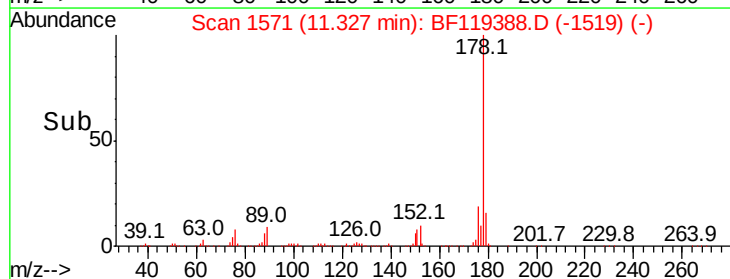
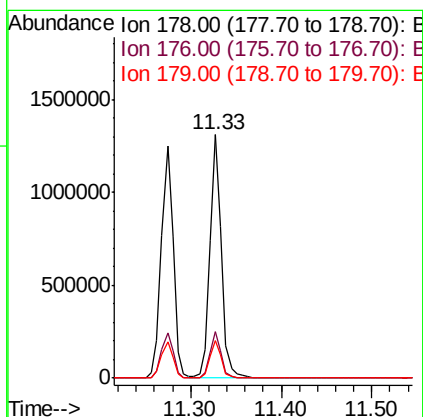
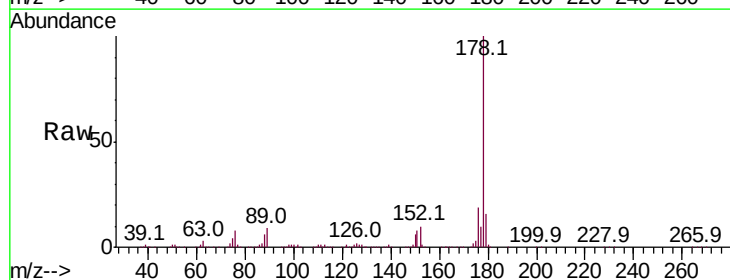
Instrument :
 BNA_F
 ClientSampleId :

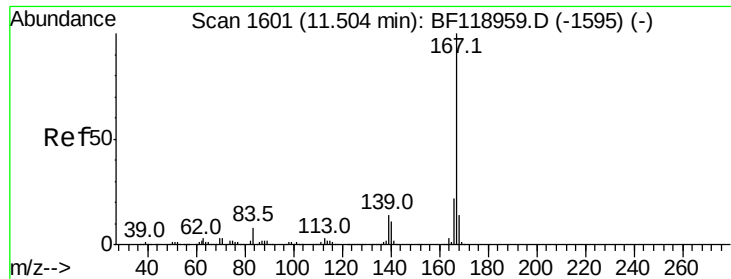
Tot Ion:178 Resp: 1123079
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.5 24.7
 179 15.6 13.0 19.6



#72
 Anthracene
 Concen: 43.547 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion:178 Resp: 1177841
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.0 24.0
 179 15.6 13.1 19.7





#73

Carbazole

Concen: 42.416 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

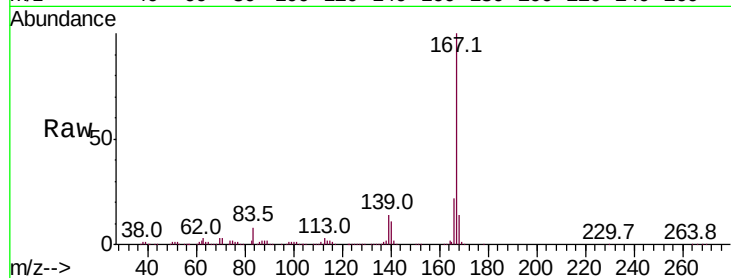
Tot Ion:167 Resp: 1022066

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.4

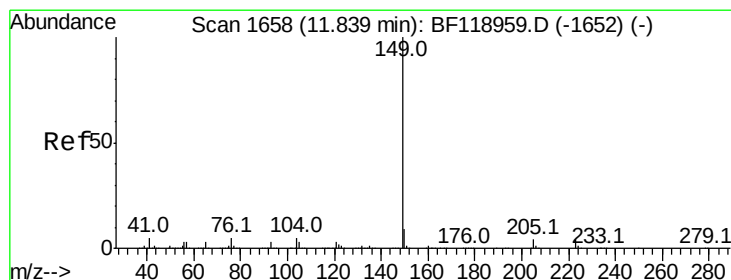
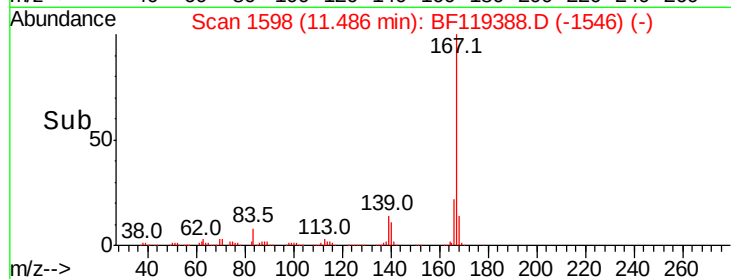
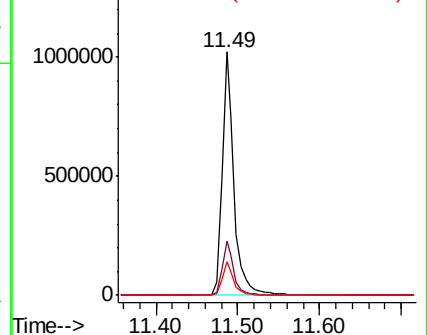
139 14.0 11.7 17.5



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: 41.754 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

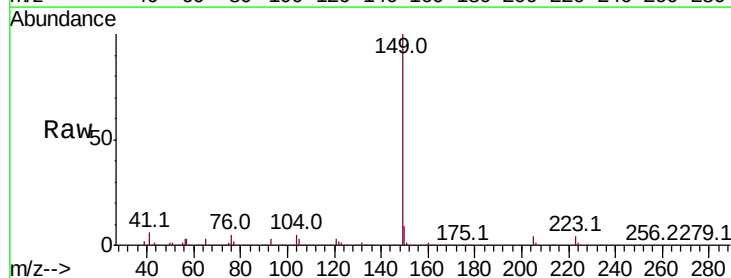
Tgt Ion:149 Resp: 1218397

Ion Ratio Lower Upper

149 100

150 9.4 7.9 11.9

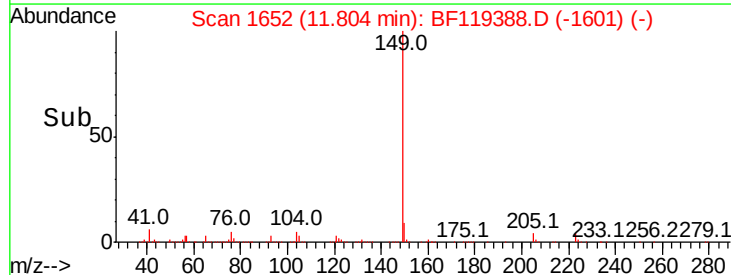
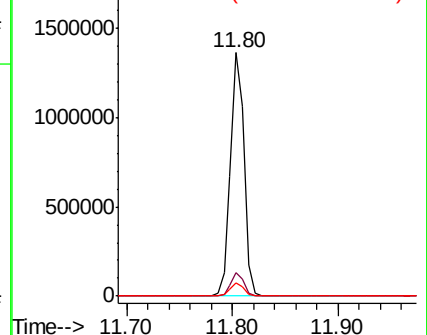
104 5.4 4.6 6.8

