

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106335.D
 Acq On : 12 Jun 2018 10:19
 Operator : JU/SJ
 Sample : J3398-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-31

Quant Time: Jun 12 11:48:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

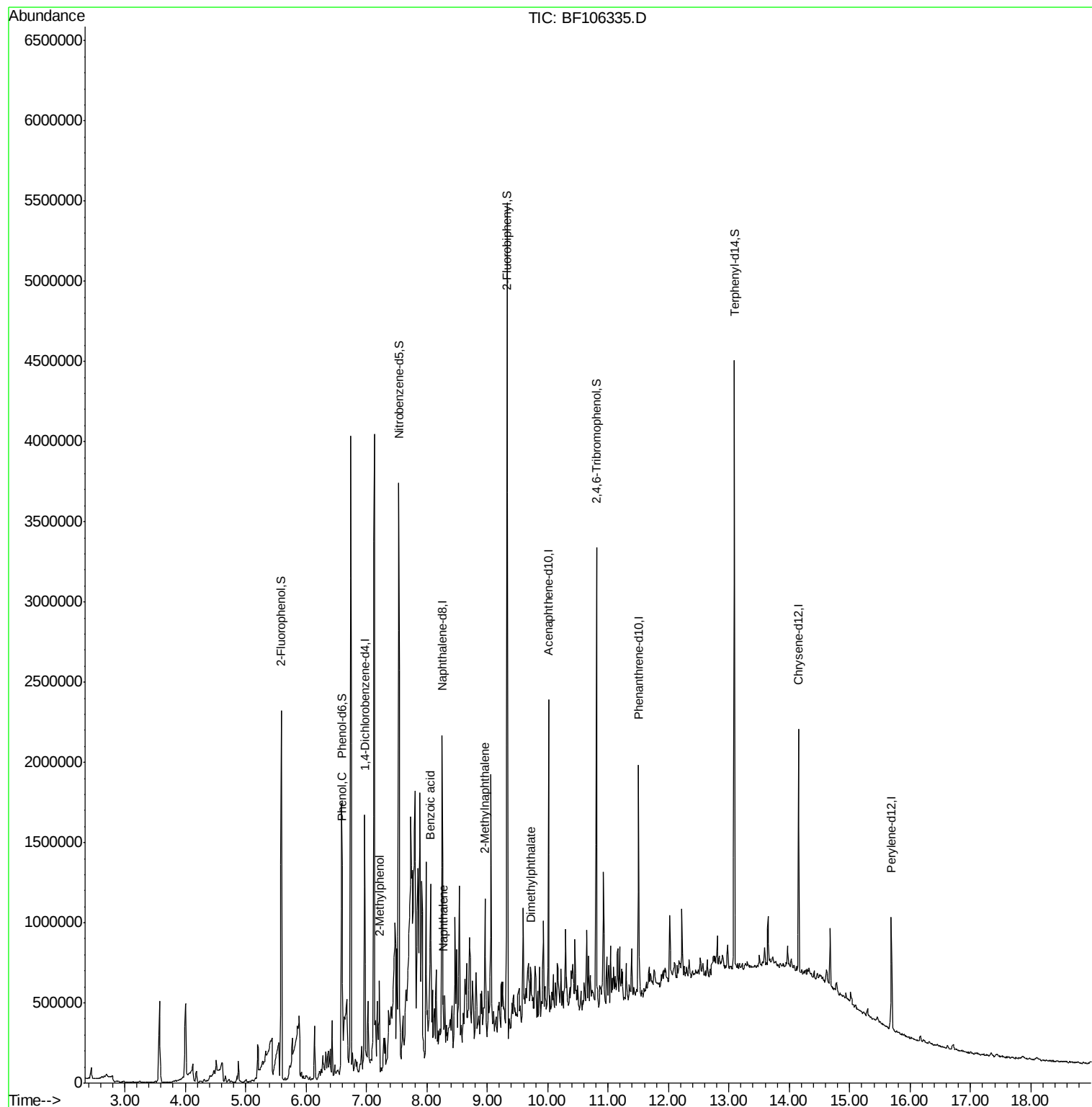
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	212500	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	766945	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	329828	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	524520	20.00	ng	0.00
75) Chrysene-d12	14.15	240	508398	20.00	ng	0.00
86) Perylene-d12	15.69	264	344681	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	655124	52.18	ng	0.00
7) Phenol-d6	6.59	99	520410	32.81	ng	0.00
23) Nitrobenzene-d5	7.54	82	1107312	84.94	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	400032	126.05	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1711216	95.86	ng	0.00
78) Terphenyl-d14	13.09	244	1390825	67.95	ng	0.00
Target Compounds						
10) Phenol	6.60	94	75676	4.370	ng	96
17) 2-Methylphenol	7.21	107	48650	4.039	ng	# 87
31) Naphthalene	8.28	128	78533	2.265	ng	# 95
32) Benzoic acid	8.07	122	218786	30.627	ng	90
37) 2-Methylnaphthalene	8.97	142	131108	5.552	ng	97
49) Dimethylphthalate	9.72	163	86056	3.652	ng	# 97

