

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
 Data File : BF119093.D
 Acq On : 26 Feb 2020 14:25
 Operator : CG/JU
 Sample : L1681-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 16:11:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	153529	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	597825	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	334307	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	637139	20.00	ng	0.00
76) Chrysene-d12	13.90	240	444416	20.00	ng	0.00
87) Perylene-d12	15.32	264	364860	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	605468	65.91	ng	0.00
7) Phenol-d6	6.39	99	730583	65.39	ng	-0.01
23) Nitrobenzene-d5	7.31	82	476840	42.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	262120	59.94	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	927174	40.86	ng	0.00
79) Terphenyl-d14	12.84	244	1129670	43.76	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	160660	39.278	ng	97
3) Pyridine	3.22	79	402888	36.066	ng	98
4) n-Nitrosodimethylamine	3.17	42	161623	47.762	ng	100
6) Aniline	6.41	93	481094	34.896	ng	85
8) 2-Chlorophenol	6.53	128	489895	49.413	ng	100
9) Benzaldehyde	6.29	77	200346	26.839	ng	99
10) Phenol	6.40	94	576346	47.711	ng	97
11) bis(2-Chloroethyl)ether	6.48	93	433535	46.905	ng	98
12) 1,3-Dichlorobenzene	6.69	146	527185	44.365	ng	98
13) 1,4-Dichlorobenzene	6.76	146	536353	45.105	ng	99
14) 1,2-Dichlorobenzene	6.92	146	503836	46.459	ng	99
15) Benzyl Alcohol	6.89	79	405448	50.210	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	350588	43.787	ng	89
17) 2-Methylphenol	7.01	107	387234	48.175	ng	96
18) Hexachloroethane	7.26	117	191227	44.950	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	310112	47.633	ng	99
20) 3+4-Methylphenols	7.17	107	476335	48.370	ng	95
22) Acetophenone	7.16	105	630624	45.591	ng	# 98
24) Nitrobenzene	7.33	77	496737	44.364	ng	97
25) Isophorone	7.57	82	887785	45.148	ng	100
26) 2-Nitrophenol	7.65	139	270934	45.669	ng	98
27) 2,4-Dimethylphenol	7.69	122	413625	51.372	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	531501	41.527	ng	100
29) 2,4-Dichlorophenol	7.89	162	420364	44.349	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	466766	41.534	ng	99
31) Naphthalene	8.05	128	1361154	43.902	ng	99
32) Benzoic acid	7.85	122	273186	46.709	ng	98
33) 4-Chloroaniline	8.10	127	220030	16.500	ng	98
34) Hexachlorobutadiene	8.17	225	282851	40.406	ng	99
35) Caprolactam	8.48	113	72402	24.807	ng	98
36) 4-Chloro-3-methylphenol	8.60	107	443760	46.260	ng	98
37) 2-Methylnaphthalene	8.74	142	932952	44.714	ng	99
38) 1-Methylnaphthalene	8.84	142	879127	44.802	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	465914	41.336	ng	99

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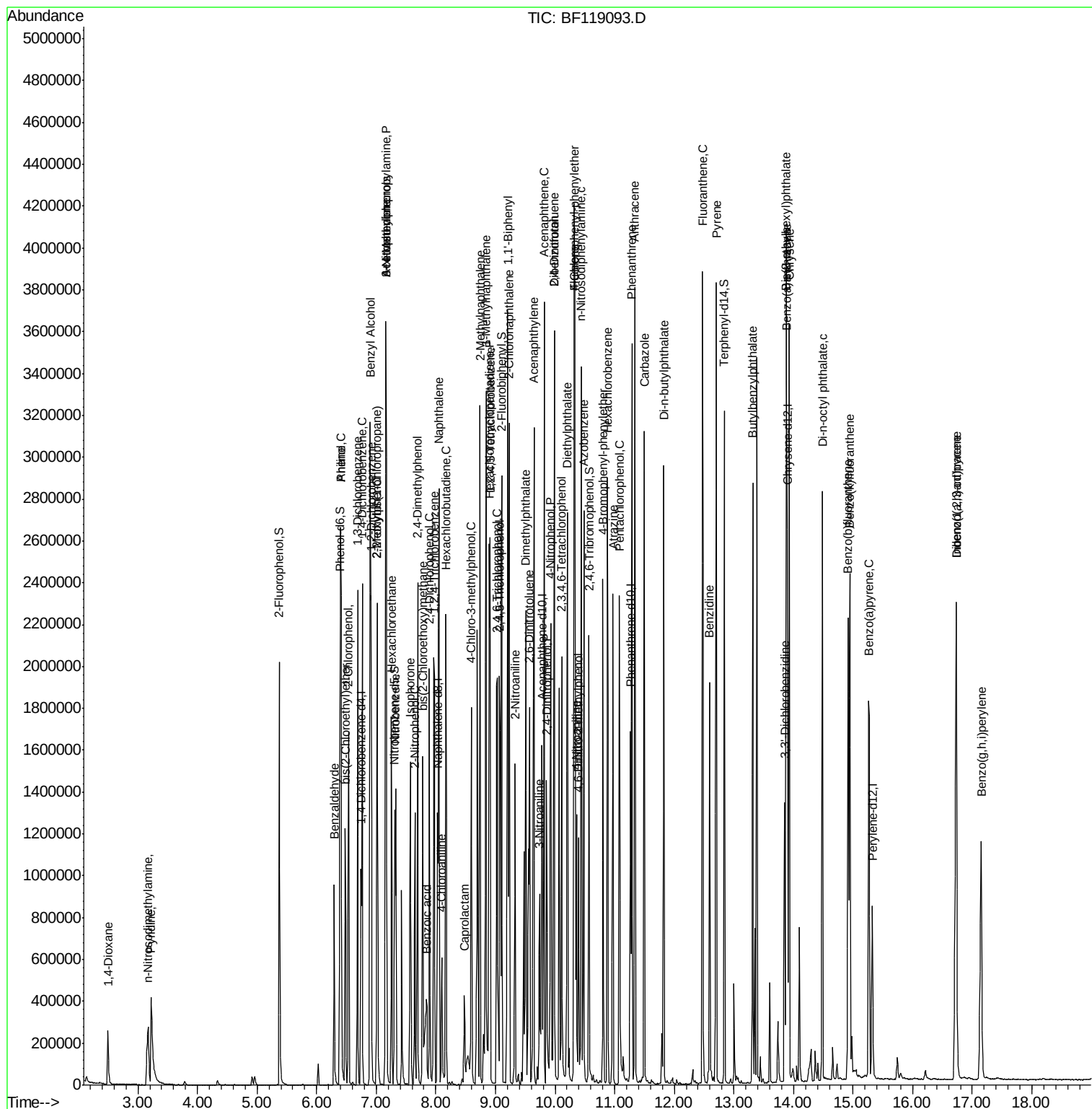
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	335645	81.597	ng	100
43) 2,4,6-Trichlorophenol	9.03	196	307250	43.166	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	330481	44.246	ng	98
46) 1,1'-Biphenyl	9.20	154	1129713	41.812	ng	99
47) 2-Chloronaphthalene	9.23	162	902612	41.455	ng	98
48) 2-Nitroaniline	9.33	65	261552	43.069	ng	98
49) Acenaphthylene	9.65	152	1397511	44.440	ng	99
50) Dimethylphthalate	9.51	163	1161868	45.450	ng	99
51) 2,6-Dinitrotoluene	9.57	165	254938	44.887	ng	96
52) Acenaphthene	9.82	154	811215	42.781	ng	100
53) 3-Nitroaniline	9.74	138	146256	23.228	ng	99
54) 2,4-Dinitrophenol	9.86	184	220901	80.023	ng	92
55) Dibenzofuran	9.99	168	1225522	43.301	ng	100
56) 4-Nitrophenol	9.92	139	323437	85.497	ng	94
57) 2,4-Dinitrotoluene	9.98	165	326687	44.376	ng	93
58) Fluorene	10.33	166	982944	44.694	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.11	232	282816	44.874	ng	99
60) Diethylphthalate	10.20	149	1084423	45.014	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	505722	43.443	ng	96
62) 4-Nitroaniline	10.36	138	257207	39.927	ng	98
63) Azobenzene	10.48	77	947430	45.245	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	187083	48.525	ng	97
66) n-Nitrosodiphenylamine	10.44	169	908969	43.570	ng	98
67) 4-Bromophenyl-phenylether	10.81	248	345223	41.452	ng	92
68) Hexachlorobenzene	10.88	284	397438	41.391	ng	98
69) Atrazine	10.97	200	320857	44.019	ng	98
70) Pentachlorophenol	11.08	266	340703	88.084	ng	99
71) Phenanthrene	11.29	178	1488266	42.832	ng	98
72) Anthracene	11.34	178	1541878	44.412	ng	99
73) Carbazole	11.50	167	1322555	42.761	ng	99
74) Di-n-butylphthalate	11.83	149	1683805	44.955	ng	98
75) Fluoranthene	12.47	202	1587481	43.042	ng	99
77) Benzidine	12.59	184	739715	40.927	ng	99
78) Pyrene	12.70	202	1564349	43.836	ng	99
80) Butylbenzylphthalate	13.32	149	690029	45.943	ng	96
81) Benzo(a)anthracene	13.89	228	1272545	42.025	ng	99
82) 3,3'-Dichlorobenzidine	13.85	252	315250	26.811	ng	99
83) Chrysene	13.93	228	1227600	40.686	ng	99
84) Bis(2-ethylhexyl)phthalate	13.88	149	909621	47.939	ng	100
85) Di-n-octyl phthalate	14.49	149	1424018	47.102	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	1165190	39.883	ng	100
88) Benzo(b)fluoranthene	14.92	252	1043559	43.392	ng	99
89) Benzo(k)fluoranthene	14.94	252	1080755	48.492	ng	100
90) Benzo(a)pyrene	15.27	252	942654	43.430	ng	97
91) Dibenzo(a,h)anthracene	16.73	278	968266	50.699	ng	99
92) Benzo(g,h,i)perylene	17.15	276	1002686	53.137	ng	99

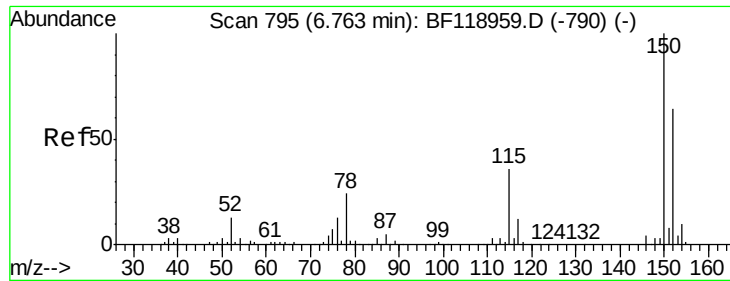
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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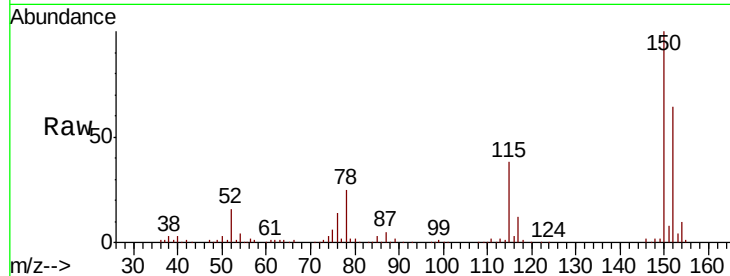


#1

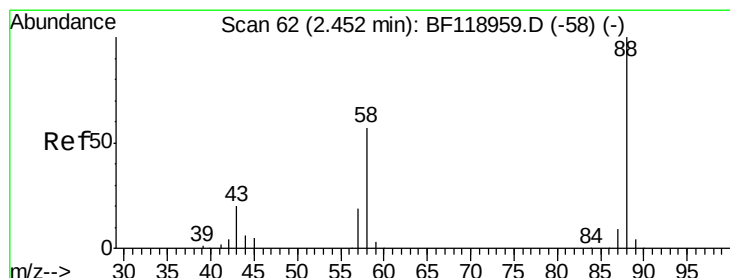
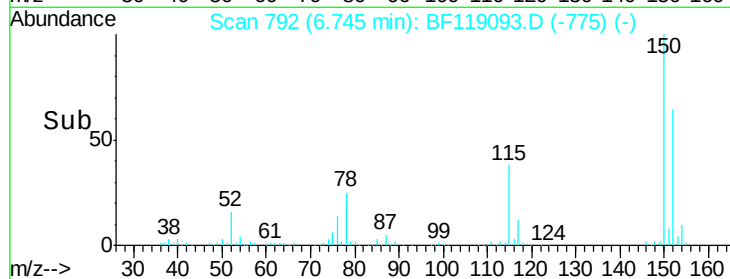
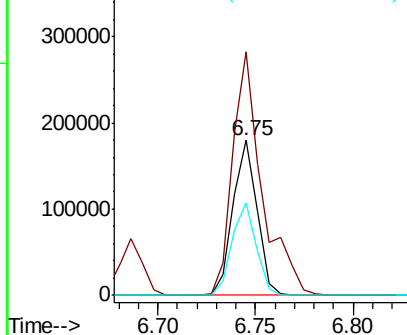
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.0	184.6
115	59.4	49.5	74.3



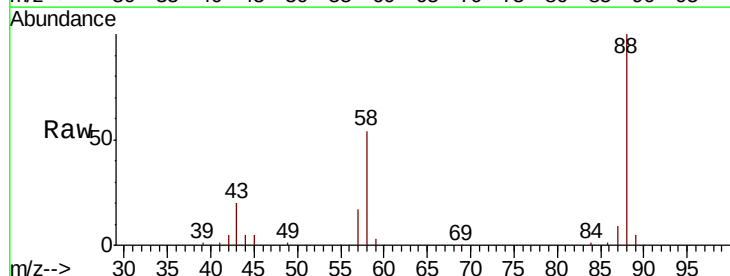
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



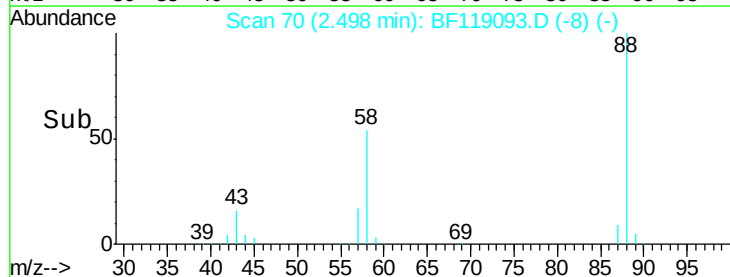
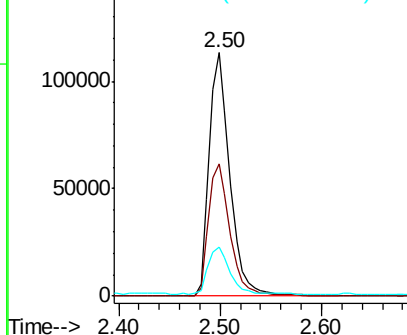
#2

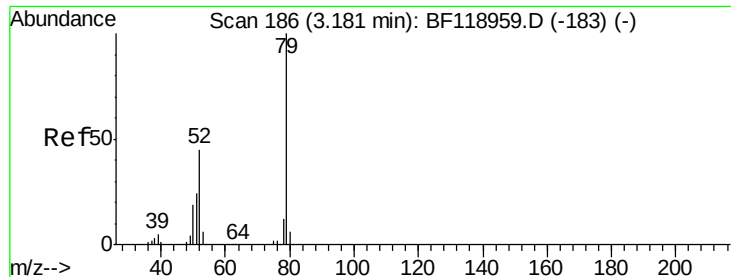
1,4-Dioxane
Concen: 39.278 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.9	43.8	65.6
43	21.1	16.2	24.4



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





#3

Pvridine

Concen: 36.066 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.06 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

ClientSampleId :

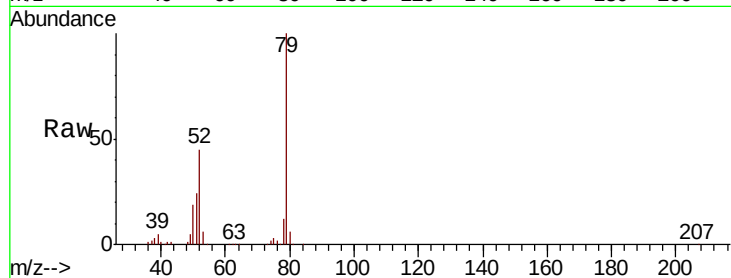
Tot Ion: 79 Resp: 402888

Ion Ratio Lower Upper

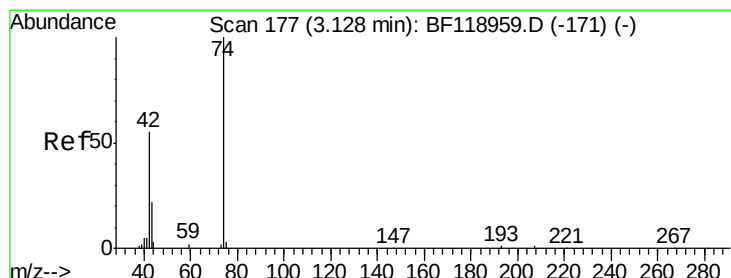
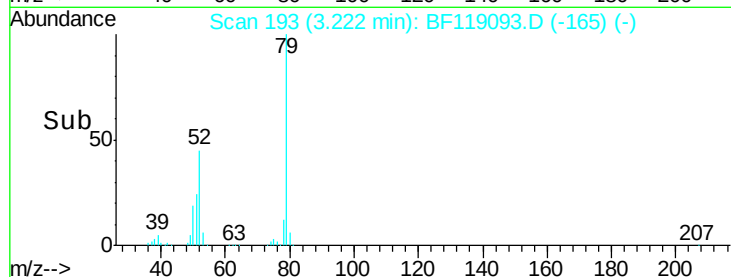
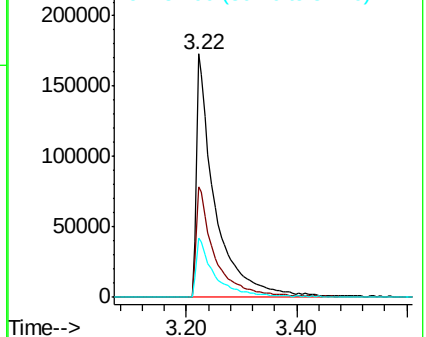
79 100

52 45.5 37.4 56.0

51 24.2 19.8 29.6



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



#4

n-Nitrosodimethylamine

Concen: 47.762 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.05 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

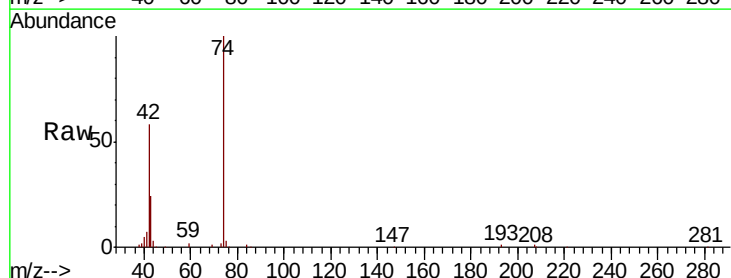
Tgt Ion: 42 Resp: 161623

Ion Ratio Lower Upper

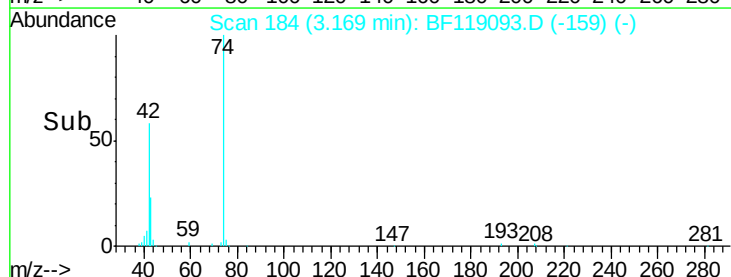
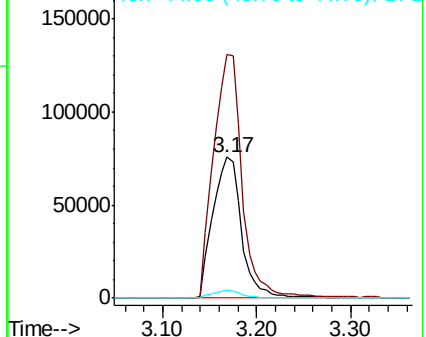
42 100

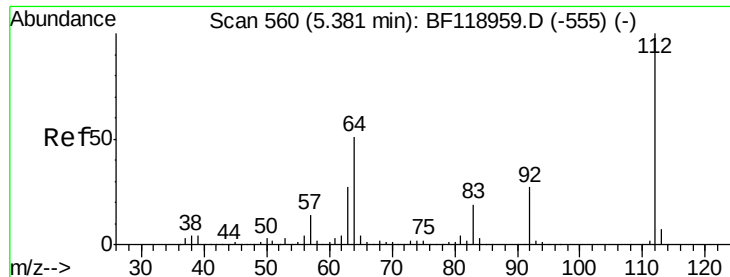
74 172.5 137.7 206.5

44 5.5 4.5 6.7



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





#5

2-Fluorophenol

Concen: 65.906 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF119093.D

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Instrument :

BNA_F

ClientSampleId :

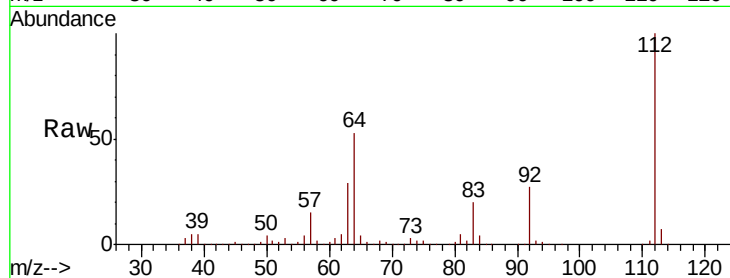
Tot Ion: 112 Resp: 605468

Ion Ratio Lower Upper

112 100

64 53.4 45.0 67.4

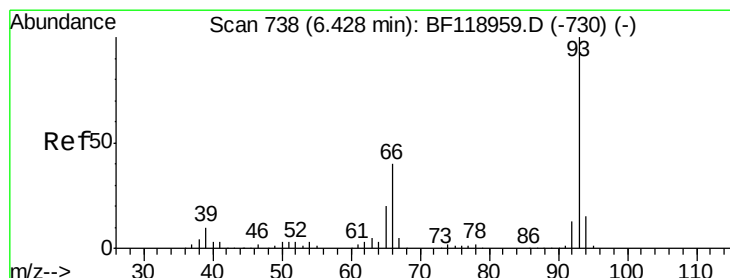
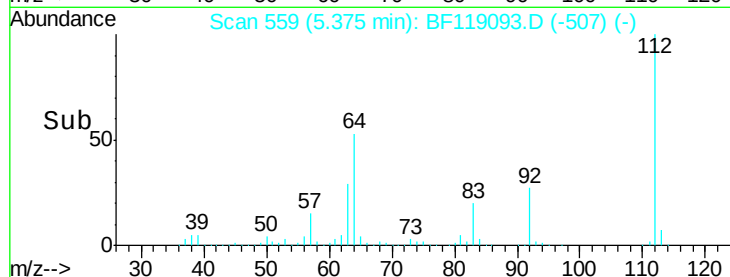
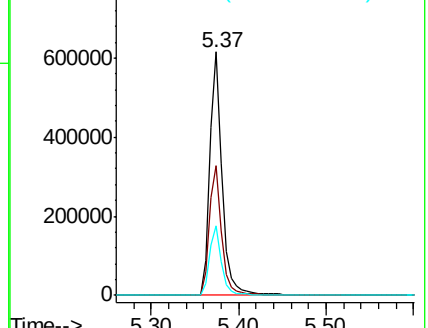
63 28.6 24.2 36.4



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: 34.896 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

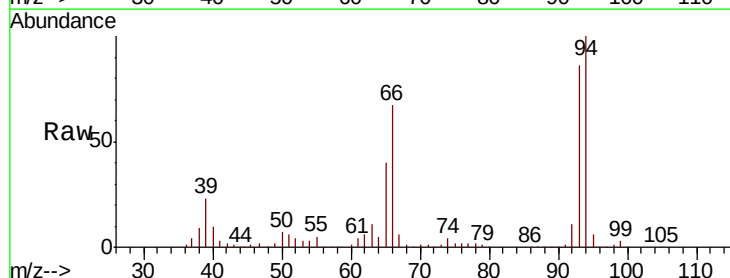
Tgt Ion: 93 Resp: 481094

Ion Ratio Lower Upper

93 100

66 78.2 74.5 111.7

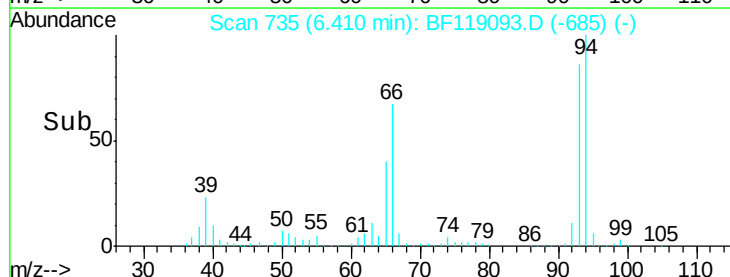
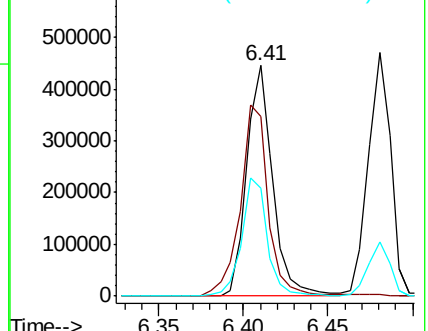
65 46.6 45.3 67.9

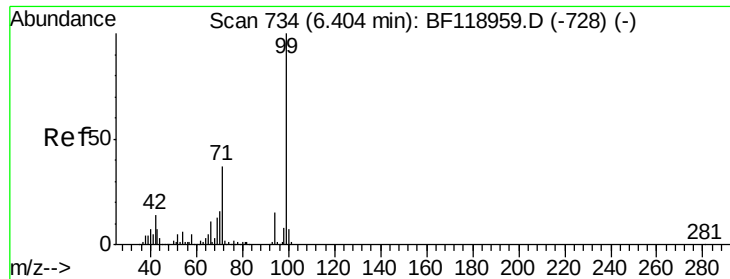


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 65.389 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119093.D

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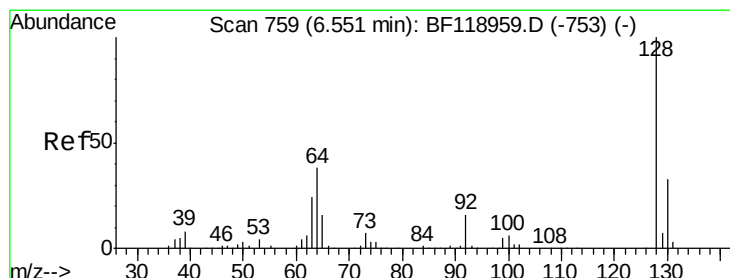
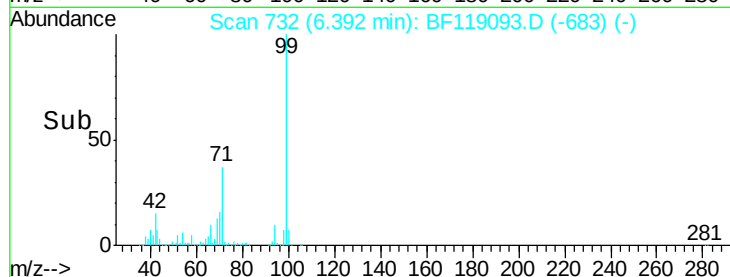
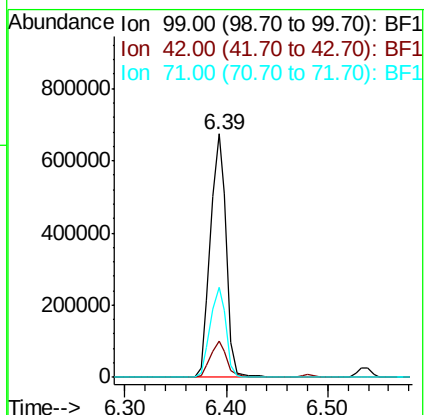
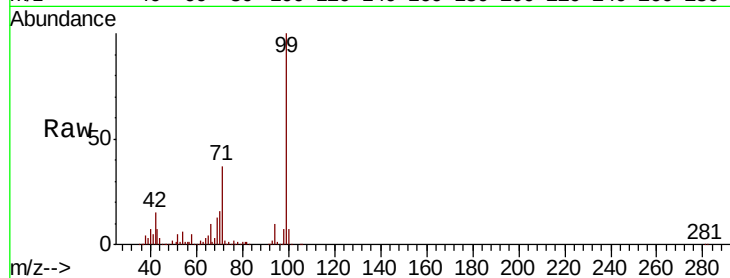
Tot Ion: 99 Resp: 730583

Ion Ratio Lower Upper

99 100

42 14.9 12.6 18.8

71 37.2 31.0 46.4



#8

2-Chlorophenol

Concen: 49.413 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

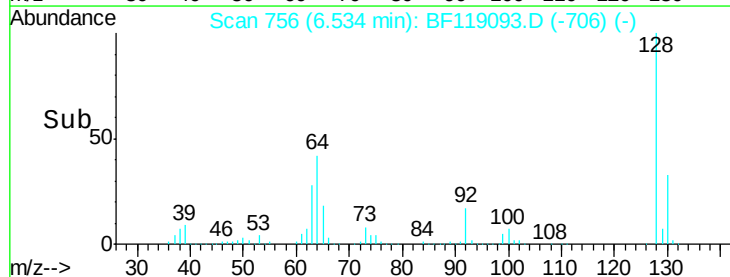
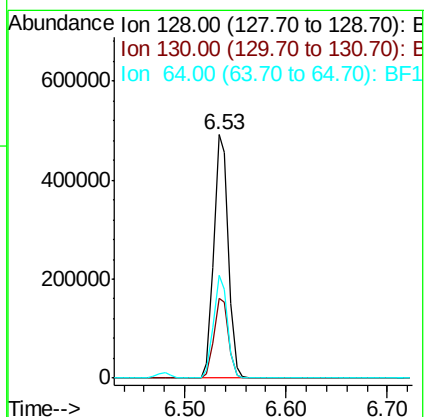
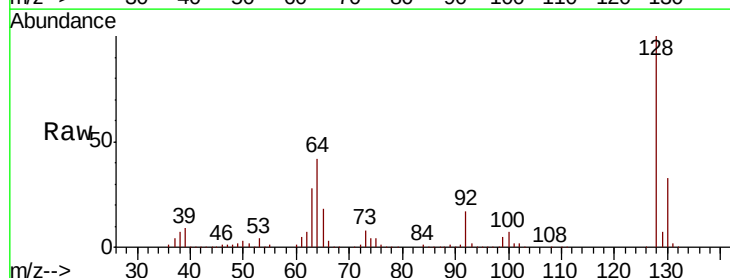
Tgt Ion: 128 Resp: 489895

