

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119313.D
 Acq On : 10 Mar 2020 13:07
 Operator : CG/JU
 Sample : PB127381BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 01:36:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	117387	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	456090	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	265807	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	498817	20.00	ng	0.00
76) Chrysene-d12	13.89	240	350509	20.00	ng	0.00
87) Perylene-d12	15.32	264	264546	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	870958	123.99	ng	0.02
7) Phenol-d6	6.39	99	1041555	121.92	ng	0.01
23) Nitrobenzene-d5	7.30	82	633970	73.39	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	407304	117.14	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1286745	71.31	ng	0.00
79) Terphenyl-d14	12.83	244	1581757	77.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	119907	38.341	ng	99
3) Pyridine	3.23	79	270962	31.725	ng	97
4) n-Nitrosodimethylamine	3.16	42	112456	43.464	ng	99
6) Aniline	6.40	93	317440	30.115	ng	90
8) 2-Chlorophenol	6.52	128	354939	46.823	ng	99
9) Benzaldehyde	6.28	77	147612	25.863	ng	99
10) Phenol	6.40	94	416227	45.065	ng	87
11) bis(2-Chloroethyl)ether	6.47	93	319745	45.245	ng	99
12) 1,3-Dichlorobenzene	6.67	146	377558	41.555	ng	99
13) 1,4-Dichlorobenzene	6.75	146	388594	42.741	ng	97
14) 1,2-Dichlorobenzene	6.90	146	357738	43.143	ng	98
15) Benzyl Alcohol	6.88	79	291775	47.258	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	253899	41.474	ng	# 14
17) 2-Methylphenol	7.00	107	291048	47.356	ng	93
18) Hexachloroethane	7.23	117	137358	42.228	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	239997	48.213	ng	99
20) 3+4-Methylphenols	7.16	107	384384	51.050	ng	# 86
22) Acetophenone	7.14	105	479051	45.396	ng	# 95
24) Nitrobenzene	7.32	77	374939	43.893	ng	99
25) Isophorone	7.55	82	674047	44.931	ng	98
26) 2-Nitrophenol	7.63	139	200918	44.391	ng	99
27) 2,4-Dimethylphenol	7.68	122	311490	50.709	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	408917	41.878	ng	99
29) 2,4-Dichlorophenol	7.89	162	321261	44.426	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	340517	39.716	ng	99
31) Naphthalene	8.03	128	1024451	43.311	ng	98
32) Benzoic acid	7.85	122	156731	36.782	ng	98
33) 4-Chloroaniline	8.09	127	280323	27.554	ng	100
34) Hexachlorobutadiene	8.15	225	206996	38.759	ng	99
35) Caprolactam	8.47	113	66958	30.071	ng	95
36) 4-Chloro-3-methylphenol	8.59	107	344415	47.061	ng	99
37) 2-Methylnaphthalene	8.72	142	715140	44.926	ng	98
38) 1-Methylnaphthalene	8.82	142	664872	44.413	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	356625	39.793	ng	100

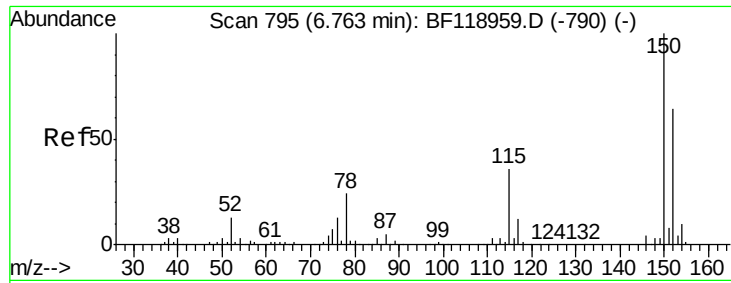
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
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 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	109423	38.999	ng	99
43) 2,4,6-Trichlorophenol	9.02	196	218658	38.636	ng	98
44) 2,4,5-Trichlorophenol	9.07	196	227676	38.338	ng	99
46) 1,1'-Biphenyl	9.19	154	866440	40.332	ng	98
47) 2-Chloronaphthalene	9.21	162	692421	39.997	ng	98
48) 2-Nitroaniline	9.32	65	207623	42.999	ng	92
49) Acenaphthylene	9.63	152	1059105	42.359	ng	99
50) Dimethylphthalate	9.49	163	841742	41.413	ng	100
51) 2,6-Dinitrotoluene	9.56	165	191995	42.516	ng	99
52) Acenaphthene	9.80	154	627426	41.616	ng	99
53) 3-Nitroaniline	9.73	138	138884	27.742	ng	95
54) 2,4-Dinitrophenol	9.86	184	138470	64.671	ng	# 90
55) Dibenzofuran	9.97	168	928535	41.262	ng	99
56) 4-Nitrophenol	9.93	139	137581	45.740	ng	97
57) 2,4-Dinitrotoluene	9.97	165	243992	41.685	ng	94
58) Fluorene	10.31	166	766134	43.813	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	191641	38.244	ng	98
60) Diethylphthalate	10.19	149	834483	43.566	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	400522	43.272	ng	99
62) 4-Nitroaniline	10.35	138	171370	33.458	ng	96
63) Azobenzene	10.46	77	738556	44.359	ng	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	127791	42.337	ng	95
66) n-Nitrosodiphenylamine	10.42	169	691868	42.360	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	262192	40.212	ng	99
68) Hexachlorobenzene	10.87	284	301775	40.143	ng	99
69) Atrazine	10.96	200	248103	43.476	ng	98
70) Pentachlorophenol	11.07	266	177693	58.679	ng	98
71) Phenanthrene	11.27	178	1137016	41.797	ng	98
72) Anthracene	11.33	178	1173973	43.192	ng	98
73) Carbazole	11.49	167	1023906	42.285	ng	99
74) Di-n-butylphthalate	11.80	149	1260814	42.996	ng	99
75) Fluoranthene	12.46	202	1203926	41.694	ng	99
77) Benzidine	12.58	184	307494	21.571	ng	99
78) Pyrene	12.69	202	1212849	43.092	ng	99
80) Butylbenzylphthalate	13.30	149	529882	44.732	ng	98
81) Benzo(a)anthracene	13.88	228	1023105	42.839	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	299286	32.273	ng	99
83) Chrysene	13.92	228	985326	41.406	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	713646	47.687	ng	99
85) Di-n-octyl phthalate	14.46	149	1120604	46.997	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	786521	34.134	ng	100
88) Benzo(b)fluoranthene	14.91	252	929992	53.333	ng	100
89) Benzo(k)fluoranthene	14.94	252	786098	48.646	ng	100
90) Benzo(a)pyrene	15.26	252	740859	47.075	ng	98
91) Dibenzo(a,h)anthracene	16.73	278	664378	47.979	ng	99
92) Benzo(g,h,i)perylene	17.16	276	650837	47.569	ng	99

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

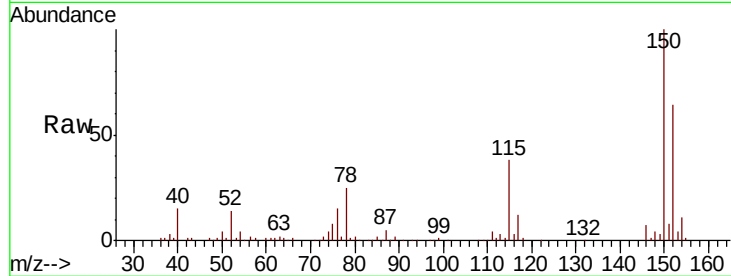


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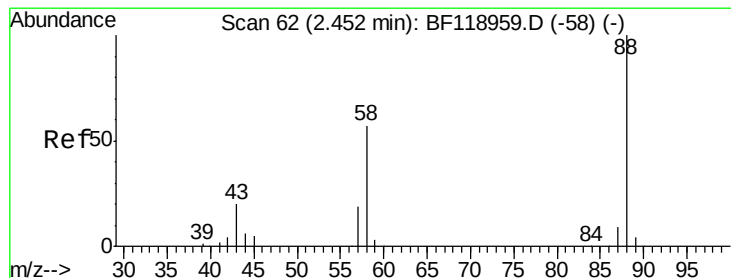
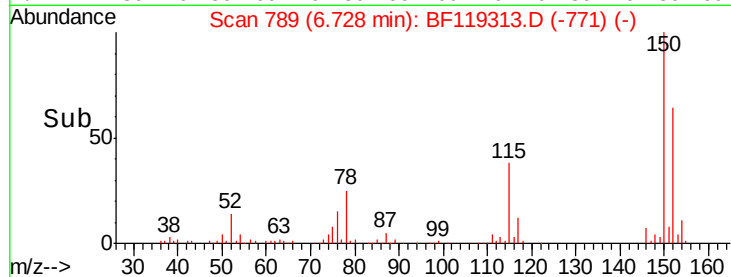
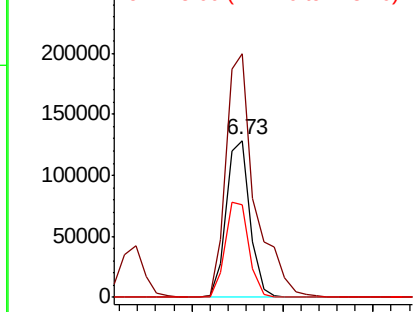
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 117387
Ion Ratio Lower Upper
152 100
150 155.2 123.0 184.6
115 59.2 49.5 74.3



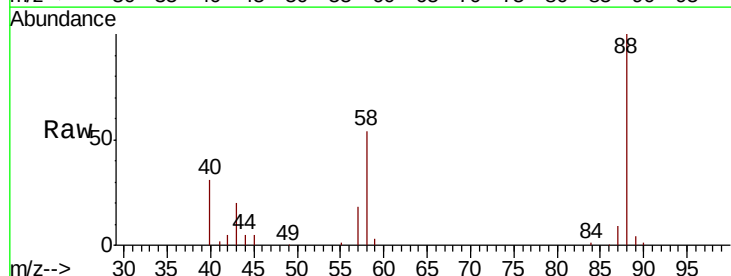
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



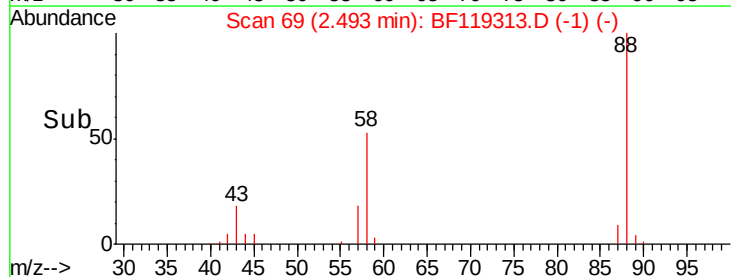
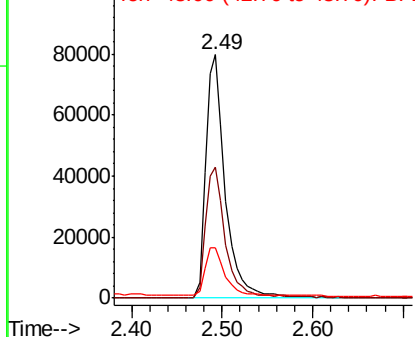
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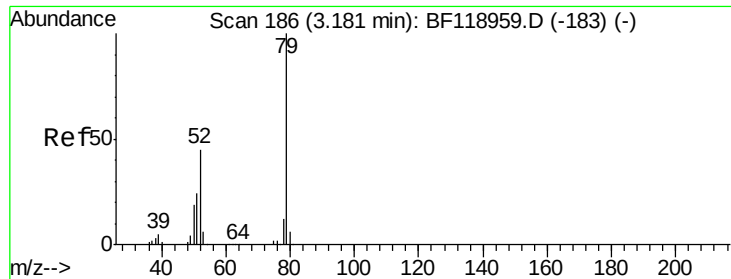
1,4-Dioxane
Concen: 38.341 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.11 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion: 88 Resp: 119907
Ion Ratio Lower Upper
88 100
58 55.8 43.8 65.6
43 20.1 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

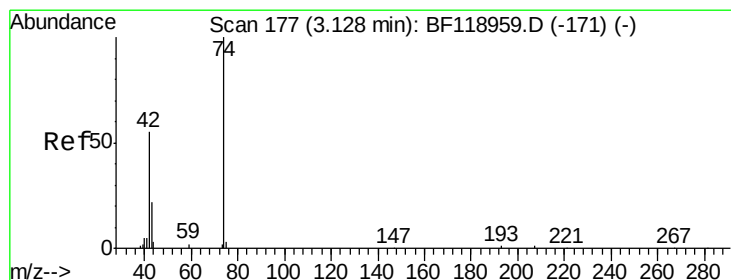
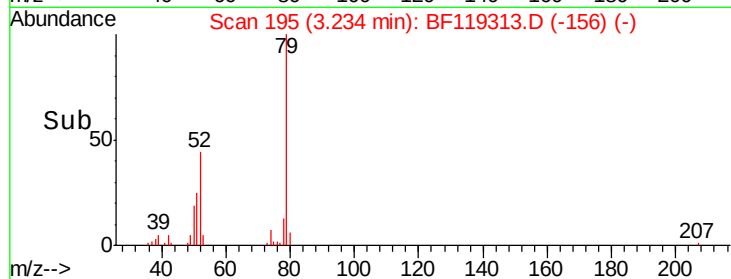
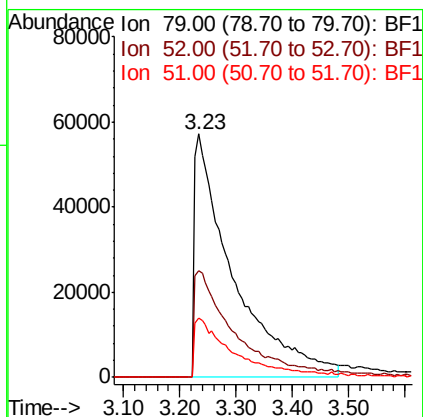
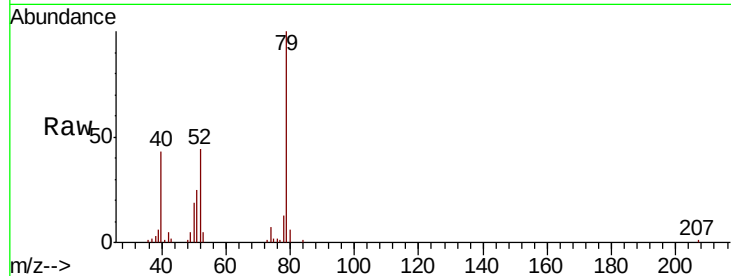




#3
 Pvridine
 Concen: 31.725 ng
 RT: 3.23 min Scan# 195
 Delta R.T. 0.13 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

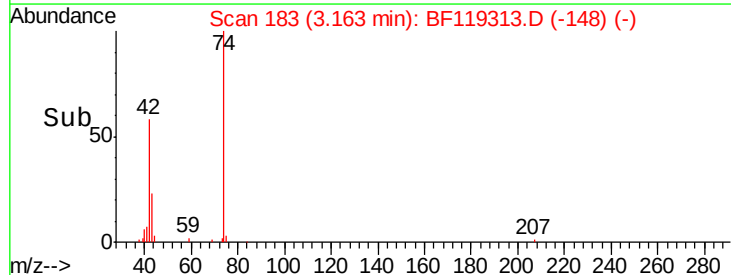
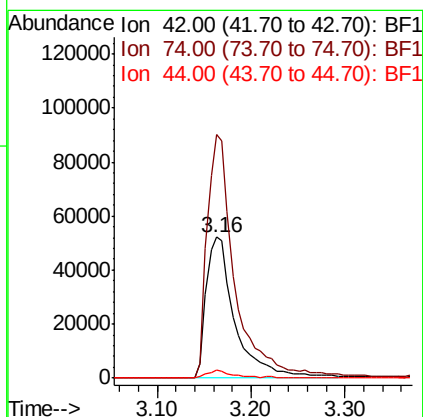
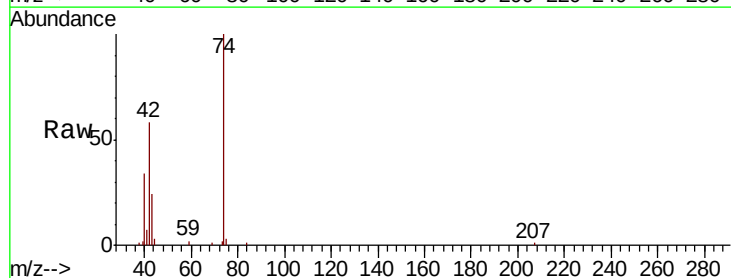
Instrument :
 BNA_F
 ClientSampleId :

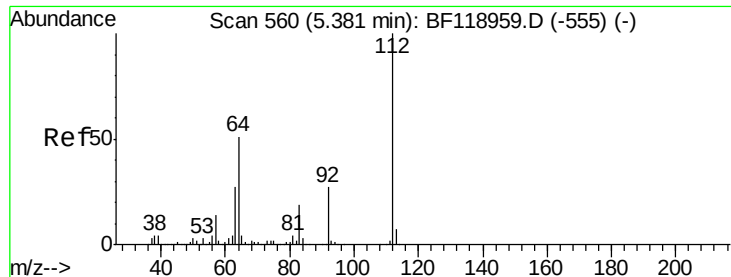
Tot Ion: 79 Resp: 270962
 Ion Ratio Lower Upper
 79 100
 52 43.6 37.4 56.0
 51 24.5 19.8 29.6



#4
 n-Nitrosodimethylamine
 Concen: 43.464 ng
 RT: 3.16 min Scan# 183
 Delta R.T. 0.11 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion: 42 Resp: 112456
 Ion Ratio Lower Upper
 42 100
 74 172.9 137.7 206.5
 44 5.4 4.5 6.7





#5

2-Fluorophenol

Concen: 123.994 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

ClientSampleId :

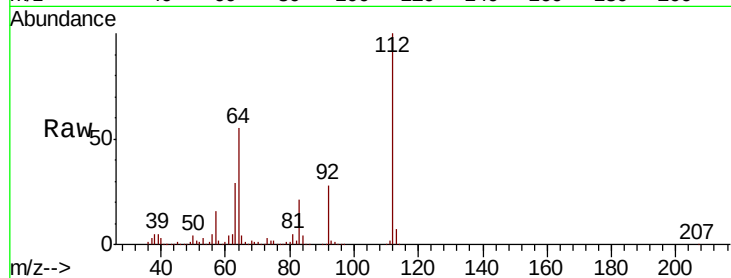
Tot Ion:112 Resp: 870958

Ion Ratio Lower Upper

112 100

64 55.3 45.0 67.4

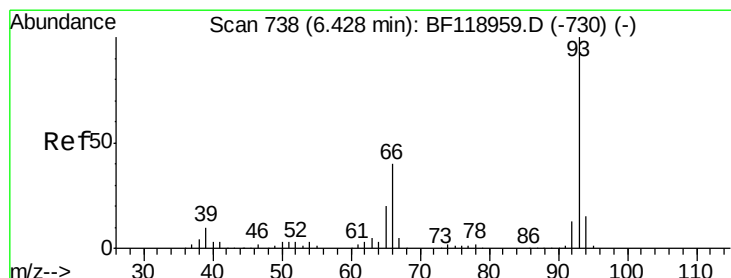
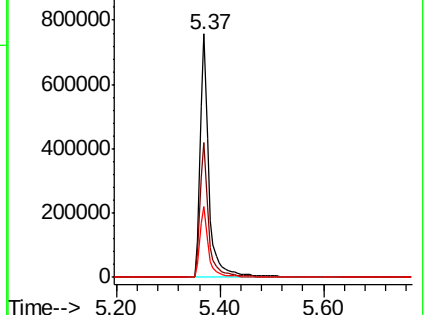
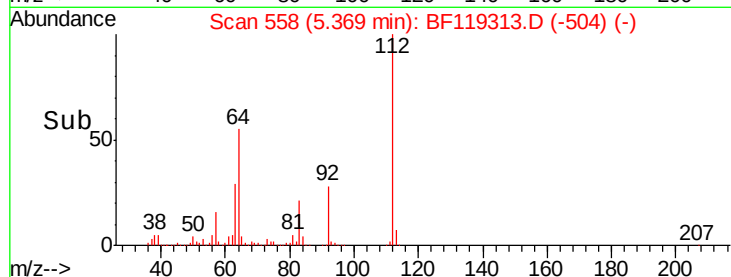
63 29.3 24.2 36.4



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: 30.115 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

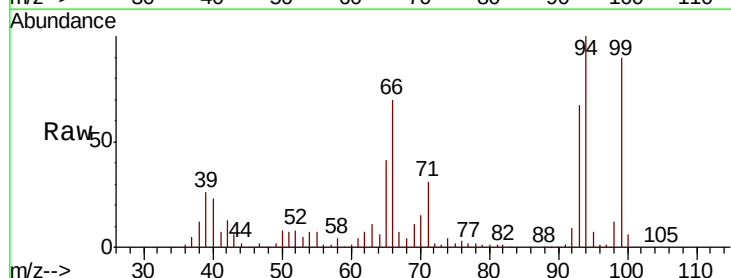
Tgt Ion: 93 Resp: 317440

Ion Ratio Lower Upper

93 100

66 104.2 74.5 111.7

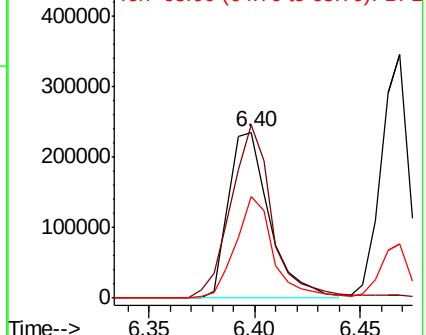
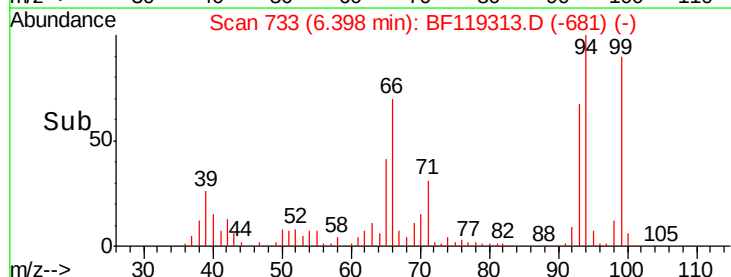
65 61.1 45.3 67.9

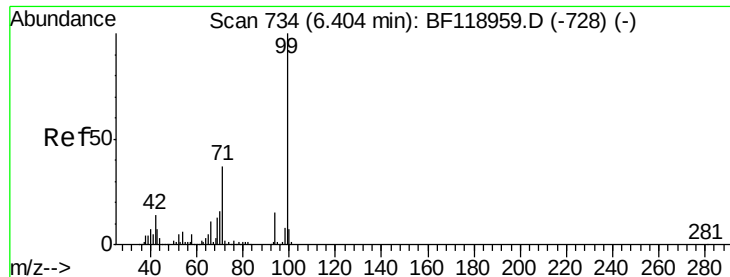


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.923 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

ClientSampled :

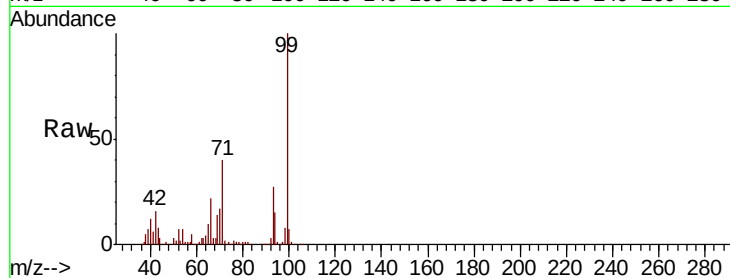
Tot Ion: 99 Resp: 1041555

Ion Ratio Lower Upper

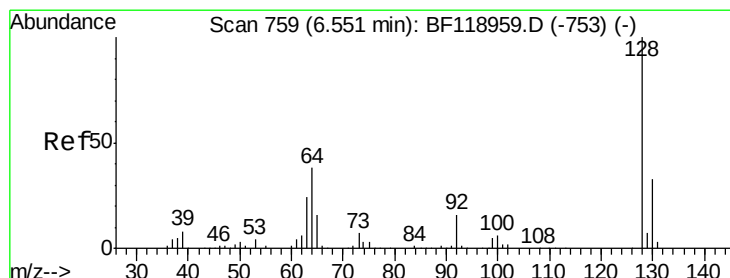
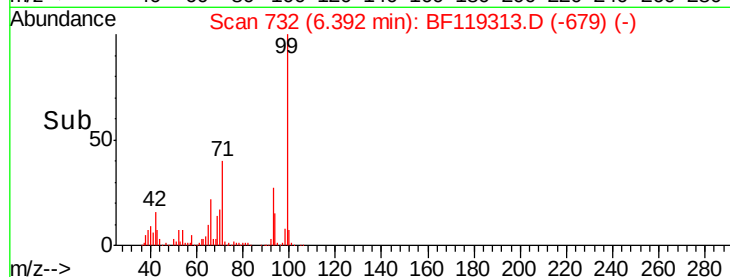
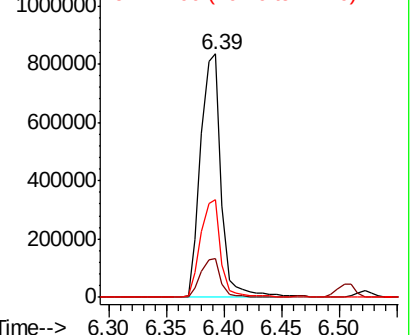
99 100

42 16.2 12.6 18.8

71 39.9 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: 46.823 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

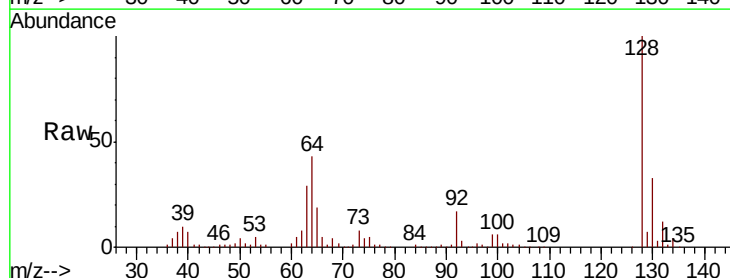
Tgt Ion: 128 Resp: 354939

Ion Ratio Lower Upper

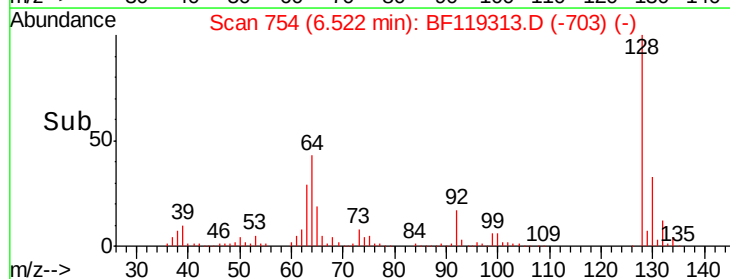
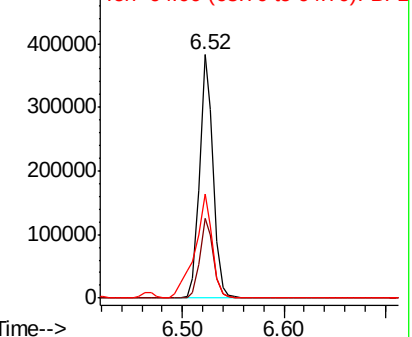
128 100

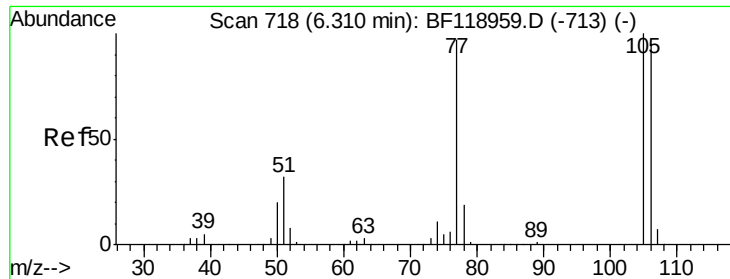
130 32.7 12.7 52.7

64 42.9 22.3 62.3



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

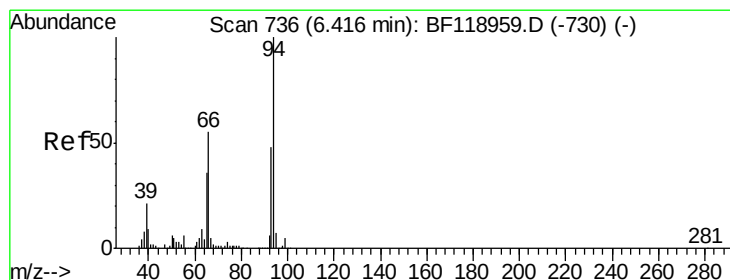
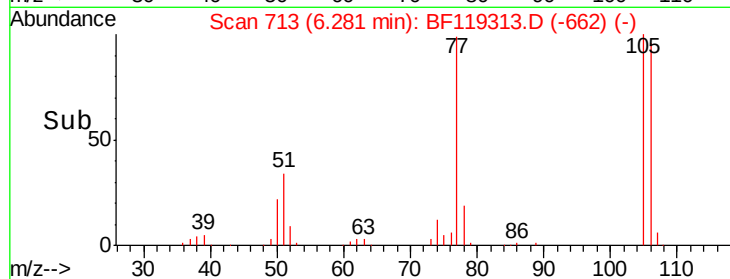
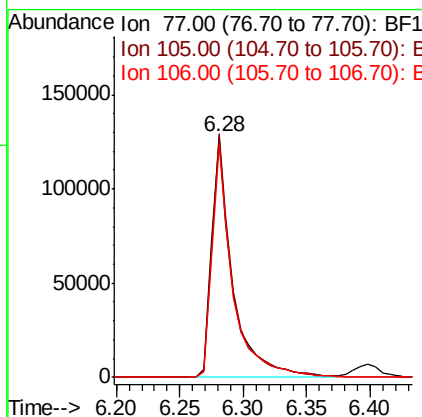
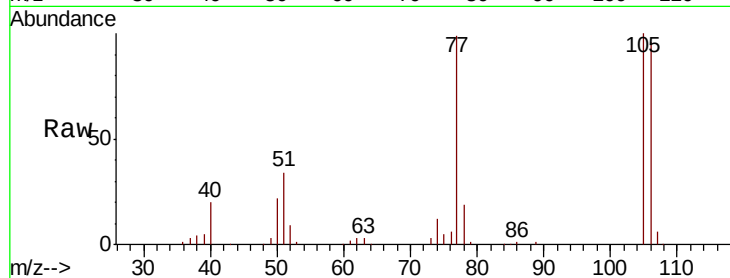




#9
Benzaldehyde
Concen: 25.863 ng
RT: 6.28 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