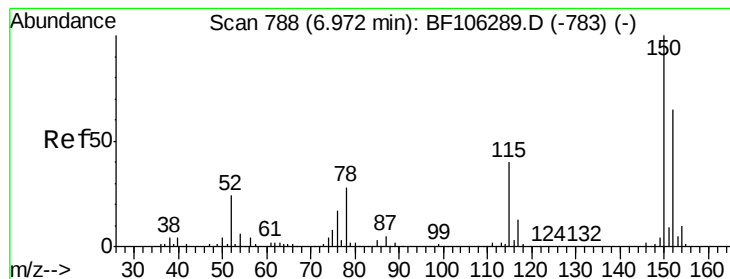
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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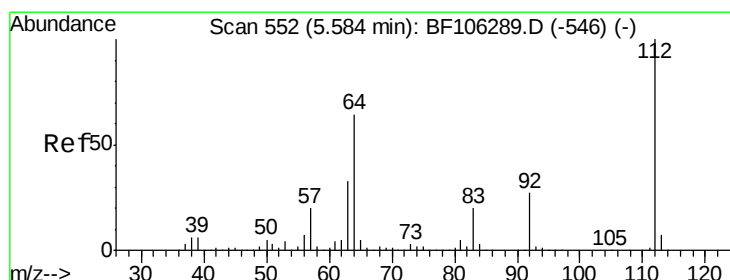
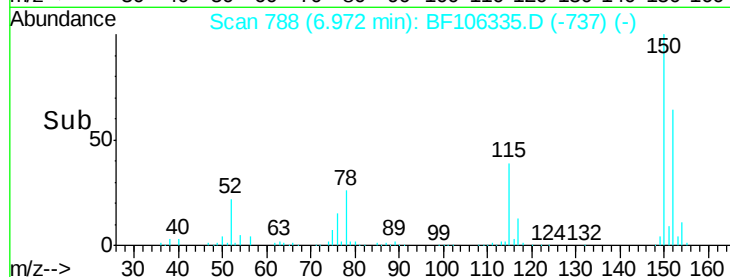
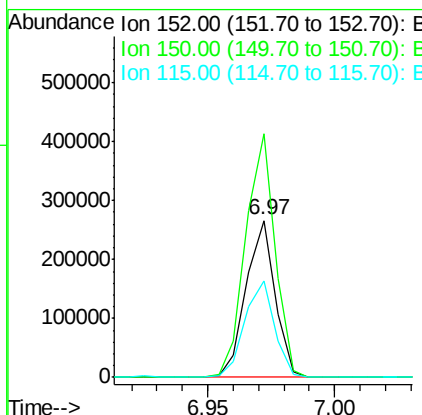
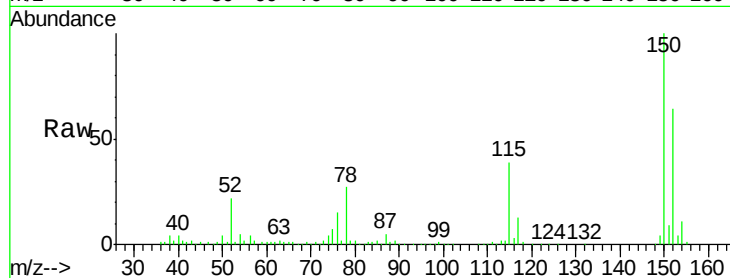