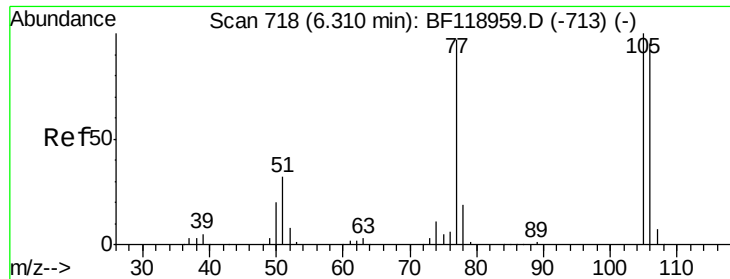
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 42.3 22.3 62.3





#9

Benzaldehyde

Concen: 26.839 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

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BNA_F

ClientSampled :

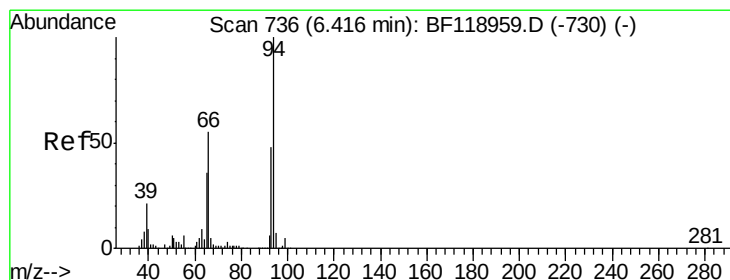
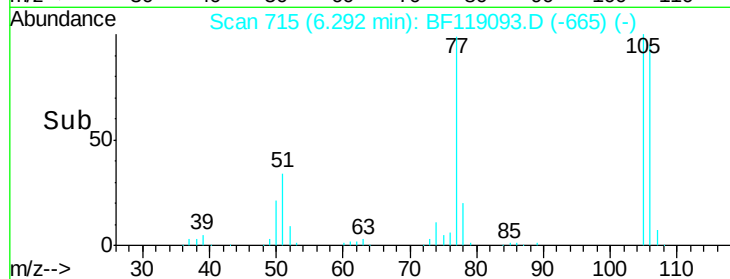
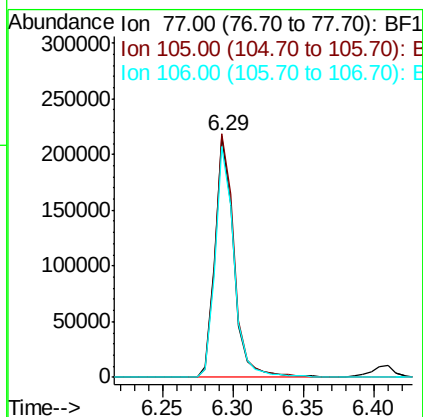
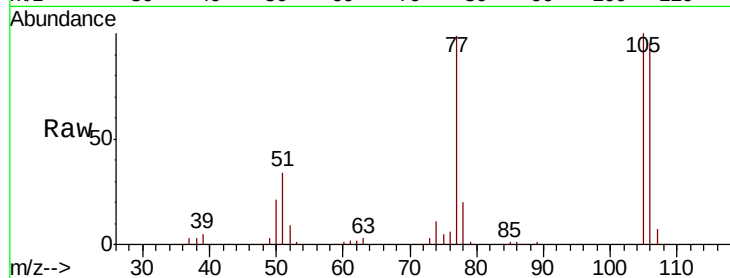
Tot Ion: 77 Resp: 200346

Ion Ratio Lower Upper

77 100

105 101.0 80.1 120.1

106 95.6 75.9 115.9



#10

Phenol

Concen: 47.711 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

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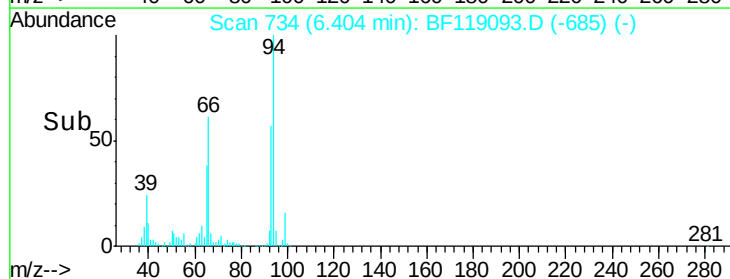
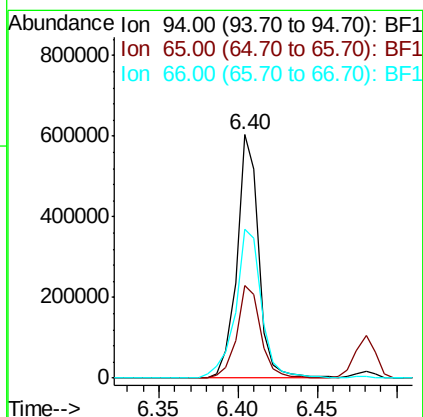
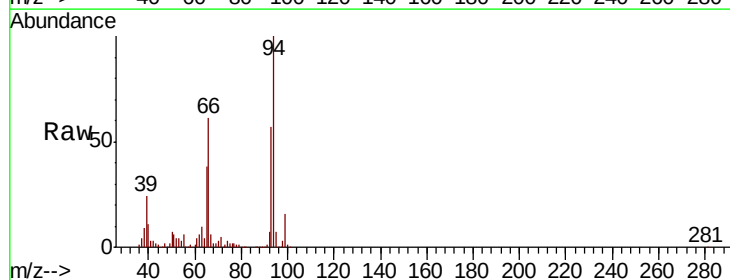
Tgt Ion: 94 Resp: 576346

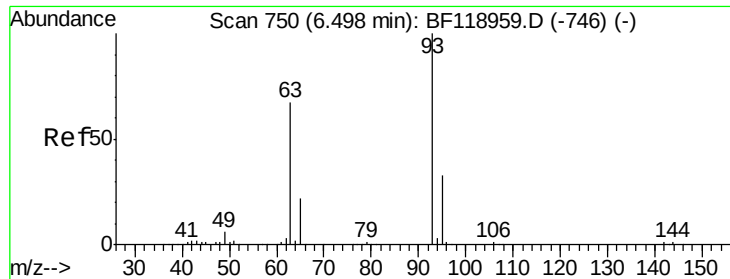
Ion Ratio Lower Upper

94 100

65 38.0 19.2 59.2

66 61.1 44.4 84.4

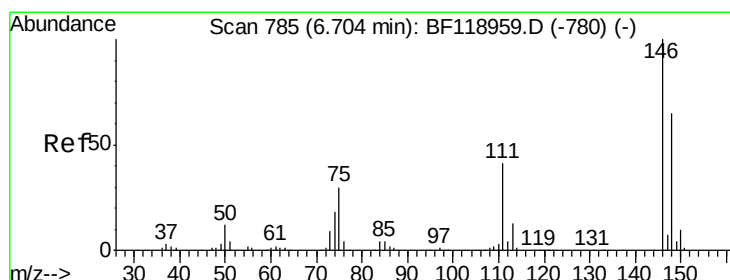
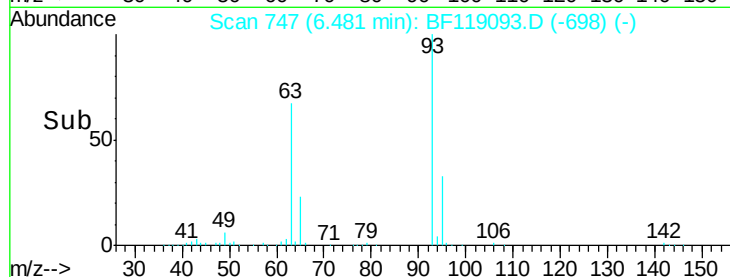
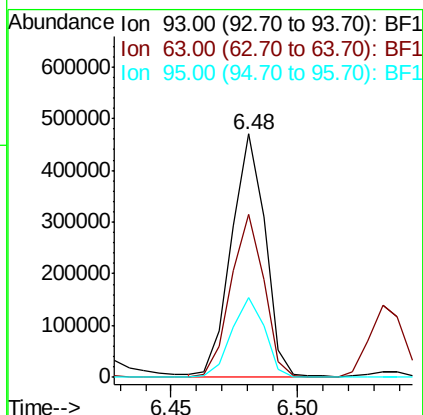
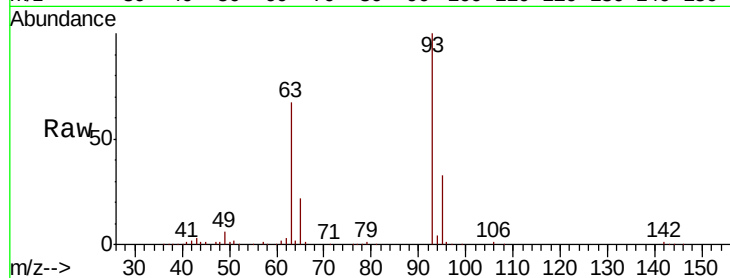




#11
bis(2-Chloroethyl)ether
Concen: 46.905 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

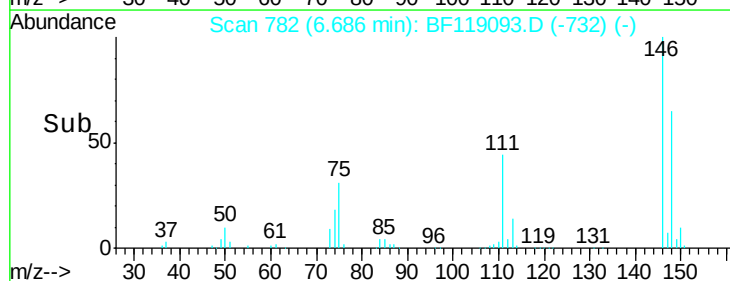
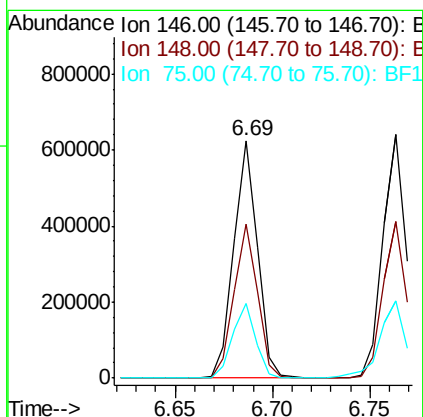
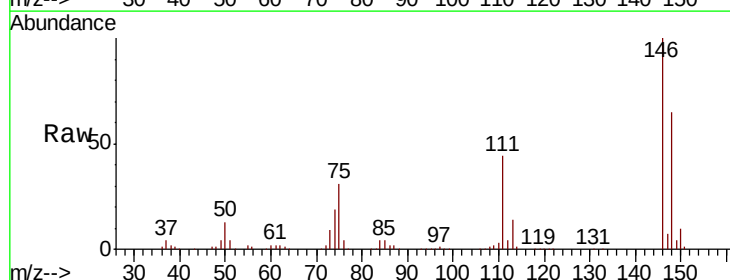
Instrument :
BNA_F
ClientSampleId :

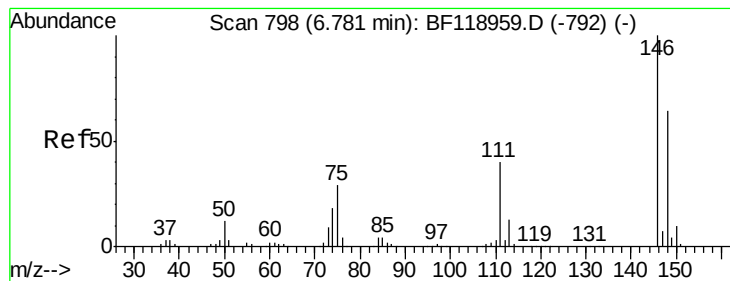
Tot Ion: 93 Resp: 433535
Ion Ratio Lower Upper
93 100
63 66.9 45.4 85.4
95 32.8 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 44.365 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion: 146 Resp: 527185
Ion Ratio Lower Upper
146 100
148 64.8 52.5 78.7
75 31.5 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 45.105 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

ClientSampleId :

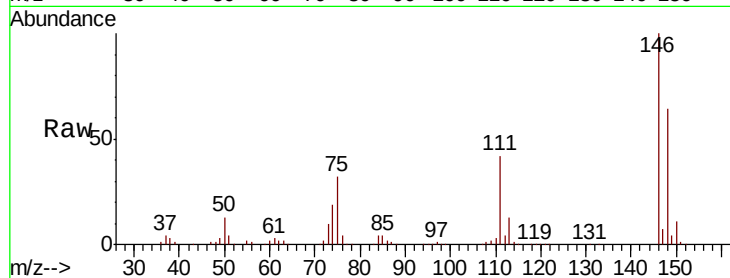
Tot Ion:146 Resp: 536353

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

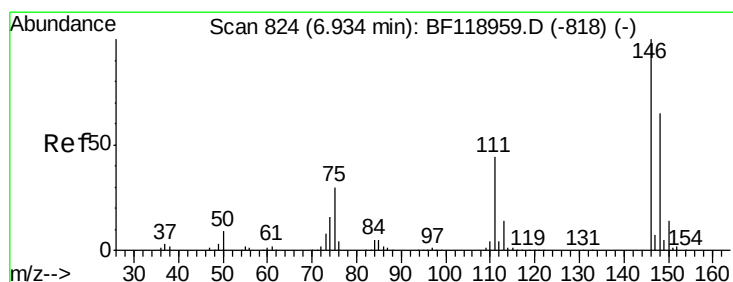
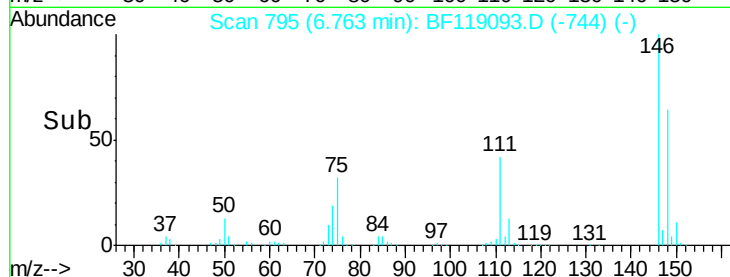
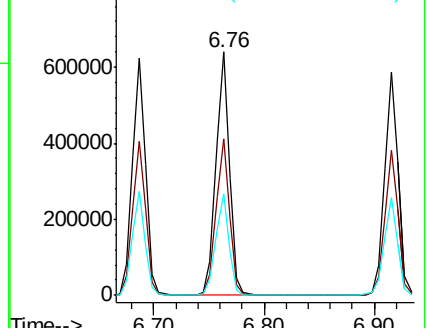
111 41.6 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.459 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

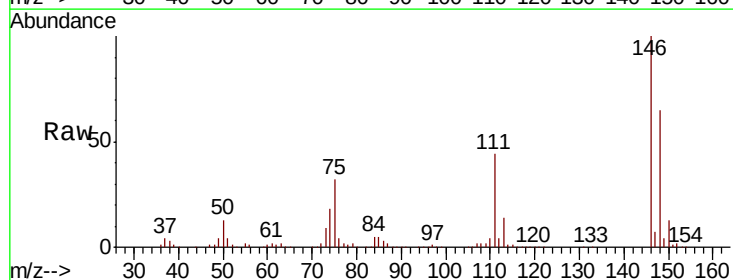
Tgt Ion:146 Resp: 503836

Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

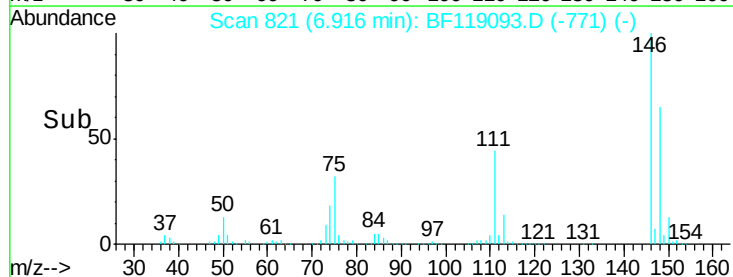
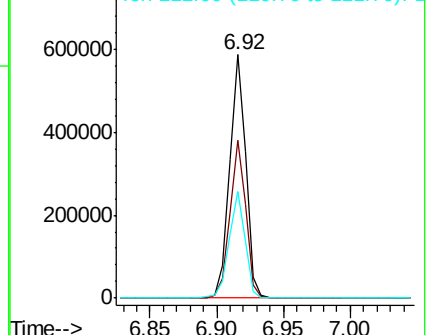
111 43.7 36.2 54.2

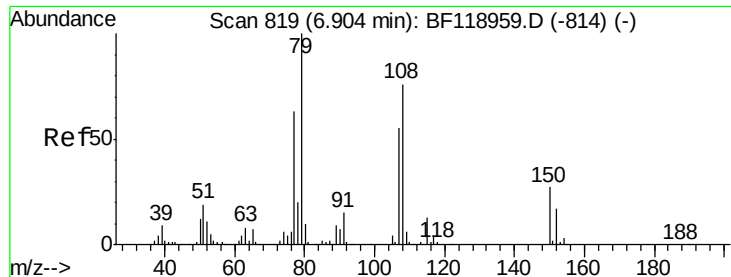


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.210 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

ClientSampled :

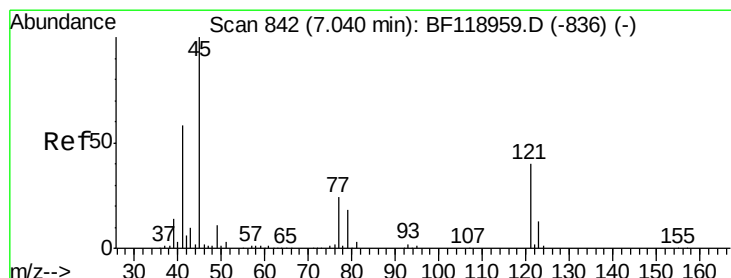
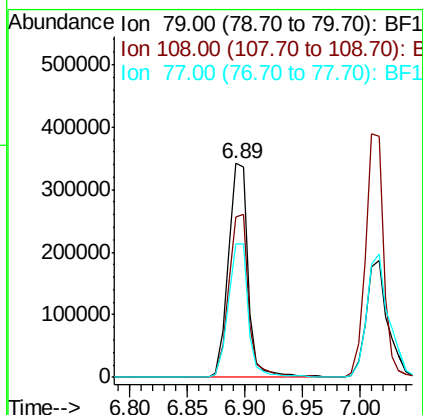
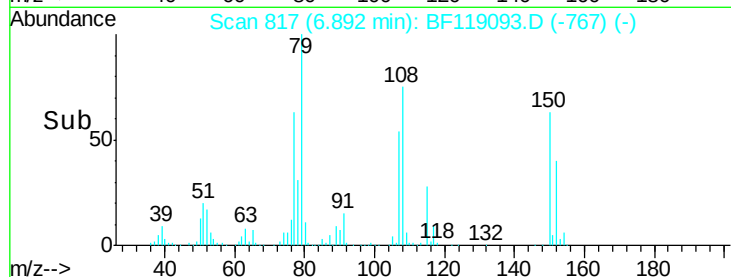
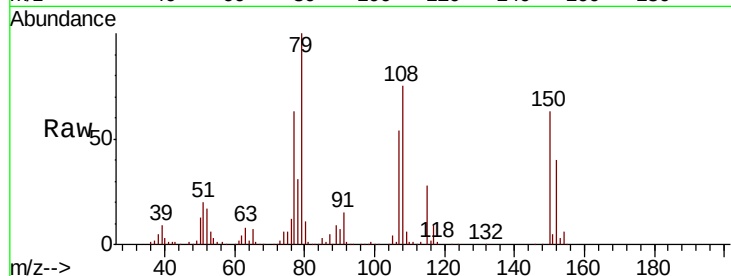
Tot Ion: 79 Resp: 405448

Ion Ratio Lower Upper

79 100

108 75.2 58.2 87.2

77 62.6 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.787 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

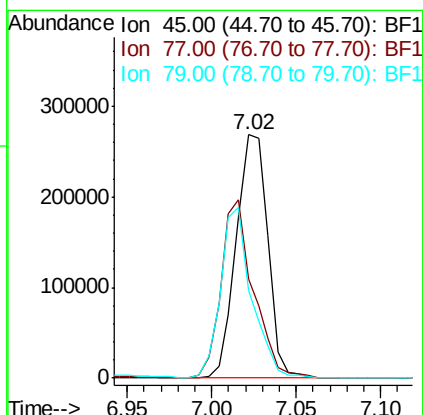
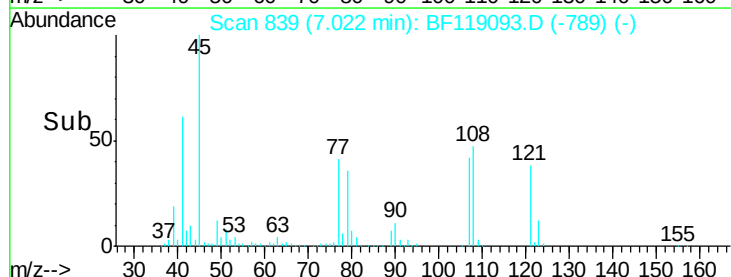
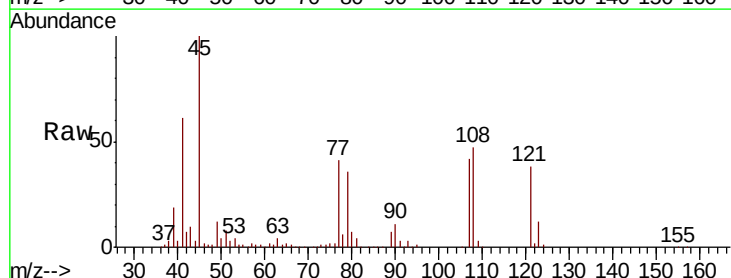
Tgt Ion: 45 Resp: 350588

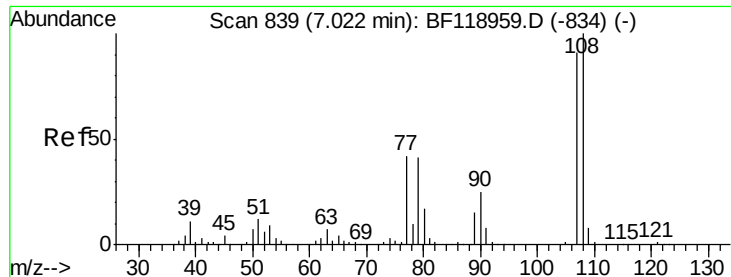
Ion Ratio Lower Upper

45 100

77 40.8 15.0 55.0

79 35.8 9.4 49.4

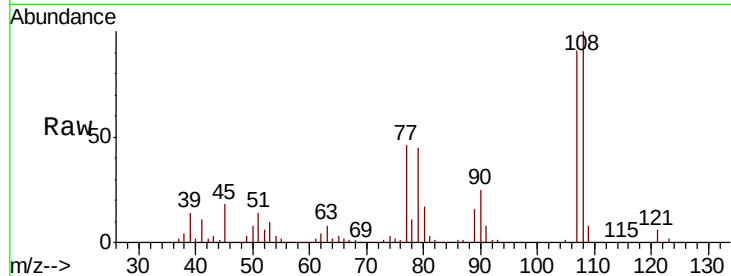




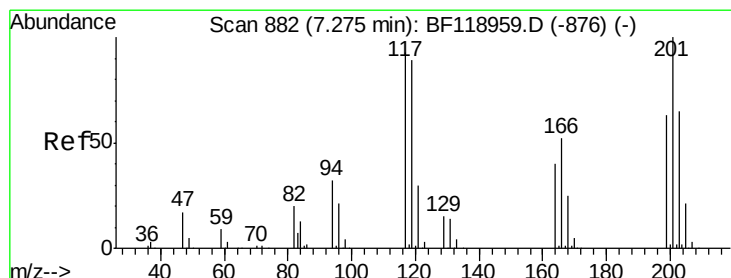
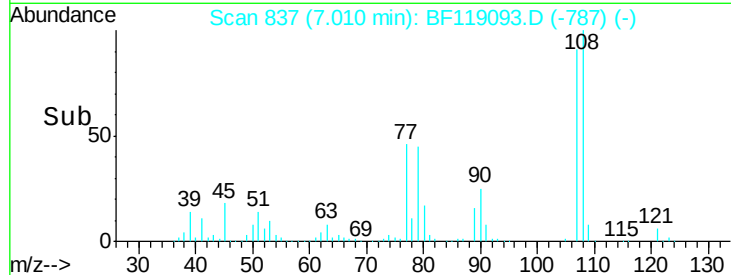
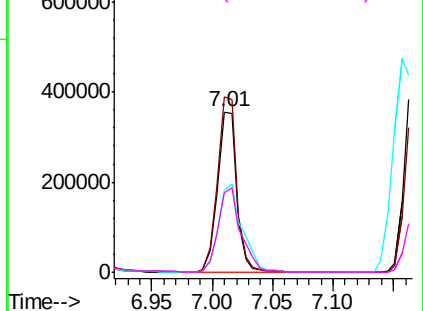
#17
2-Methylphenol
Concen: 48.175 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	387234
Ion	Ratio	Lower	Upper
107	100		
108	109.6	87.9	131.9
77	50.9	45.3	67.9
79	49.6	43.0	64.4

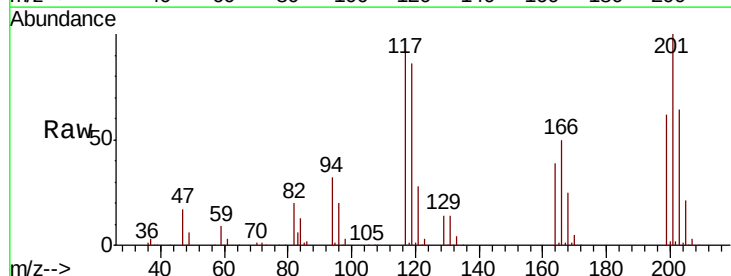


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

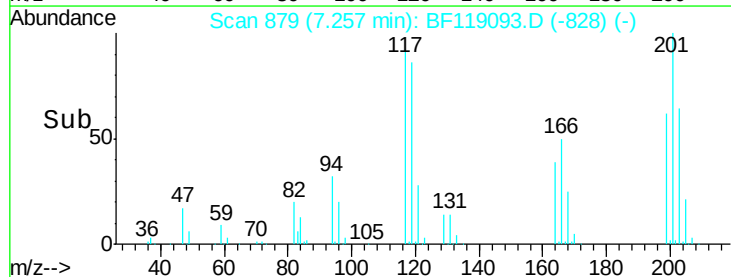
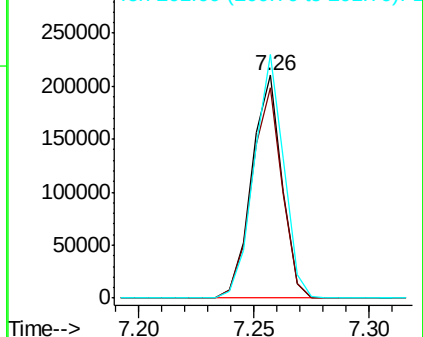


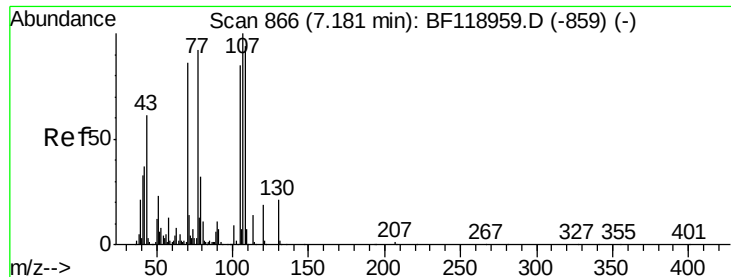
#18
Hexachloroethane
Concen: 44.950 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion:	117	Resp:	191227
Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.5	116.3
201	109.2	82.6	123.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

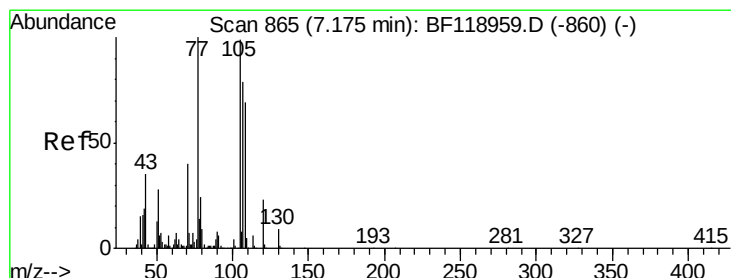
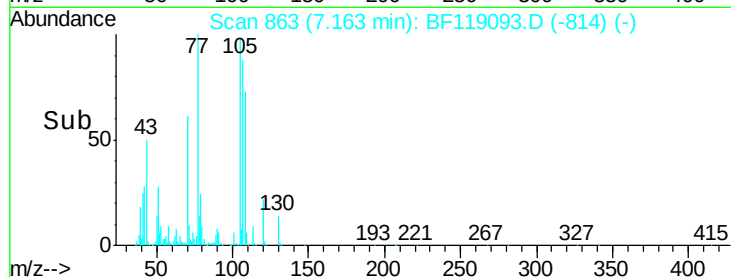
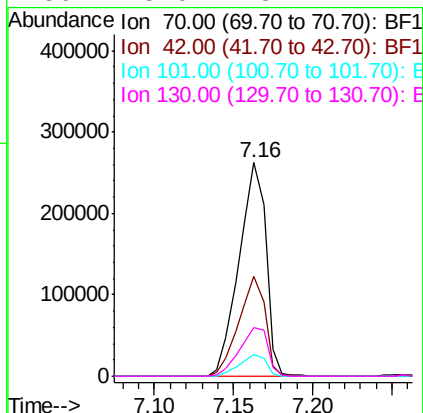
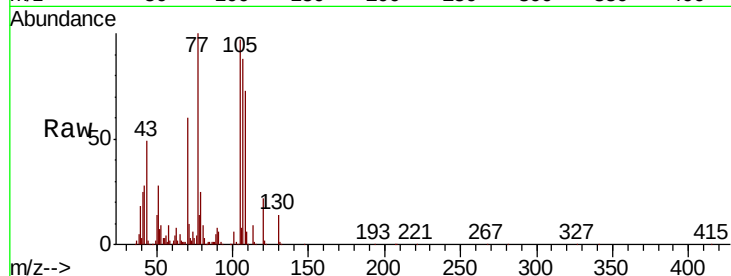




#19
n-Nitroso-di-n-propylamine
Concen: 47.633 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

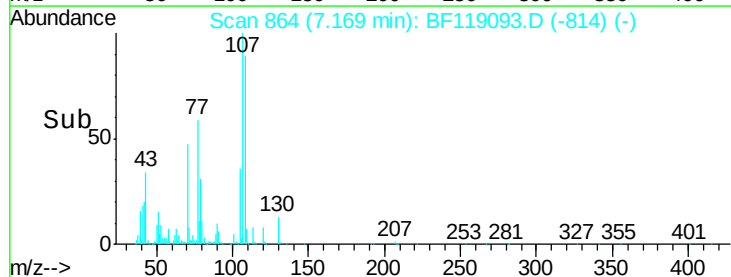
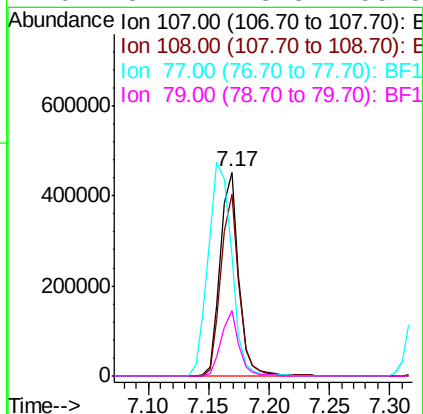
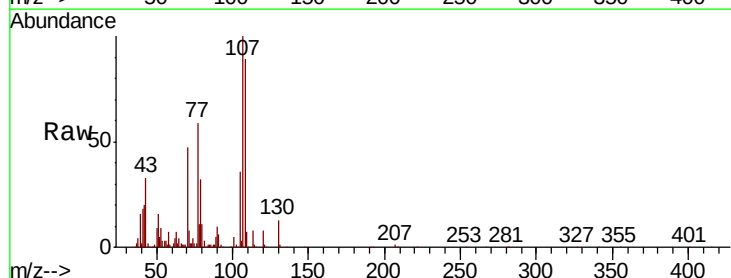
Instrument :
BNA_F
ClientSampleId :

