

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119189.D
 Acq On : 4 Mar 2020 12:28
 Operator : CG/JU
 Sample : L1744-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 04 12:59:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	134026	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	517160	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	289033	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	520498	20.00	ng	0.00
76) Chrysene-d12	13.90	240	298988	20.00	ng	0.00
87) Perylene-d12	15.33	264	270667	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	698719	87.12	ng	0.00
7) Phenol-d6	6.39	99	837685	85.88	ng	-0.01
23) Nitrobenzene-d5	7.30	82	567857	57.98	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	302042	79.88	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1137352	57.97	ng	-0.01
79) Terphenyl-d14	12.84	244	1293846	74.50	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	136717	38.289	ng	98
3) Pyridine	3.23	79	335264	34.380	ng	99
4) n-Nitrosodimethylamine	3.18	42	138398	46.850	ng	98
6) Aniline	6.40	93	405864	33.723	ng	96
8) 2-Chlorophenol	6.53	128	435635	50.334	ng	99
9) Benzaldehyde	6.29	77	334097	51.269	ng	97
10) Phenol	6.41	94	505571	47.942	ng	93
11) bis(2-Chloroethyl)ether	6.47	93	384232	47.620	ng	97
12) 1,3-Dichlorobenzene	6.68	146	471566	45.459	ng	97
13) 1,4-Dichlorobenzene	6.76	146	476821	45.934	ng	99
14) 1,2-Dichlorobenzene	6.91	146	442707	46.762	ng	99
15) Benzyl Alcohol	6.89	79	361819	51.327	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	315319	45.113	ng	# 37
17) 2-Methylphenol	7.01	107	343794	48.994	ng	98
18) Hexachloroethane	7.25	117	170507	45.911	ng	95
19) n-Nitroso-di-n-propylamine	7.16	70	287692	50.619	ng	99
20) 3+4-Methylphenols	7.16	107	437583	50.900	ng	94
22) Acetophenone	7.15	105	572715	47.863	ng	# 95
24) Nitrobenzene	7.33	77	445684	46.013	ng	100
25) Isophorone	7.57	82	803412	47.230	ng	99
26) 2-Nitrophenol	7.65	139	241342	47.026	ng	98
27) 2,4-Dimethylphenol	7.69	122	364808	52.376	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	483897	43.704	ng	100
29) 2,4-Dichlorophenol	7.89	162	374268	45.644	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	418290	43.026	ng	98
31) Naphthalene	8.05	128	1232200	45.942	ng	99
32) Benzoic acid	7.85	122	178677	36.944	ng	100
33) 4-Chloroaniline	8.10	127	243262	21.088	ng	98
34) Hexachlorobutadiene	8.16	225	257359	42.498	ng	97
35) Caprolactam	8.48	113	70334	27.857	ng	98
36) 4-Chloro-3-methylphenol	8.60	107	393690	47.441	ng	100
37) 2-Methylnaphthalene	8.73	142	847684	46.964	ng	100
38) 1-Methylnaphthalene	8.83	142	793189	46.727	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	421452	43.248	ng	100

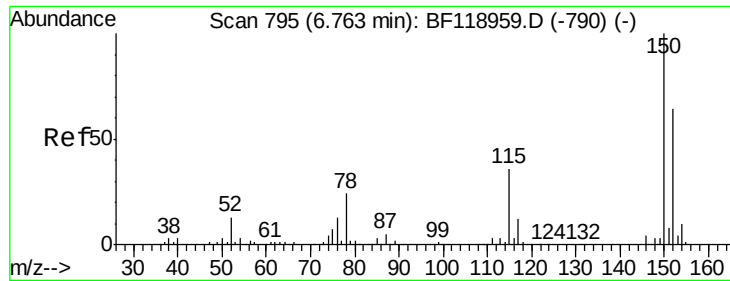
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
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 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	228085	66.144	ng	99
43) 2,4,6-Trichlorophenol	9.02	196	266000	43.225	ng	98
44) 2,4,5-Trichlorophenol	9.07	196	280454	43.430	ng	98
46) 1,1'-Biphenyl	9.20	154	1024648	43.864	ng	98
47) 2-Chloronaphthalene	9.23	162	818504	43.481	ng	97
48) 2-Nitroaniline	9.33	65	229030	43.621	ng	99
49) Acenaphthylene	9.64	152	1255399	46.175	ng	99
50) Dimethylphthalate	9.50	163	1083943	49.043	ng	99
51) 2,6-Dinitrotoluene	9.57	165	223082	45.431	ng	# 84
52) Acenaphthene	9.81	154	735745	44.879	ng	99
53) 3-Nitroaniline	9.74	138	120704	22.173	ng	99
54) 2,4-Dinitrophenol	9.86	184	171815	72.741	ng	# 91
55) Dibenzofuran	9.99	168	1084913	44.337	ng	97
56) 4-Nitrophenol	9.93	139	197158	60.280	ng	89
57) 2,4-Dinitrotoluene	9.98	165	276118	43.382	ng	91
58) Fluorene	10.33	166	878771	46.216	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.11	232	231474	42.481	ng	99
60) Diethylphthalate	10.20	149	965147	46.338	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	462430	45.946	ng	98
62) 4-Nitroaniline	10.36	138	206442	37.066	ng	95
63) Azobenzene	10.47	77	851342	47.025	ng	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	149584	47.493	ng	99
66) n-Nitrosodiphenylamine	10.44	169	793928	46.584	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	302673	44.487	ng	96
68) Hexachlorobenzene	10.88	284	346553	44.180	ng	97
69) Atrazine	10.97	200	265134	44.526	ng	98
70) Pentachlorophenol	11.08	266	255912	80.989	ng	99
71) Phenanthrene	11.29	178	1275912	44.950	ng	99
72) Anthracene	11.34	178	1329830	46.888	ng	99
73) Carbazole	11.50	167	1115884	44.164	ng	98
74) Di-n-butylphthalate	11.82	149	1455407	47.565	ng	98
75) Fluoranthene	12.47	202	1289316	42.791	ng	99
77) Benzidine	12.59	184	549505	45.191	ng	98
78) Pyrene	12.70	202	1278157	53.238	ng	99
80) Butylbenzylphthalate	13.31	149	558921	55.314	ng	94
81) Benzo(a)anthracene	13.89	228	966366	47.436	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	252100	31.869	ng	98
83) Chrysene	13.93	228	910037	44.832	ng	98
84) Bis(2-ethylhexyl)phthalate	13.87	149	764644	59.899	ng	98
85) Di-n-octyl phthalate	14.48	149	1121634	55.146	ng	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	970498	49.377	ng	100
88) Benzo(b)fluoranthene	14.92	252	800638	44.877	ng	99
89) Benzo(k)fluoranthene	14.95	252	795036	48.086	ng	99
90) Benzo(a)pyrene	15.27	252	719208	44.666	ng	97
91) Dibenzo(a,h)anthracene	16.75	278	815221	57.540	ng	99
92) Benzo(g,h,i)perylene	17.17	276	816298	58.313	ng	99

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

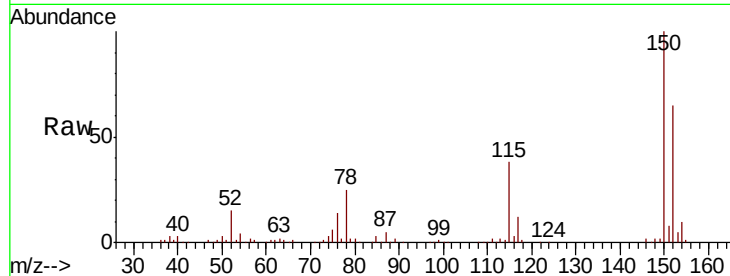


#1

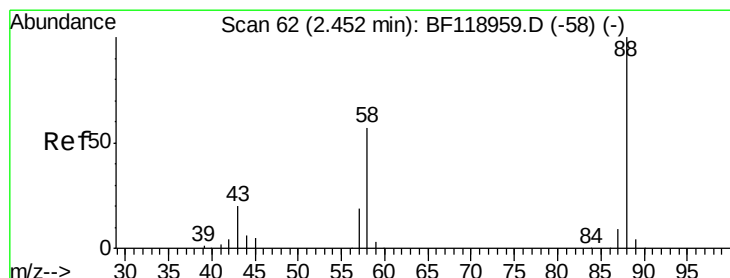
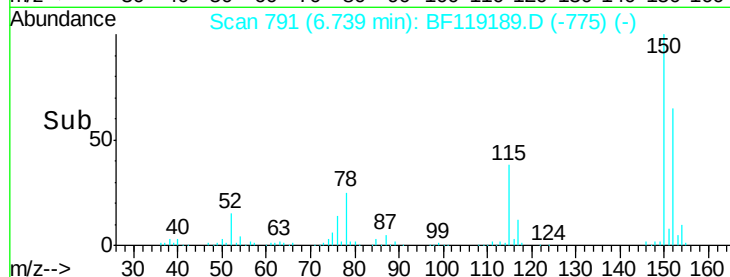
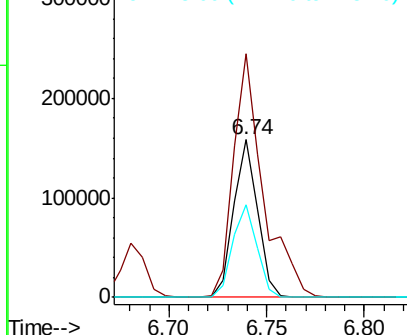
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134026
Ion Ratio Lower Upper
152 100
150 154.5 123.0 184.6
115 58.6 49.5 74.3



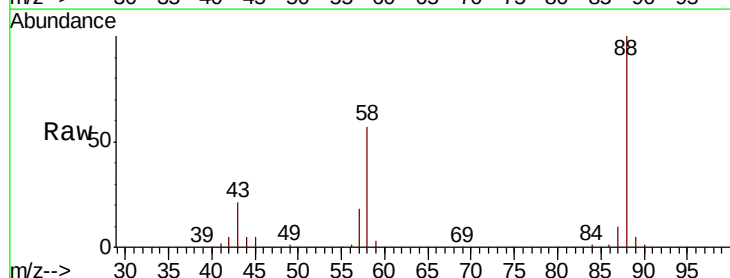
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



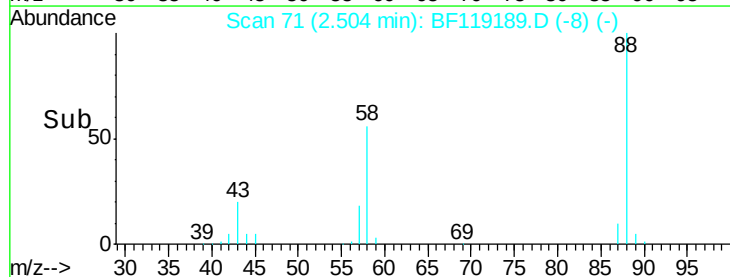
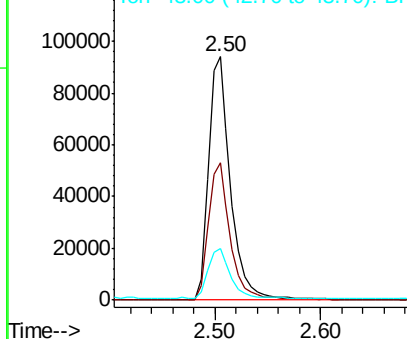
#2

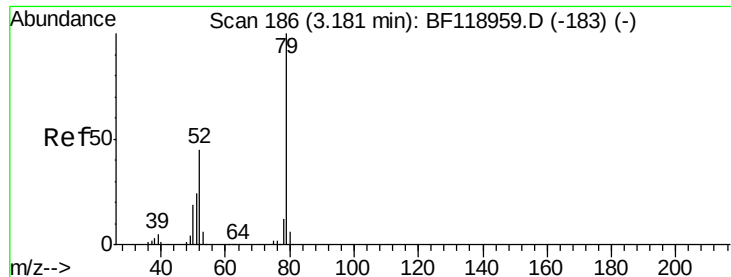
1,4-Dioxane
Concen: 38.289 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.07 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion: 88 Resp: 136717
Ion Ratio Lower Upper
88 100
58 56.4 43.8 65.6
43 21.1 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: 34.380 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.07 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampled :

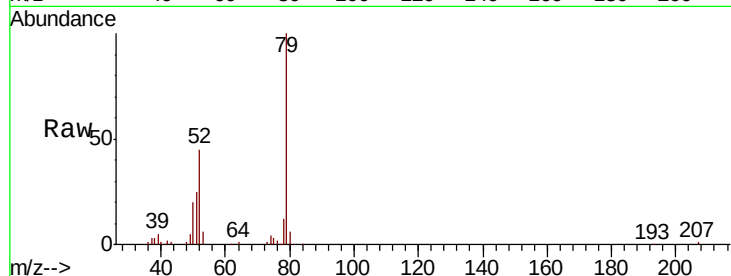
Tot Ion: 79 Resp: 335264

Ion Ratio Lower Upper

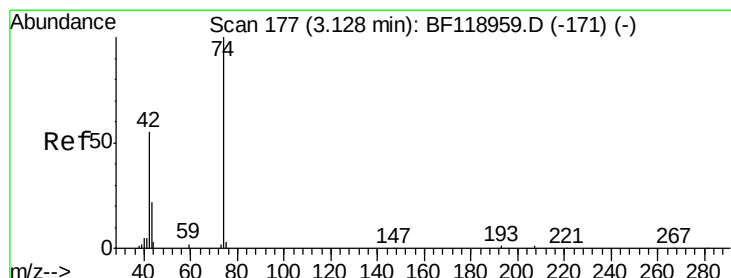
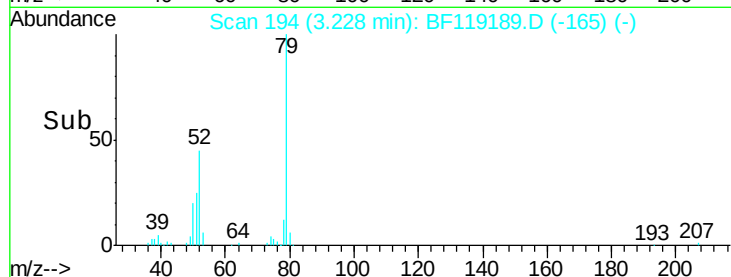
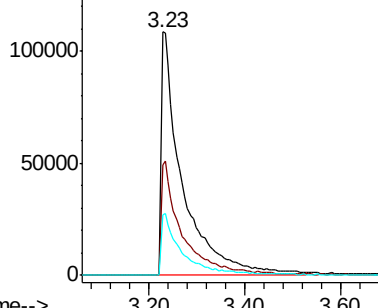
79 100

52 45.4 37.4 56.0

51 24.7 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: 46.850 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.06 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

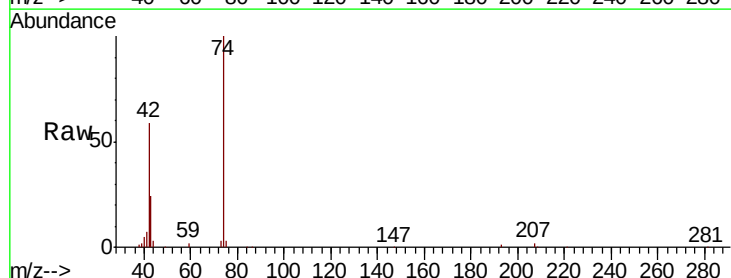
Tgt Ion: 42 Resp: 138398

Ion Ratio Lower Upper

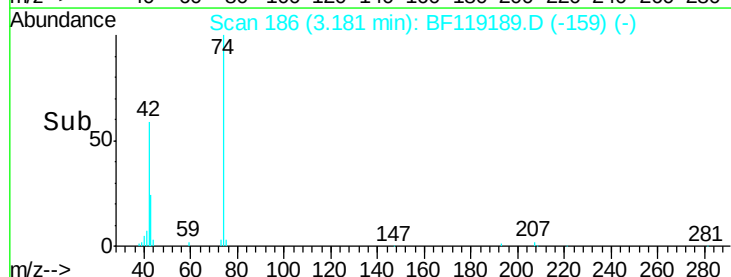
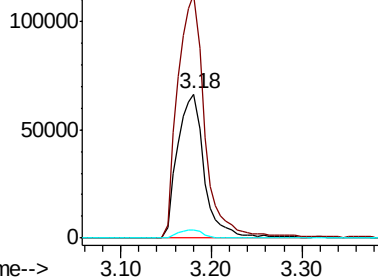
42 100

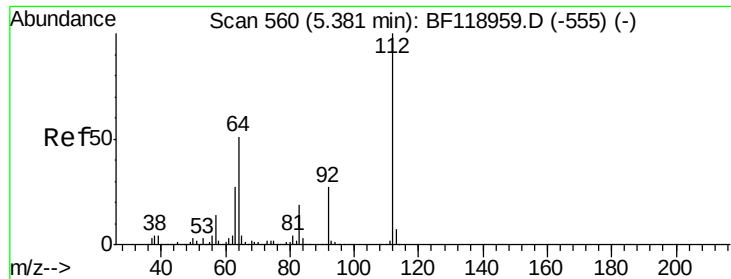
74 168.8 137.7 206.5

44 5.2 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: 87.124 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

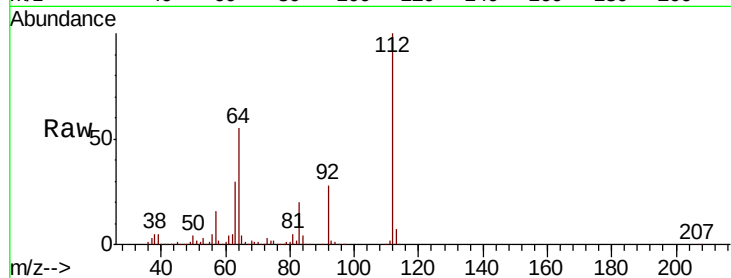
Tot Ion:112 Resp: 698719

Ion Ratio Lower Upper

112 100

64 54.7 45.0 67.4

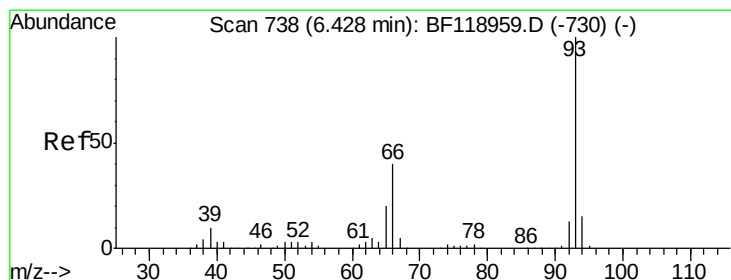
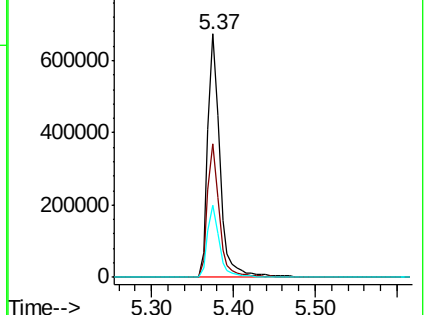
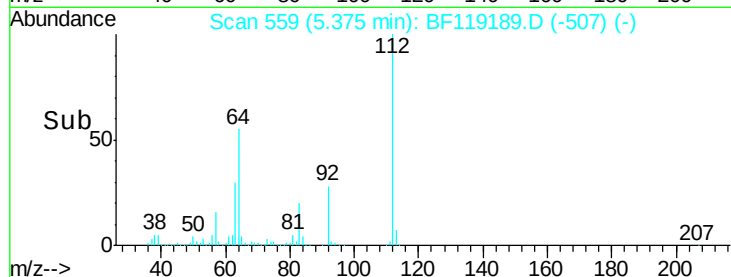
63 29.7 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.723 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

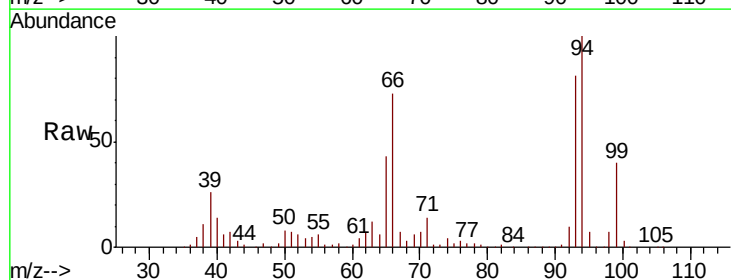
Tgt Ion: 93 Resp: 405864

Ion Ratio Lower Upper

93 100

66 89.8 74.5 111.7

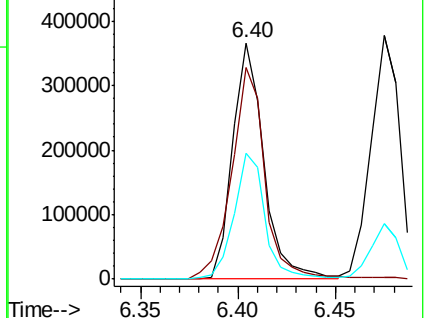
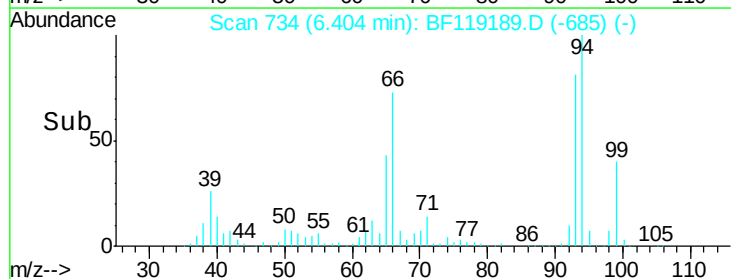
65 53.2 45.3 67.9

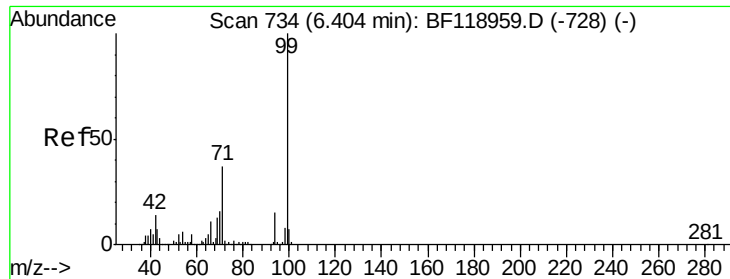


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.885 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampled :

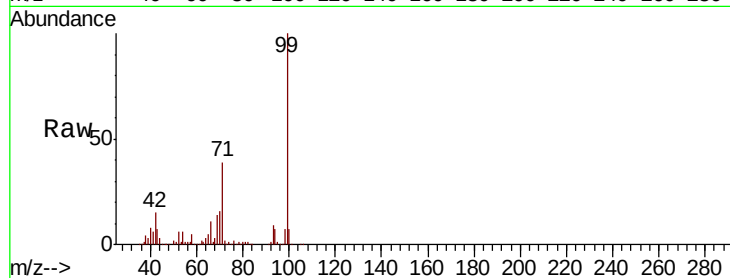
Tot Ion: 99 Resp: 837685

Ion Ratio Lower Upper

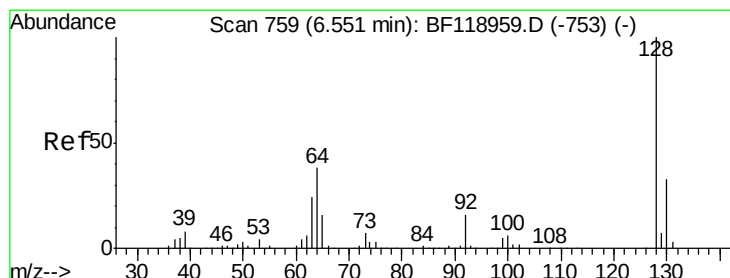
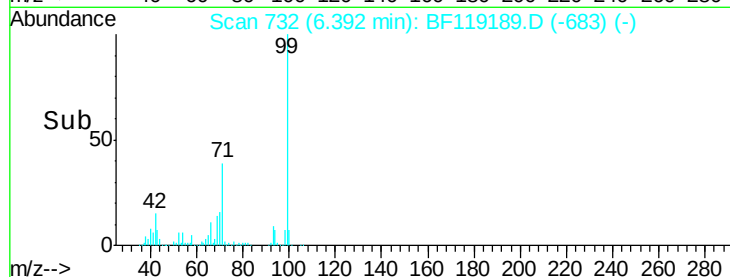
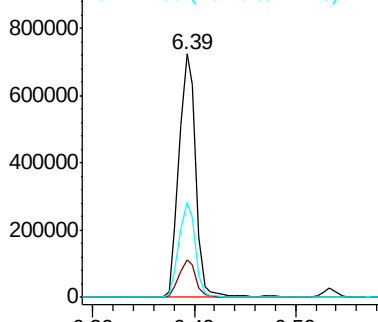
99 100

42 15.3 12.6 18.8

71 39.1 31.0 46.4



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



#8

2-Chlorophenol

Concen: 50.334 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

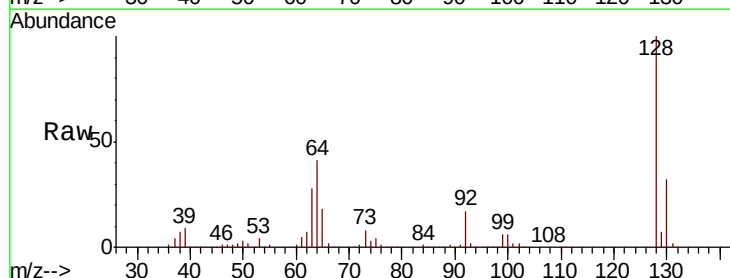
Tgt Ion: 128 Resp: 435635

Ion Ratio Lower Upper

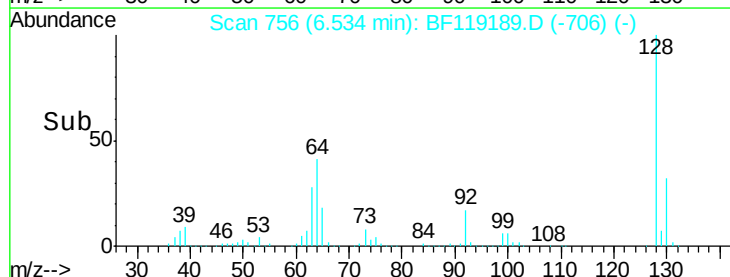
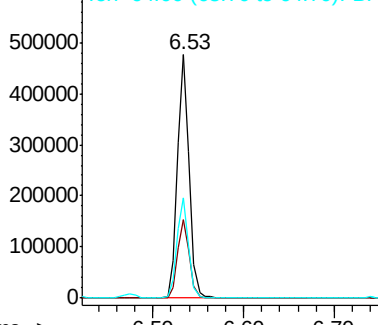
128 100

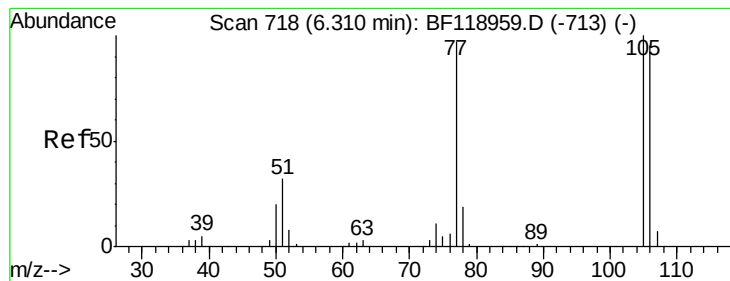
130 32.4 12.7 52.7

64 41.4 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: 51.269 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

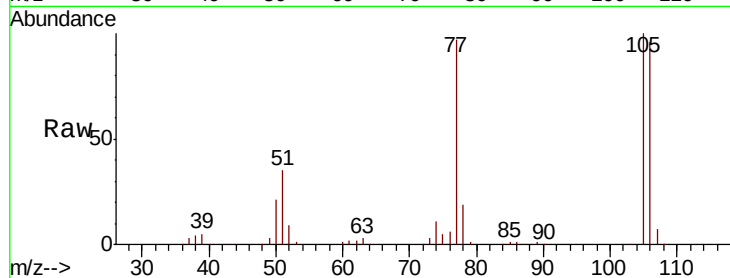
Tot Ion: 77 Resp: 334097

Ion Ratio Lower Upper

77 100

105 103.1 80.1 120.1

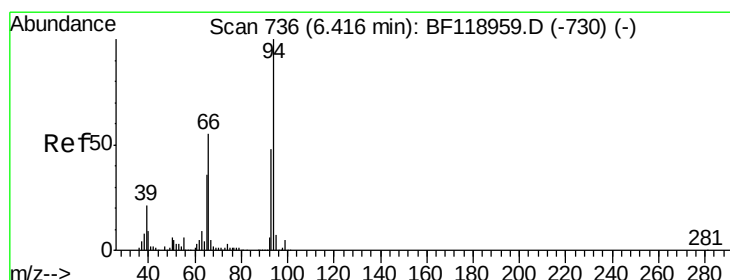
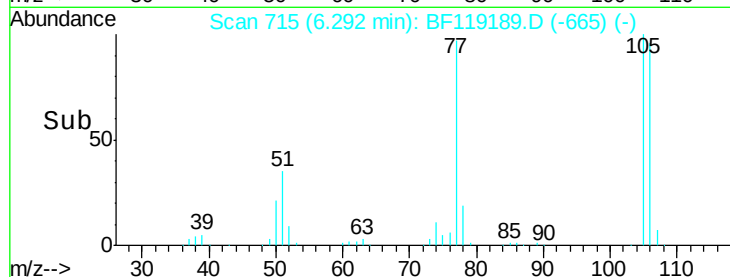
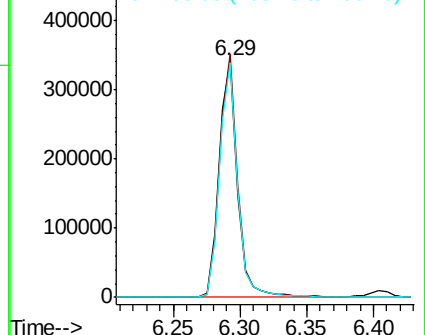
106 99.2 75.9 115.9



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: 47.942 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