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampled :
W-31

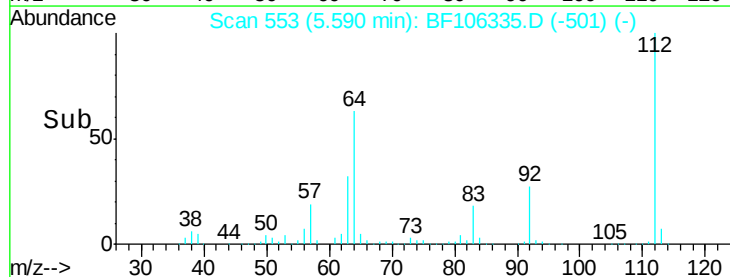
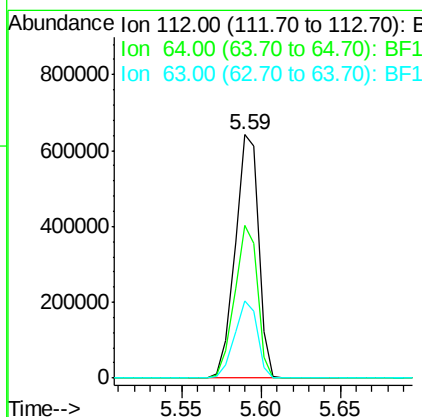
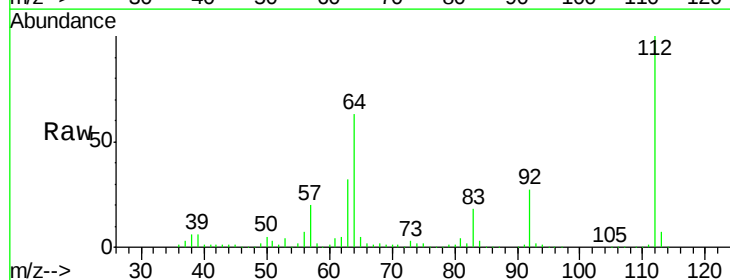
Tot Ion:152 Resp: 212500
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 61.1 50.1 75.1

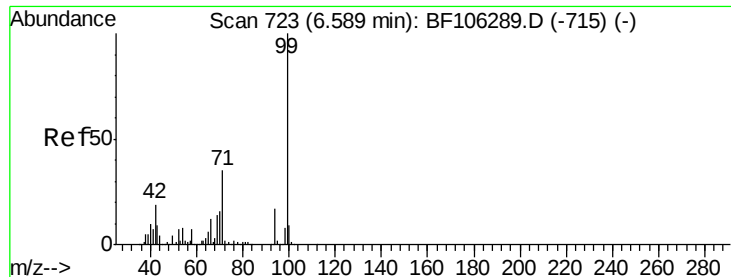


#5

2-Fluorophenol
Concen: 52.179 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion:112 Resp: 655124
Ion Ratio Lower Upper
112 100
64 62.8 47.9 71.9
63 31.5 23.7 35.5





#7

Phenol-d6

Concen: 32.807 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106335.D

Acq: 12 Jun 2018 10:19

Instrument :

BNA_F

ClientSampleId :