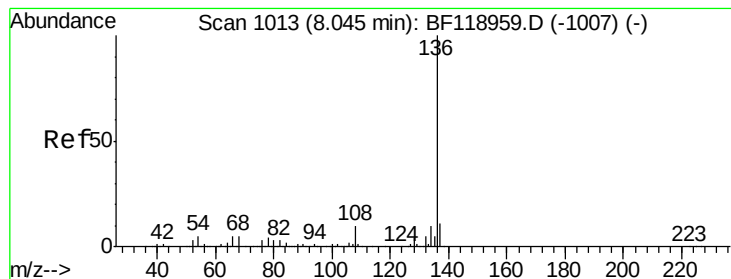
Tot Ion:	70	Resp:	310112
Ion	Ratio	Lower	Upper
70	100		
42	46.7	38.0	57.0
101	10.4	8.2	12.4
130	23.0	18.2	27.4



#20
3+4-Methylphenols
Concen: 48.370 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion:	107	Resp:	476335
Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.5	111.5
77	59.1	45.9	85.9
79	32.1	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 597825

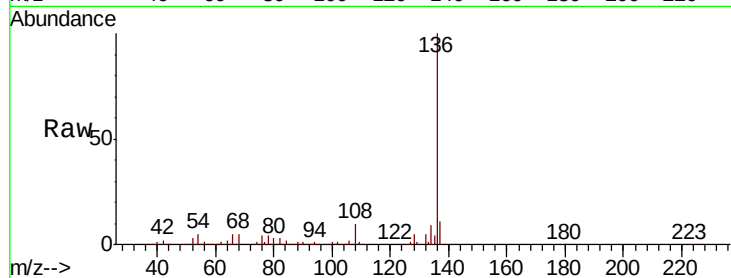
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 4.8 3.8 5.6

68 5.2 3.9 5.9

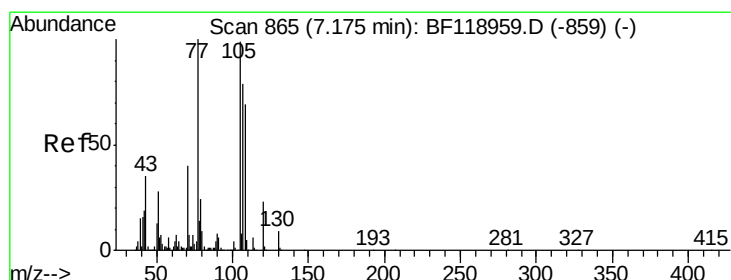
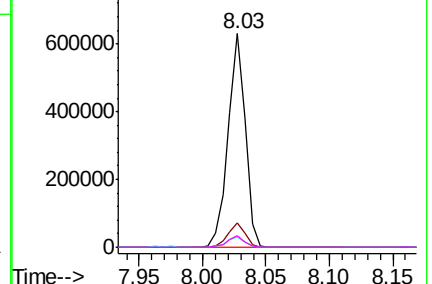
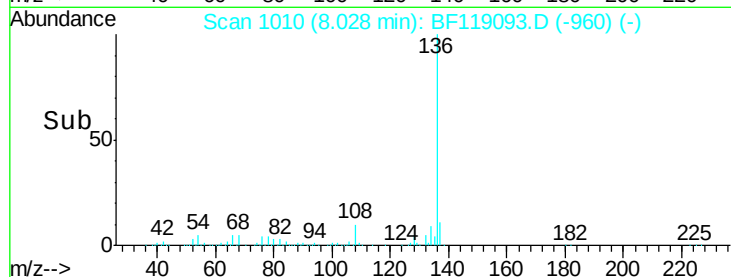


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.591 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Tgt Ion:105 Resp: 630624

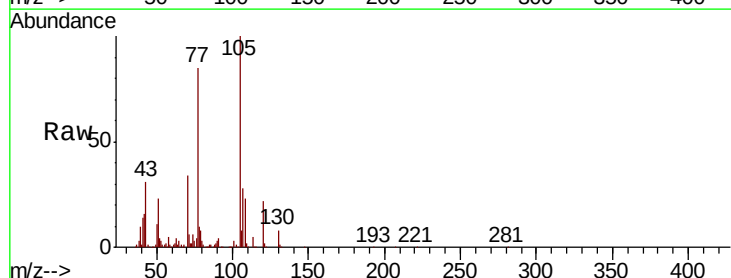
Ion Ratio Lower Upper

105 100

71 5.7 3.0 4.4#

51 23.3 20.1 30.1

120 22.4 18.0 27.0

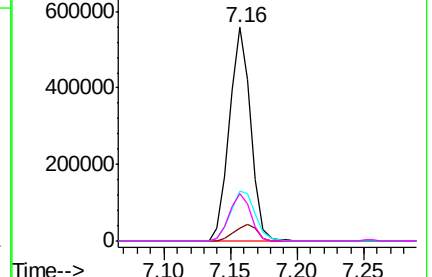
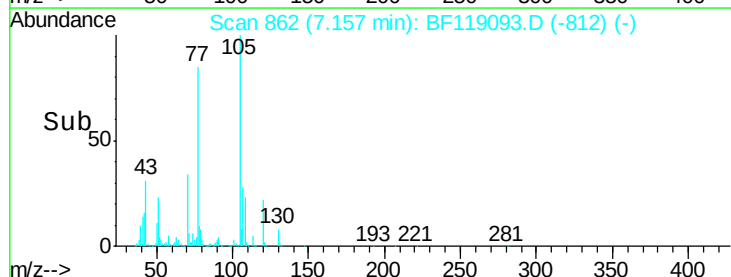


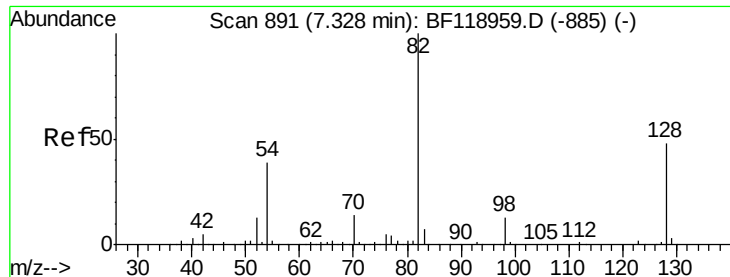
Abundance Ion 105.00 (104.70 to 105.70): E

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

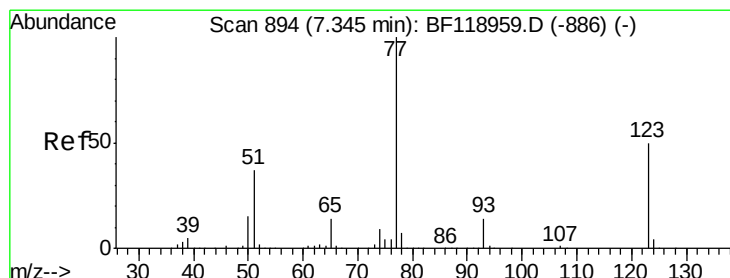
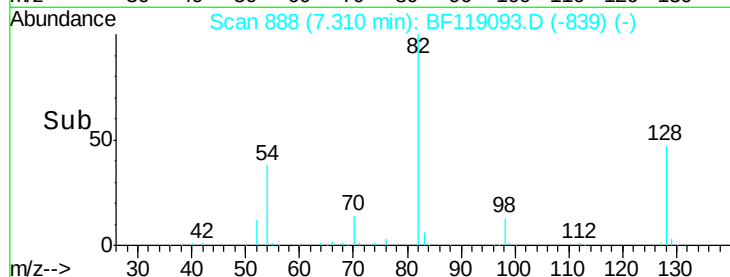
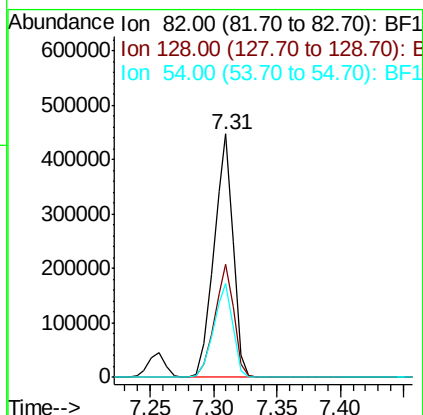
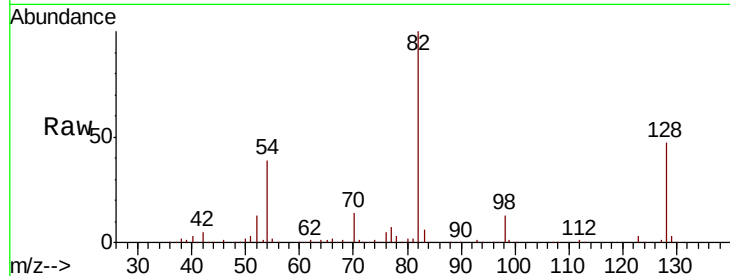




#23
 Nitrobenzene-d5
 Concen: 42.115 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

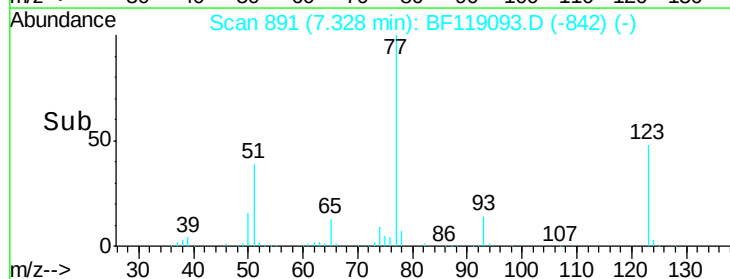
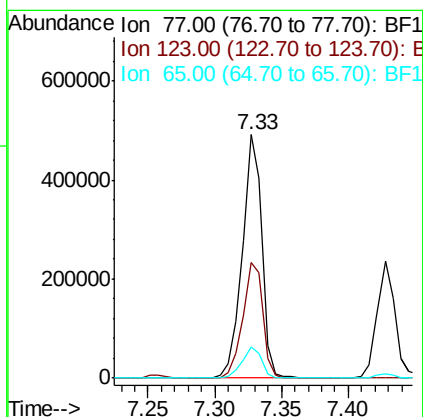
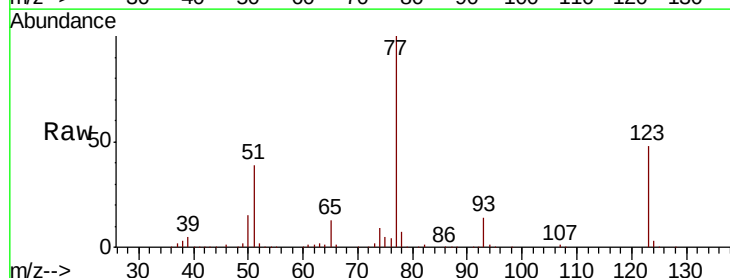
Instrument :
 BNA_F
 ClientSampled :

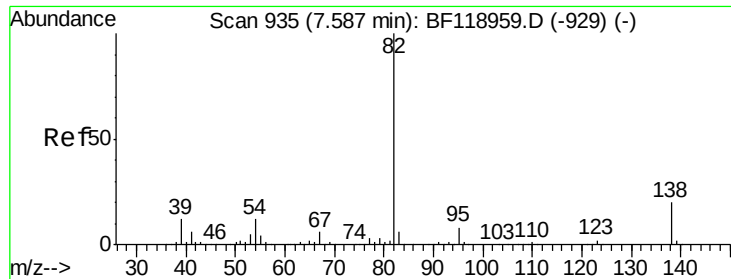
Tot Ion: 82 Resp: 476840
 Ion Ratio Lower Upper
 82 100
 128 46.6 37.9 56.9
 54 38.6 33.4 50.2



#24
 Nitrobenzene
 Concen: 44.364 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tgt Ion: 77 Resp: 496737
 Ion Ratio Lower Upper
 77 100
 123 47.7 40.2 60.2
 65 13.0 10.8 16.2





#25

Isophorone

Concen: 45.148 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

ClientSampleId :

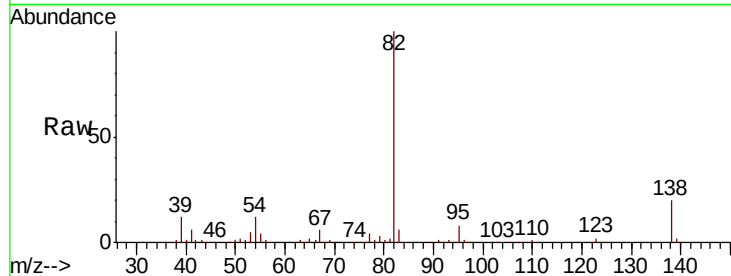
Tot Ion: 82 Resp: 887785

Ion Ratio Lower Upper

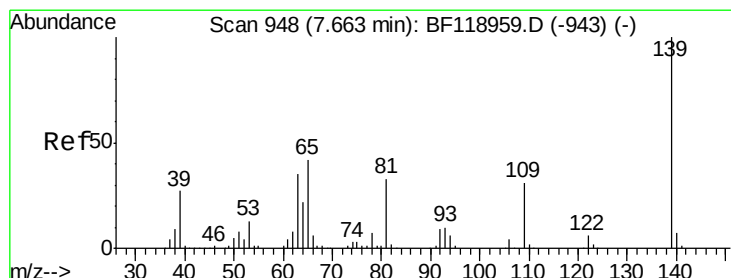
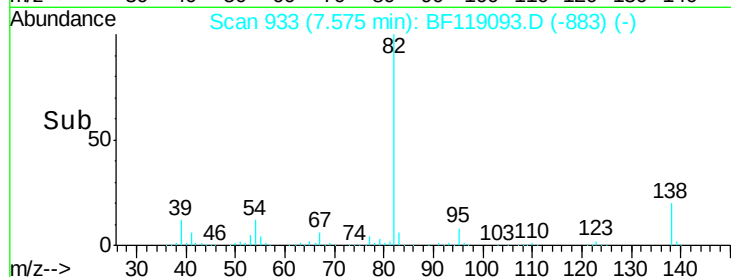
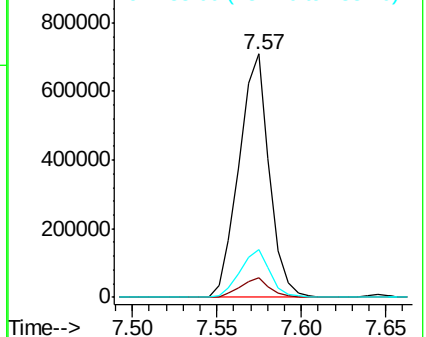
82 100

95 7.8 6.4 9.6

138 19.6 15.7 23.5



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



#26

2-Nitrophenol

Concen: 45.669 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

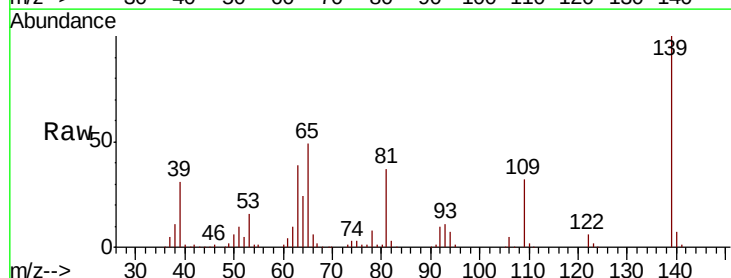
Tgt Ion: 139 Resp: 270934

Ion Ratio Lower Upper

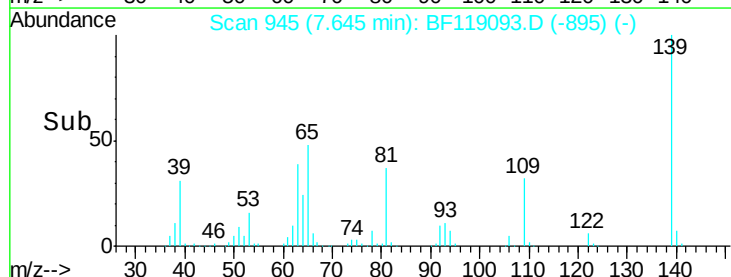
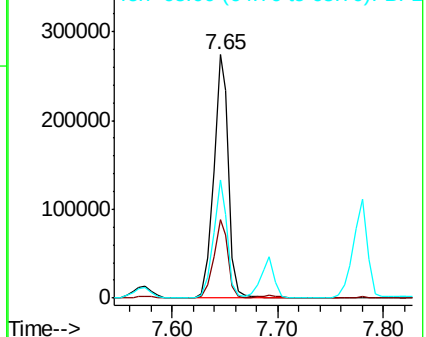
139 100

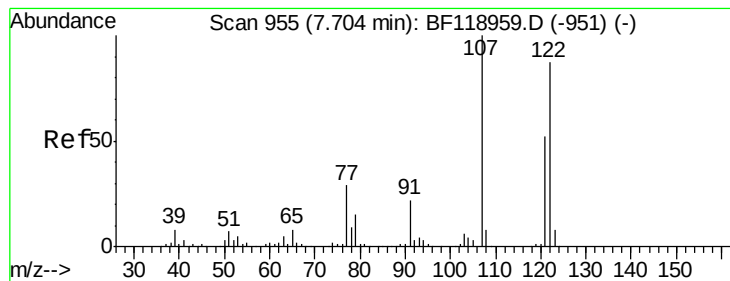
109 32.0 25.7 38.5

65 48.6 37.1 55.7



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





#27

2,4-Dimethylphenol

Concen: 51.372 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

ClientSampleId :

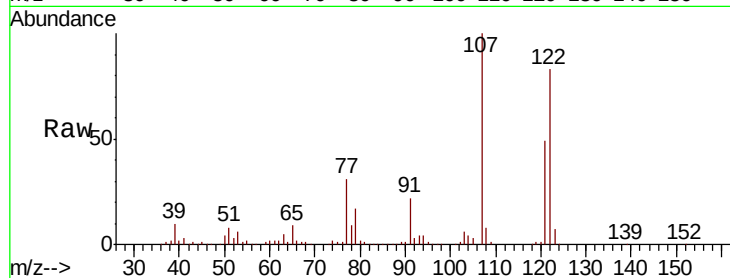
Tot Ion:122 Resp: 413625

Ion Ratio Lower Upper

122 100

107 120.6 93.8 140.6

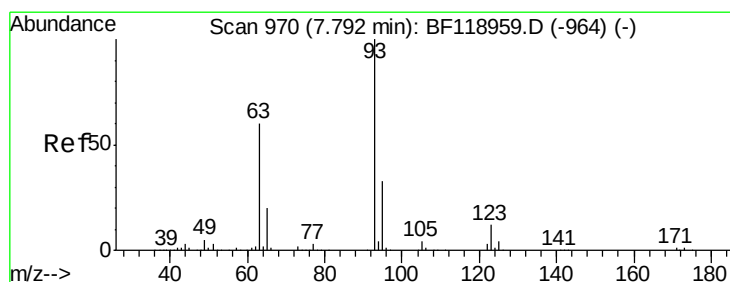
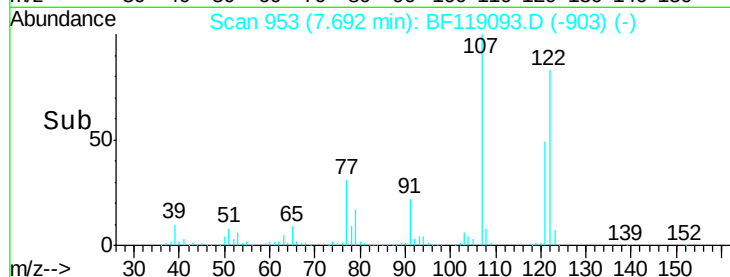
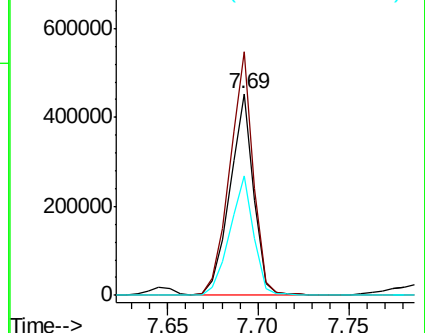
121 59.5 48.2 72.2



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: 41.527 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

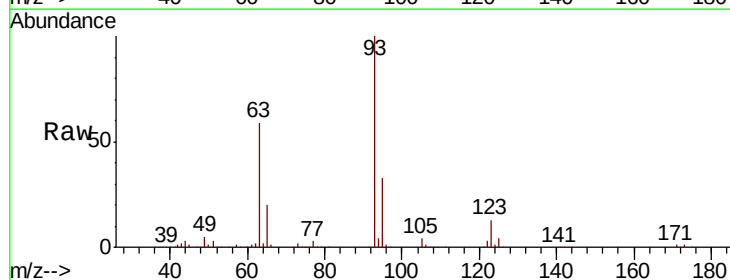
Tgt Ion: 93 Resp: 531501

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

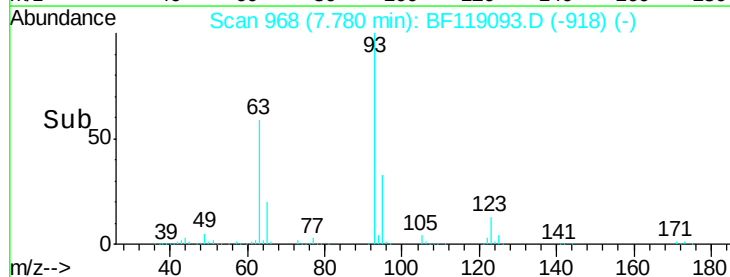
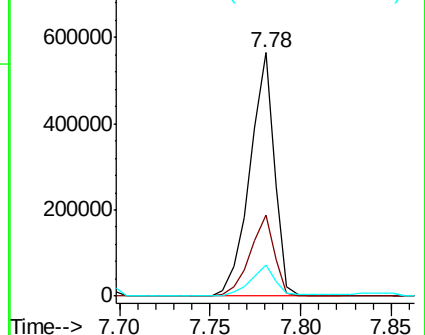
123 12.5 10.2 15.2

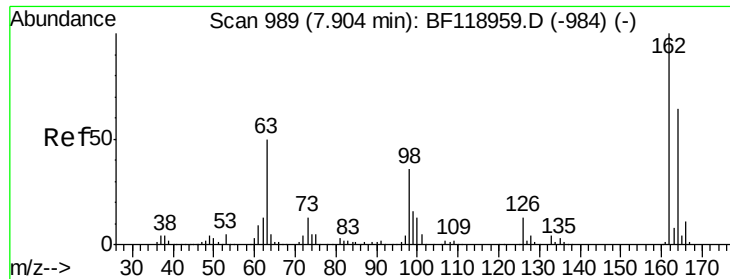


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

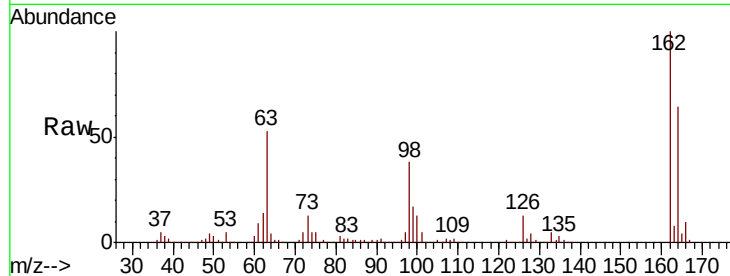




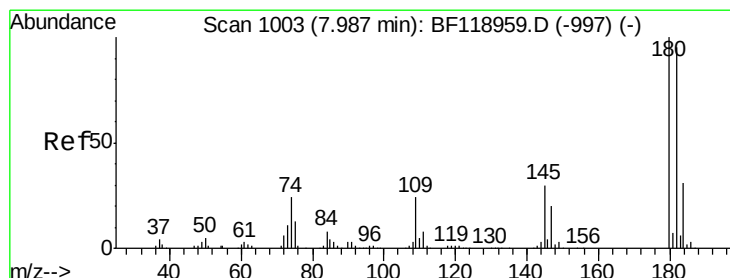
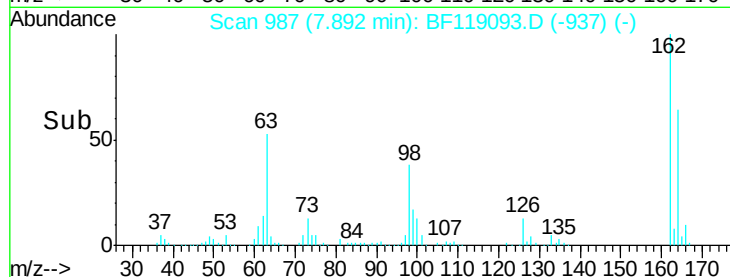
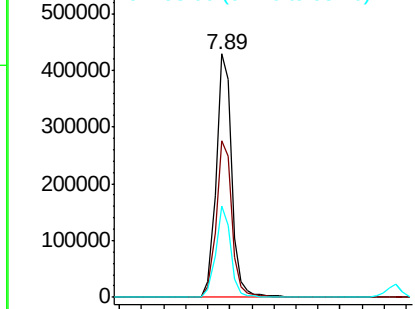
#29
2,4-Dichlorophenol
Concen: 44.349 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.2	85.2
98	37.6	17.4	57.4

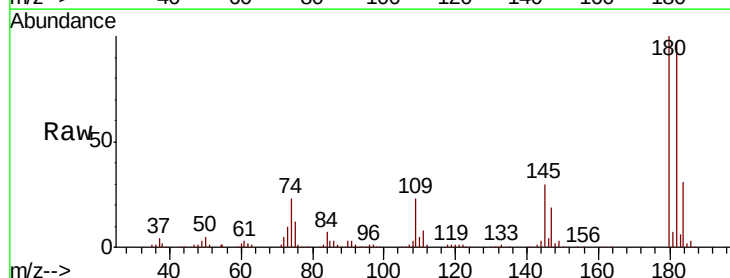


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

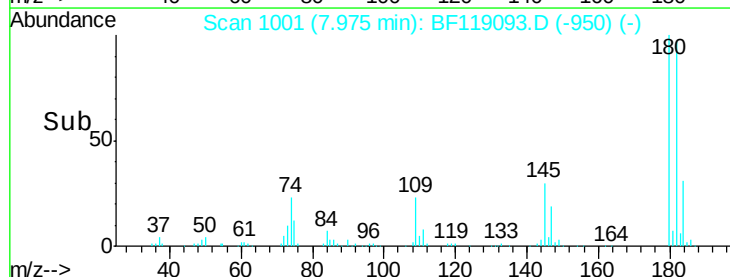
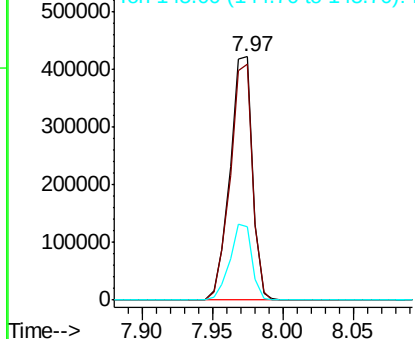


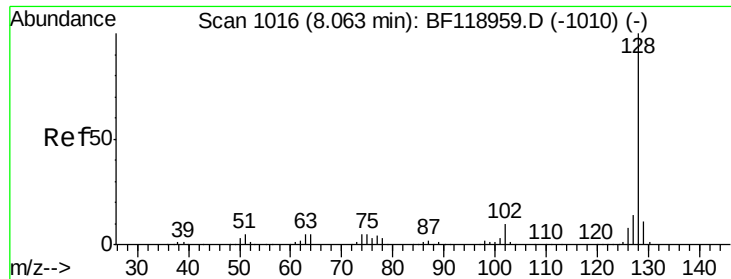
#30
1,2,4-Trichlorobenzene
Concen: 41.534 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.8	116.6
145	30.0	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

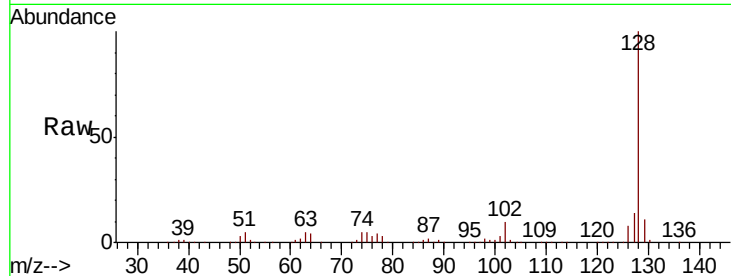




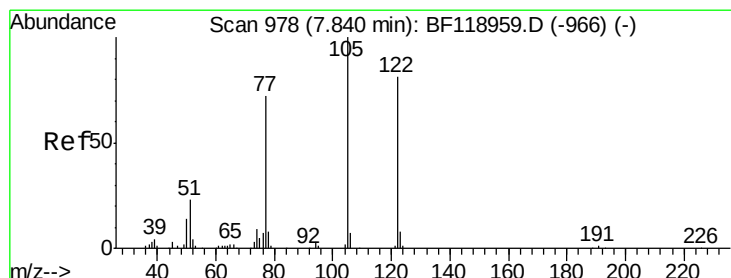
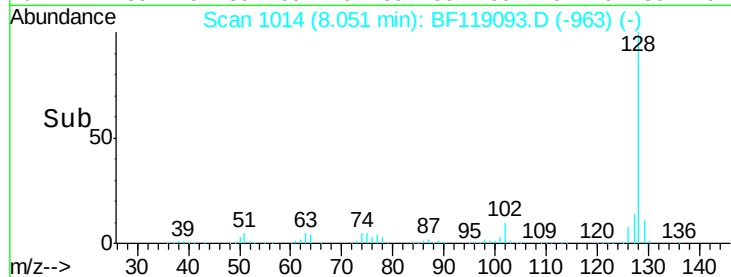
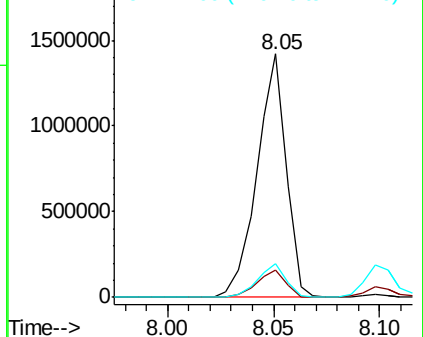
#31
Naphthalene
Concen: 43.902 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1361154
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.9 11.4 17.2