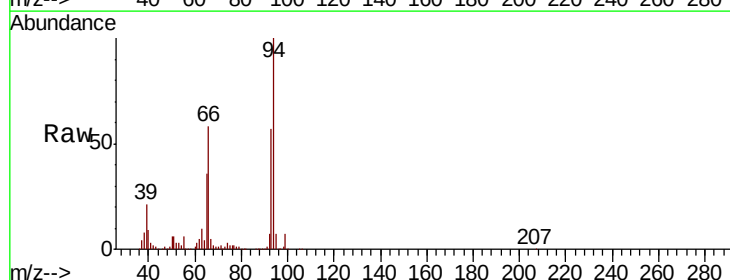
Tgt Ion: 94 Resp: 505571

Ion Ratio Lower Upper

94 100

65 35.7 19.2 59.2

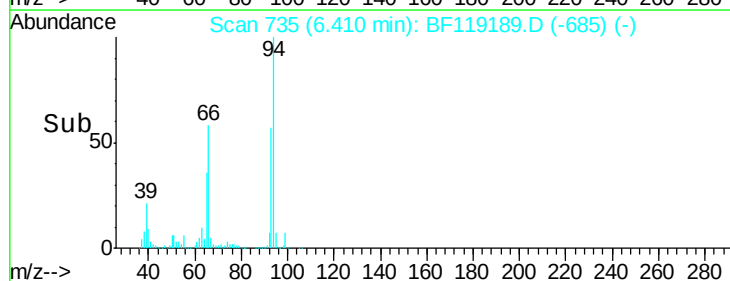
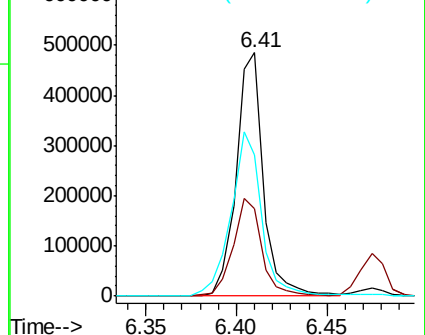
66 57.9 44.4 84.4

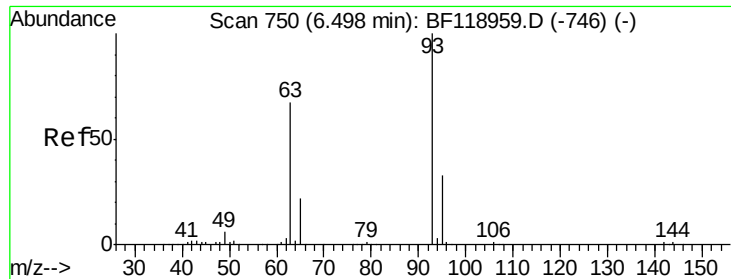


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

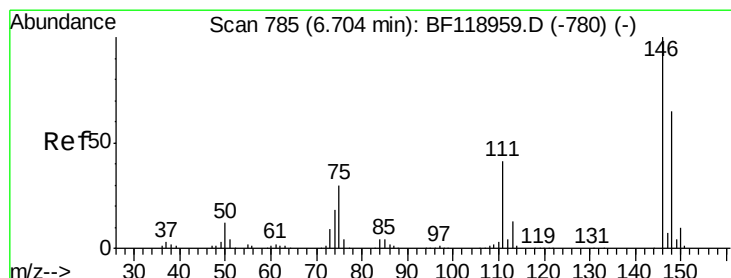
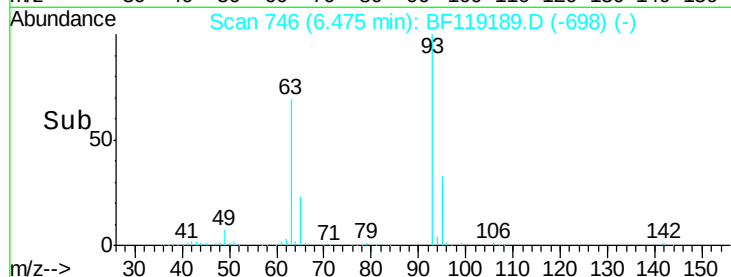
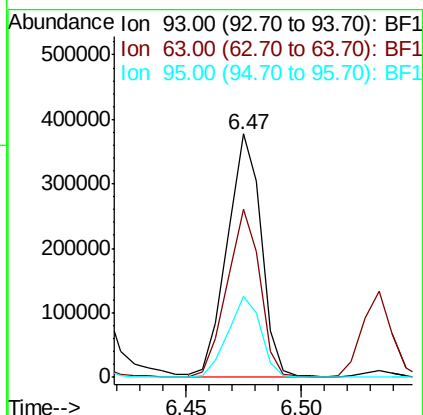
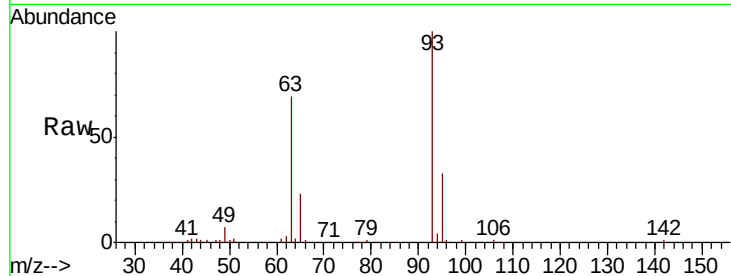




#11
bis(2-Chloroethyl)ether
Concen: 47.620 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

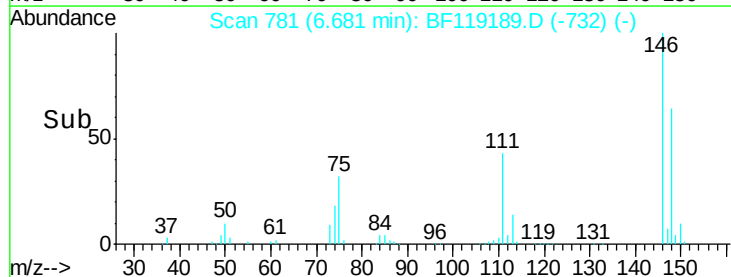
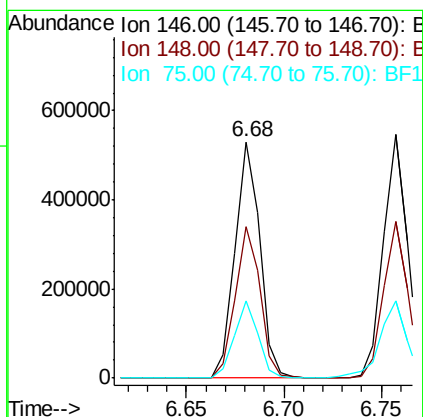
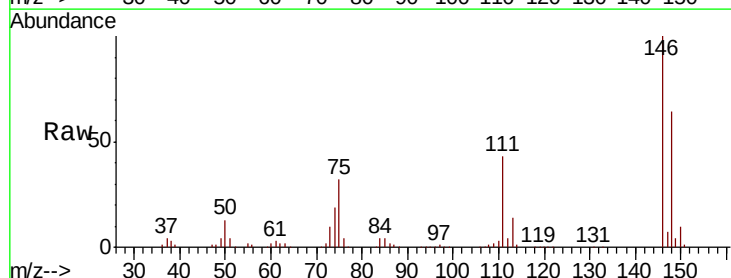
Instrument :
BNA_F
ClientSampleId :

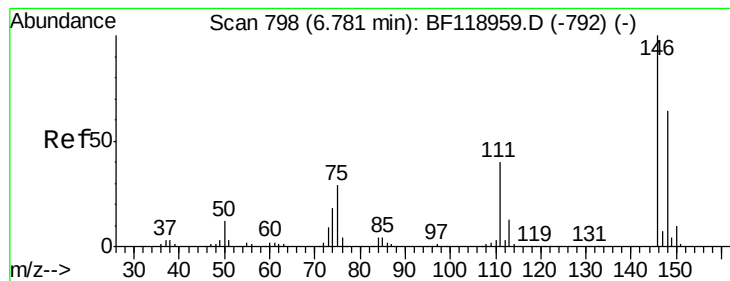
Tot Ion: 93 Resp: 384232
Ion Ratio Lower Upper
93 100
63 69.1 45.4 85.4
95 33.1 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 45.459 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion: 146 Resp: 471566
Ion Ratio Lower Upper
146 100
148 63.9 52.5 78.7
75 32.5 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 45.934 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

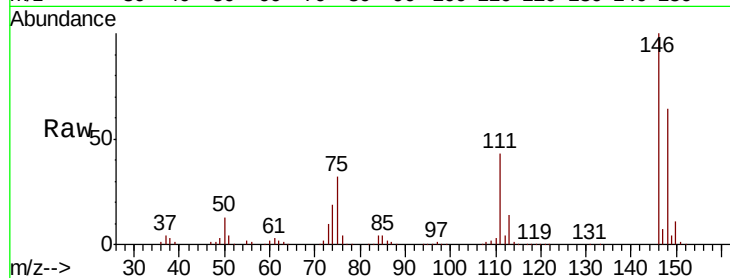
Tot Ion:146 Resp: 476821

Ion Ratio Lower Upper

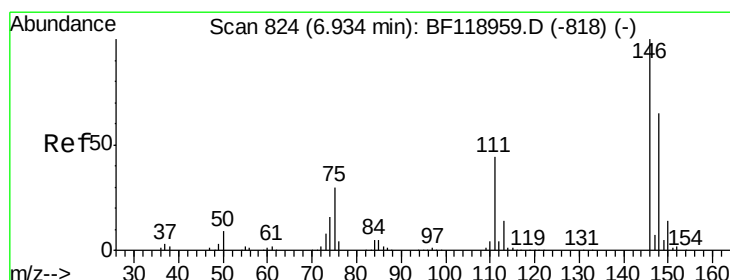
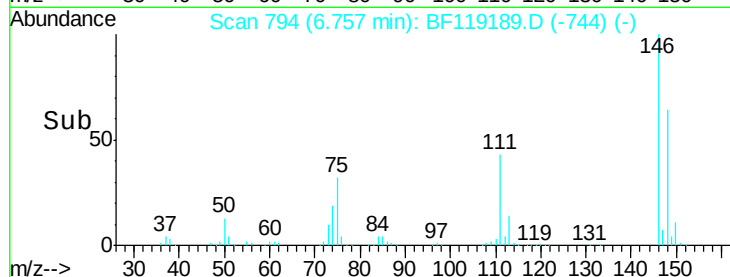
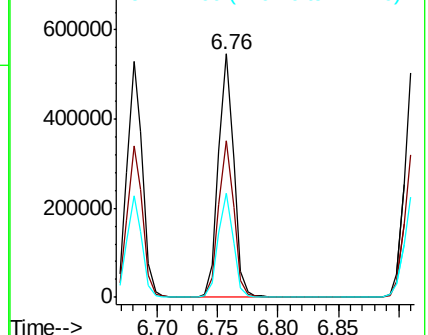
146 100

148 64.3 51.1 76.7

111 42.7 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: 46.762 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

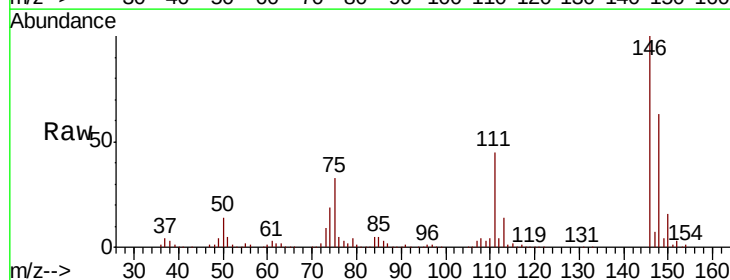
Tgt Ion:146 Resp: 442707

Ion Ratio Lower Upper

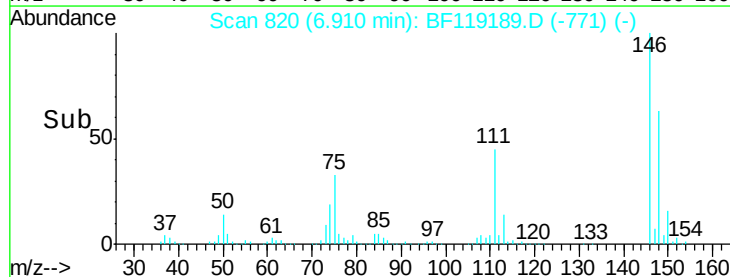
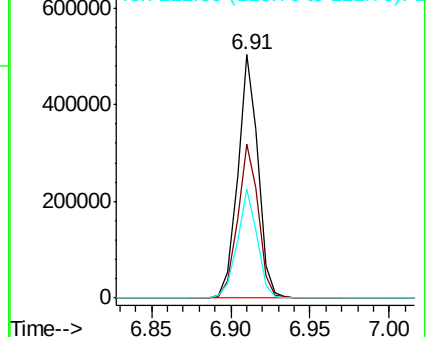
146 100

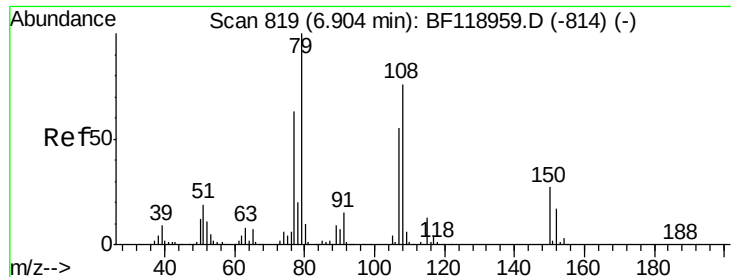
148 63.5 51.9 77.9

111 44.7 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: 51.327 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

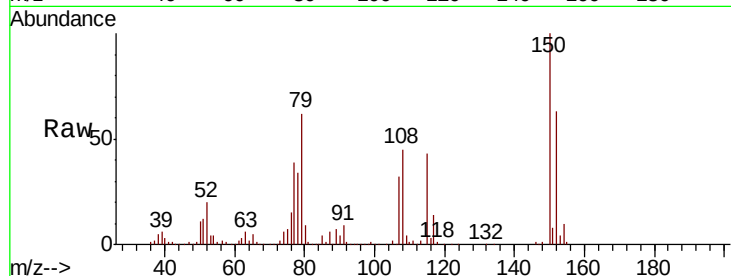
Tot Ion: 79 Resp: 361819

Ion Ratio Lower Upper

79 100

108 73.4 58.2 87.2

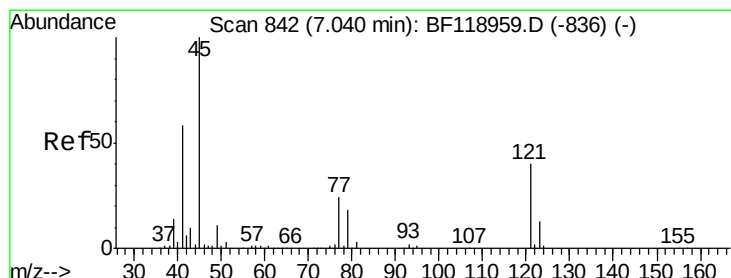
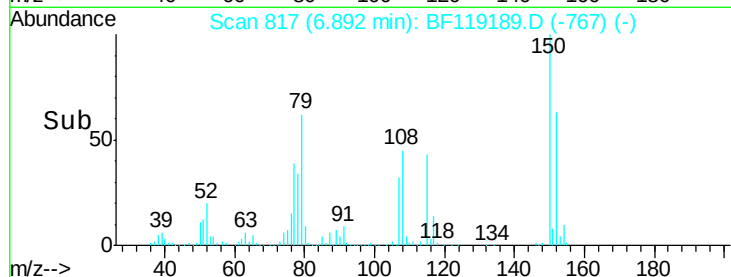
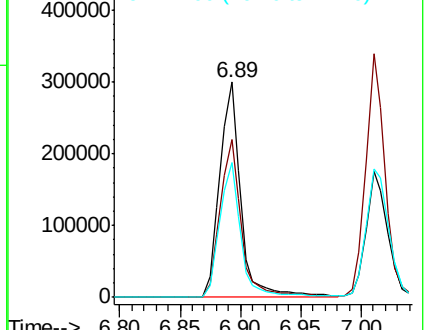
77 62.8 51.2 76.8



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: 45.113 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

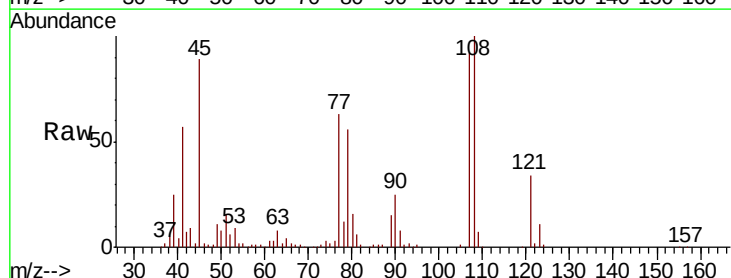
Tgt Ion: 45 Resp: 315319

Ion Ratio Lower Upper

45 100

77 71.1 15.0 55.0#

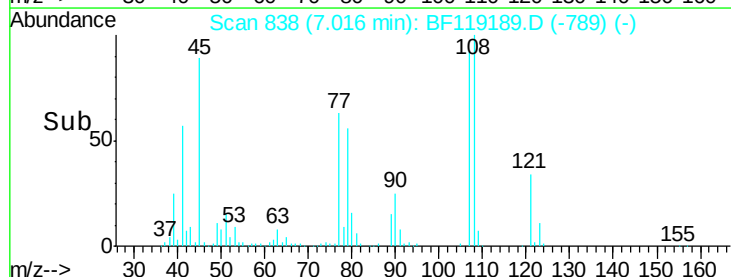
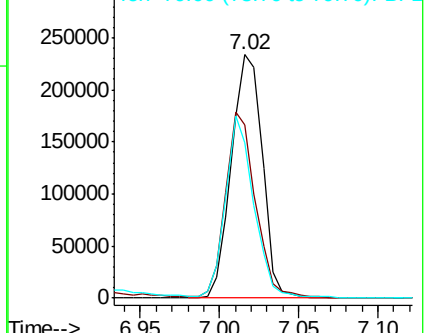
79 63.7 9.4 49.4#

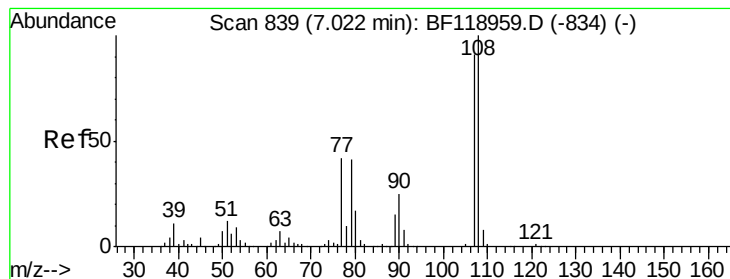


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 48.994 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 343794

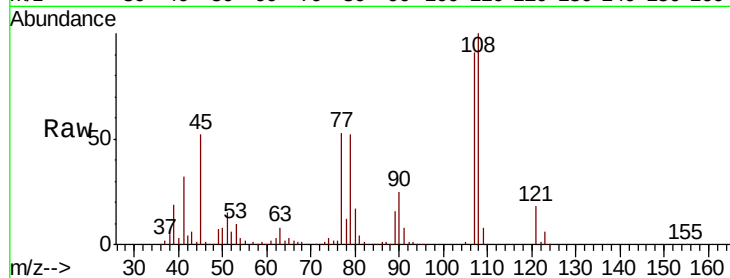
Ion Ratio Lower Upper

107 100

108 109.7 87.9 131.9

77 57.8 45.3 67.9

79 56.7 43.0 64.4

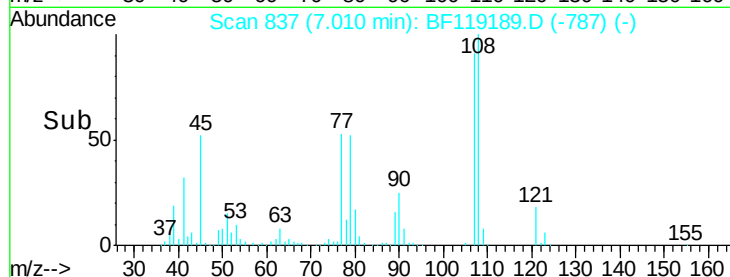


Abundance Ion 107.00 (106.70 to 107.70): E

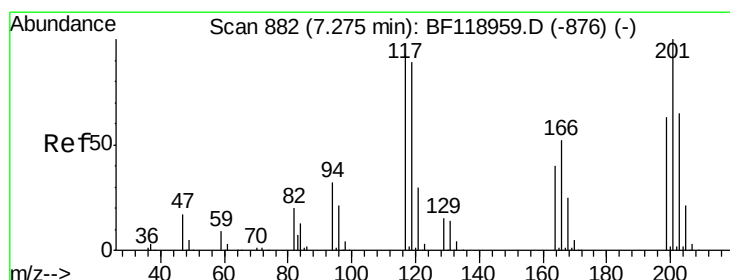
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 45.911 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

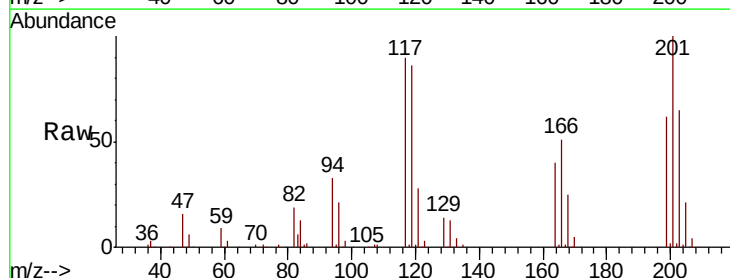
Tgt Ion:117 Resp: 170507

Ion Ratio Lower Upper

117 100

119 95.4 77.5 116.3

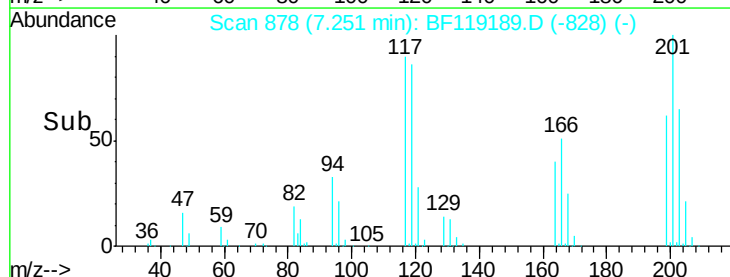
201 111.1 82.6 123.8



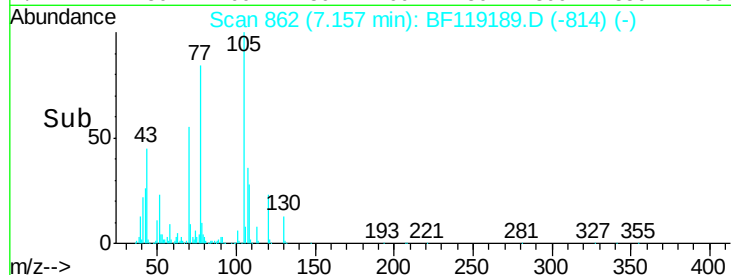
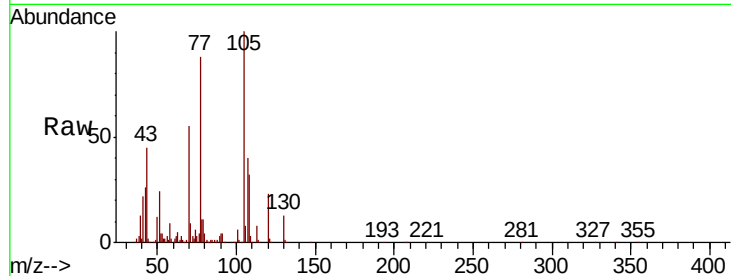
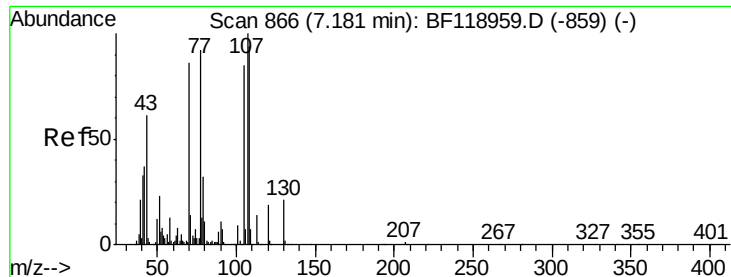
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



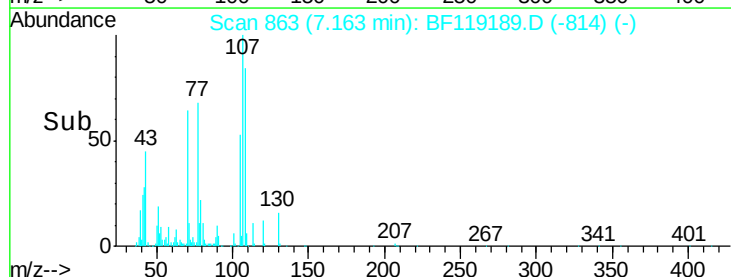
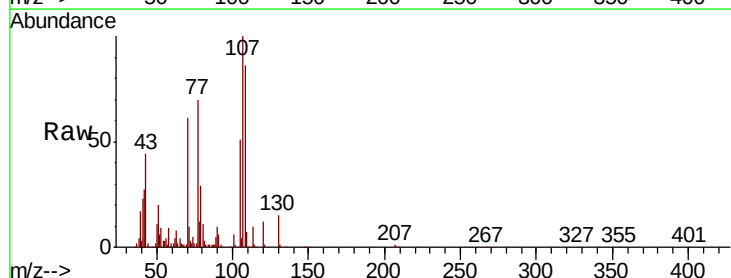
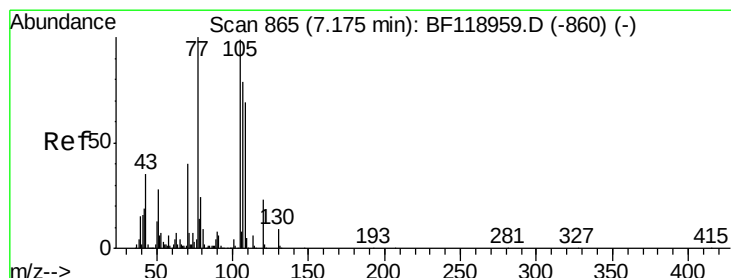
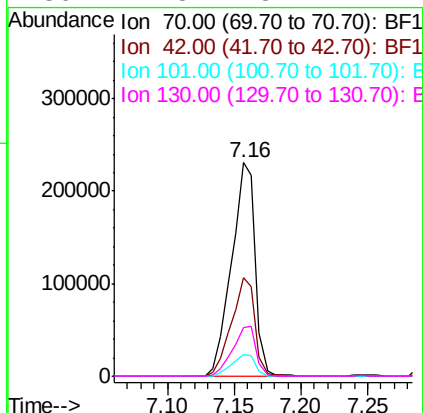
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 50.619 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

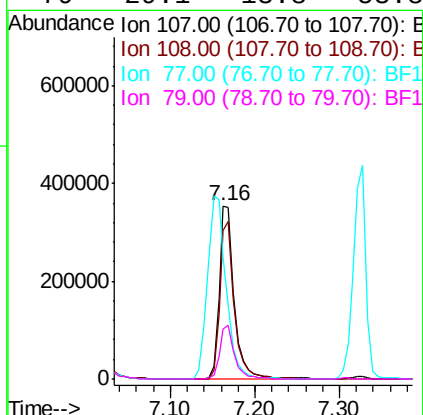
Instrument :
BNA_F
ClientSampleId :

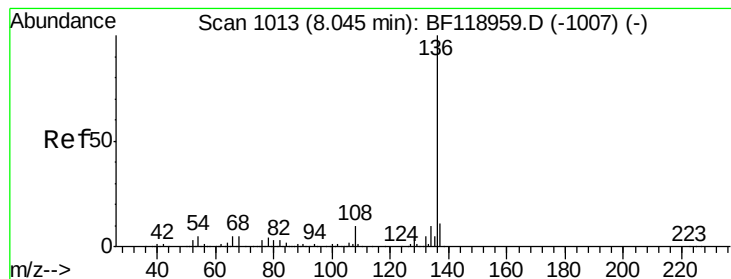
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.3	38.0	57.0
101	10.4	8.2	12.4
130	22.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 50.900 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	71.5	111.5
77	70.3	45.9	85.9
79	29.1	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 517160

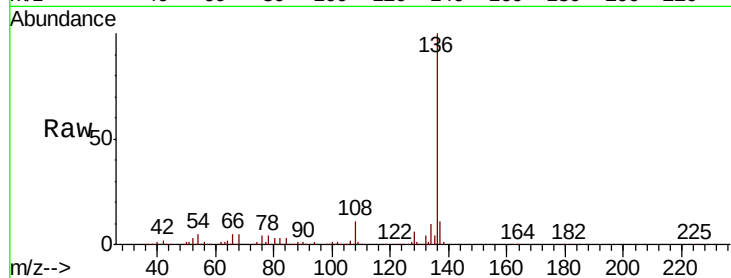
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 4.8 3.8 5.6

68 5.0 3.9 5.9

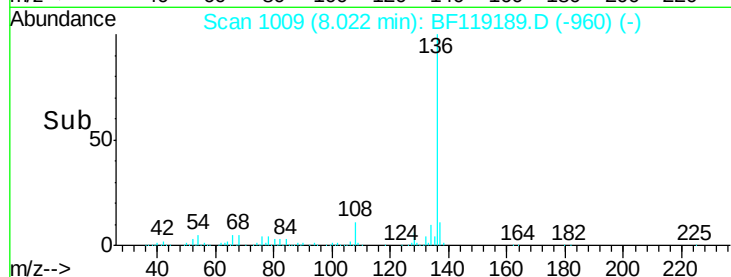


Abundance Ion 136.00 (135.70 to 136.70): E

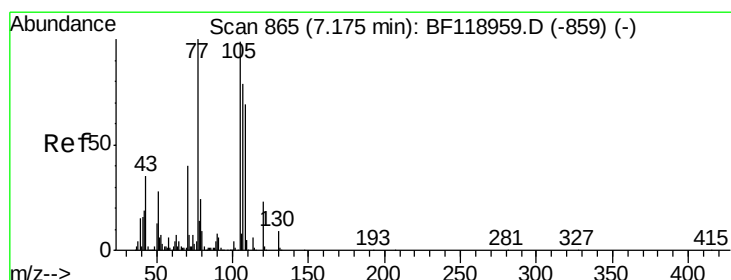
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 47.863 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Tgt Ion:105 Resp: 572715