W-31

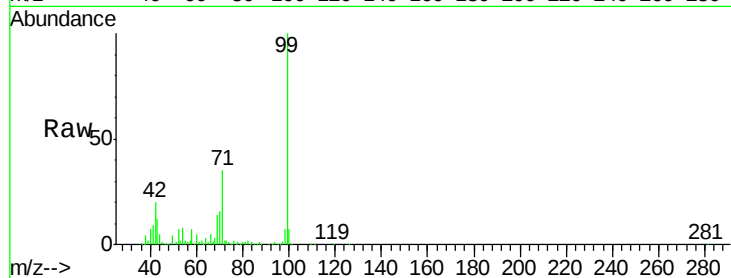
Tot Ion: 99 Resp: 520410

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

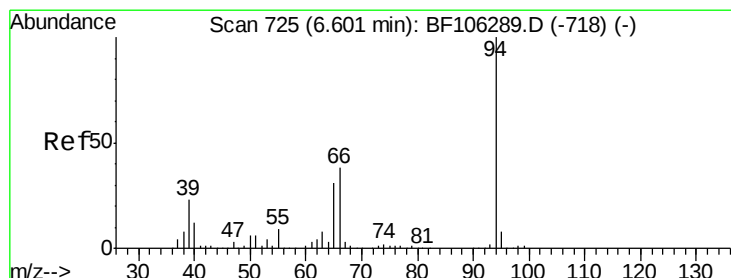
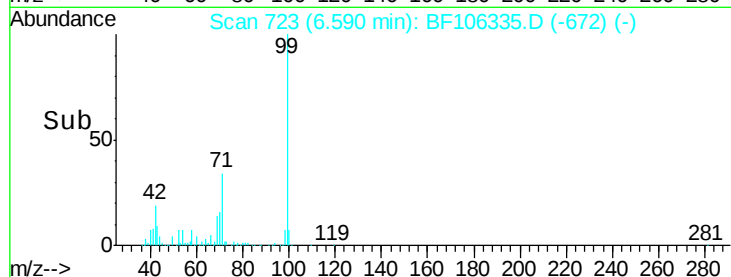
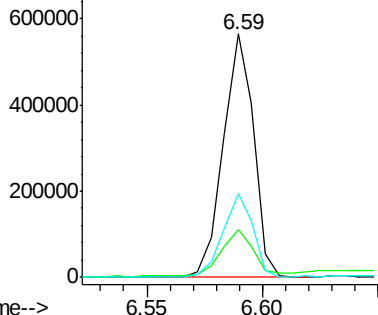
71 34.6 25.4 38.0



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: 4.370 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF106335.D