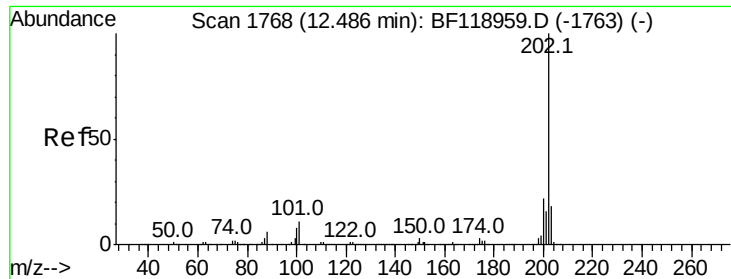


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.557 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampled :

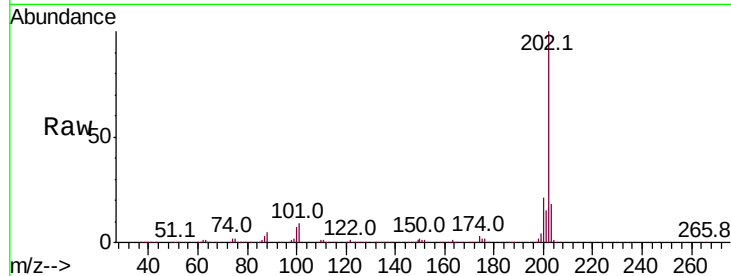
Tot Ion:202 Resp: 1194125

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.3

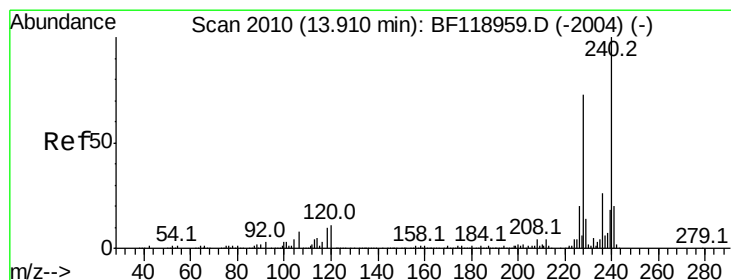
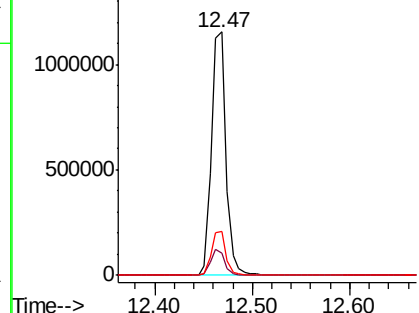
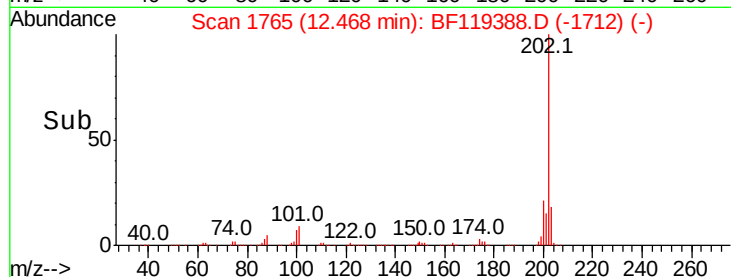
203 17.8 0.0 38.4



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: BF119388.D

Acq: 12 Mar 2020 19:03

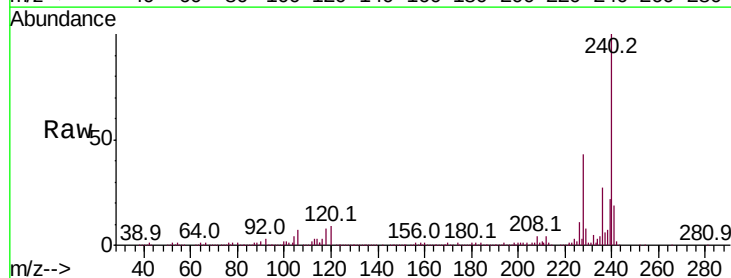
Tgt Ion:240 Resp: 324078

Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

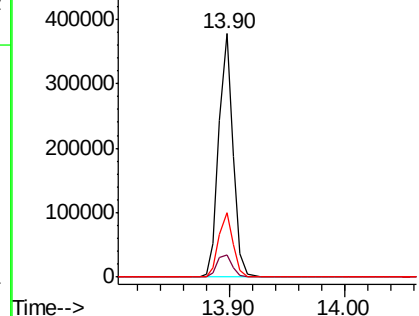
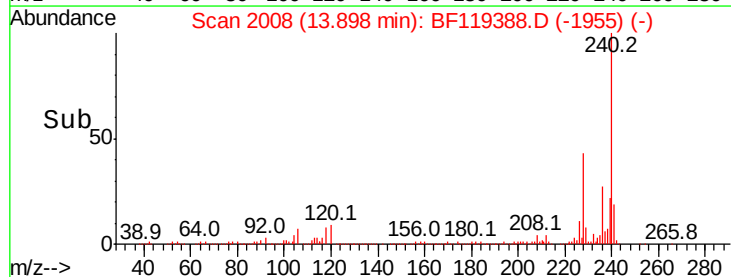
236 26.5 21.0 31.4

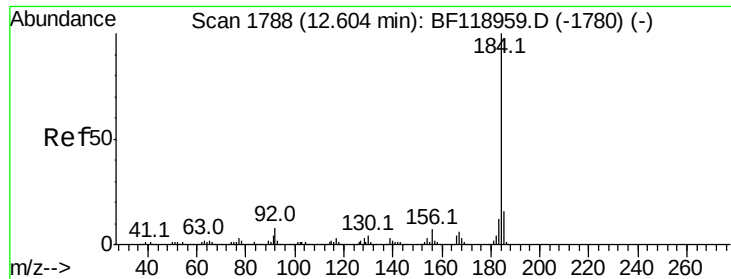


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.498 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

