

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118010.D
 Acq On : 26 Nov 2019 16:37
 Operator : JU
 Sample : K6002-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Quant Time: Nov 26 17:36:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

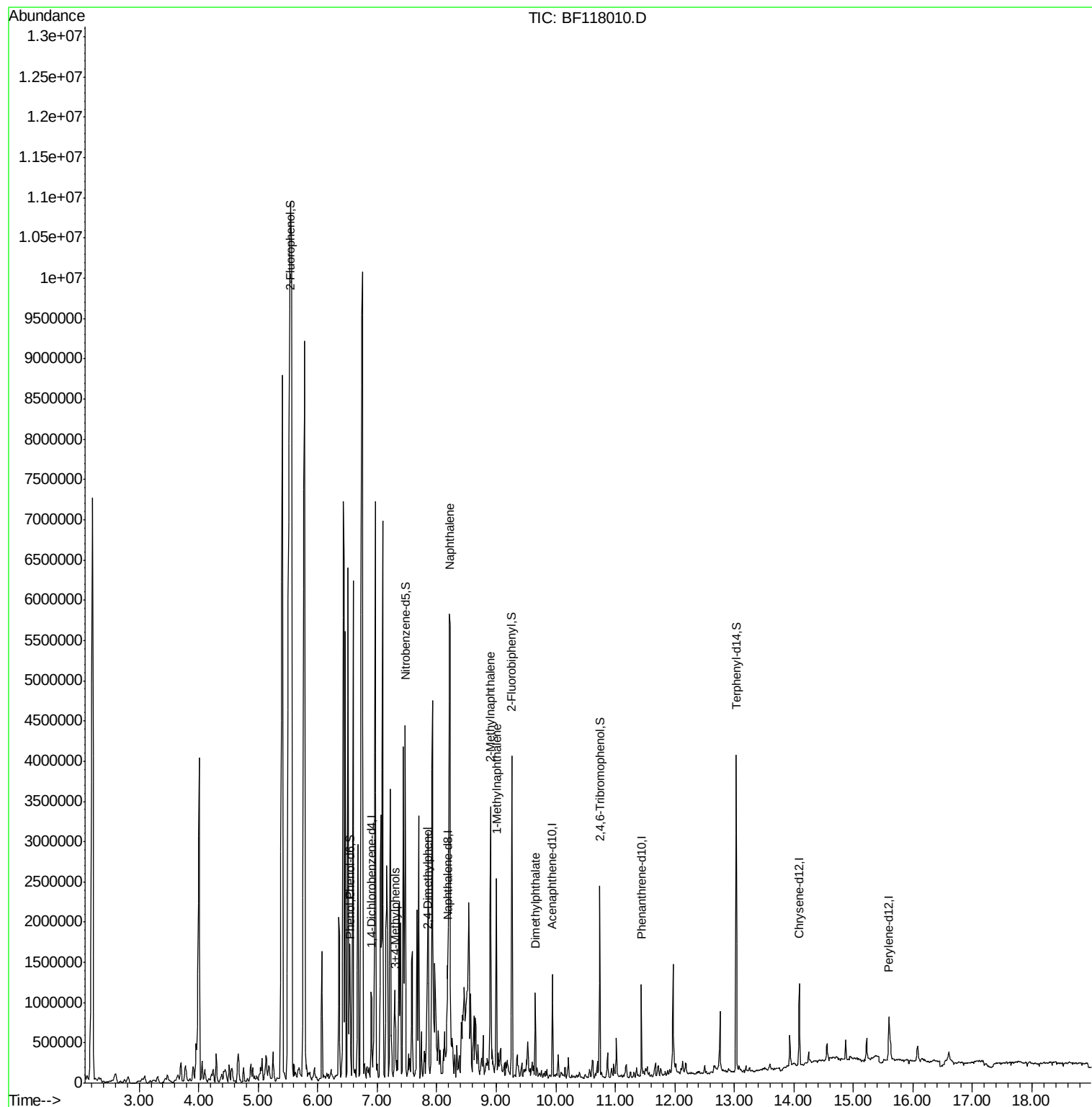
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	158521	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	492285	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	242138	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	395354	20.00	ng	0.00
76) Chrysene-d12	14.09	240	309307	20.00	ng	0.00
87) Perylene-d12	15.60	264	265881	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	315321	35.21	ng	0.04
7) Phenol-d6	6.54	99	716887	66.37	ng	0.02
23) Nitrobenzene-d5	7.47	82	791697	95.60	ng	0.00
42) 2,4,6-Tribromophenol	10.75	330	314251	122.59	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1269350	94.05	ng	0.00
79) Terphenyl-d14	13.03	244	1361801	80.47	ng	0.00
Target Compounds						
10) Phenol	6.55	94	142666	12.710	ng	97
20) 3+4-Methylphenols	7.30	107	144930	14.188	ng	94
27) 2,4-Dimethylphenol	7.84	122	246344	38.126	ng	96
31) Naphthalene	8.22	128	3256986	141.918	ng	99
37) 2-Methylnaphthalene	8.90	142	831579	53.628	ng	99
38) 1-Methylnaphthalene	9.00	142	502060	34.247	ng	100
50) Dimethylphthalate	9.66	163	365447	21.523	ng	99

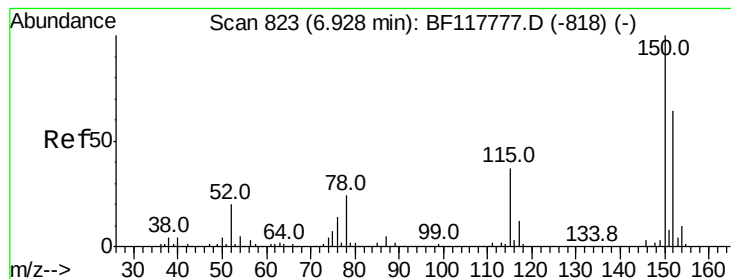
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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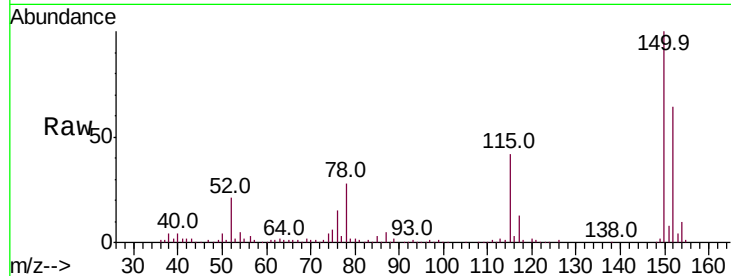