Acq: 12 Jun 2018 10:19

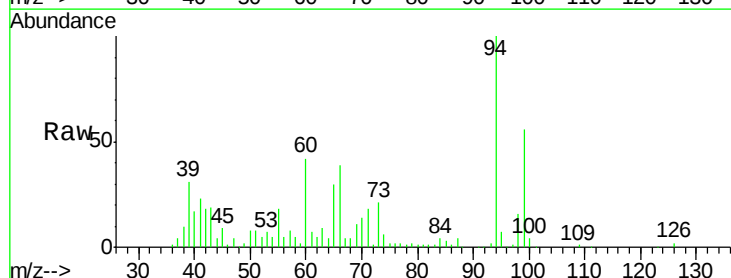
Tgt Ion: 94 Resp: 75676

Ion Ratio Lower Upper

94 100

65 29.6 7.9 47.9

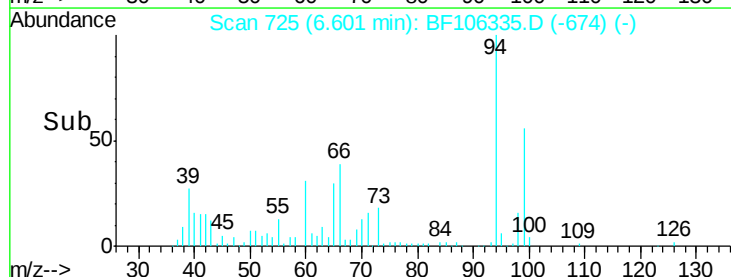
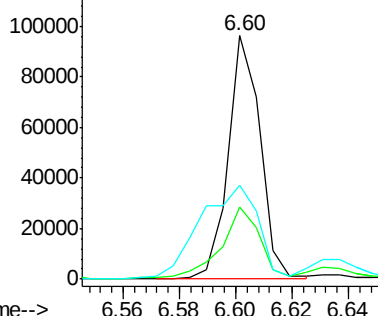
66 38.7 16.2 56.2

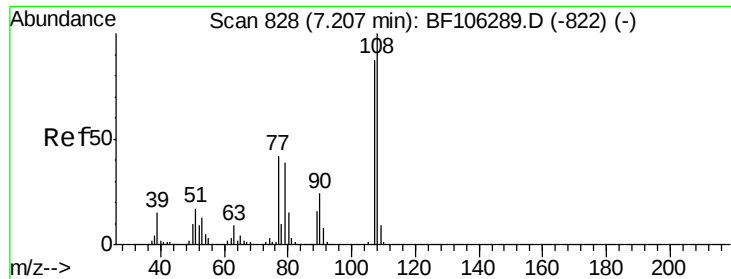


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

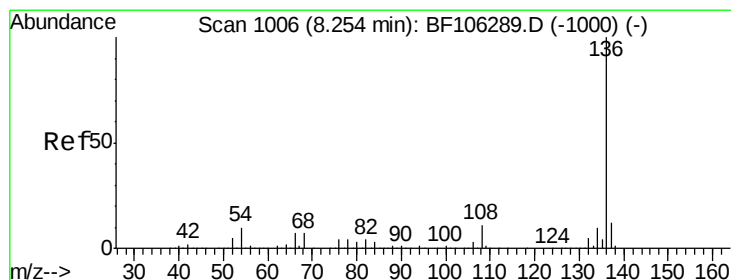
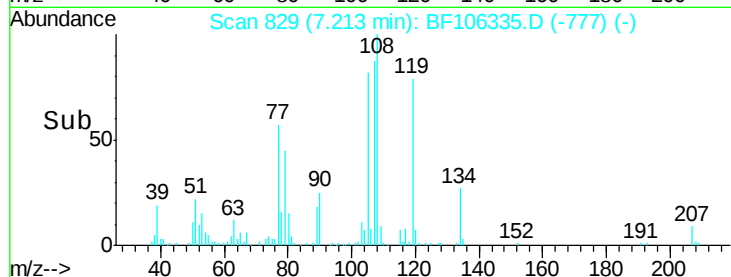
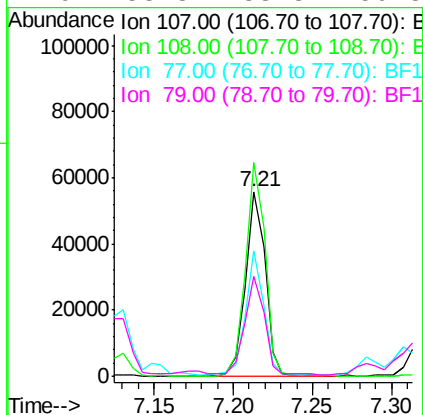
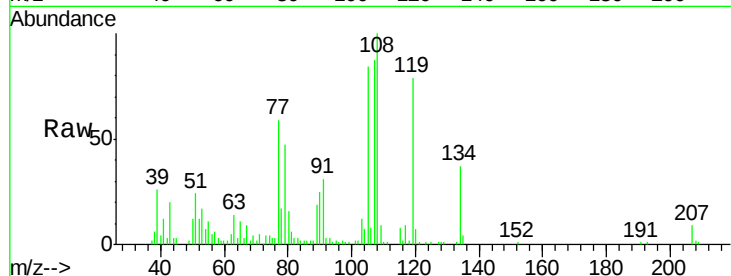