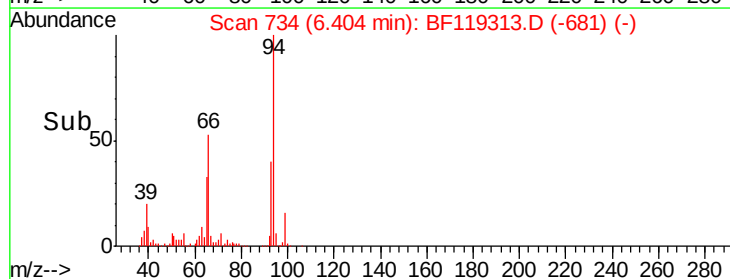
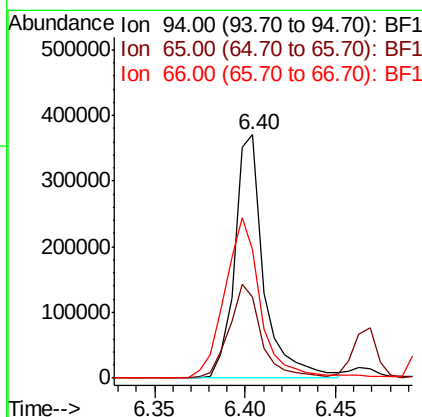
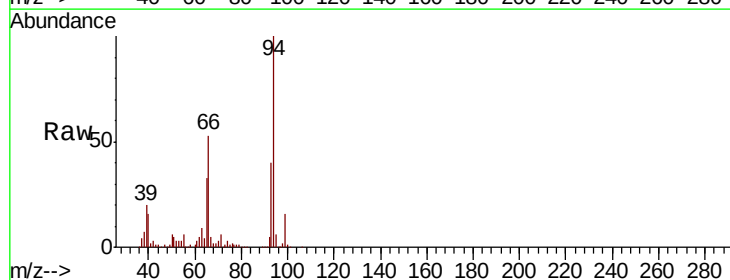
Instrument :
BNA_F
ClientSampleId :

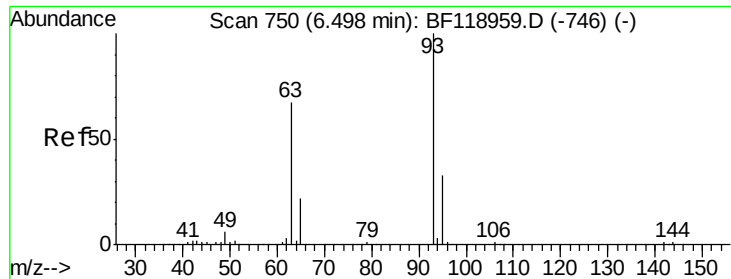
Tot Ion: 77 Resp: 147612
Ion Ratio Lower Upper
77 100
105 101.4 80.1 120.1
106 96.8 75.9 115.9



#10
Phenol
Concen: 45.065 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion: 94 Resp: 416227
Ion Ratio Lower Upper
94 100
65 33.4 19.2 59.2
66 52.5 44.4 84.4

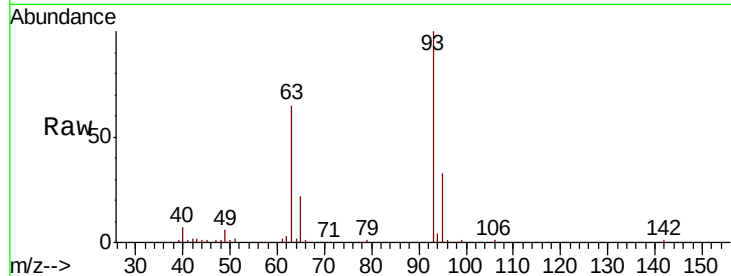




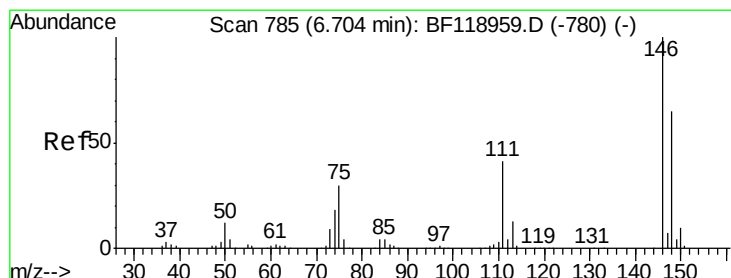
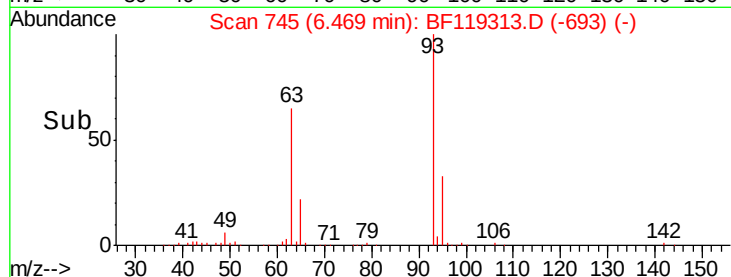
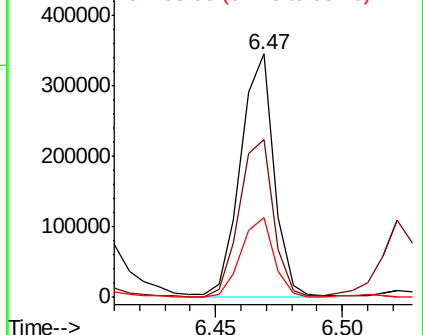
#11
bis(2-Chloroethyl)ether
Concen: 45.245 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 319745
Ion Ratio Lower Upper
93 100
63 64.8 45.4 85.4
95 32.5 13.5 53.5

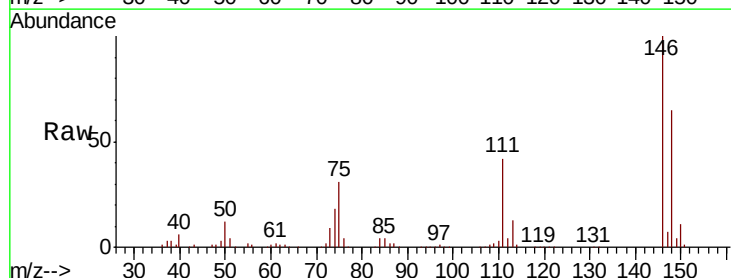


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

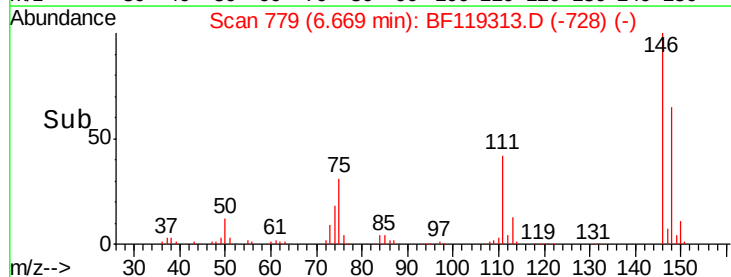
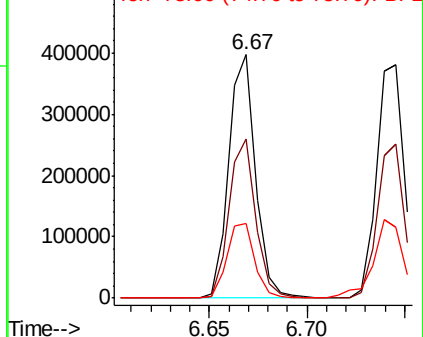


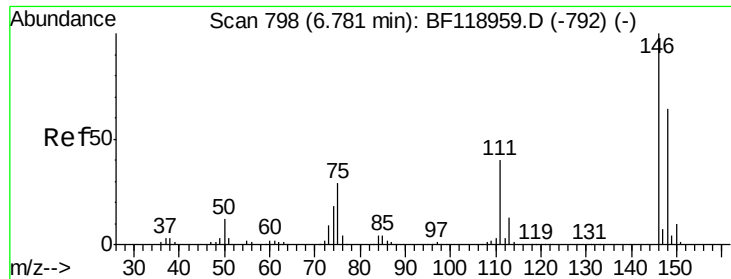
#12
1,3-Dichlorobenzene
Concen: 41.555 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion: 146 Resp: 377558
Ion Ratio Lower Upper
146 100
148 65.2 52.5 78.7
75 30.9 23.6 35.4



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

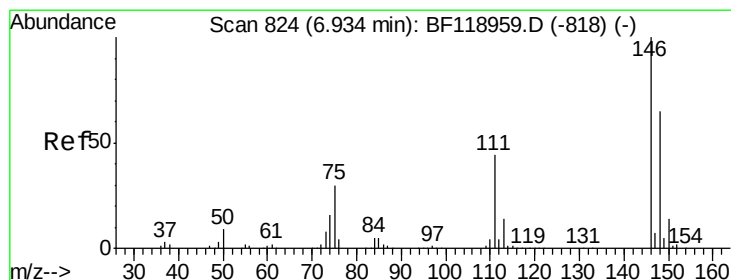
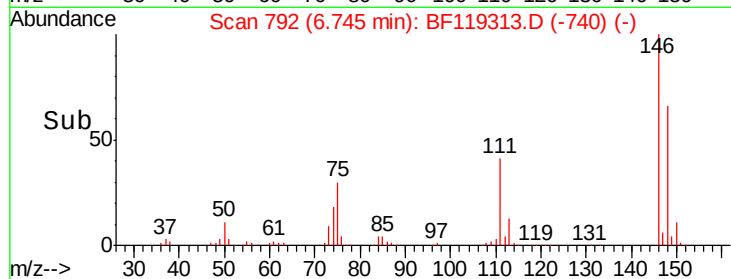
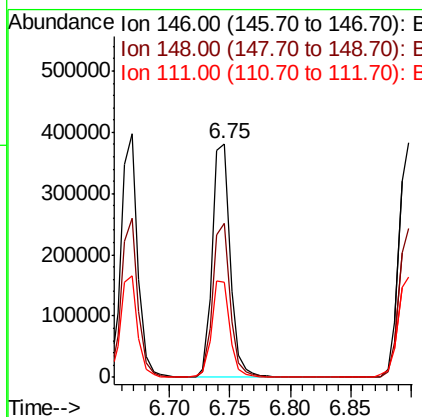
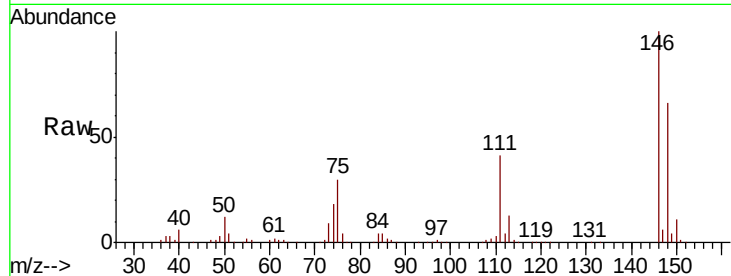




#13
 1,4-Dichlorobenzene
 Concen: 42.741 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

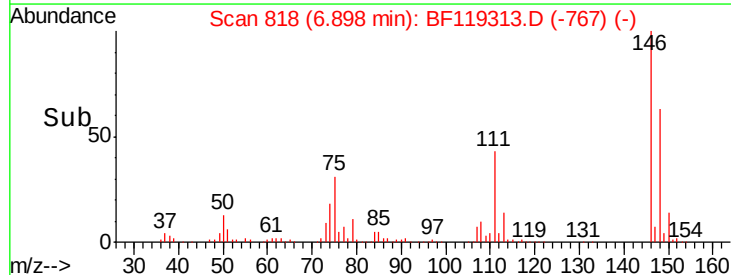
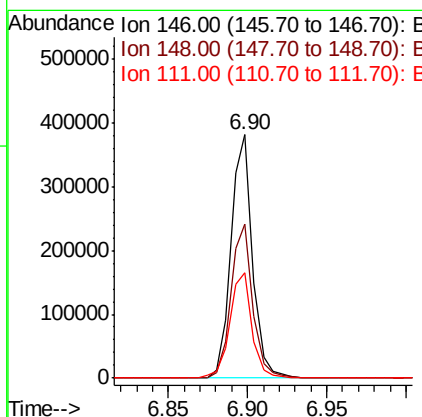
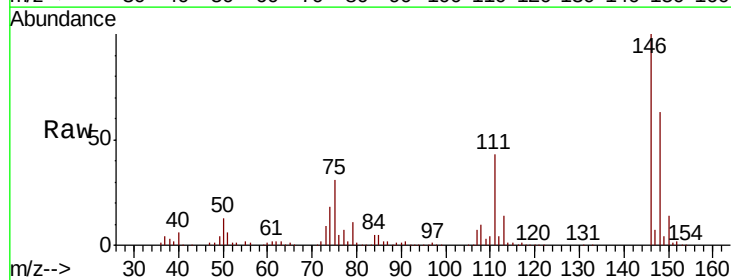
Instrument :
 BNA_F
 ClientSampleId :

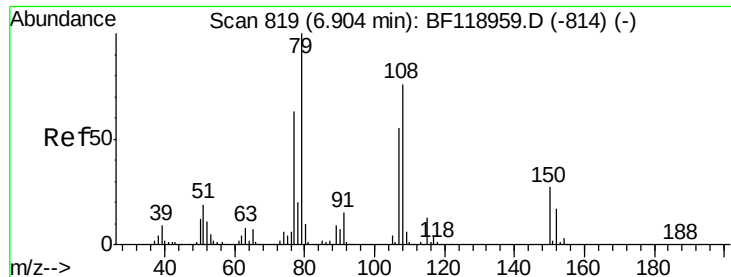
Tot Ion:146 Resp: 388594
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.1 76.7
 111 40.5 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 43.143 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion:146 Resp: 357738
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.9 77.9
 111 43.1 36.2 54.2

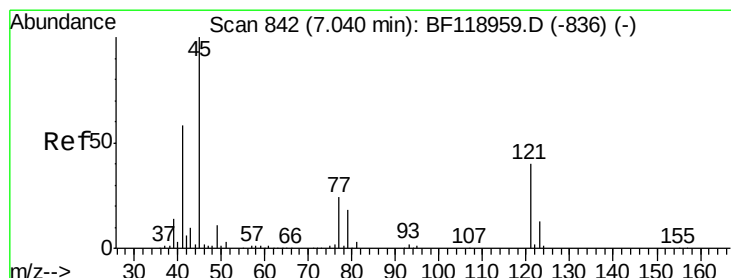
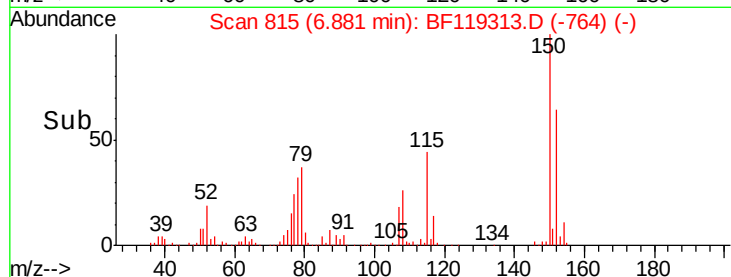
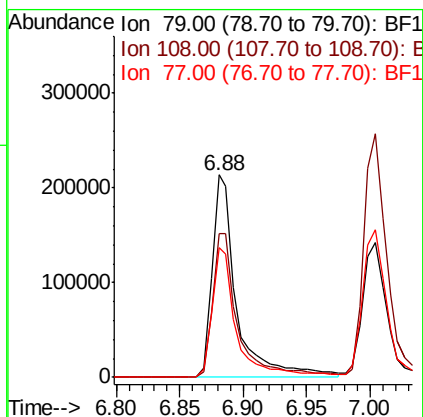
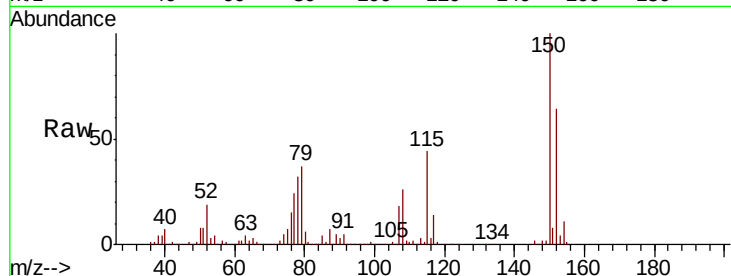




#15
Benzyl Alcohol
Concen: 47.258 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

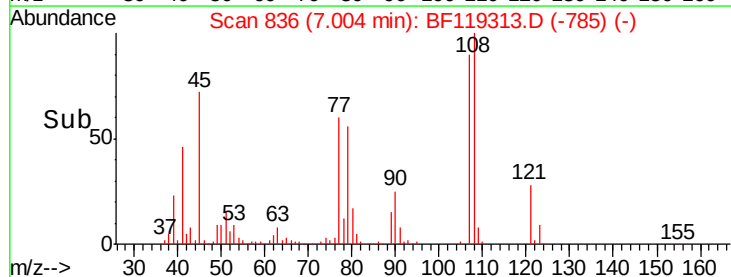
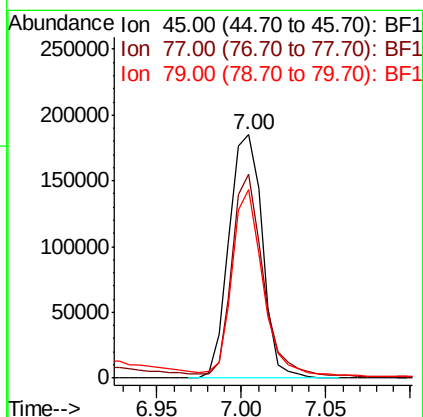
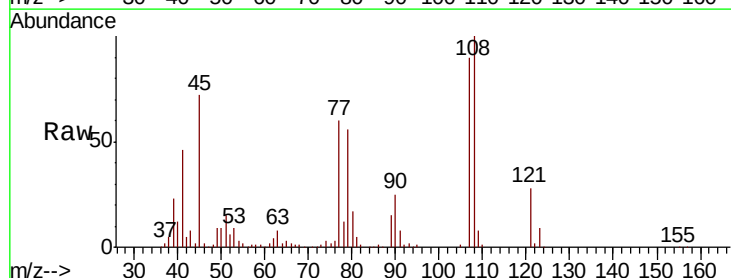
Instrument :
BNA_F
ClientSampleId :

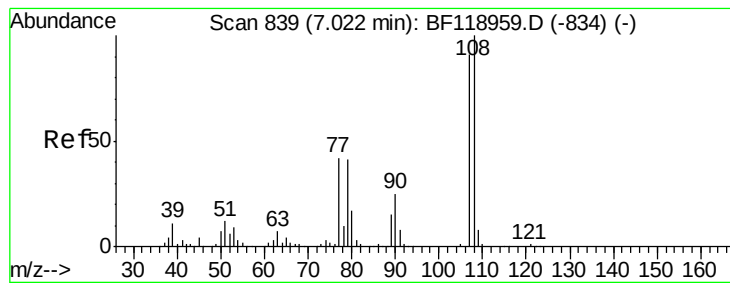
Tot Ion: 79 Resp: 291775
Ion Ratio Lower Upper
79 100
108 70.9 58.2 87.2
77 64.1 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.474 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion: 45 Resp: 253899
Ion Ratio Lower Upper
45 100
77 83.9 15.0 55.0#
79 77.3 9.4 49.4#

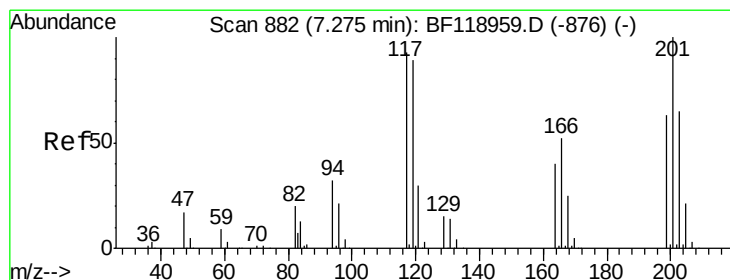
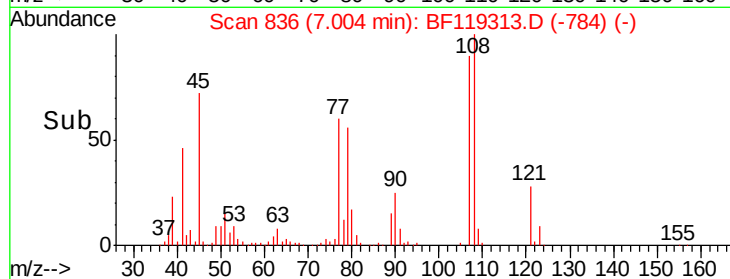
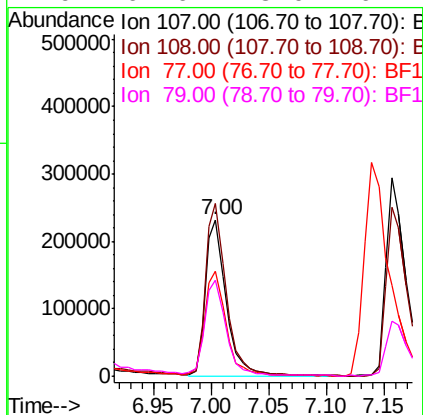
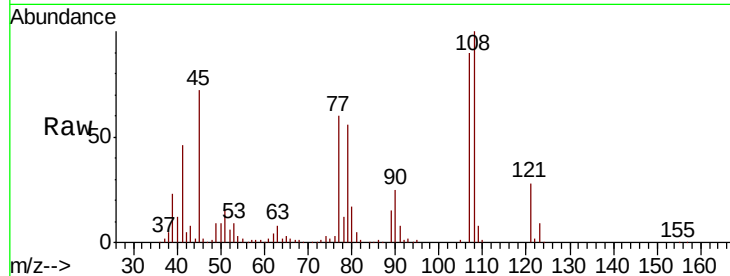




#17
2-Methylphenol
Concen: 47.356 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

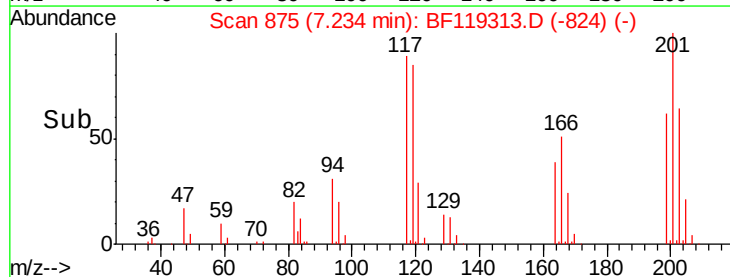
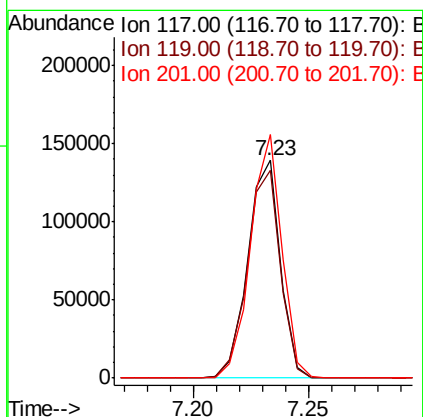
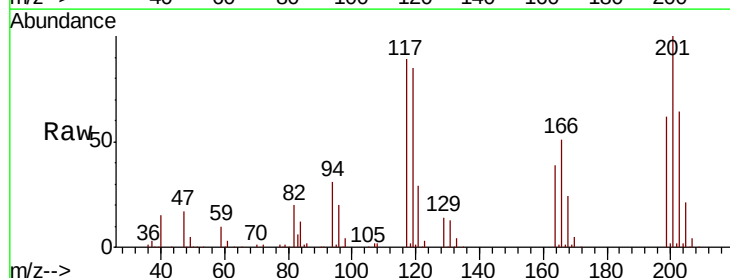
Instrument :
BNA_F
ClientSampled :

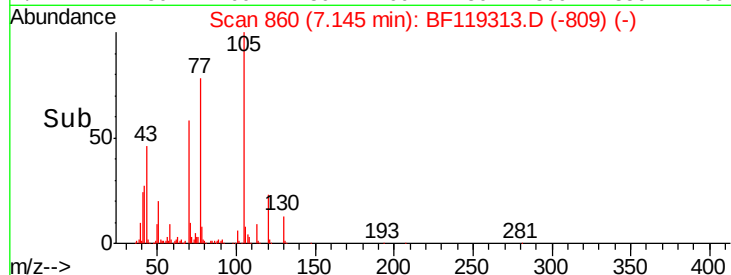
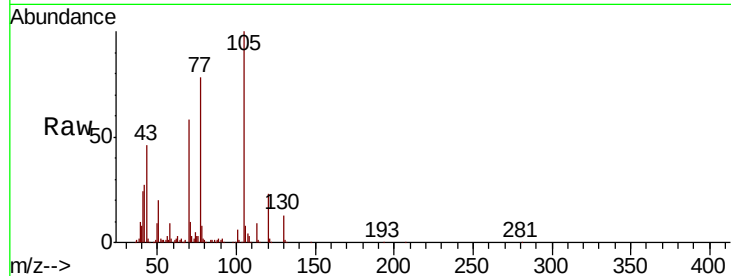
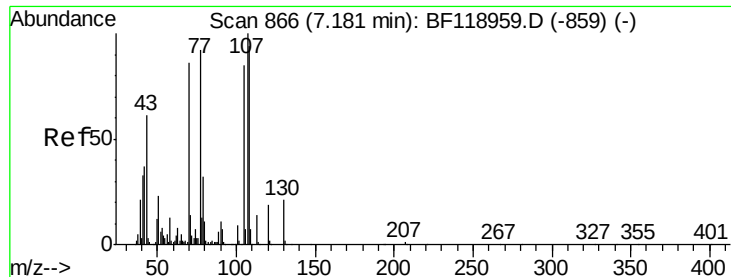
Tot Ion:	107	Resp:	291048
Ion	Ratio	Lower	Upper
107	100		
108	110.8	87.9	131.9
77	66.9	45.3	67.9
79	61.6	43.0	64.4



#18
Hexachloroethane
Concen: 42.228 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion:	117	Resp:	137358
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.5	116.3
201	111.8	82.6	123.8

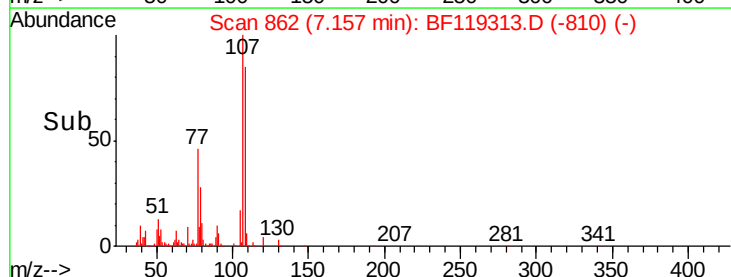
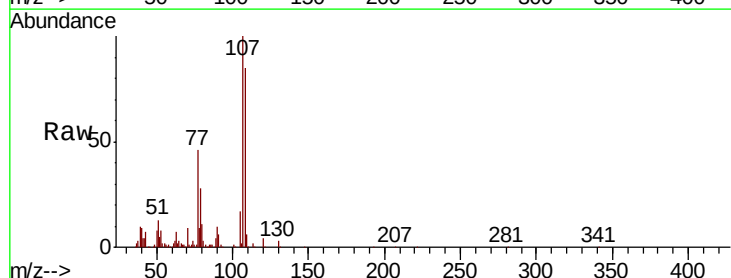
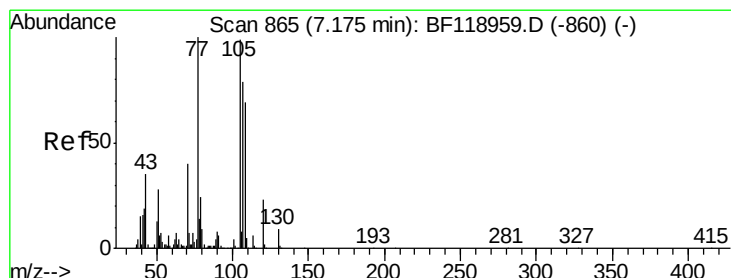
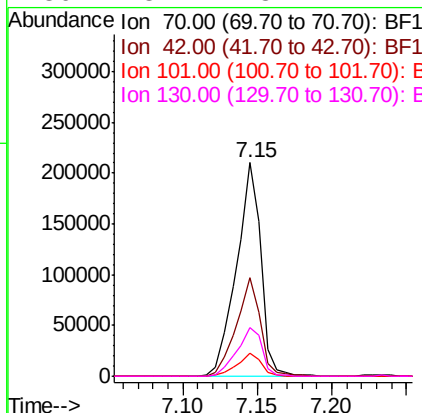




#19
n-Nitroso-di-n-propylamine
Concen: 48.213 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

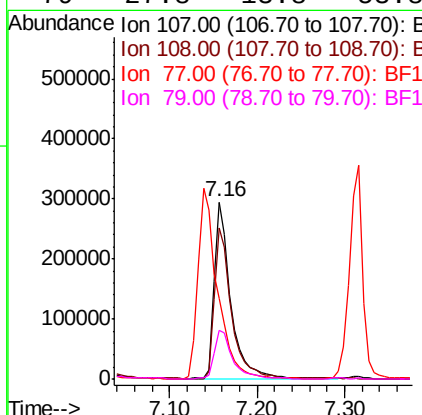
Instrument :
BNA_F
ClientSampleId :

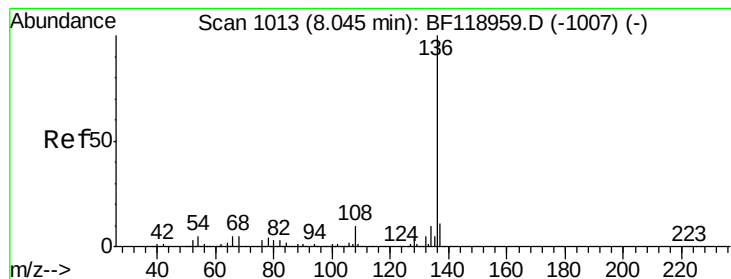
Tot Ion:	70	Resp:	239997
Ion	Ratio	Lower	Upper
70	100		
42	46.3	38.0	57.0
101	10.7	8.2	12.4
130	23.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 51.050 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion:	107	Resp:	384384
Ion	Ratio	Lower	Upper
107	100		
108	85.1	71.5	111.5
77	45.8	45.9	85.9#
79	27.8	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 456090