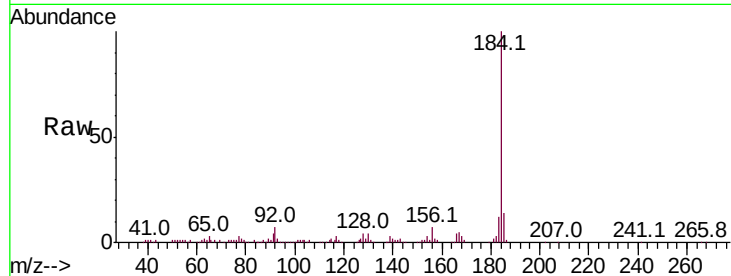
Tot Ion:184 Resp: 270166

Ion Ratio Lower Upper

184 100

185 13.7 12.2 18.4

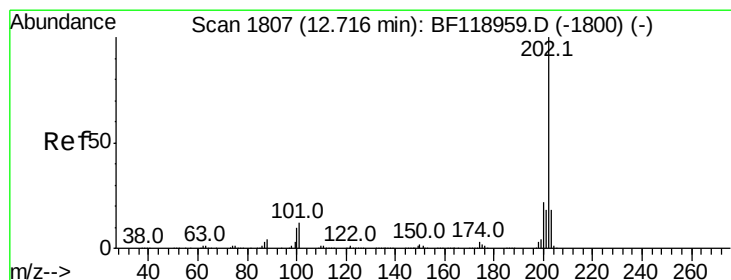
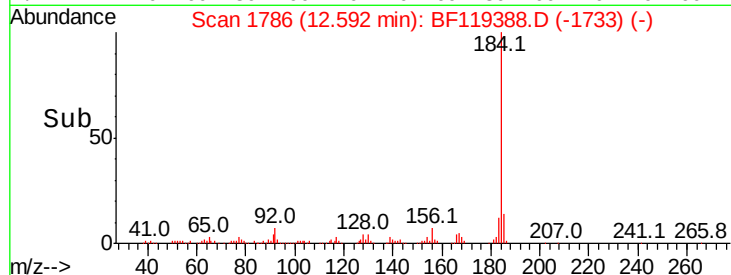
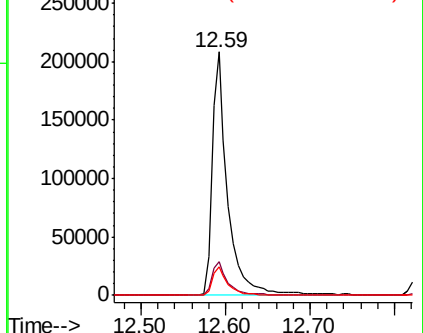
183 11.7 9.9 14.9



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: 45.530 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

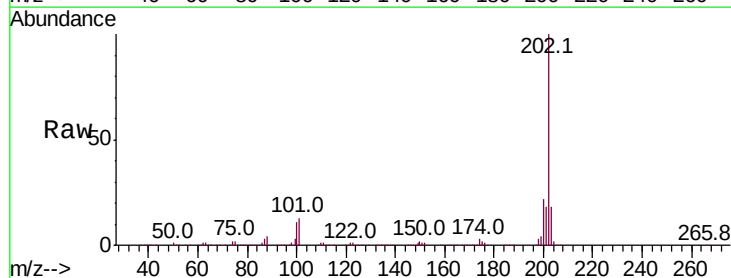
Tgt Ion:202 Resp: 1184820

Ion Ratio Lower Upper

202 100

200 21.8 18.0 27.0

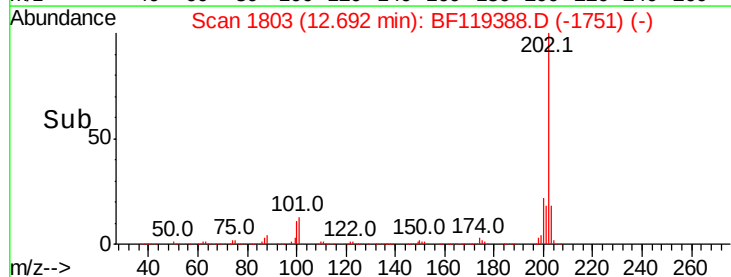
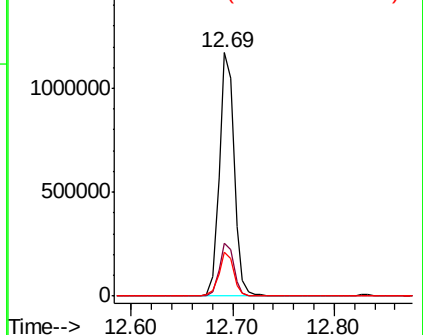
203 18.1 14.6 22.0

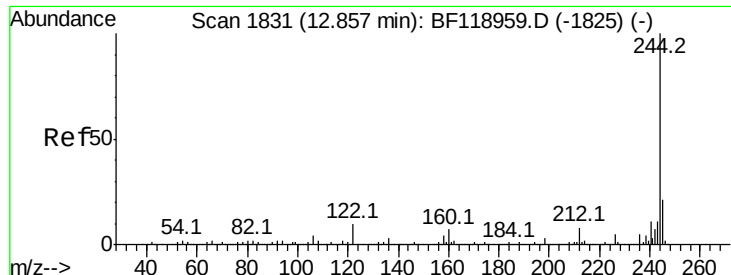


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.441 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