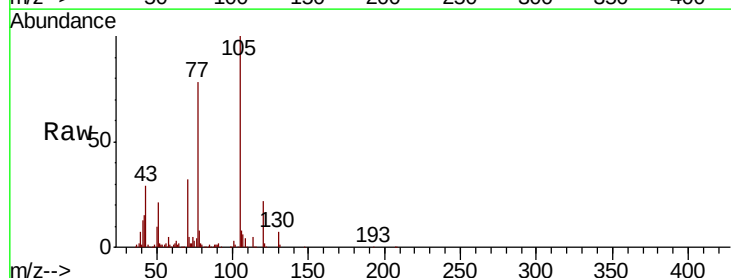
Ion Ratio Lower Upper

105 100

71 5.3 3.0 4.4#

51 20.8 20.1 30.1

120 22.3 18.0 27.0

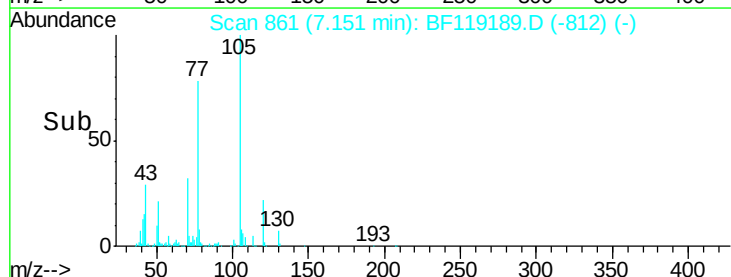


Abundance Ion 105.00 (104.70 to 105.70): E

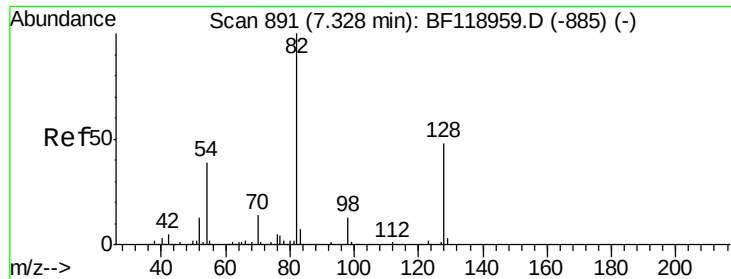
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



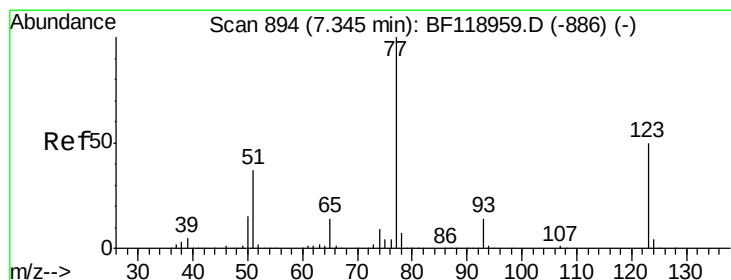
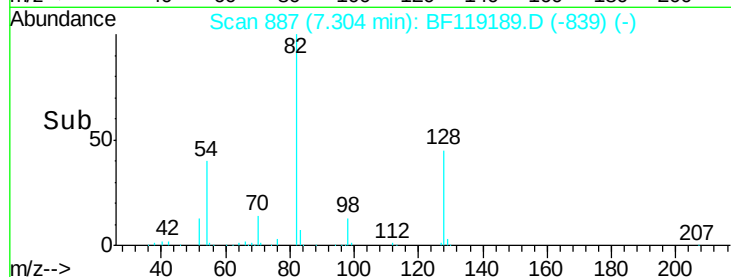
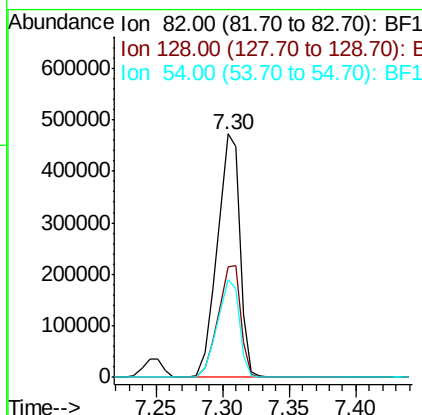
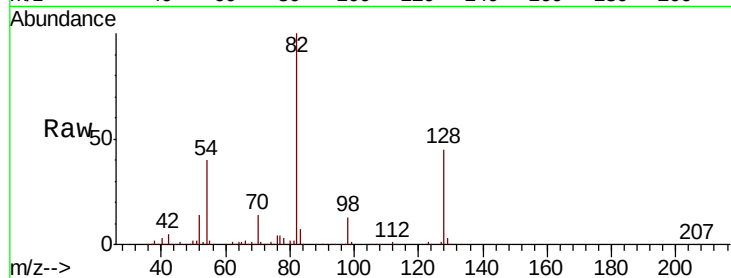
Time-->



#23
 Nitrobenzene-d5
 Concen: 57.976 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

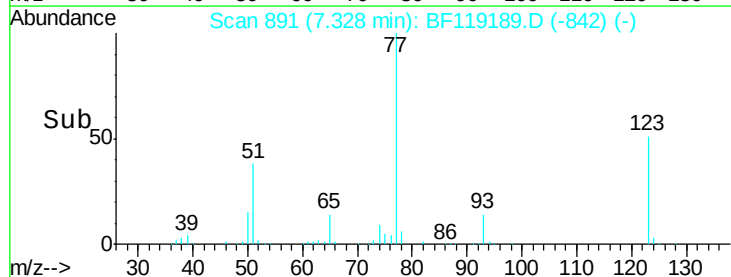
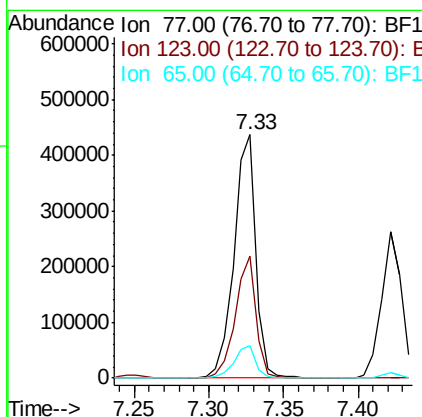
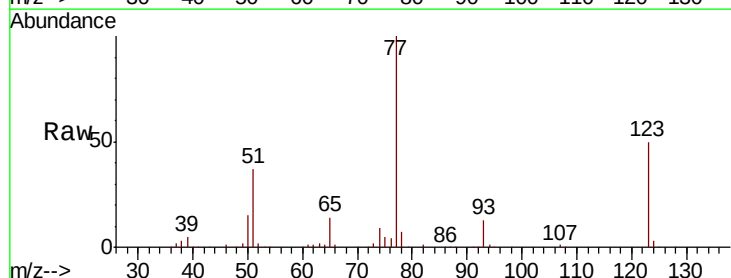
Instrument :
 BNA_F
 ClientSampleId :

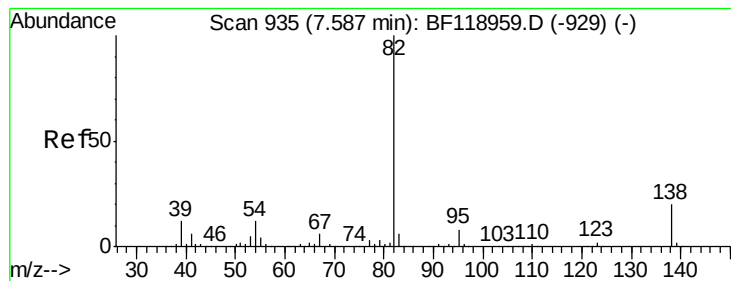
Tot Ion	82	Resp	567857
Ion Ratio	Lower	Upper	
82	100		
128	45.2	37.9	56.9
54	40.3	33.4	50.2



#24
 Nitrobenzene
 Concen: 46.013 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Tgt Ion	77	Resp	445684
Ion Ratio	Lower	Upper	
77	100		
123	50.0	40.2	60.2
65	13.5	10.8	16.2





#25

Isophorone

Concen: 47.230 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

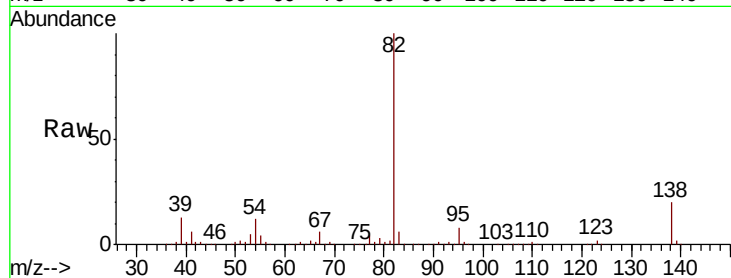
Tot Ion: 82 Resp: 803412

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

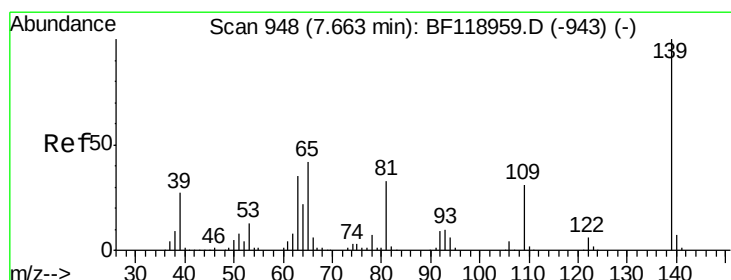
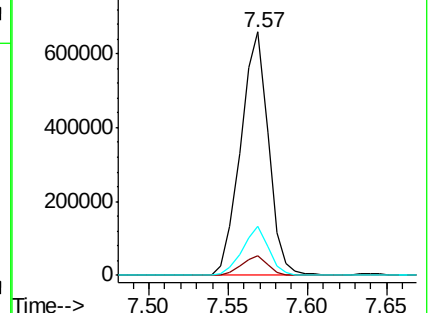
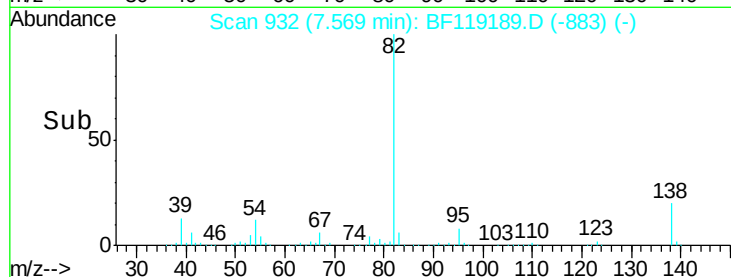
138 19.9 15.7 23.5



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: 47.026 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

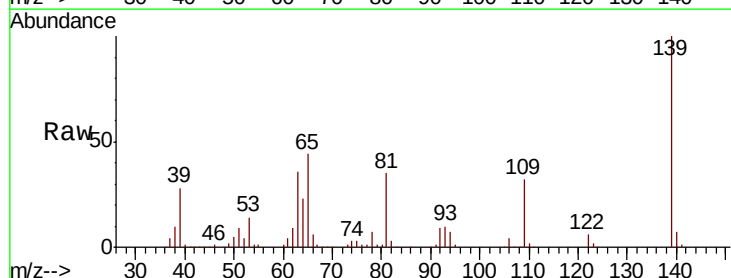
Tgt Ion: 139 Resp: 241342

Ion Ratio Lower Upper

139 100

109 32.3 25.7 38.5

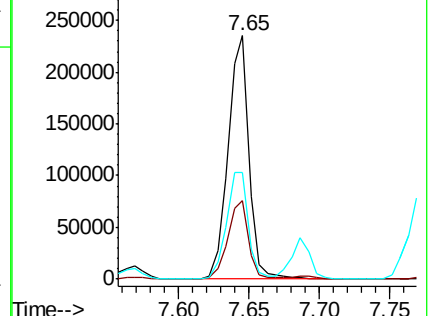
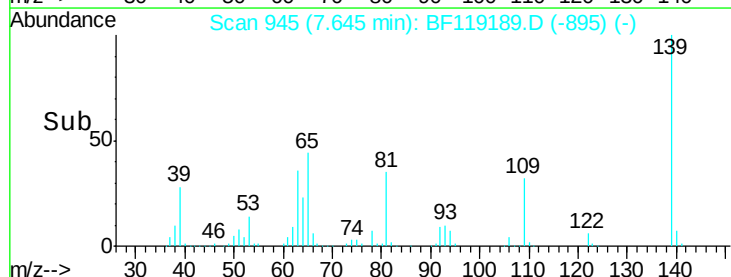
65 43.9 37.1 55.7

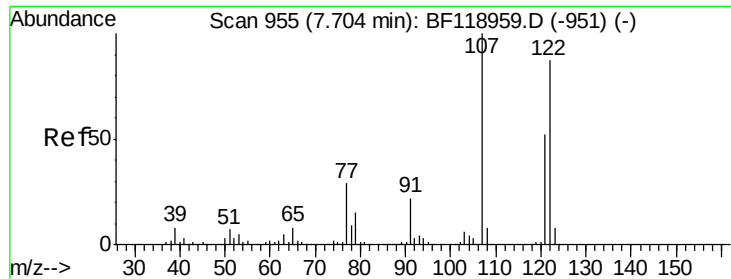


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

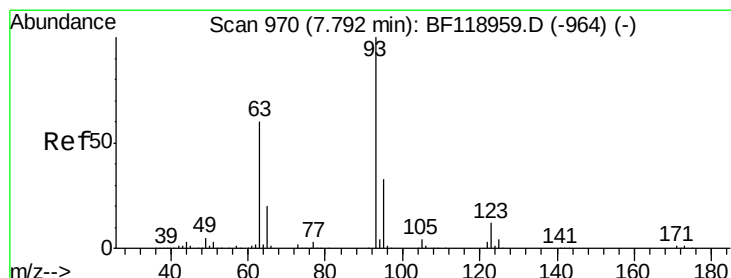
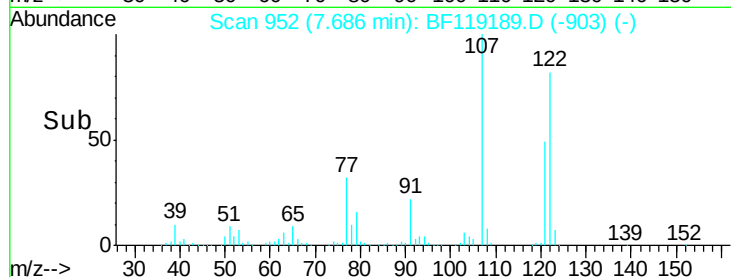
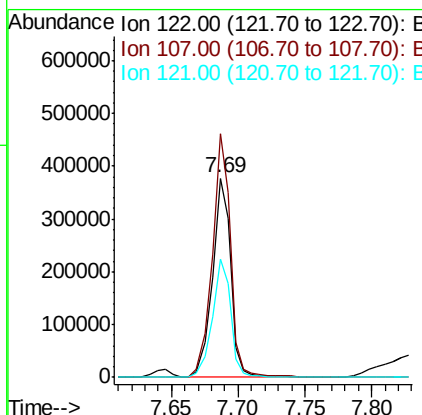
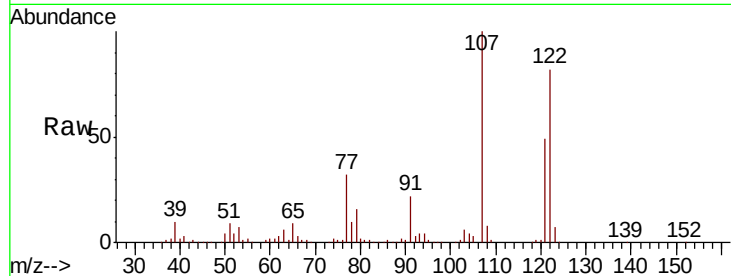




#27
2,4-Dimethylphenol
Concen: 52.376 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

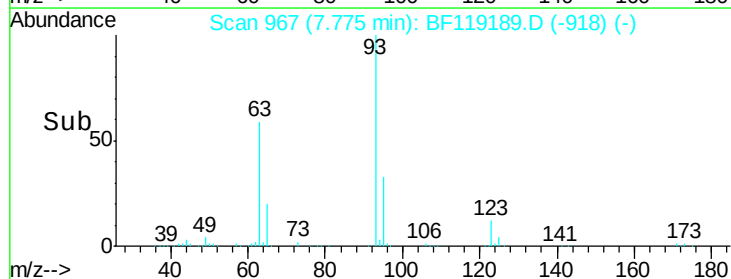
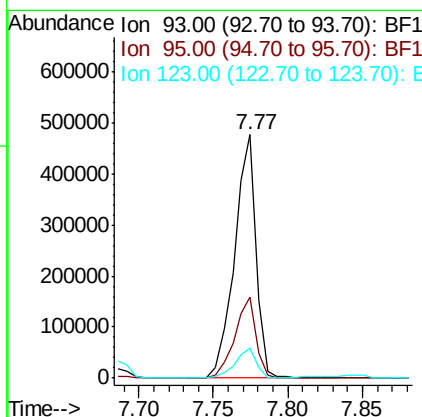
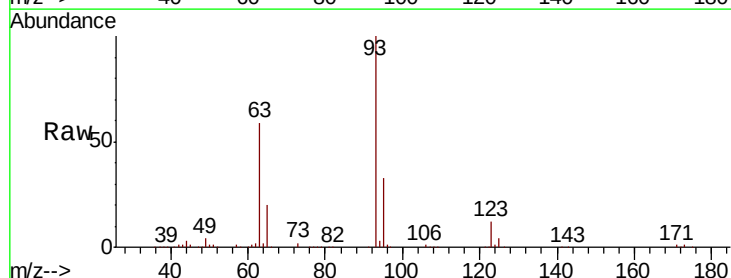
Instrument :
BNA_F
ClientSampleId :

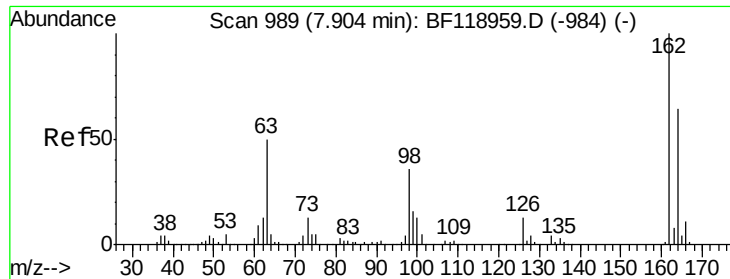
Tot Ion:122 Resp: 364808
Ion Ratio Lower Upper
122 100
107 122.3 93.8 140.6
121 59.3 48.2 72.2



#28
bis(2-Chloroethoxy)methane
Concen: 43.704 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion: 93 Resp: 483897
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 12.3 10.2 15.2

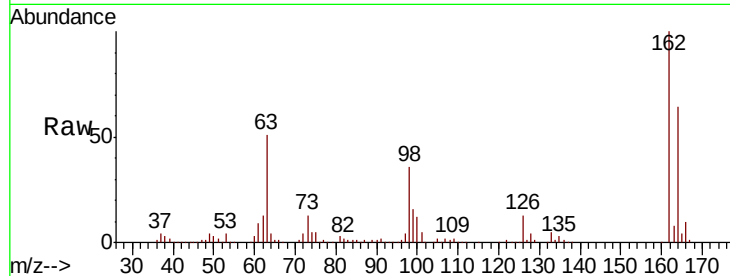




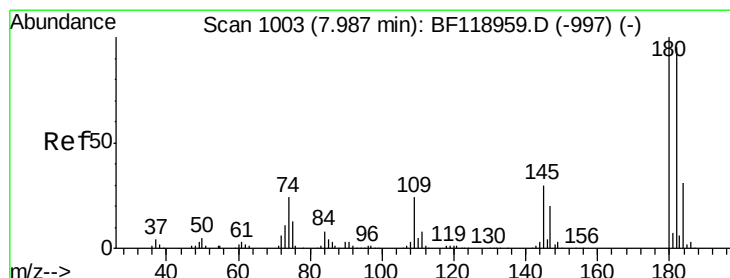
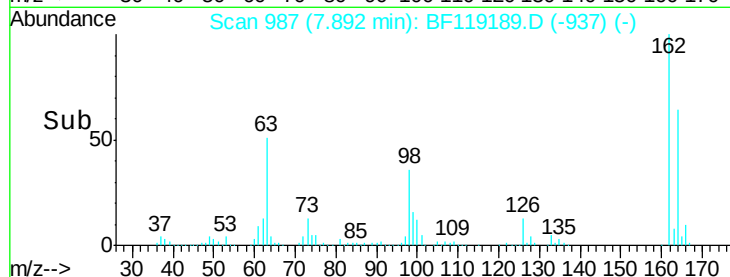
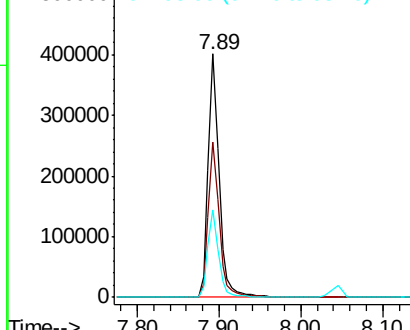
#29
2,4-Dichlorophenol
Concen: 45.644 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 374268
Ion Ratio Lower Upper
162 100
164 63.9 45.2 85.2
98 36.1 17.4 57.4

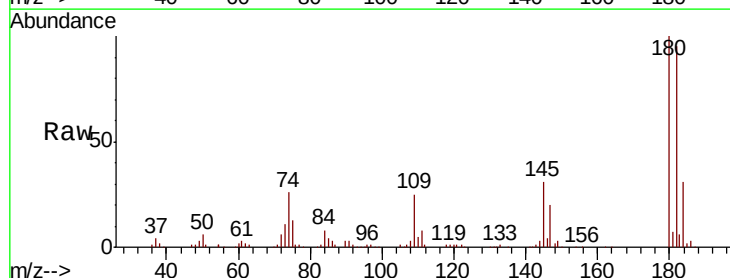


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

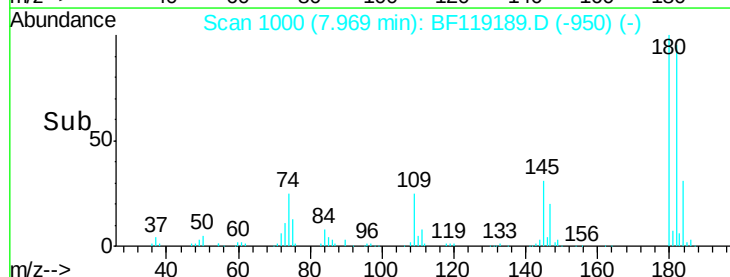
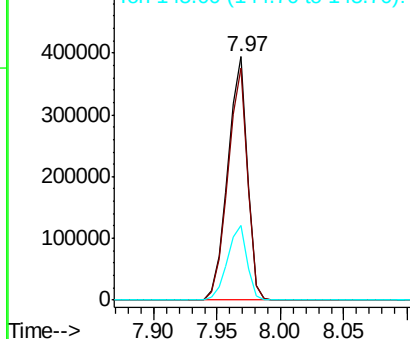


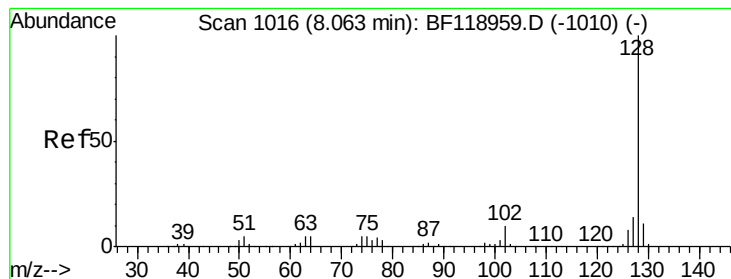
#30
1,2,4-Trichlorobenzene
Concen: 43.026 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion:180 Resp: 418290
Ion Ratio Lower Upper
180 100
182 95.4 77.8 116.6
145 30.7 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: 45.942 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

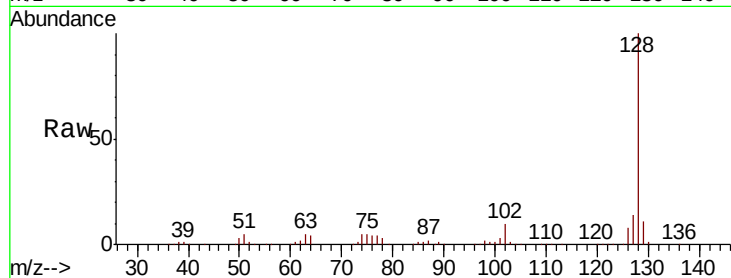
Tot Ion:128 Resp: 1232200

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

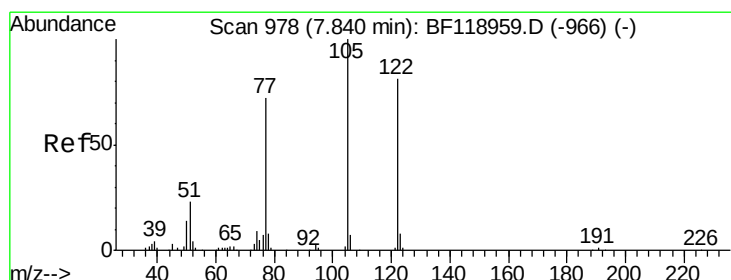
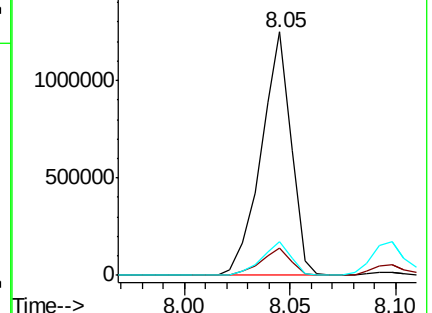
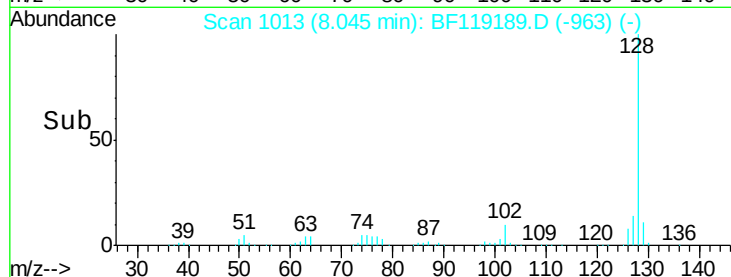
127 13.6 11.4 17.2



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: 36.944 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

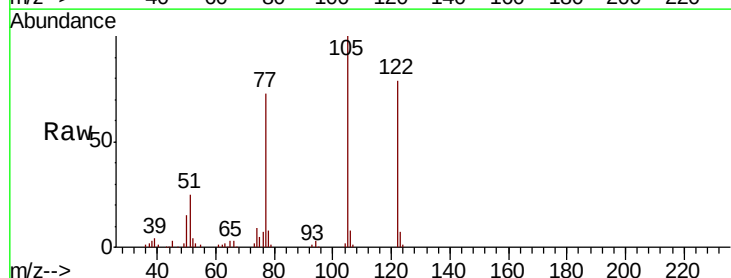
Tgt Ion:122 Resp: 178677

Ion Ratio Lower Upper

122 100

105 126.4 106.3 146.3

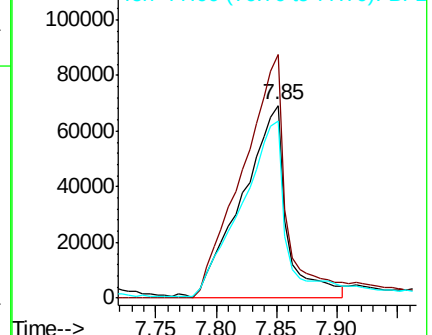
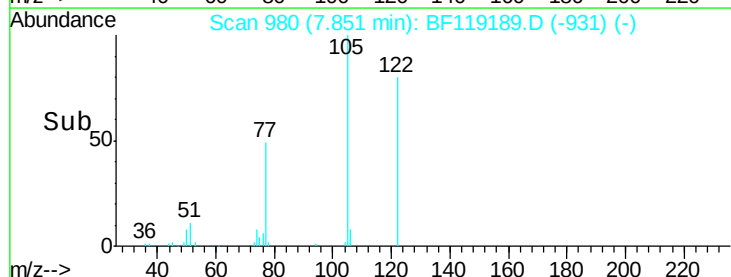
77 92.1 73.1 113.1

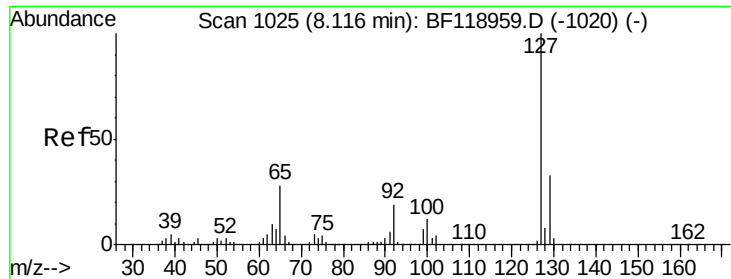


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

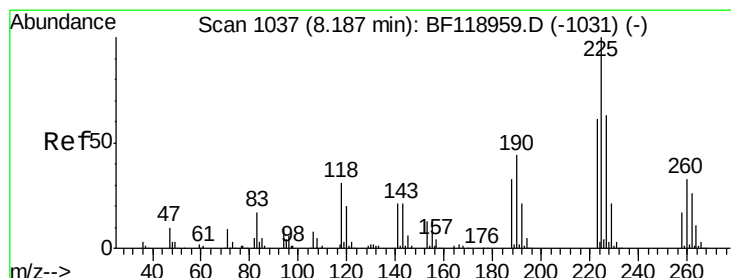
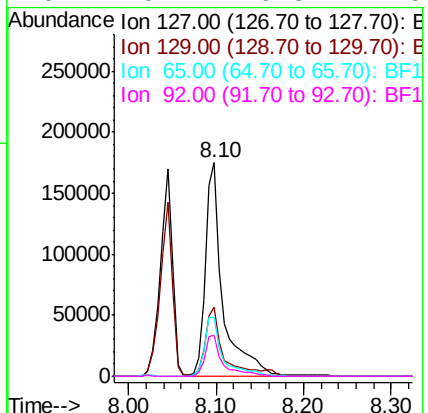
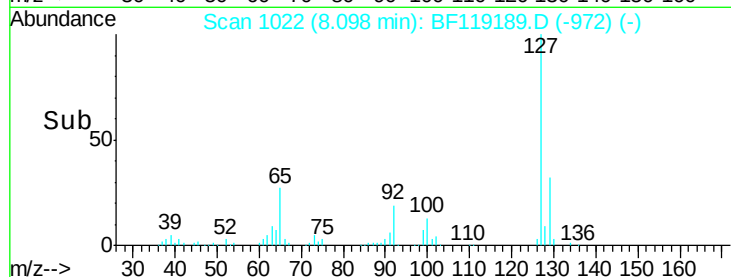
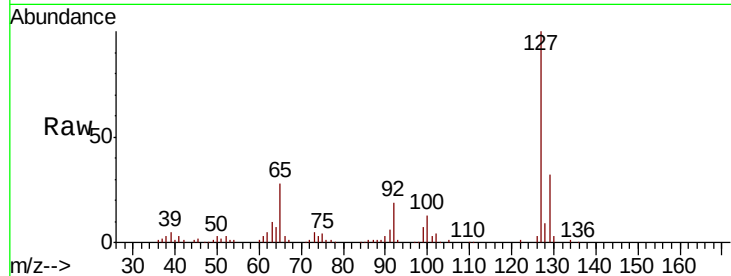




#33
4-Chloroaniline
Concen: 21.088 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