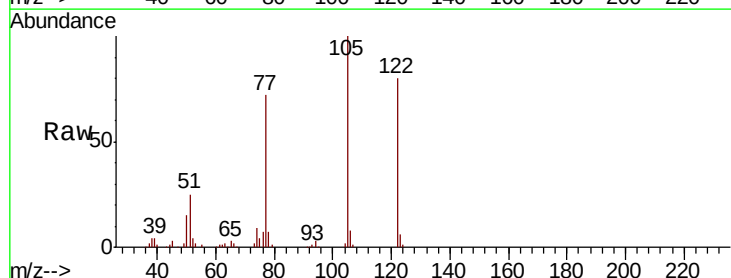


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

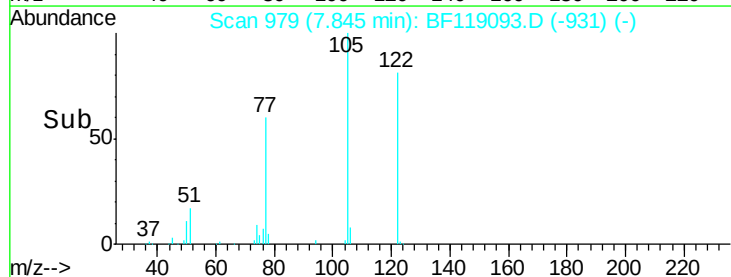
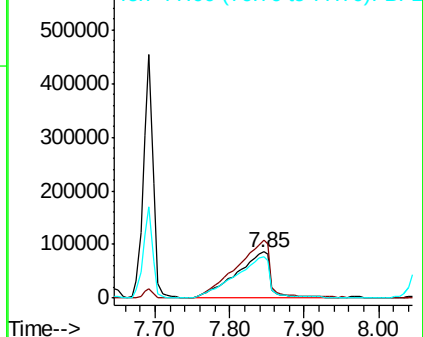


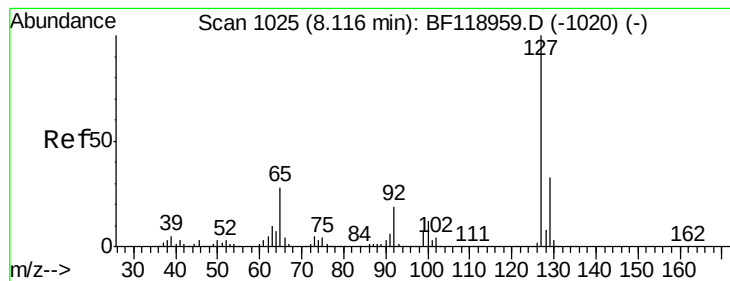
#32
Benzoic acid
Concen: 46.709 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion:122 Resp: 273186
Ion Ratio Lower Upper
122 100
105 125.6 106.3 146.3
77 90.4 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 16.500 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 220030

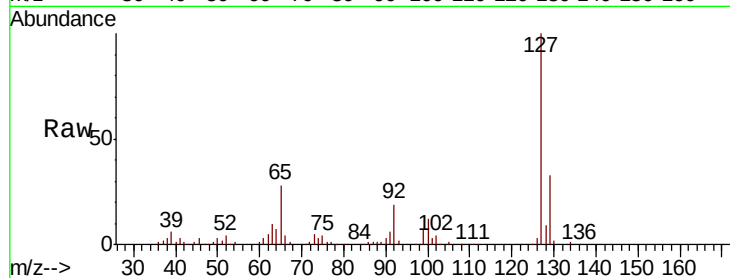
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 28.5 23.9 35.9

92 19.4 16.3 24.5

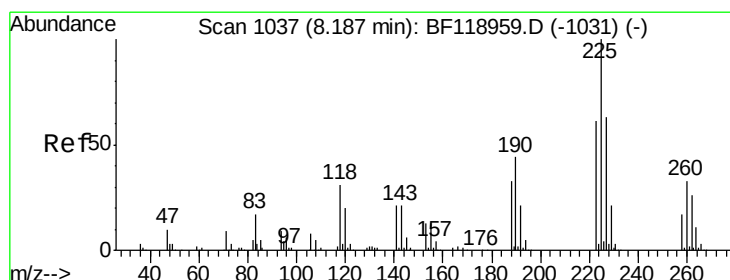
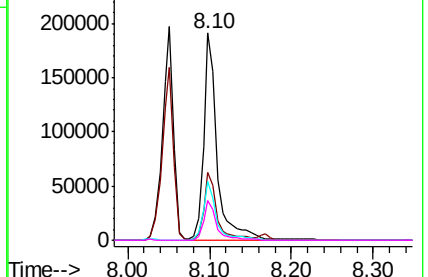
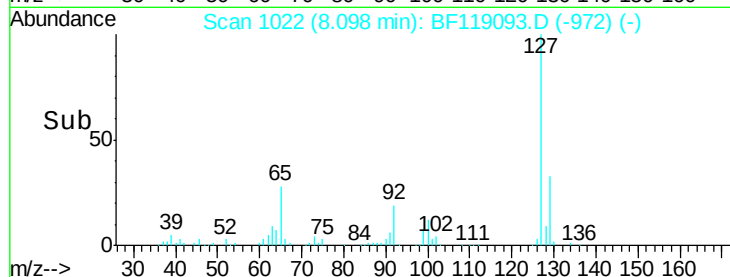


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.406 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

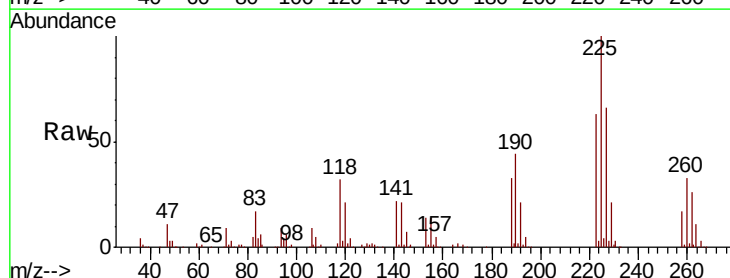
Tgt Ion:225 Resp: 282851

Ion Ratio Lower Upper

225 100

223 62.7 49.4 74.2

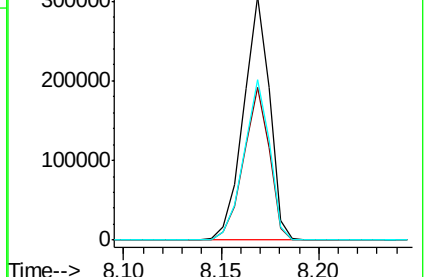
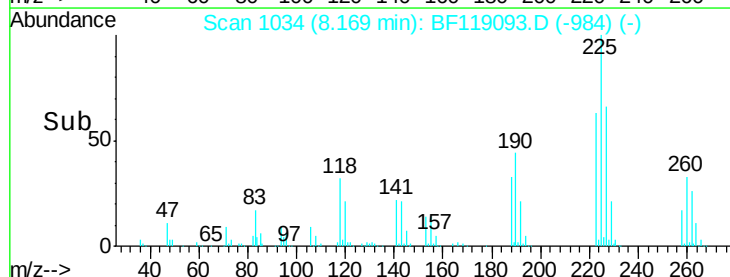
227 65.9 52.9 79.3

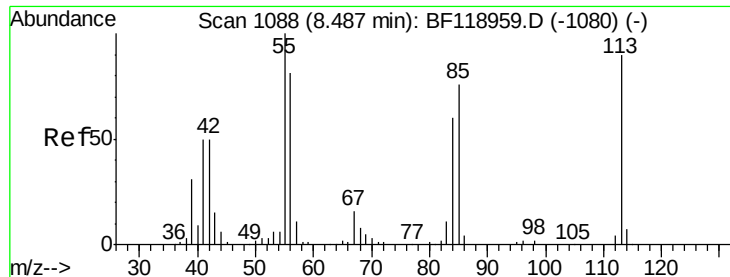


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

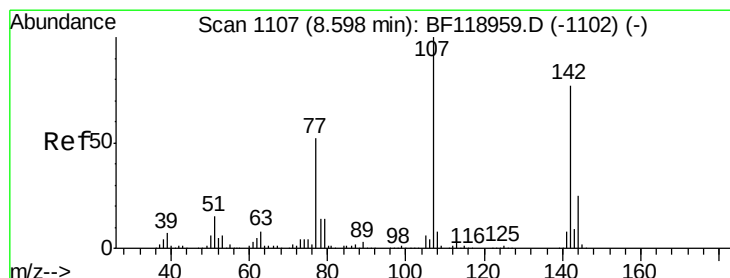
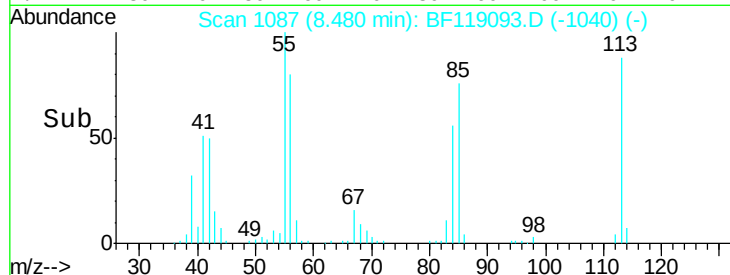
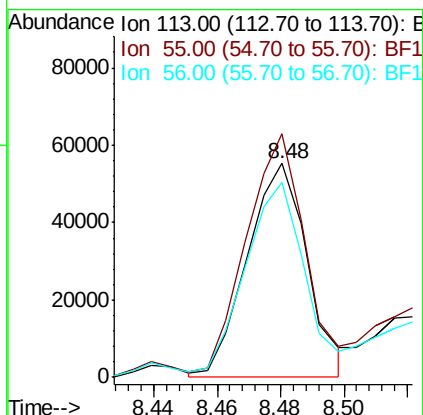
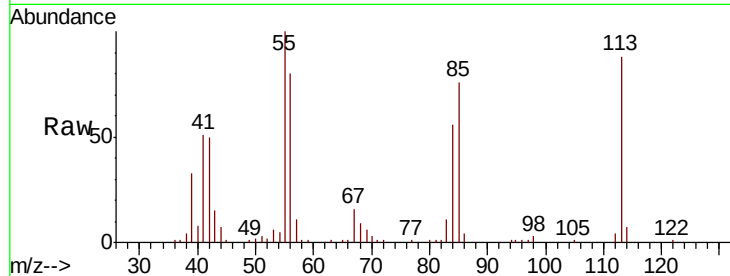




#35
 Caprolactam
 Concen: 24.807 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

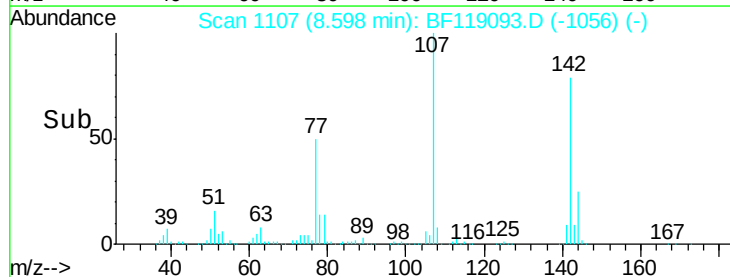
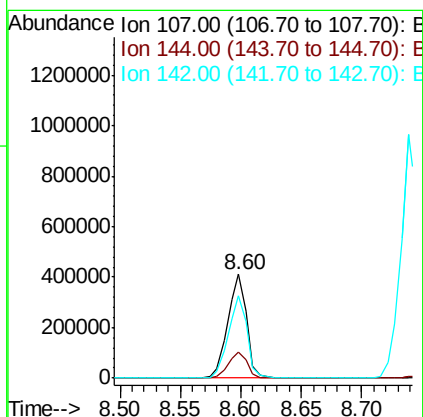
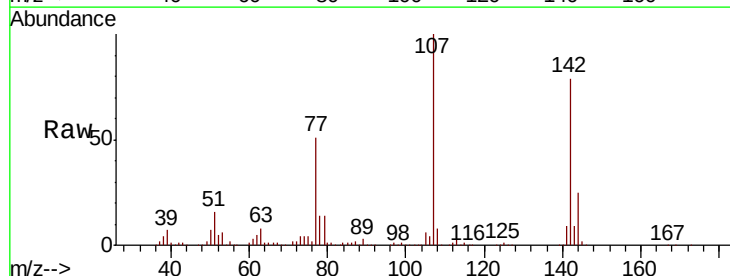
Instrument :
 BNA_F
 ClientSampleId :

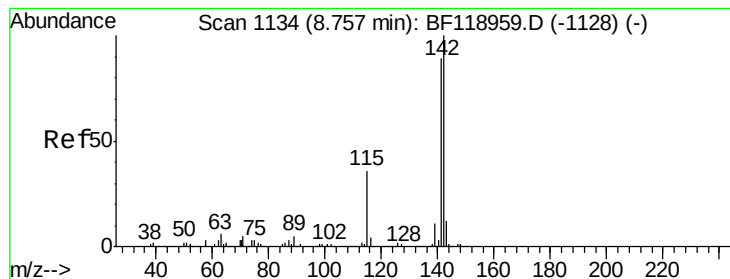
Tot Ion:113 Resp: 72402
 Ion Ratio Lower Upper
 113 100
 55 113.7 95.7 135.7
 56 91.4 73.1 113.1



#36
 4-Chloro-3-methylphenol
 Concen: 46.260 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tgt Ion:107 Resp: 443760
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.1 30.1
 142 79.0 61.4 92.2





#37

2-Methylnaphthalene

Concen: 44.714 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

ClientSampleId :

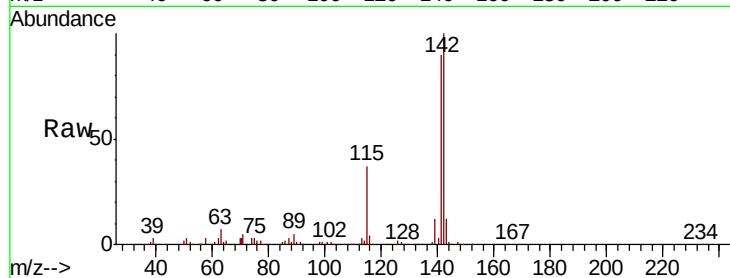
Tot Ion:142 Resp: 932952

Ion Ratio Lower Upper

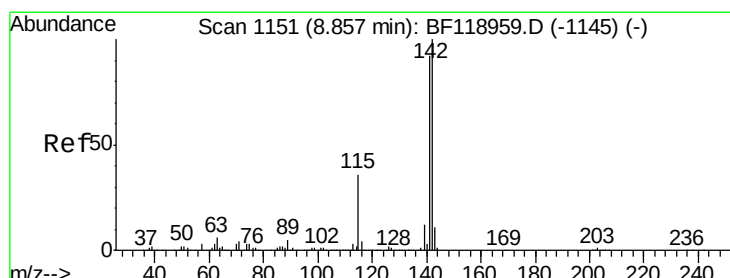
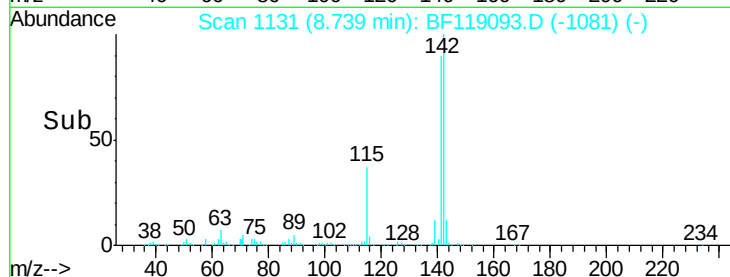
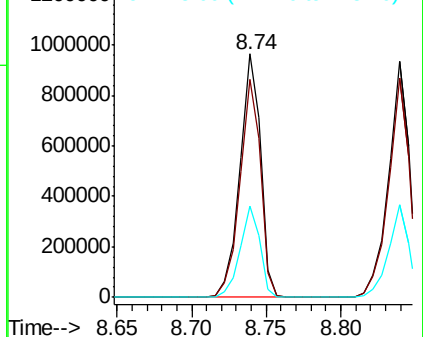
142 100

141 89.8 72.3 108.5

115 37.3 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: 44.802 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

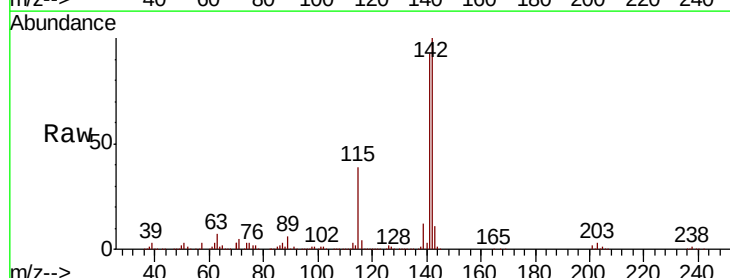
Tgt Ion:142 Resp: 879127

Ion Ratio Lower Upper

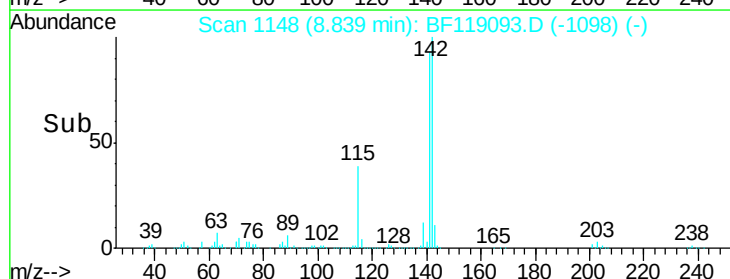
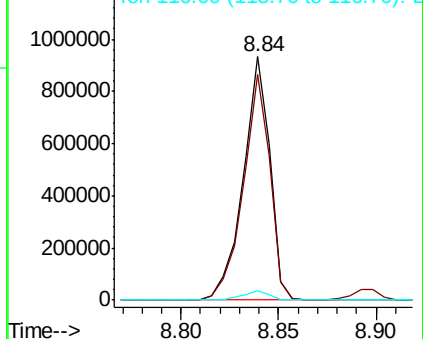
142 100

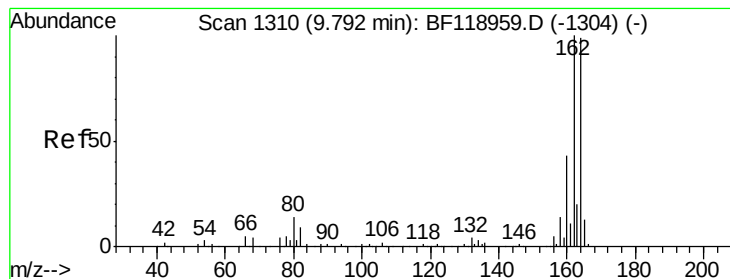
141 92.9 75.8 113.6

116 4.0 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

ClientSampled :

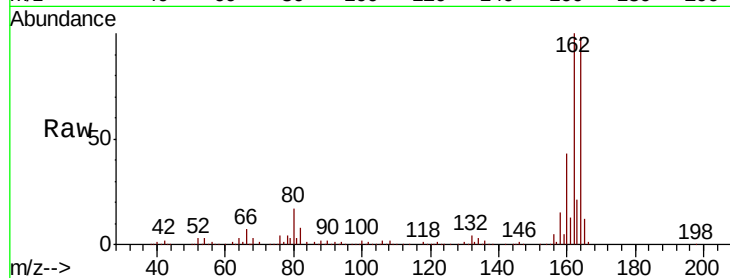
Tot Ion:164 Resp: 334307

Ion Ratio Lower Upper

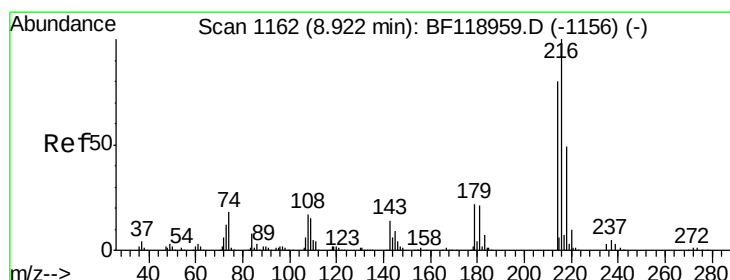
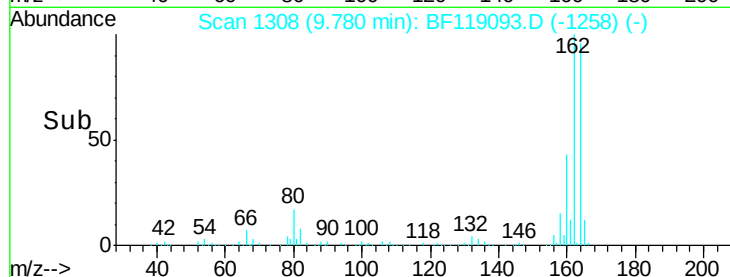
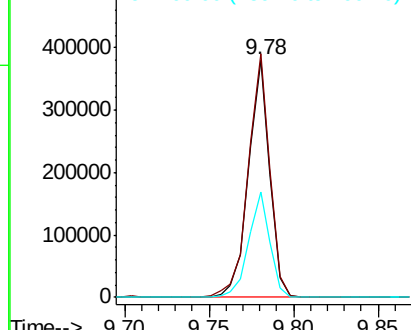
164 100

162 102.4 81.8 122.8

160 44.1 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: 41.336 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Tgt Ion:216 Resp: 465914

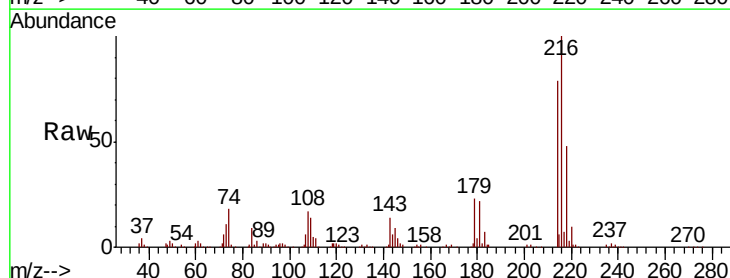
Ion Ratio Lower Upper

216 100

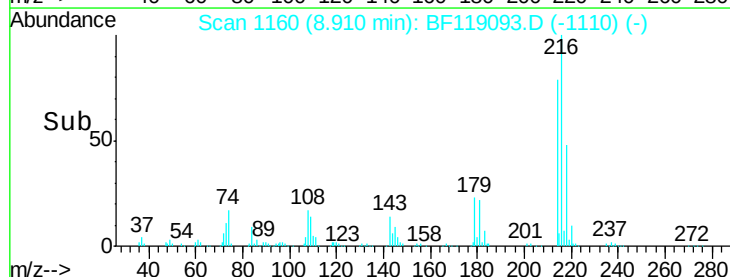
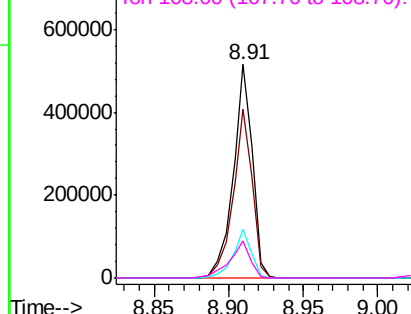
214 79.0 63.3 94.9

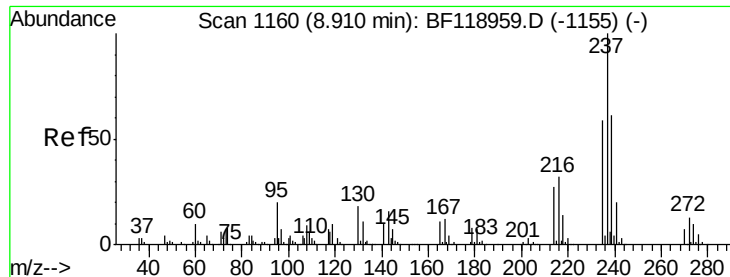
179 21.6 17.7 26.5

108 18.9 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

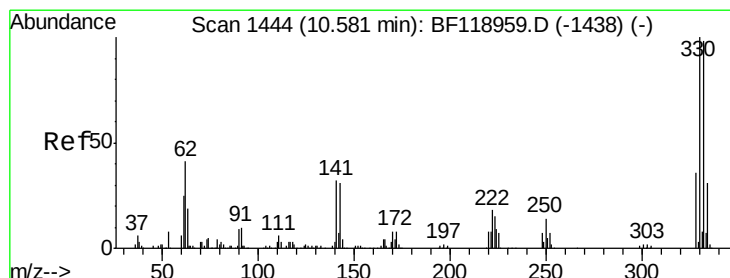
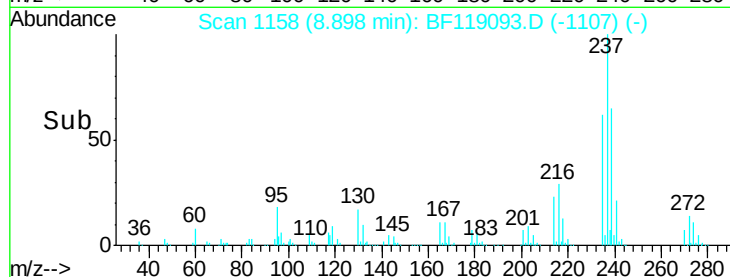
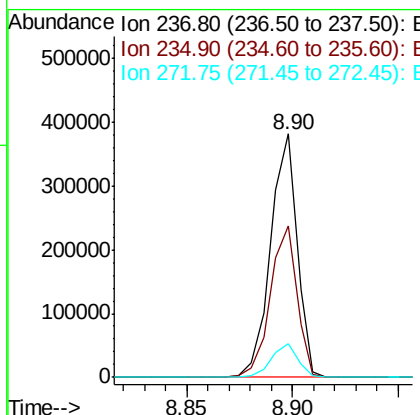
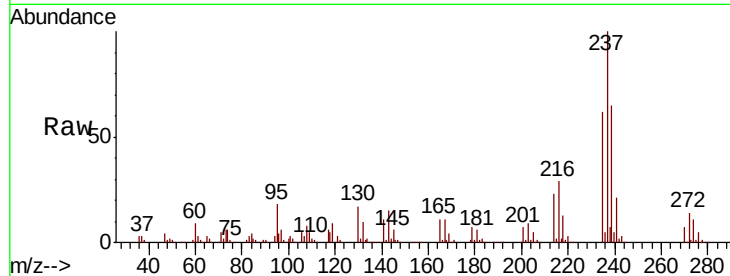




#41
Hexachlorocyclopentadiene
Concen: 81.597 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

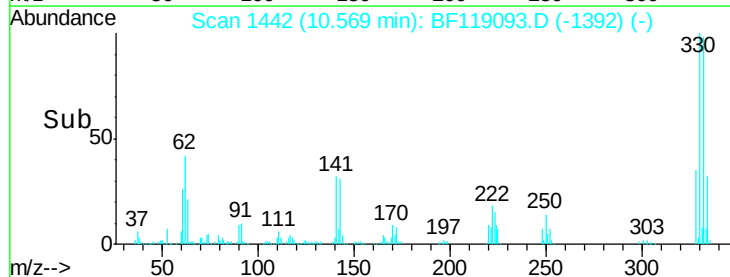
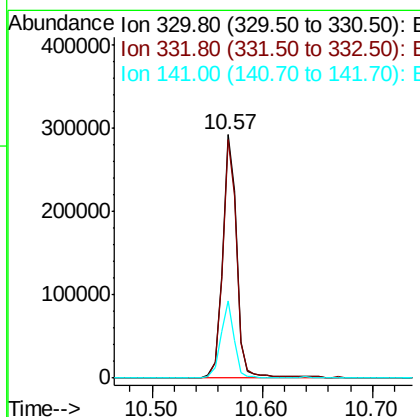
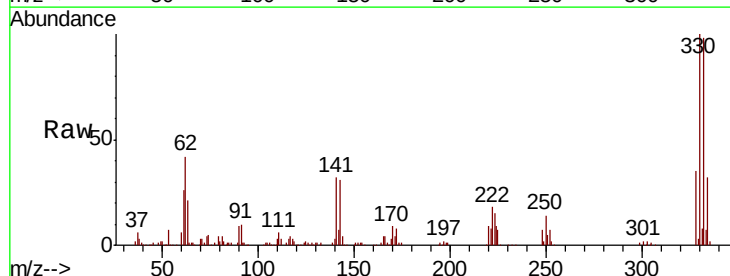
Instrument :
BNA_F
ClientSampleId :

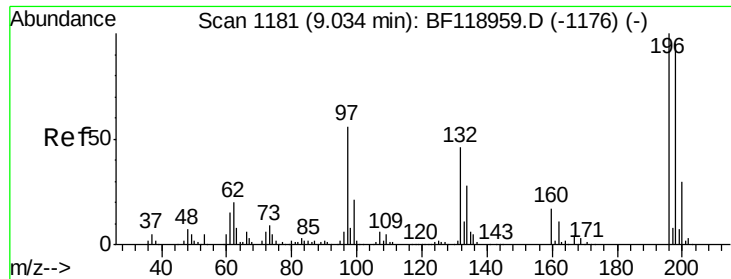
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.3	82.3
272	14.0	0.0	33.5



#42
2,4,6-Tribromophenol
Concen: 59.936 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.0	114.0
141	30.1	22.9	34.3

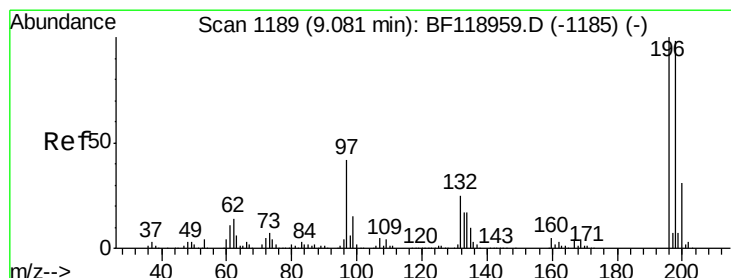
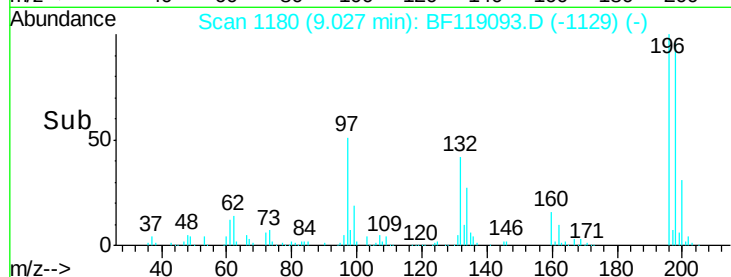
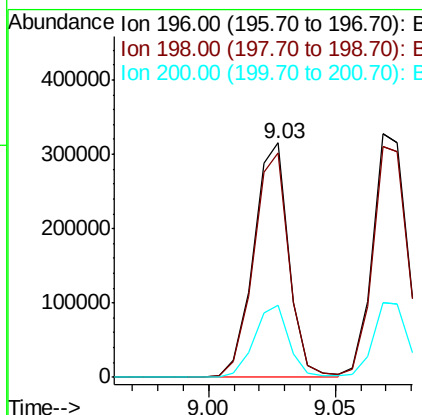
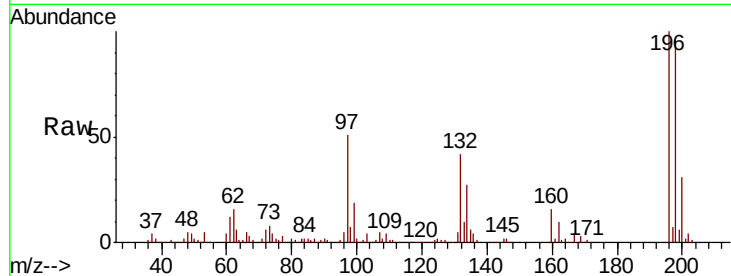




#43
 2,4,6-Trichlorophenol
 Concen: 43.166 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