#1

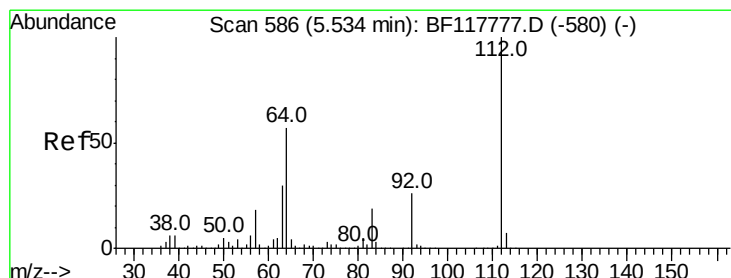
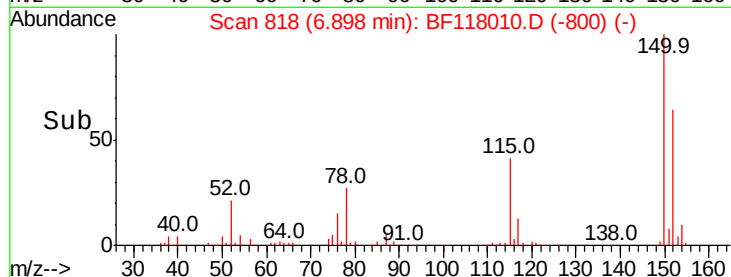
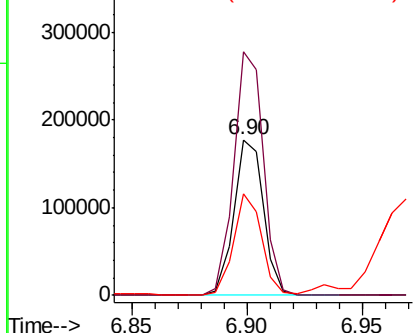
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF118010.D
Acq: 26 Nov 2019 16:37

Instrument :
BNA_F
ClientSampleId :
MW-6

Tot Ion:152 Resp: 158521
Ion Ratio Lower Upper
152 100
150 156.6 125.3 187.9
115 65.0 47.0 70.4



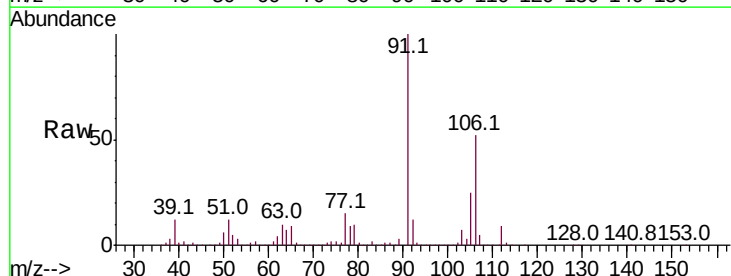
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



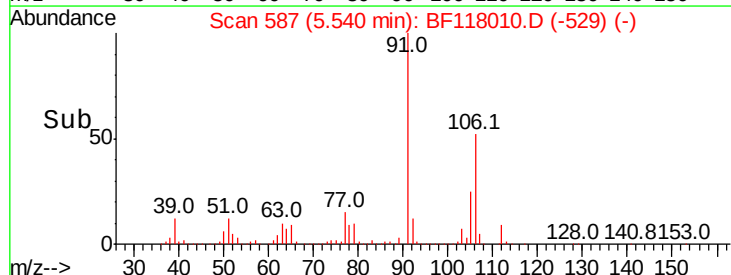
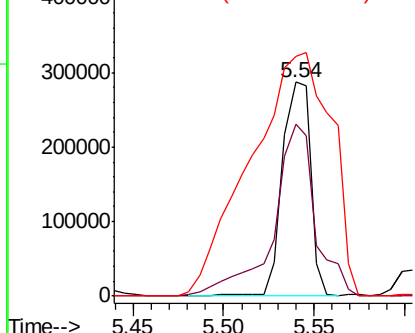
#5

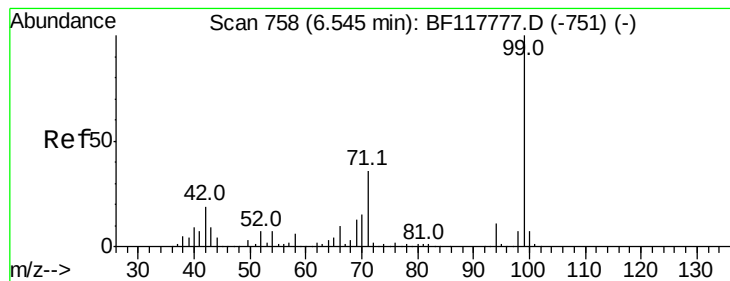
2-Fluorophenol
Concen: 35.210 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.04 min
Lab File: BF118010.D
Acq: 26 Nov 2019 16:37

Tgt Ion:112 Resp: 315321
Ion Ratio Lower Upper
112 100
64 80.1 45.6 68.4#
63 111.8 24.1 36.1#



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





#7

Phenol-d6

Concen: 66.368 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF118010.D

Acq: 26 Nov 2019 16:37

Instrument :

BNA_F

ClientSampleId :

MW-6

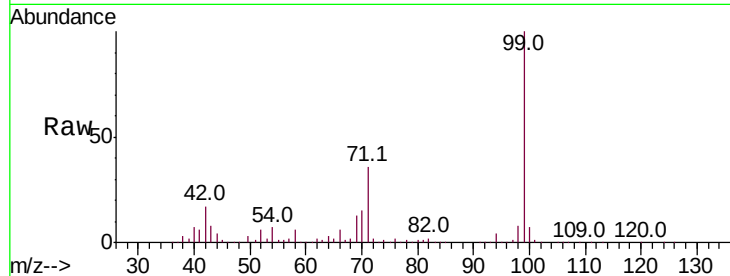
Tot Ion: 99 Resp: 716887

Ion Ratio Lower Upper

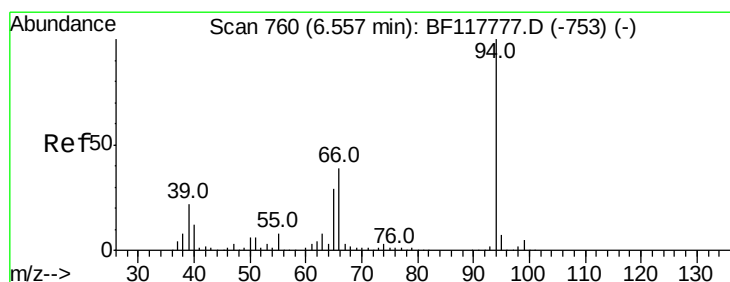
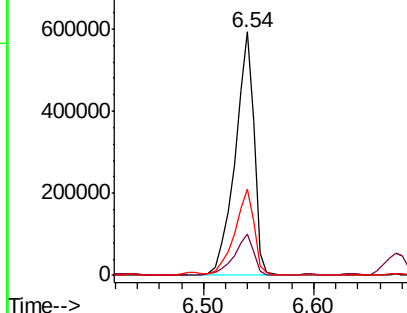
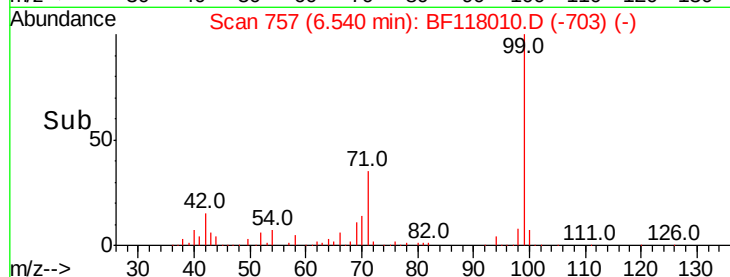
99 100