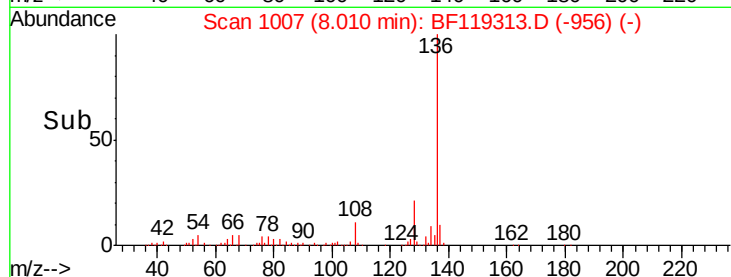
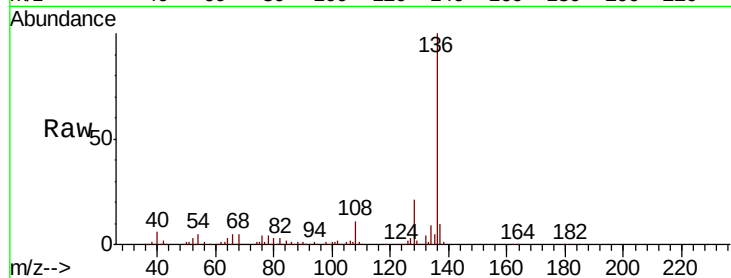
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 4.7 3.8 5.6

68 5.1 3.9 5.9



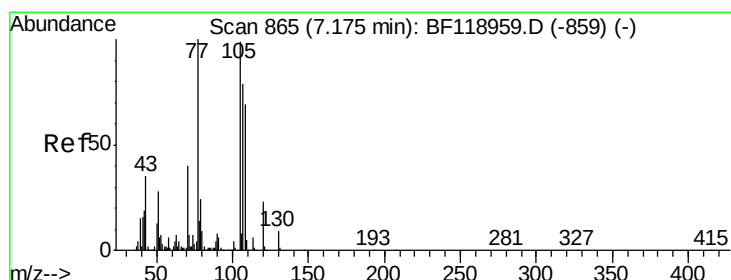
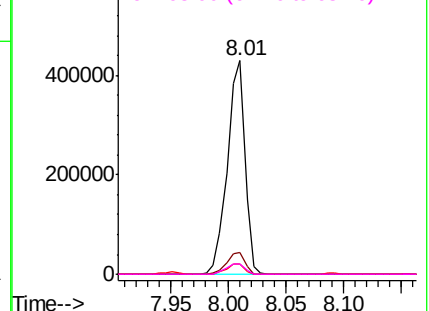
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.396 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Tgt Ion:105 Resp: 479051

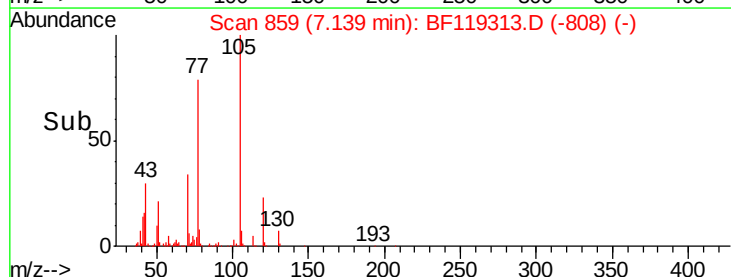
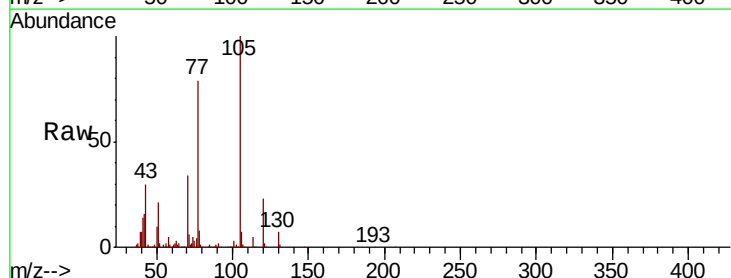
Ion Ratio Lower Upper

105 100

71 5.6 3.0 4.4#

51 20.9 20.1 30.1

120 22.6 18.0 27.0



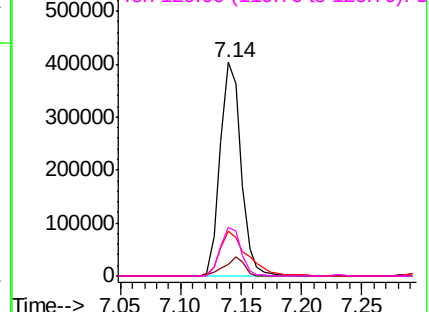
Abundance

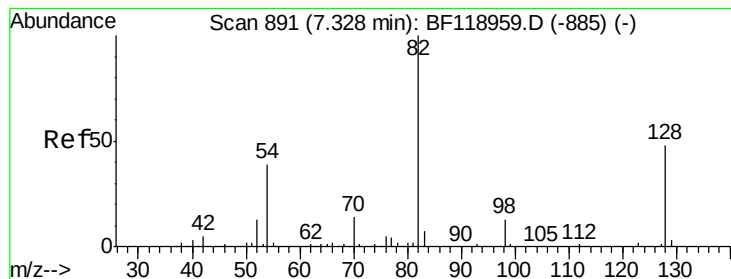
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 73.393 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

ClientSampleId :

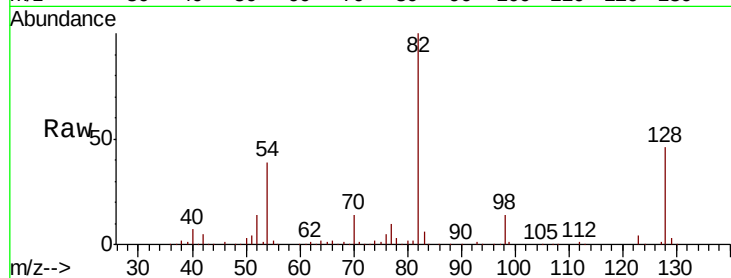
Tot Ion: 82 Resp: 633970

Ion Ratio Lower Upper

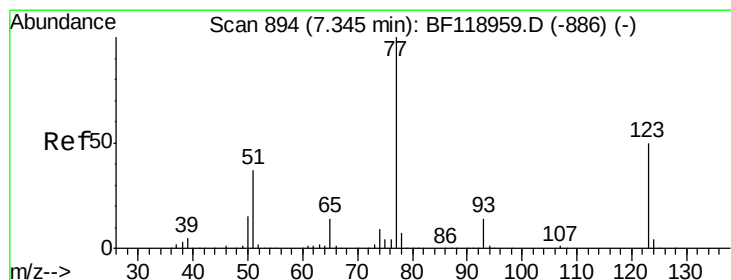
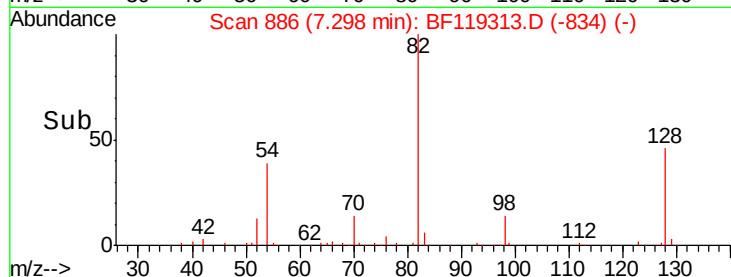
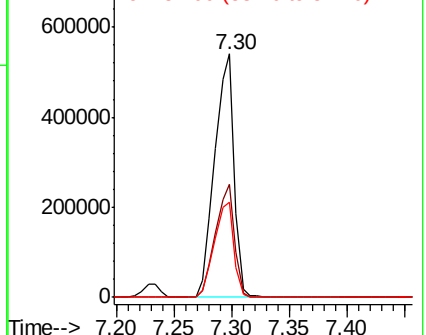
82 100

128 46.2 37.9 56.9

54 39.3 33.4 50.2



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



#24

Nitrobenzene

Concen: 43.893 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

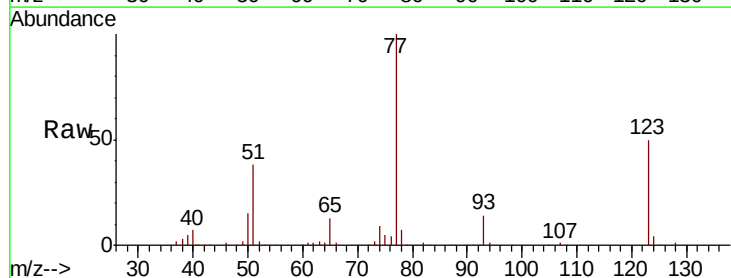
Tgt Ion: 77 Resp: 374939

Ion Ratio Lower Upper

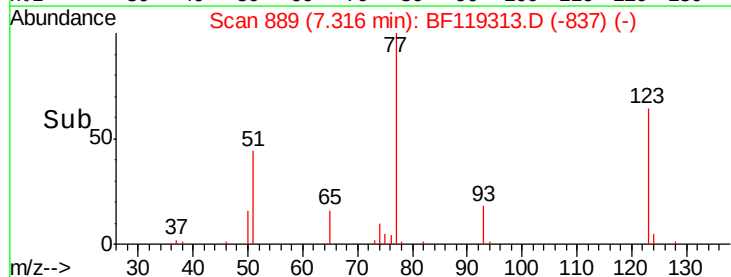
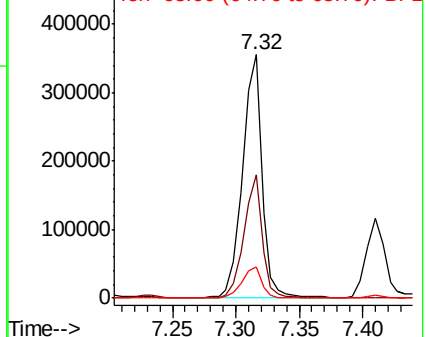
77 100

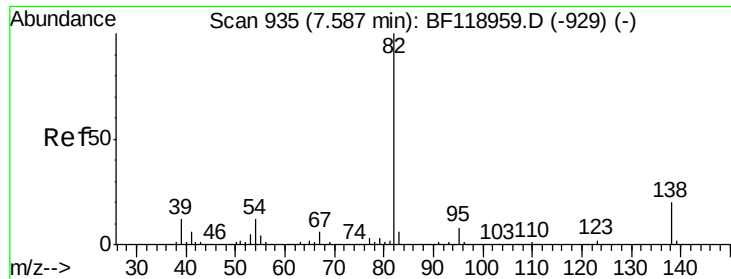
123 50.5 40.2 60.2

65 13.1 10.8 16.2



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

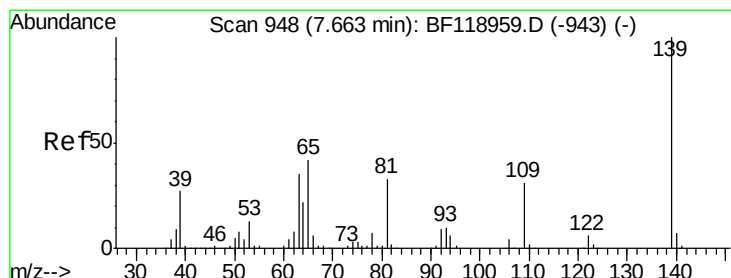
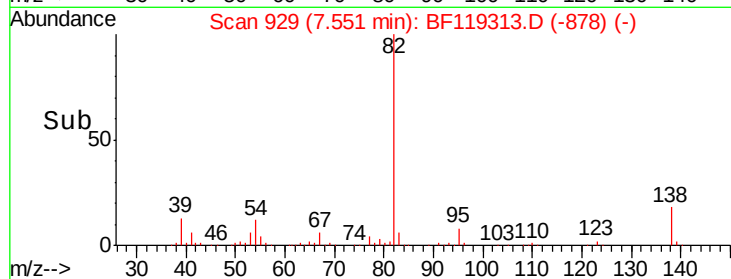
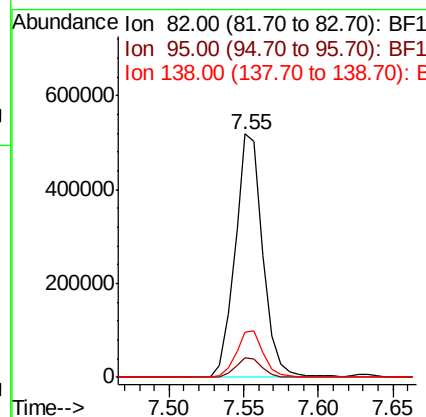
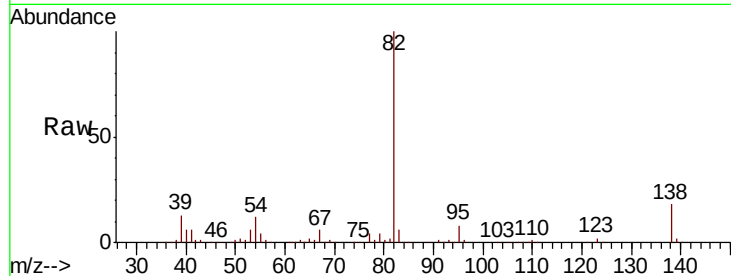




#25
Isophorone
Concen: 44.931 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

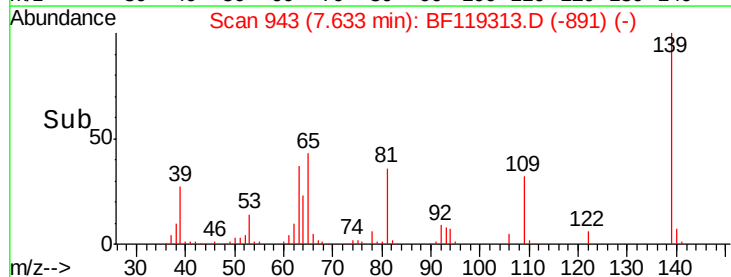
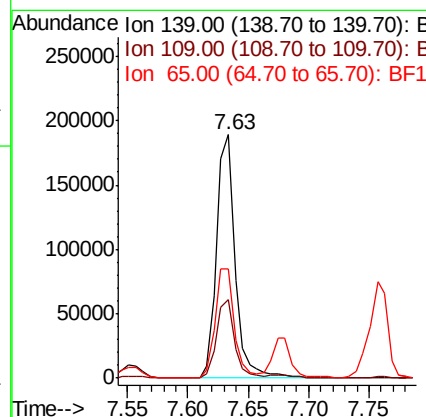
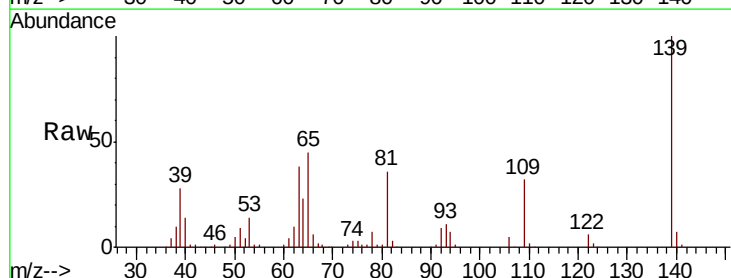
Instrument :
BNA_F
ClientSampleId :

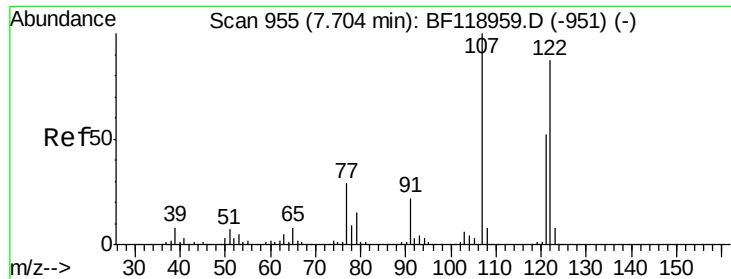
Tot Ion: 82 Resp: 674047
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.3 15.7 23.5



#26
2-Nitrophenol
Concen: 44.391 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion: 139 Resp: 200918
Ion Ratio Lower Upper
139 100
109 32.1 25.7 38.5
65 45.0 37.1 55.7

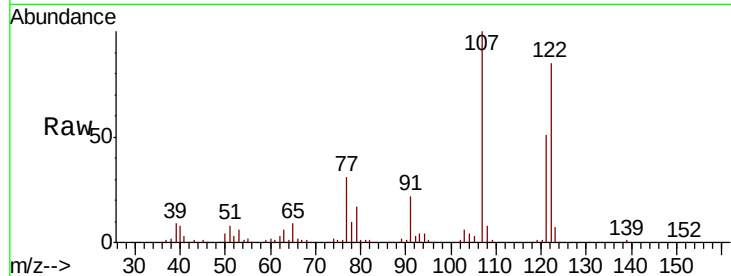




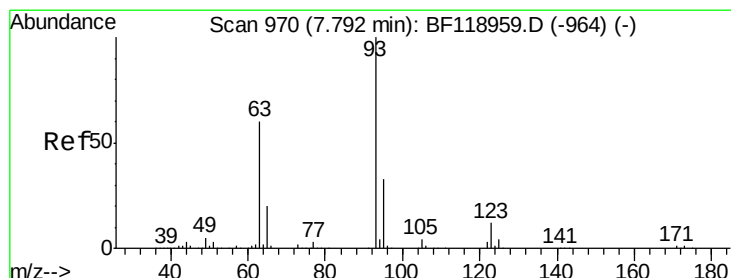
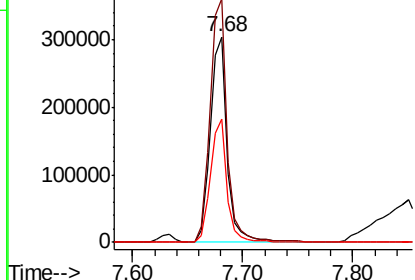
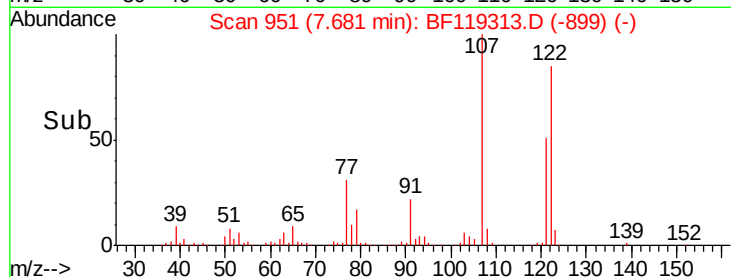
#27
 2,4-Dimethylphenol
 Concen: 50.709 ng
 RT: 7.68 min Scan# 951
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 311490
 Ion Ratio Lower Upper
 122 100
 107 118.3 93.8 140.6
 121 59.8 48.2 72.2

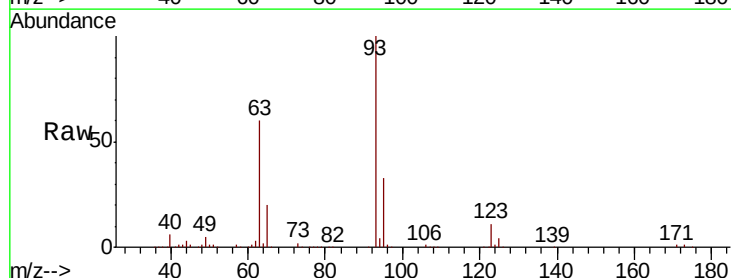


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

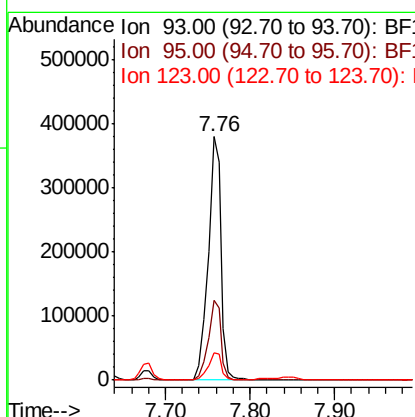
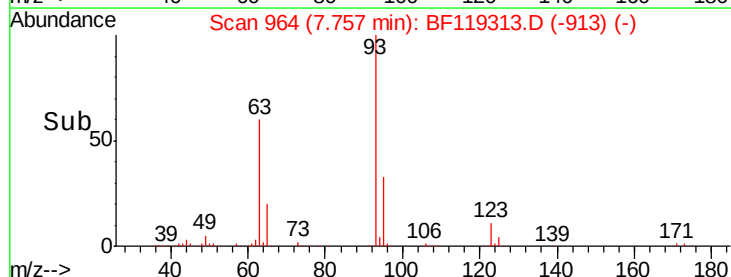


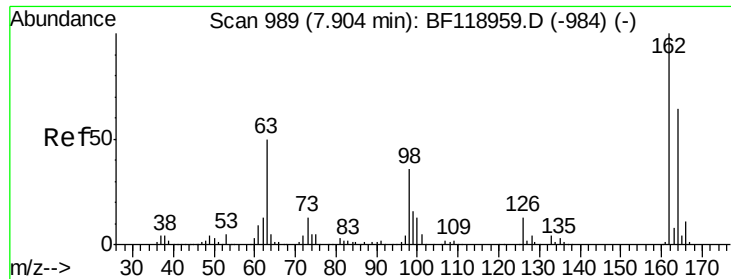
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.878 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion: 93 Resp: 408917
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 11.4 10.2 15.2



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

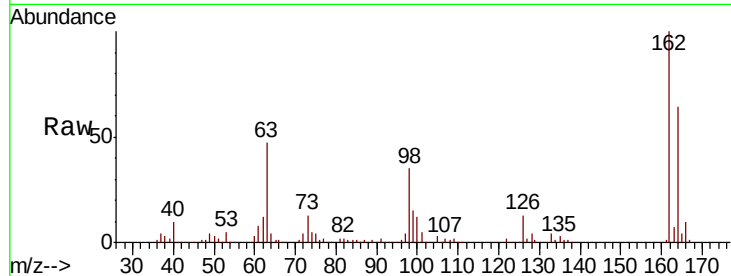




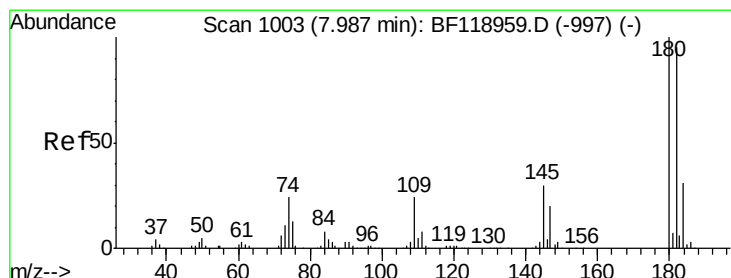
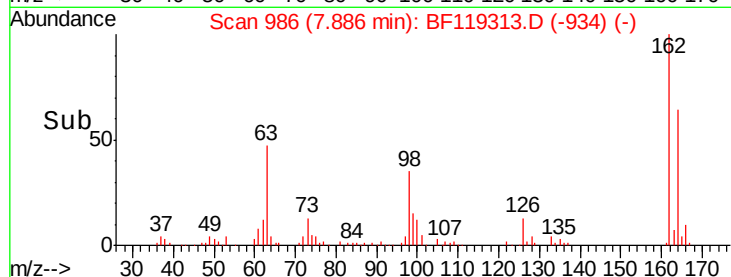
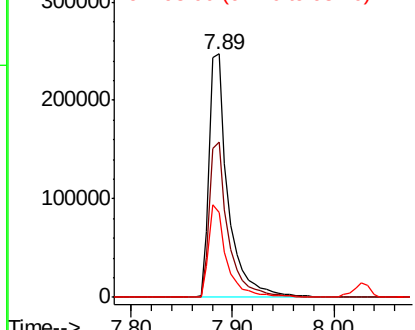
#29
 2,4-Dichlorophenol
 Concen: 44.426 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.2	85.2
98	34.9	17.4	57.4

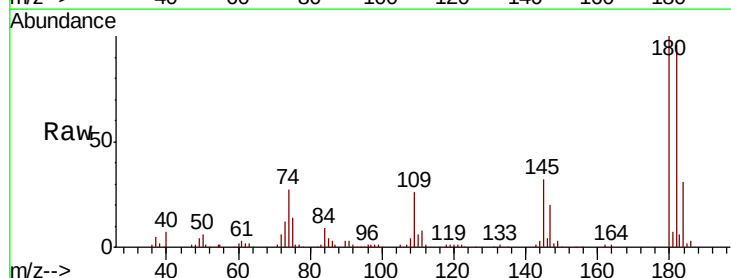


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

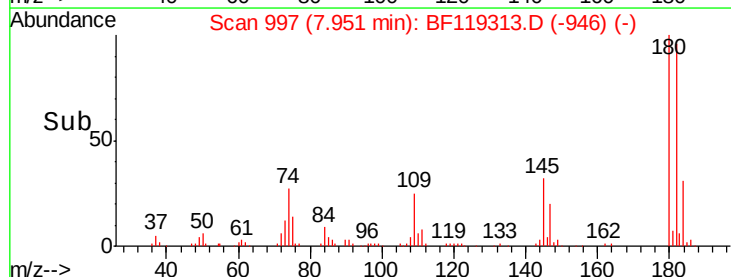
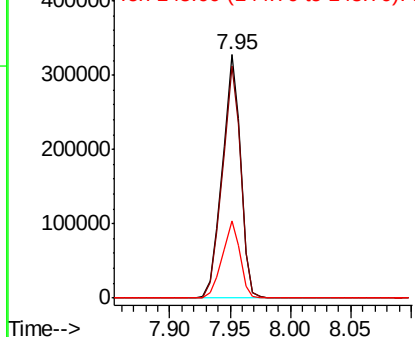


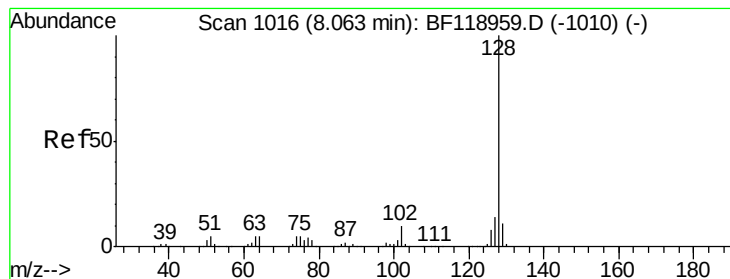
#30
 1,2,4-Trichlorobenzene
 Concen: 39.716 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.8	116.6
145	31.7	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: 43.311 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

ClientSampleId :

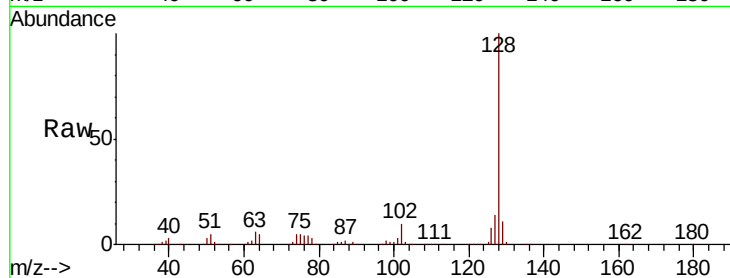
Tot Ion:128 Resp: 1024451

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

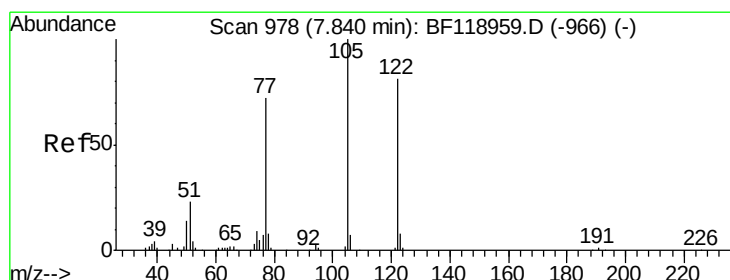
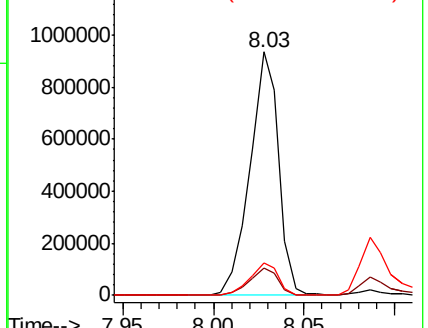
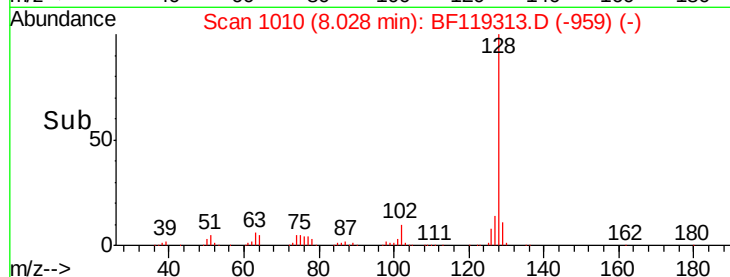
127 13.5 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.782 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

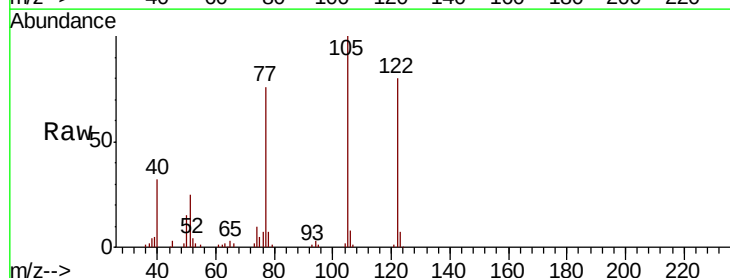
Tgt Ion:122 Resp: 156731

Ion Ratio Lower Upper

122 100

105 124.6 106.3 146.3

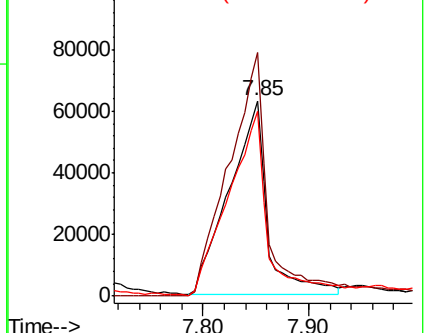
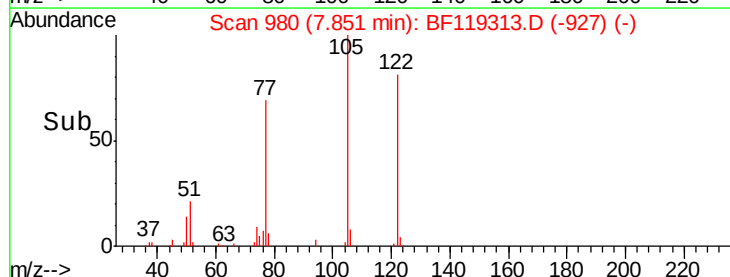
77 94.6 73.1 113.1