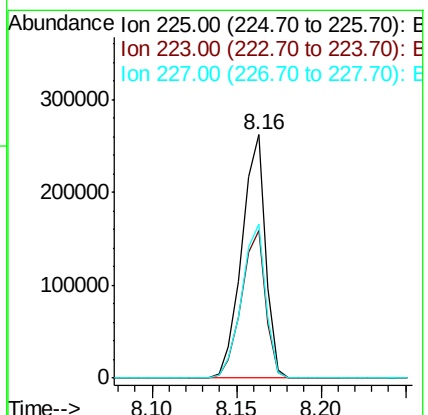
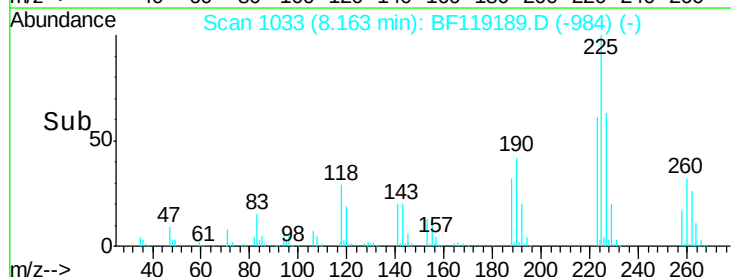
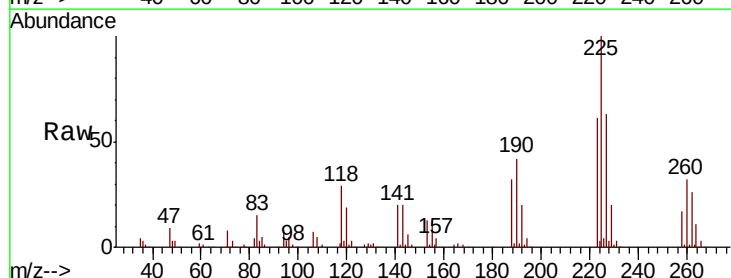
Instrument :
BNA_F
ClientSampleId :

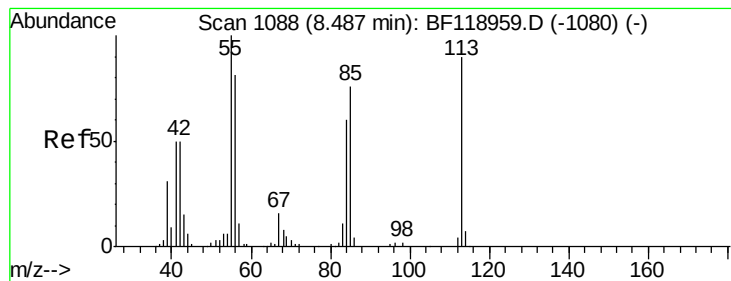
Tot Ion:	127	Resp:	243262
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	27.7	23.9	35.9
92	19.1	16.3	24.5



#34
Hexachlorobutadiene
Concen: 42.498 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion:	225	Resp:	257359
Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.4	74.2
227	63.1	52.9	79.3





#35

Caprolactam

Concen: 27.857 ng

RT: 8.48 min Scan# 1087

Delta R.T. -0.02 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

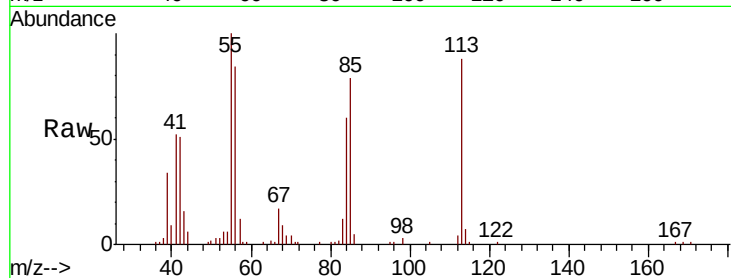
Tot Ion:113 Resp: 70334

Ion Ratio Lower Upper

113 100

55 113.7 95.7 135.7

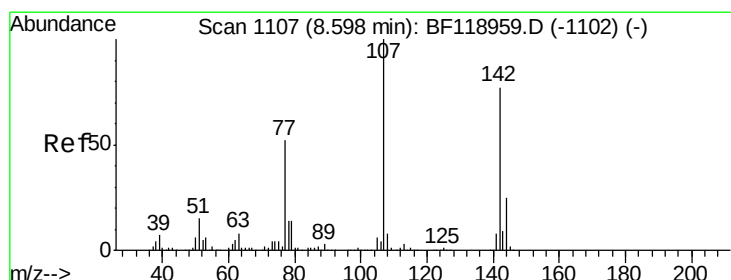
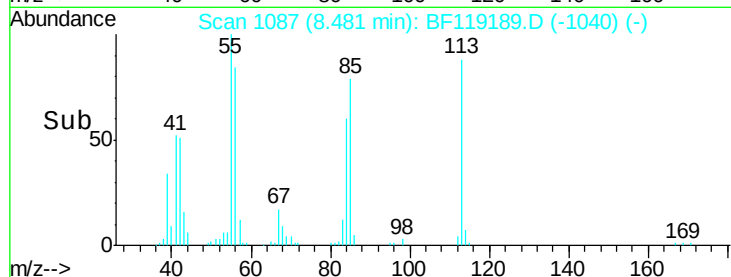
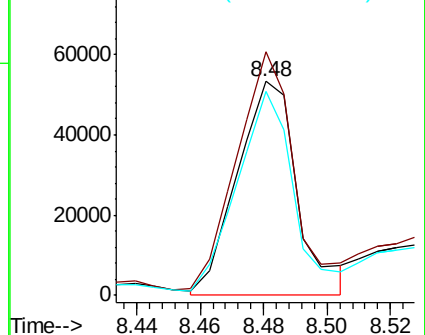
56 95.5 73.1 113.1



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: 47.441 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

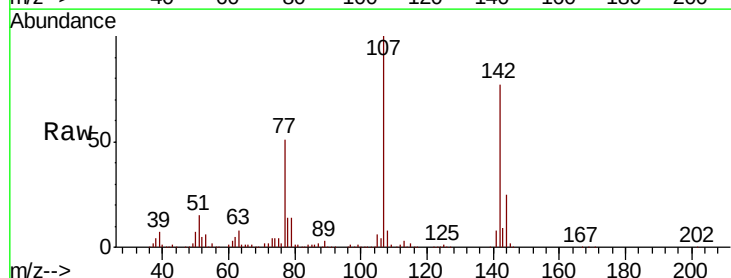
Tgt Ion:107 Resp: 393690

Ion Ratio Lower Upper

107 100

144 24.9 20.1 30.1

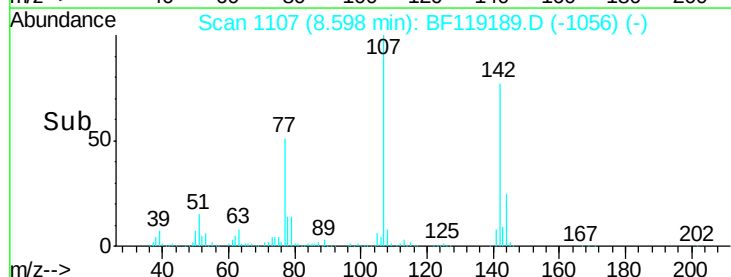
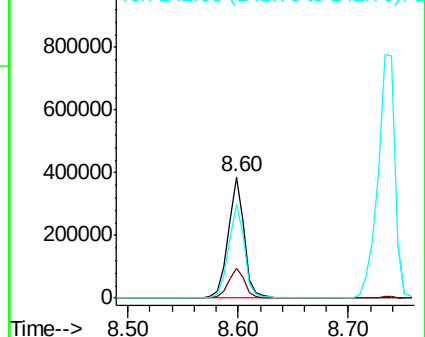
142 77.1 61.4 92.2

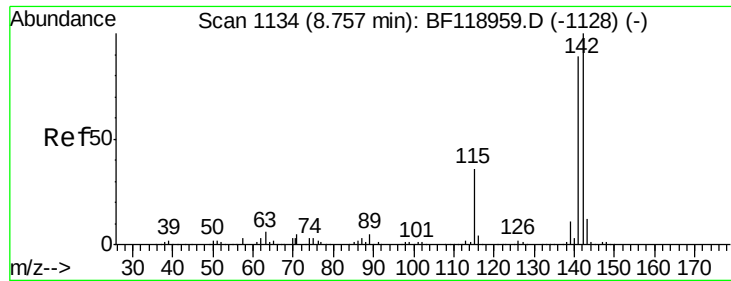


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

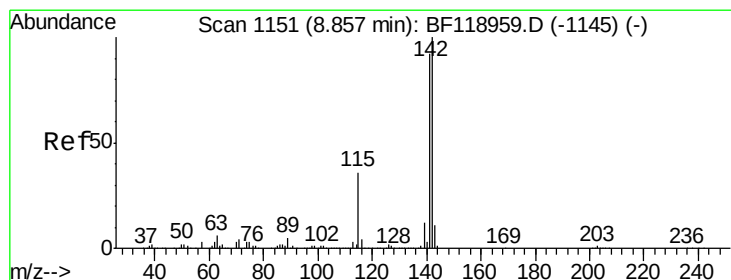
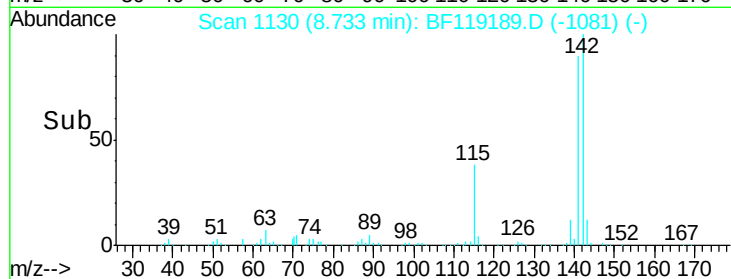
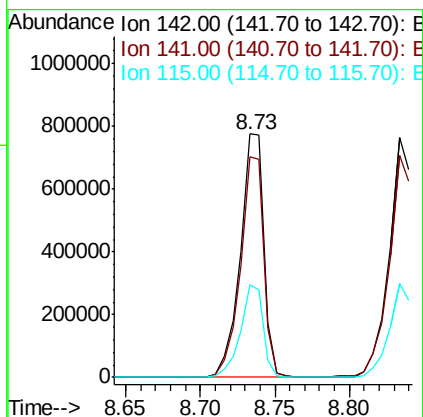
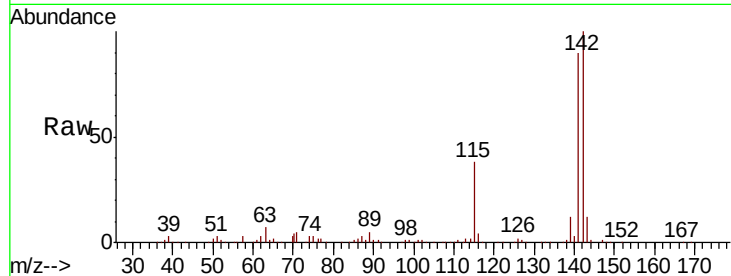




#37
2-Methylnaphthalene
Concen: 46.964 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

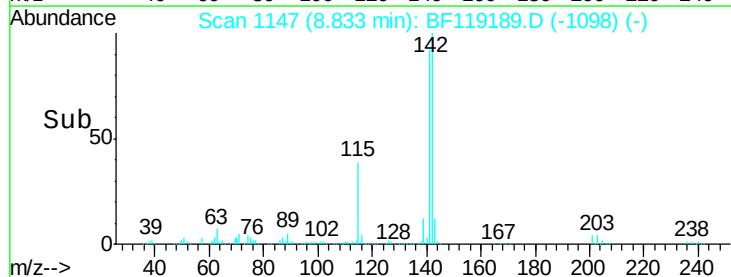
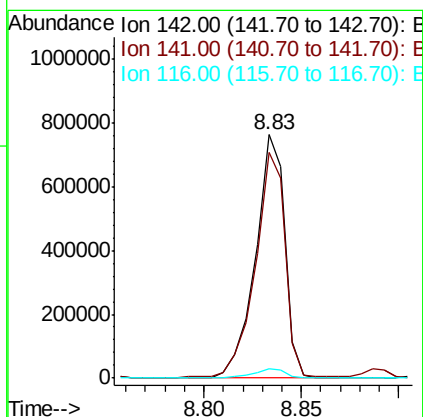
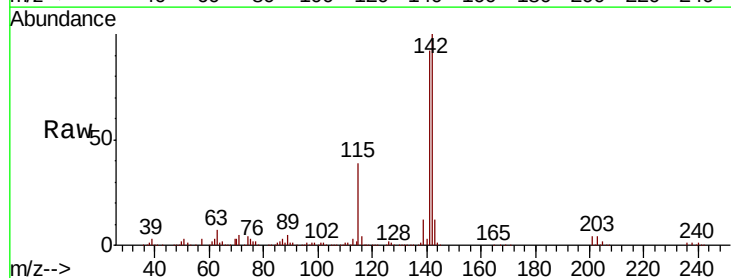
Instrument :
BNA_F
ClientSampleId :

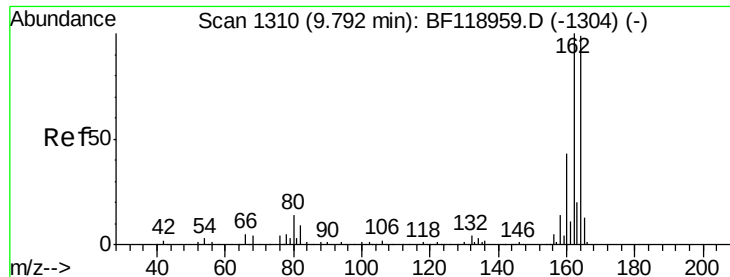
Tot Ion:142 Resp: 847684
Ion Ratio Lower Upper
142 100
141 90.4 72.3 108.5
115 38.0 30.6 45.8



#38
1-Methylnaphthalene
Concen: 46.727 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion:142 Resp: 793189
Ion Ratio Lower Upper
142 100
141 92.5 75.8 113.6
116 4.0 3.1 4.7

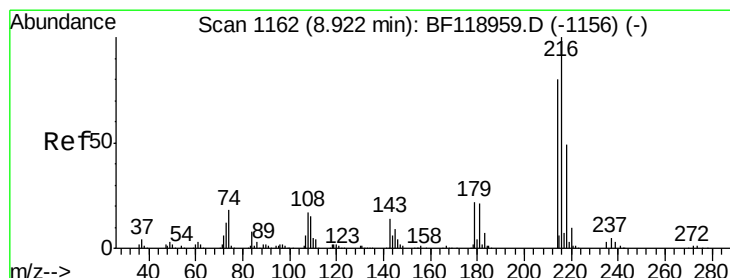
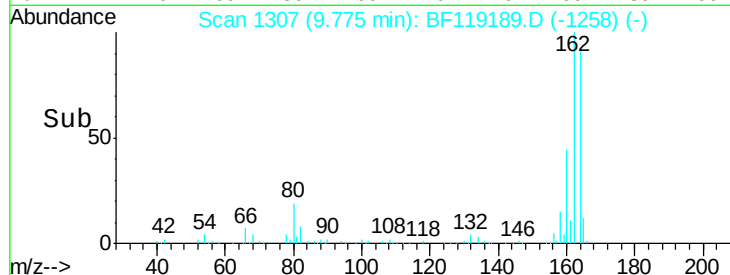
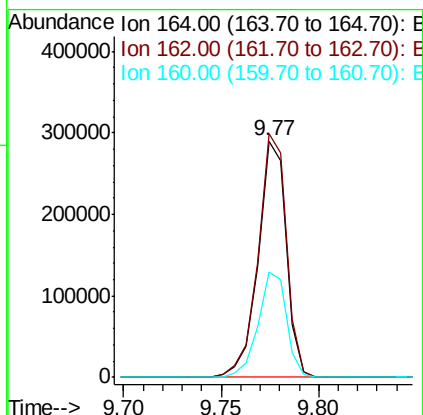
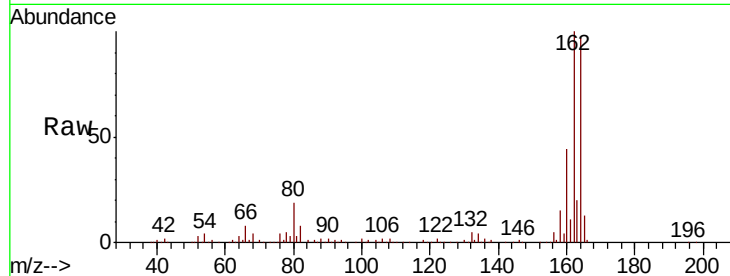




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

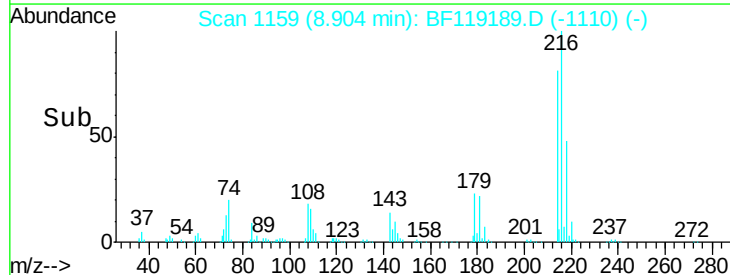
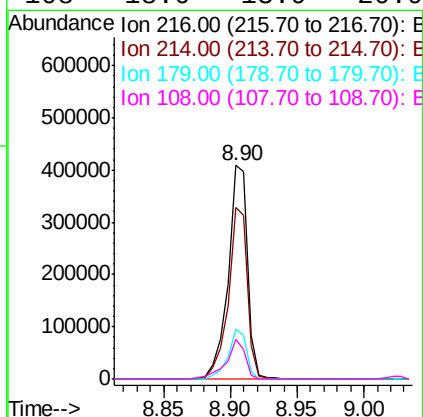
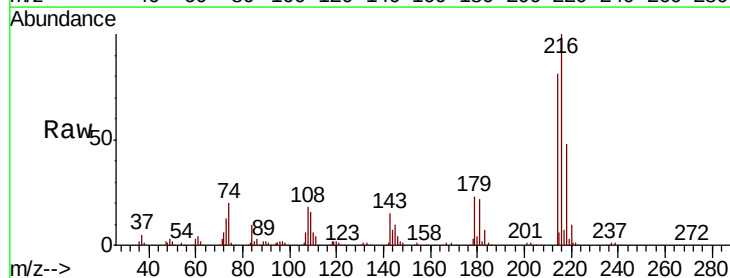
Instrument :
 BNA_F
 ClientSampleId :

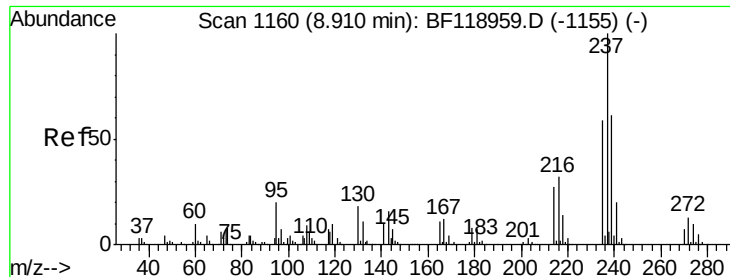
Tot Ion:164 Resp: 289033
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.8 122.8
 160 44.8 36.0 54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.248 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Tgt Ion:216 Resp: 421452
 Ion Ratio Lower Upper
 216 100
 214 79.0 63.3 94.9
 179 21.7 17.7 26.5
 108 18.0 13.9 20.9

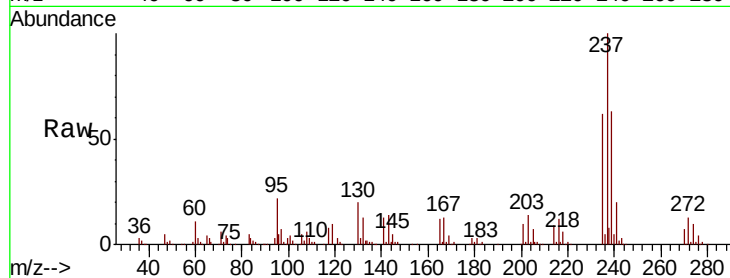




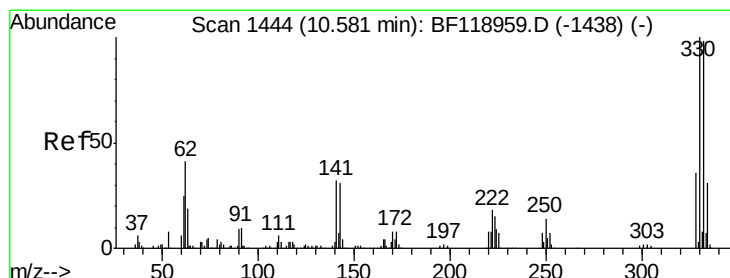
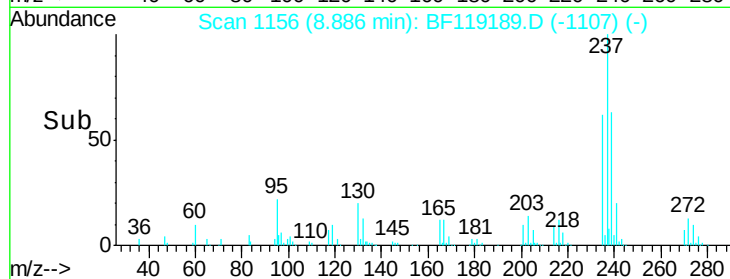
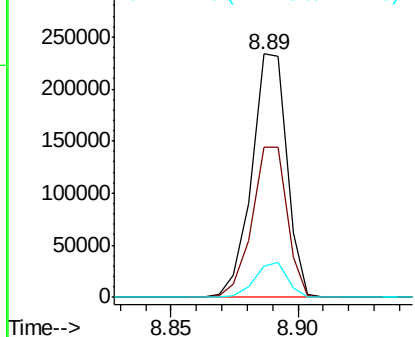
#41
Hexachlorocyclopentadiene
Concen: 66.144 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.6	42.3	82.3
272	12.8	0.0	33.5

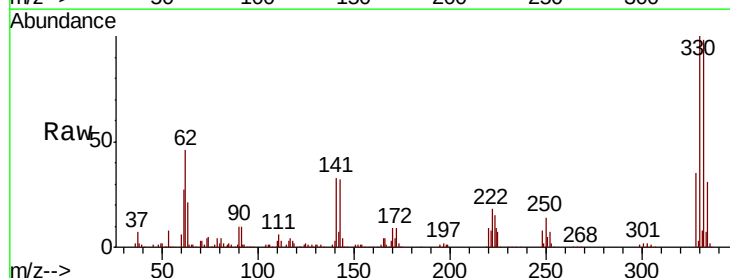


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

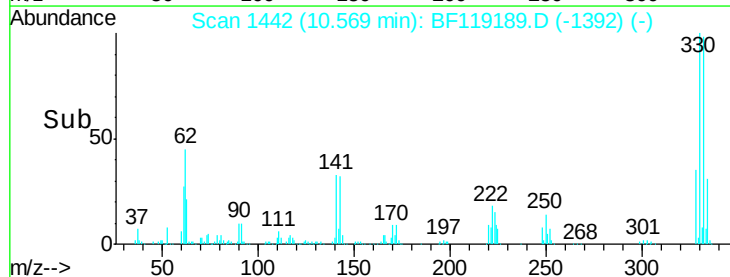
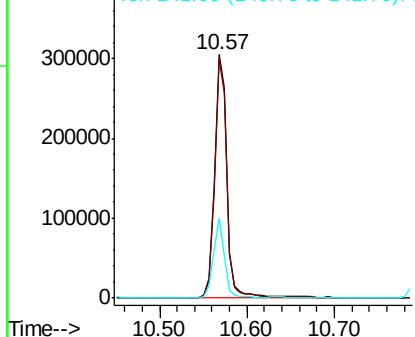


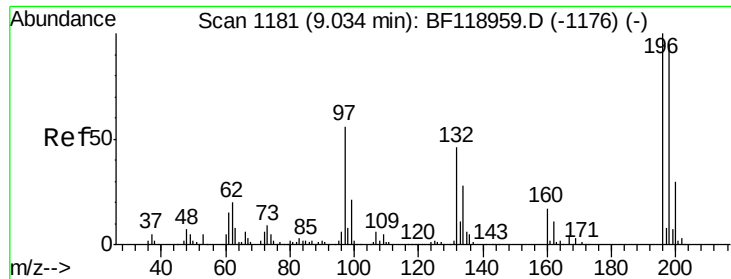
#42
2,4,6-Tribromophenol
Concen: 79.883 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	29.5	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

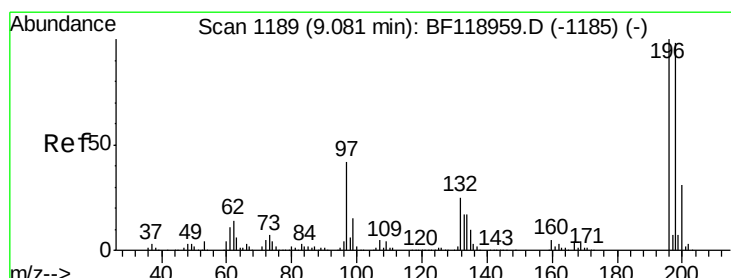
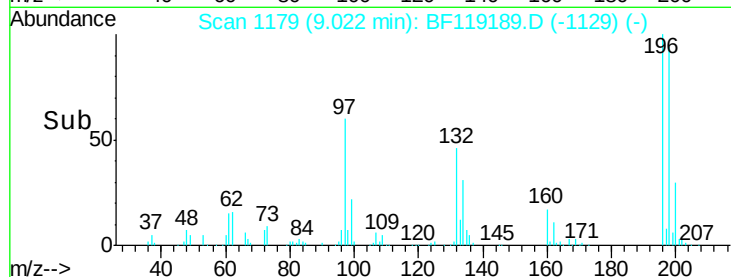
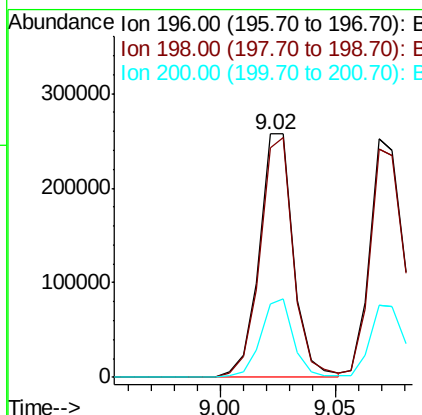
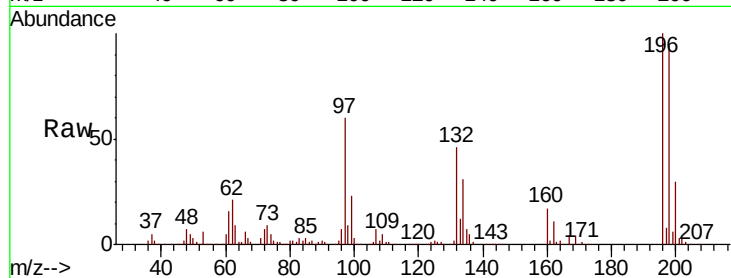




#43
 2,4,6-Trichlorophenol
 Concen: 43.225 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

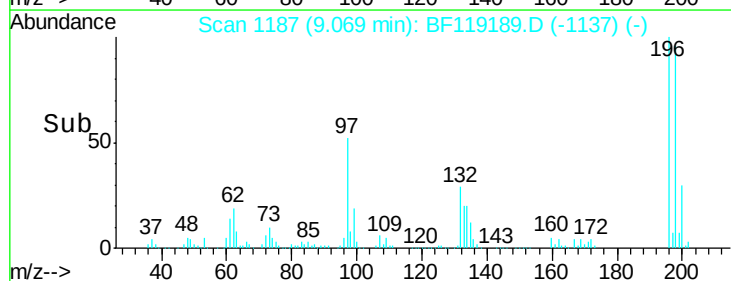
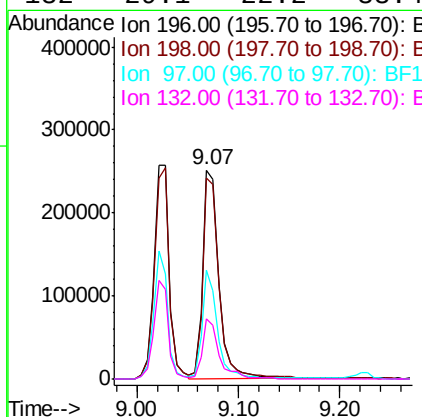
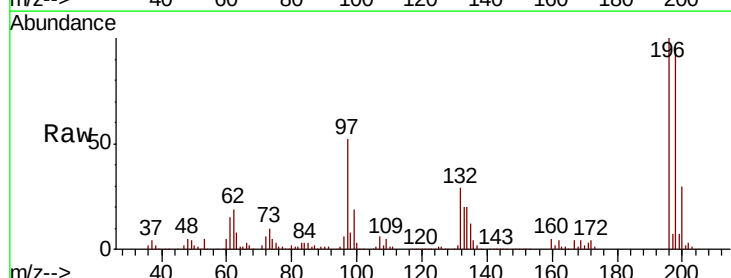
Instrument :
 BNA_F
 ClientSampled :

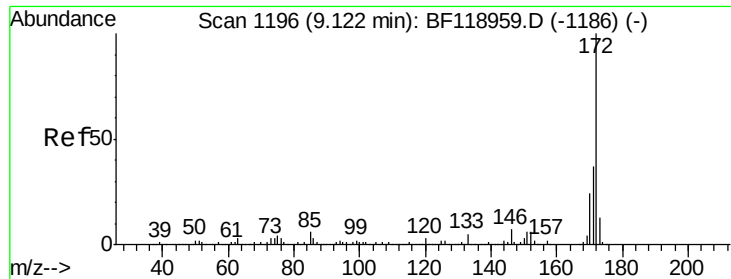
Tot Ion:196 Resp: 266000
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.1 115.7
 200 30.1 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 43.430 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Tgt Ion:196 Resp: 280454
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.8 115.2
 97 52.3 38.5 57.7
 132 29.1 22.2 33.4