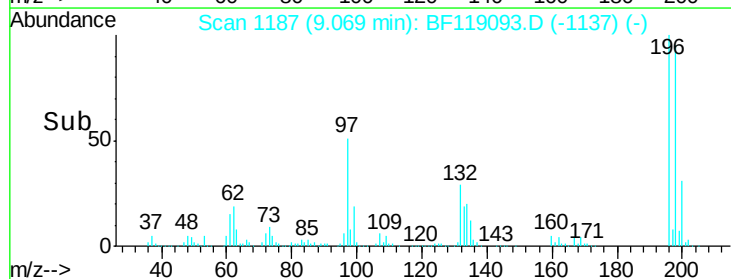
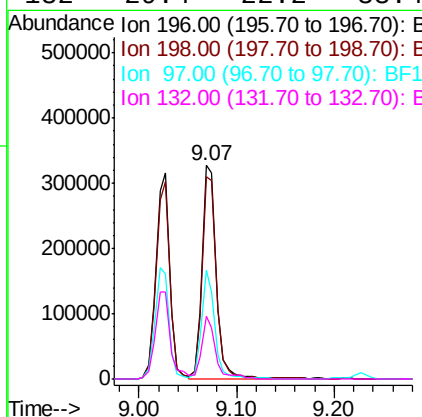
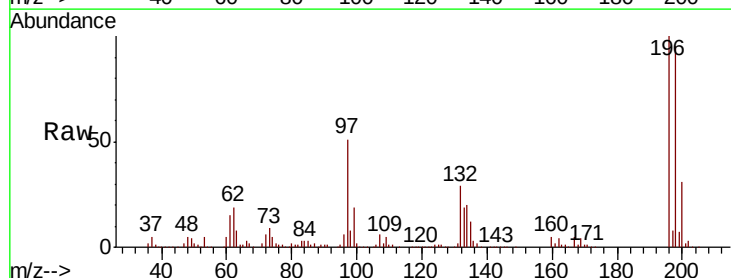
Instrument :
 BNA_F
 ClientSampled :

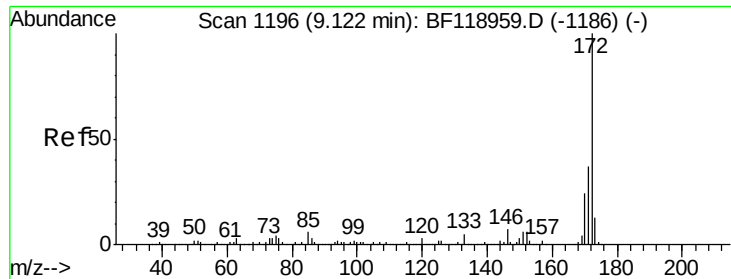
Tot Ion:196 Resp: 307250
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.1 115.7
 200 31.0 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.246 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tgt Ion:196 Resp: 330481
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.8 115.2
 97 50.9 38.5 57.7
 132 29.4 22.2 33.4

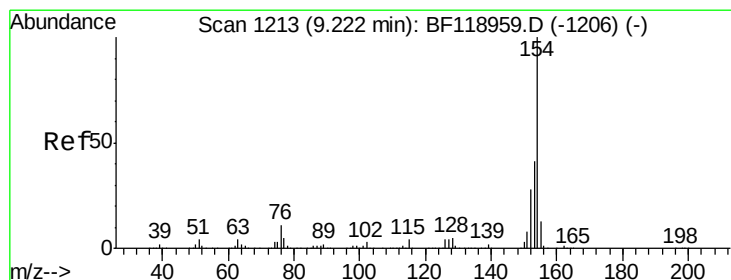
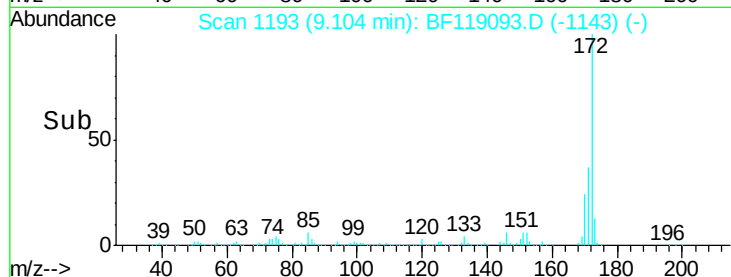
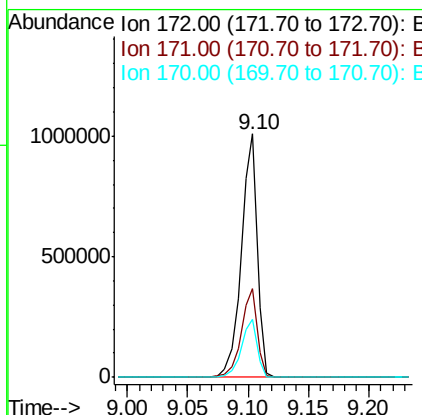
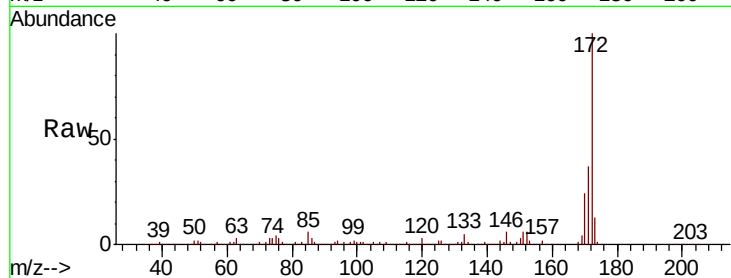




#45
2-Fluorobiphenyl
Concen: 40.857 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

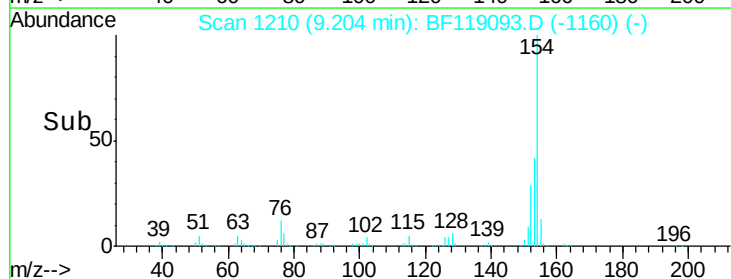
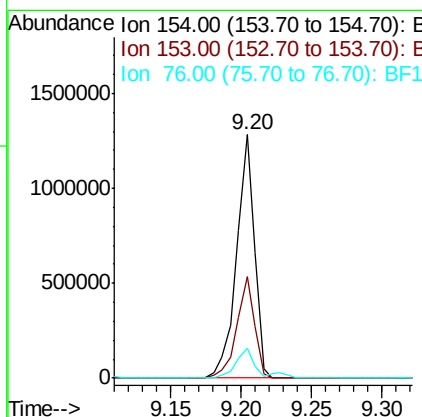
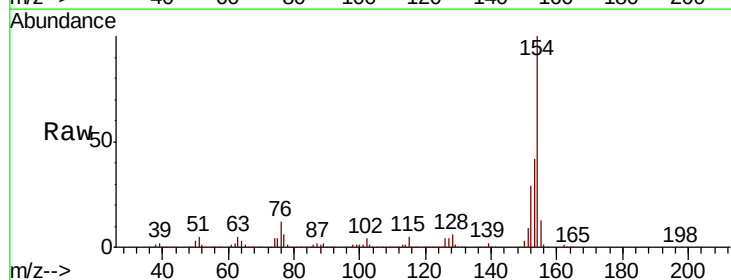
Instrument :
BNA_F
ClientSampleId :

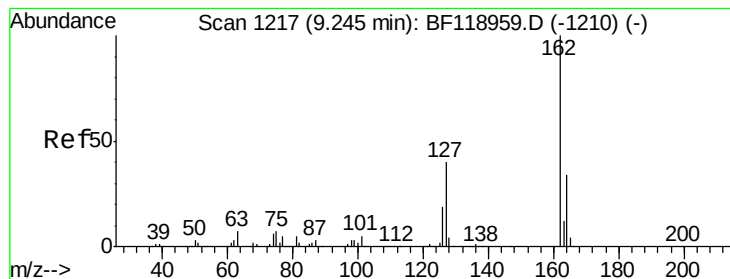
Tot Ion:172 Resp: 927174
Ion Ratio Lower Upper
172 100
171 36.5 30.6 45.8
170 23.7 20.2 30.2



#46
1,1'-Biphenyl
Concen: 41.812 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion:154 Resp: 1129713
Ion Ratio Lower Upper
154 100
153 41.9 22.8 62.8
76 12.0 0.0 32.2





#47

2-Chloronaphthalene

Concen: 41.455 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

ClientSampled :

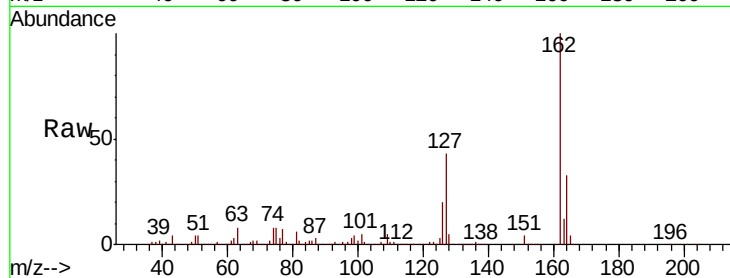
Tot Ion:162 Resp: 902612

Ion Ratio Lower Upper

162 100

127 42.8 35.0 52.4

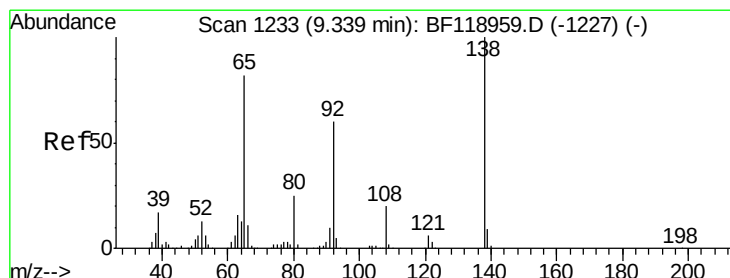
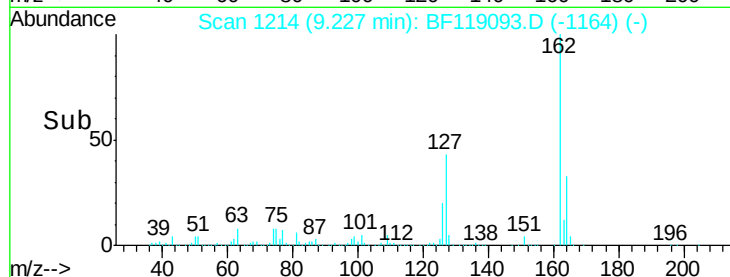
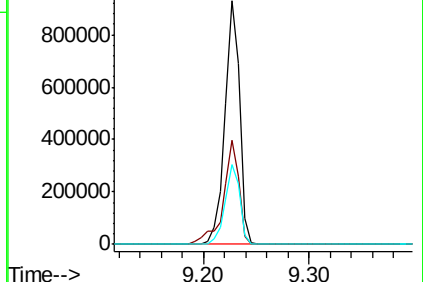
164 32.8 27.2 40.8



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: 43.069 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

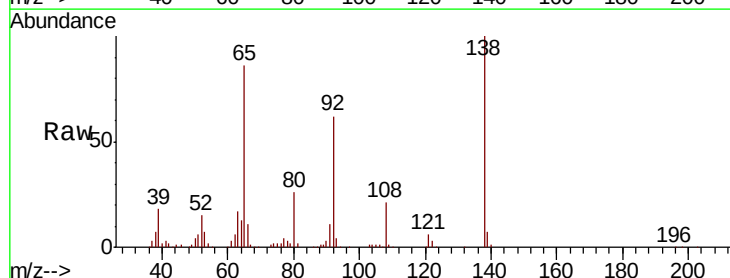
Tgt Ion: 65 Resp: 261552

Ion Ratio Lower Upper

65 100

92 72.1 58.2 87.2

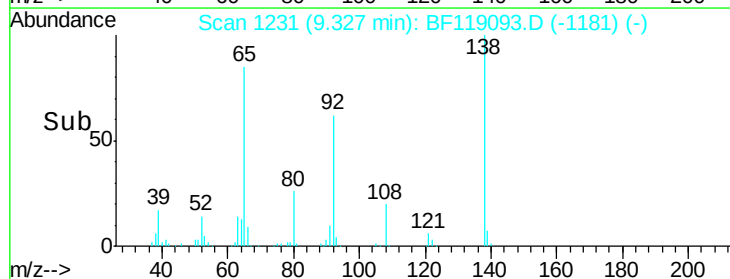
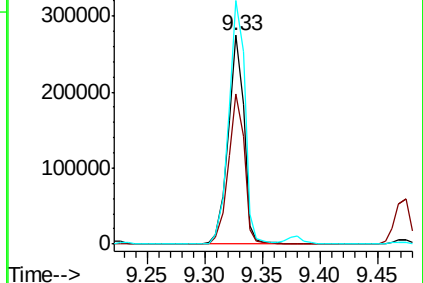
138 116.8 95.6 143.4

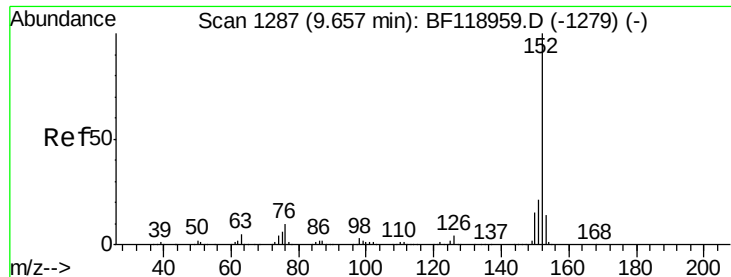


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.440 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

ClientSampleId :

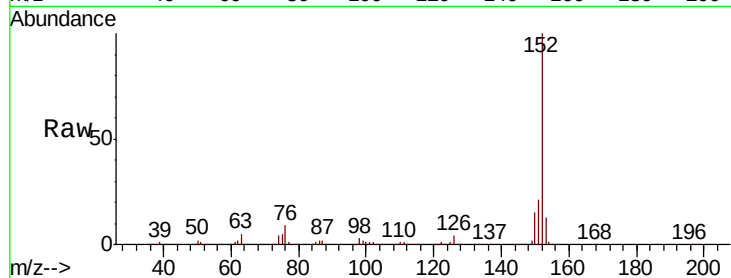
Tot Ion:152 Resp: 1397511

Ion Ratio Lower Upper

152 100

151 21.3 16.9 25.3

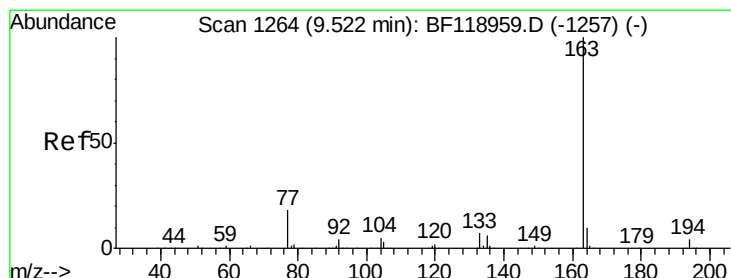
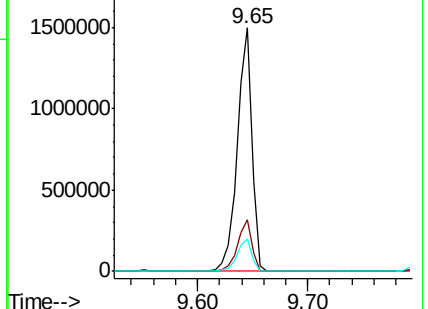
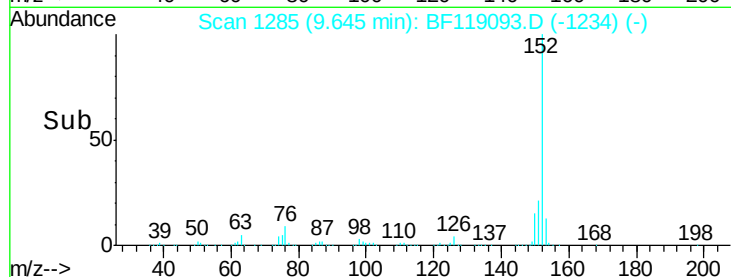
153 13.4 11.0 16.6



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: 45.450 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

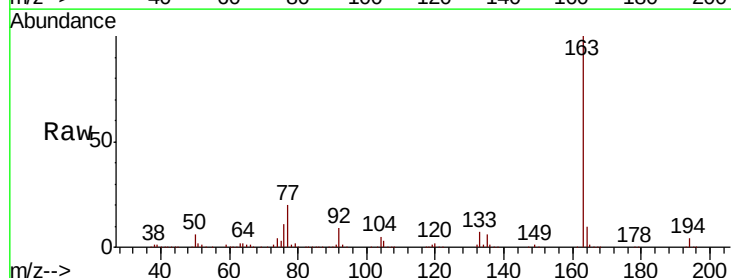
Tgt Ion:163 Resp: 1161868

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

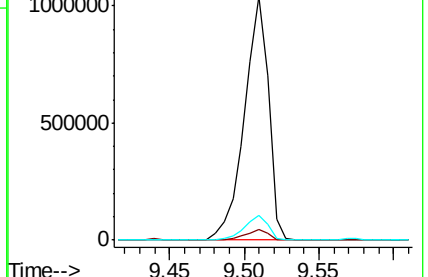
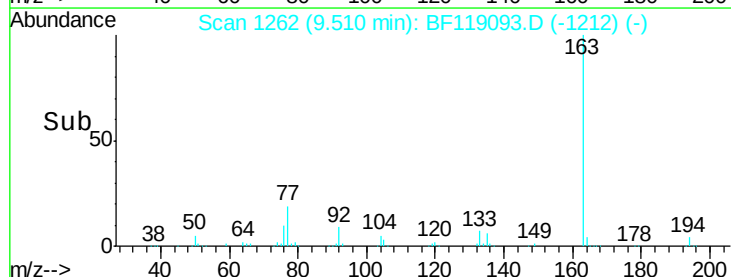
164 10.2 8.4 12.6

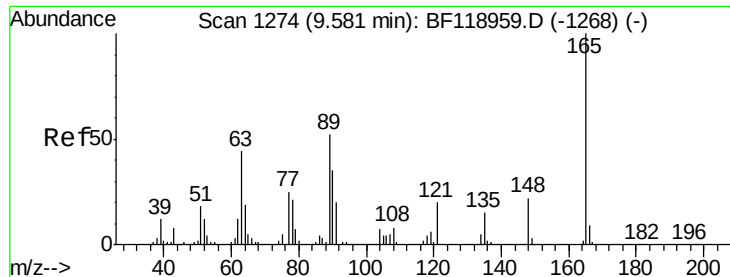


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

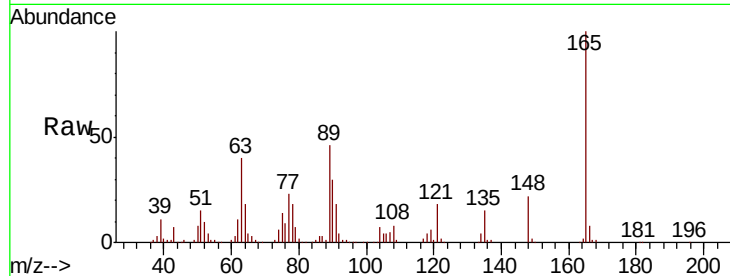




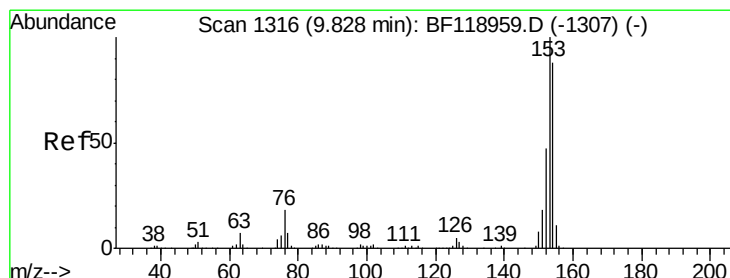
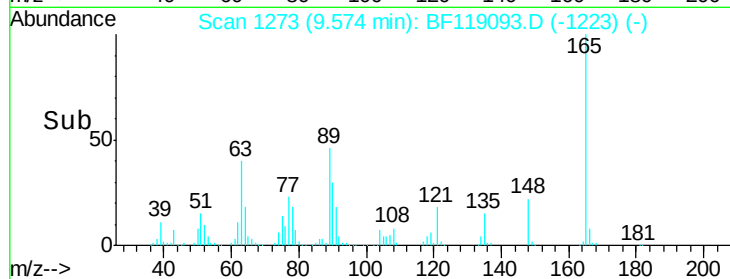
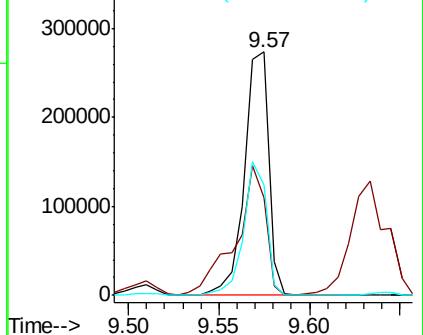
#51
 2,6-Dinitrotoluene
 Concen: 44.887 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.4	34.3	51.5
89	45.5	38.3	57.5

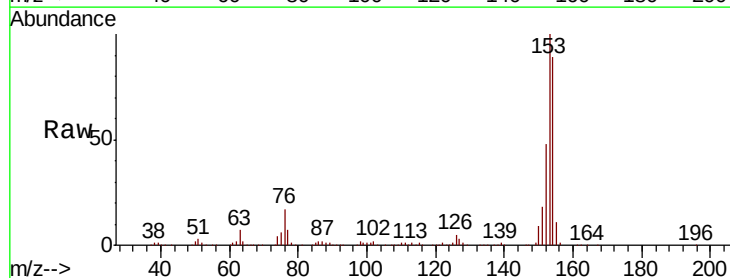


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

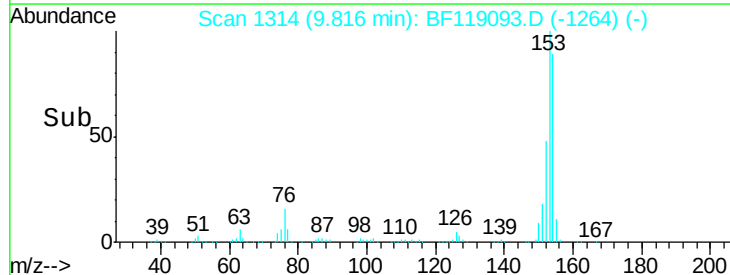
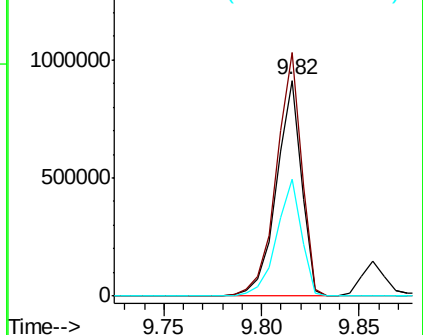


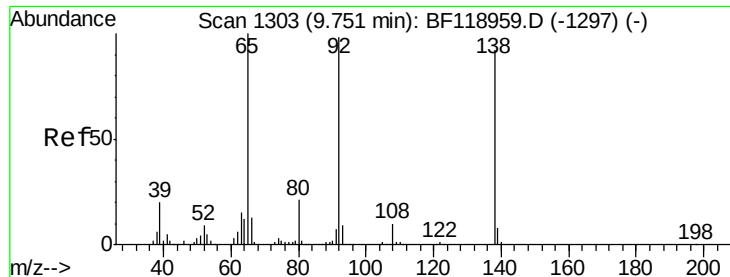
#52
 Acenaphthene
 Concen: 42.781 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.3	135.5
152	54.0	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

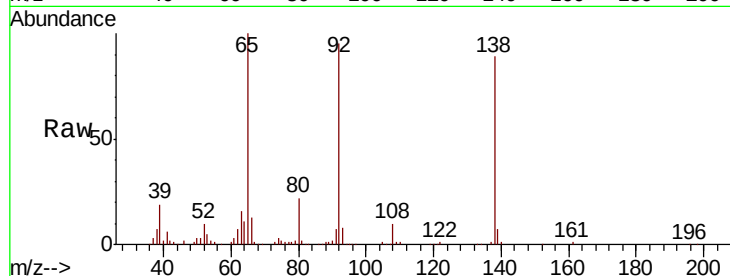




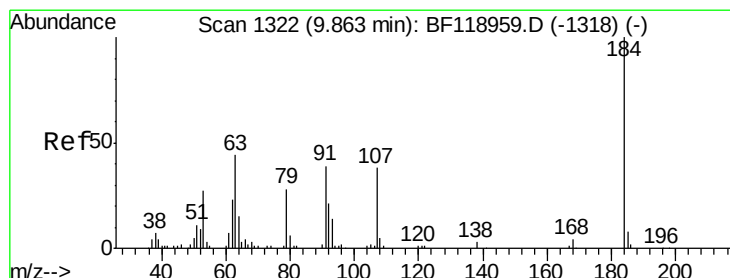
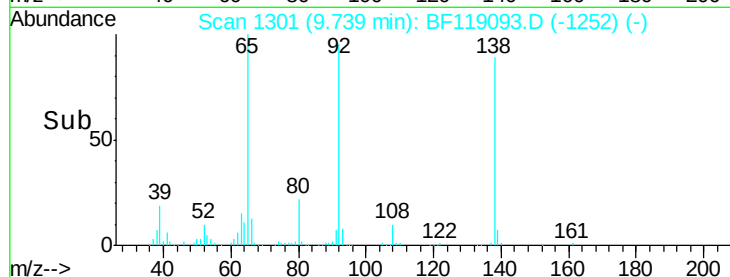
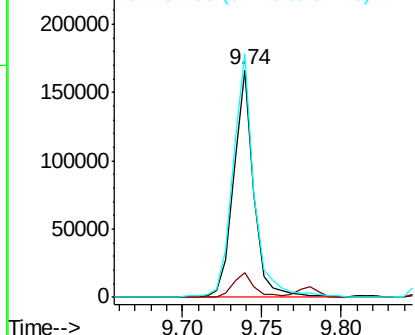
#53
3-Nitroaniline
Concen: 23.228 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 146256
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 107.2 84.8 127.2

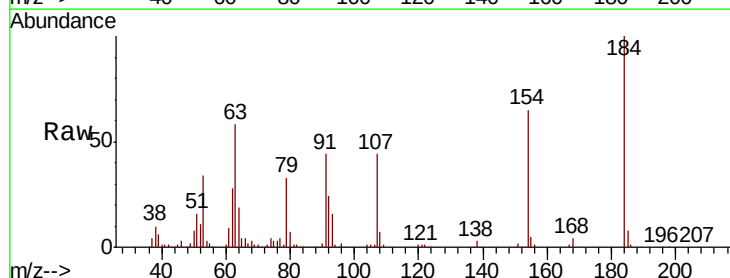


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

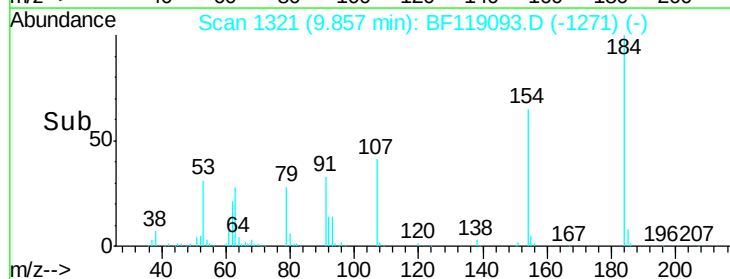
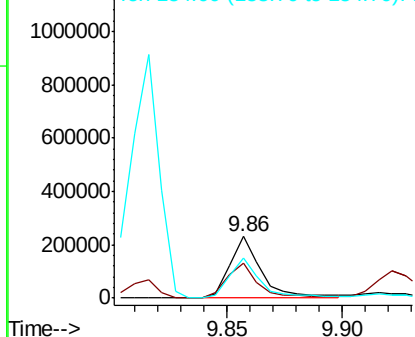


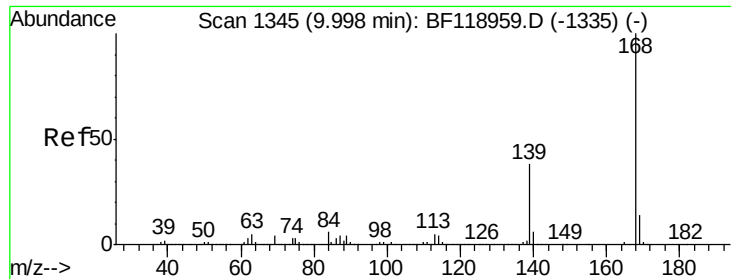
#54
2,4-Dinitrophenol
Concen: 80.023 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion:184 Resp: 220901
Ion Ratio Lower Upper
184 100
63 57.6 38.7 58.1
154 65.0 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

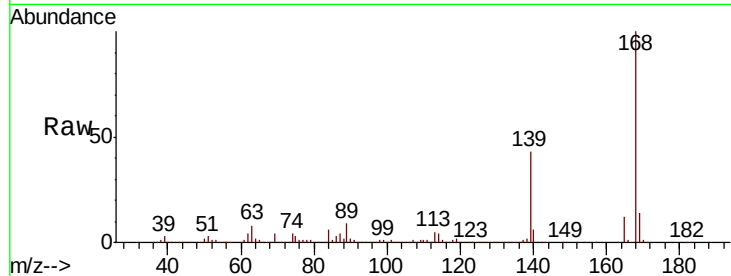




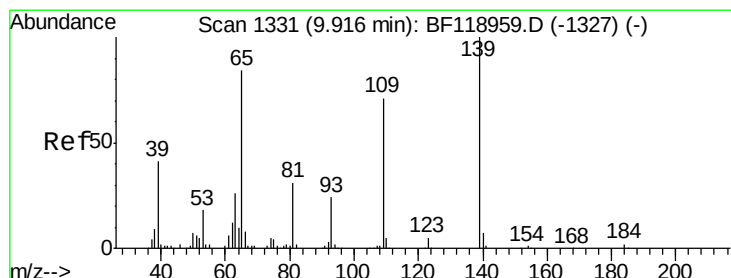
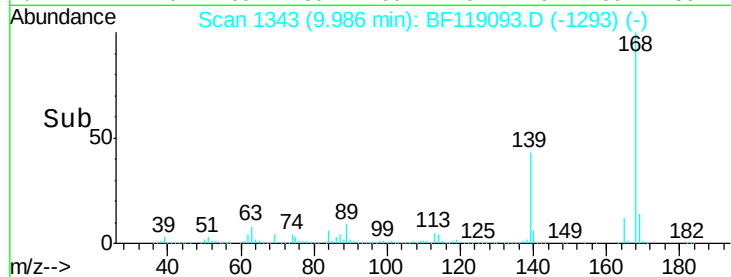
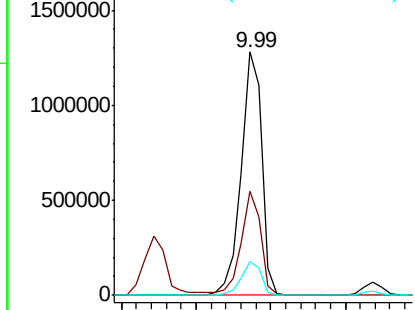
#55
Dibenzofuran
Concen: 43.301 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1225522
Ion Ratio Lower Upper
168 100
139 42.6 34.0 51.0
169 13.9 11.0 16.4