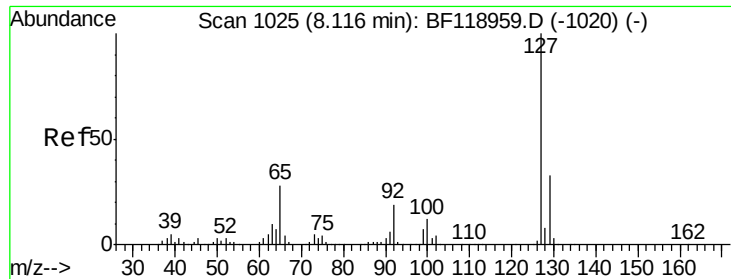


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

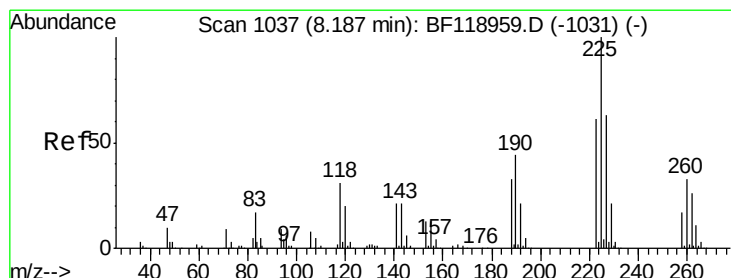
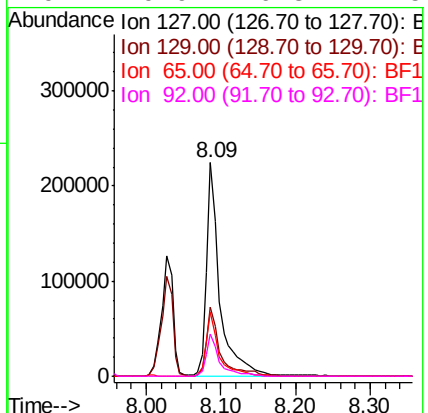
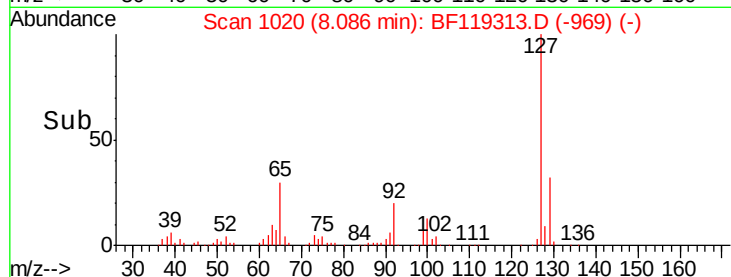
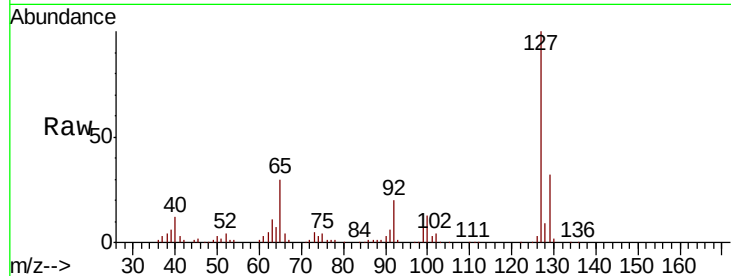




#33
4-Chloroaniline
Concen: 27.554 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

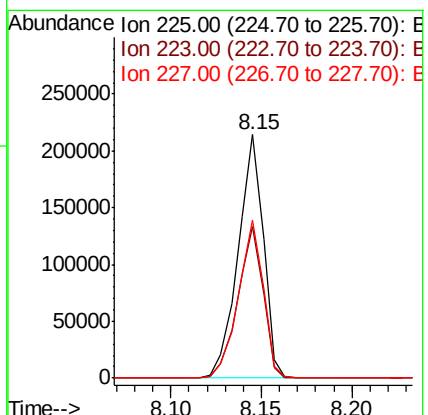
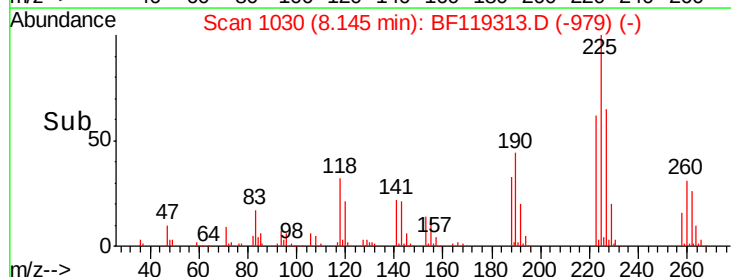
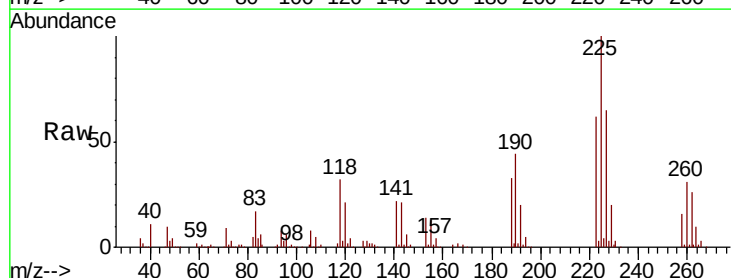
Instrument :
BNA_F
ClientSampleId :

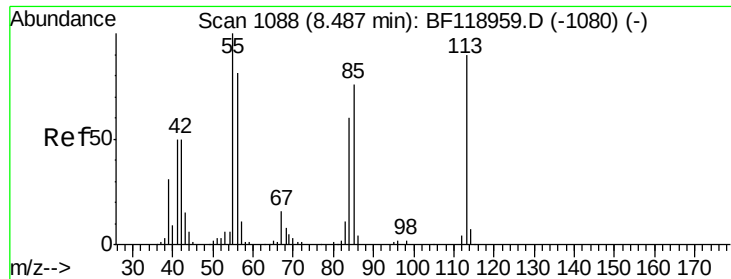
Tot Ion:	127	Resp:	280323
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	30.0	23.9	35.9
92	19.9	16.3	24.5



#34
Hexachlorobutadiene
Concen: 38.759 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion:	225	Resp:	206996
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.4	74.2
227	64.9	52.9	79.3

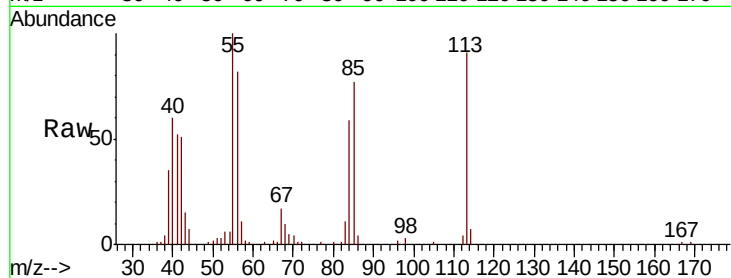




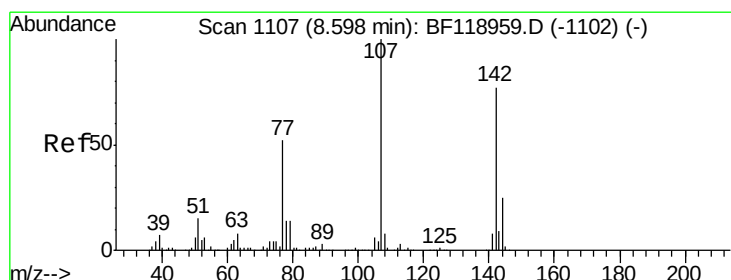
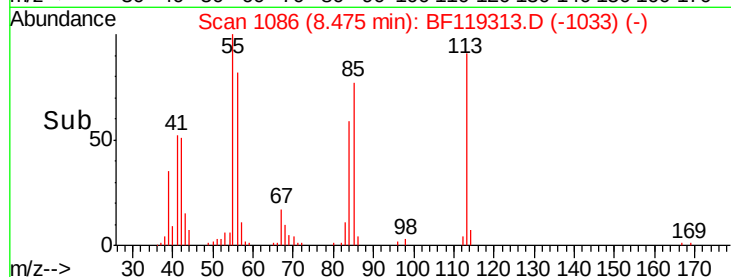
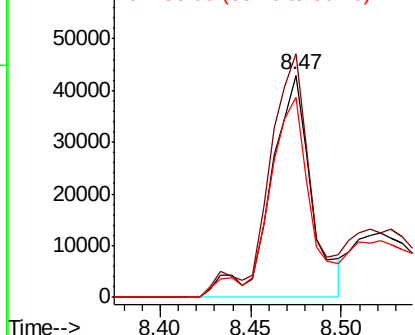
#35
Caprolactam
Concen: 30.071 ng
RT: 8.47 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 66958
Ion Ratio Lower Upper
113 100
55 109.7 95.7 135.7
56 90.0 73.1 113.1

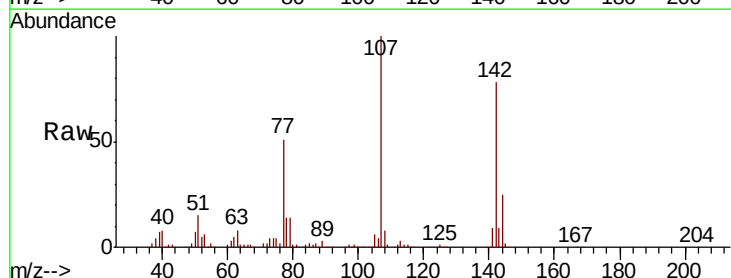


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

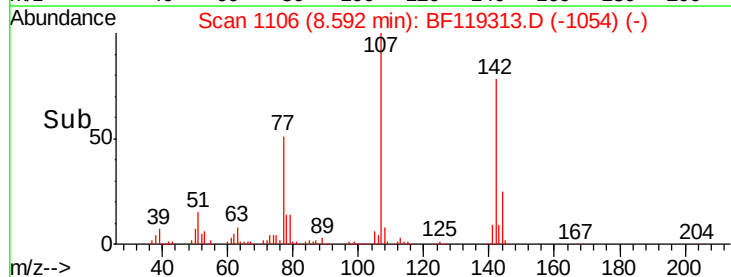
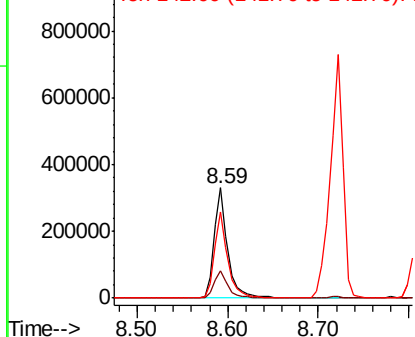


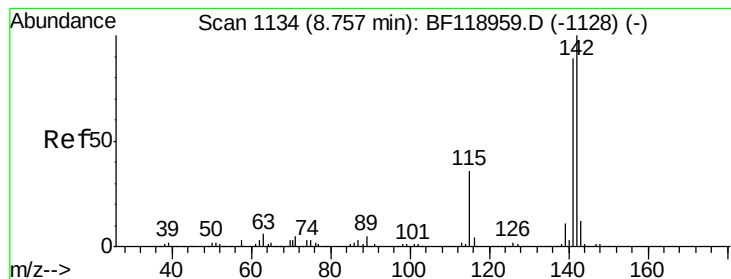
#36
4-Chloro-3-methylphenol
Concen: 47.061 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion:107 Resp: 344415
Ion Ratio Lower Upper
107 100
144 25.2 20.1 30.1
142 78.1 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: 44.926 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

ClientSampled :

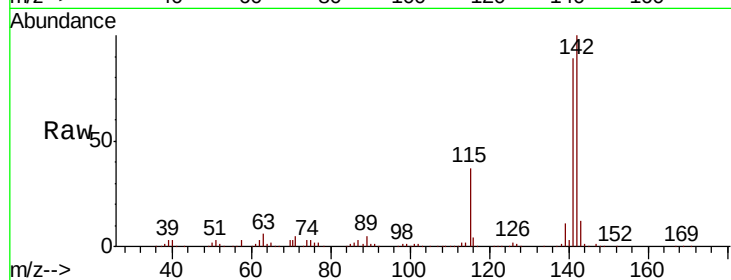
Tot Ion:142 Resp: 715140

Ion Ratio Lower Upper

142 100

141 89.1 72.3 108.5

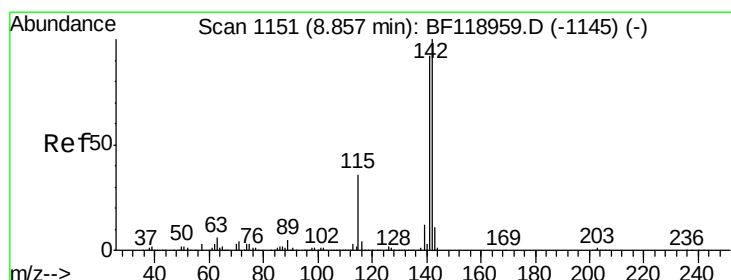
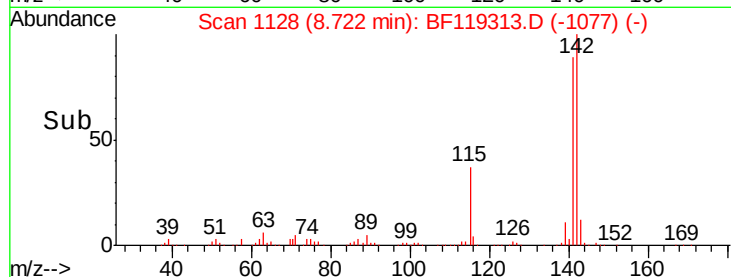
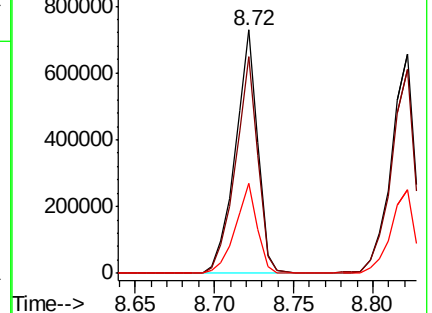
115 36.8 30.6 45.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.413 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

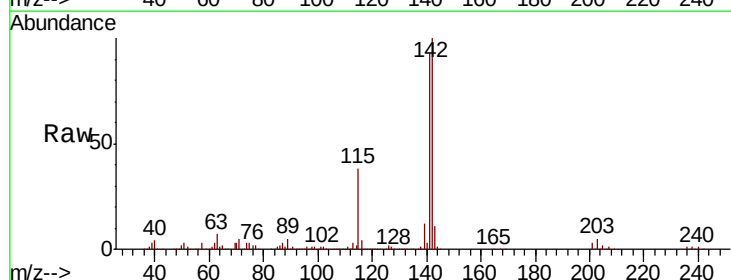
Tgt Ion:142 Resp: 664872

Ion Ratio Lower Upper

142 100

141 93.2 75.8 113.6

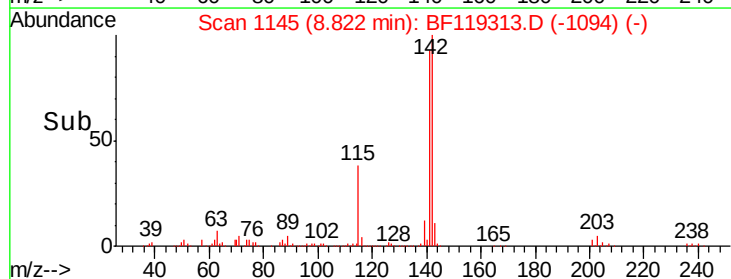
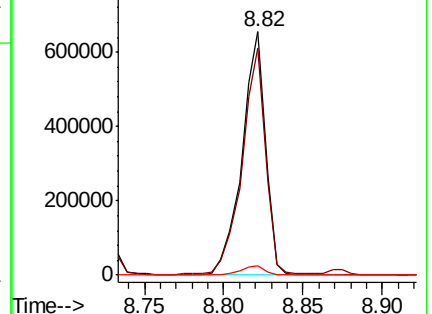
116 3.9 3.1 4.7

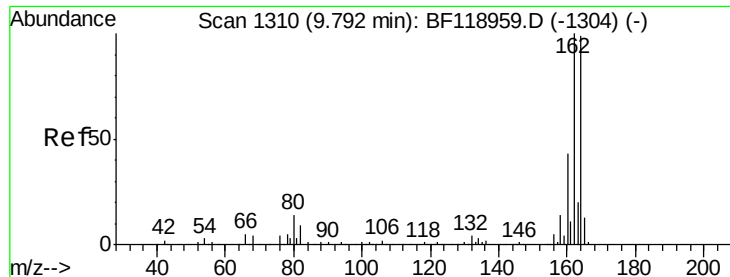


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

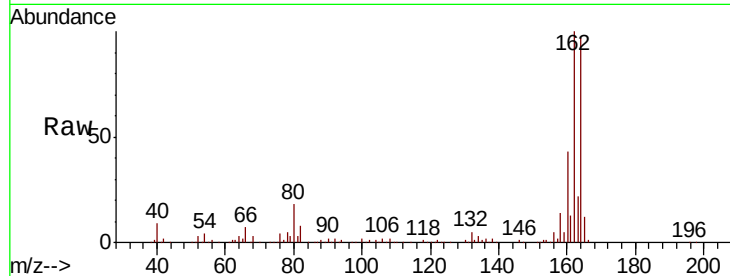




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.8	122.8
160	44.8	36.0	54.0

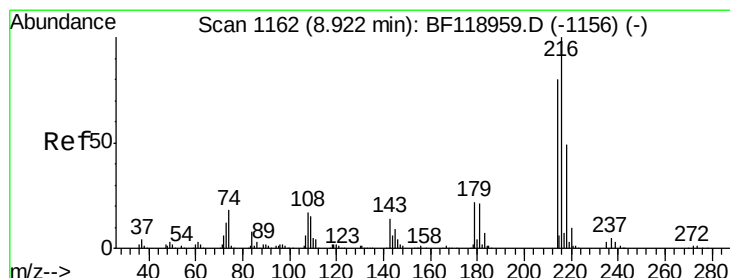
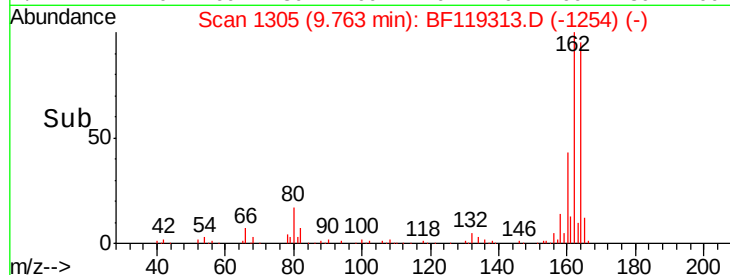
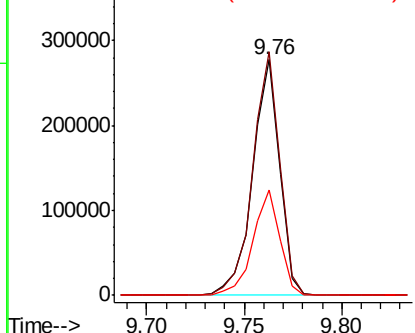


Abundance

Ion 164.00 (163.70 to 164.70): E

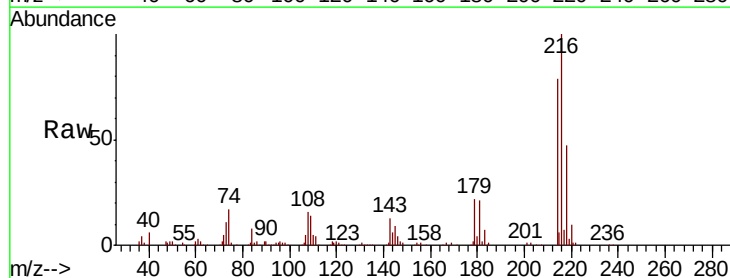
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.793 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	21.8	17.7	26.5
108	17.4	13.9	20.9



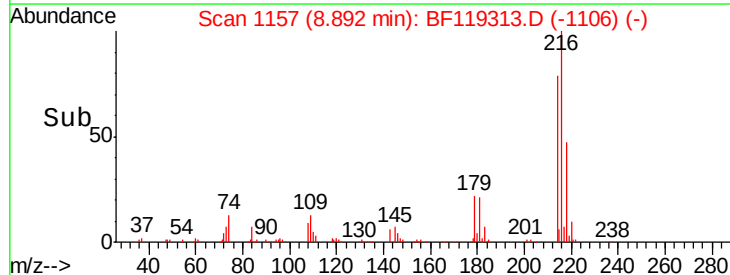
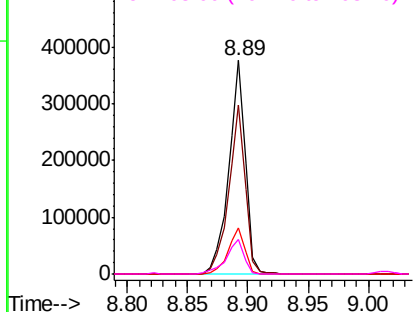
Abundance

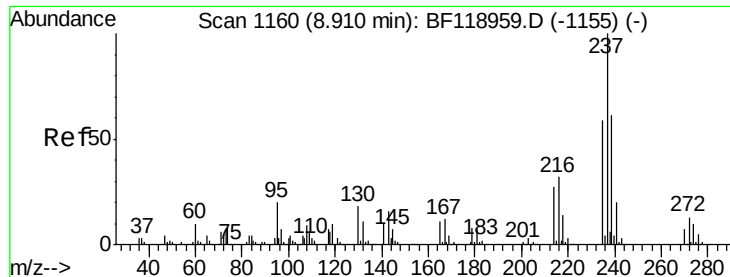
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

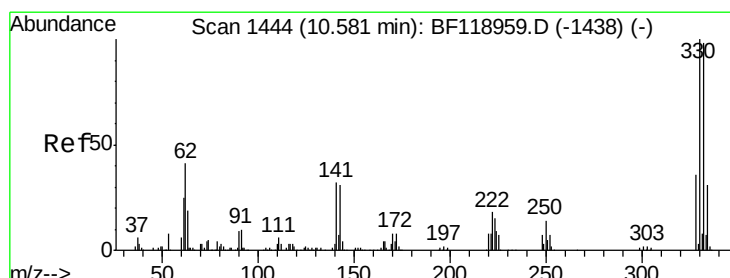
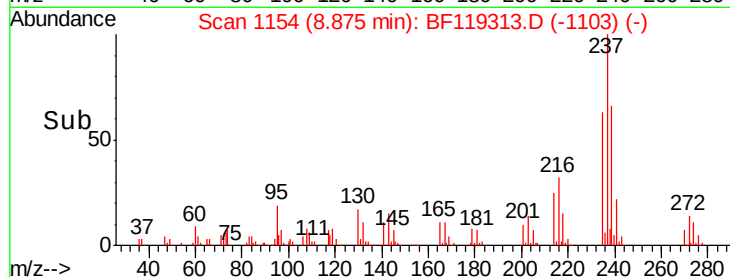
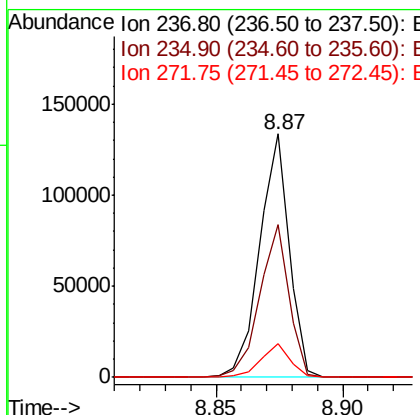
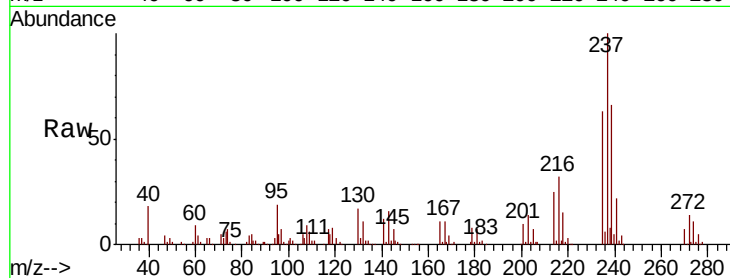




#41
Hexachlorocyclopentadiene
Concen: 38.999 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

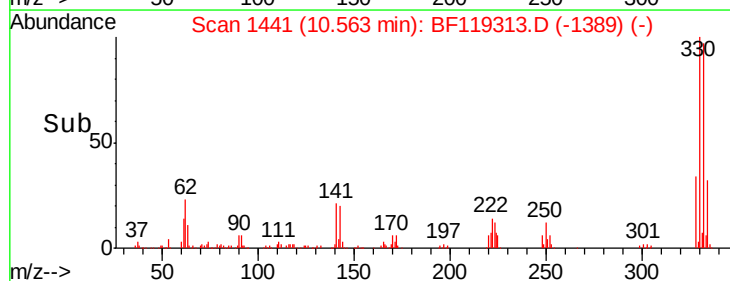
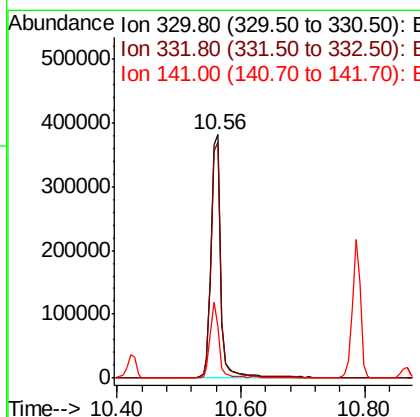
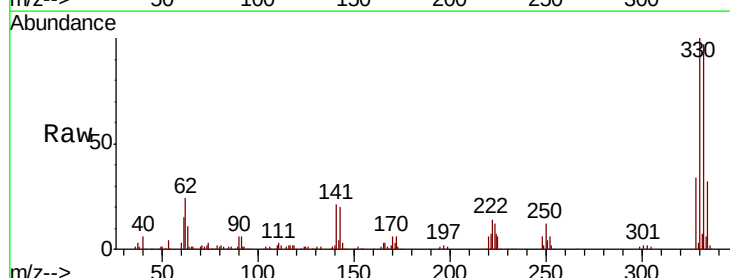
Instrument :
BNA_F
ClientSampleId :

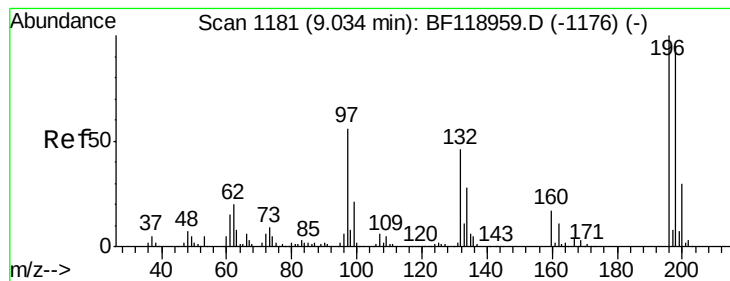
Tot Ion:237 Resp: 109423
Ion Ratio Lower Upper
237 100
235 62.6 42.3 82.3
272 14.0 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 117.136 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion:330 Resp: 407304
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 28.5 22.9 34.3

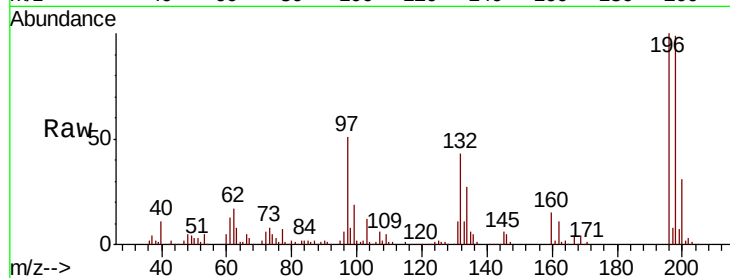




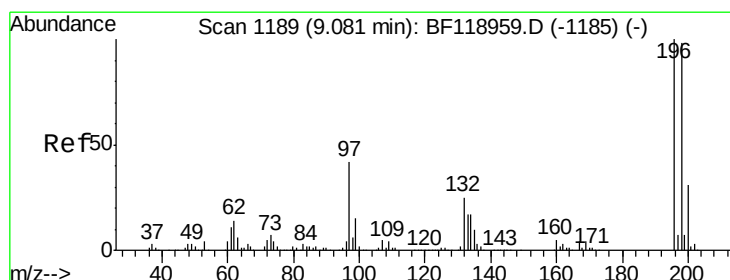
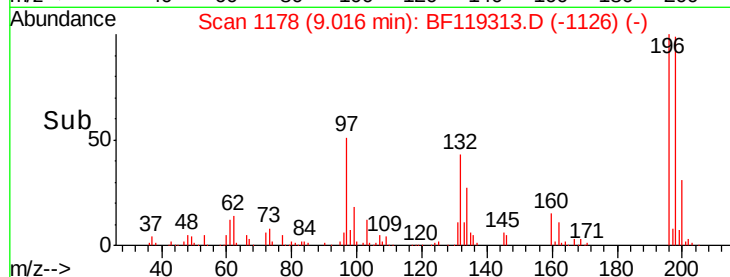
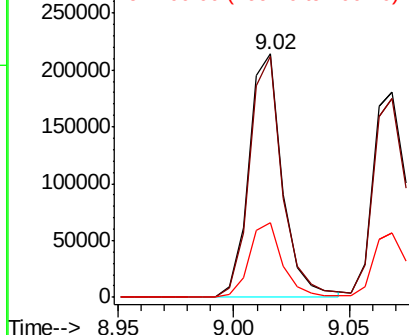
#43
 2,4,6-Trichlorophenol
 Concen: 38.636 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.1	77.1	115.7
200	30.8	25.0	37.6

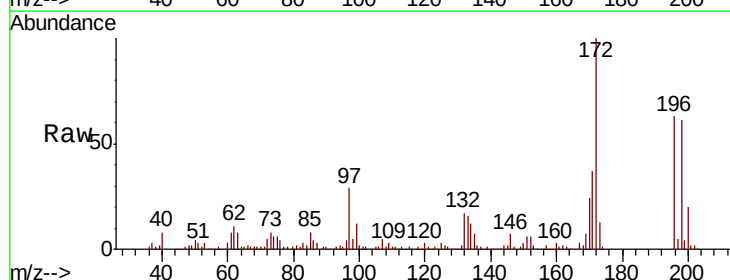


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

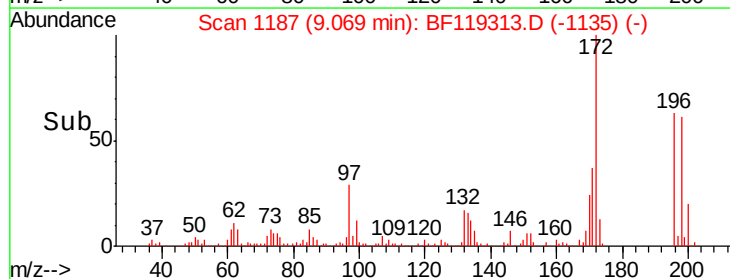
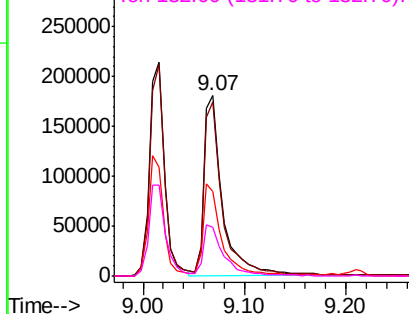