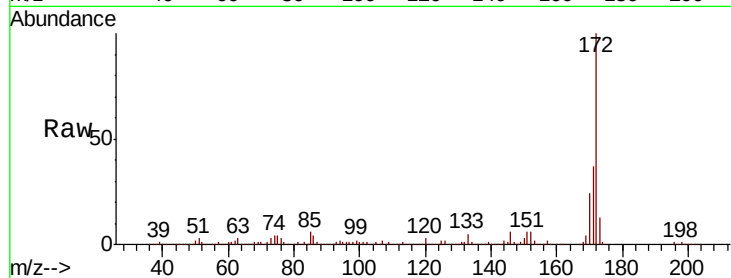




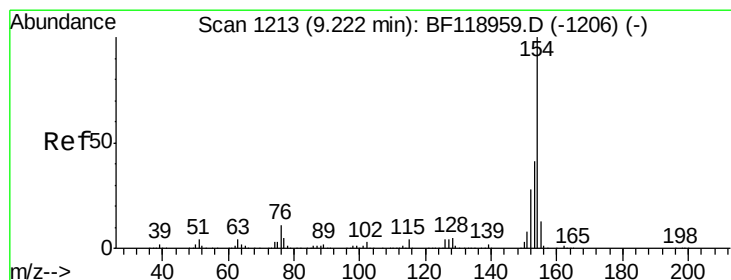
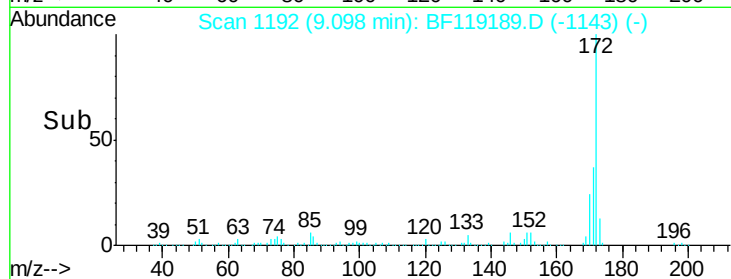
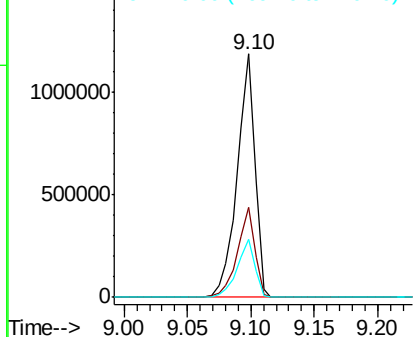
#45
2-Fluorobiphenyl
Concen: 57.970 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1137352
Ion Ratio Lower Upper
172 100
171 36.9 30.6 45.8
170 24.0 20.2 30.2

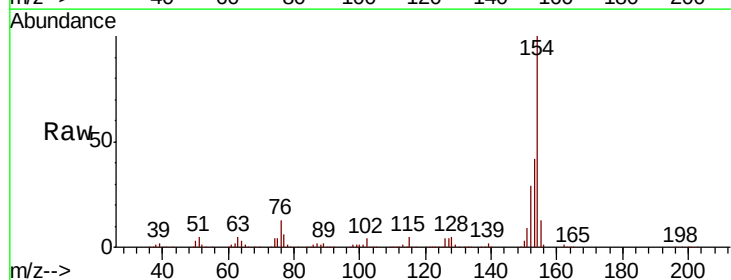


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

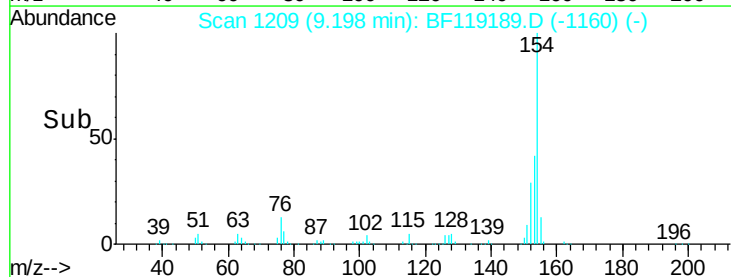
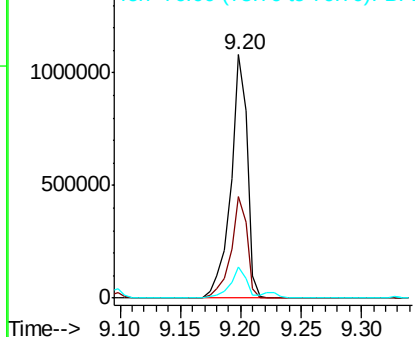


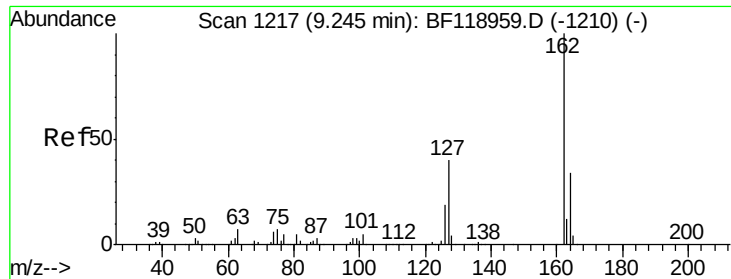
#46
1,1'-Biphenyl
Concen: 43.864 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion:154 Resp: 1024648
Ion Ratio Lower Upper
154 100
153 41.8 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

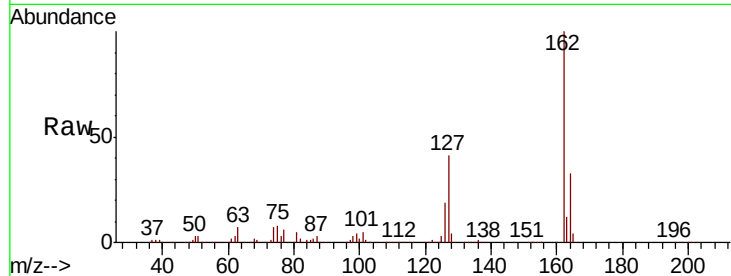




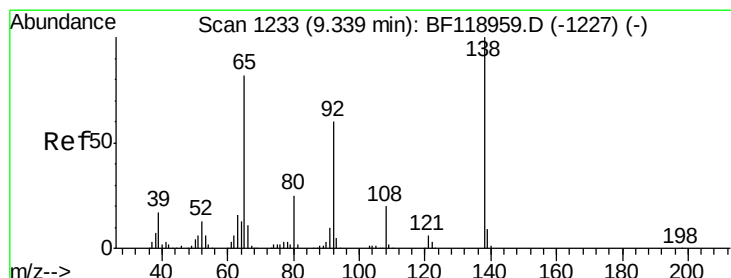
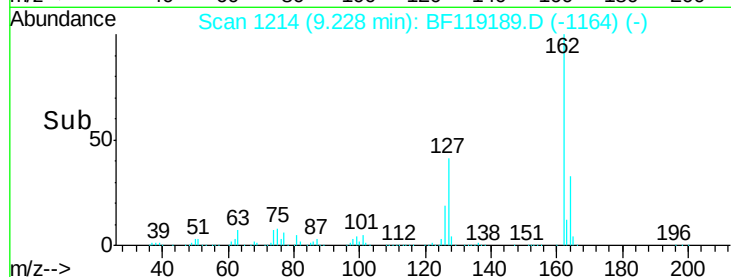
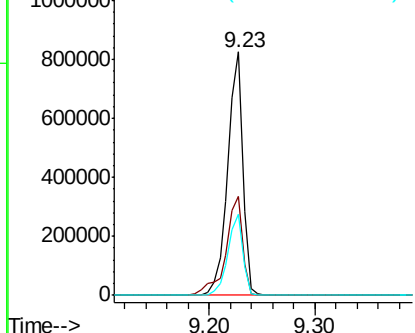
#47
 2-Chloronaphthalene
 Concen: 43.481 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 818504
 Ion Ratio Lower Upper
 162 100
 127 40.9 35.0 52.4
 164 33.1 27.2 40.8

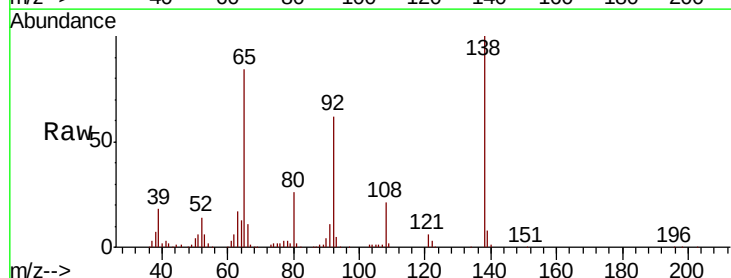


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

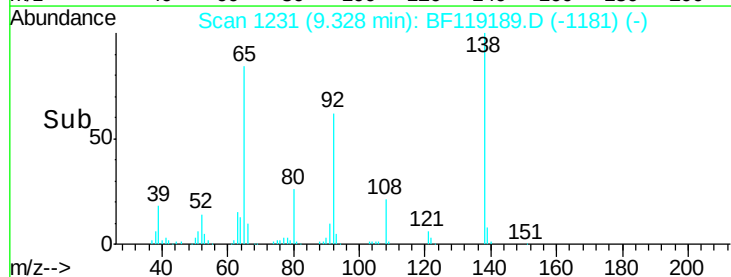
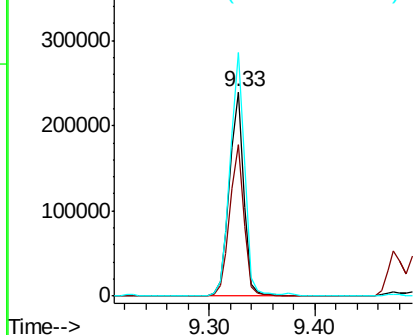


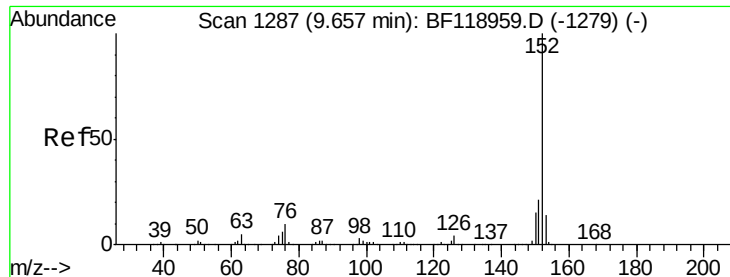
#48
 2-Nitroaniline
 Concen: 43.621 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Tgt Ion: 65 Resp: 229030
 Ion Ratio Lower Upper
 65 100
 92 74.2 58.2 87.2
 138 119.1 95.6 143.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.175 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

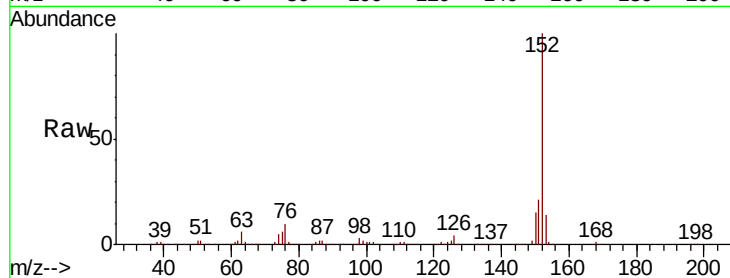
Tot Ion:152 Resp: 1255399

Ion Ratio Lower Upper

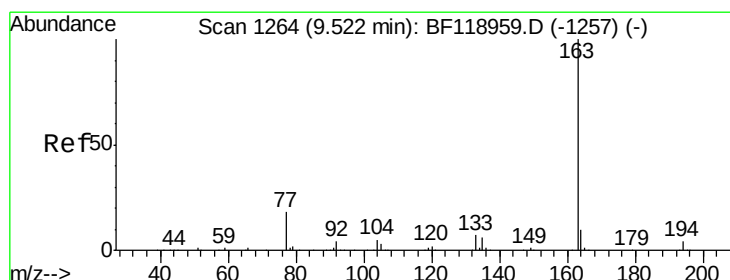
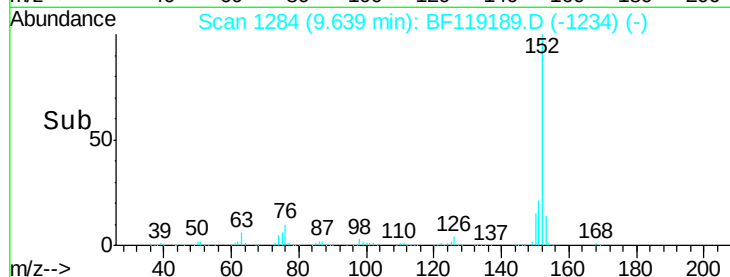
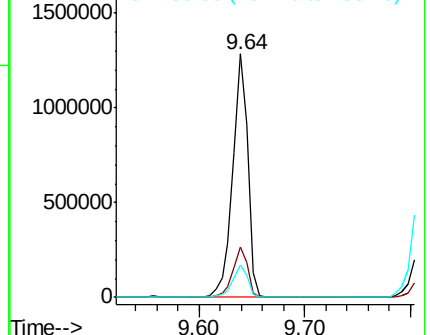
152 100

151 20.5 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: 49.043 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

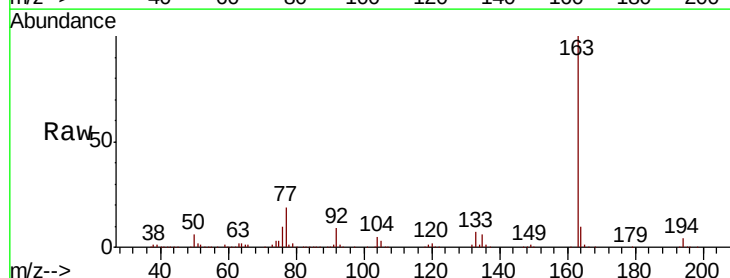
Tgt Ion:163 Resp: 1083943

Ion Ratio Lower Upper

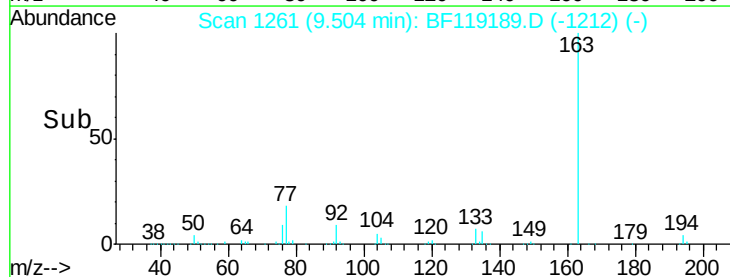
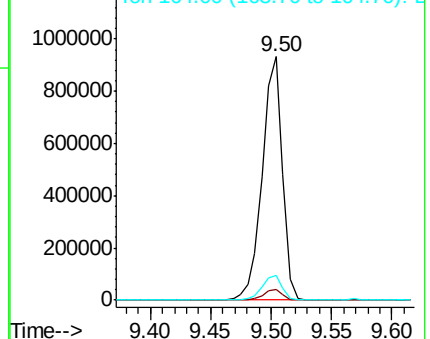
163 100

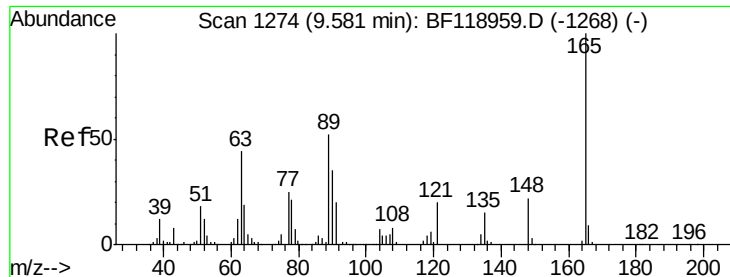
194 4.2 3.5 5.3

164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.431 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

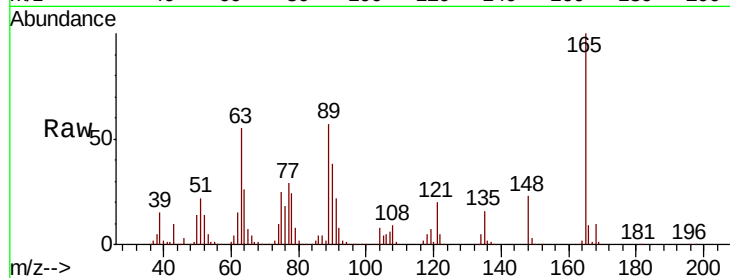
Tot Ion:165 Resp: 223082

Ion Ratio Lower Upper

165 100

63 55.4 34.3 51.5#

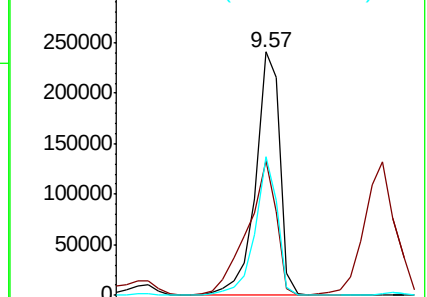
89 56.7 38.3 57.5



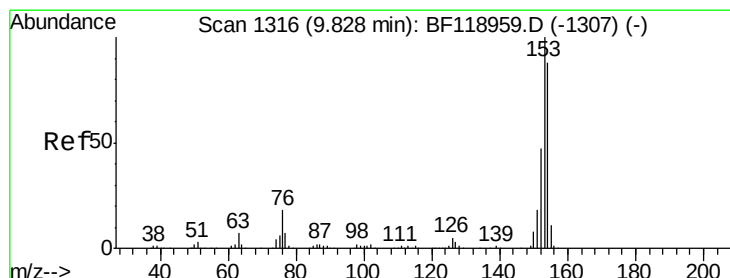
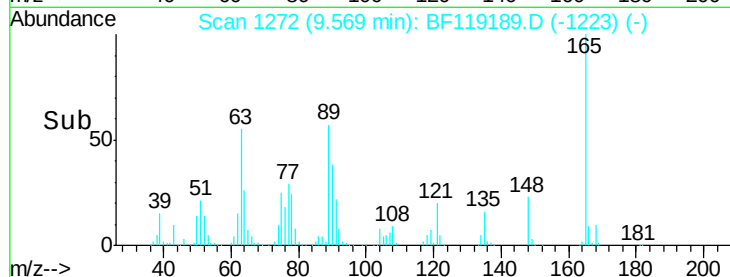
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



Time-->



#52

Acenaphthene

Concen: 44.879 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

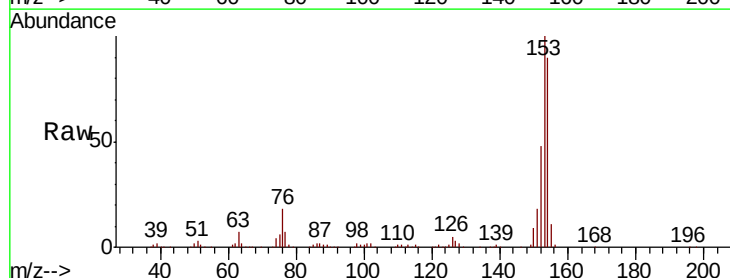
Tgt Ion:154 Resp: 735745

Ion Ratio Lower Upper

154 100

153 111.3 90.3 135.5

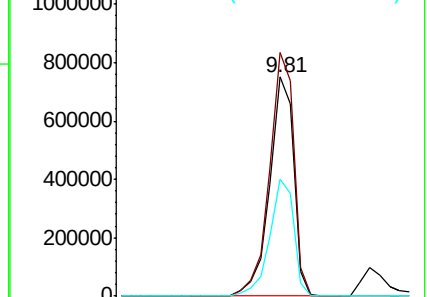
152 53.7 43.8 65.8



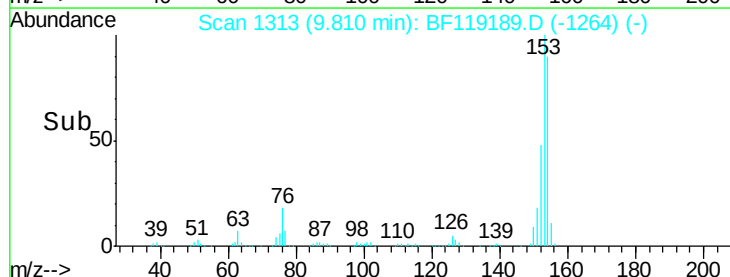
Abundance Ion 154.00 (153.70 to 154.70): E

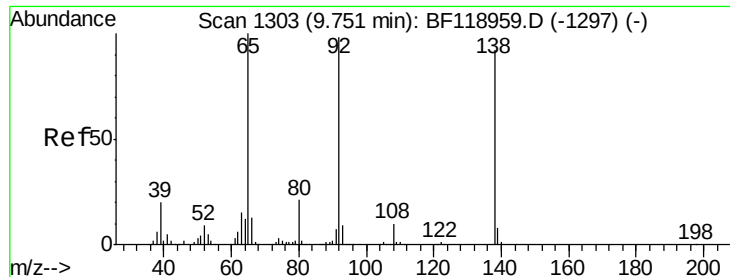
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->

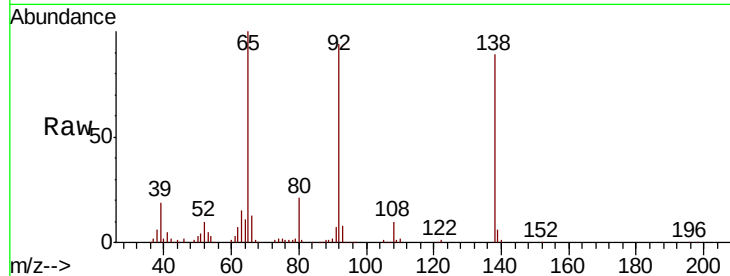




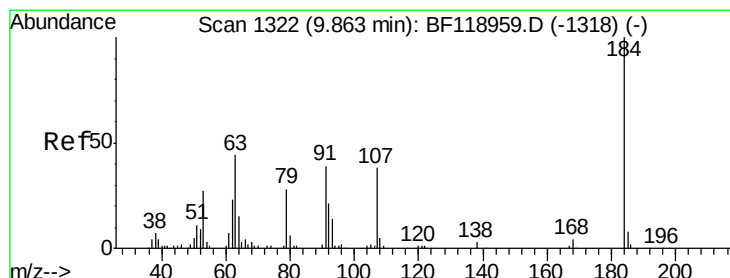
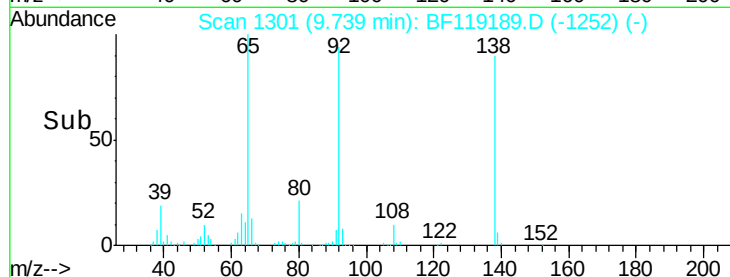
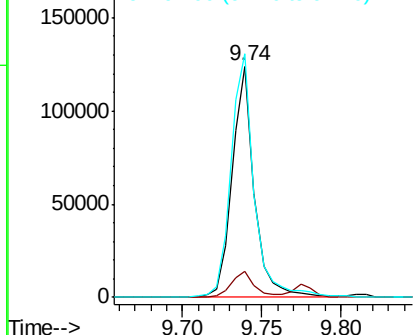
#53
3-Nitroaniline
Concen: 22.173 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 120704
Ion Ratio Lower Upper
138 100
108 11.5 8.8 13.2
92 105.3 84.8 127.2

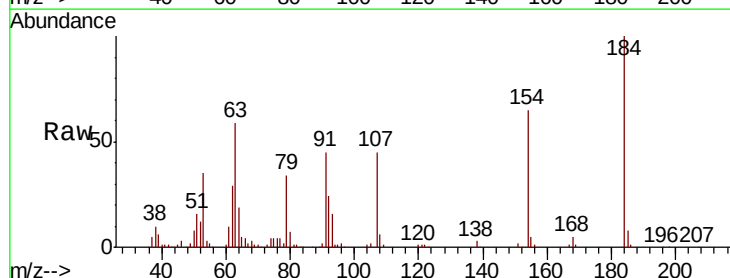


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

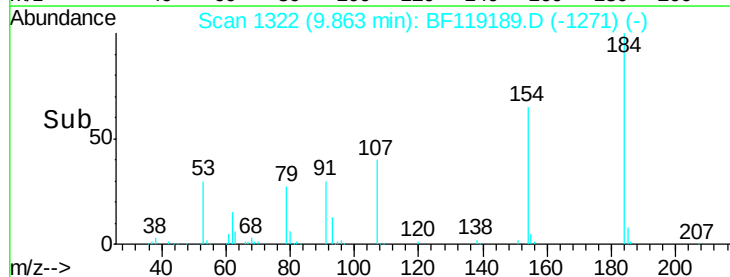
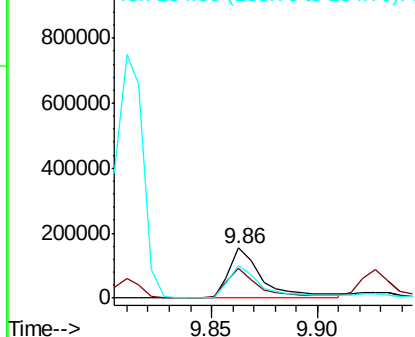


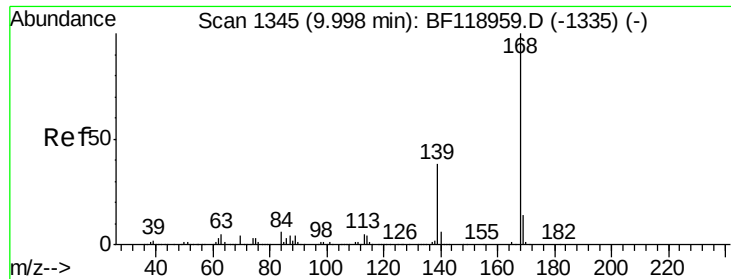
#54
2,4-Dinitrophenol
Concen: 72.741 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion:184 Resp: 171815
Ion Ratio Lower Upper
184 100
63 59.2 38.7 58.1#
154 64.6 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

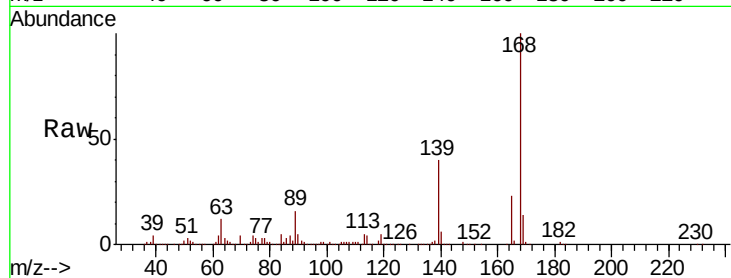




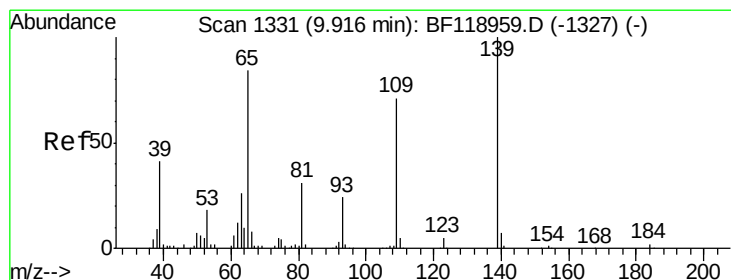
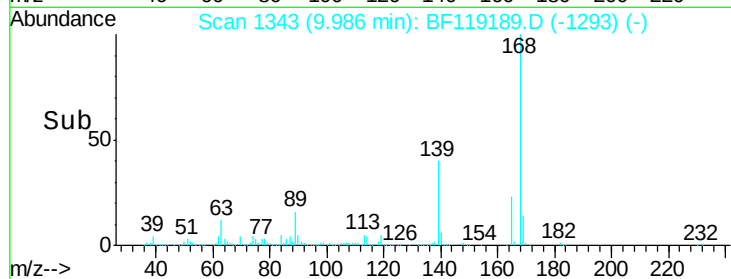
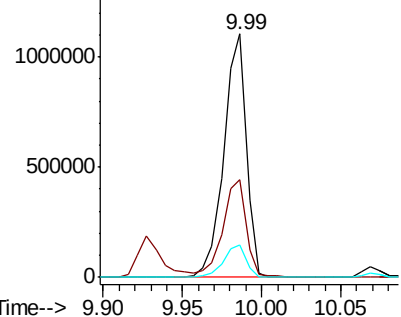
#55
Dibenzenofuran
Concen: 44.337 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1084913
Ion Ratio Lower Upper
168 100
139 40.3 34.0 51.0
169 13.5 11.0 16.4

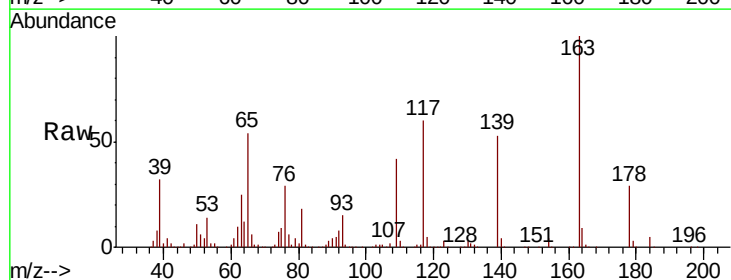


Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

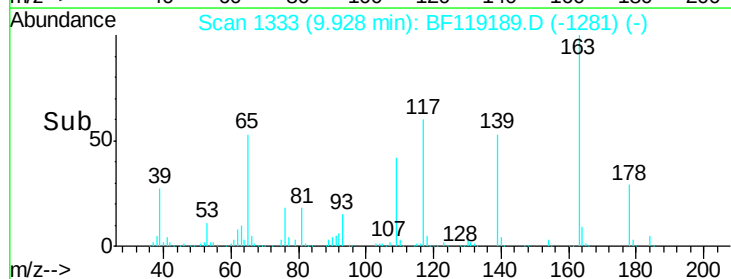
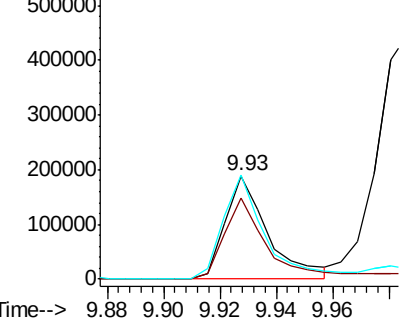


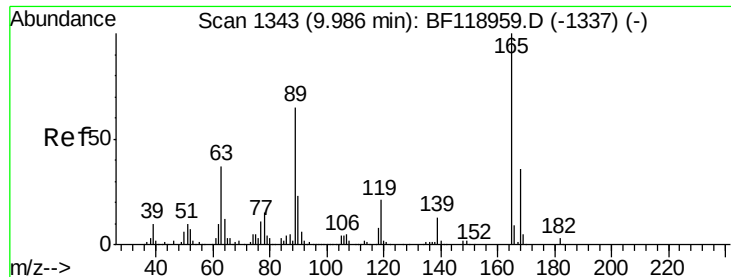
#56
4-Nitrophenol
Concen: 60.280 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion:139 Resp: 197158
Ion Ratio Lower Upper
139 100
109 79.1 56.7 96.7
65 101.4 65.0 105.0



Abundance Ion 139.00 (138.70 to 139.70): E
600000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