42 16.8 14.9 22.3

71 35.5 28.6 43.0



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



#10

Phenol

Concen: 12.710 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF118010.D

Acq: 26 Nov 2019 16:37

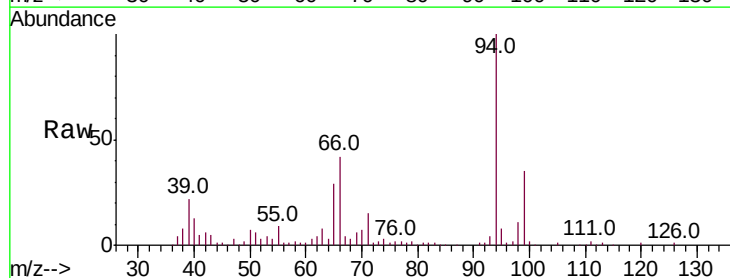
Tgt Ion: 94 Resp: 142666

Ion Ratio Lower Upper

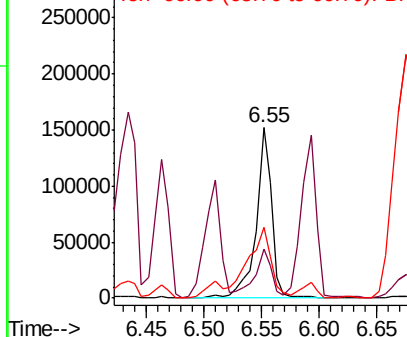
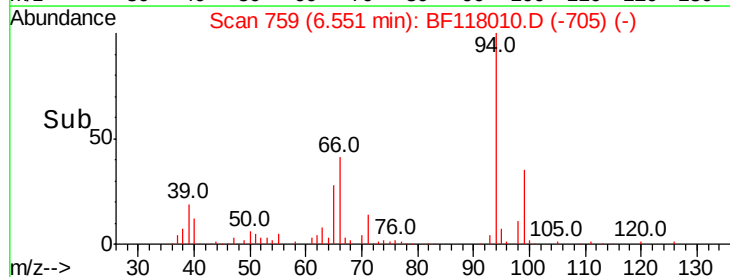
94 100

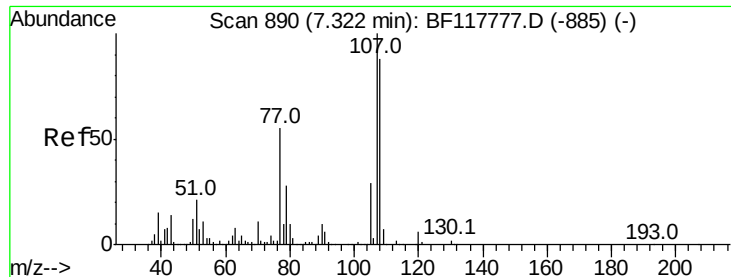
65 28.8 8.9 48.9

66 41.8 18.7 58.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#20

3+4-Methylphenols

Concen: 14.188 ng

RT: 7.30 min Scan# 887

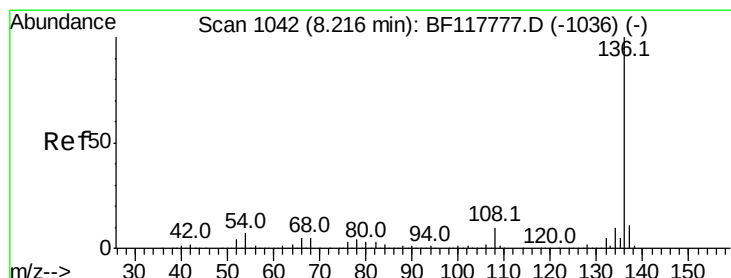
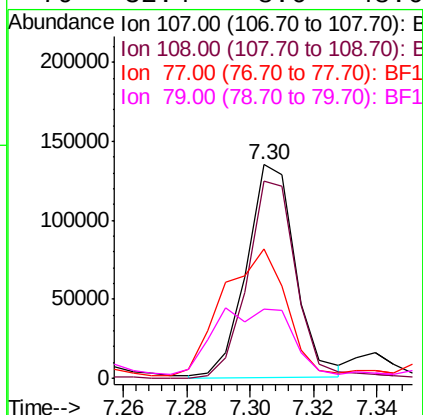
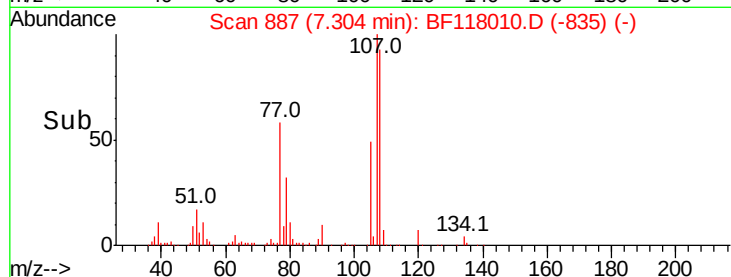
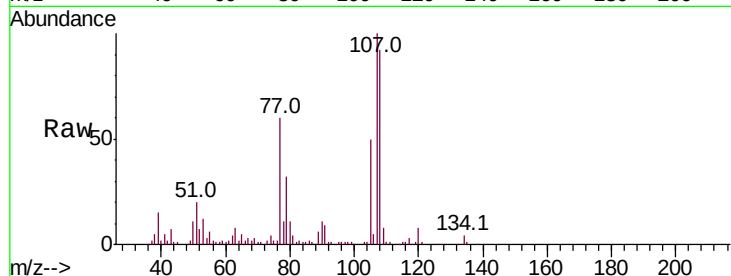
Delta R.T. 0.01 min

Lab File: BF118010.D

Acq: 26 Nov 2019 16:37

Instrument :
BNA_F
ClientSampleId :
MW-6

Tot Ion:	107	Resp:	144930
Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.4	108.4
77	60.2	35.2	75.2
79	32.4	8.6	48.6



#21

Naphthalene-d8

Concen: 20.000 ng

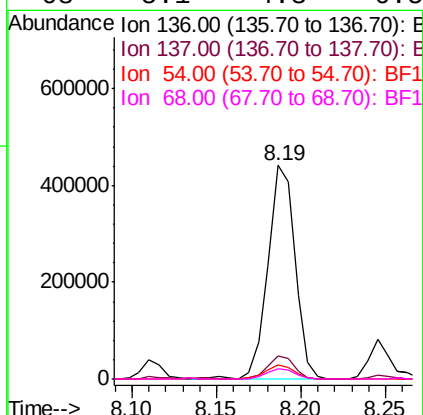
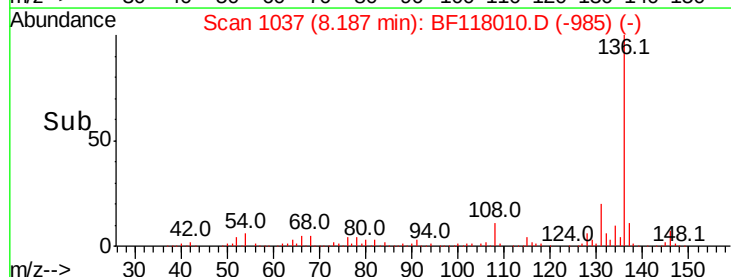
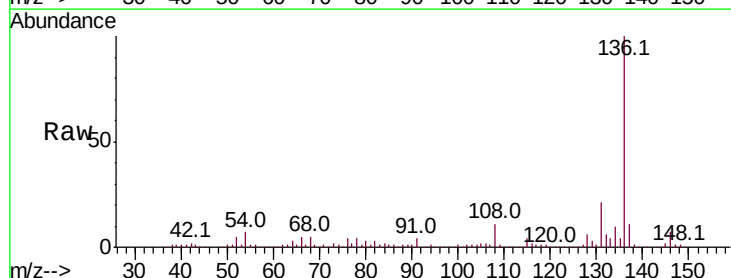
RT: 8.19 min Scan# 1037