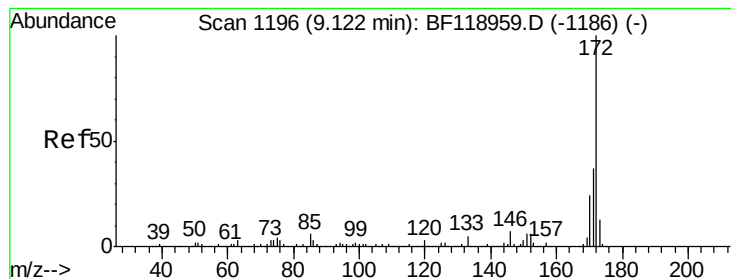
#44
 2,4,5-Trichlorophenol
 Concen: 38.338 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.8	115.2
97	46.6	38.5	57.7
132	27.1	22.2	33.4



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

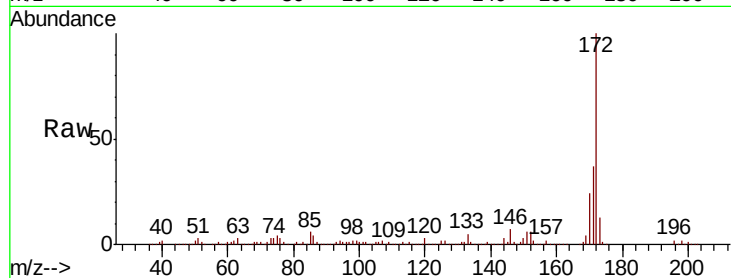




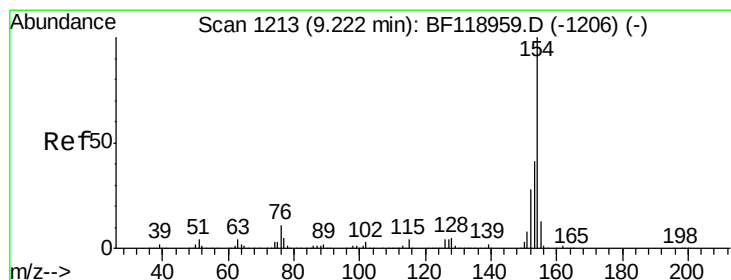
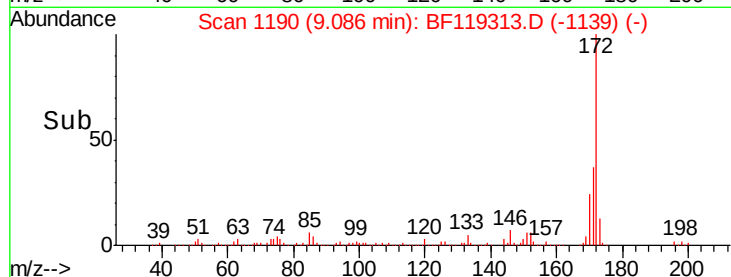
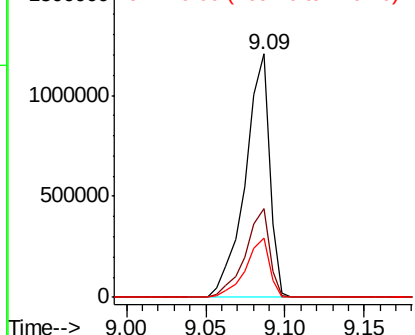
#45
2-Fluorobiphenyl
Concen: 71.315 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1286745
Ion Ratio Lower Upper
172 100
171 36.6 30.6 45.8
170 24.3 20.2 30.2

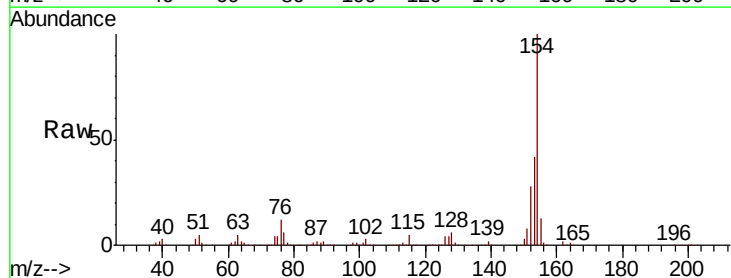


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

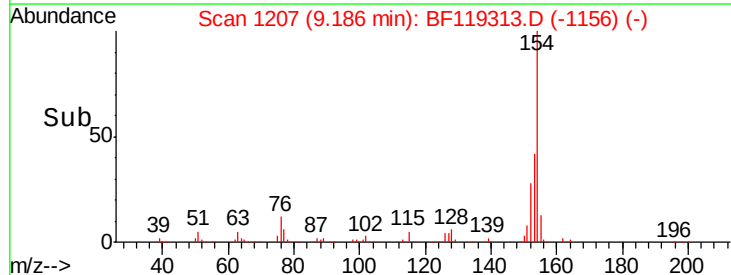
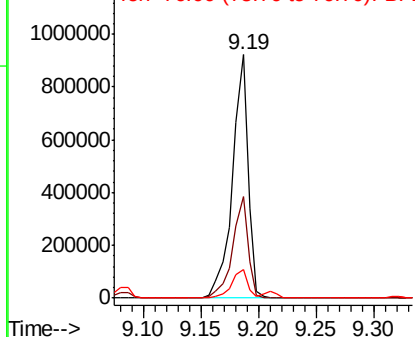


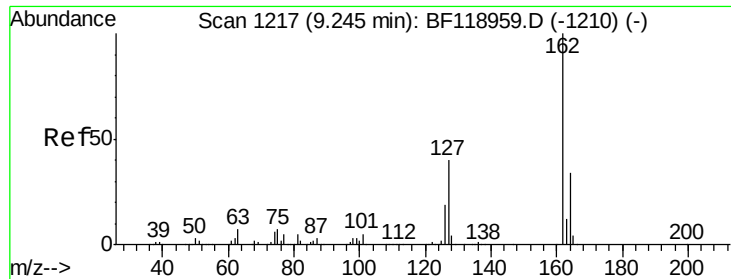
#46
1,1'-Biphenyl
Concen: 40.332 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion:154 Resp: 866440
Ion Ratio Lower Upper
154 100
153 41.6 22.8 62.8
76 11.6 0.0 32.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

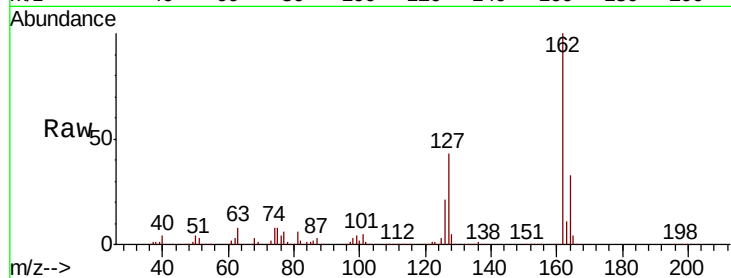




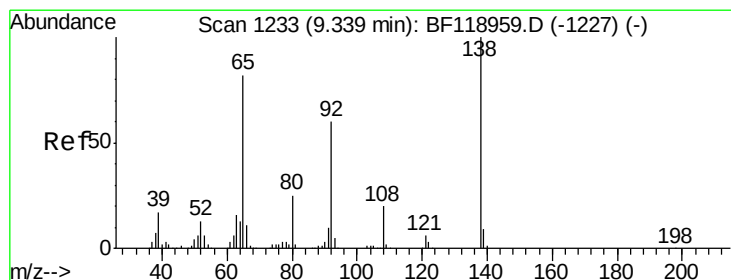
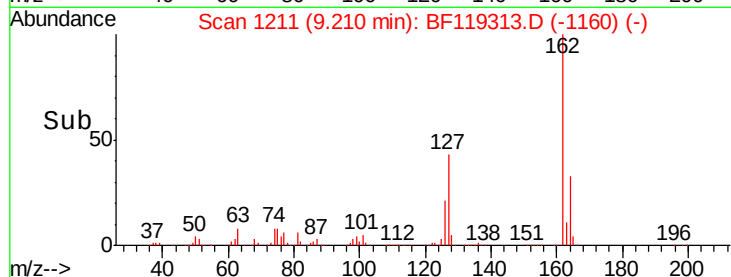
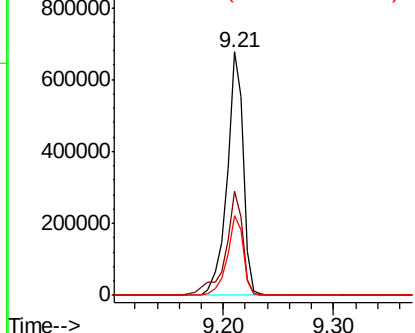
#47
 2-Chloronaphthalene
 Concen: 39.997 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	35.0	52.4
164	32.8	27.2	40.8

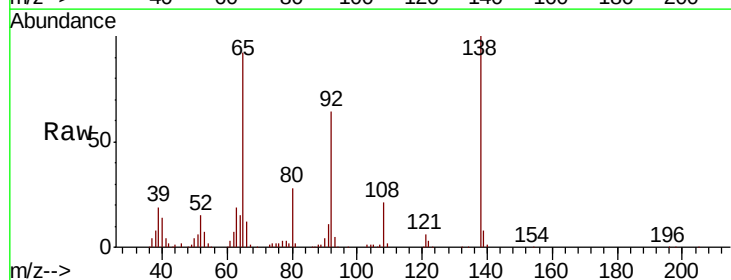


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

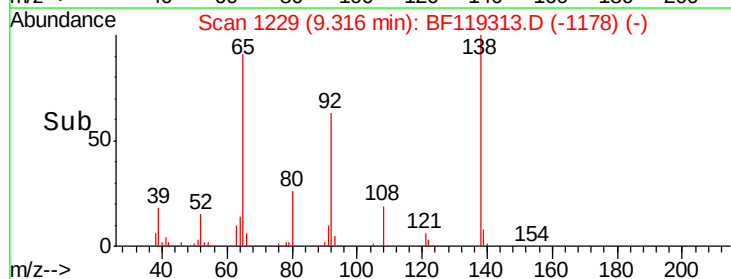
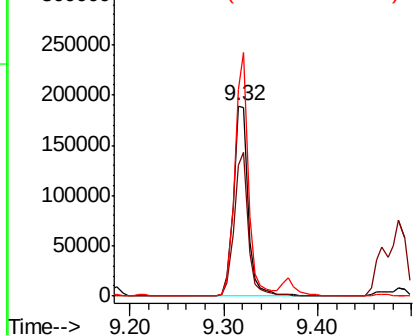


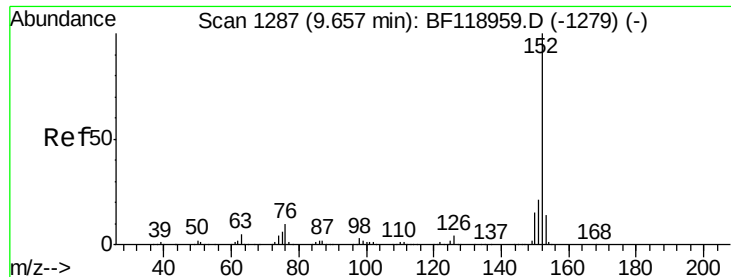
#48
 2-Nitroaniline
 Concen: 42.999 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	58.2	87.2
138	108.6	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: 42.359 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

ClientSampled :

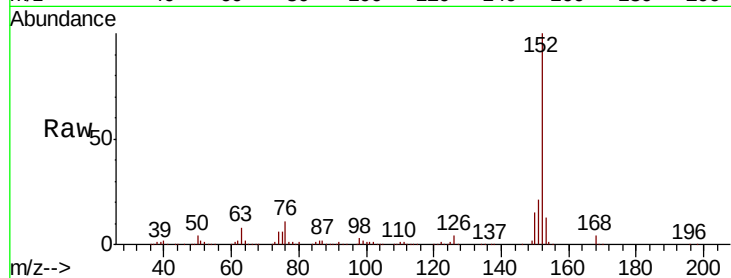
Tot Ion:152 Resp: 1059105

Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

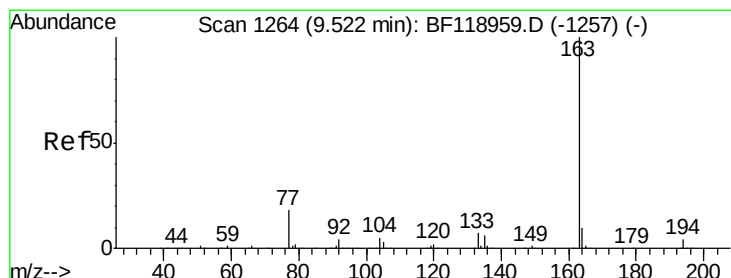
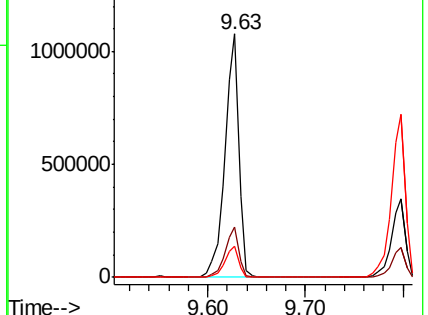
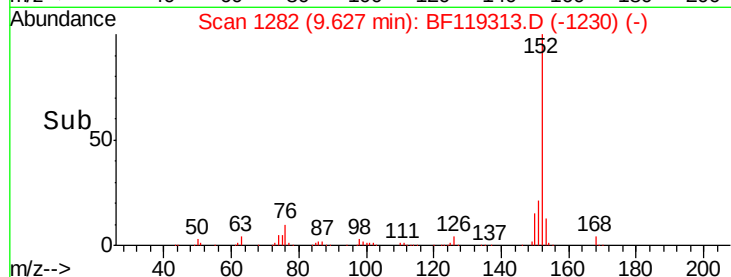
153 12.8 11.0 16.6



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: 41.413 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

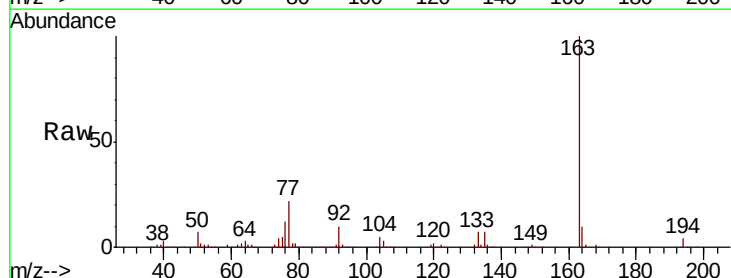
Tgt Ion:163 Resp: 841742

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

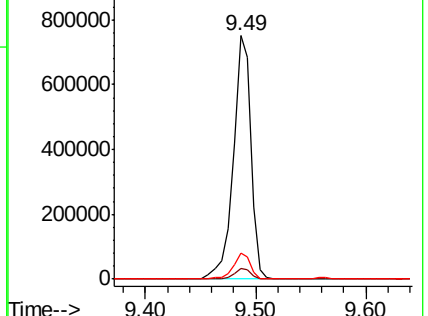
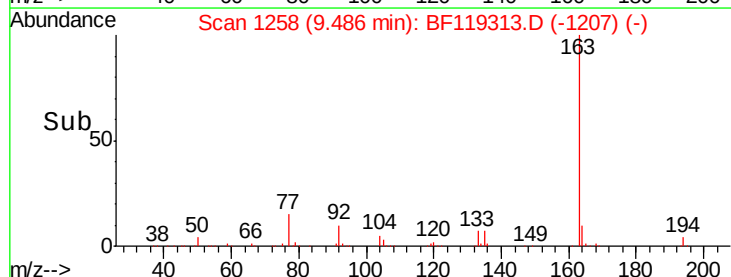
164 10.5 8.4 12.6

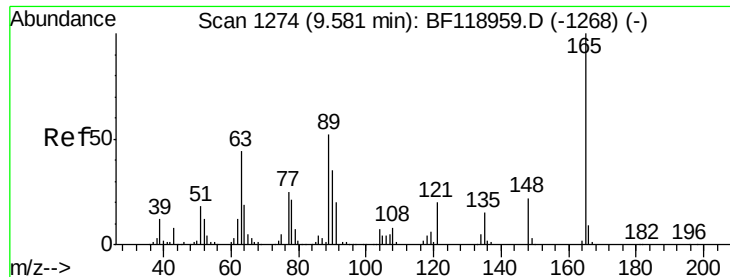


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

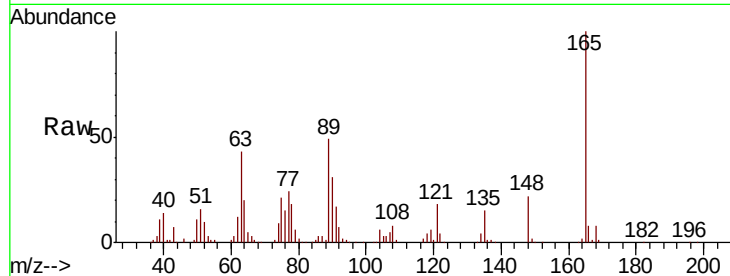




#51
 2,6-Dinitrotoluene
 Concen: 42.516 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.5	34.3	51.5
89	48.8	38.3	57.5

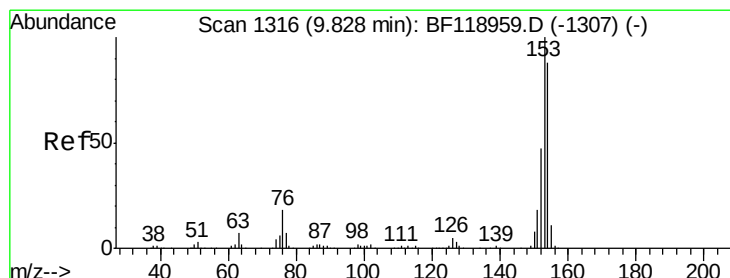
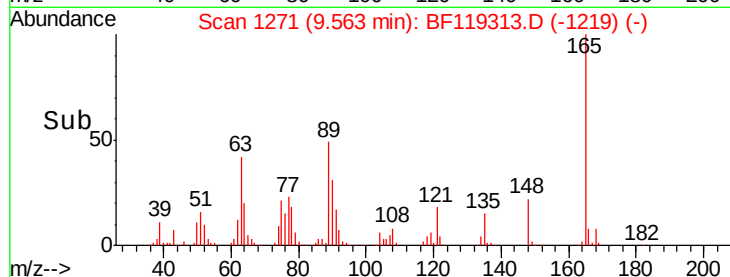
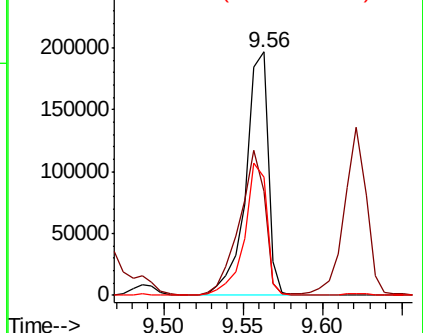


Abundance

Ion 165.00 (164.70 to 165.70): E

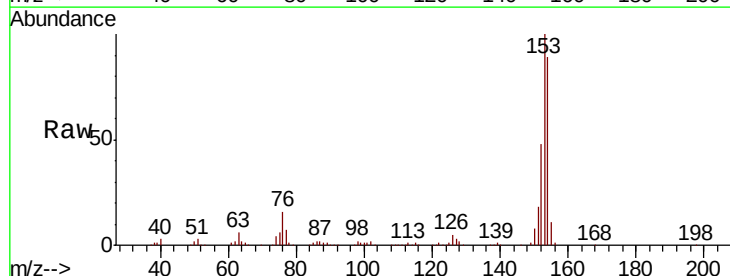
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 41.616 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.3	135.5
152	54.1	43.8	65.8

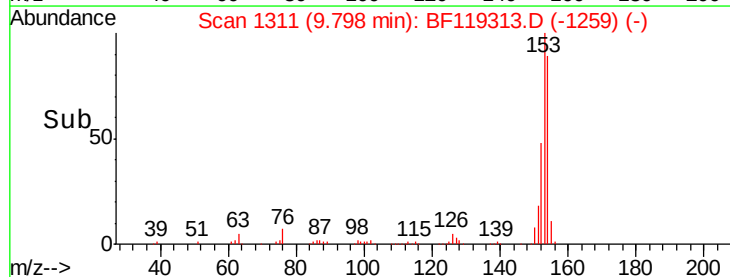
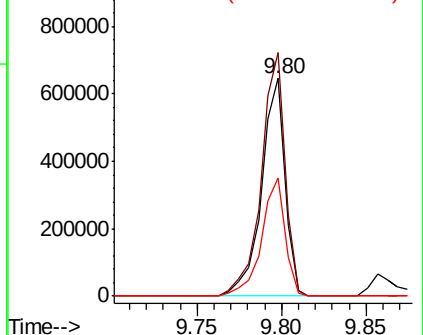


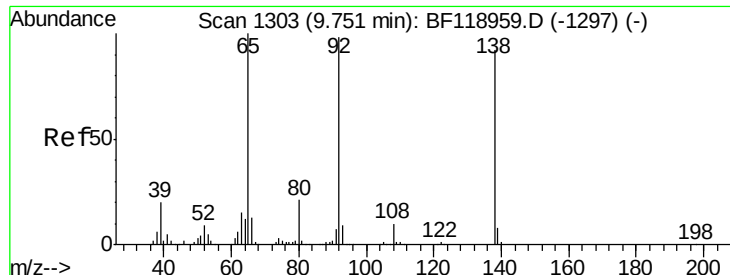
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

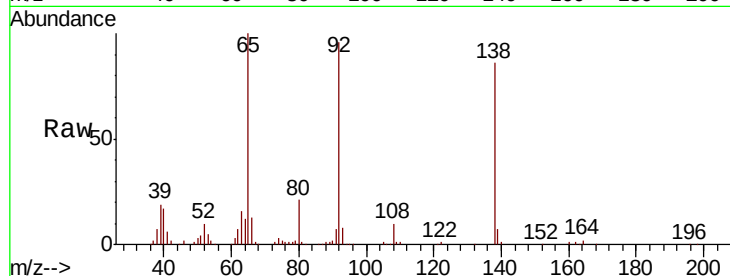




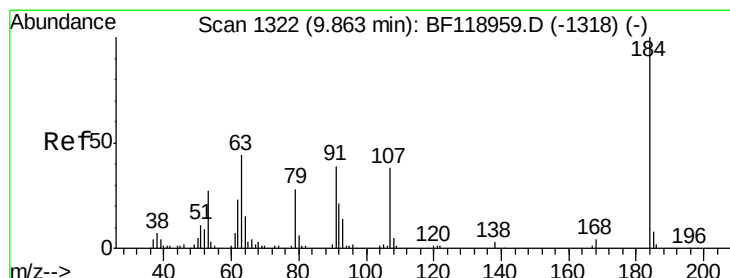
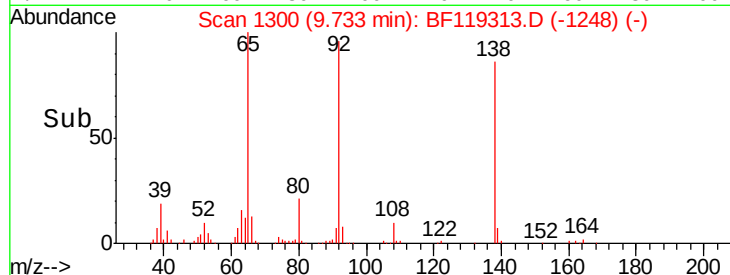
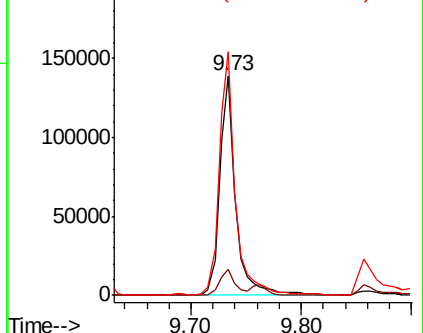
#53
 3-Nitroaniline
 Concen: 27.742 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 138884
 Ion Ratio Lower Upper
 138 100
 108 11.8 8.8 13.2
 92 111.0 84.8 127.2

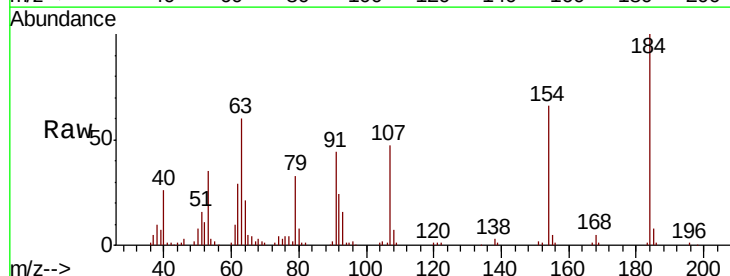


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

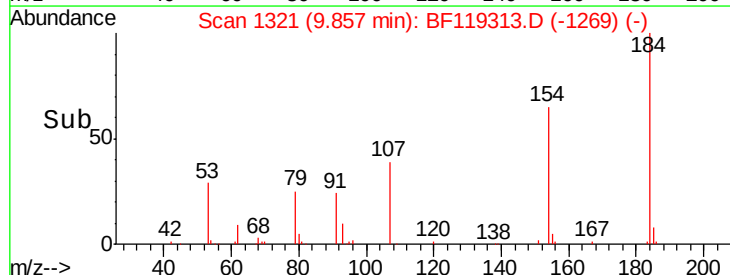
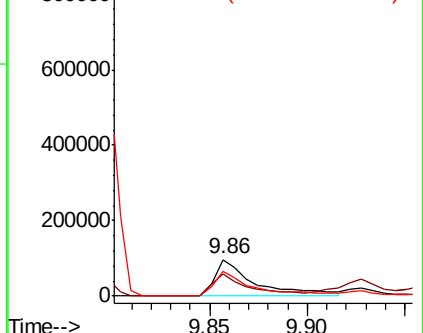


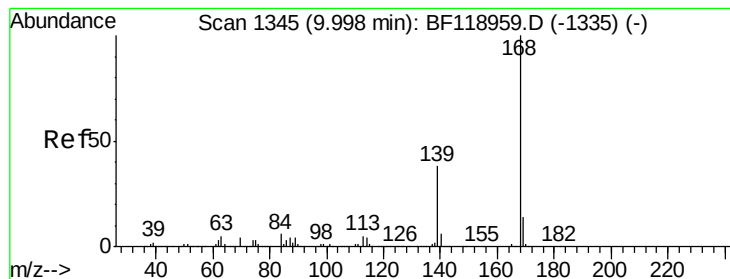
#54
 2,4-Dinitrophenol
 Concen: 64.671 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion:184 Resp: 138470
 Ion Ratio Lower Upper
 184 100
 63 60.3 38.7 58.1#
 154 65.5 49.7 74.5



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





#55

Dibenzofuran

Concen: 41.262 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

ClientSampleId :

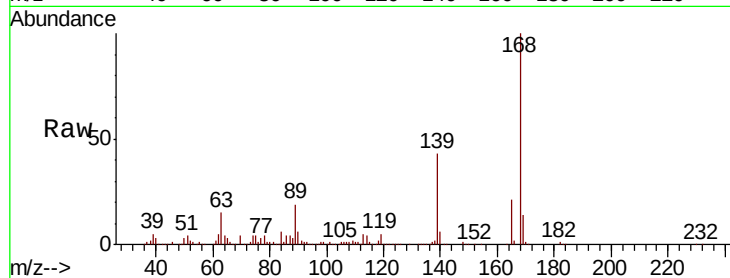
Tot Ion:168 Resp: 928535

Ion Ratio Lower Upper

168 100

139 43.0 34.0 51.0

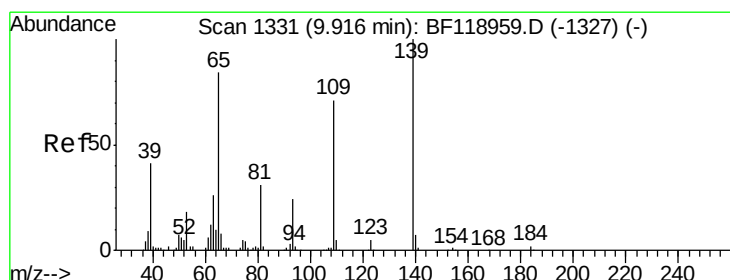
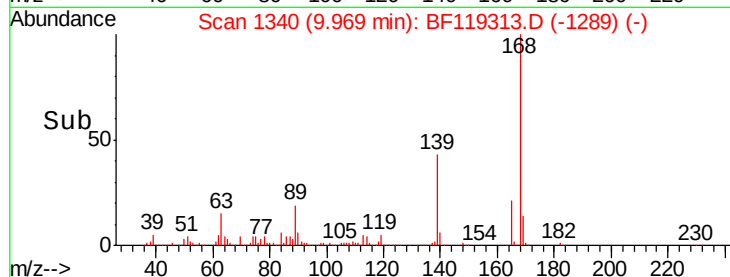
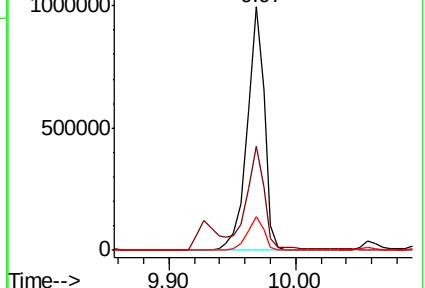
169 13.8 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 45.740 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

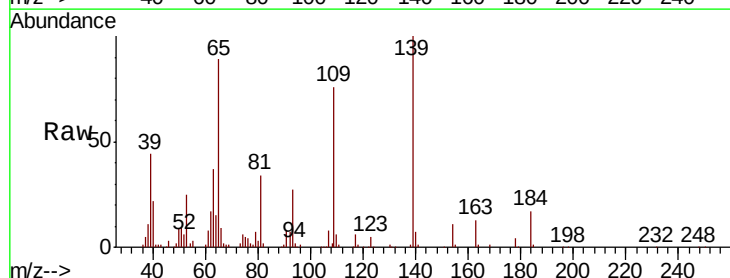
Tgt Ion:139 Resp: 137581

Ion Ratio Lower Upper

139 100

109 76.1 56.7 96.7

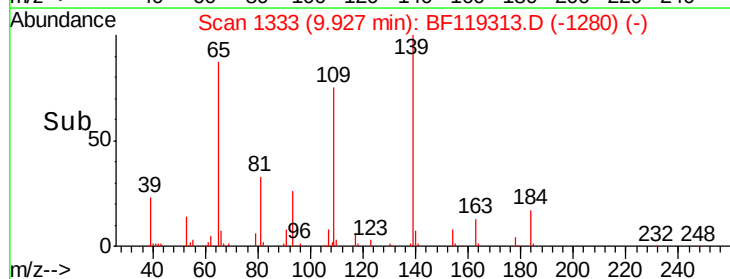
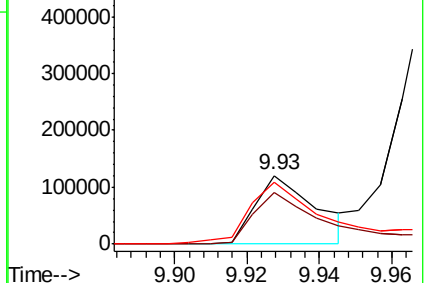
65 89.5 65.0 105.0