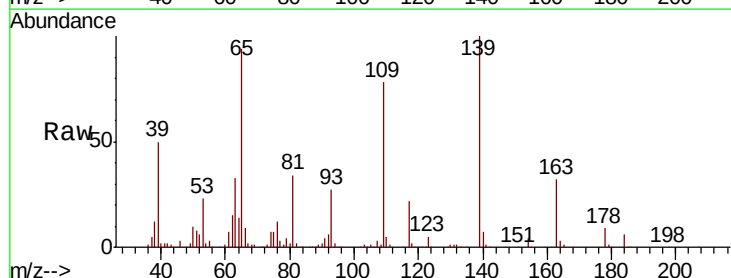


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

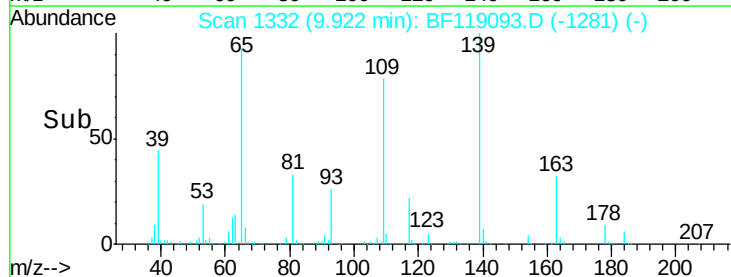
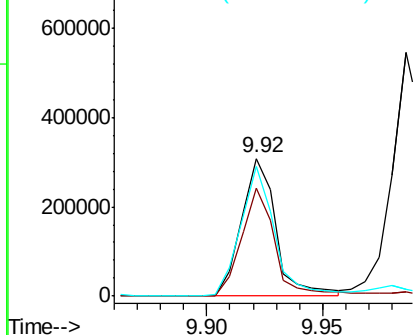


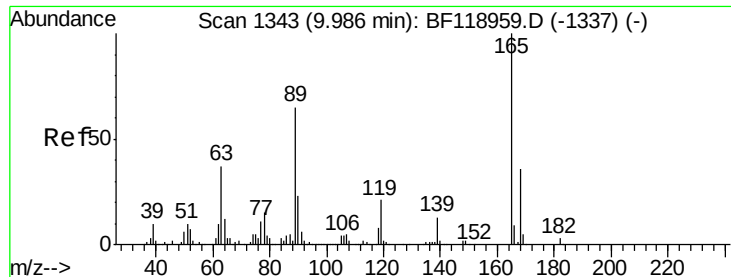
#56
4-Nitrophenol
Concen: 85.497 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion:139 Resp: 323437
Ion Ratio Lower Upper
139 100
109 78.4 56.7 96.7
65 93.8 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

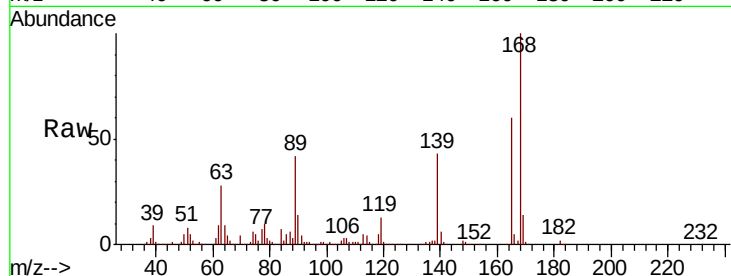




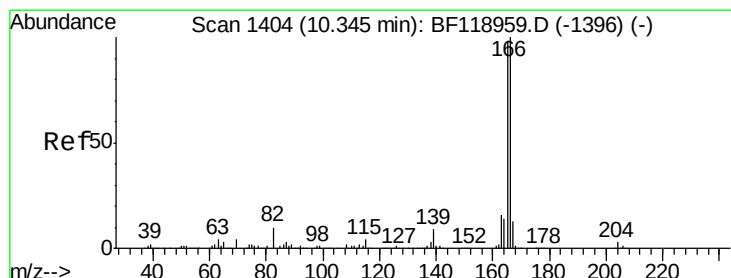
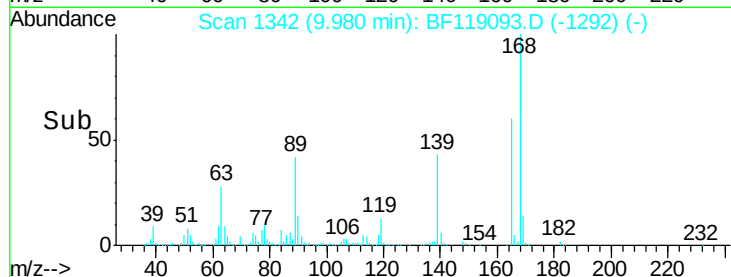
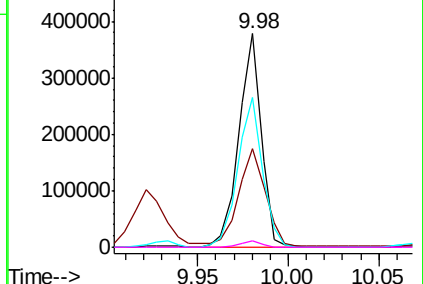
#57
 2,4-Dinitrotoluene
 Concen: 44.376 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	165	Resp:	326687
Ion	Ratio	Lower	Upper
165	100		
63	46.5	42.3	63.5
89	70.4	60.2	90.4
182	3.0	2.3	3.5

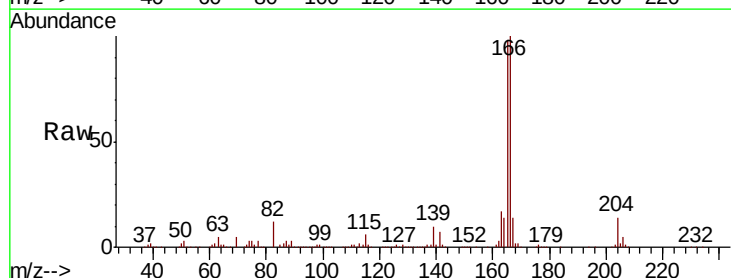


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

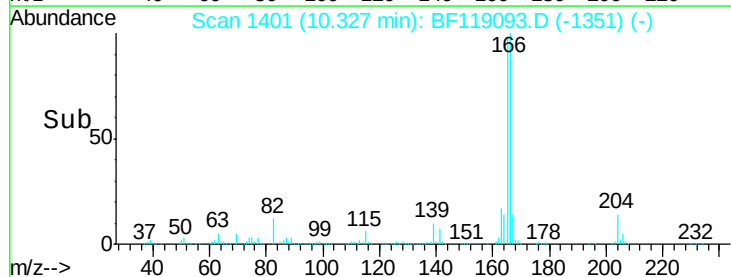
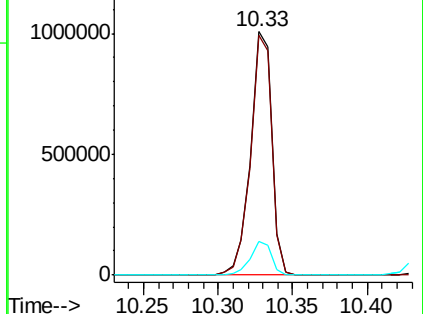


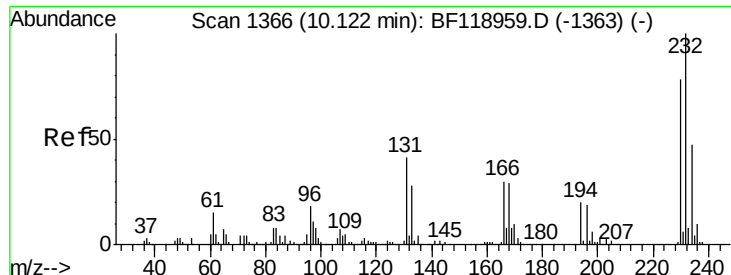
#58
 Fluorene
 Concen: 44.694 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tgt Ion:	166	Resp:	982944
Ion	Ratio	Lower	Upper
166	100		
165	98.2	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

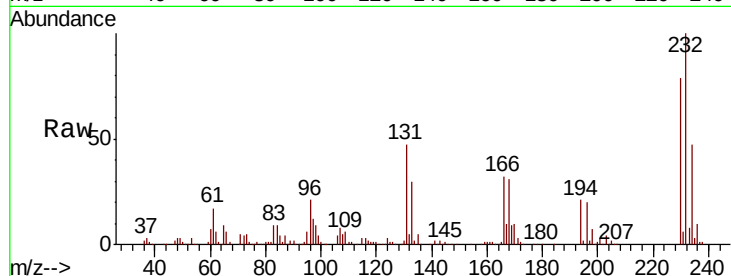




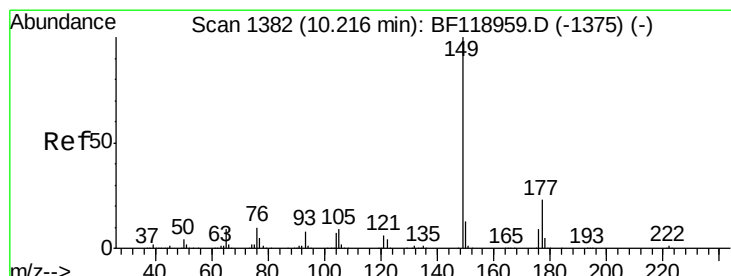
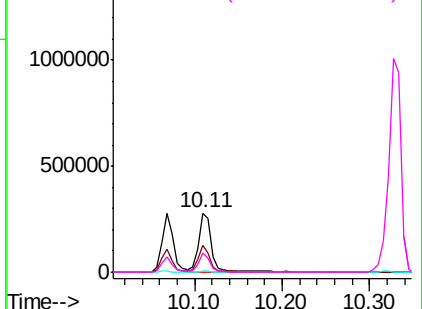
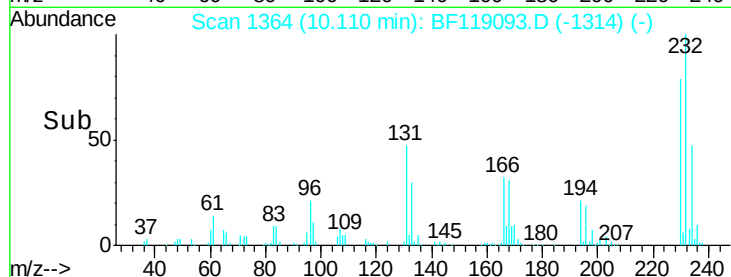
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.874 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	282816
Ion	Ratio	Lower	Upper
232	100		
131	41.8	33.8	50.8
130	2.1	1.8	2.6
166	28.6	23.0	34.4

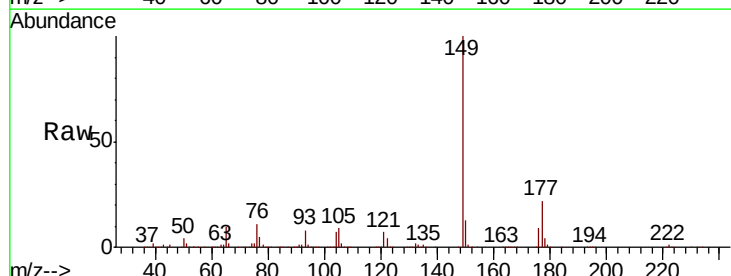


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

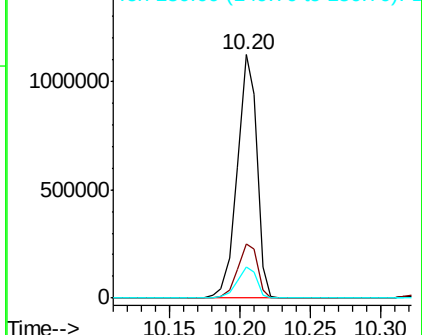
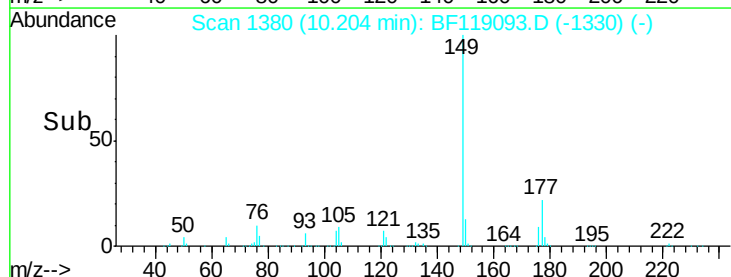


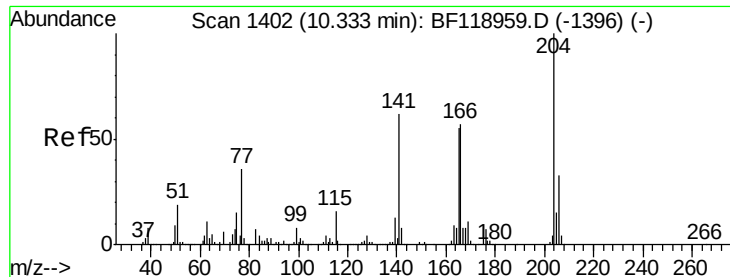
#60
 Diethylphthalate
 Concen: 45.014 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tgt Ion:	149	Resp:	1084423
Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.2	27.2
150	13.0	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

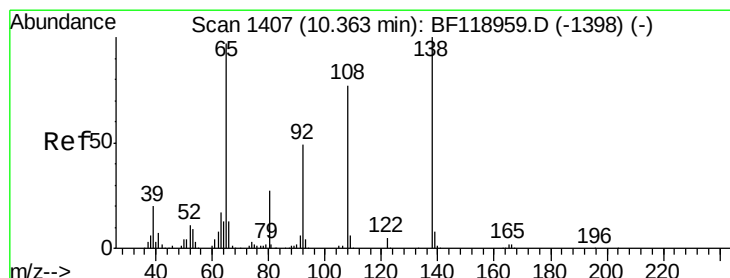
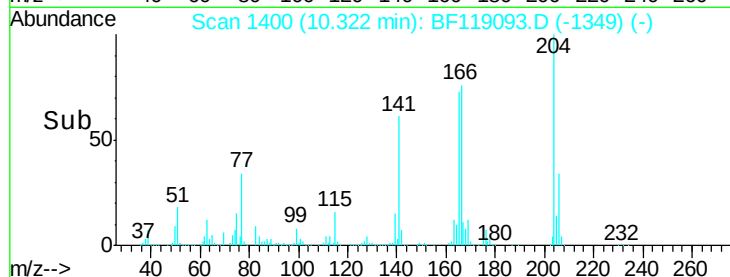
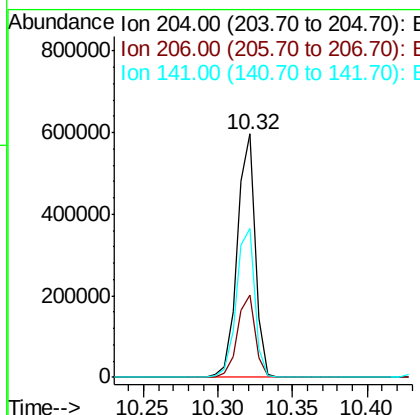
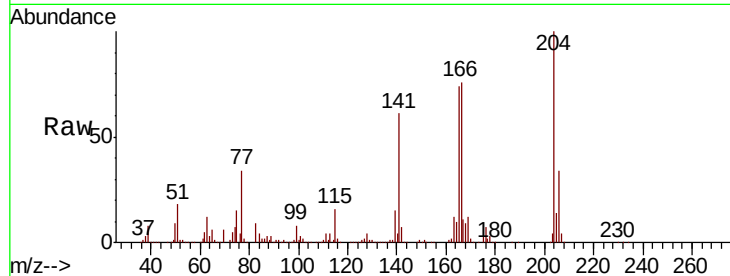




#61
4-Chlorophenyl-phenylether
Concen: 43.443 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

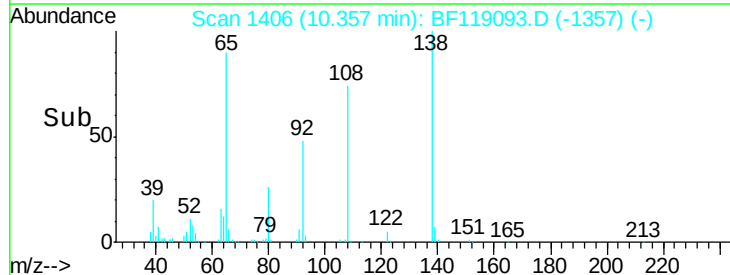
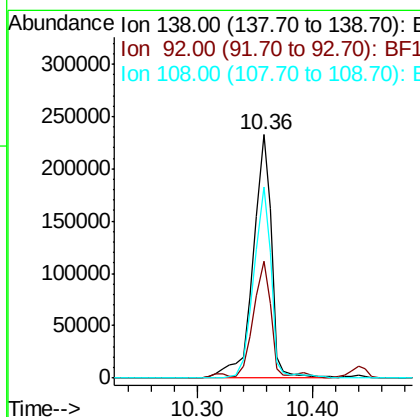
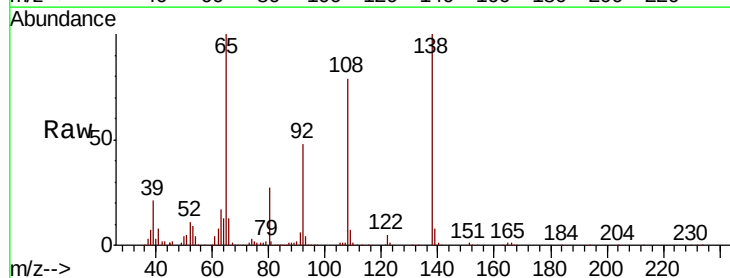
Instrument :
BNA_F
ClientSampleId :

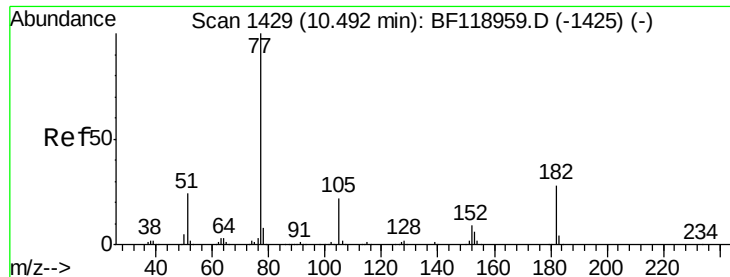
Tot Ion:204 Resp: 505722
Ion Ratio Lower Upper
204 100
206 33.8 27.1 40.7
141 61.1 52.9 79.3



#62
4-Nitroaniline
Concen: 39.927 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion:138 Resp: 257207
Ion Ratio Lower Upper
138 100
92 48.1 27.3 67.3
108 78.6 57.0 97.0





#63

Azobenzene

Concen: 45.245 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

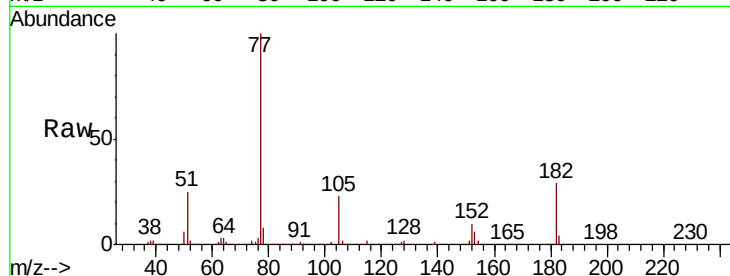
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 947430

Ion	Ratio	Lower	Upper
77	100		
182	29.3	11.4	51.4
105	22.8	3.4	43.4
51	24.6	5.1	45.1

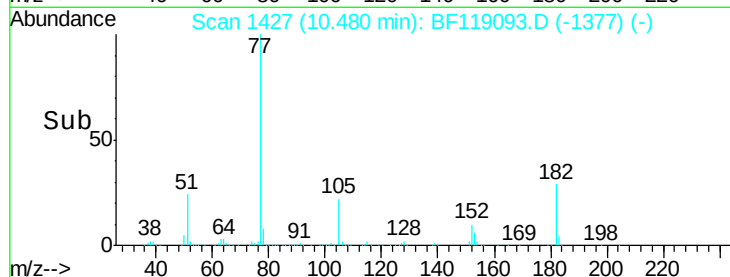


Abundance Ion 77.00 (76.70 to 77.70): BF1

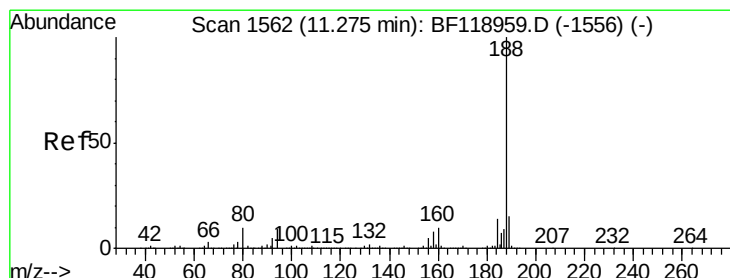
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

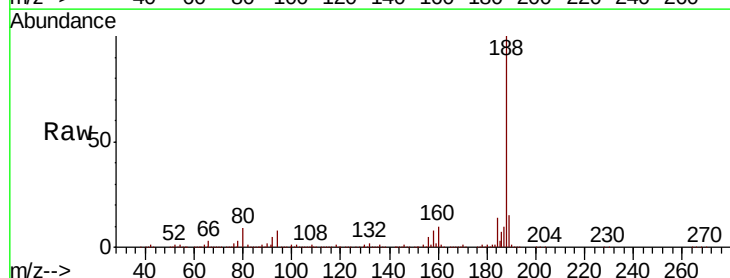
Delta R.T. -0.00 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Tgt Ion: 188 Resp: 637139

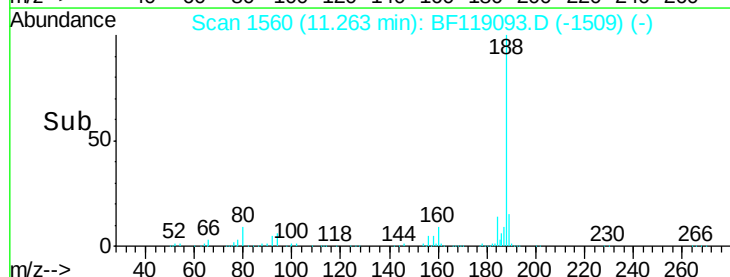
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.1	10.7
80	9.5	7.8	11.8



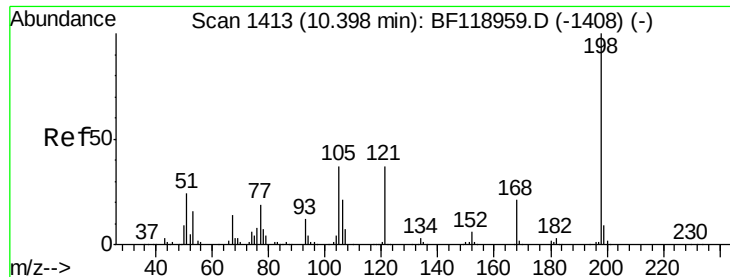
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 48.525 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

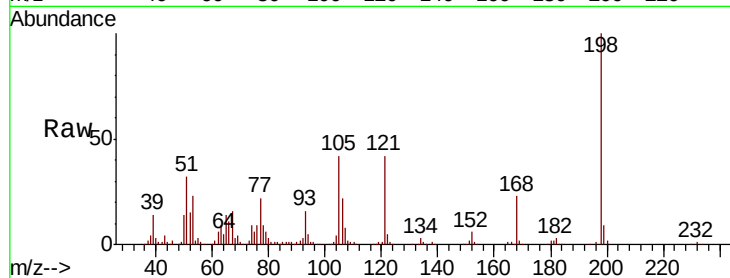
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 187083

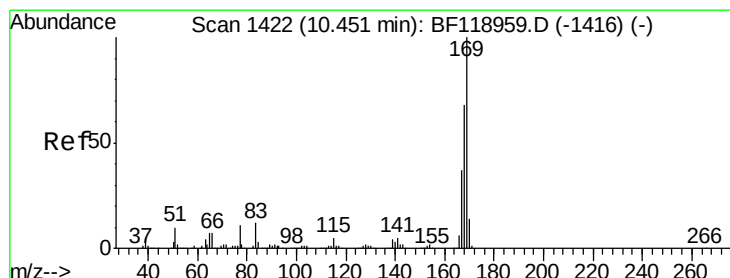
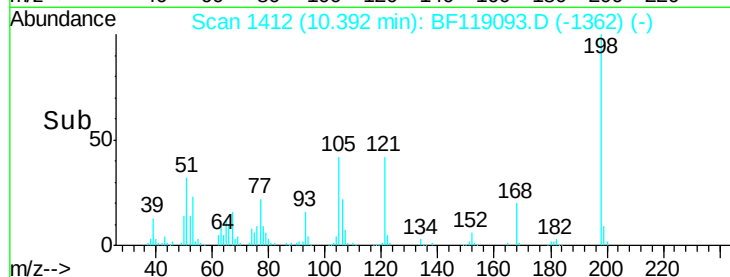
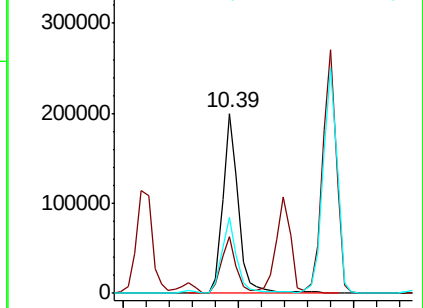
Ion	Ratio	Lower	Upper
198	100		
51	31.6	14.2	54.2
105	42.1	22.7	62.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.570 ng

RT: 10.44 min Scan# 1420

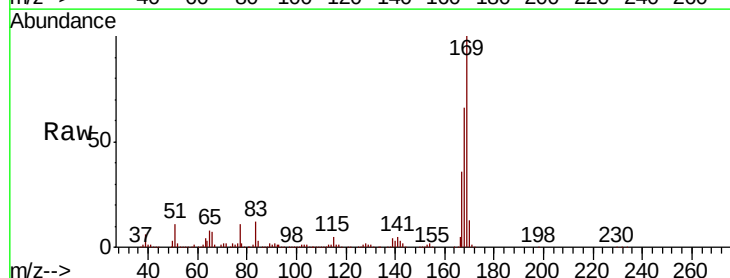
Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Tgt Ion:169 Resp: 908969

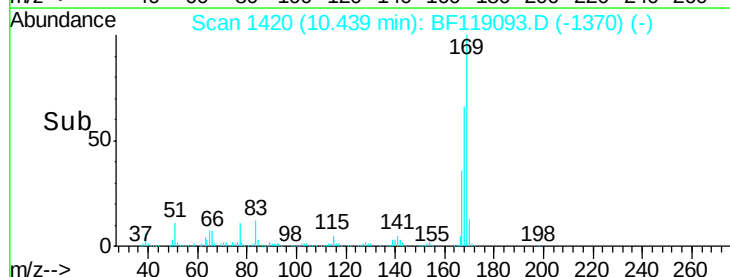
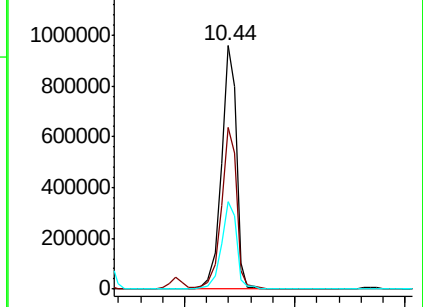
Ion	Ratio	Lower	Upper
169	100		
168	66.2	54.1	81.1
167	35.9	29.4	44.0

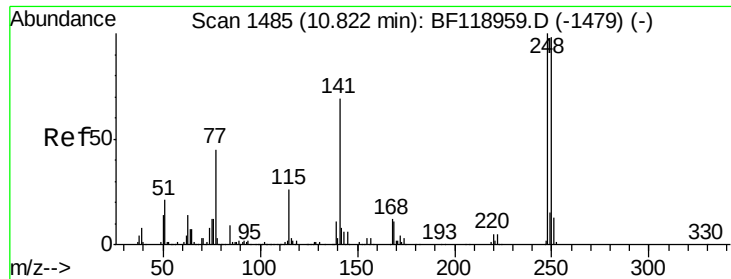


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

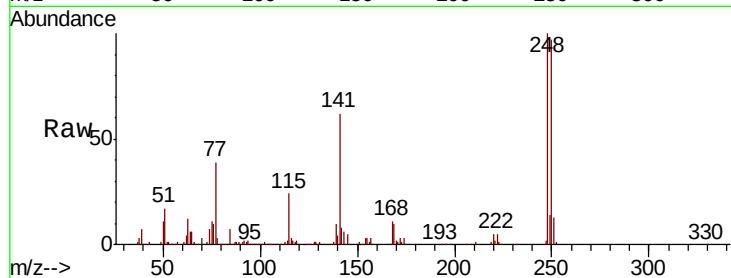




#67
4-Bromophenyl-phenylether
Concen: 41.452 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.7	115.1
141	62.4	60.7	91.1

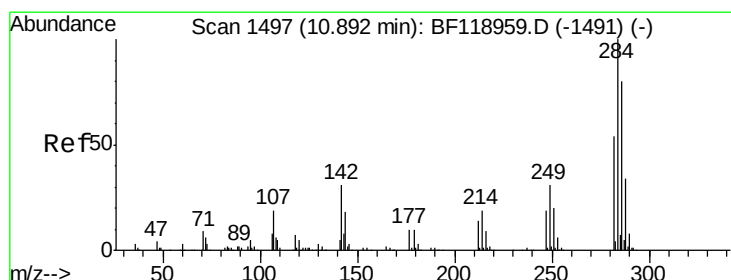
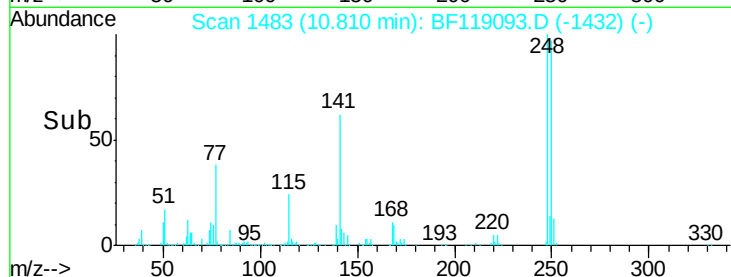
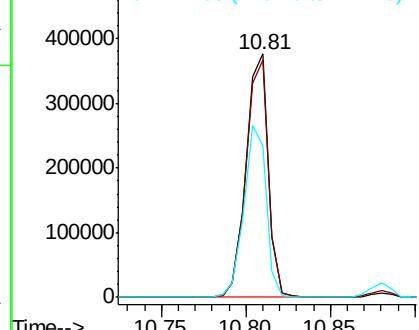


Abundance

Ion 248.00 (247.70 to 248.70): E

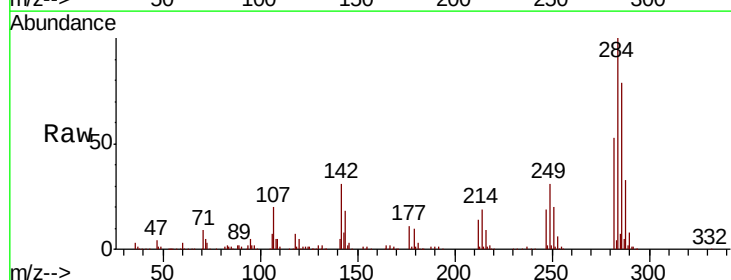
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.391 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	23.7	35.5
249	30.7	25.0	37.6