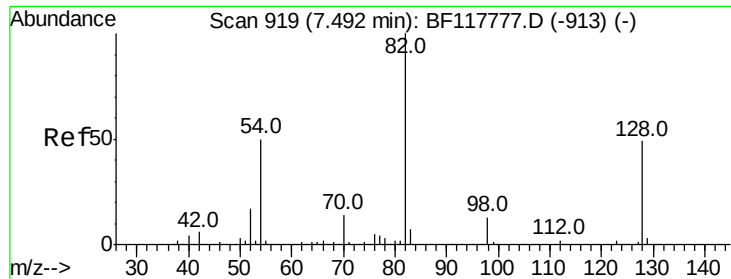
Delta R.T. 0.01 min

Lab File: BF118010.D

Acq: 26 Nov 2019 16:37

Tgt Ion:	136	Resp:	492285
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.6	5.4	8.2
68	5.1	4.3	6.5

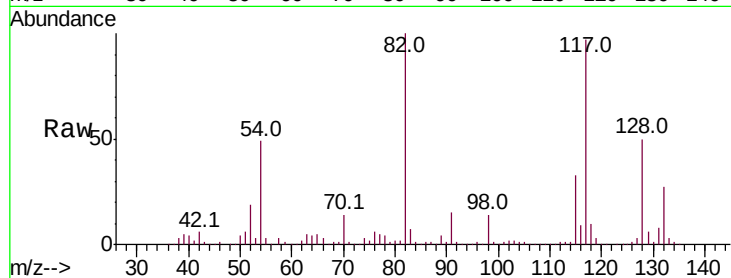




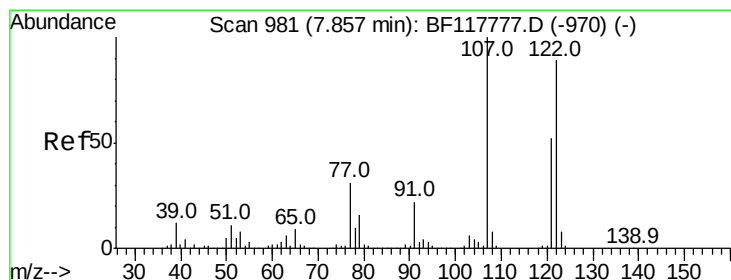
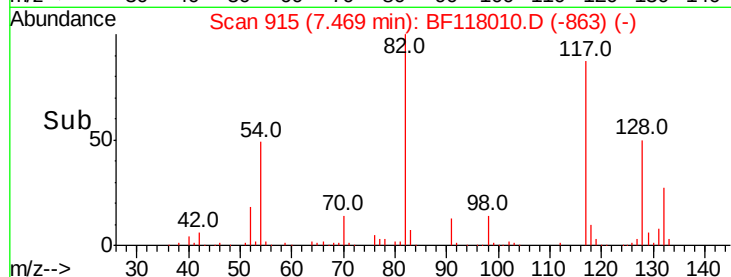
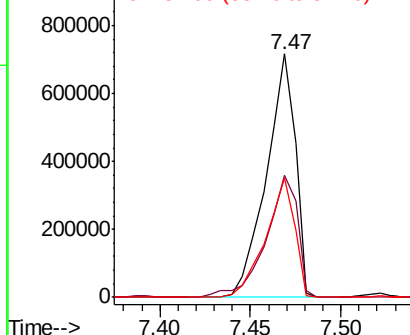
#23
Nitrobenzene-d5
Concen: 95.601 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF118010.D
Acq: 26 Nov 2019 16:37

Instrument :
BNA_F
ClientSampled :
MW-6

Tot Ion	82	Resp	791697
Ion Ratio	100	Lower	Upper
128	50.0	38.9	58.3
54	48.8	39.8	59.6

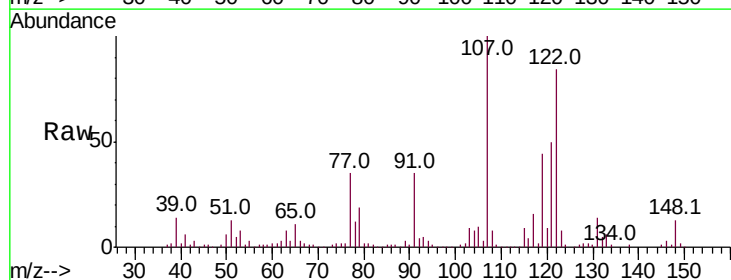


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

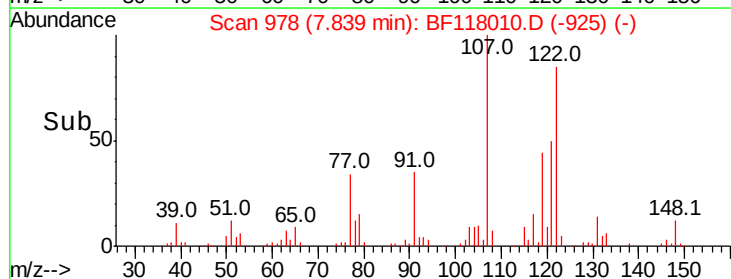
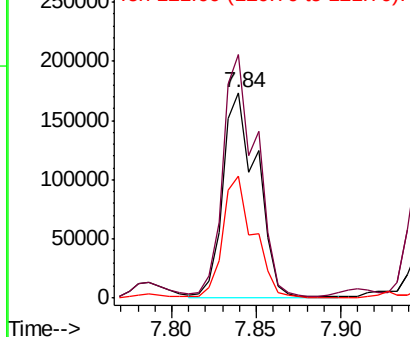


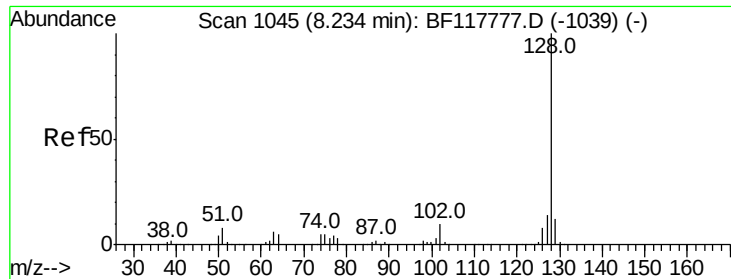
#27
2,4-Dimethylphenol
Concen: 38.126 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF118010.D
Acq: 26 Nov 2019 16:37