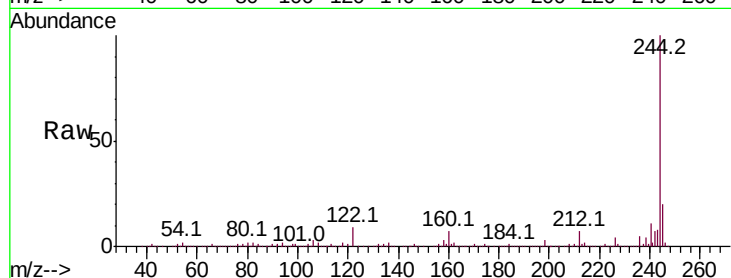
Tot Ion:244 Resp: 1740053

Ion Ratio Lower Upper

244 100

212 7.3 6.6 10.0

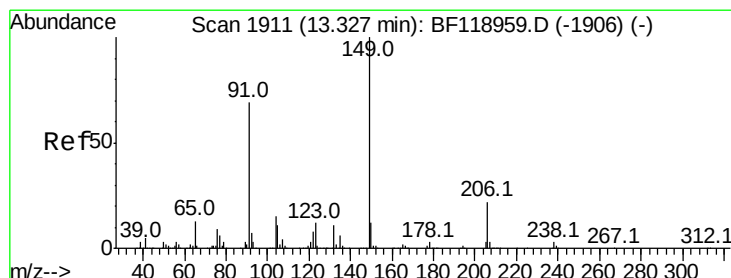
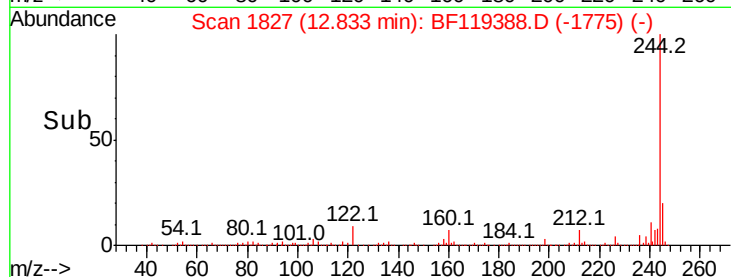
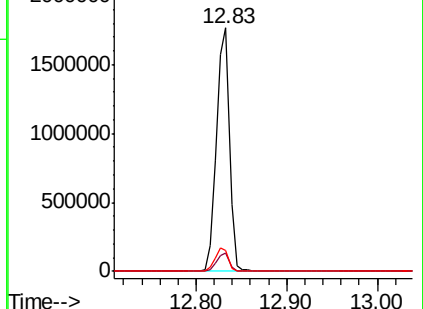
122 8.8 8.2 12.2



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: 42.634 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

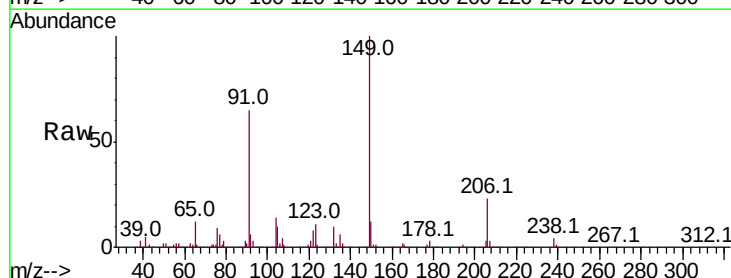
Tgt Ion:149 Resp: 466942

Ion Ratio Lower Upper

149 100

91 64.6 52.3 78.5

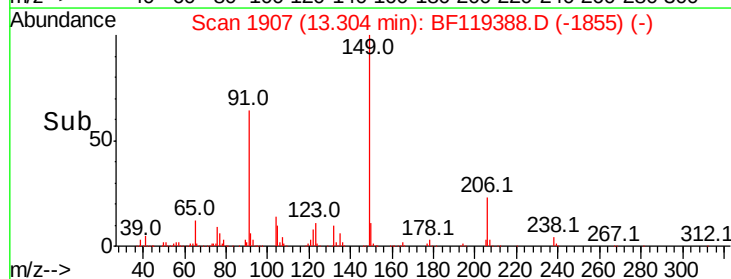
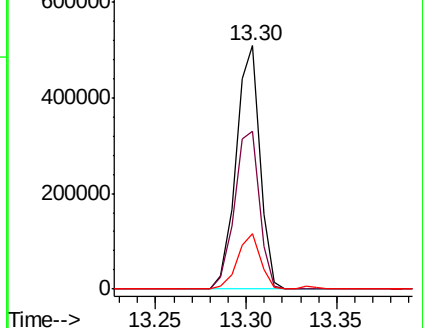
206 22.6 18.5 27.7

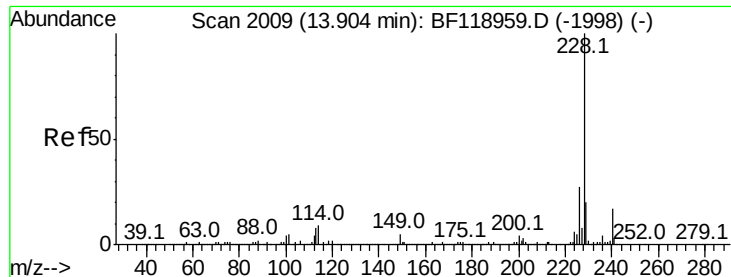


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

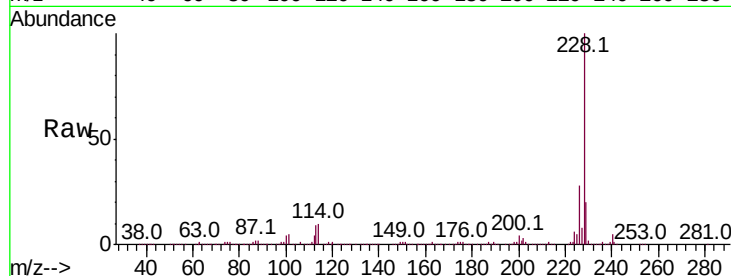




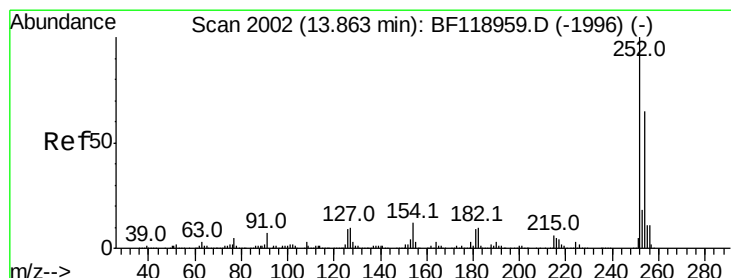
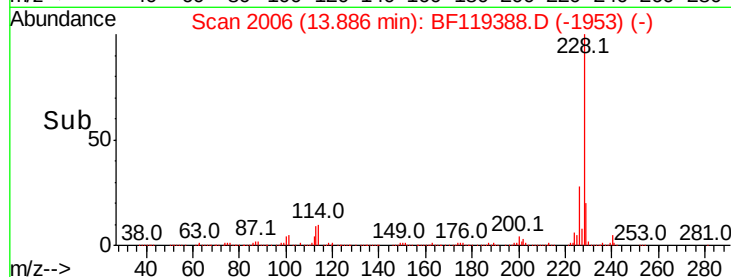
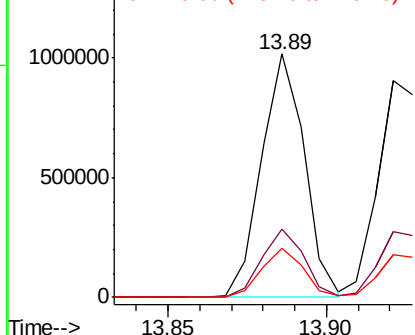
#81
Benzo(a)anthracene
Concen: 43.273 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.2	16.6	24.8