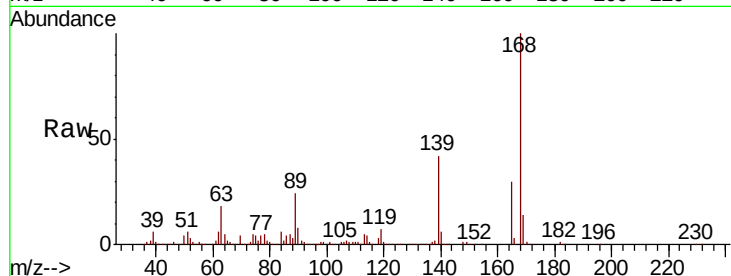




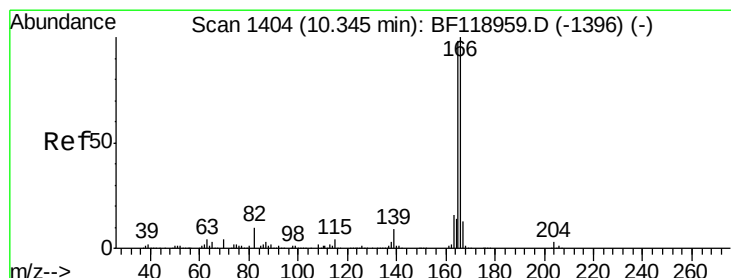
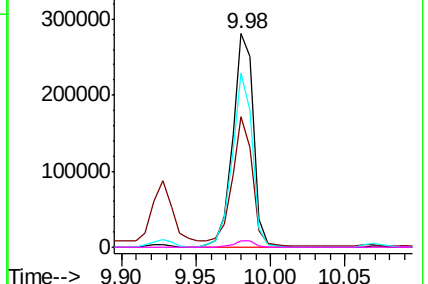
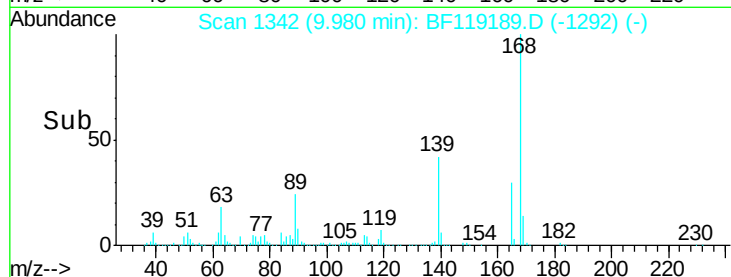
#57
 2,4-Dinitrotoluene
 Concen: 43.382 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.2	42.3	63.5
89	81.6	60.2	90.4
182	3.0	2.3	3.5

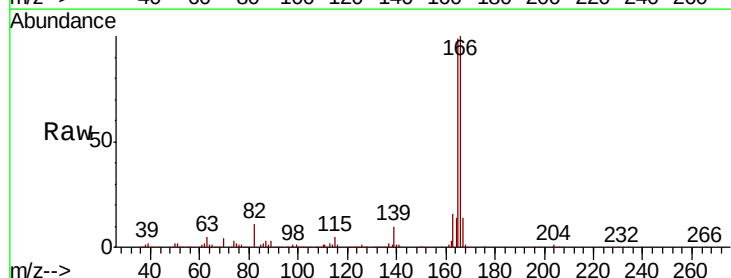


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

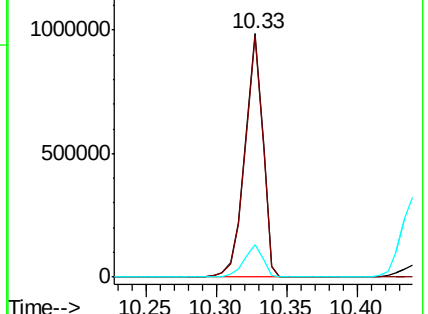
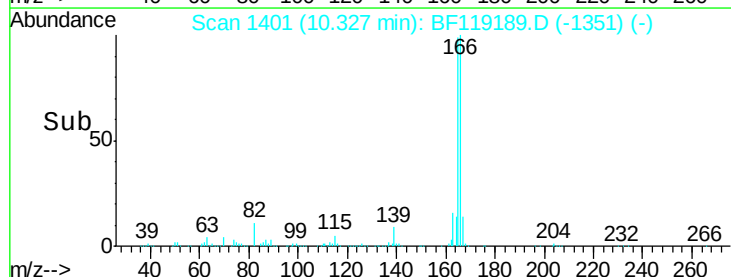


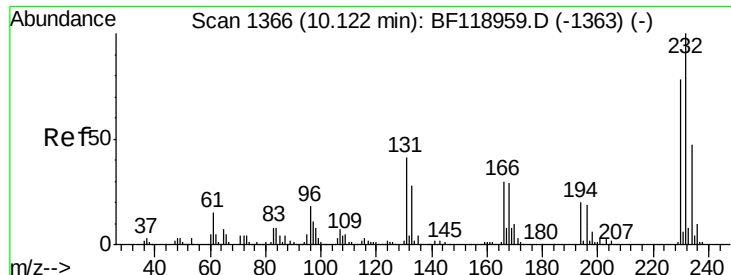
#58
 Fluorene
 Concen: 46.216 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.5	117.7
167	13.6	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

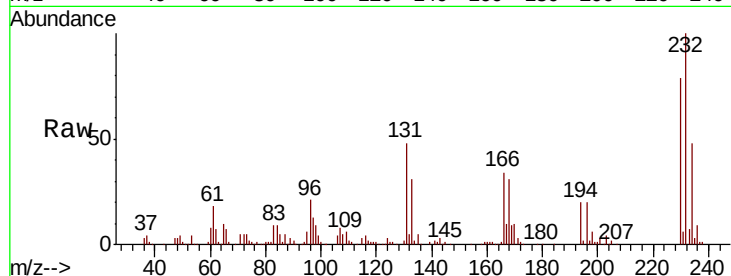




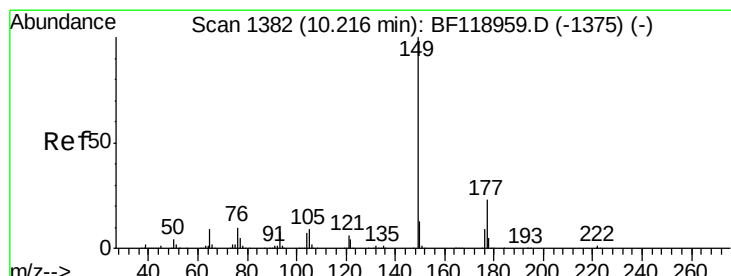
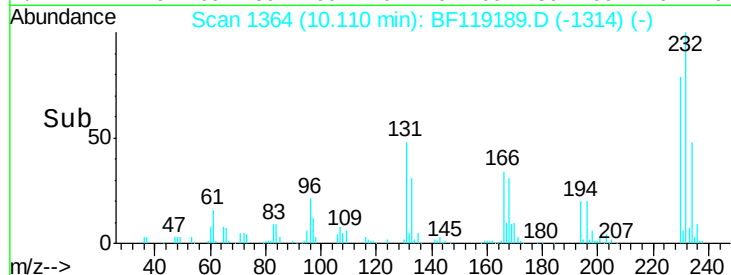
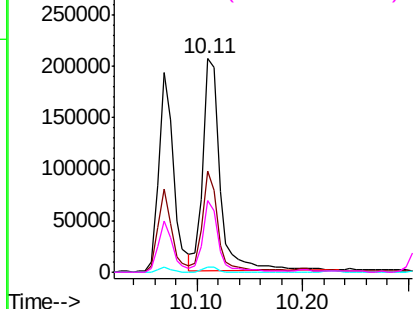
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.481 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	231474
Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.8	50.8
130	2.4	1.8	2.6
166	29.2	23.0	34.4

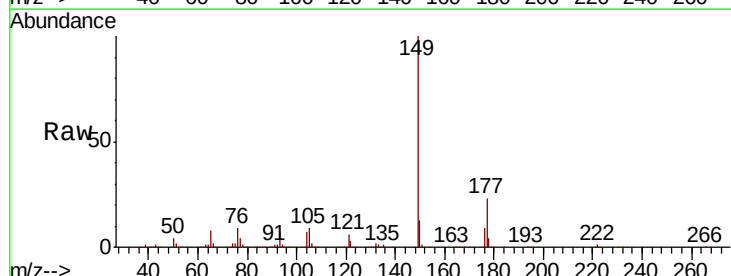


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

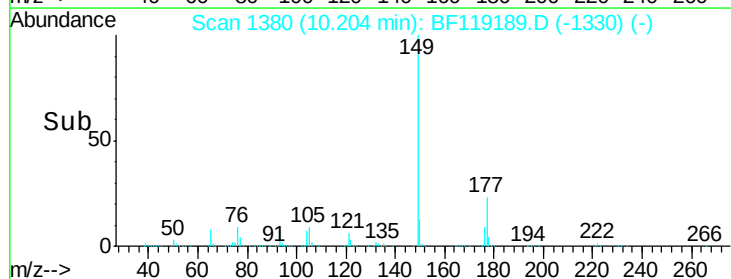
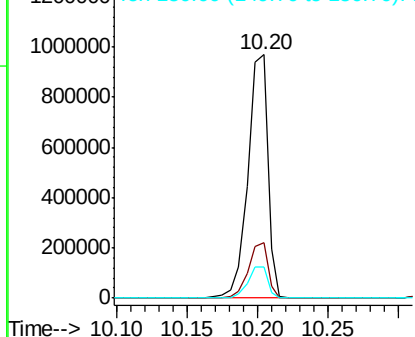


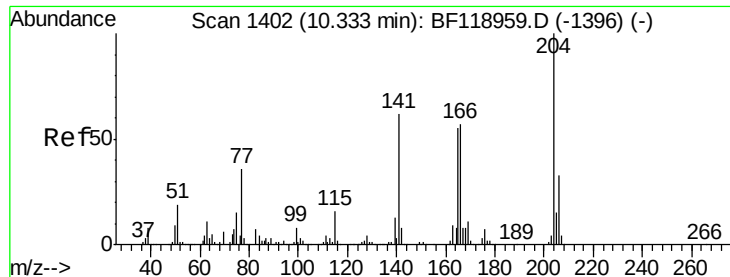
#60
 Diethylphthalate
 Concen: 46.338 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Tgt Ion:	149	Resp:	965147
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.2
150	12.6	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

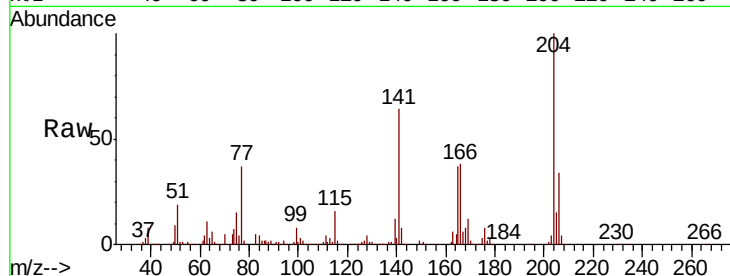




#61
4-Chlorophenyl-phenylether
Concen: 45.946 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.1	40.7
141	64.4	52.9	79.3

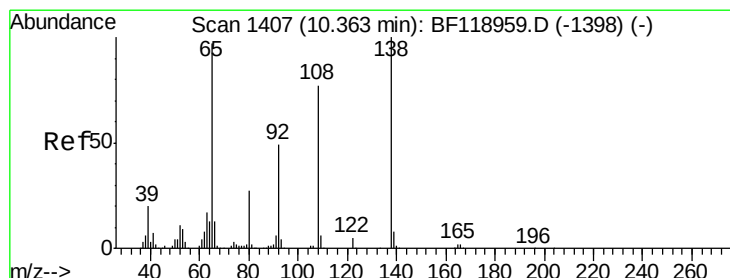
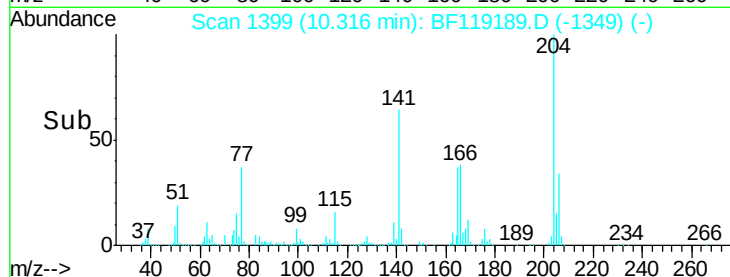
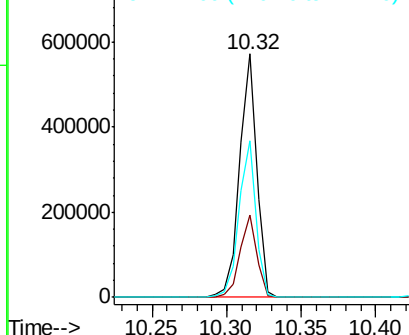


Abundance

Ion 204.00 (203.70 to 204.70): E

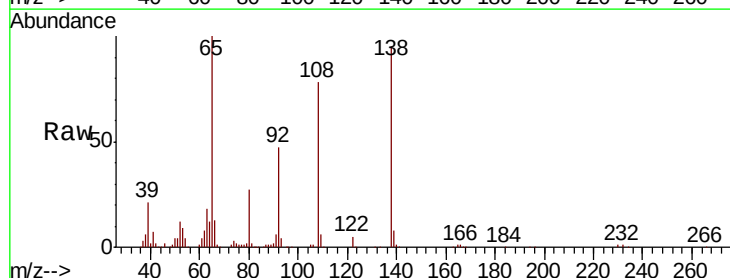
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.066 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	27.3	67.3
108	82.1	57.0	97.0

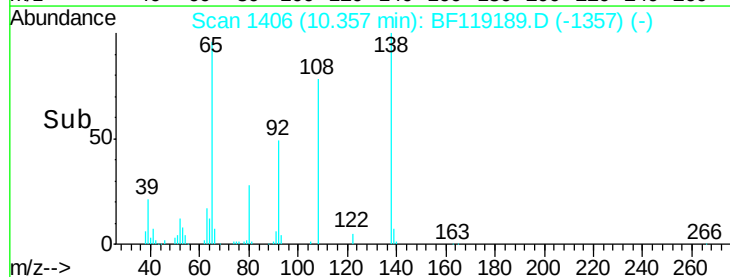
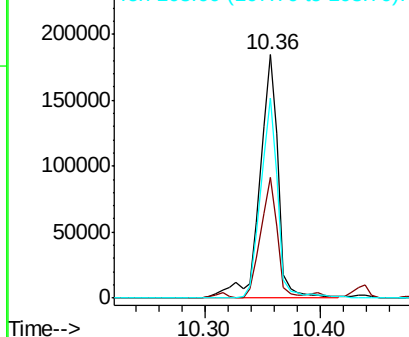


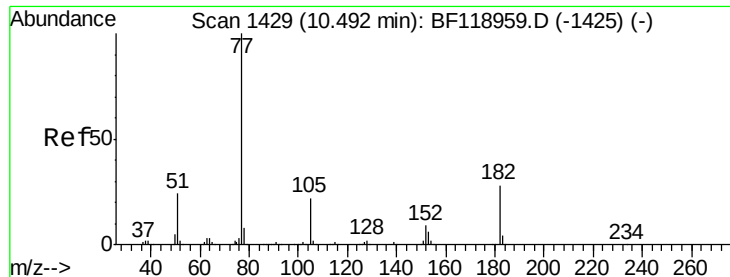
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 47.025 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 851342

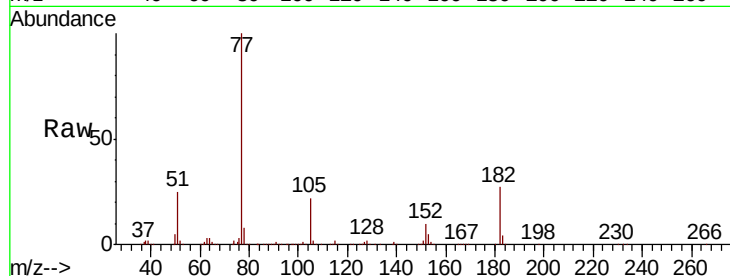
Ion Ratio Lower Upper

77 100

182 26.8 11.4 51.4

105 22.3 3.4 43.4

51 25.1 5.1 45.1

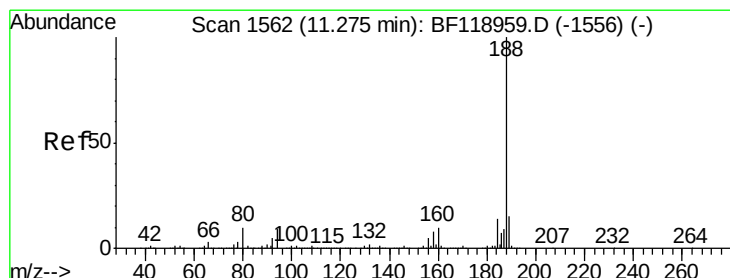
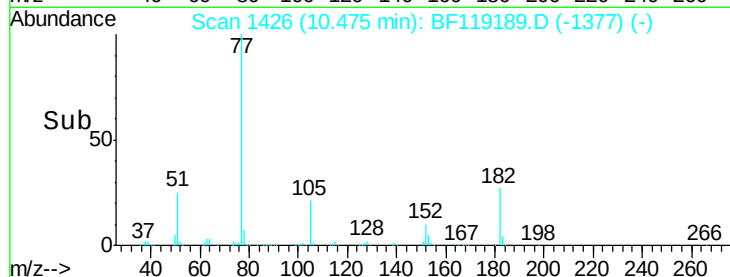
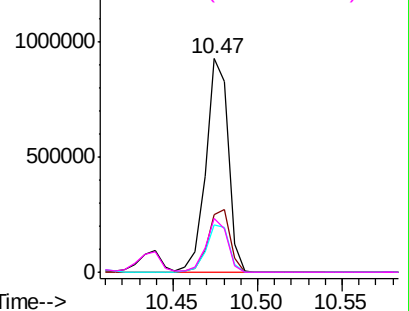


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

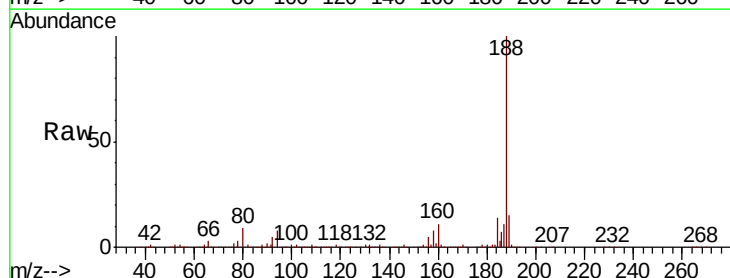
Tgt Ion: 188 Resp: 520498

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

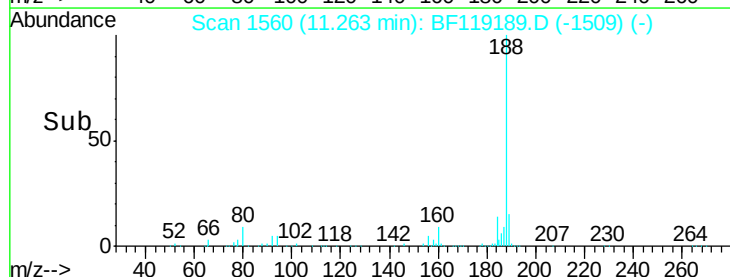
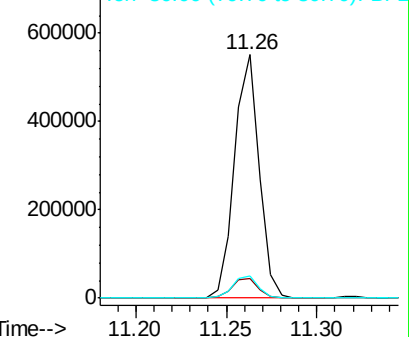
80 9.0 7.8 11.8

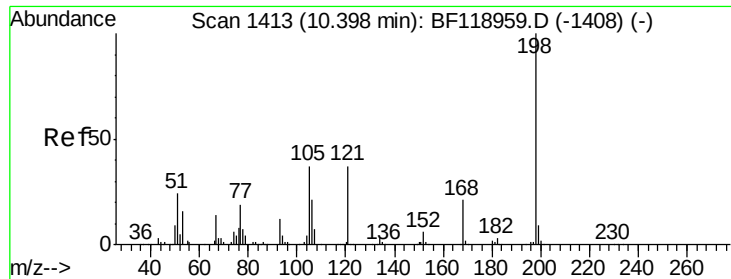


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 47.493 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampled :

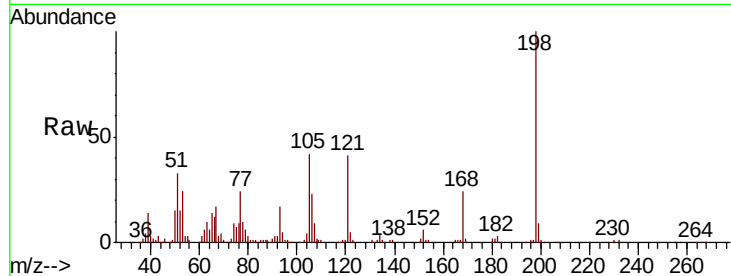
Tot Ion:198 Resp: 149584

Ion Ratio Lower Upper

198 100

51 33.0 14.2 54.2

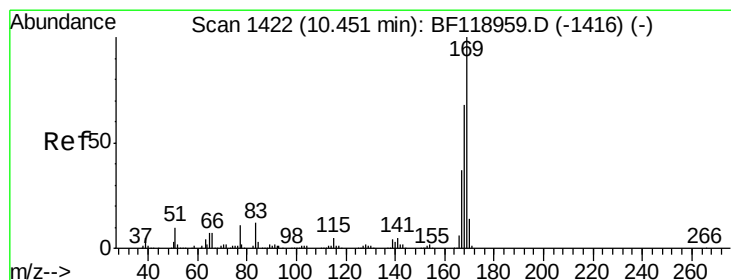
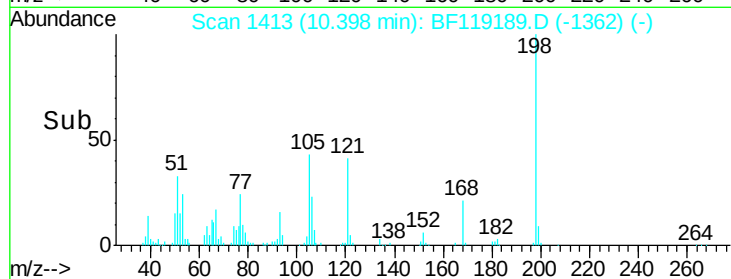
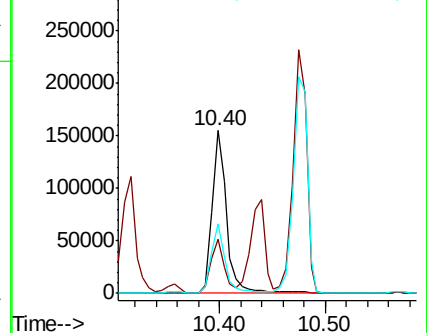
105 42.5 22.7 62.7



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: 46.584 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

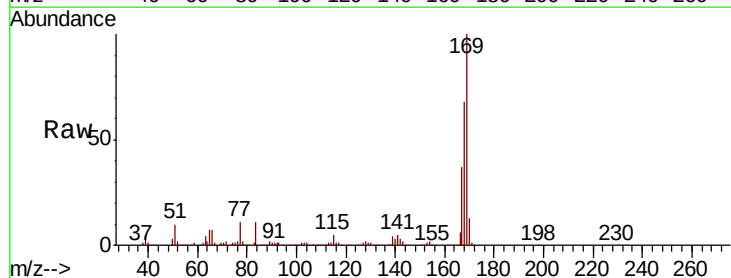
Tgt Ion:169 Resp: 793928

Ion Ratio Lower Upper

169 100

168 67.5 54.1 81.1

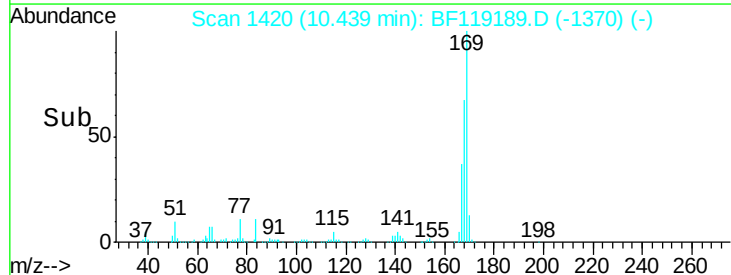
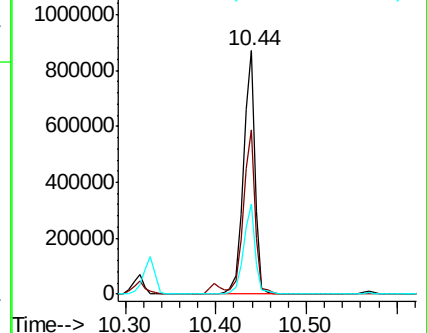
167 37.0 29.4 44.0

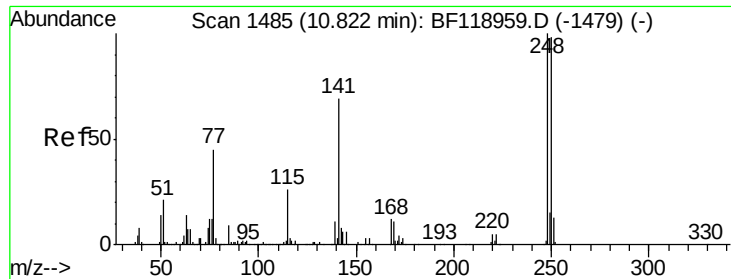


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

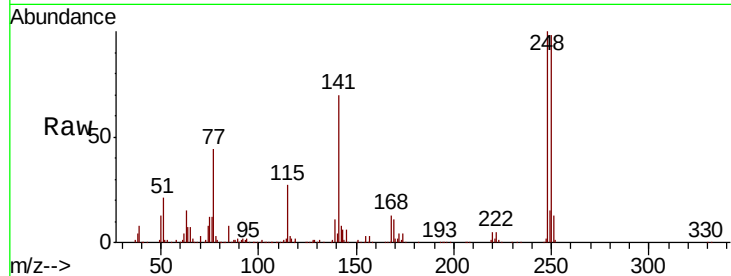




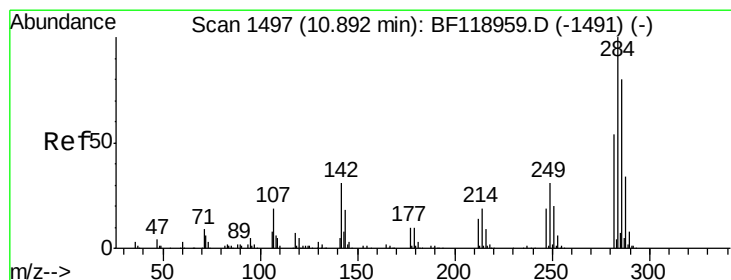
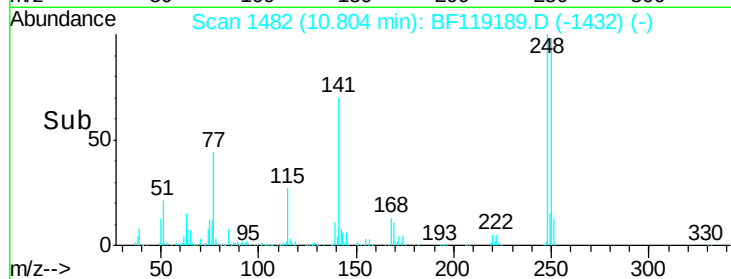
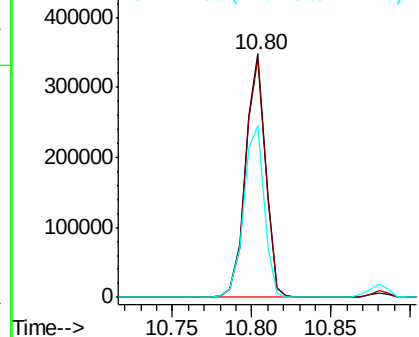
#67
4-Bromophenyl-phenylether
Concen: 44.487 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 302673
Ion Ratio Lower Upper
248 100
250 98.0 76.7 115.1
141 70.4 60.7 91.1

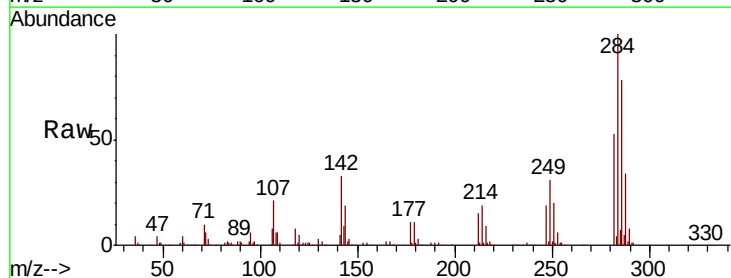


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

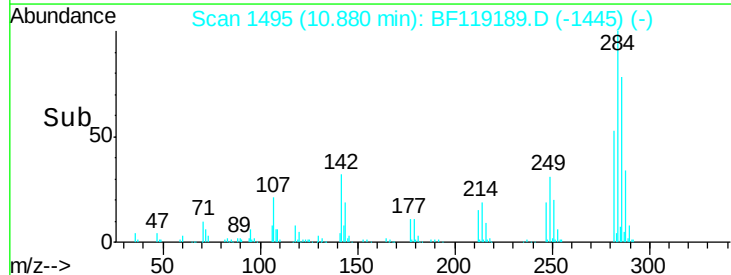
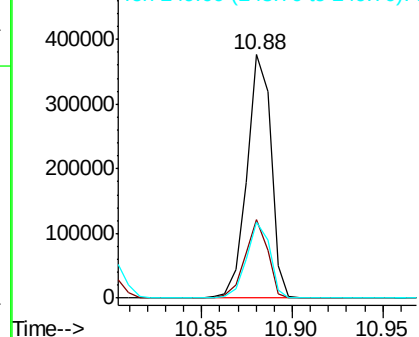


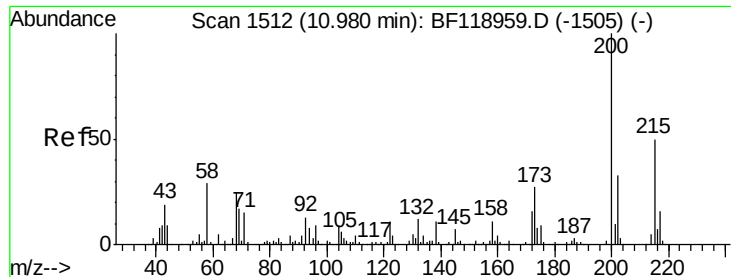
#68
Hexachlorobenzene
Concen: 44.180 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion:284 Resp: 346553
Ion Ratio Lower Upper
284 100
142 32.5 23.7 35.5
249 31.3 25.0 37.6