Tgt Ion	122	Resp	246344
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
107	118.6	90.0	135.0
121	59.6	46.7	70.1



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





#31

Naphthalene

Concen: 141.918 ng

RT: 8.22 min Scan# 1043

Delta R.T. 0.02 min

Lab File: BF118010.D

Acq: 26 Nov 2019 16:37

Instrument :

BNA_F

ClientSampleId :

MW-6

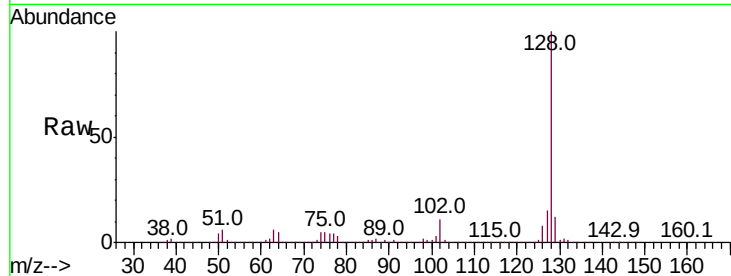
Tot Ion:128 Resp: 3256986

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

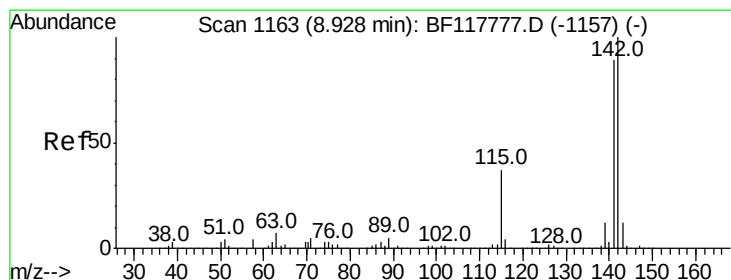
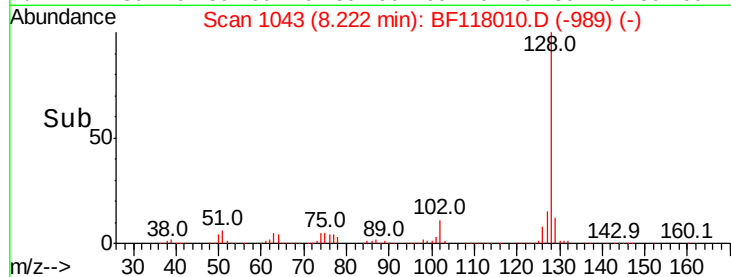
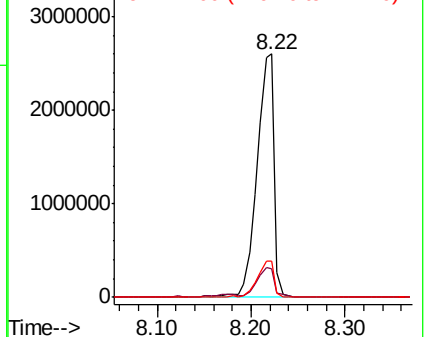
127 14.8 11.3 16.9



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



#37

2-Methylnaphthalene

Concen: 53.628 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF118010.D

Acq: 26 Nov 2019 16:37

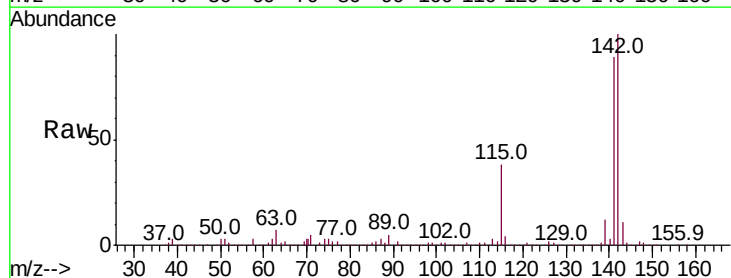
Tgt Ion:142 Resp: 831579

Ion Ratio Lower Upper

142 100

141 89.3 71.1 106.7

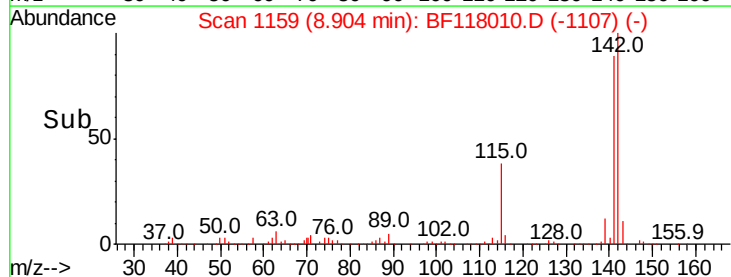
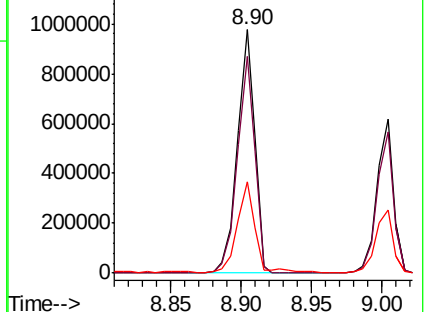
115 37.6 29.2 43.8

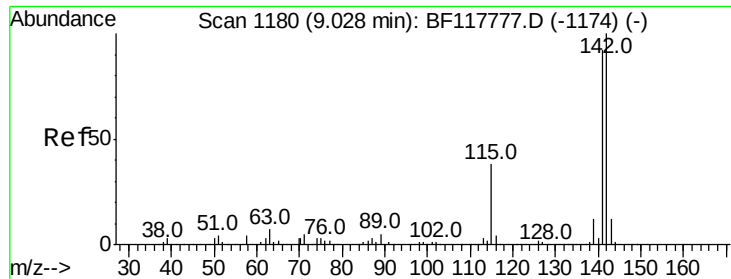


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

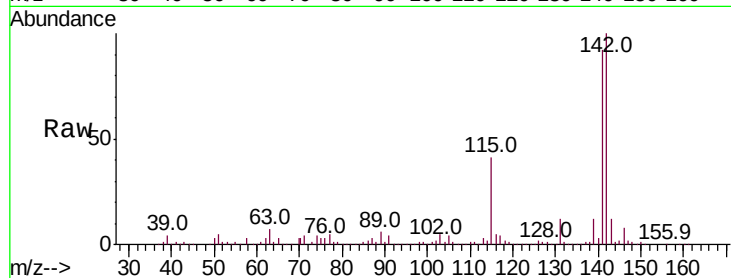




#38
1-Methylnaphthalene
Concen: 34.247 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BF118010.D
Acq: 26 Nov 2019 16:37