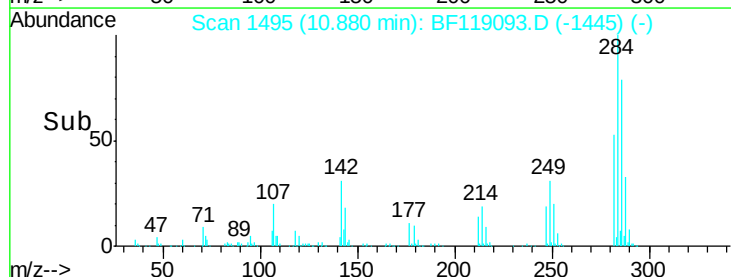
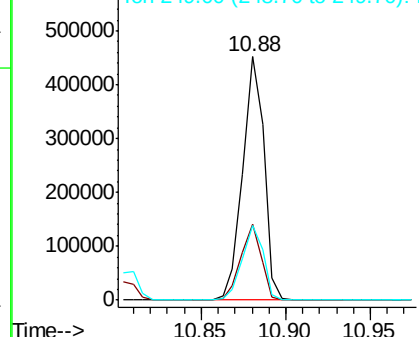


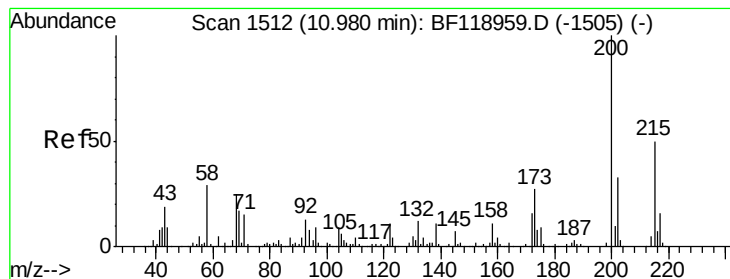
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 44.019 ng

RT: 10.97 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

ClientSampleId :

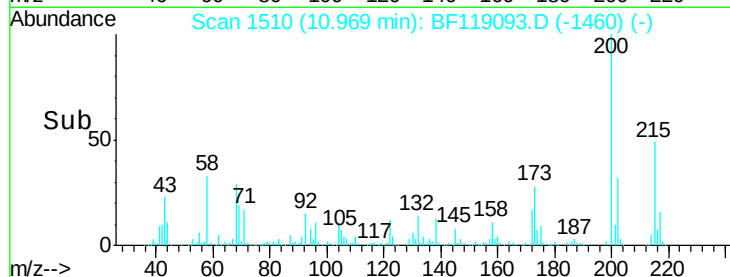
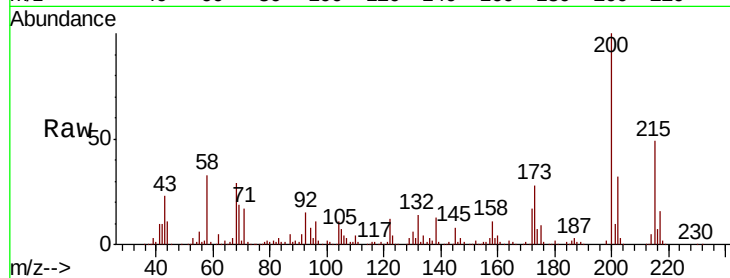
Tot Ion:200 Resp: 320857

Ion Ratio Lower Upper

200 100

173 27.7 6.4 46.4

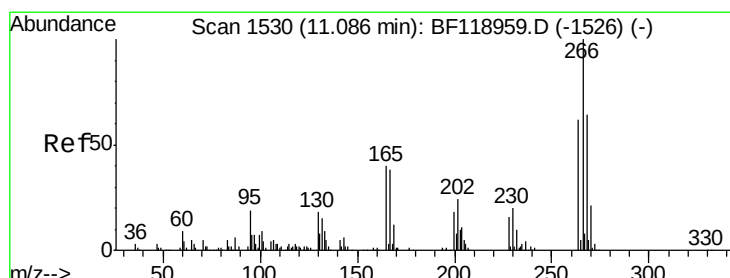
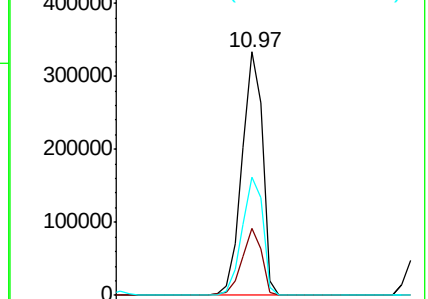
215 48.5 27.4 67.4



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: 88.084 ng

RT: 11.08 min Scan# 1529

Delta R.T. -0.00 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

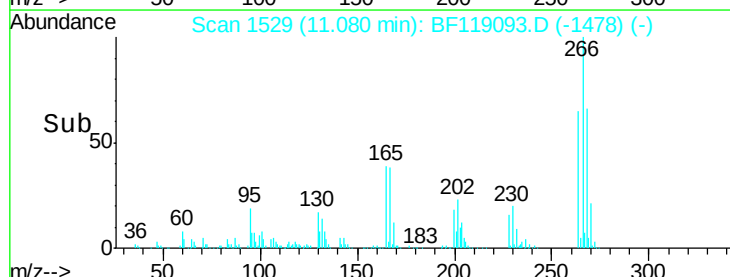
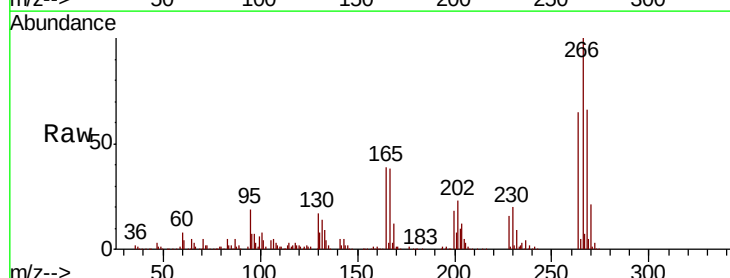
Tgt Ion:266 Resp: 340703

Ion Ratio Lower Upper

266 100

268 65.9 51.9 77.9

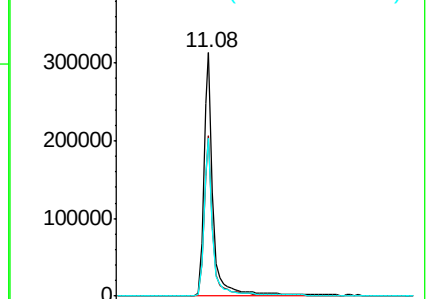
264 64.6 51.0 76.4

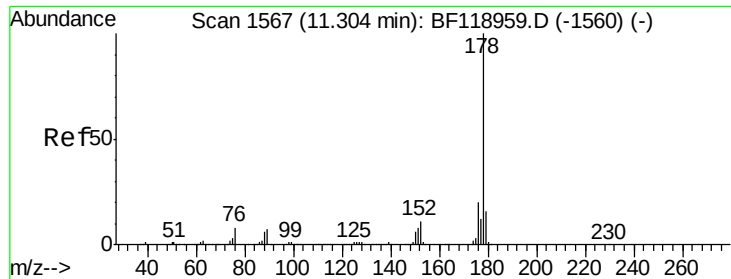


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

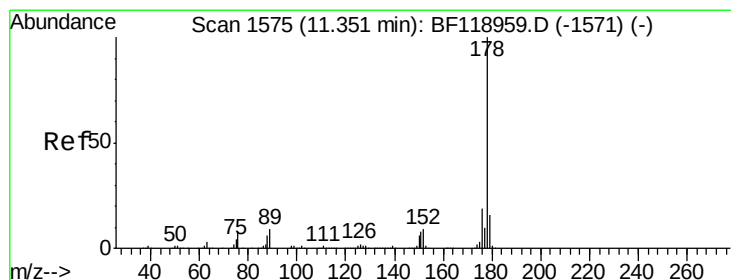
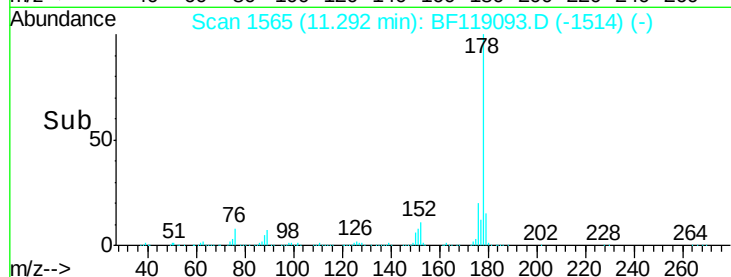
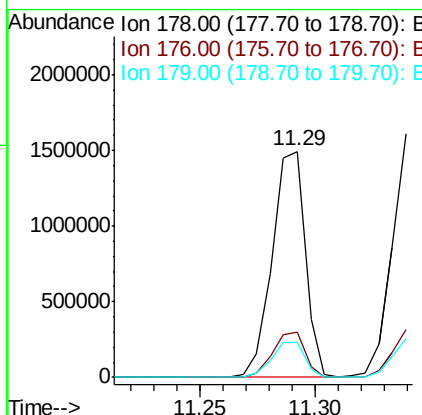
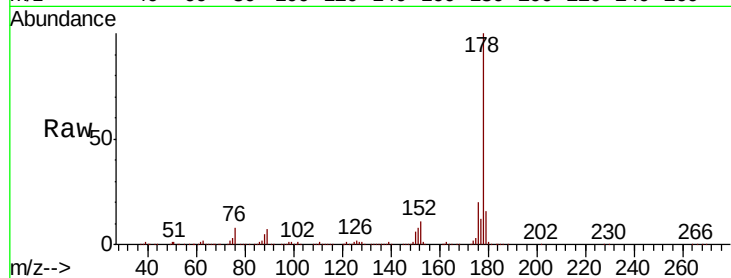




#71
Phenanthrene
Concen: 42.832 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

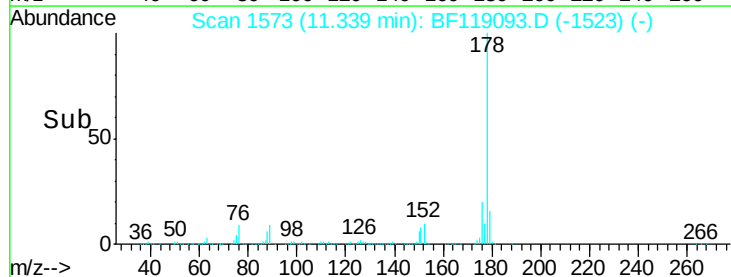
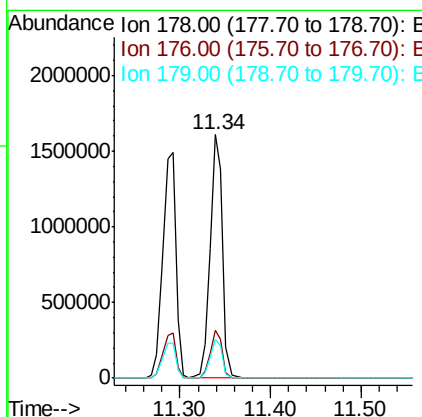
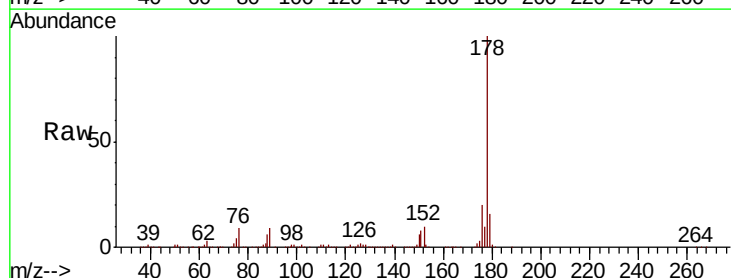
Instrument :
BNA_F
ClientSampleId :

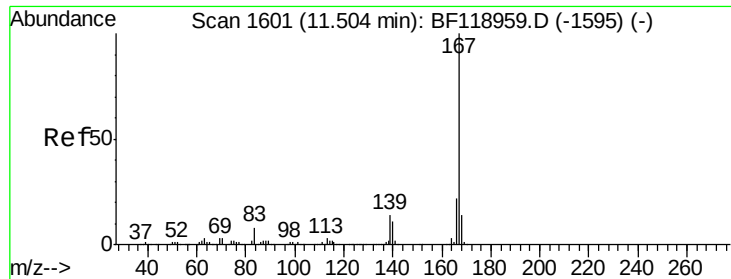
Tot Ion:178 Resp: 1488266
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 15.6 13.0 19.6



#72
Anthracene
Concen: 44.412 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion:178 Resp: 1541878
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 16.0 13.1 19.7



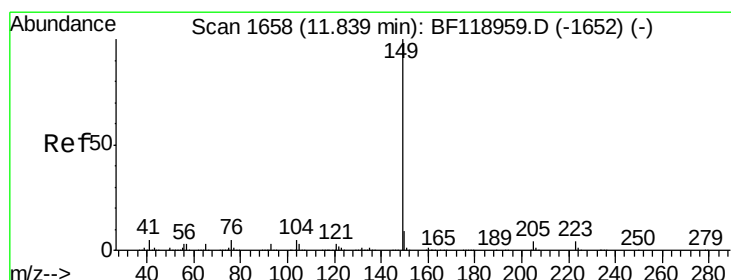
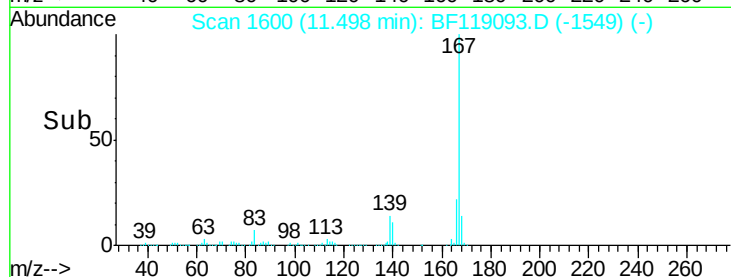
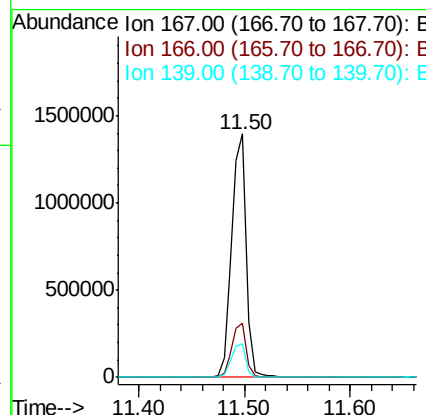
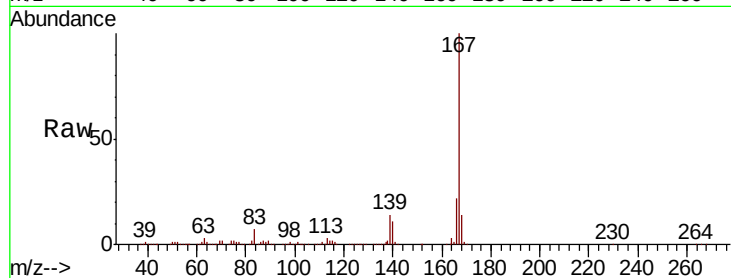


#73
 Carbazole
 Concen: 42.761 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1322555

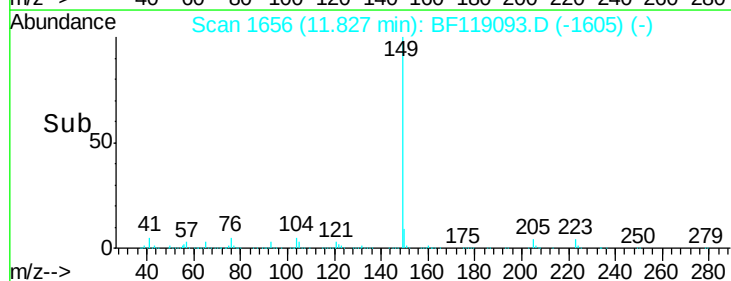
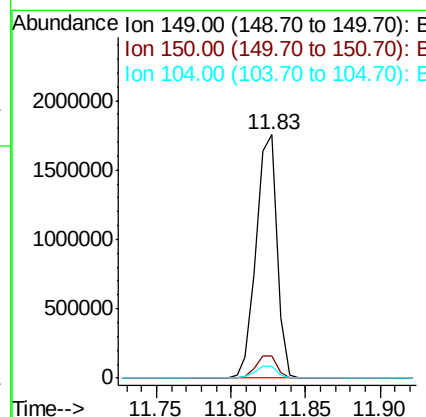
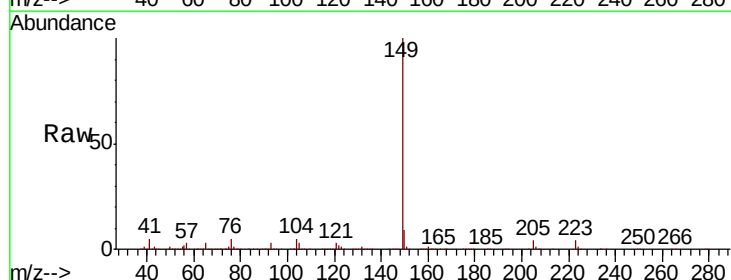
Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.7	11.7	17.5

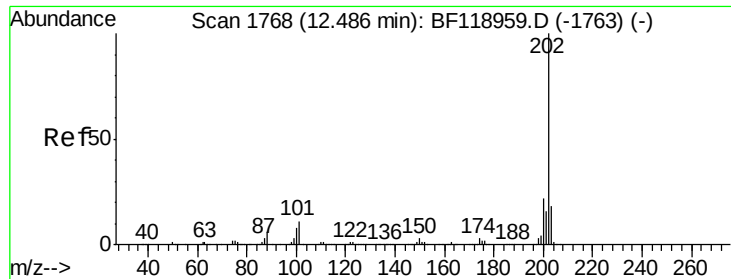


#74
 Di-n-butylphthalate
 Concen: 44.955 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tgt Ion:149 Resp: 1683805

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.9	11.9
104	5.1	4.6	6.8





#75

Fluoranthene

Concen: 43.042 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

ClientSampleId :

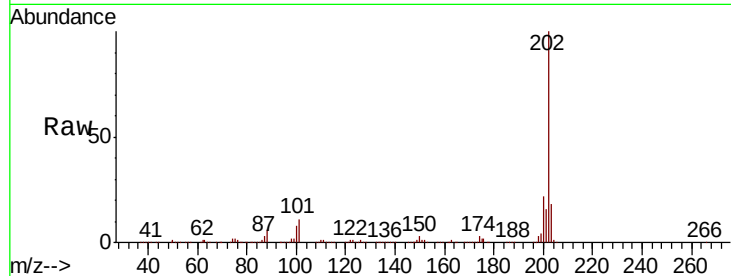
Tot Ion:202 Resp: 1587481

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

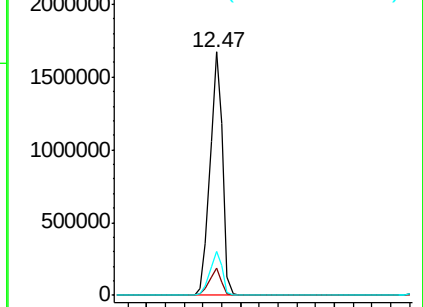
203 18.2 0.0 38.4



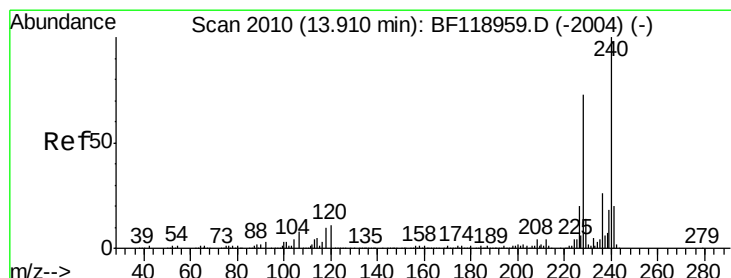
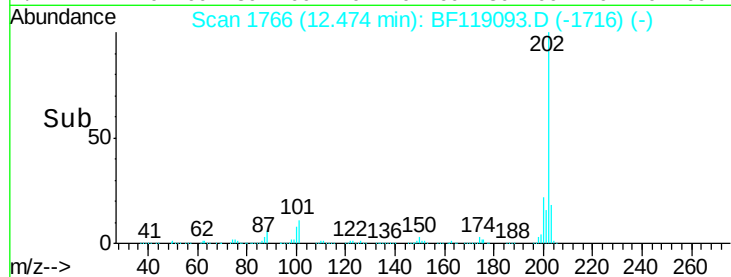
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

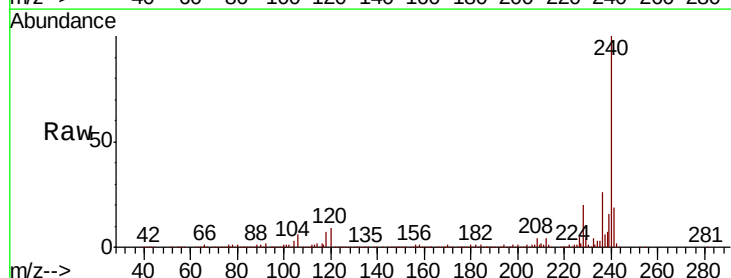
Tgt Ion:240 Resp: 444416

Ion Ratio Lower Upper

240 100

120 8.7 8.4 12.6

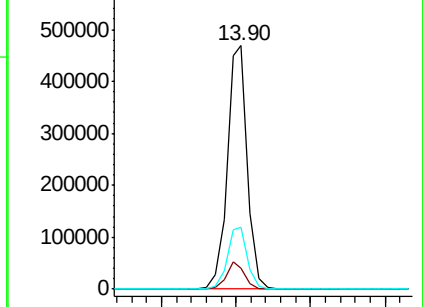
236 25.5 21.0 31.4



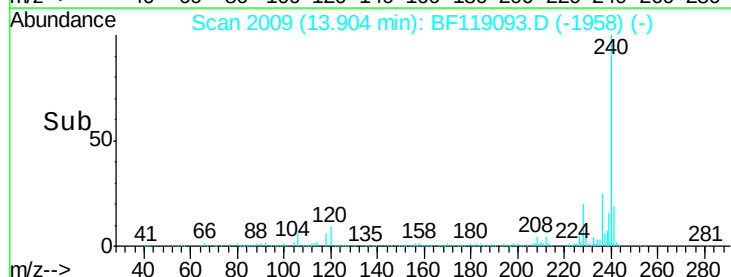
Abundance Ion 240.00 (239.70 to 240.70): E

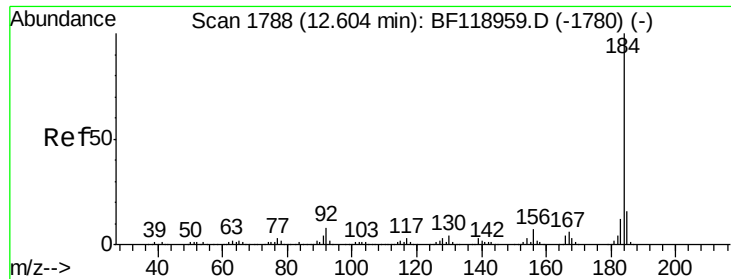
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

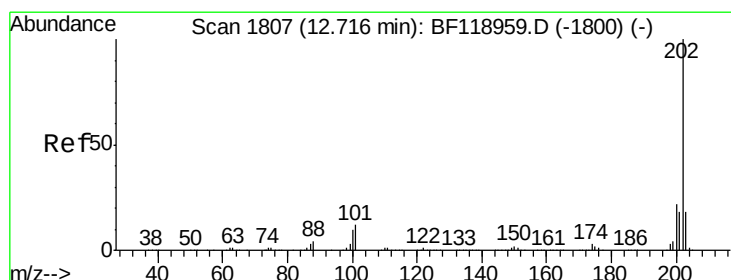
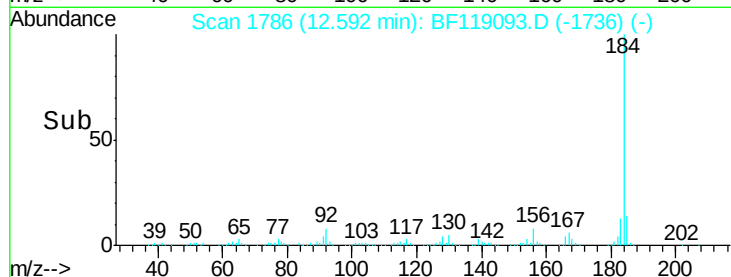
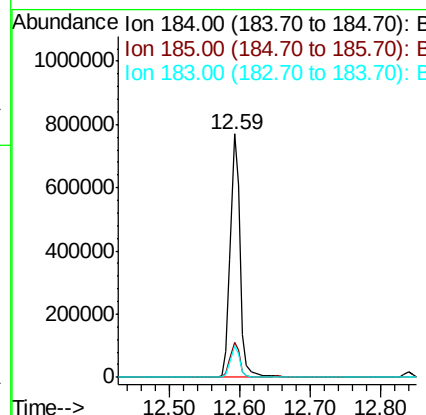
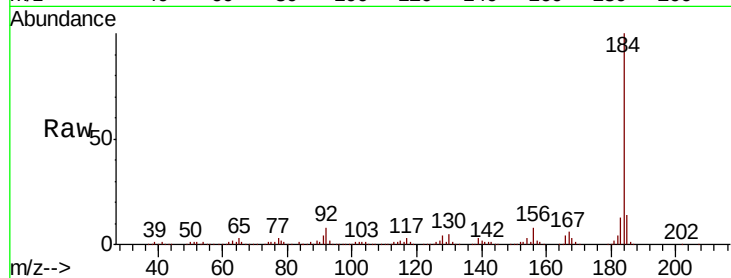




#77
Benzidine
Concen: 40.927 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

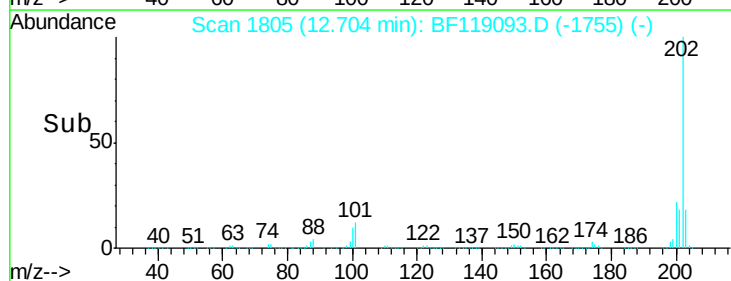
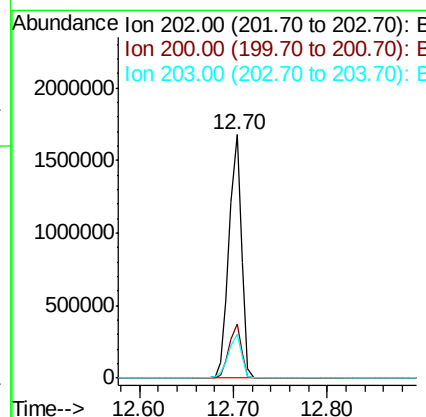
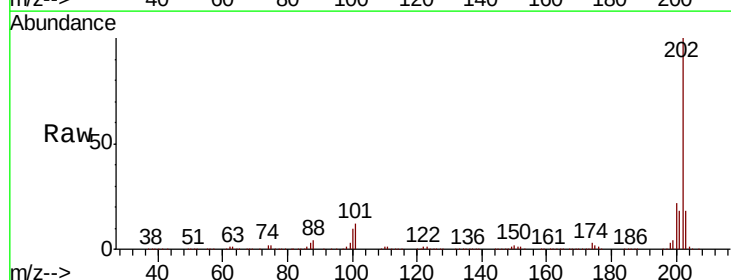
Instrument :
BNA_F
ClientSampled :

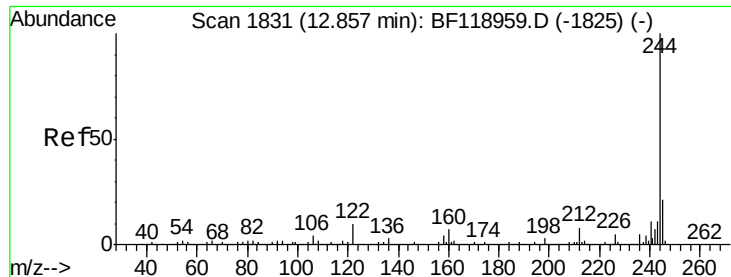
Tot Ion:184 Resp: 739715
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.4
183 12.6 9.9 14.9



#78
Pyrene
Concen: 43.836 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion:202 Resp: 1564349
Ion Ratio Lower Upper
202 100
200 22.1 18.0 27.0
203 18.0 14.6 22.0





#79

Terphenyl-d14

Concen: 43.764 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

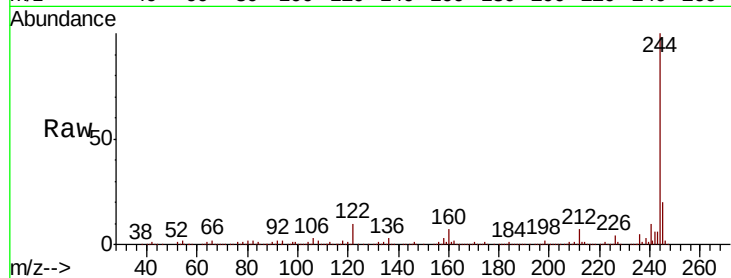
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1129670

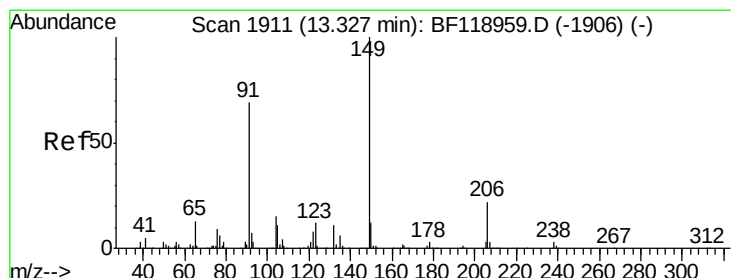
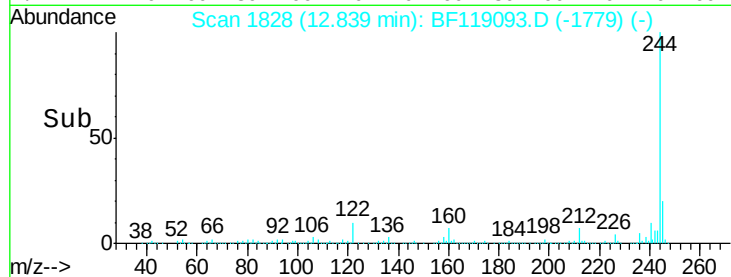
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	10.0
122	10.3	8.2	12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.943 ng

RT: 13.32 min Scan# 1909

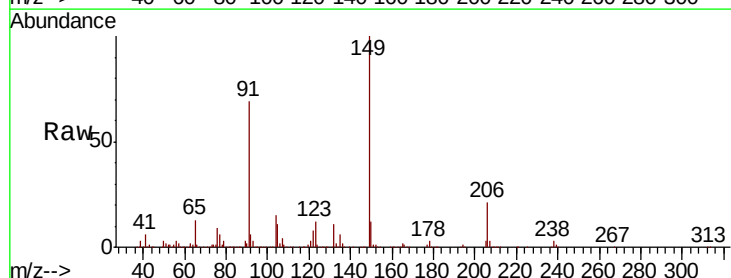
Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Tgt Ion:149 Resp: 690029