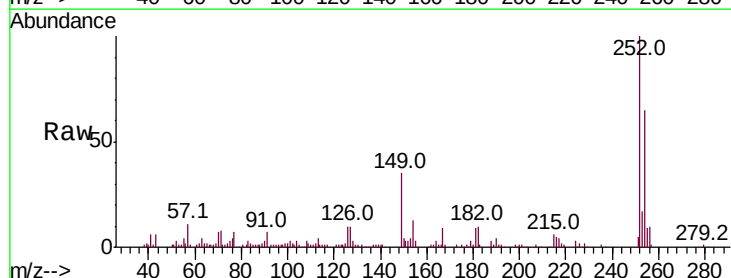


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

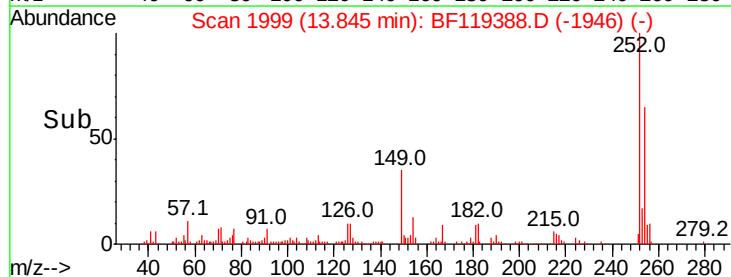
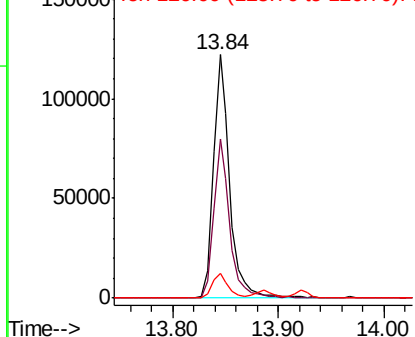


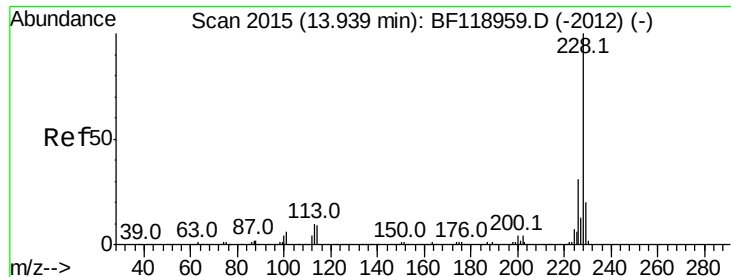
#82
3,3'-Dichlorobenzidine
Concen: 15.534 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.6	77.4
126	10.1	7.4	11.0



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





#83

Chrysene

Concen: 42.623 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

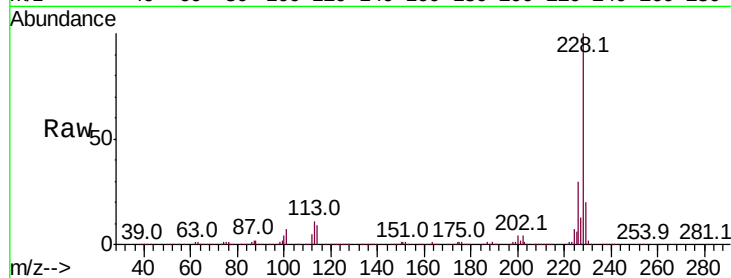
Tot Ion:228 Resp: 937814

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.1	37.7
229	19.9	16.3	24.5

228 100

226 30.3 25.1 37.7

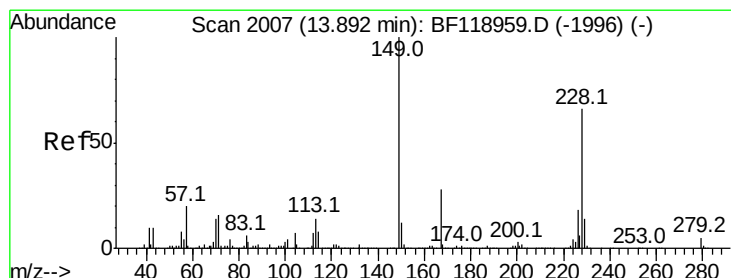
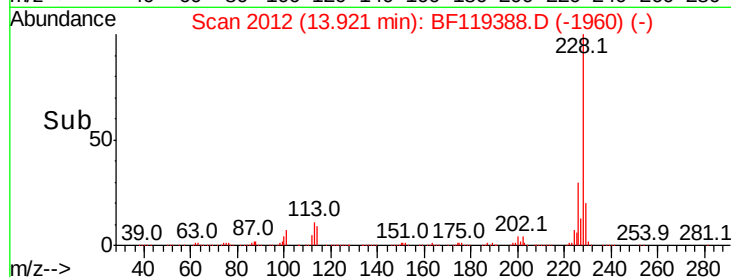
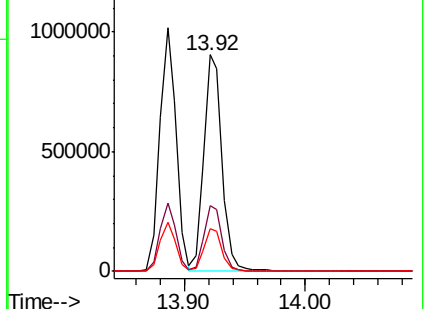
229 19.9 16.3 24.5



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: 42.799 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

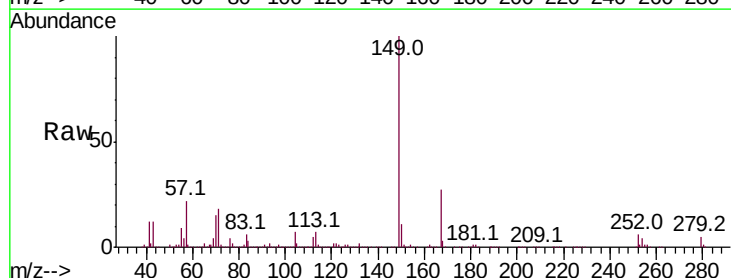
Tgt Ion:149 Resp: 592200

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.8	34.2
279	4.6	4.6	6.8

149 100

167 27.2 22.8 34.2

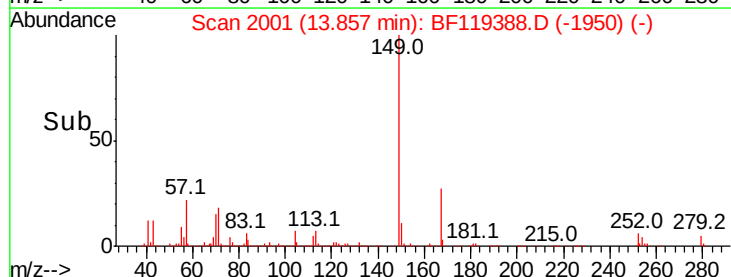
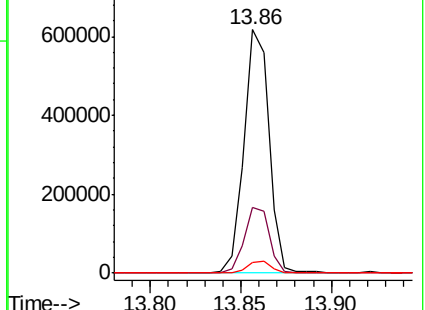
279 4.6 4.6 6.8