Instrument :
BNA_F
ClientSampleId :
MW-6

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.5	110.3
116	4.7	3.2	4.8

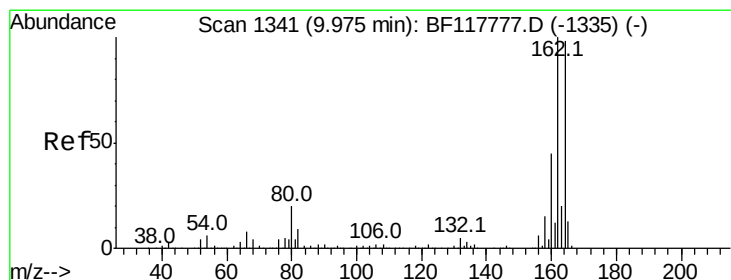
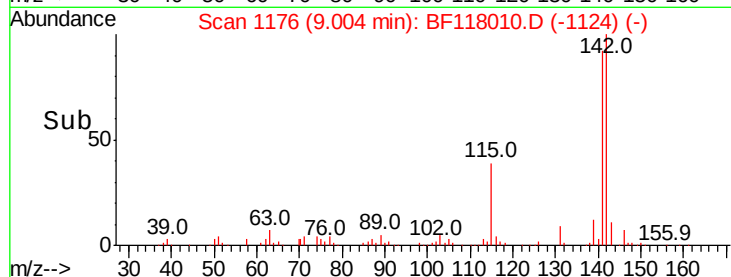
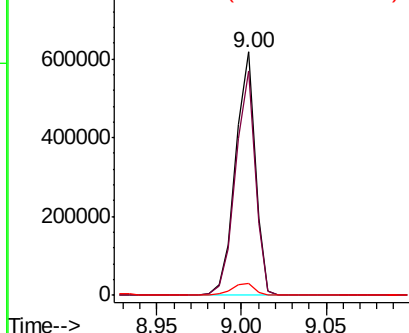


Abundance

Ion 142.00 (141.70 to 142.70): E

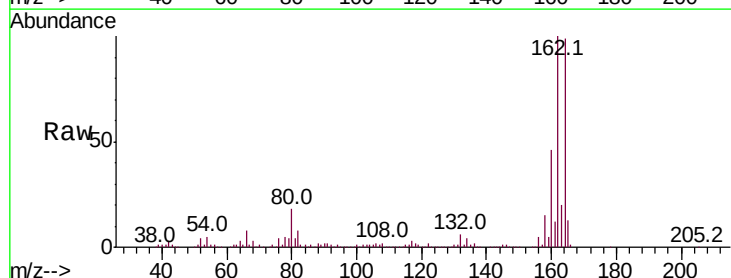
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF118010.D
Acq: 26 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.3	121.9
160	46.2	36.6	55.0

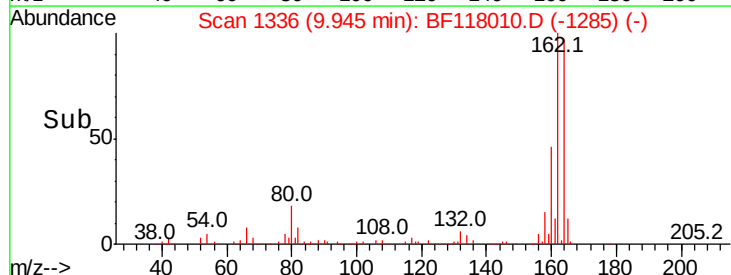
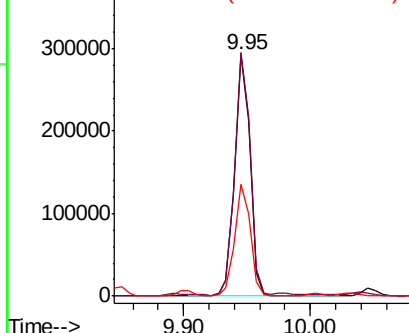


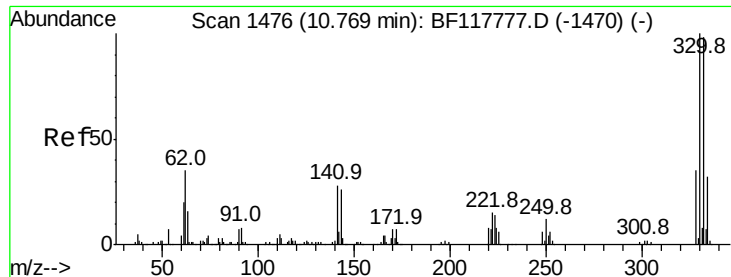
Abundance

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

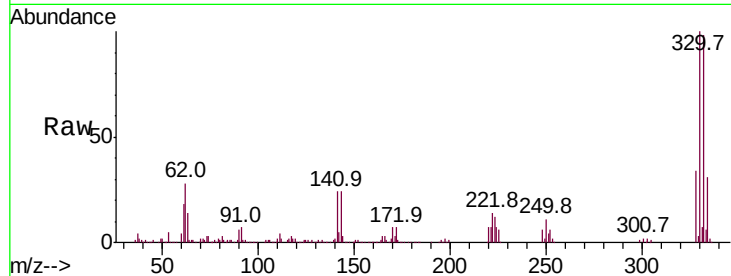




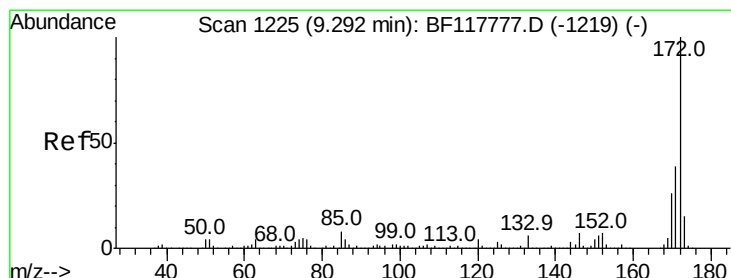
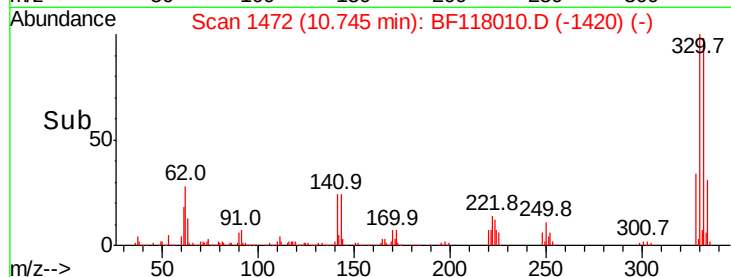
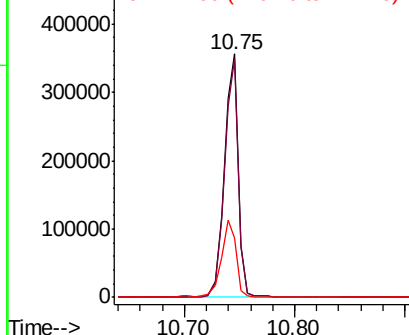
#42
2,4,6-Tribromophenol
Concen: 122.587 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.01 min
Lab File: BF118010.D
Acq: 26 Nov 2019 16:37

Instrument :
BNA_F
ClientSampleId :
MW-6

Tot Ion:330 Resp: 314251
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 33.2 27.7 41.5