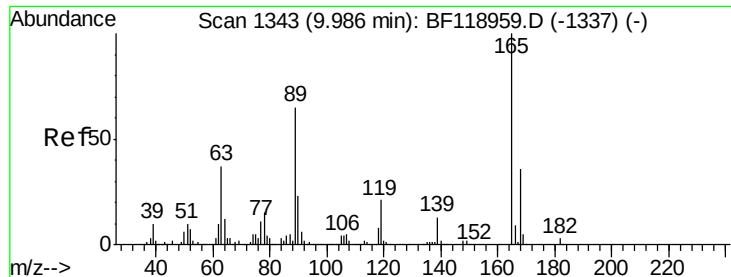


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

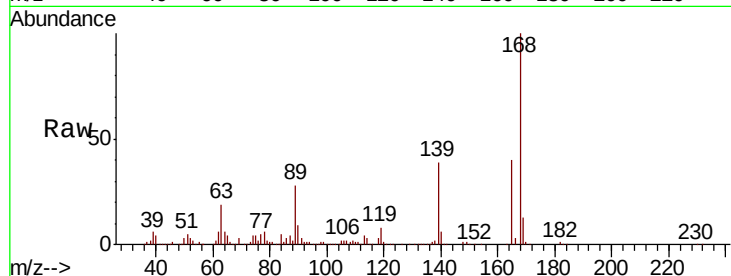




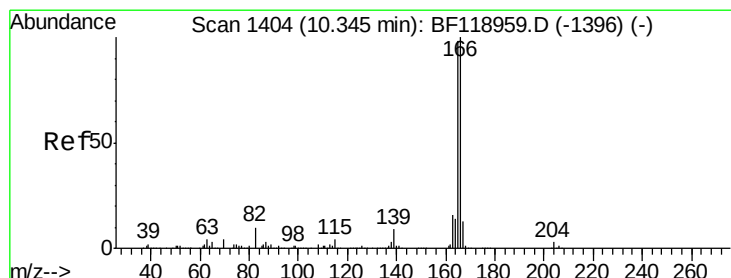
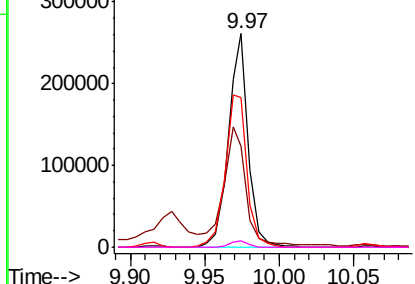
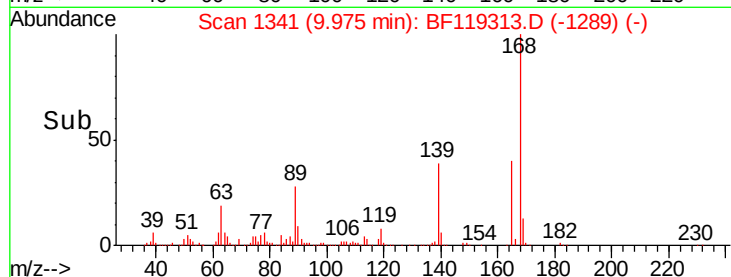
#57
2,4-Dinitrotoluene
Concen: 41.685 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.4	42.3	63.5
89	70.4	60.2	90.4
182	2.9	2.3	3.5

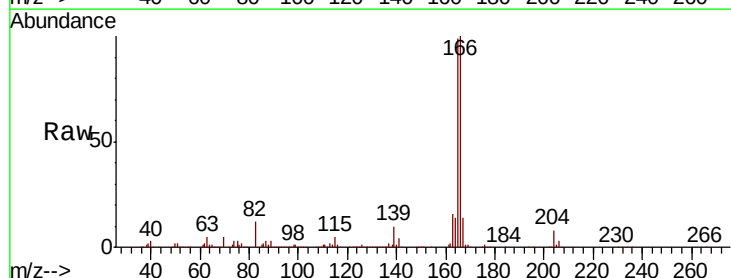


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

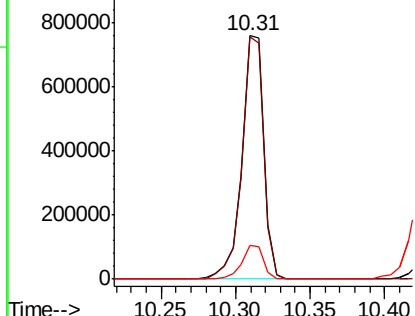
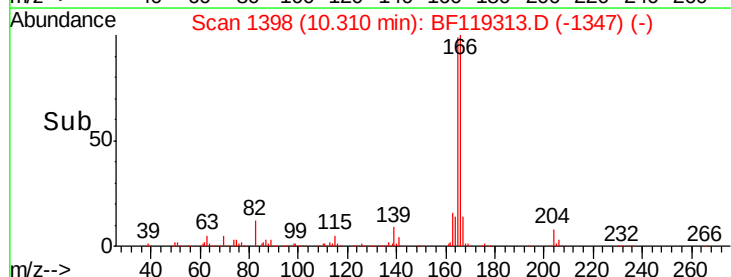


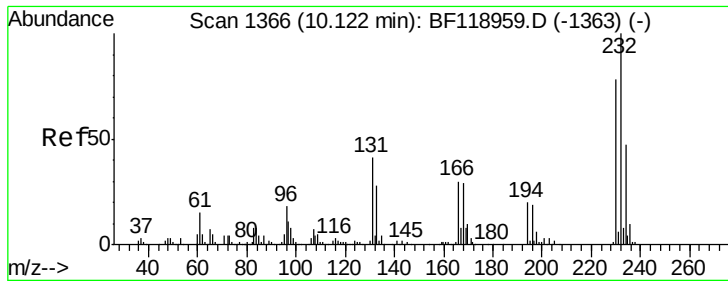
#58
Fluorene
Concen: 43.813 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.5	117.7
167	13.8	11.0	16.4



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

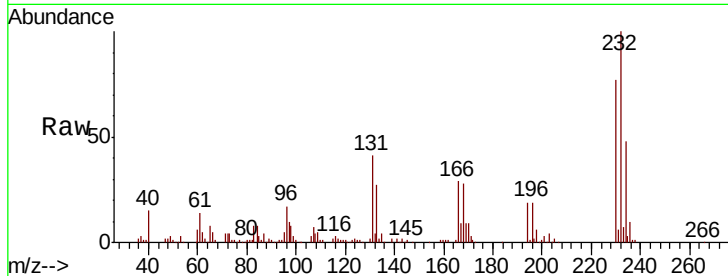




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.244 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.2	33.8	50.8
130	2.5	1.8	2.6
166	30.1	23.0	34.4



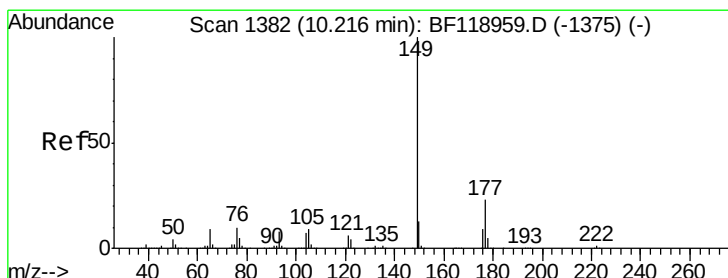
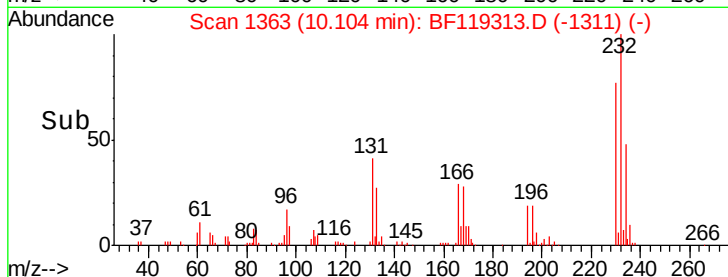
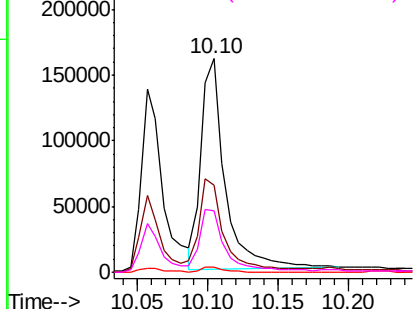
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

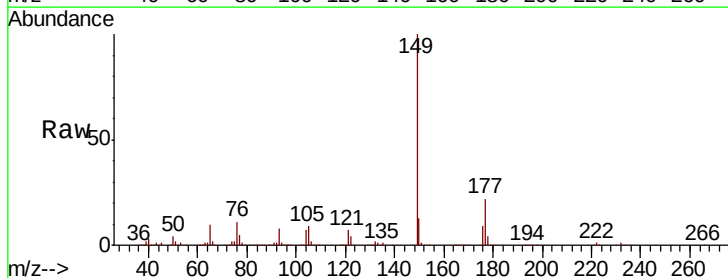
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 43.566 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.2	27.2
150	12.7	10.5	15.7

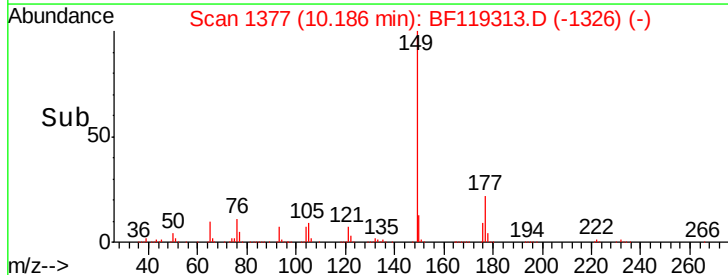
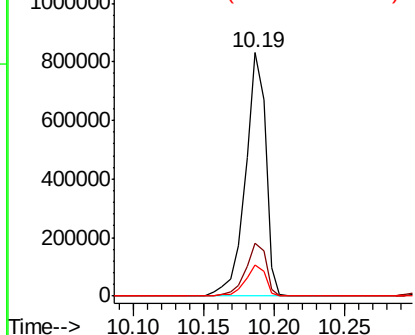


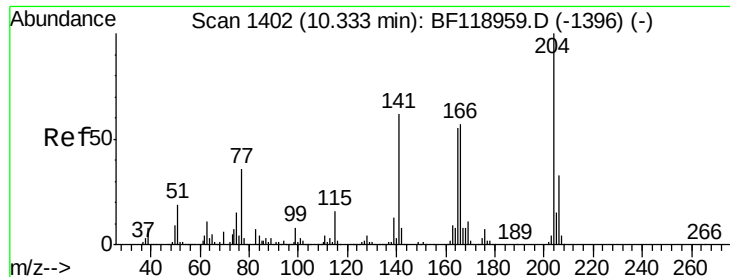
Abundance

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

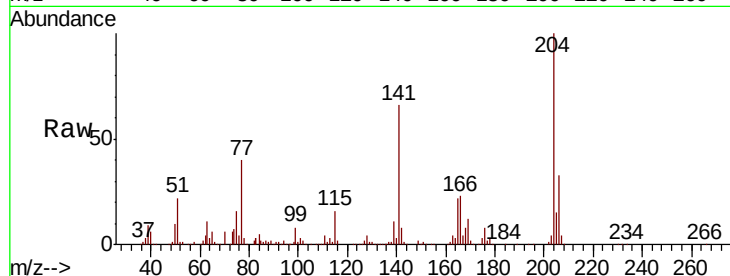




#61
4-Chlorophenyl-phenylether
Concen: 43.272 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	27.1	40.7
141	65.8	52.9	79.3

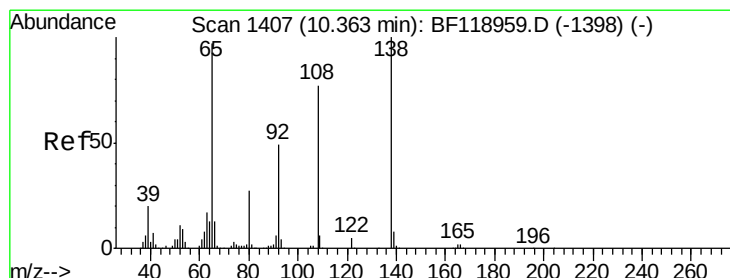
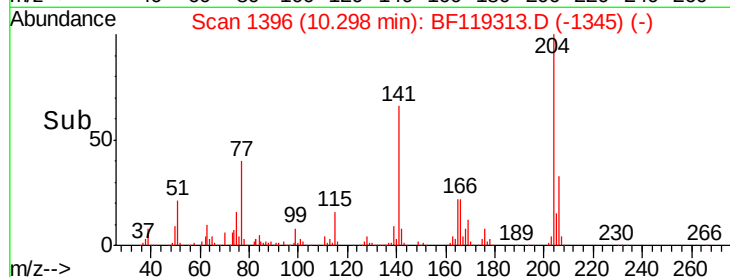
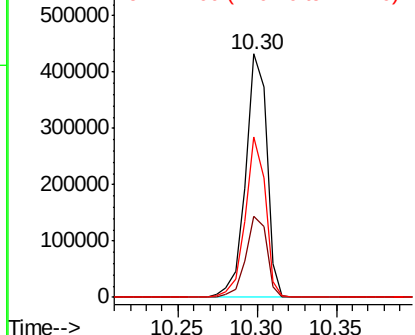


Abundance

Ion 204.00 (203.70 to 204.70): E

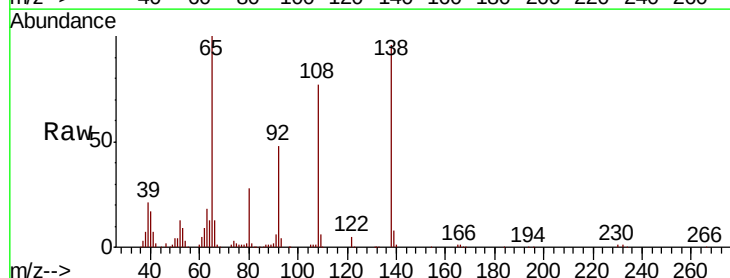
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.458 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	27.3	67.3
108	80.8	57.0	97.0

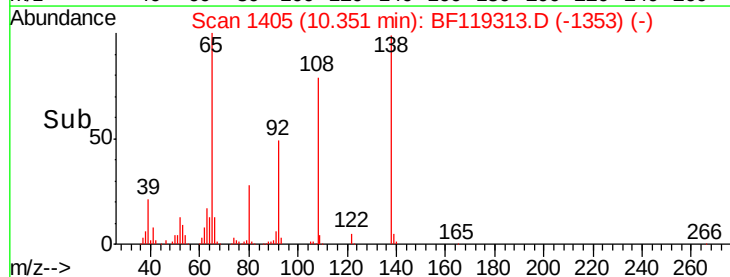
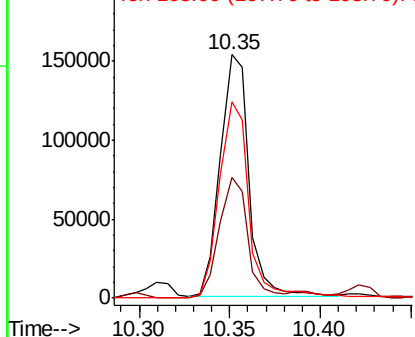


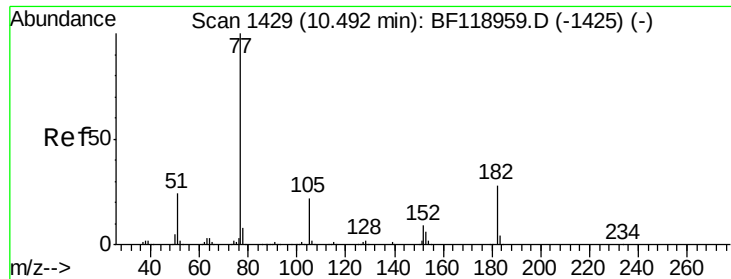
Abundance

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

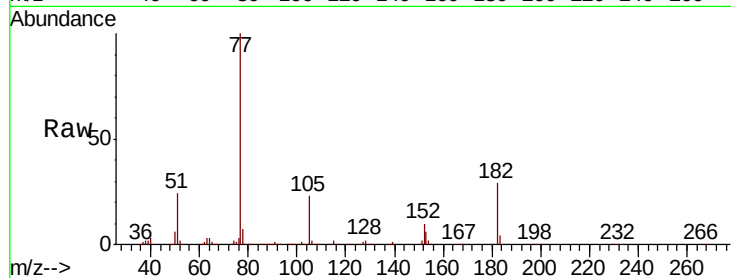




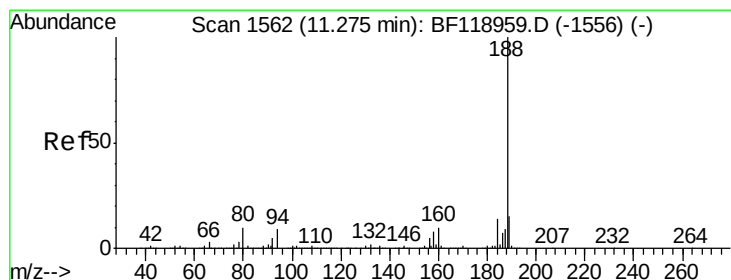
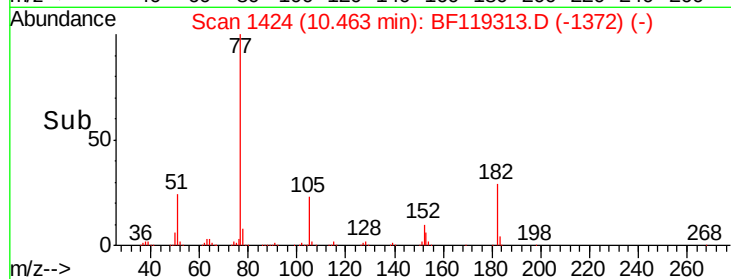
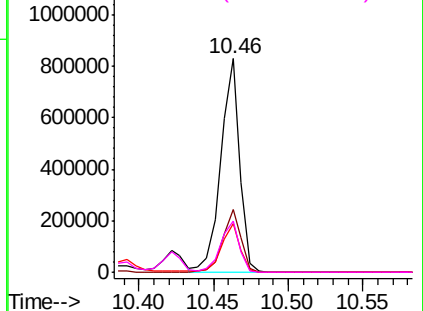
#63
Azobenzene
Concen: 44.359 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	738556
Ion	Ratio	Lower	Upper
77	100		
182	29.3	11.4	51.4
105	22.8	3.4	43.4
51	24.1	5.1	45.1

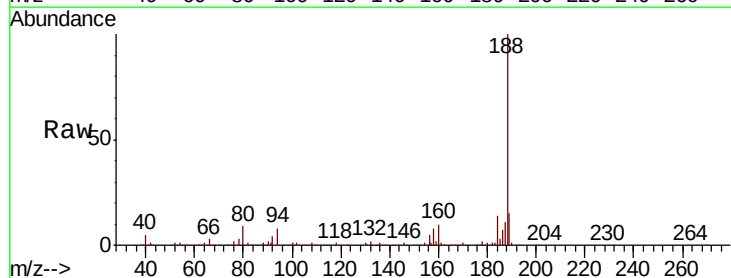


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

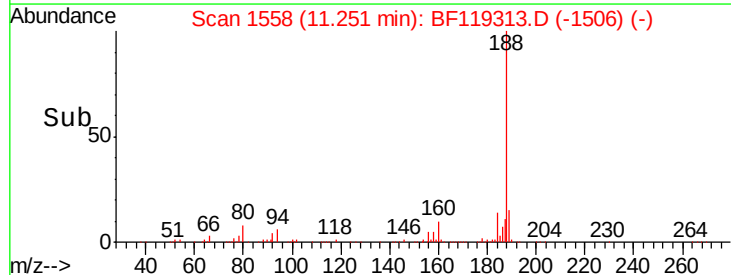
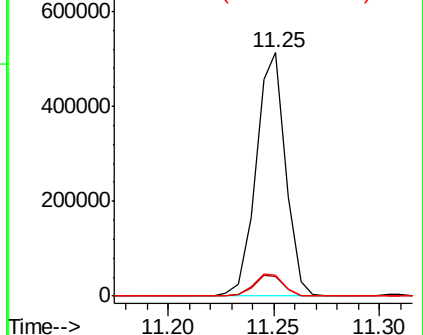


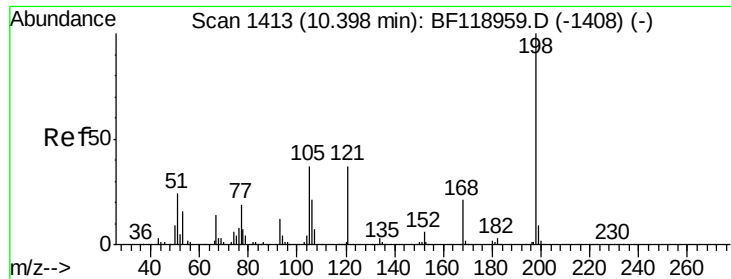
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion:	188	Resp:	498817
Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.1	10.7
80	8.6	7.8	11.8



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

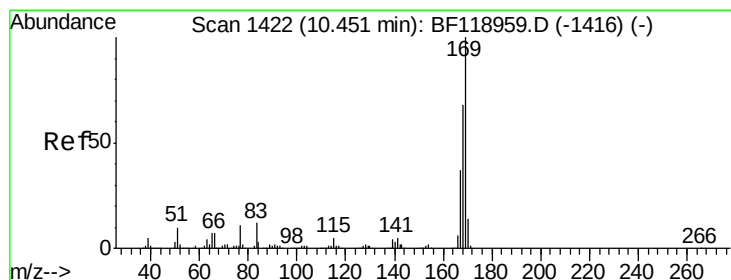
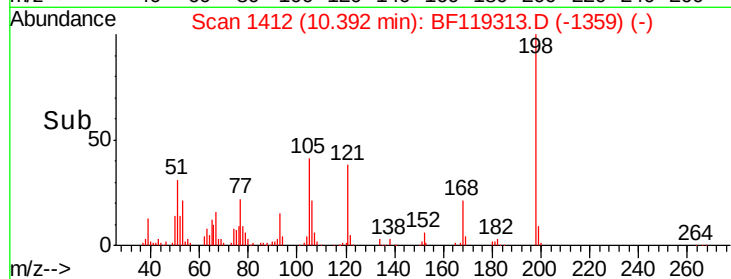
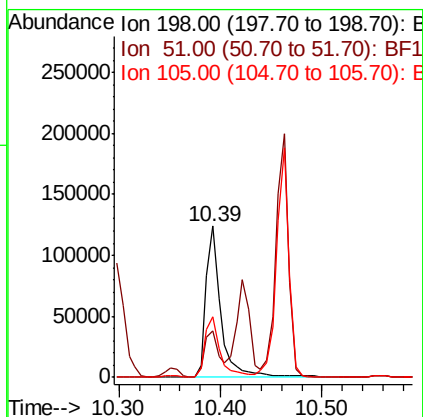
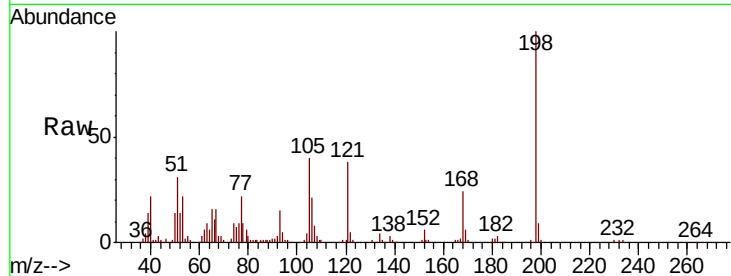




#65
4,6-Dinitro-2-methylphenol
Concen: 42.337 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

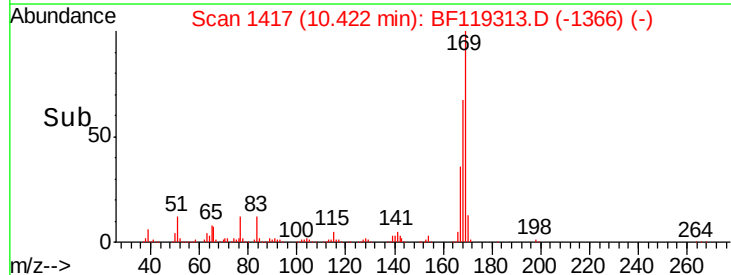
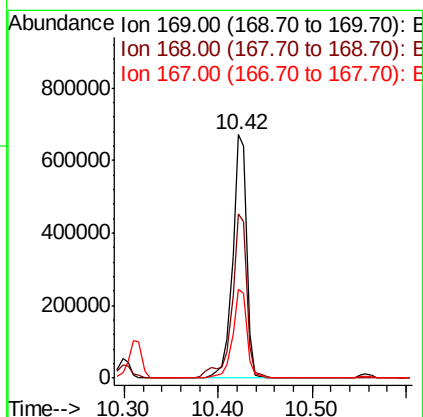
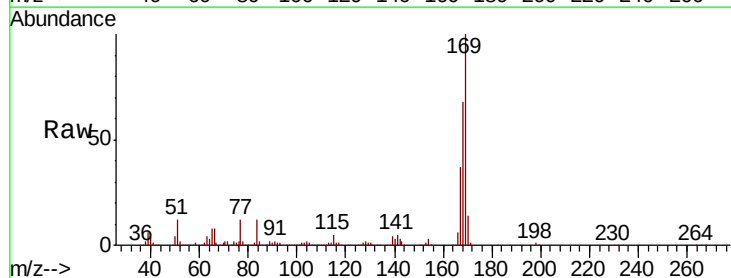
Instrument :
BNA_F
ClientSampled :

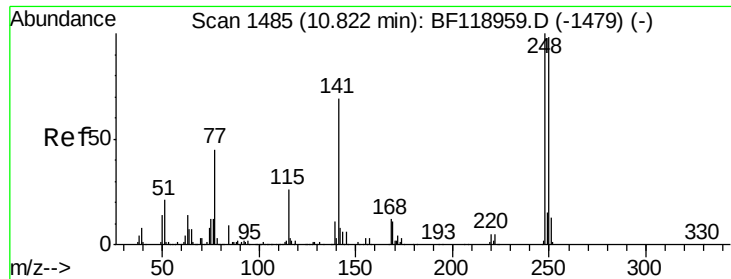
Tot Ion:198 Resp: 127791
Ion Ratio Lower Upper
198 100
51 30.6 14.2 54.2
105 40.4 22.7 62.7



#66
n-Nitrosodiphenylamine
Concen: 42.360 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion:169 Resp: 691868
Ion Ratio Lower Upper
169 100
168 67.6 54.1 81.1
167 36.6 29.4 44.0

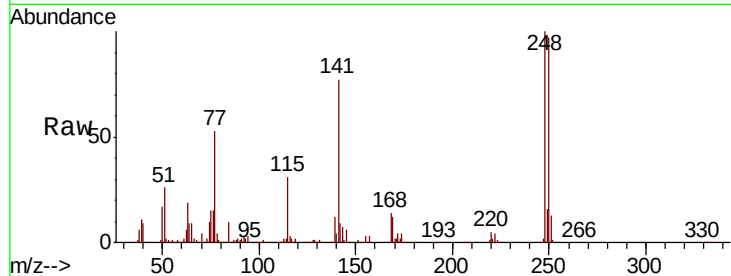




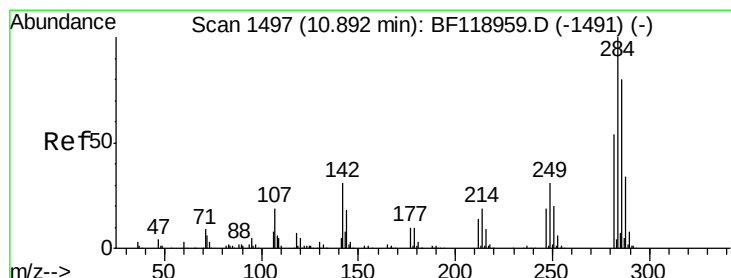
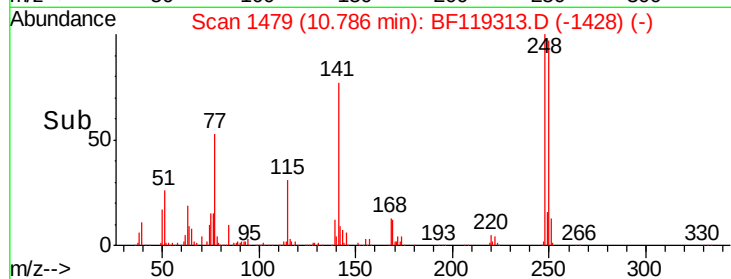
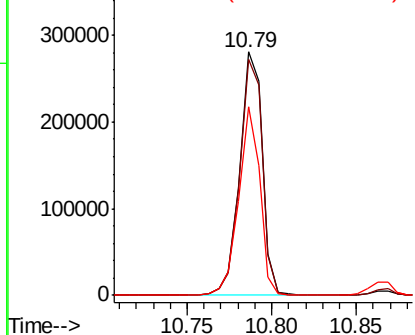
#67
4-Bromophenyl-phenylether
Concen: 40.212 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 262192
Ion Ratio Lower Upper
248 100
250 96.9 76.7 115.1
141 77.3 60.7 91.1

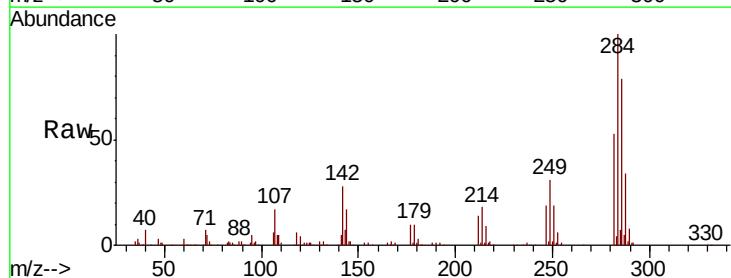


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

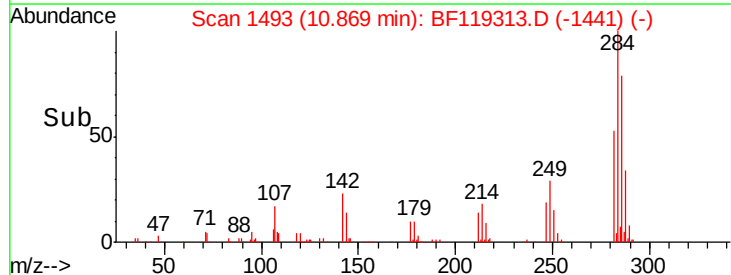
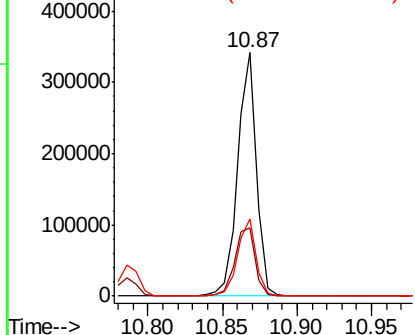