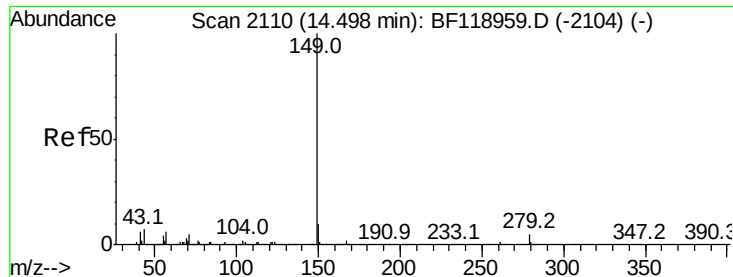


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.533 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

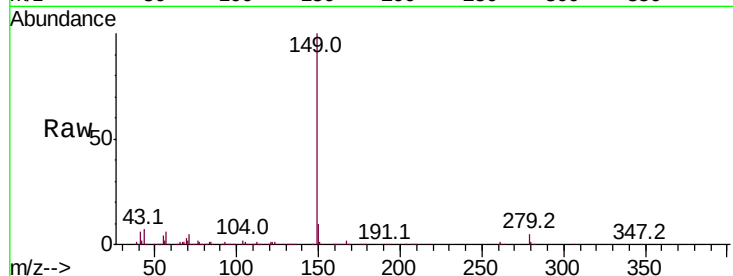
Tot Ion:149 Resp: 849497

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

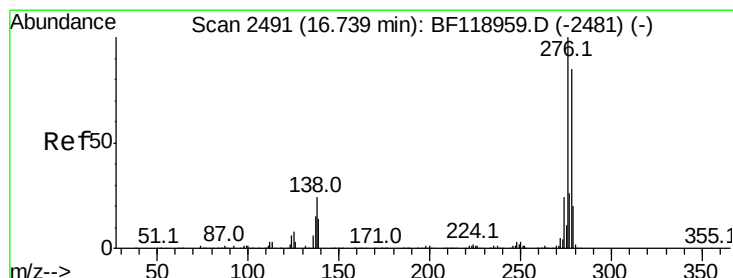
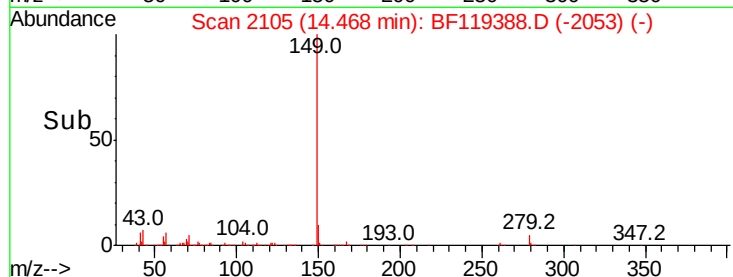
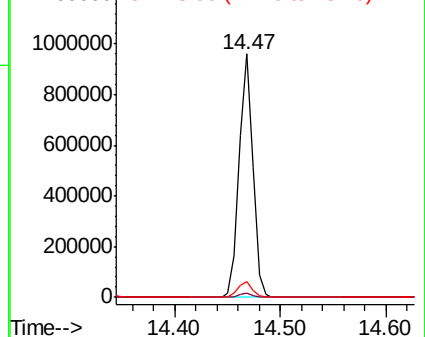
43 6.7 5.7 8.5



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: 37.290 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.04 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

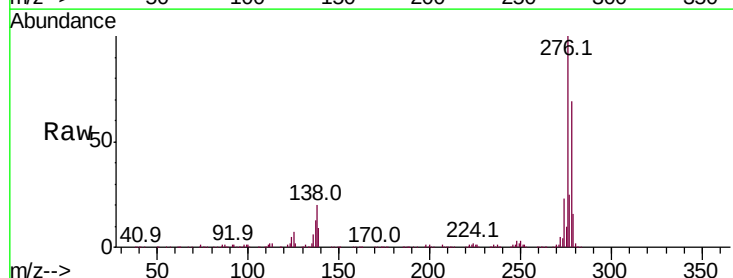
Tgt Ion:276 Resp: 794437

Ion Ratio Lower Upper

276 100

138 21.3 17.4 26.0

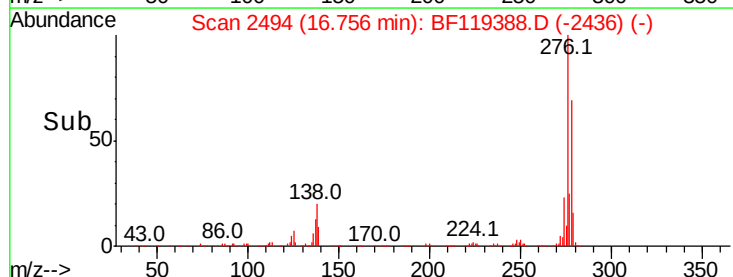
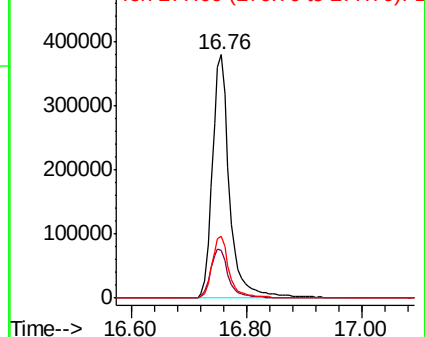
277 25.5 20.3 30.5