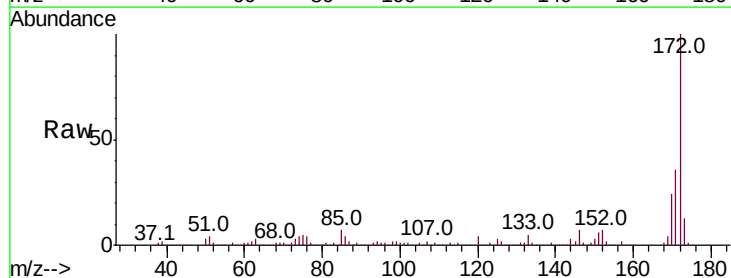


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

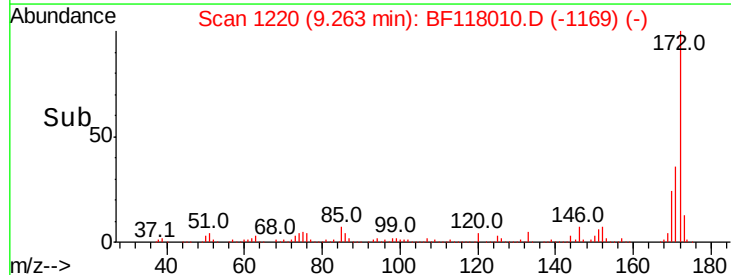
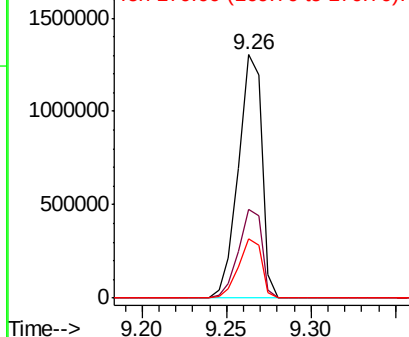


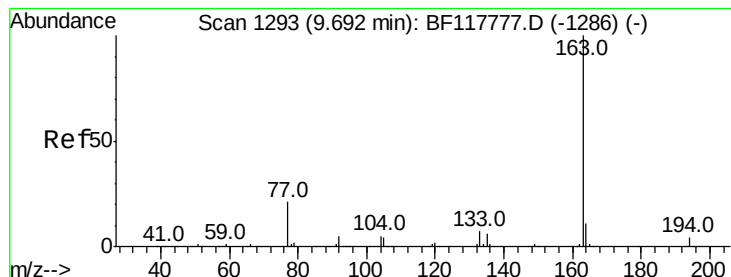
#45
2-Fluorobiphenyl
Concen: 94.048 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF118010.D
Acq: 26 Nov 2019 16:37

Tgt Ion:172 Resp: 1269350
Ion Ratio Lower Upper
172 100
171 36.2 30.9 46.3
170 24.4 21.0 31.4



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





#50

Dimethylphthalate

Concen: 21.523 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF118010.D

Acq: 26 Nov 2019 16:37

Instrument :

BNA_F

ClientSampleId :

MW-6

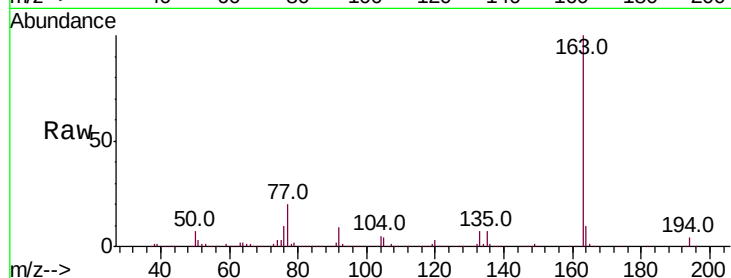
Tot Ion:163 Resp: 365447

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

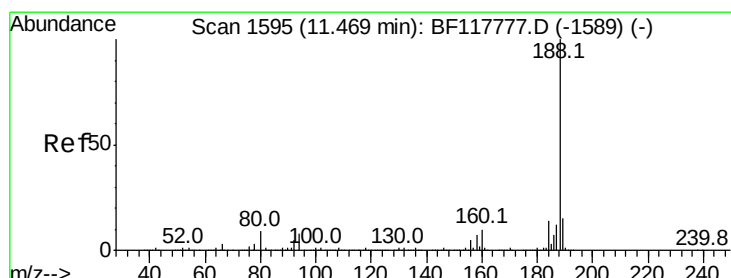
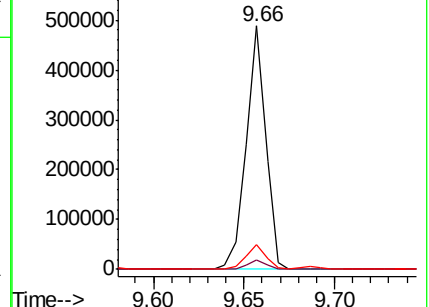
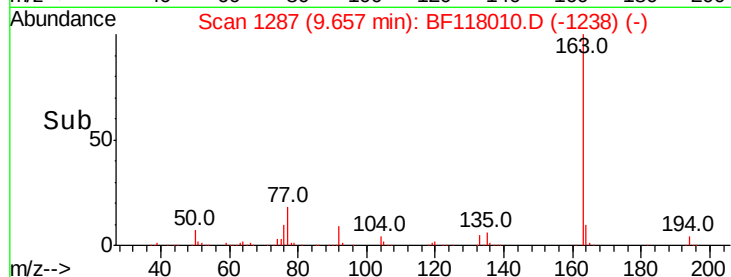
164 10.4 8.7 13.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF118010.D

Acq: 26 Nov 2019 16:37

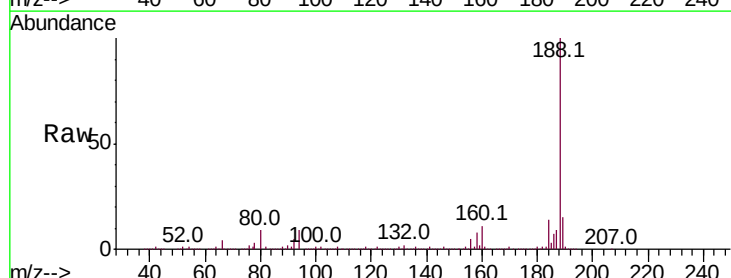
Tgt Ion:188 Resp: 395354

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

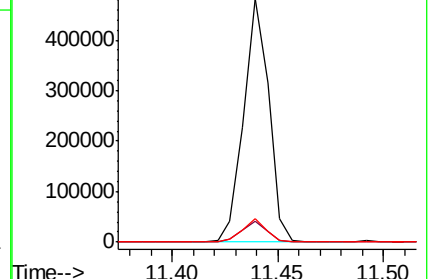
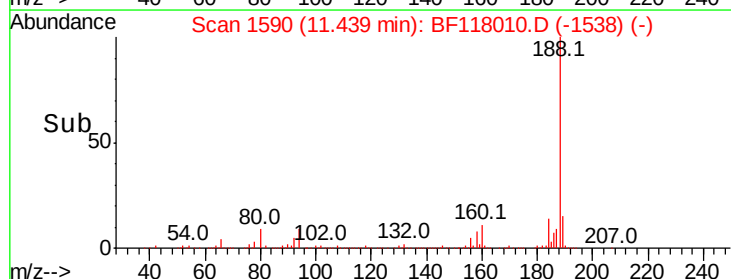
80 9.5 7.2 10.8