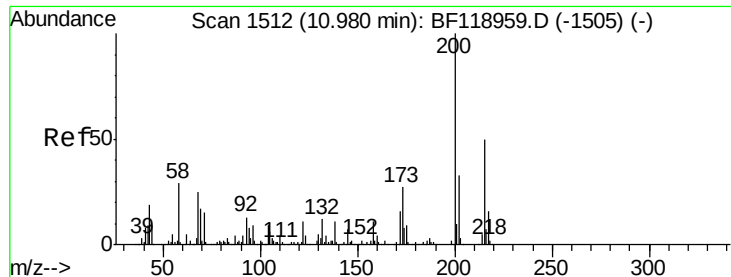
#68
Hexachlorobenzene
Concen: 40.143 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion:284 Resp: 301775
Ion Ratio Lower Upper
284 100
142 28.2 23.7 35.5
249 31.5 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

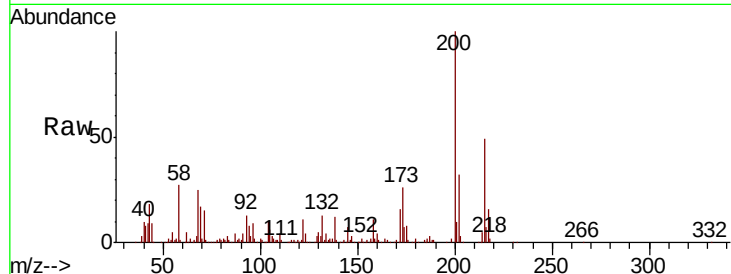




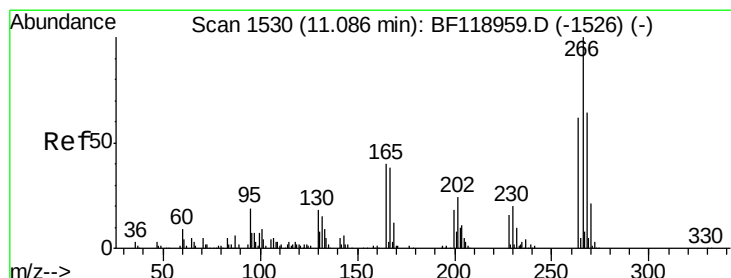
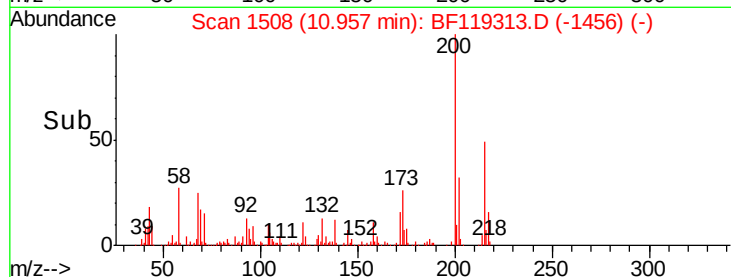
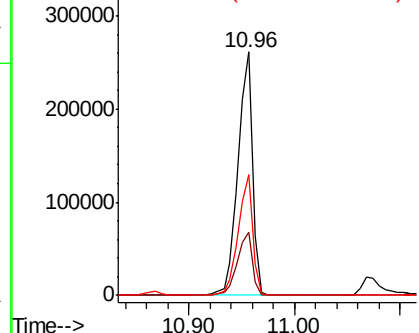
#69
Atrazine
Concen: 43.476 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.4	46.4
215	49.3	27.4	67.4

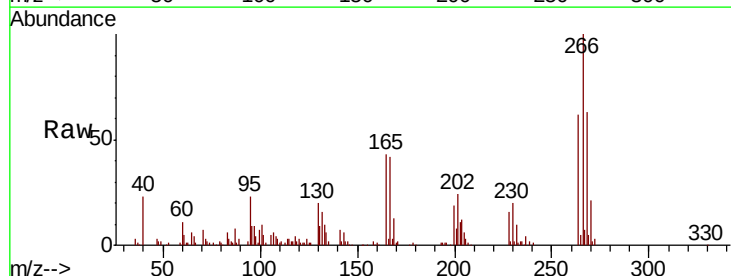


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

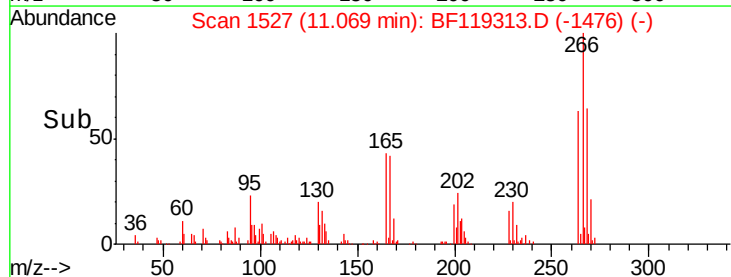
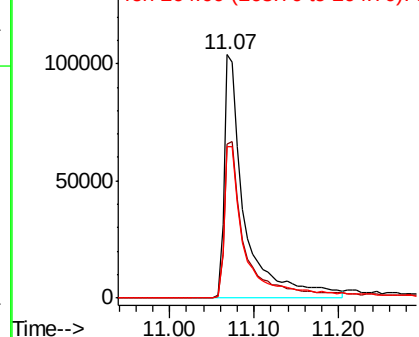


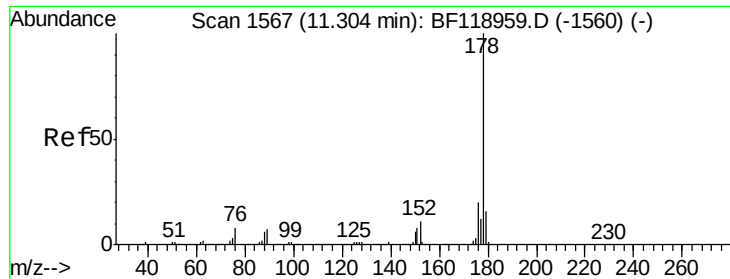
#70
Pentachlorophenol
Concen: 58.679 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.9	77.9
264	62.3	51.0	76.4



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





#71

Phenanthrene

Concen: 41.797 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

ClientSampleId :

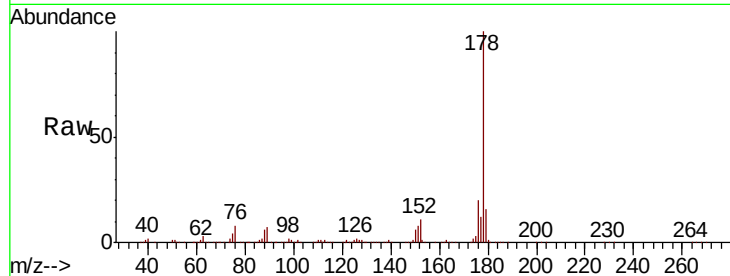
Tot Ion:178 Resp: 1137016

Ion Ratio Lower Upper

178 100

176 19.6 16.5 24.7

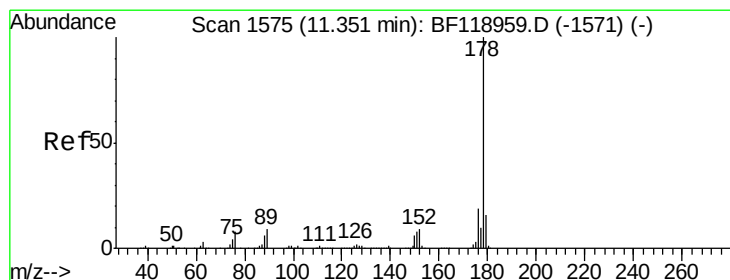
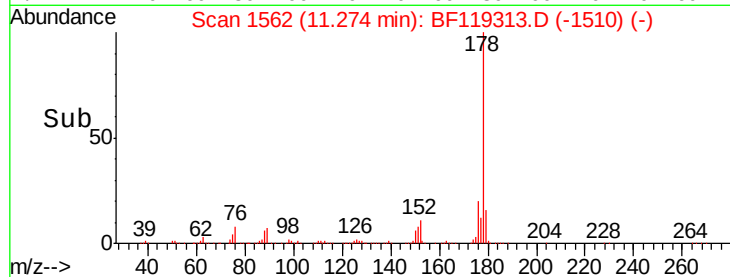
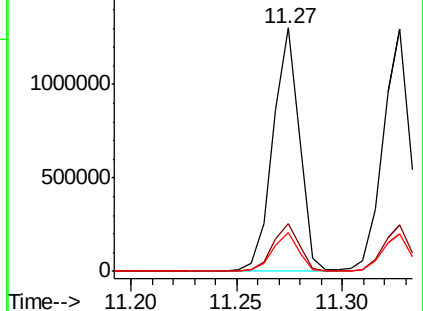
179 15.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.192 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

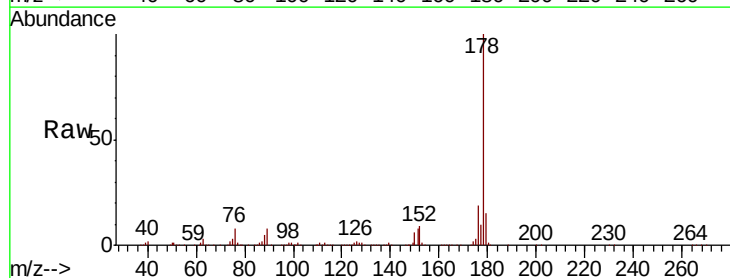
Tgt Ion:178 Resp: 1173973

Ion Ratio Lower Upper

178 100

176 19.1 16.0 24.0

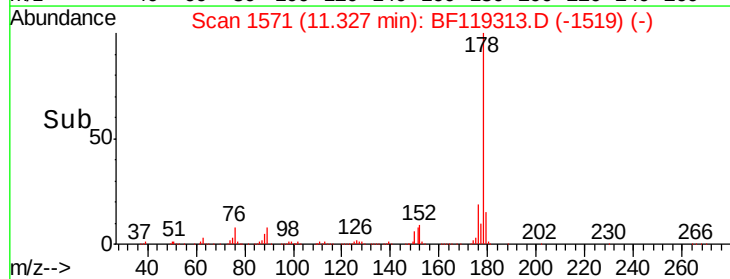
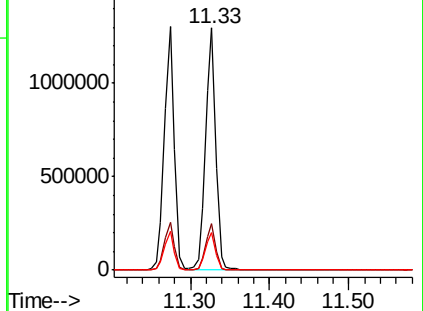
179 15.4 13.1 19.7

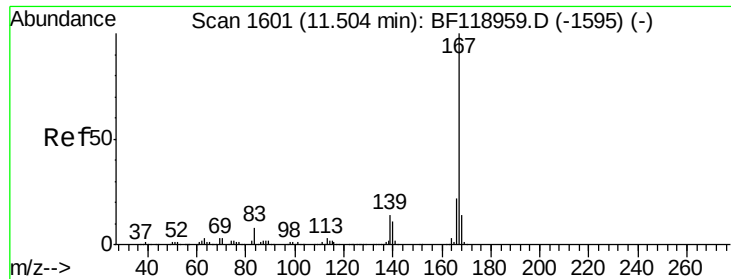


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



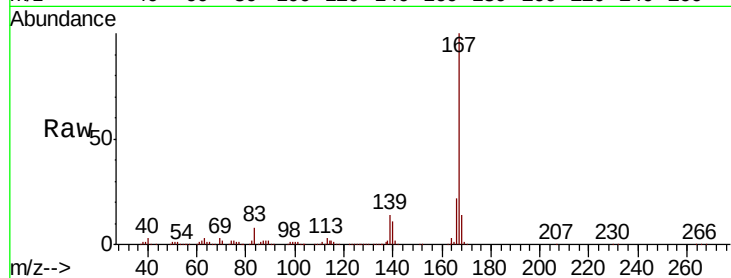


#73
 Carbazole
 Concen: 42.285 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

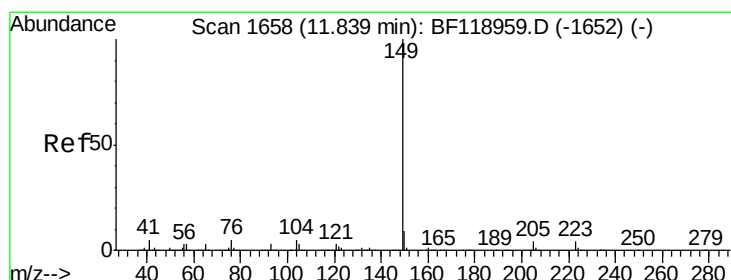
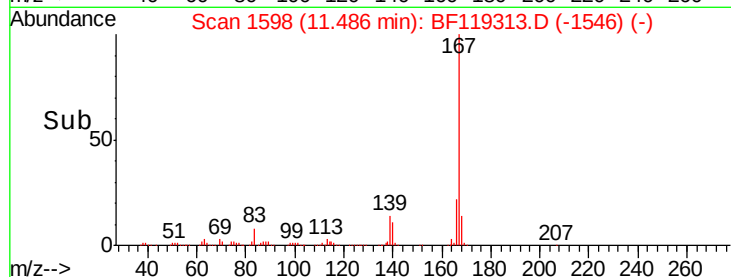
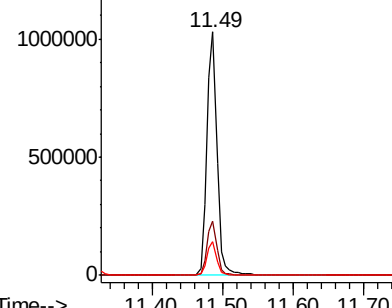
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1023906

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.8	11.7	17.5



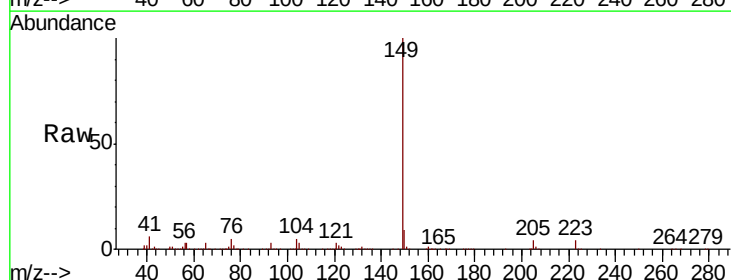
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



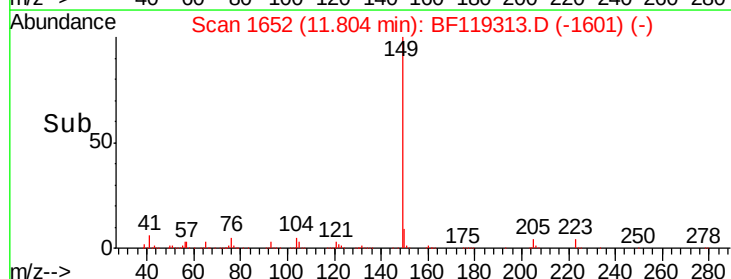
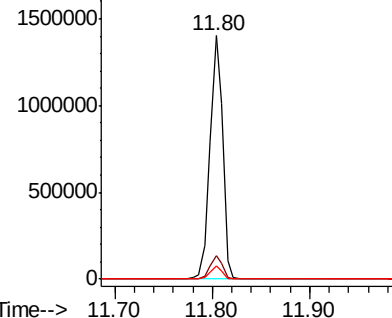
#74
 Di-n-butylphthalate
 Concen: 42.996 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

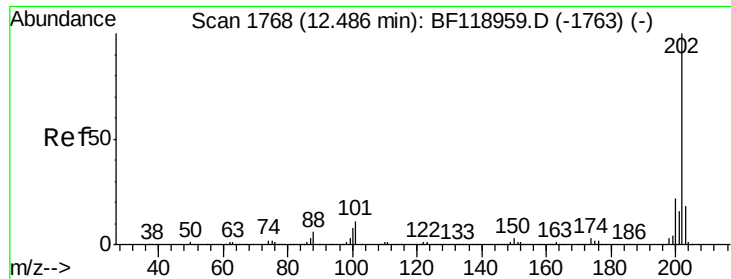
Tgt Ion:149 Resp: 1260814

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.5	4.6	6.8



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

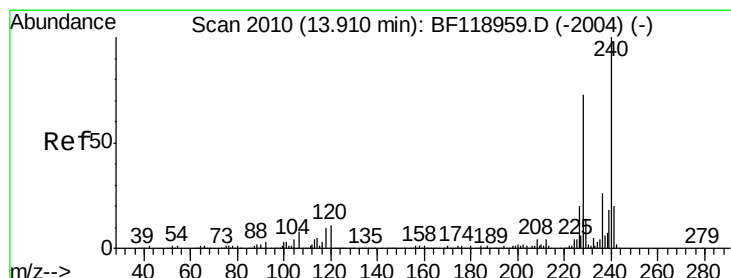
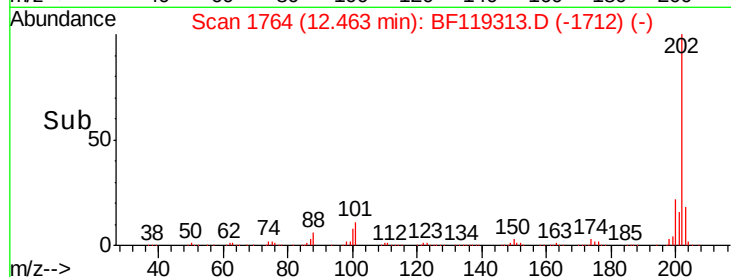
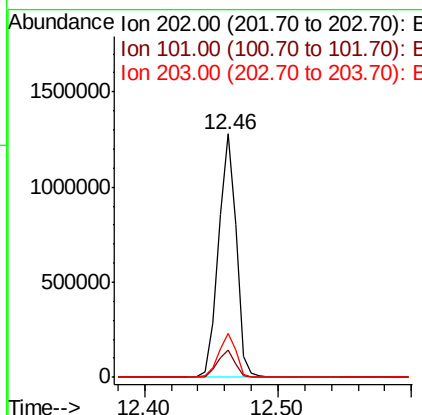
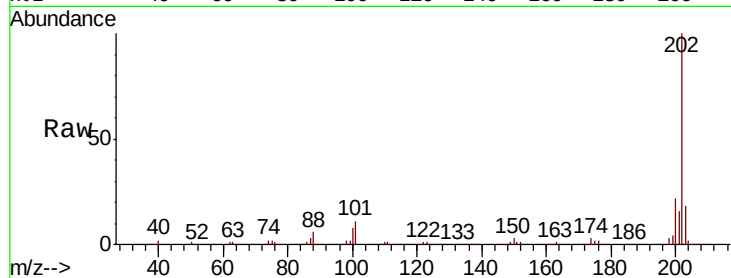




#75
Fluoranthene
Concen: 41.694 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

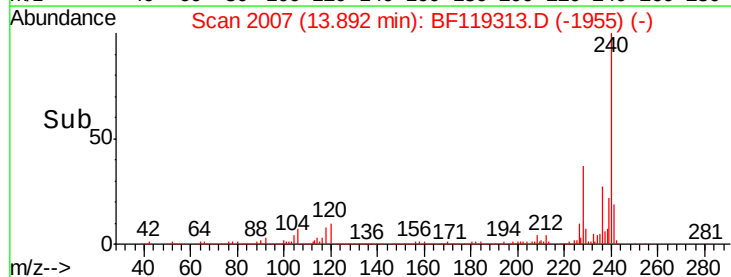
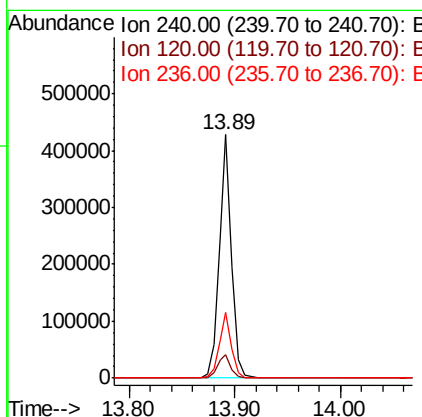
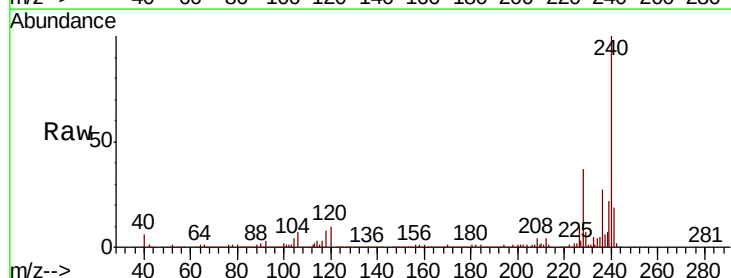
Instrument :
BNA_F
ClientSampleId :

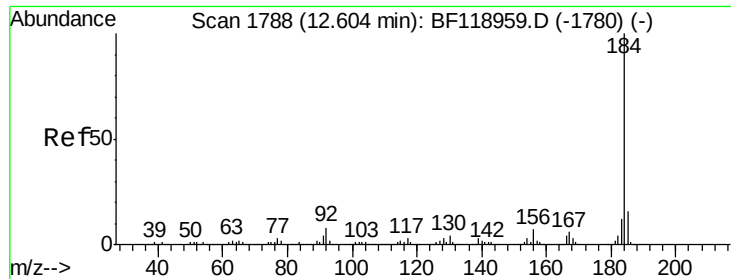
Tot Ion:202 Resp: 1203926
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.3
203 18.1 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion:240 Resp: 350509
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 26.9 21.0 31.4





#77

Benzidine

Concen: 21.571 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

ClientSampleId :

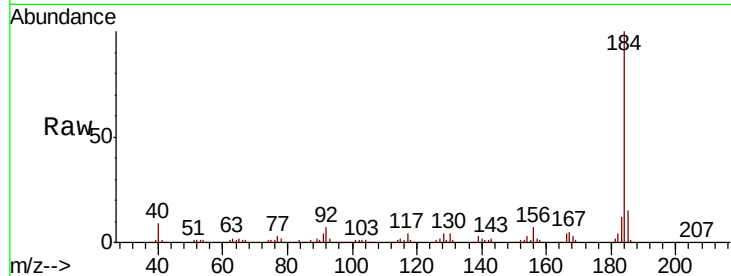
Tot Ion:184 Resp: 307494

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.4

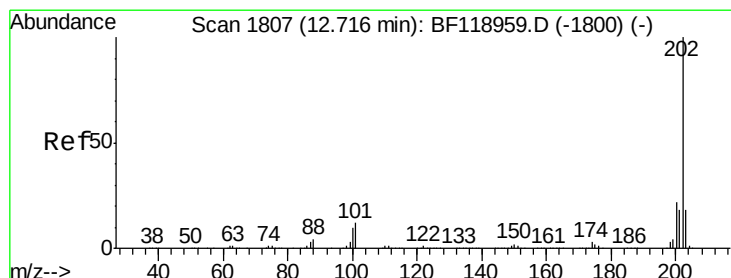
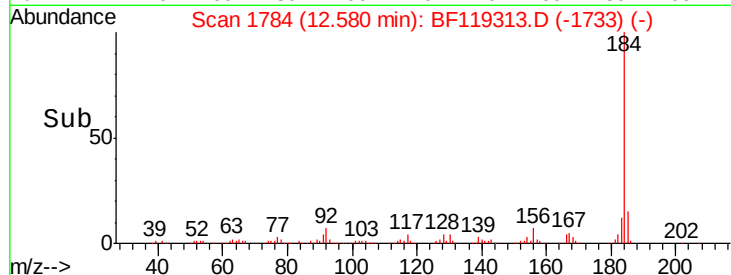
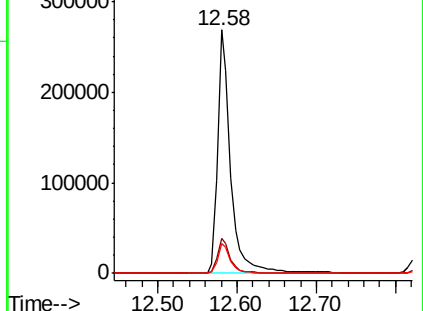
183 12.2 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.092 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

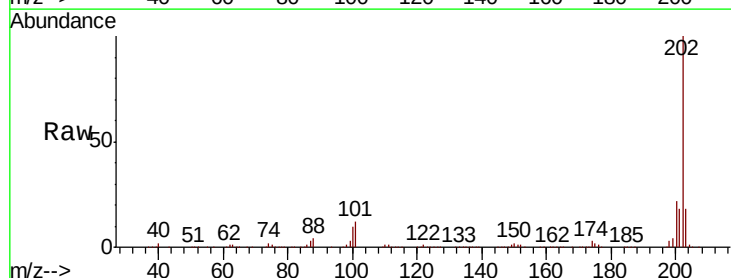
Tgt Ion:202 Resp: 1212849

Ion Ratio Lower Upper

202 100

200 22.0 18.0 27.0

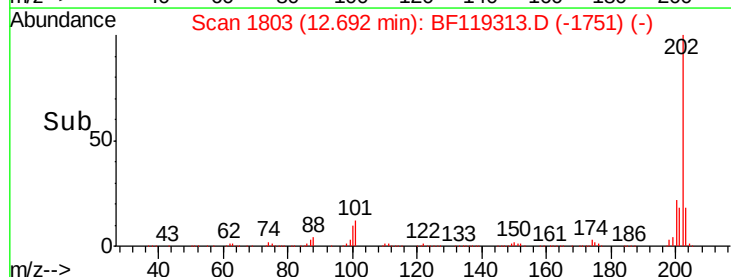
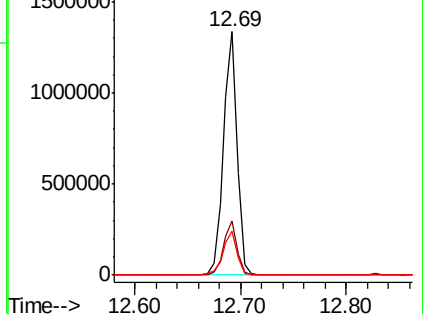
203 17.9 14.6 22.0

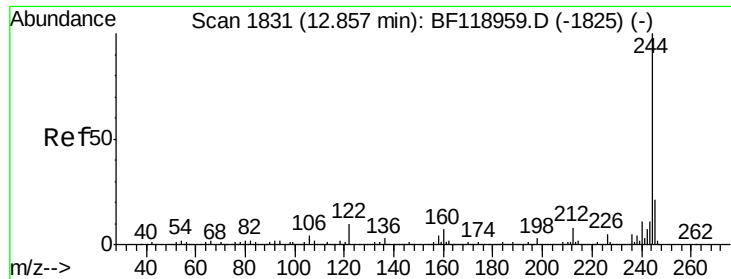


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.695 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

ClientSampleId :

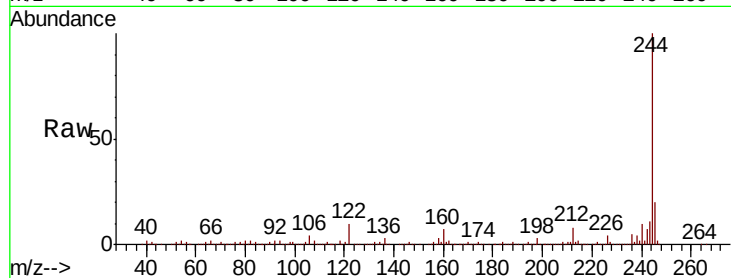
Tot Ion:244 Resp: 1581757

Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

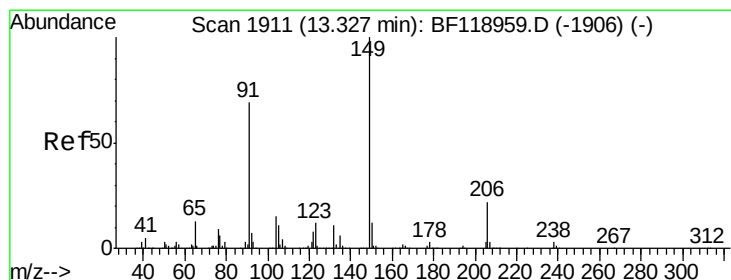
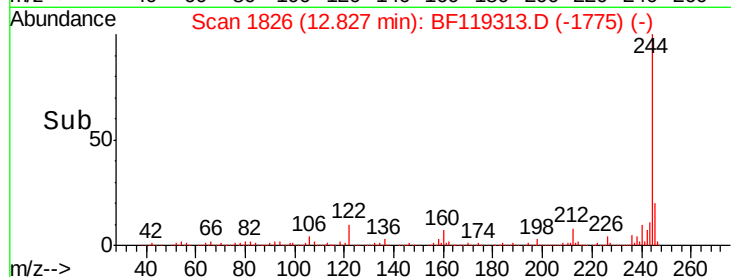
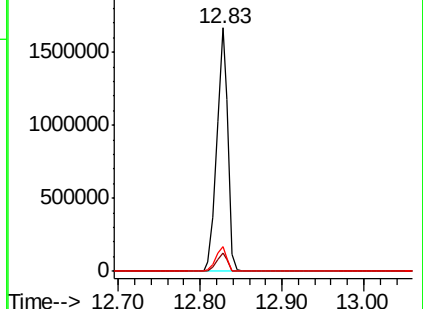
122 10.1 8.2 12.2



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: 44.732 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

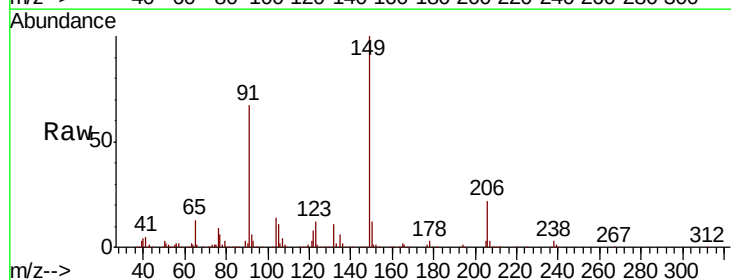
Tgt Ion:149 Resp: 529882

Ion Ratio Lower Upper

149 100

91 66.7 52.3 78.5

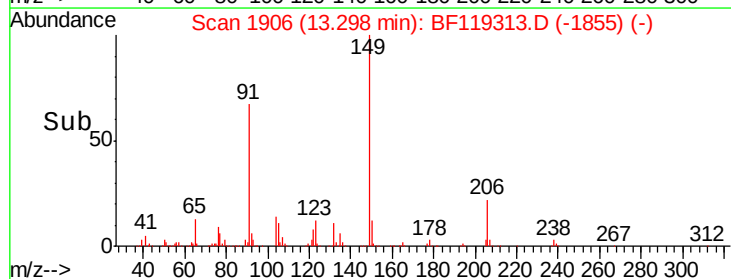
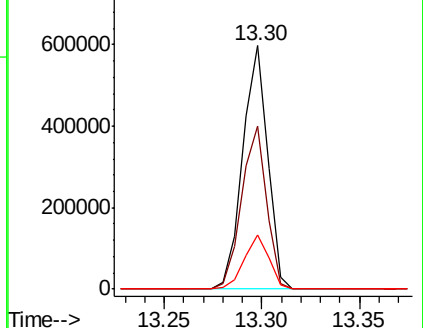
206 22.2 18.5 27.7