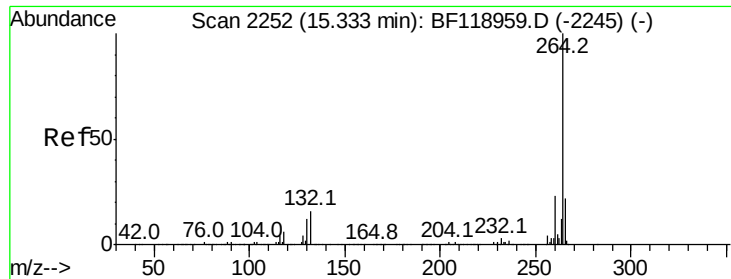


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

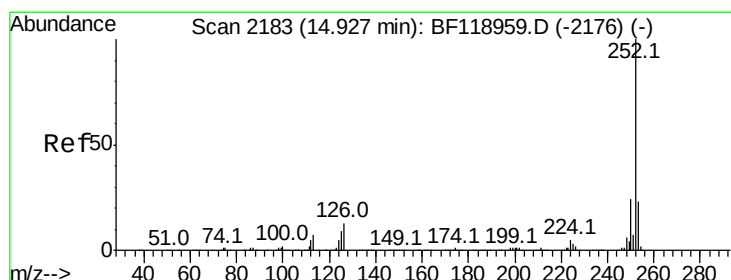
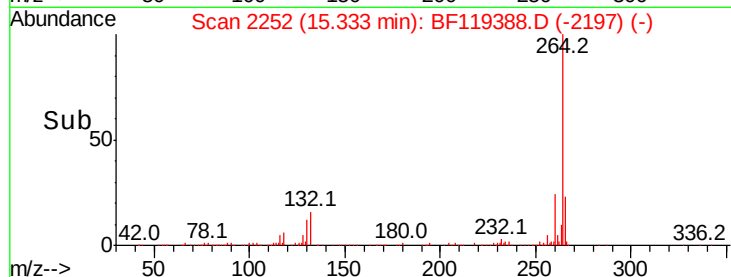
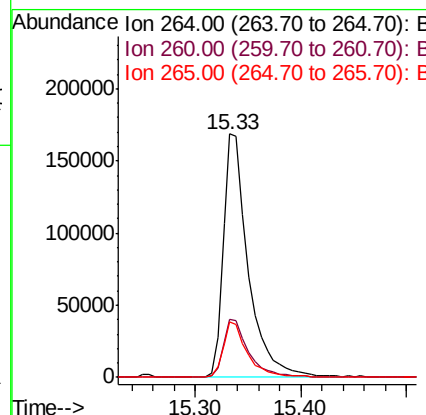
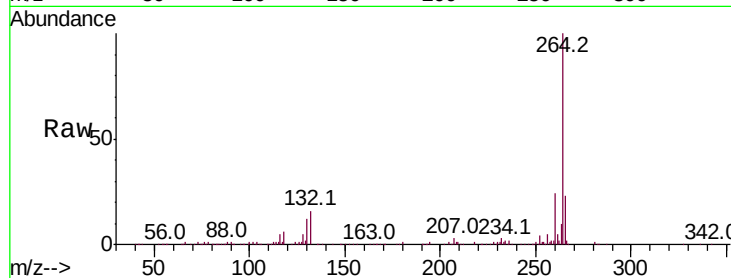




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

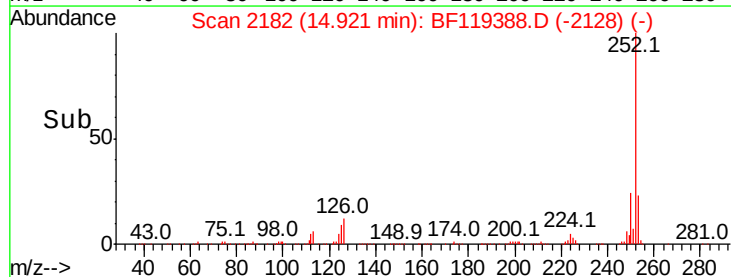
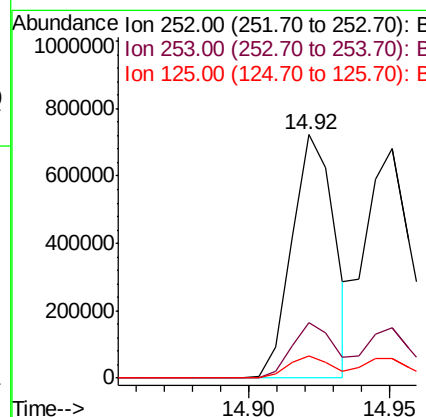
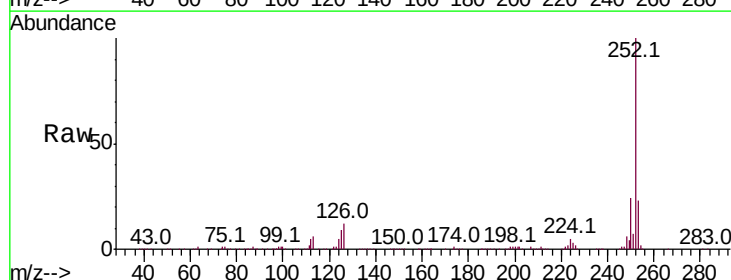
Instrument :
BNA_F
ClientSampleId :

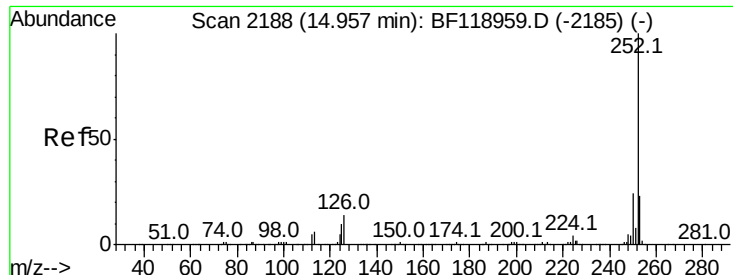
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.6	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 41.132 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	9.3	7.4	11.0

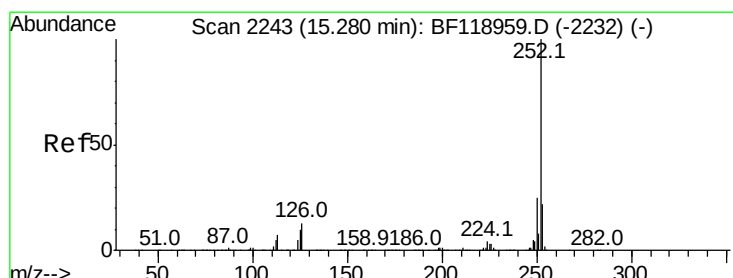
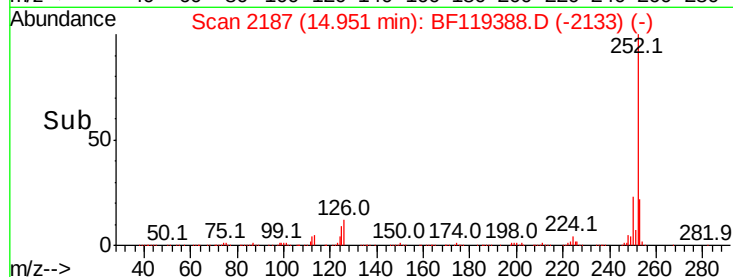
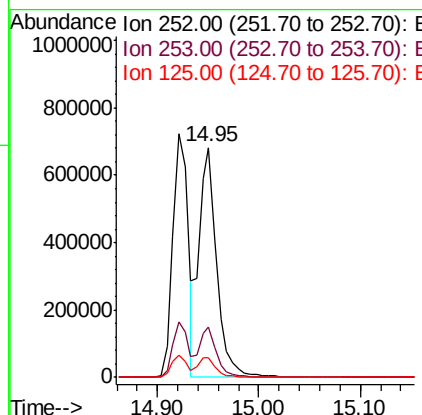
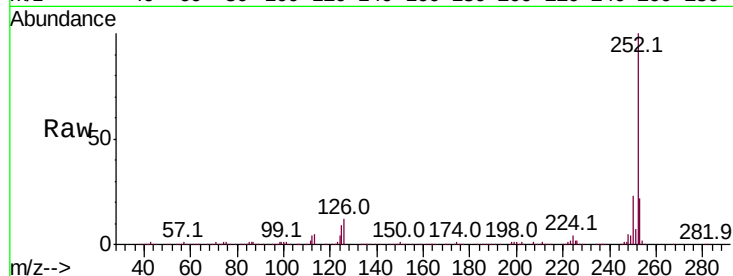