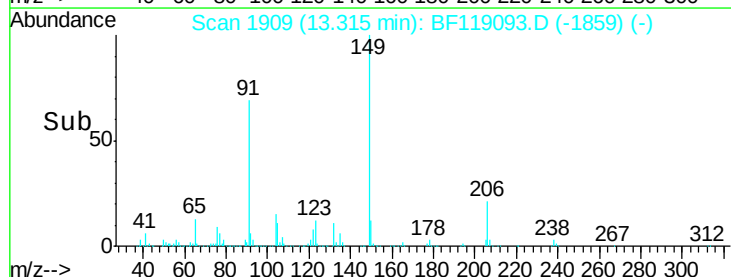
Ion	Ratio	Lower	Upper
149	100		
91	68.9	52.3	78.5
206	21.5	18.5	27.7

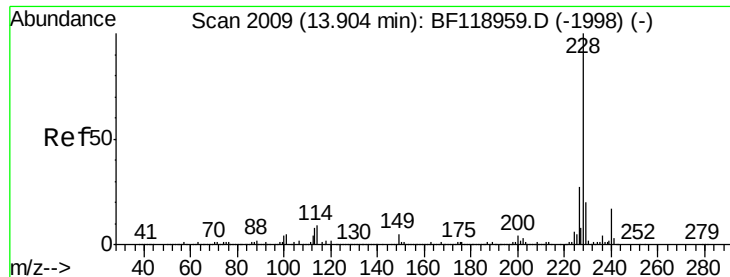


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.025 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

ClientSampleId :

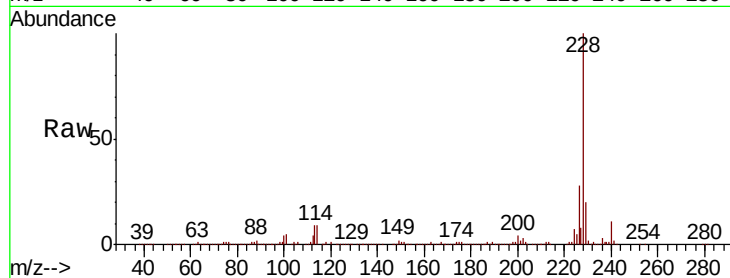
Tot Ion:228 Resp: 1272545

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

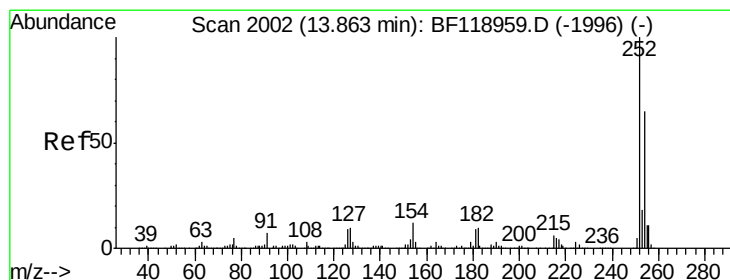
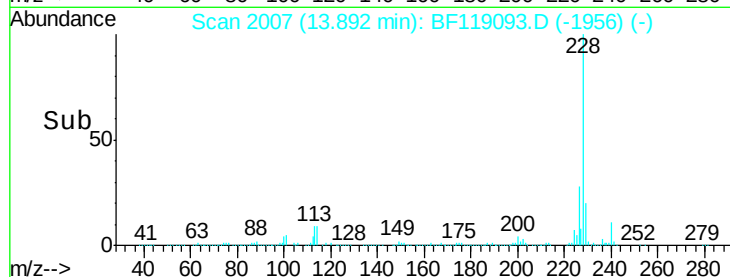
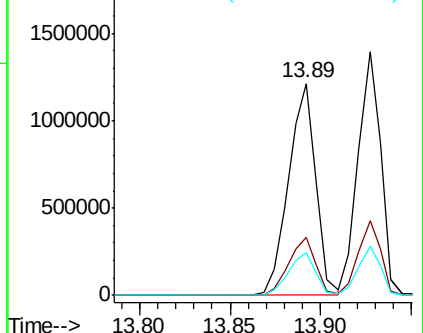
229 20.0 16.6 24.8



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: 26.811 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

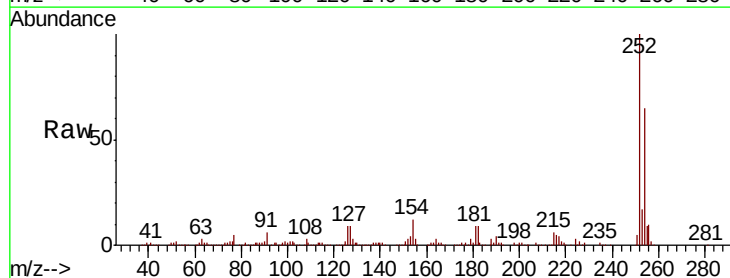
Tgt Ion:252 Resp: 315250

Ion Ratio Lower Upper

252 100

254 64.8 51.6 77.4

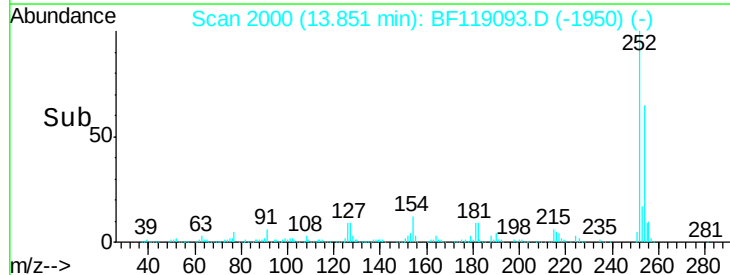
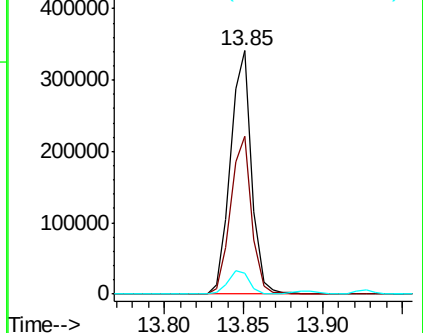
126 8.7 7.4 11.0

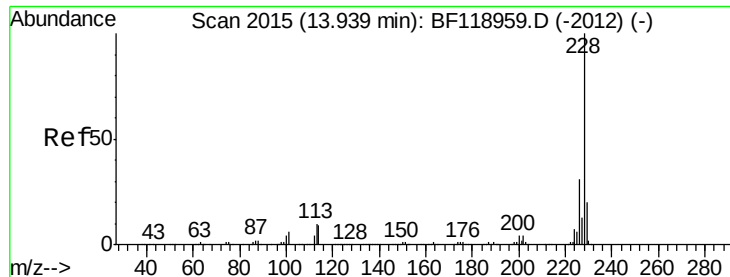


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



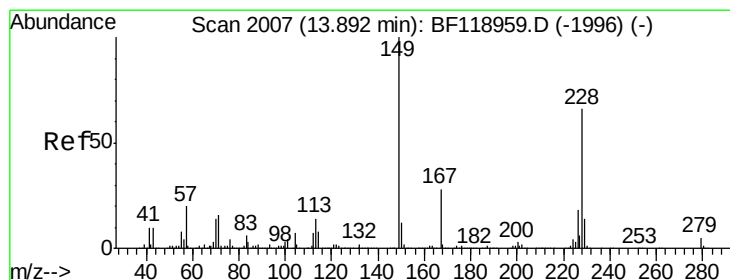
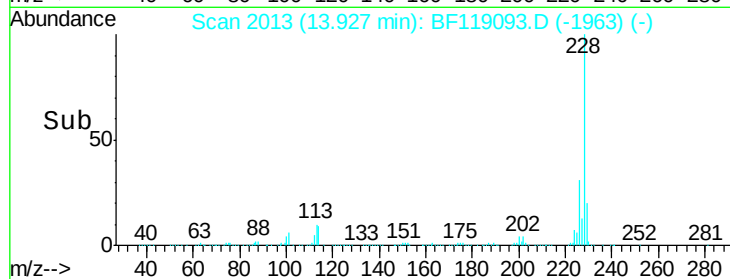
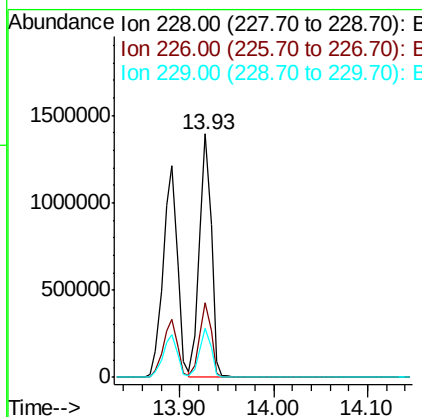
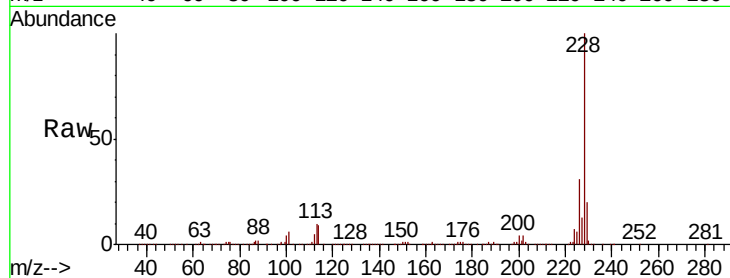


#83
 Chrysene
 Concen: 40.686 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1227600

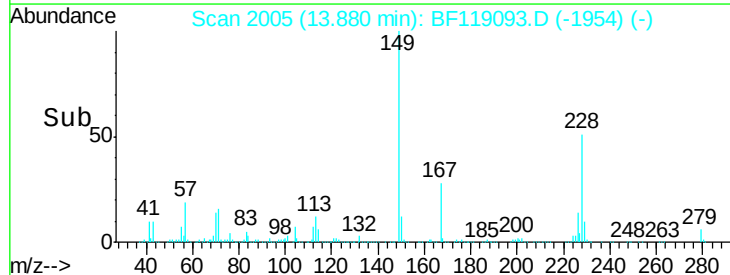
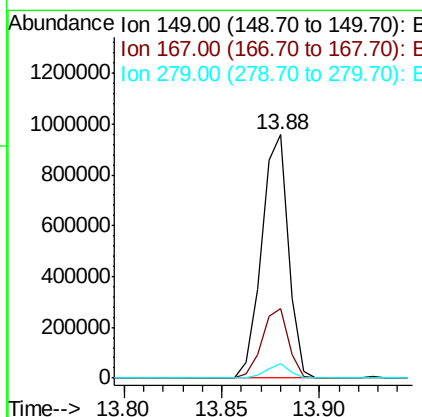
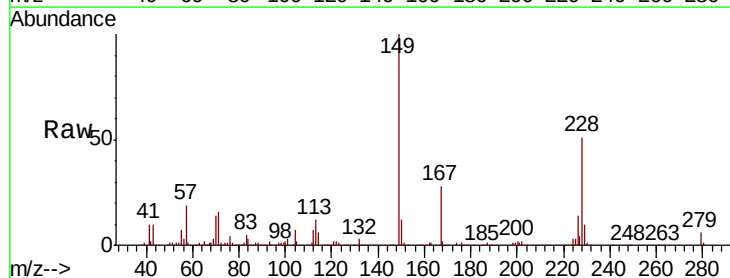
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.1	37.7
229	20.2	16.3	24.5

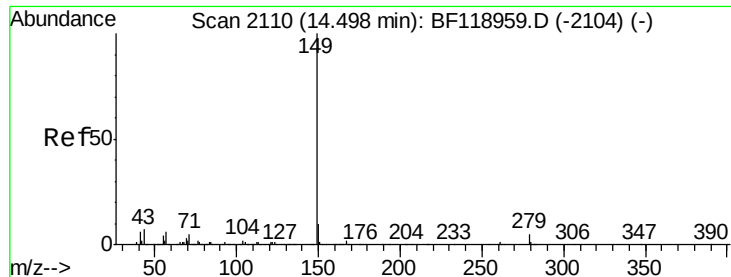


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.939 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.00 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tgt Ion:149 Resp: 909621

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.8	34.2
279	5.7	4.6	6.8

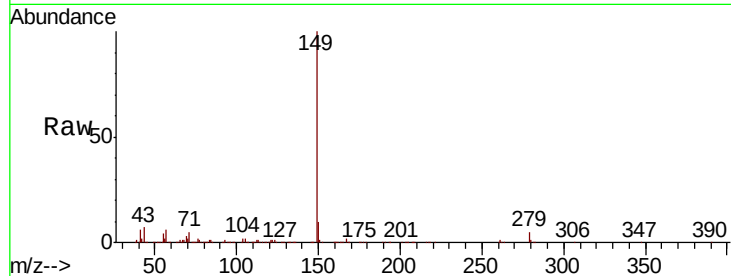




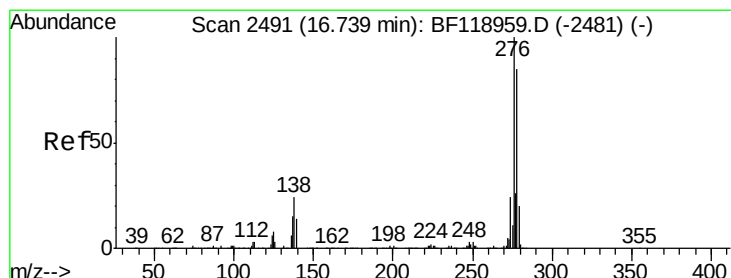
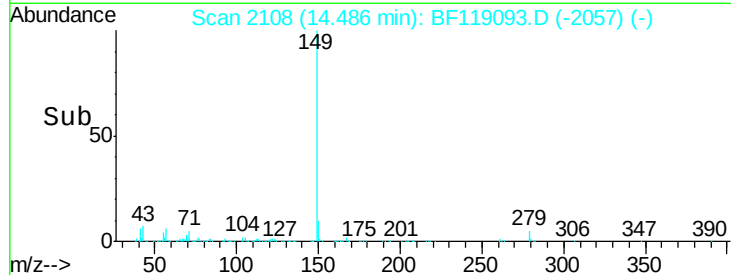
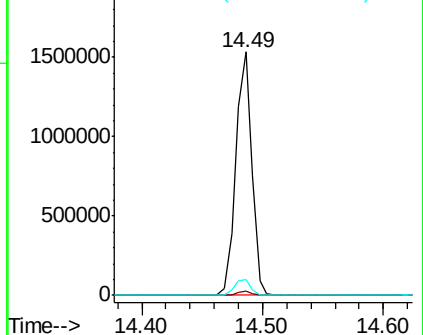
#85
 Di-n-octyl phthalate
 Concen: 47.102 ng
 RT: 14.49 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1424018
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 6.6 5.7 8.5

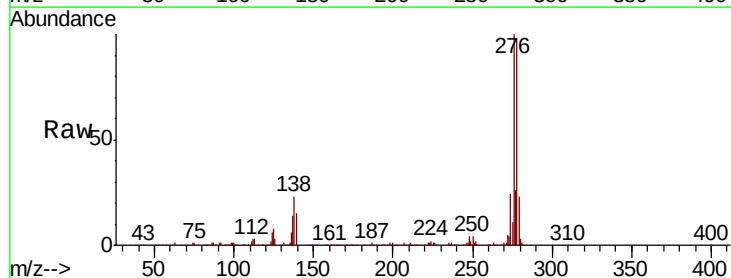


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

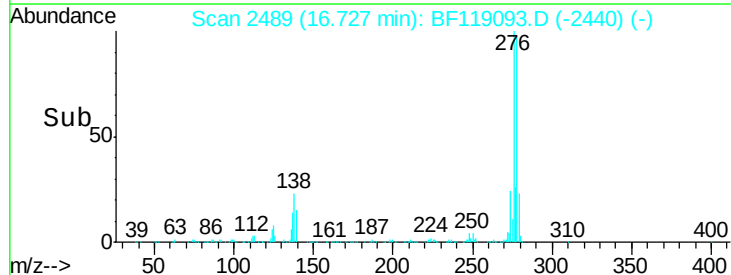
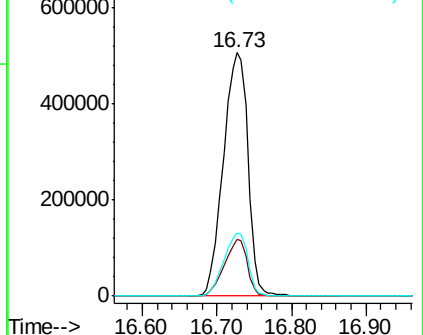


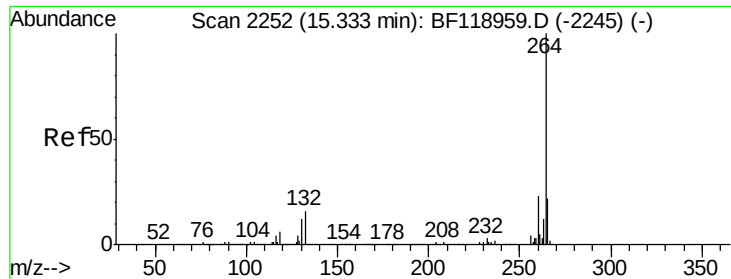
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 39.883 ng
 RT: 16.73 min Scan# 2489
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tgt Ion:276 Resp: 1165190
 Ion Ratio Lower Upper
 276 100
 138 21.7 17.4 26.0
 277 25.4 20.3 30.5



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



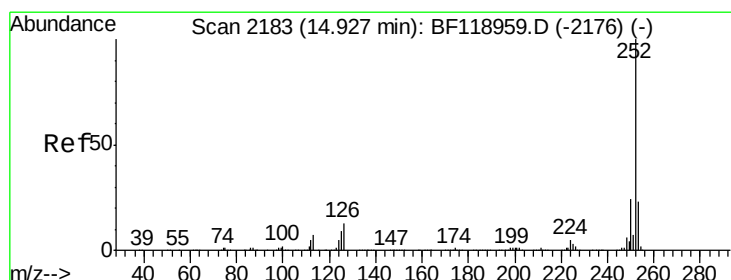
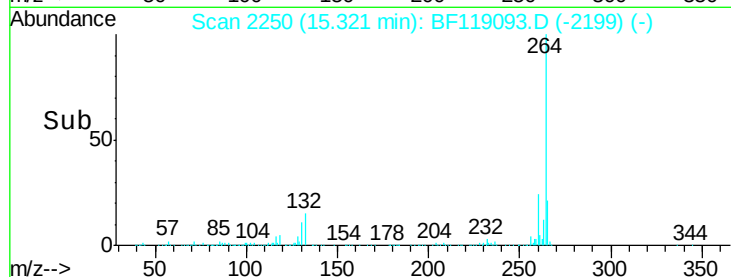
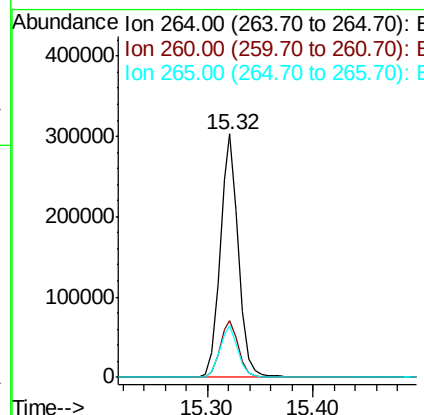
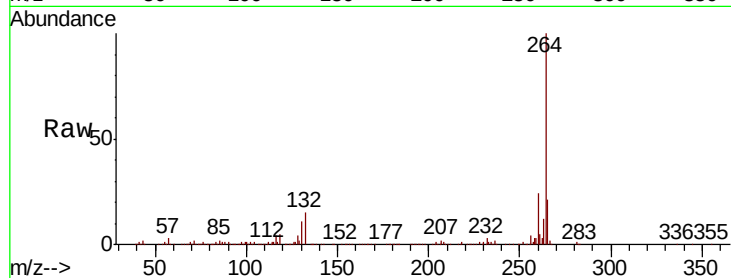


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 364860

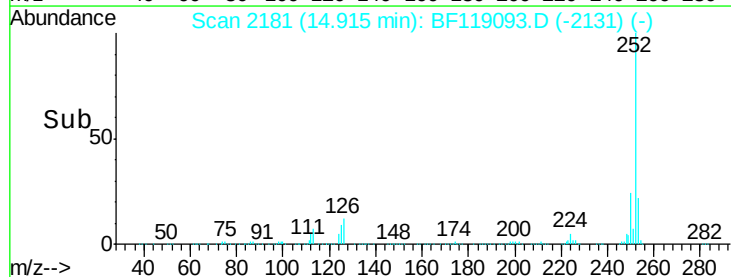
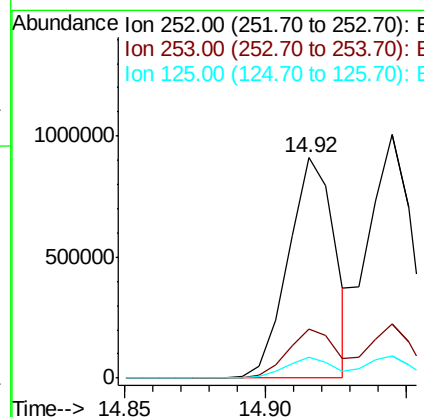
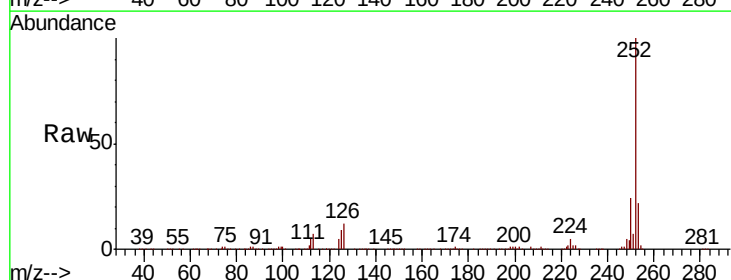
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.0	17.7	26.5

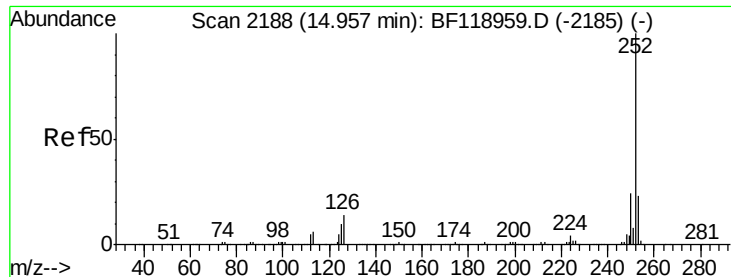


#88
Benzo(b)fluoranthene
Concen: 43.392 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion:252 Resp: 1043559

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	9.4	7.4	11.0

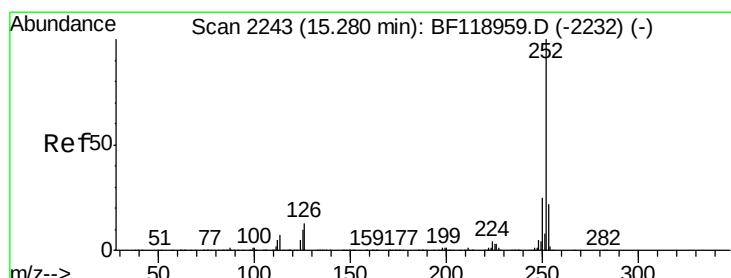
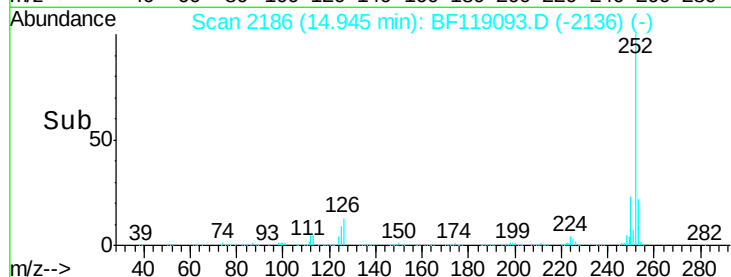
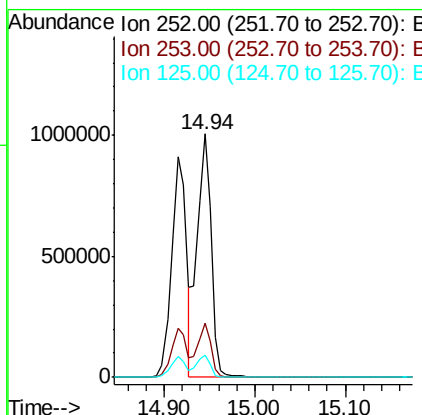
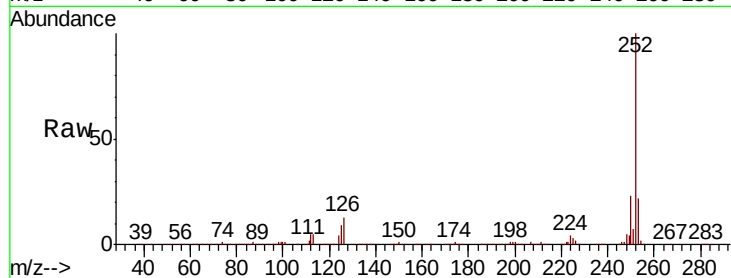




#89
Benzo(k)fluoranthene
Concen: 48.492 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

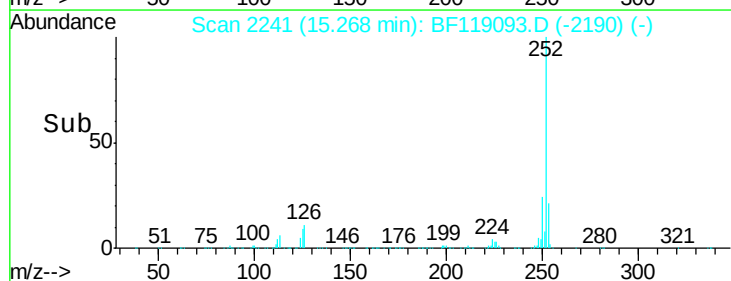
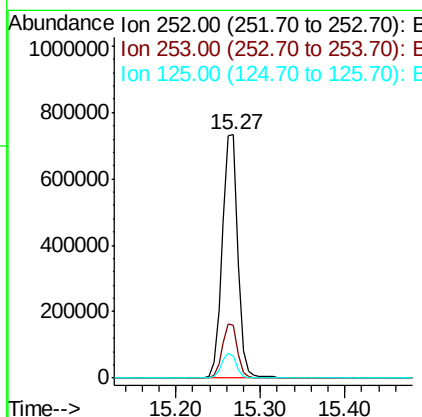
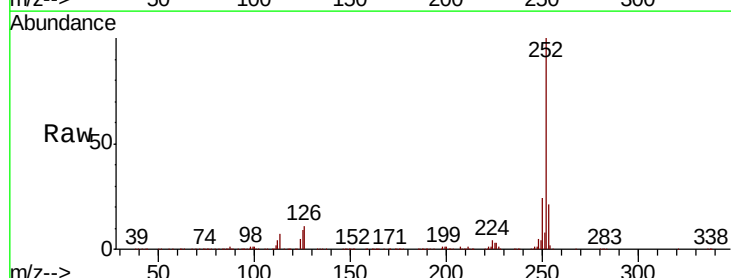
Instrument :
BNA_F
ClientSampleId :

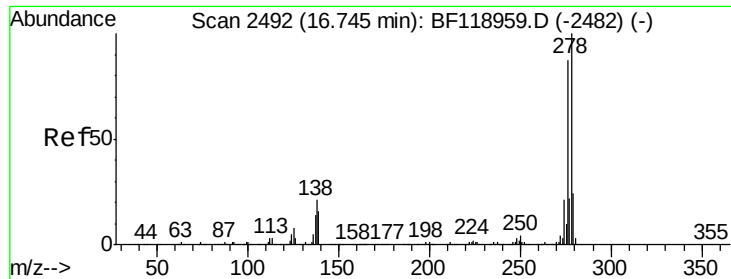
Tot Ion:252 Resp: 1080755
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.2 7.5 11.3



#90
Benzo(a)pyrene
Concen: 43.430 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion:252 Resp: 942654
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 8.9 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 50.699 ng

RT: 16.73 min Scan# 2490

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

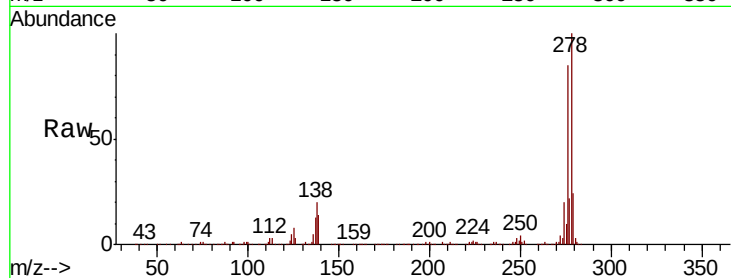
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 968266

Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.0	16.4
279	23.6	18.6	28.0

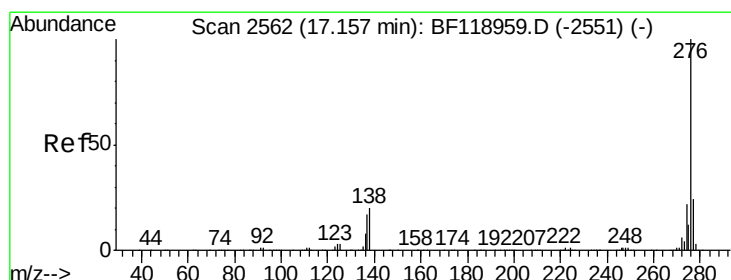
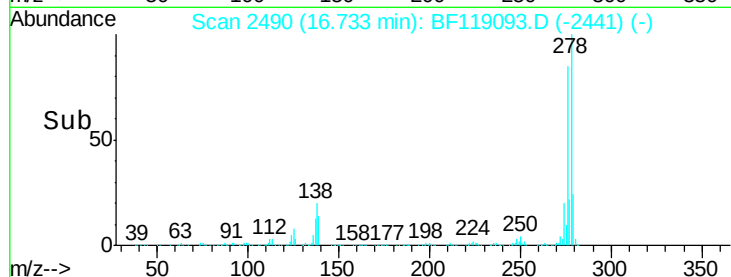
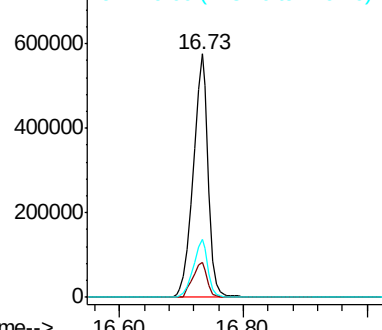


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.137 ng

RT: 17.15 min Scan# 2561

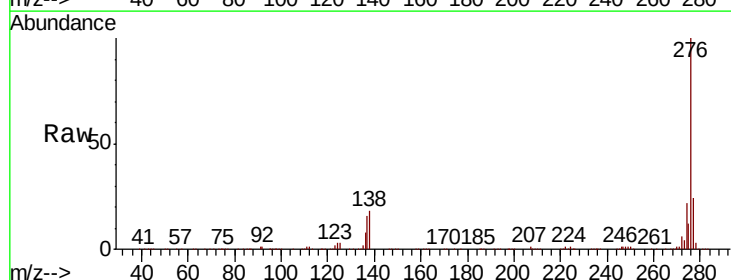
Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Tgt Ion:276 Resp: 1002686

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	18.0	14.3	21.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