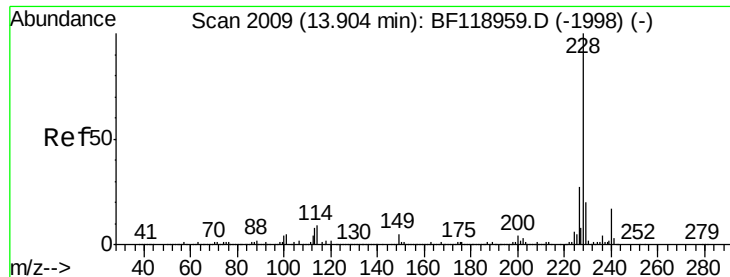


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.839 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

Instrument :

BNA_F

ClientSampled :

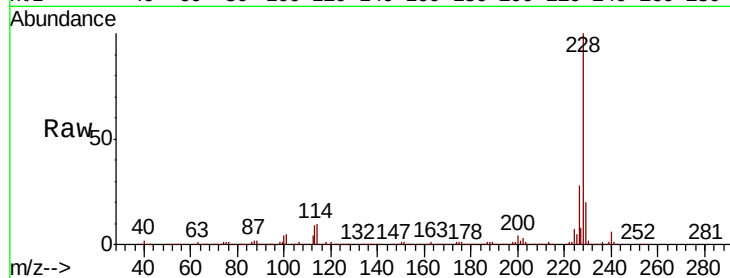
Tot Ion:228 Resp: 1023105

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

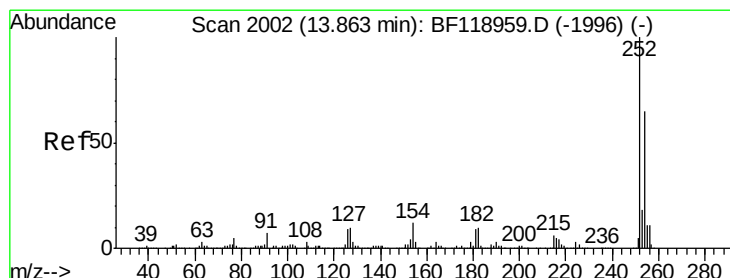
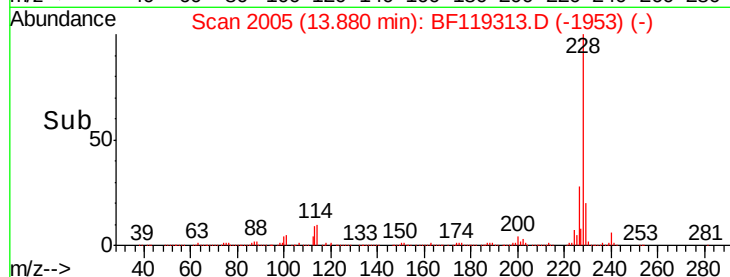
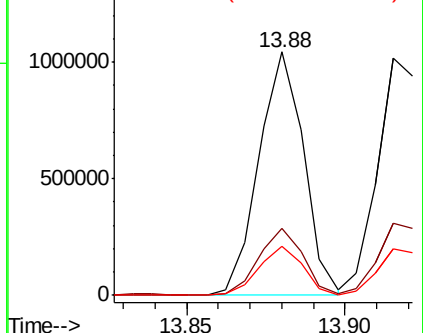
229 20.1 16.6 24.8



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: 32.273 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF119313.D

Acq: 10 Mar 2020 13:07

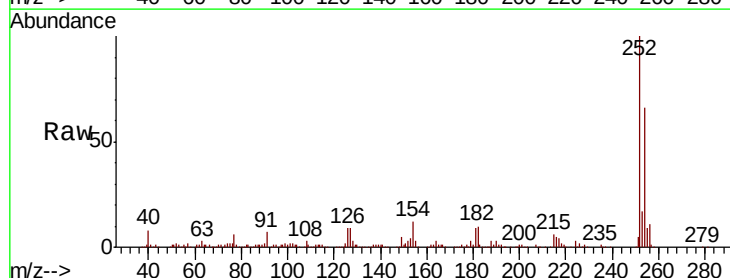
Tgt Ion:252 Resp: 299286

Ion Ratio Lower Upper

252 100

254 65.5 51.6 77.4

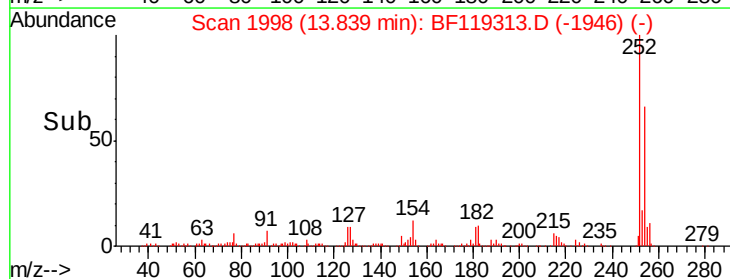
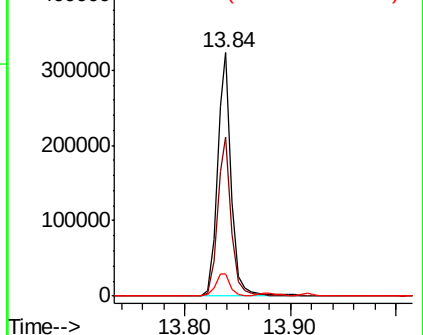
126 9.3 7.4 11.0

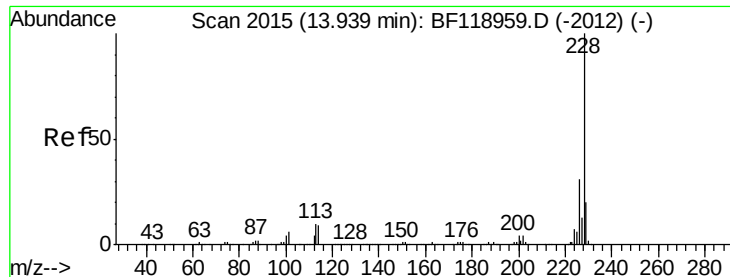


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

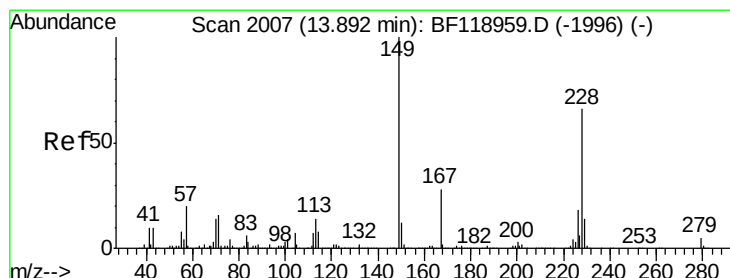
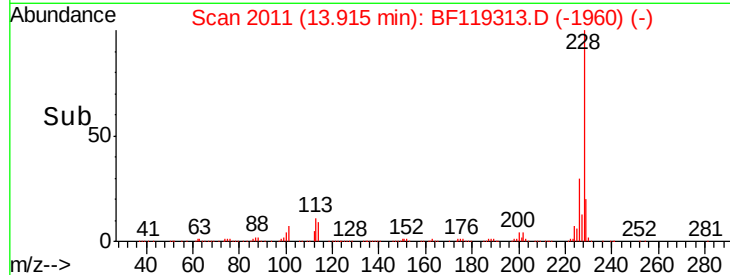
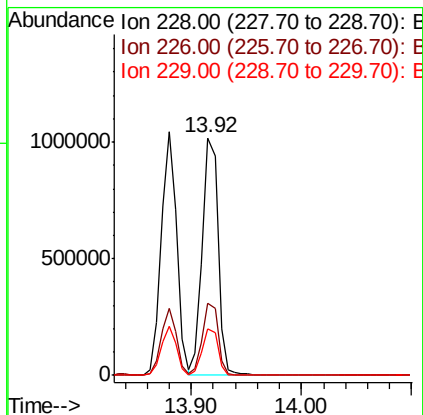
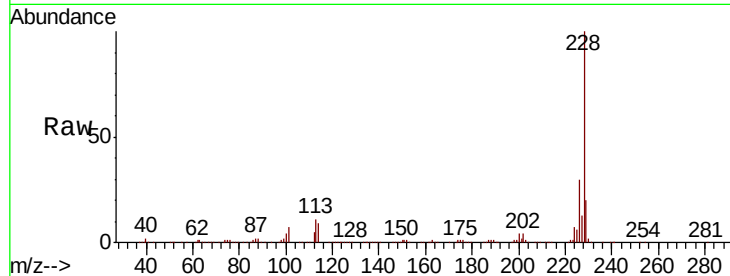




#83
 Chrysene
 Concen: 41.406 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

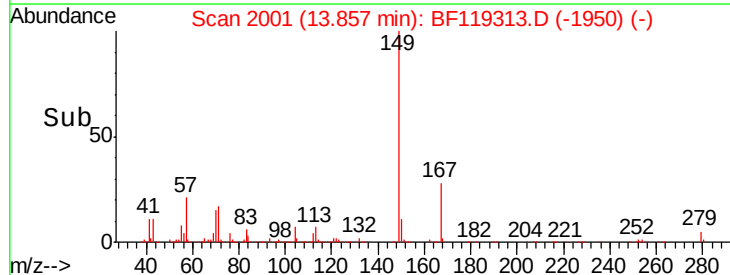
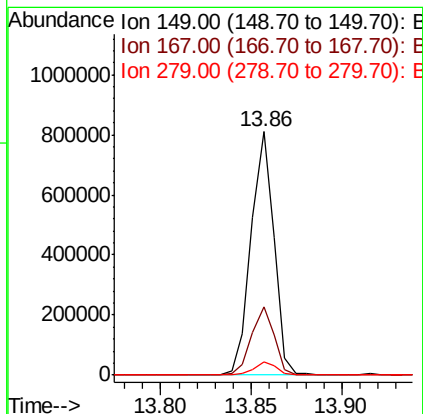
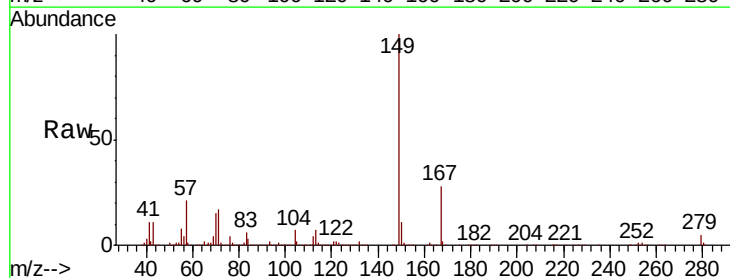
Instrument :
 BNA_F
 ClientSampled :

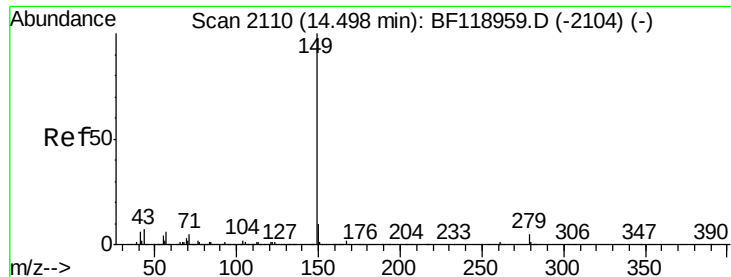
Tot Ion:228 Resp: 985326
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.1 37.7
 229 19.7 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.687 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119313.D
 Acq: 10 Mar 2020 13:07

Tgt Ion:149 Resp: 713646
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.8 34.2
 279 5.3 4.6 6.8

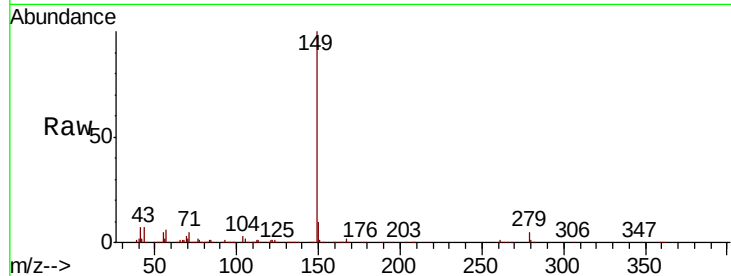




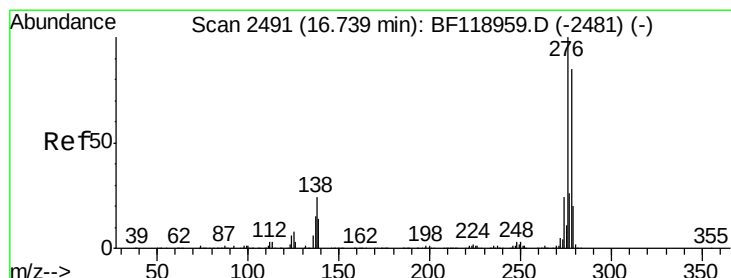
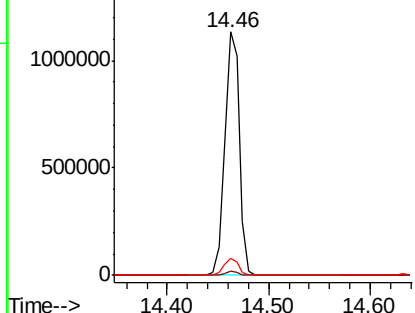
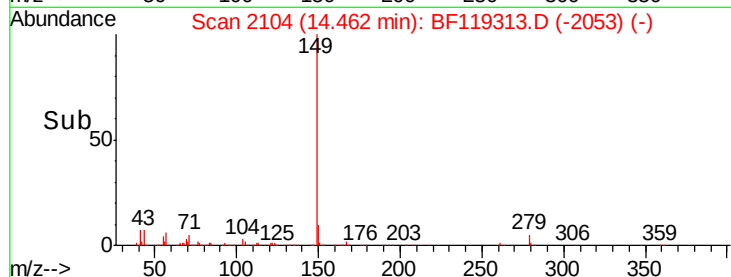
#85
Di-n-octyl phthalate
Concen: 46.997 ng
RT: 14.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1120604
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.8 5.7 8.5

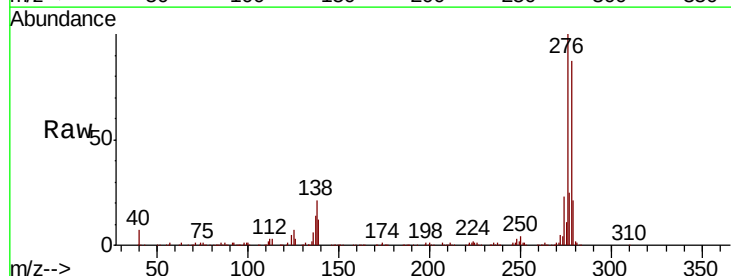


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

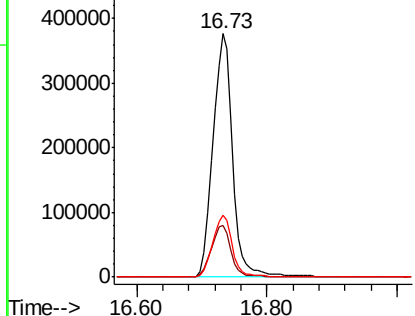
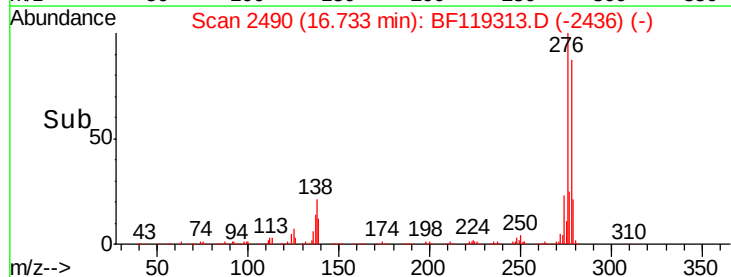


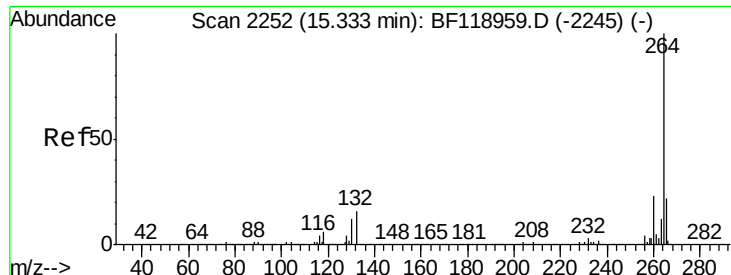
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.134 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion:276 Resp: 786521
Ion Ratio Lower Upper
276 100
138 21.3 17.4 26.0
277 25.5 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



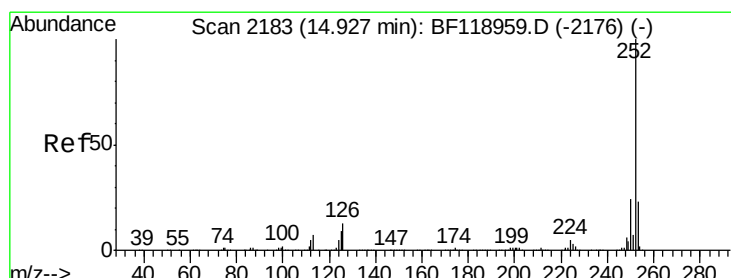
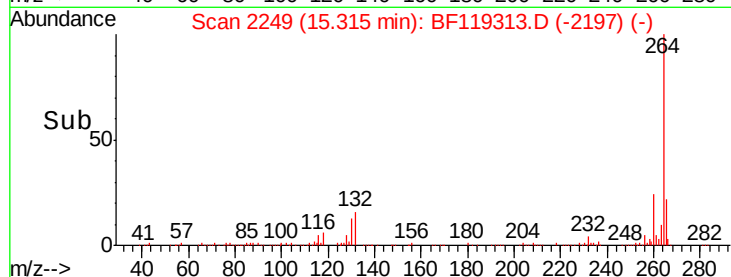
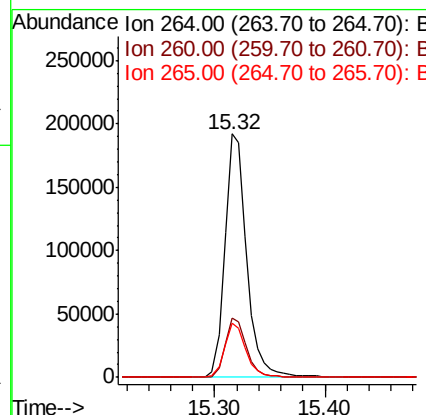
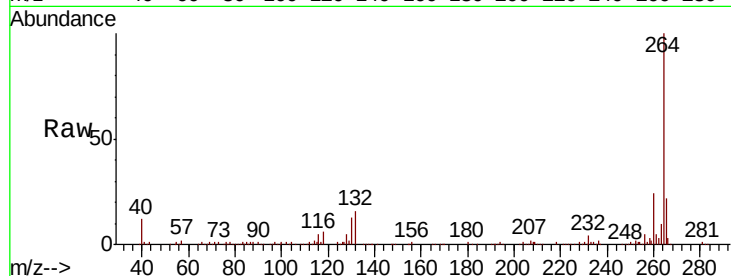


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 264546

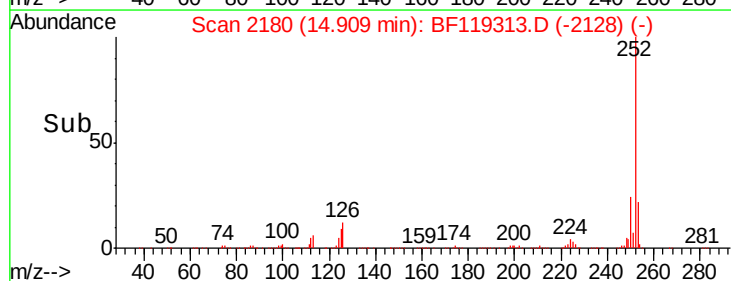
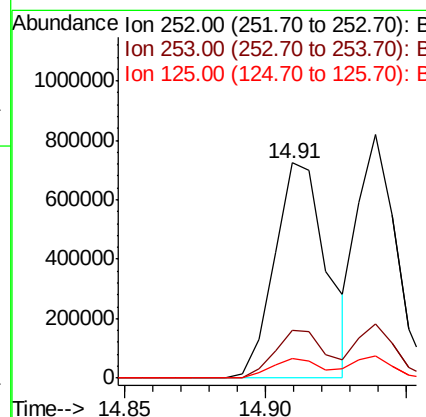
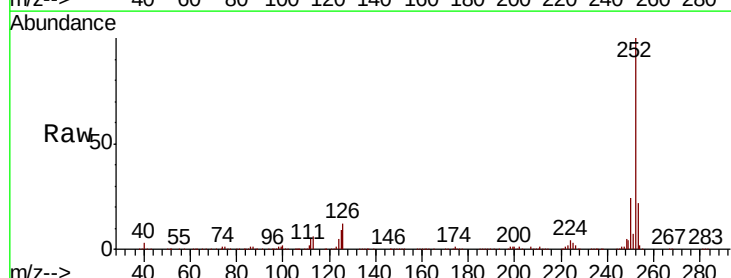
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.2	17.7	26.5

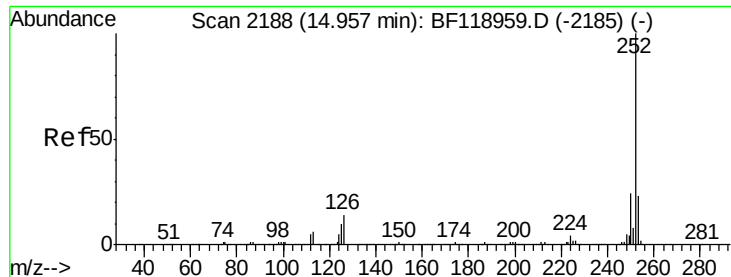


#88
Benzo(b)fluoranthene
Concen: 53.333 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion:252 Resp: 929992

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	9.4	7.4	11.0

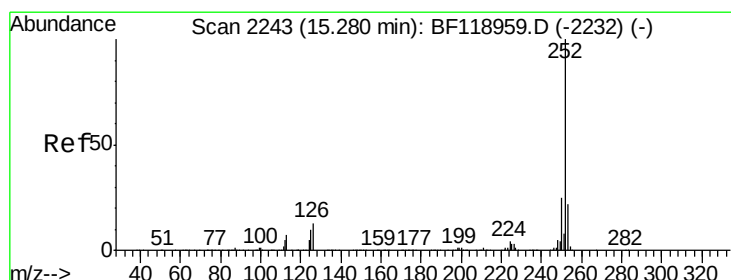
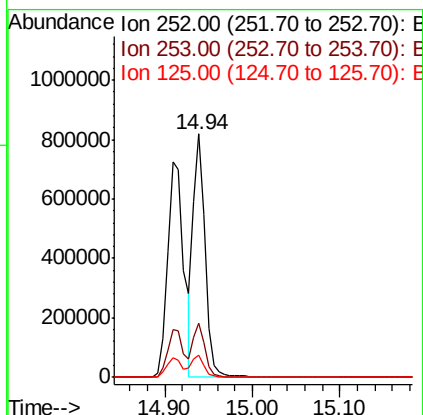
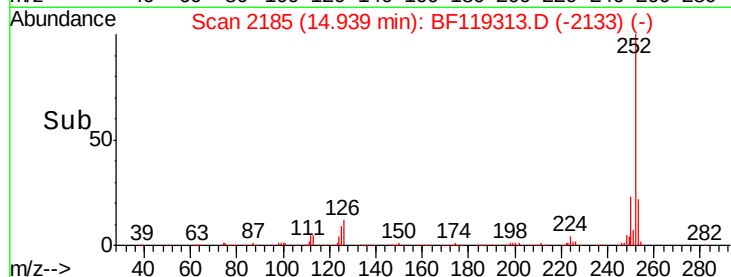
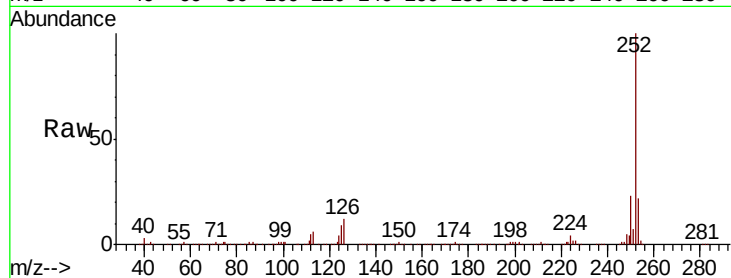




#89
Benzo(k)fluoranthene
Concen: 48.646 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

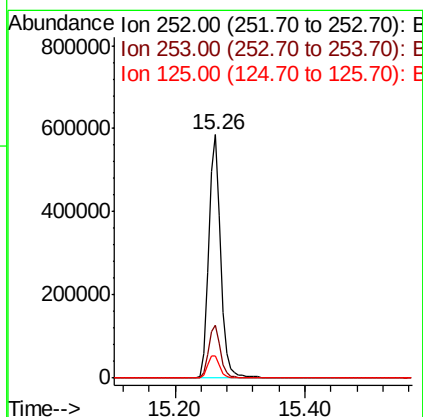
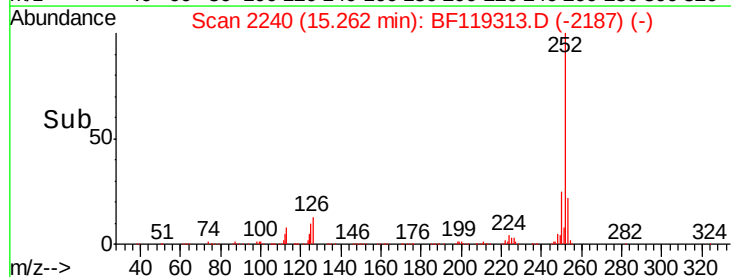
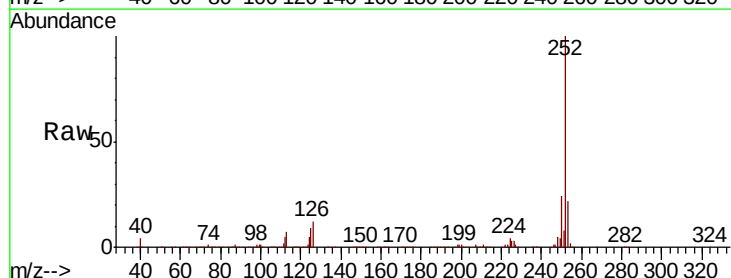
Instrument :
BNA_F
ClientSampled :

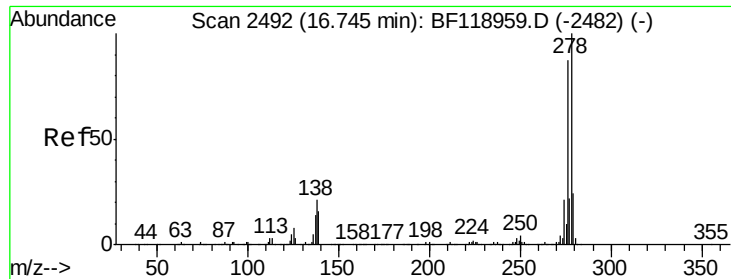
Tot Ion:252 Resp: 786098
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 8.9 7.5 11.3



#90
Benzo(a)pyrene
Concen: 47.075 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion:252 Resp: 740859
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 9.1 8.6 12.8

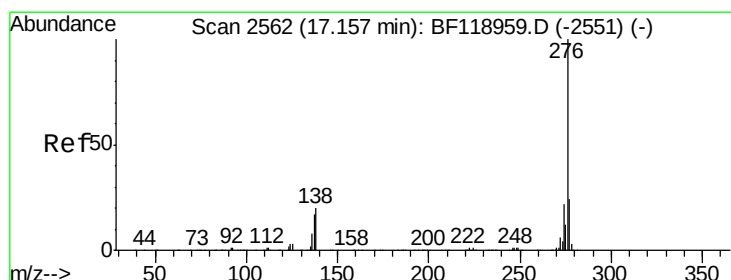
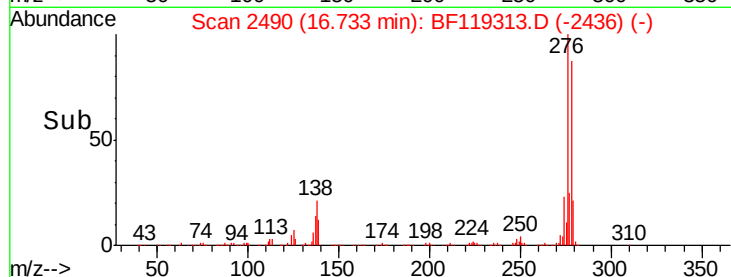
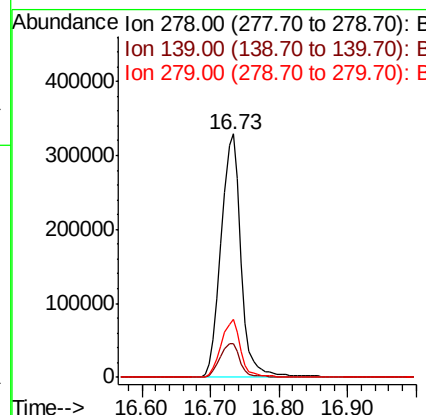
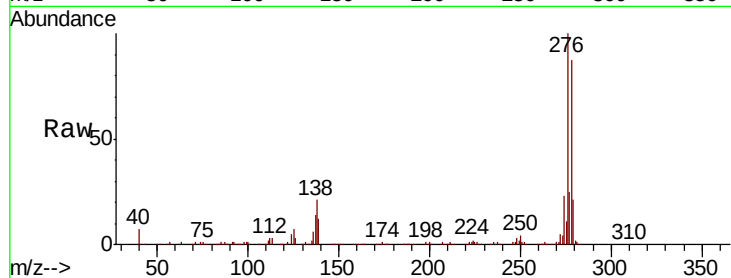




#91
Dibenzo(a,h)anthracene
Concen: 47.979 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 664378
Ion Ratio Lower Upper
278 100
139 14.0 11.0 16.4
279 23.9 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 47.569 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.02 min
Lab File: BF119313.D
Acq: 10 Mar 2020 13:07

Tgt Ion:276 Resp: 650837
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 18.6 14.3 21.5