#89
Benzo(k)fluoranthene
Concen: 48.266 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.02 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

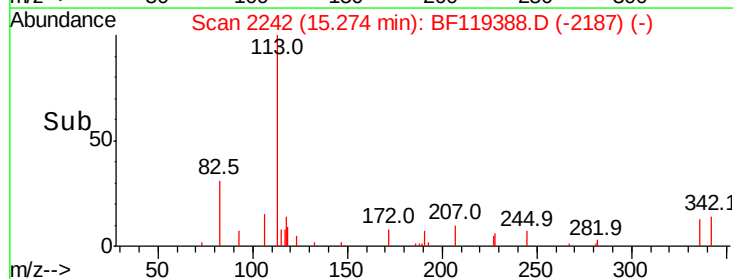
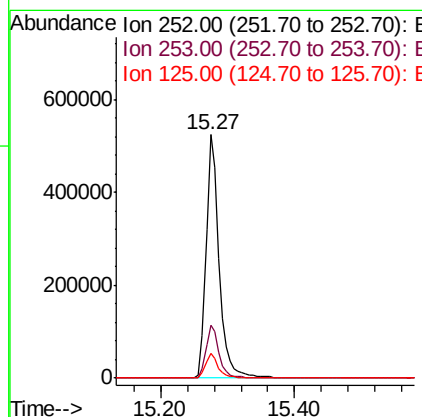
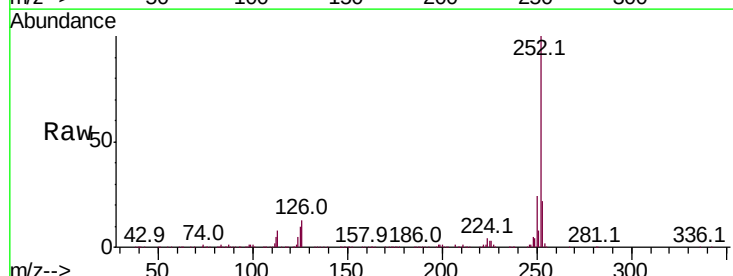
Instrument :
BNA_F
ClientSampled :

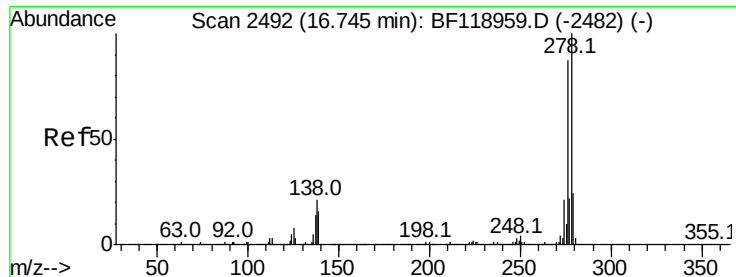
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	8.7	7.5	11.3



#90
Benzo(a)pyrene
Concen: 42.050 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	10.0	8.6	12.8





#91

Dibenzo(a,h)anthracene

Concen: 45.160 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.04 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

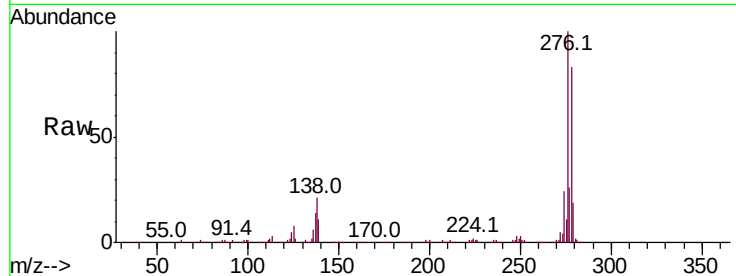
Tot Ion:278 Resp: 661769

Ion Ratio Lower Upper

278 100

139 13.6 11.0 16.4

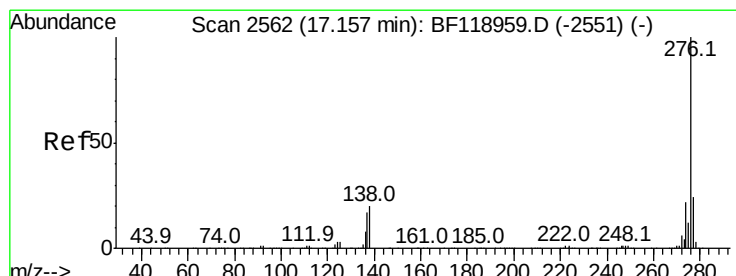
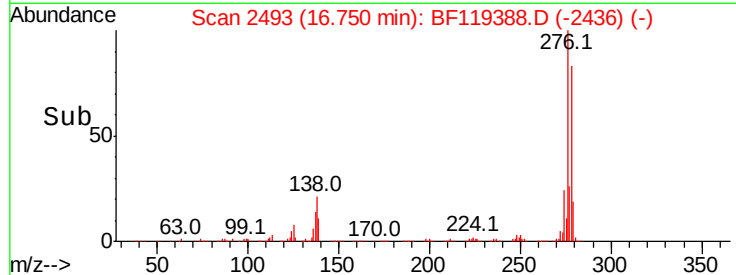
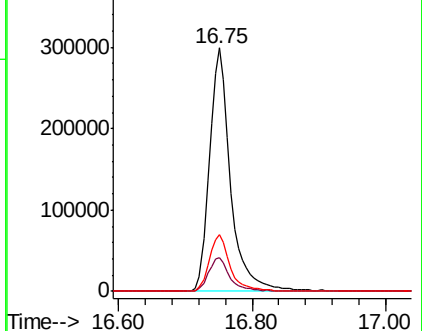
279 23.2 18.6 28.0



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: 46.428 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.04 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

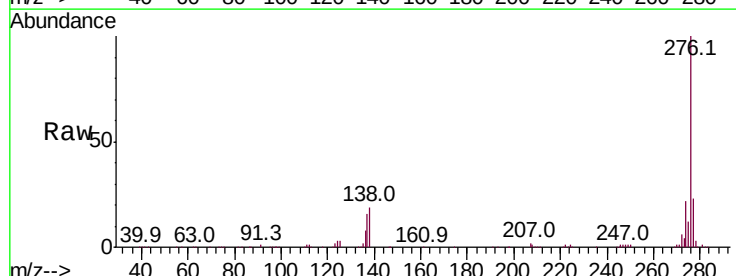
Tgt Ion:276 Resp: 672219

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 18.6 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