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

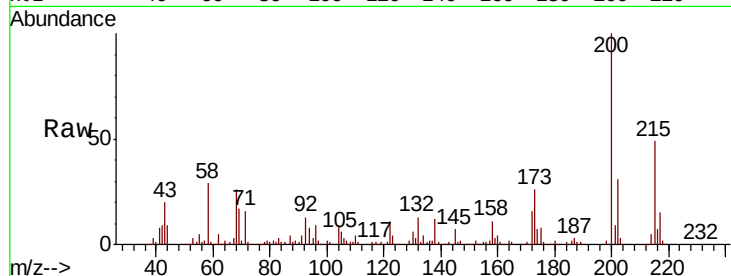




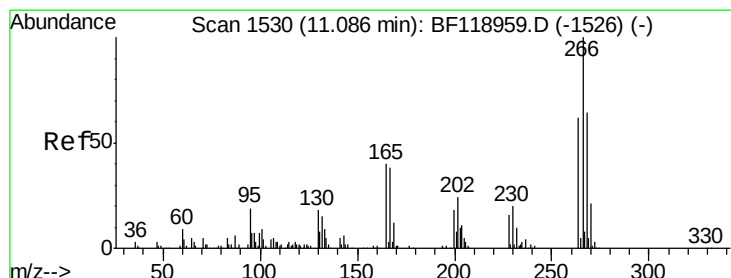
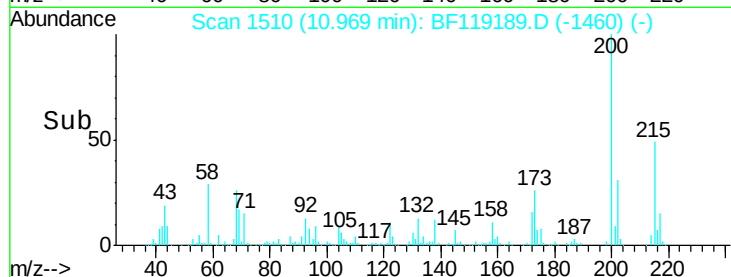
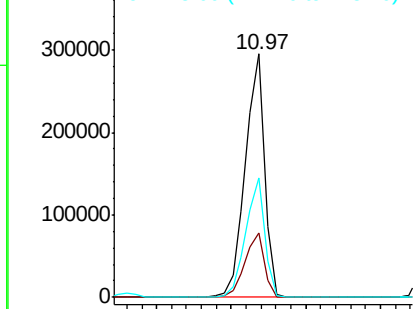
#69
Atrazine
Concen: 44.526 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.4	46.4
215	49.3	27.4	67.4

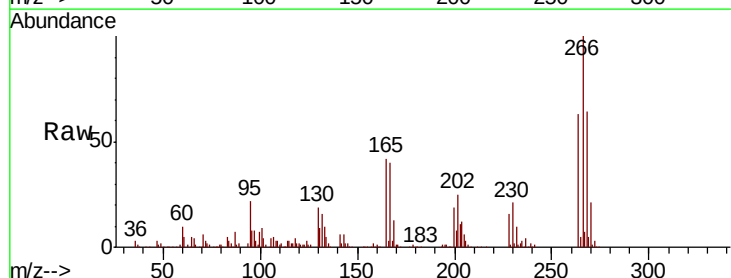


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

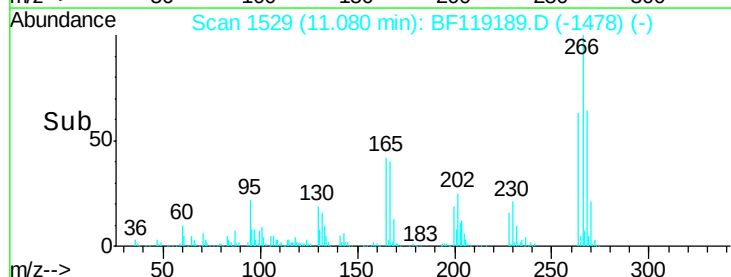
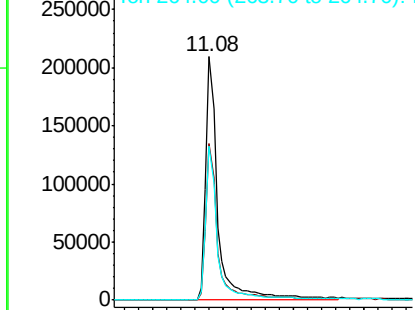


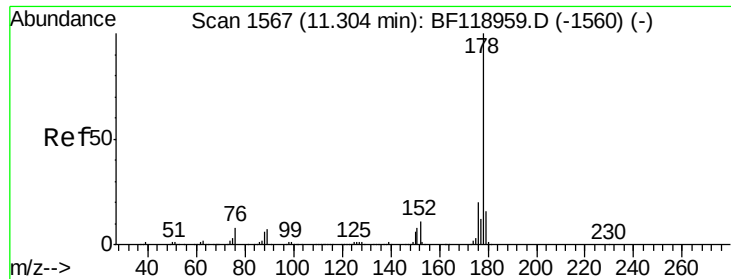
#70
Pentachlorophenol
Concen: 80.989 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.9	77.9
264	63.4	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: 44.950 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

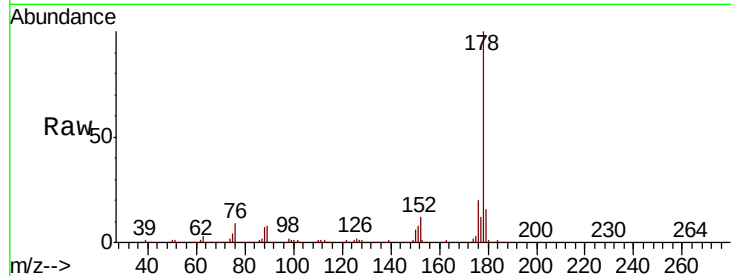
Tot Ion:178 Resp: 1275912

Ion Ratio Lower Upper

178 100

176 20.0 16.5 24.7

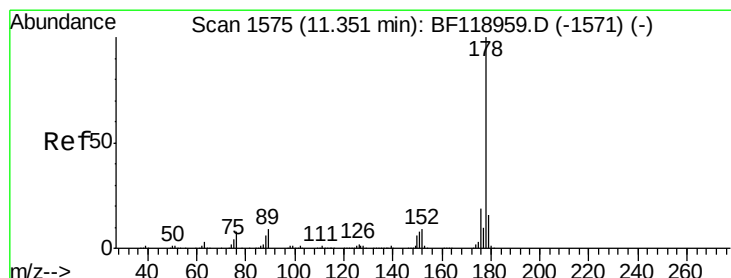
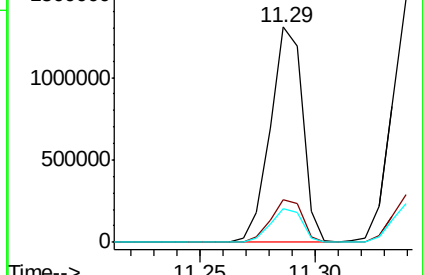
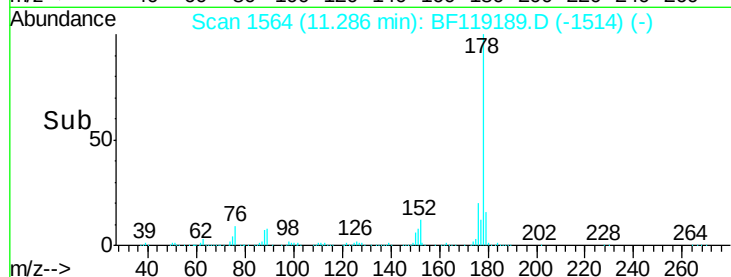
179 15.8 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.888 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

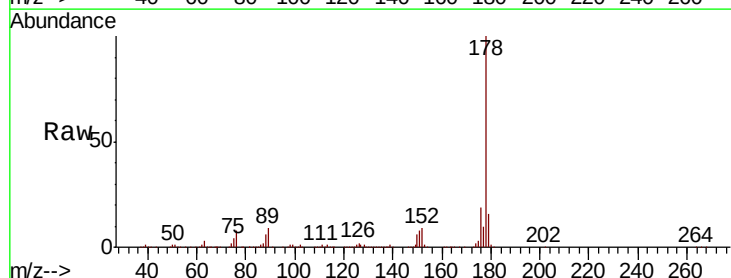
Tgt Ion:178 Resp: 1329830

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

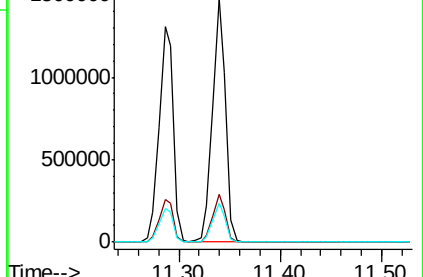
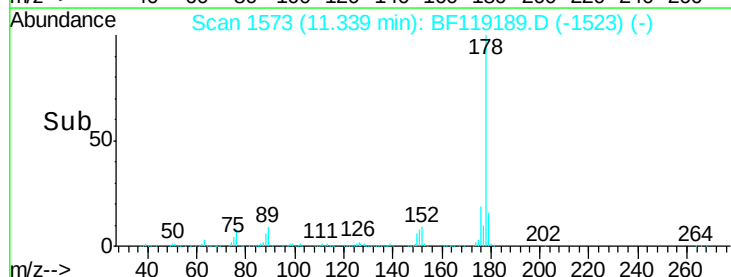
179 16.1 13.1 19.7

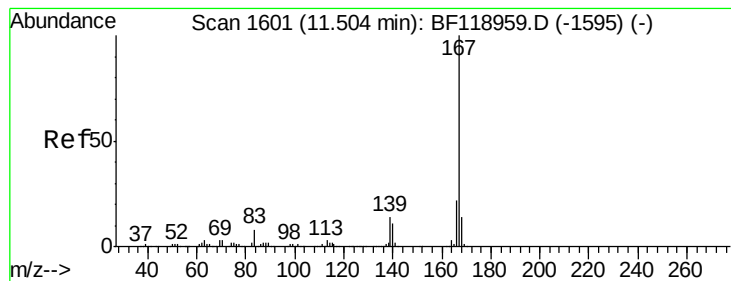


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.164 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

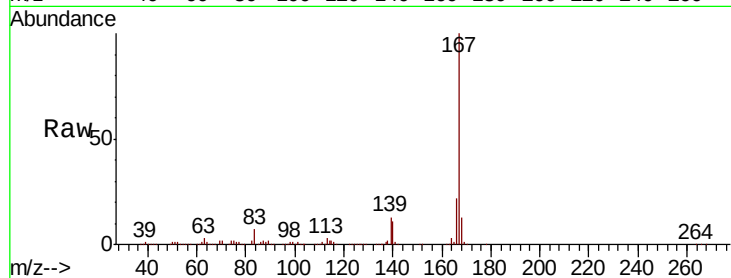
Tot Ion:167 Resp: 1115884

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.4

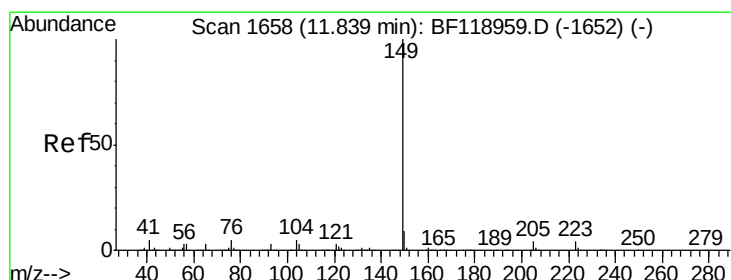
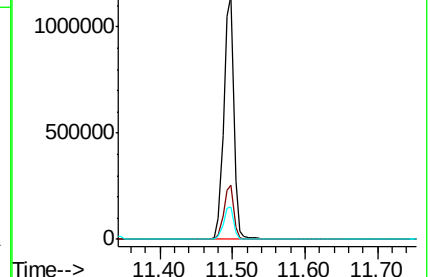
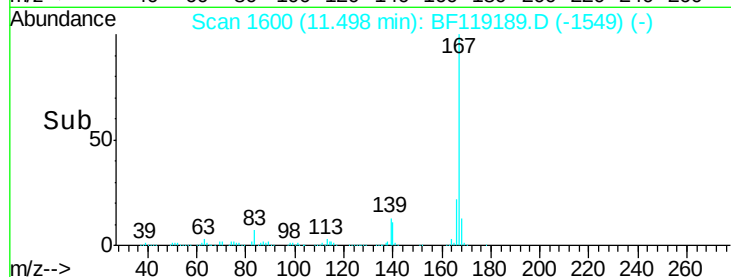
139 13.4 11.7 17.5



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: 47.565 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

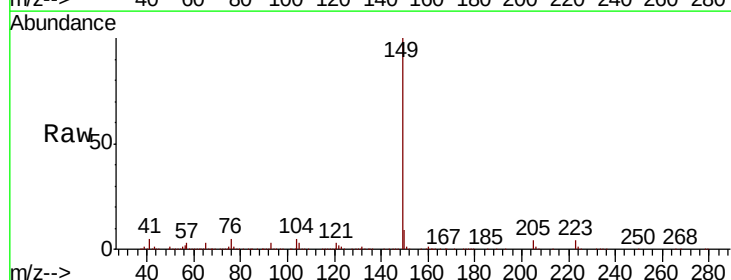
Tgt Ion:149 Resp: 1455407

Ion Ratio Lower Upper

149 100

150 9.4 7.9 11.9

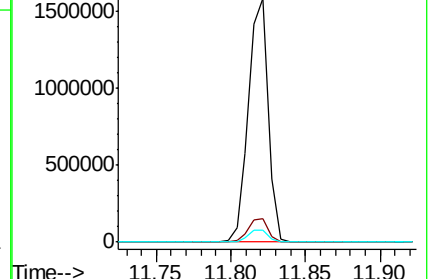
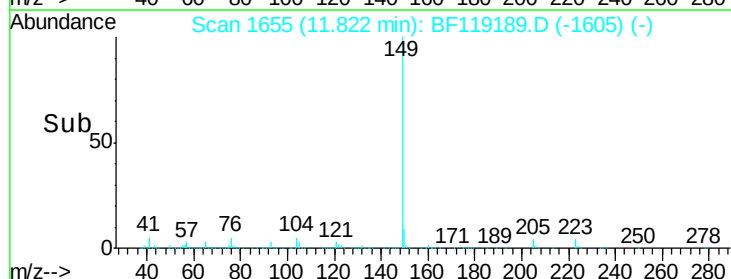
104 5.0 4.6 6.8

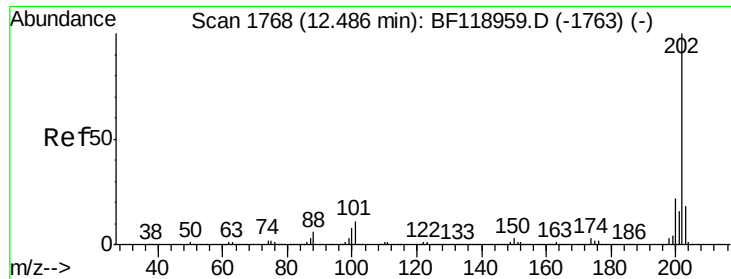


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

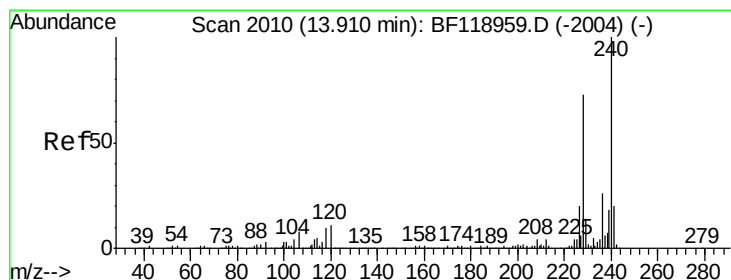
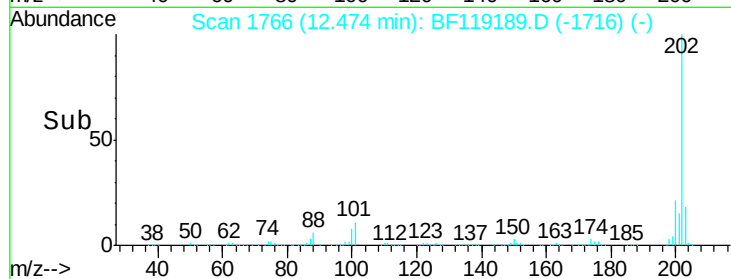
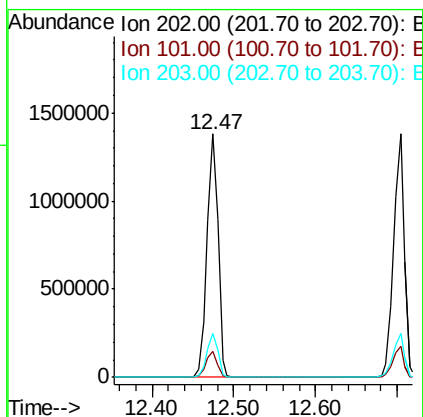
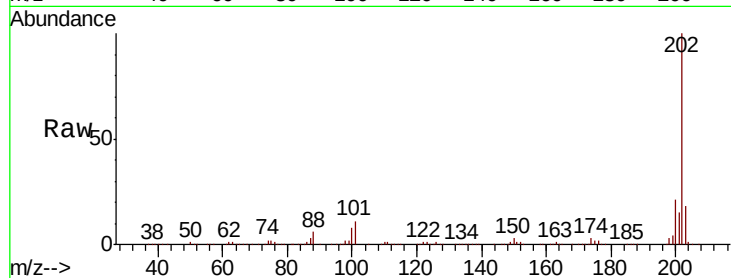




#75
 Fluoranthene
 Concen: 42.791 ng
 RT: 12.47 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

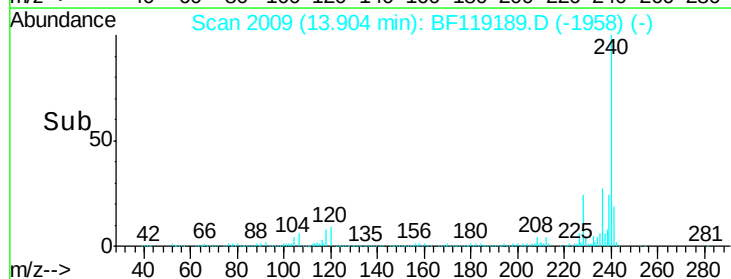
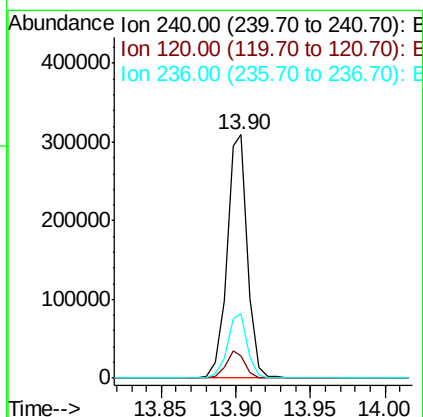
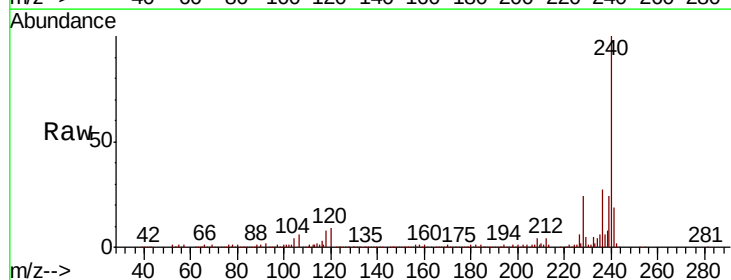
Instrument :
 BNA_F
 ClientSampleId :

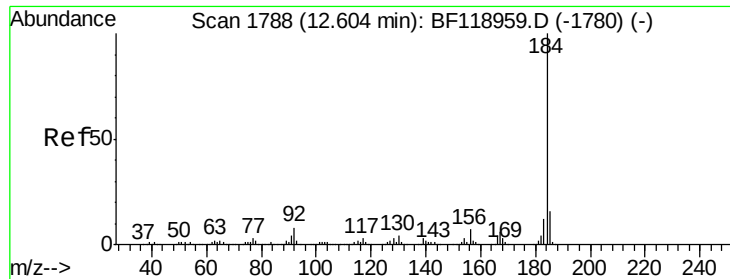
Tot Ion:202 Resp: 1289316
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 30.3
 203 17.8 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BF119189.D
 Acq: 4 Mar 2020 12:28

Tgt Ion:240 Resp: 298988
 Ion Ratio Lower Upper
 240 100
 120 9.0 8.4 12.6
 236 26.6 21.0 31.4

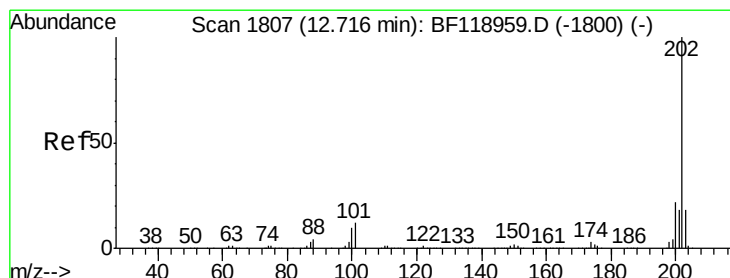
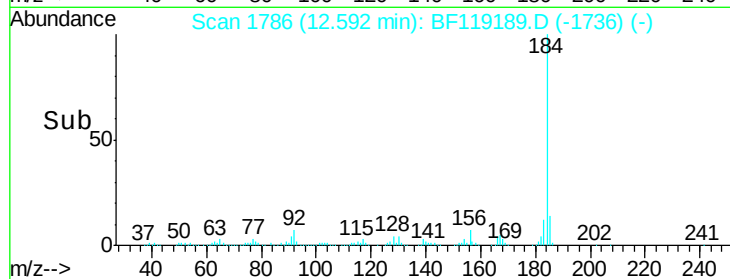
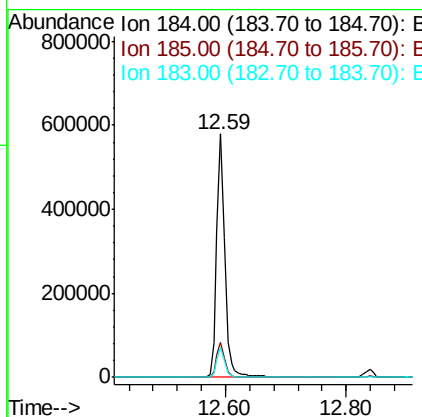
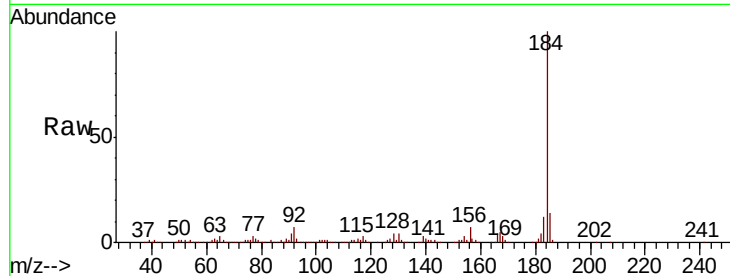




#77
Benzidine
Concen: 45.191 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

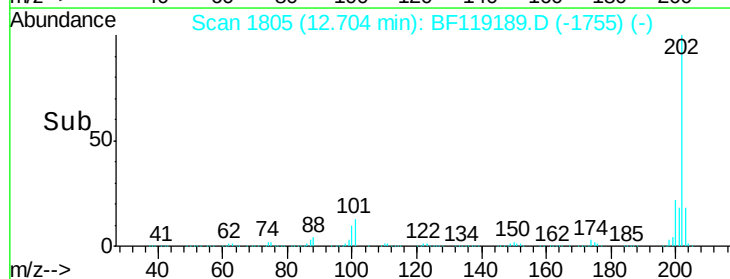
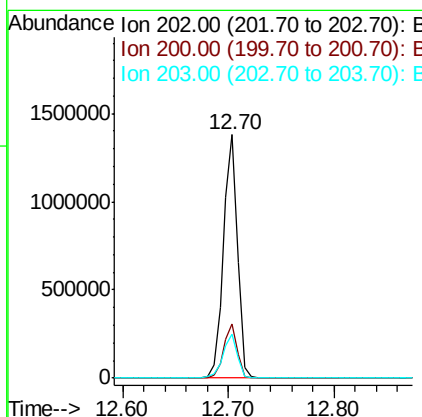
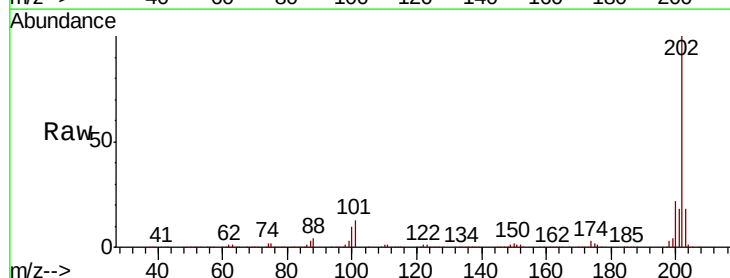
Instrument :
BNA_F
ClientSampleId :

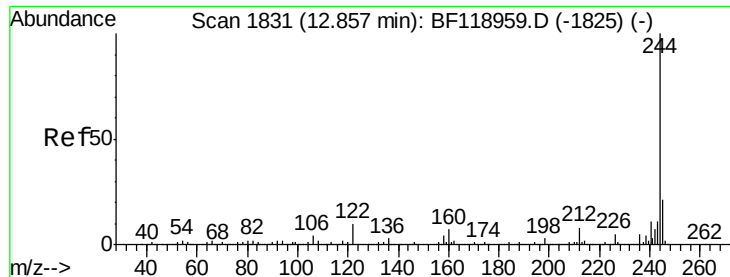
Tot Ion:184 Resp: 549505
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.4
183 12.2 9.9 14.9



#78
Pyrene
Concen: 53.238 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion:202 Resp: 1278157
Ion Ratio Lower Upper
202 100
200 22.1 18.0 27.0
203 17.9 14.6 22.0





#79

Terphenyl-d14

Concen: 74.504 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

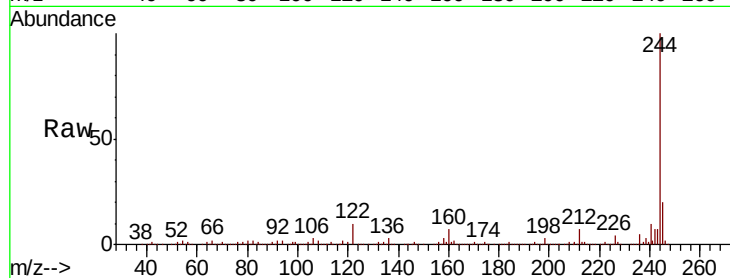
Tot Ion:244 Resp: 1293846

Ion Ratio Lower Upper

244 100

212 7.2 6.6 10.0

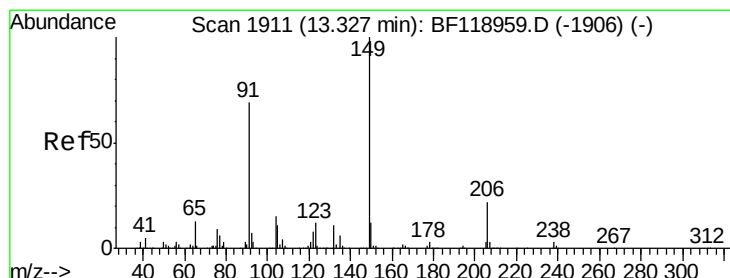
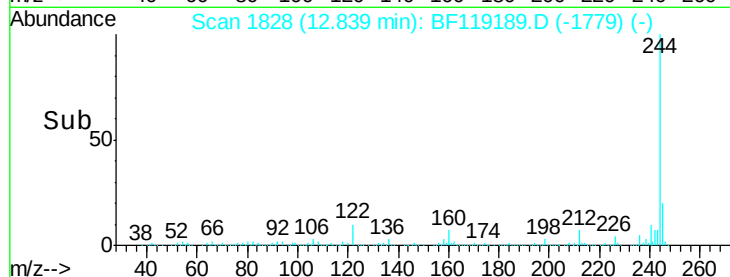
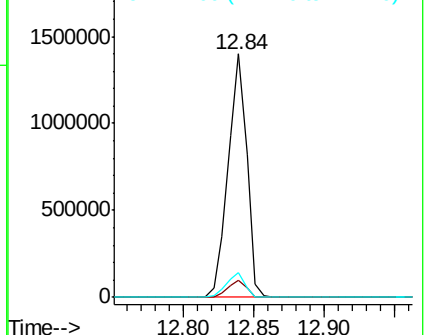
122 10.1 8.2 12.2



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: 55.314 ng

RT: 13.31 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

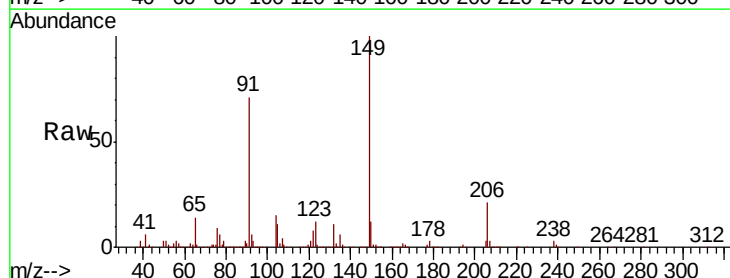
Tgt Ion:149 Resp: 558921

Ion Ratio Lower Upper

149 100

91 70.6 52.3 78.5

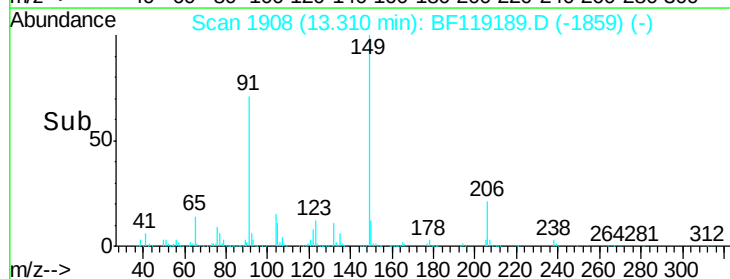
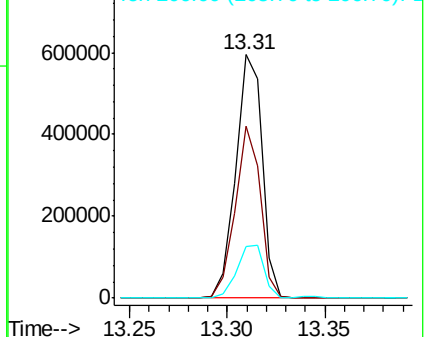
206 21.2 18.5 27.7