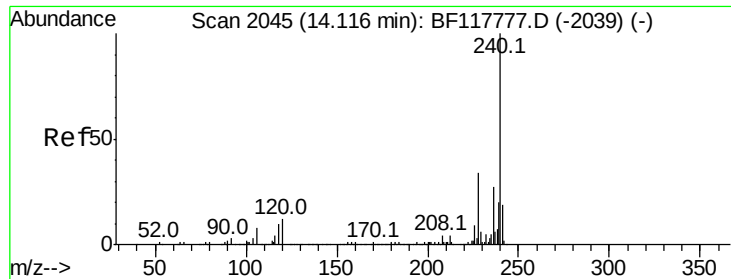


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BF118010.D

Acq: 26 Nov 2019 16:37

Instrument :

BNA_F

ClientSampleId :

MW-6

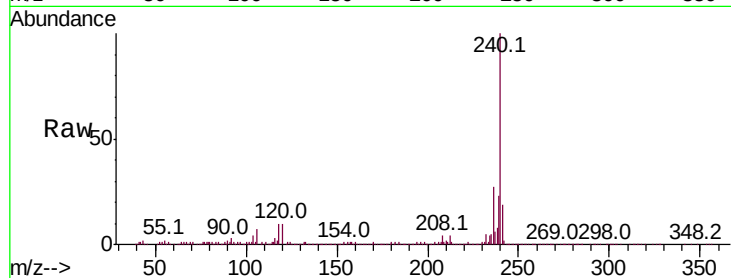
Tot Ion:240 Resp: 309307

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

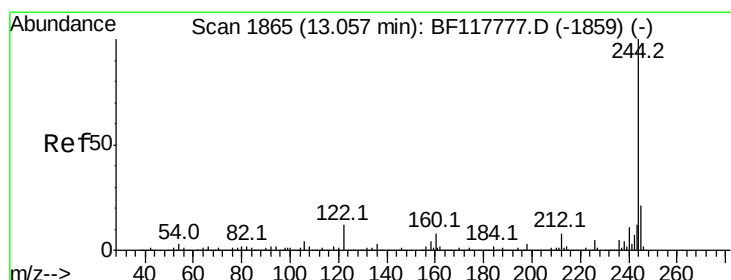
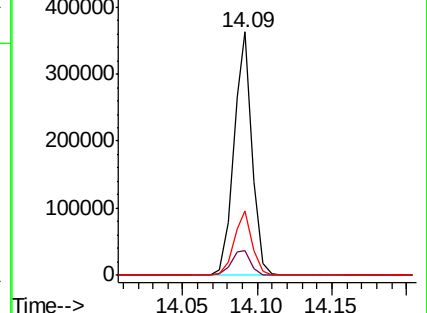
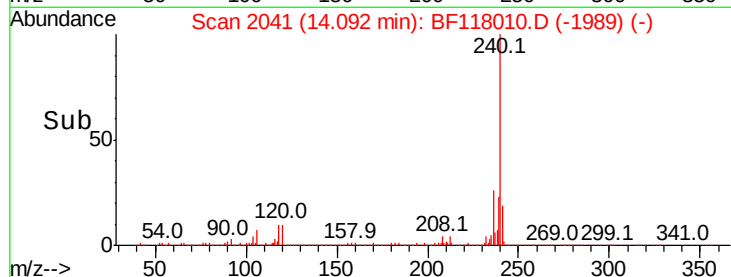
236 26.5 21.3 31.9



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



#79

Terphenyl-d14

Concen: 80.465 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.01 min

Lab File: BF118010.D

Acq: 26 Nov 2019 16:37

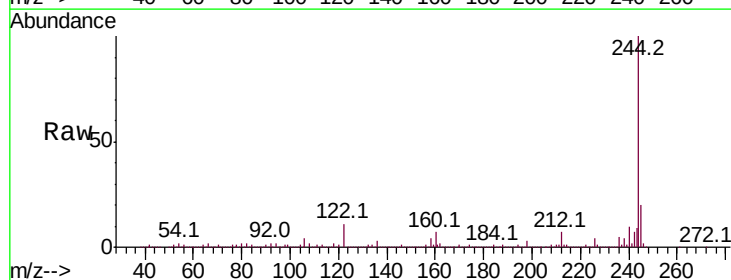
Tgt Ion:244 Resp: 1361801

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

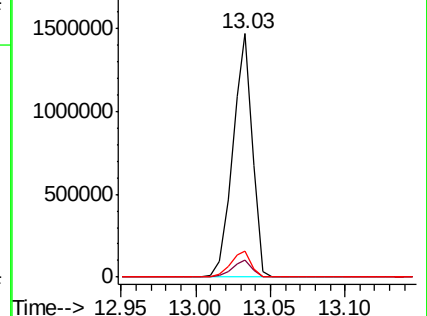
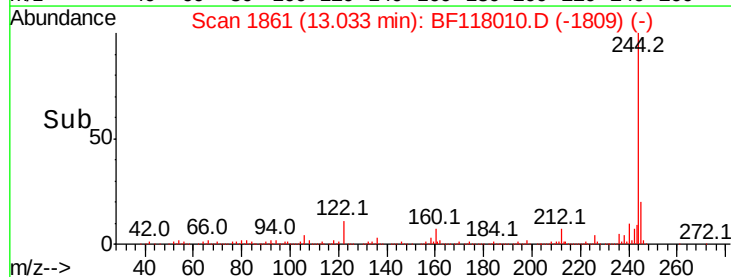
122 10.9 9.4 14.2

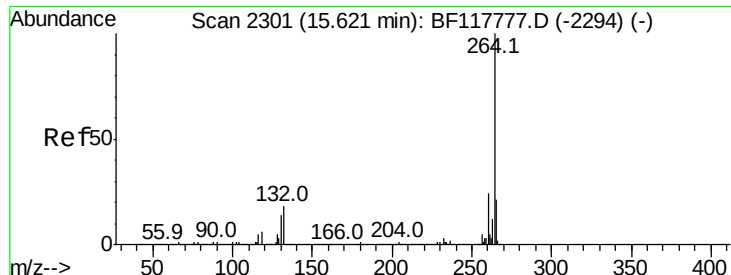


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

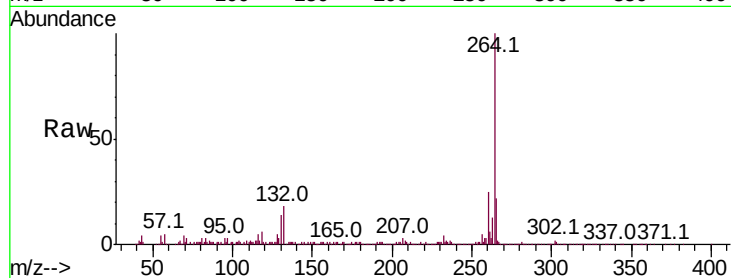




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.60 min Scan# 2297
 Delta R.T. 0.02 min
 Lab File: BF118010.D
 Acq: 26 Nov 2019 16:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.0	17.1	25.7



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