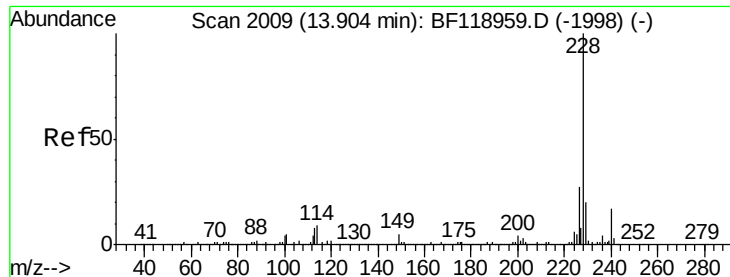


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.436 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

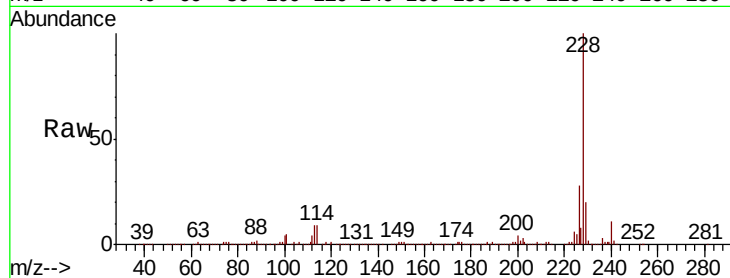
Tot Ion:228 Resp: 966366

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

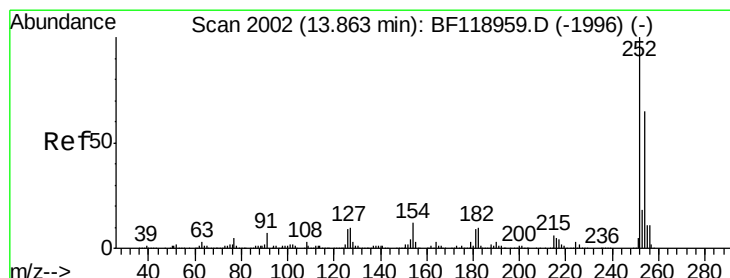
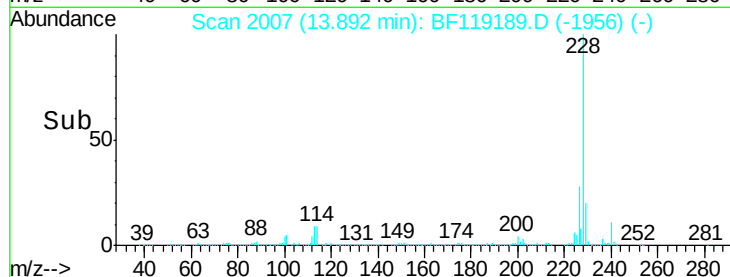
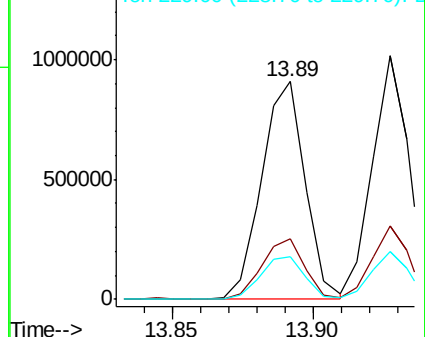
229 19.7 16.6 24.8



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: 31.869 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

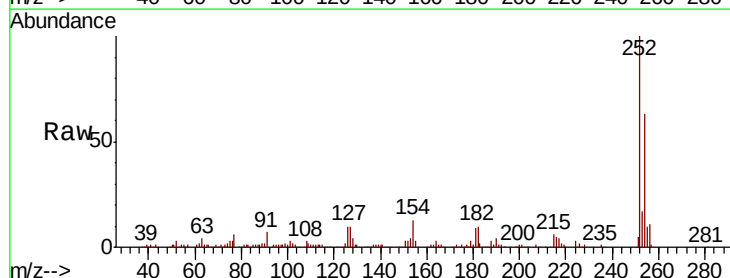
Tgt Ion:252 Resp: 252100

Ion Ratio Lower Upper

252 100

254 63.0 51.6 77.4

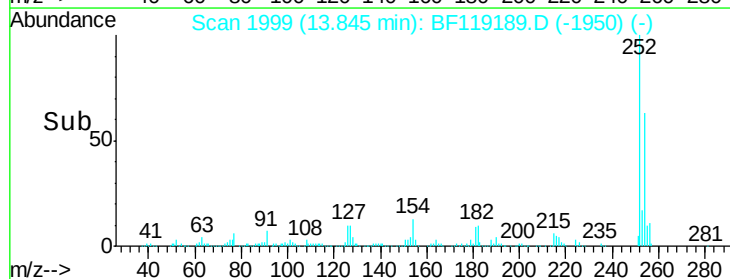
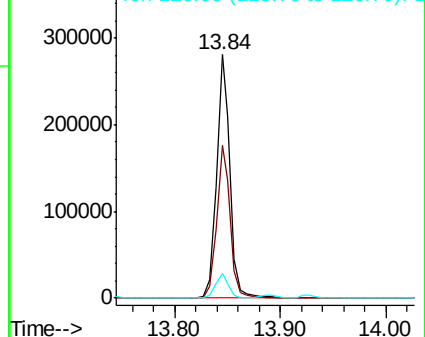
126 10.3 7.4 11.0

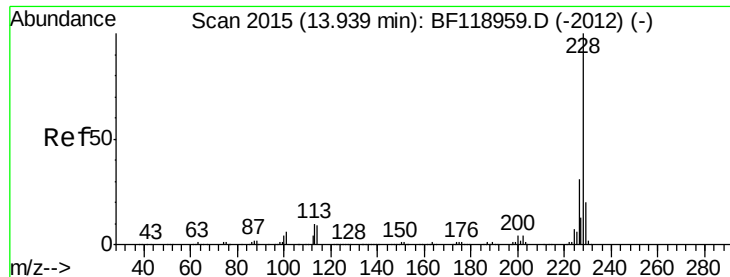


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.832 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

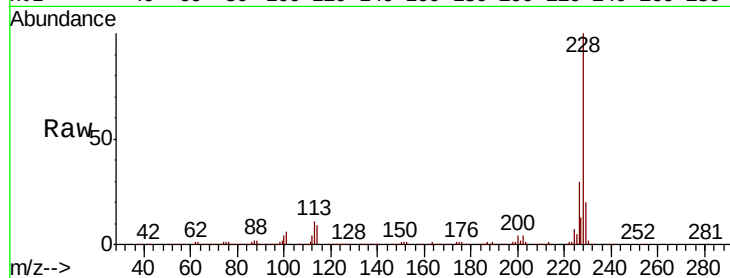
Tot Ion:228 Resp: 910037

Ion Ratio Lower Upper

228 100

226 30.3 25.1 37.7

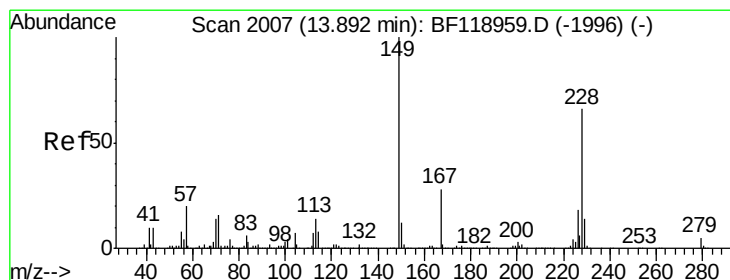
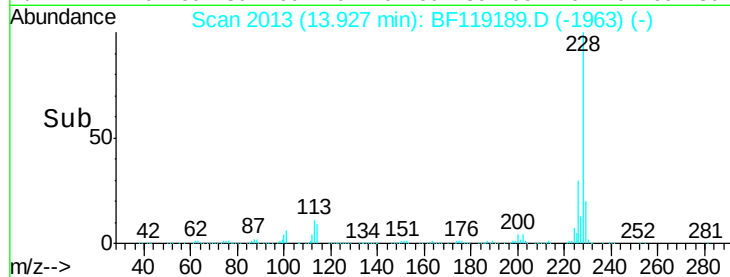
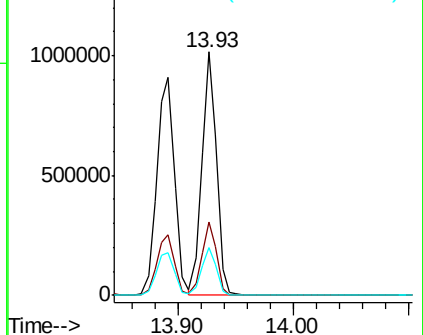
229 19.7 16.3 24.5



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: 59.899 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

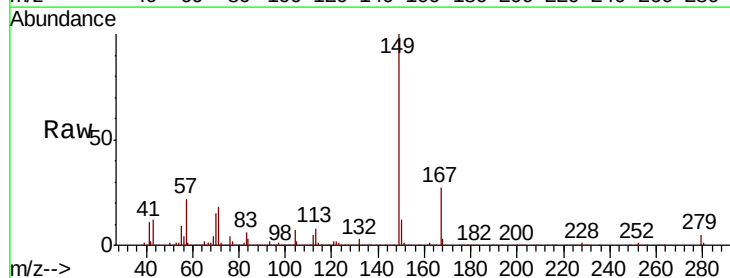
Tgt Ion:149 Resp: 764644

Ion Ratio Lower Upper

149 100

167 27.3 22.8 34.2

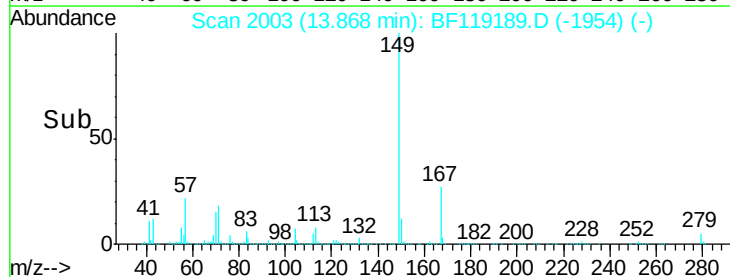
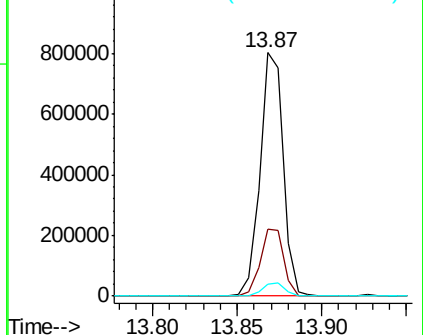
279 4.9 4.6 6.8

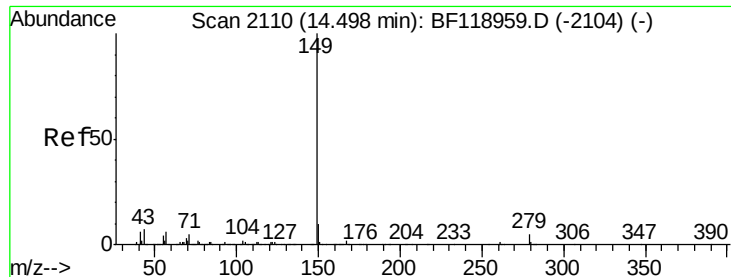


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.146 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

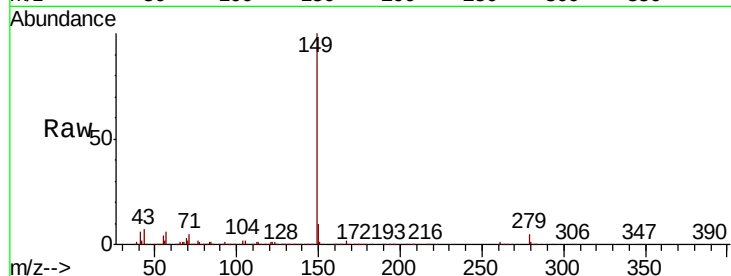
Tot Ion:149 Resp: 1121634

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

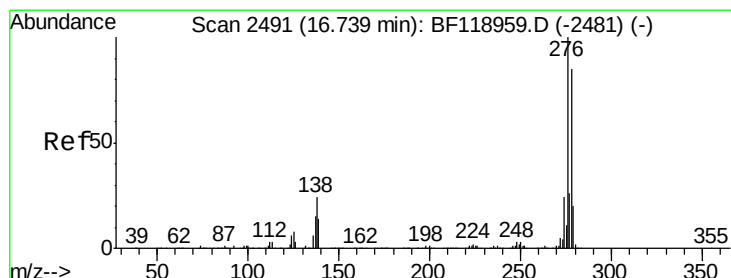
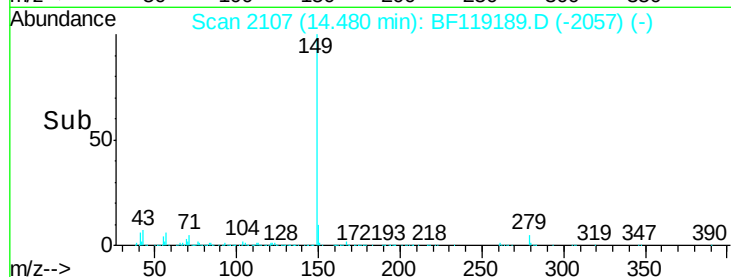
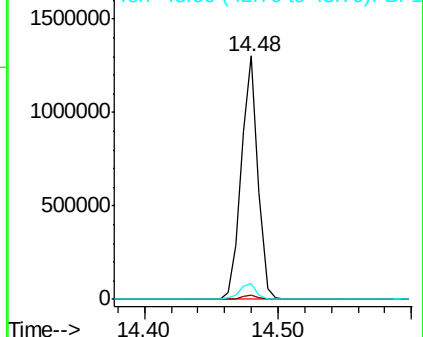
43 6.7 5.7 8.5



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: 49.377 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

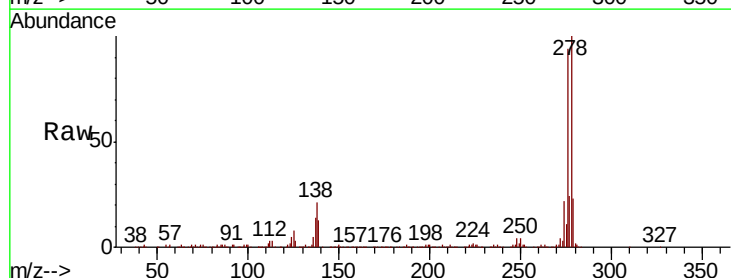
Tgt Ion:276 Resp: 970498

Ion Ratio Lower Upper

276 100

138 21.6 17.4 26.0

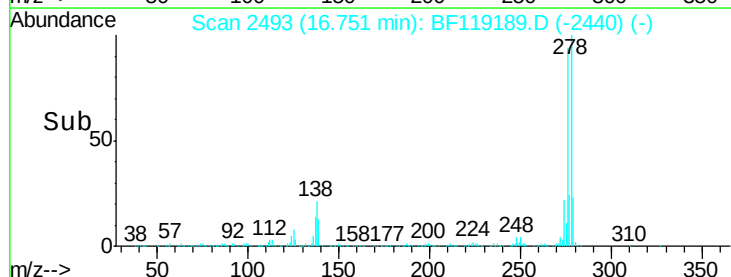
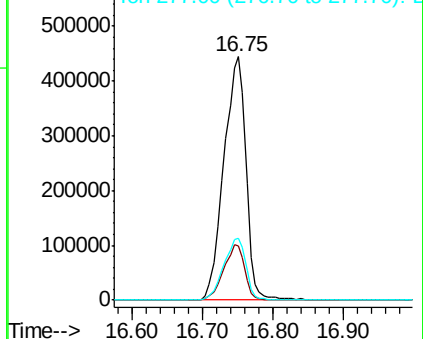
277 25.4 20.3 30.5

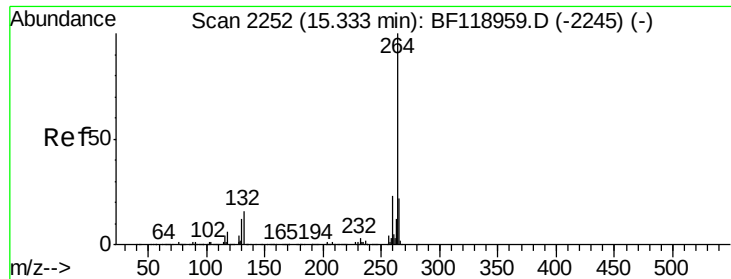


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



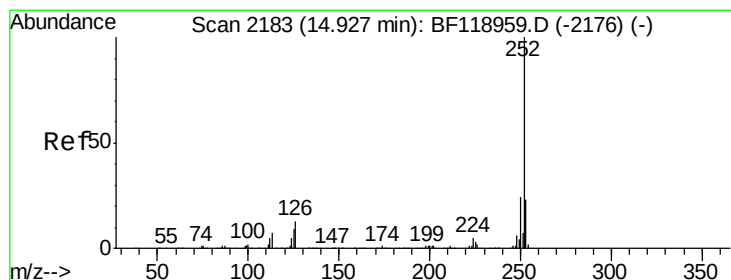
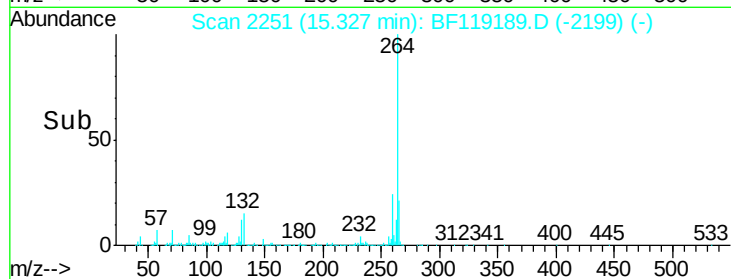
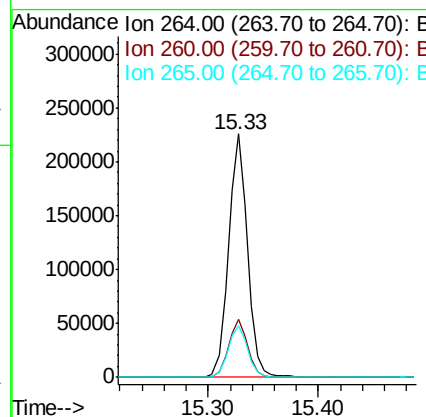
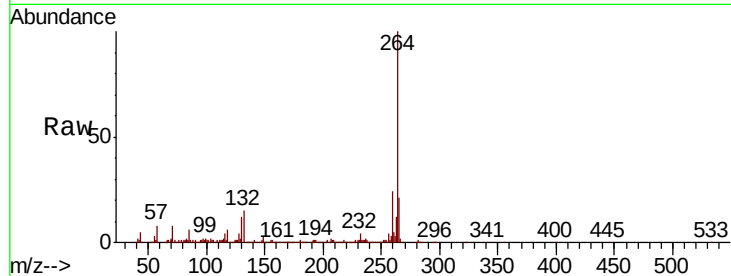


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 270667

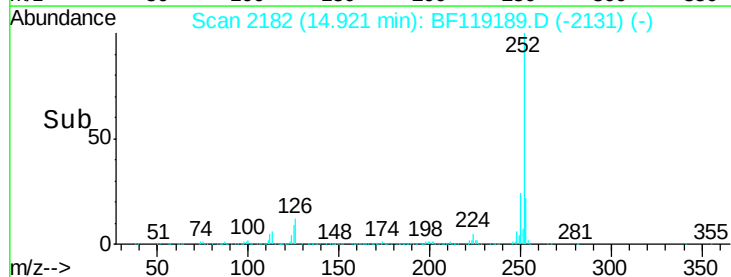
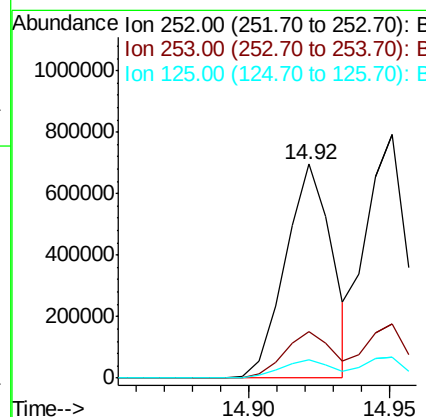
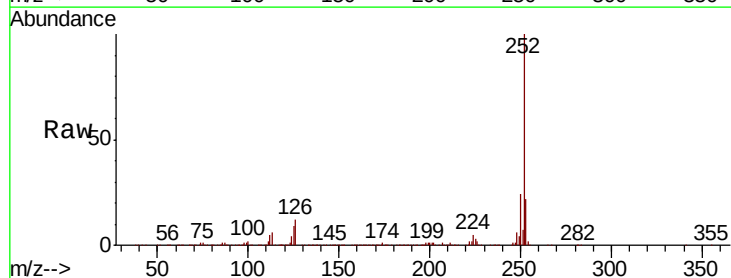
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.3	17.7	26.5

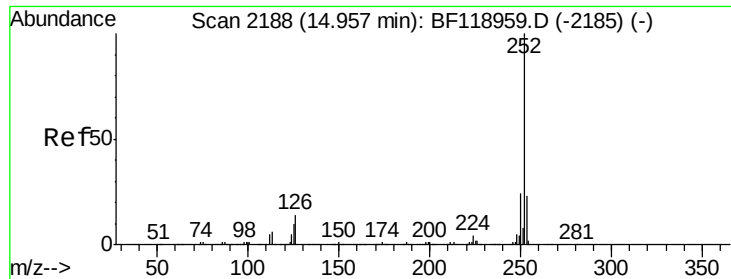


#88
Benzo(b)fluoranthene
Concen: 44.877 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion:252 Resp: 800638

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	8.7	7.4	11.0

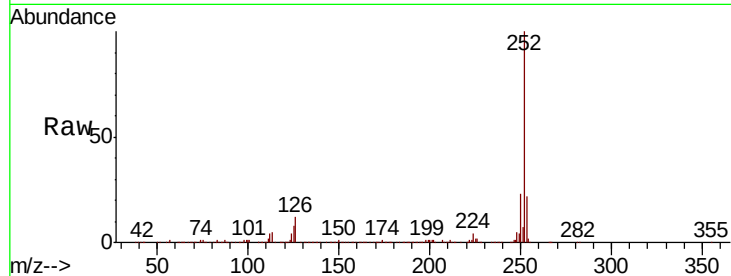




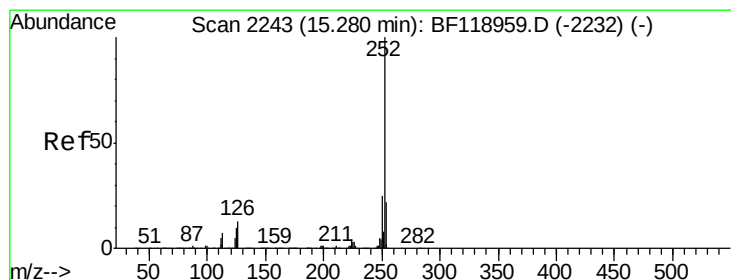
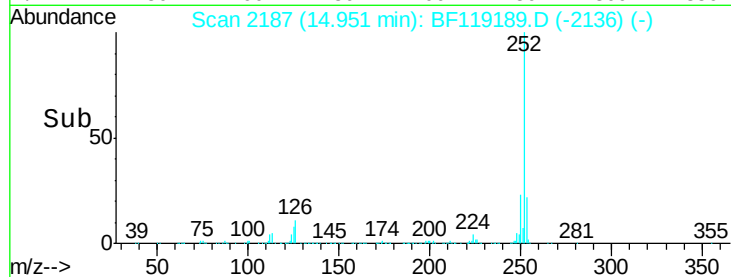
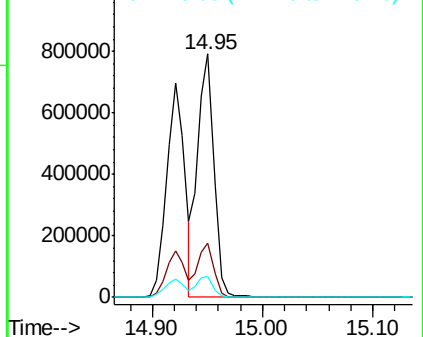
#89
Benzo(k)fluoranthene
Concen: 48.086 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 795036
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.4 7.5 11.3

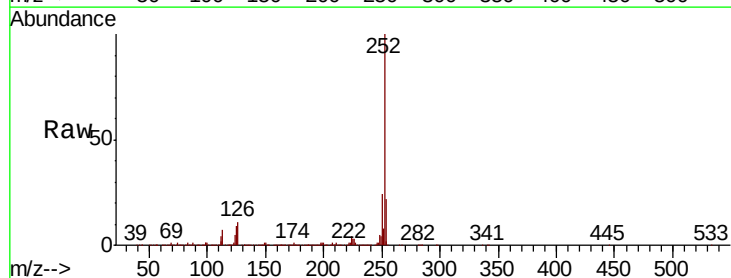


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

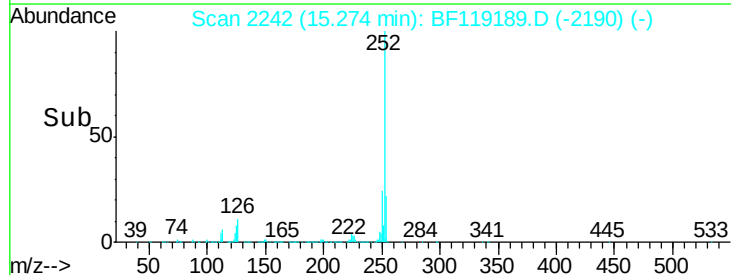
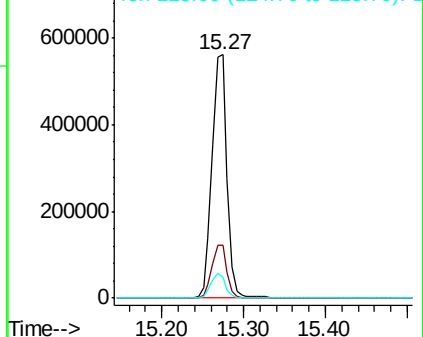


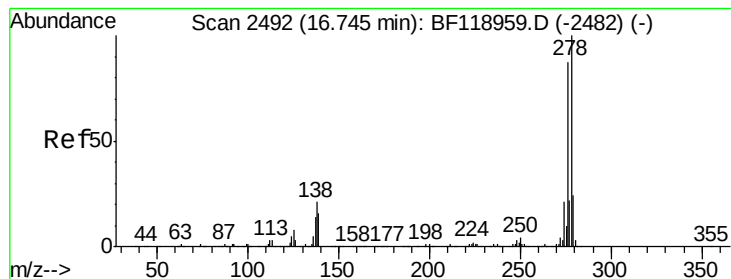
#90
Benzo(a)pyrene
Concen: 44.666 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF119189.D
Acq: 4 Mar 2020 12:28

Tgt Ion:252 Resp: 719208
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 8.7 8.6 12.8



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





#91

Dibenzo(a,h)anthracene

Concen: 57.540 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

Instrument :

BNA_F

ClientSampleId :

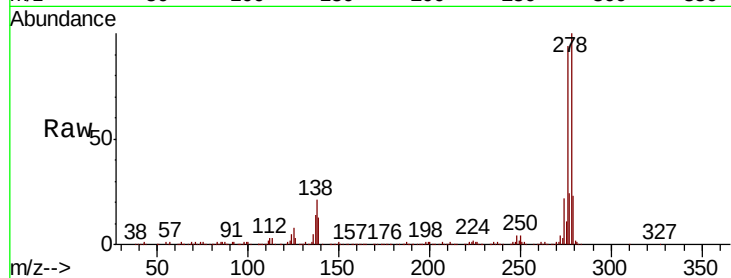
Tot Ion:278 Resp: 815221

Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.0	16.4
279	23.5	18.6	28.0

278 100

139 13.3 11.0 16.4

279 23.5 18.6 28.0

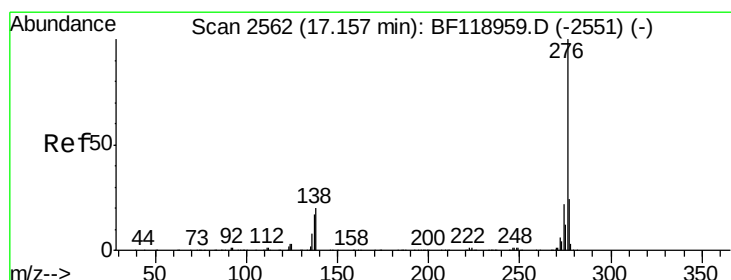
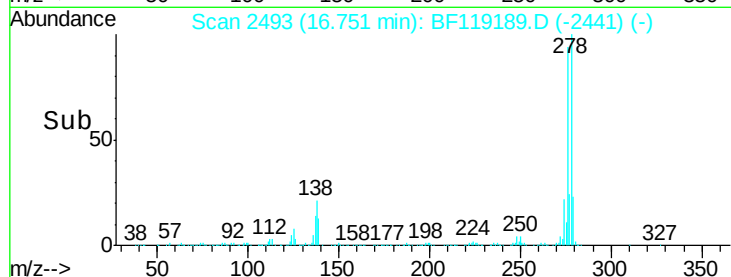
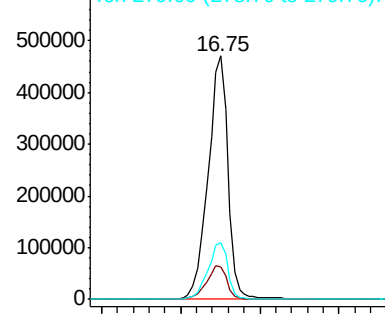


Abundance

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: 58.313 ng

RT: 17.17 min Scan# 2564

Delta R.T. 0.01 min

Lab File: BF119189.D

Acq: 4 Mar 2020 12:28

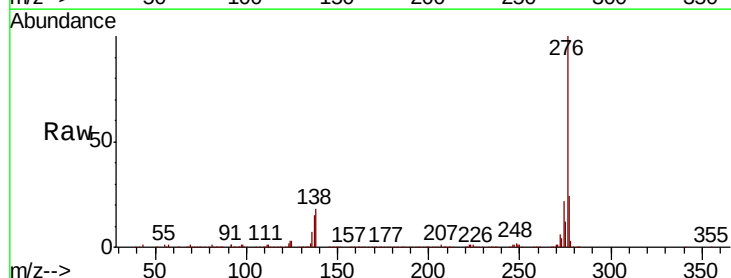
Tgt Ion:276 Resp: 816298

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	18.1	14.3	21.5

276 100

277 23.7 18.7 28.1

138 18.1 14.3 21.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