#17
2-Methylphenol
Concen: 4.039 ng
RT: 7.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

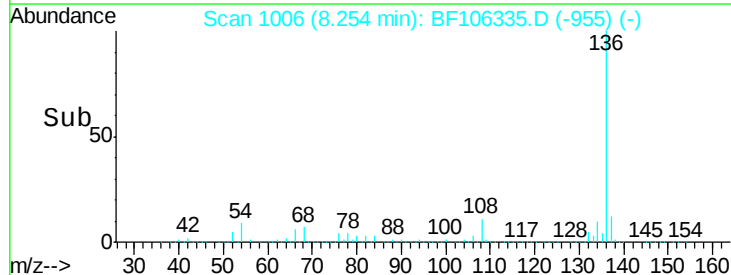
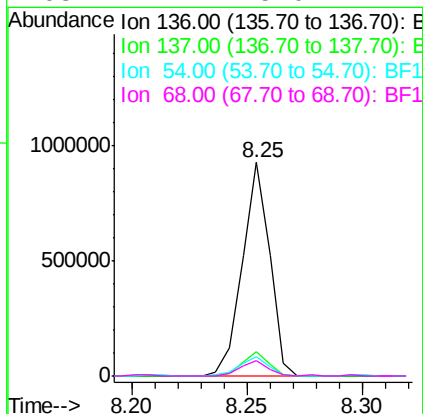
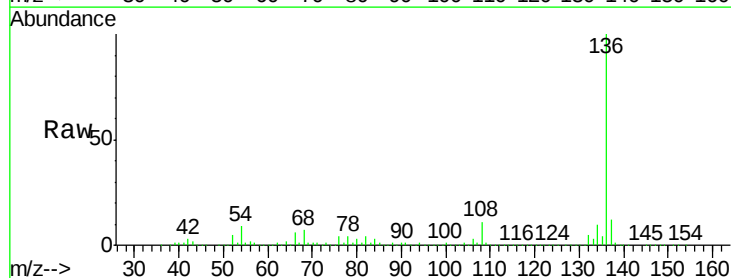
Instrument :
BNA_F
ClientSampled :
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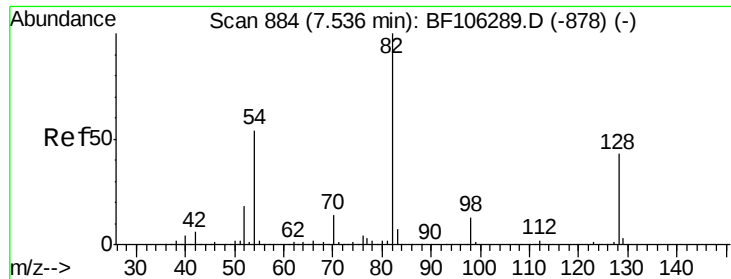
Tot Ion:107 Resp: 48650
Ion Ratio Lower Upper
107 100
108 115.5 91.7 137.5
77 67.8 33.8 50.8#
79 53.8 33.8 50.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion:136 Resp: 766945
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 9.2 6.6 9.8
68 7.1 5.0 7.4

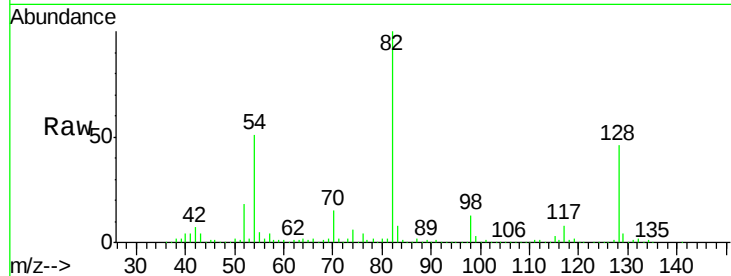




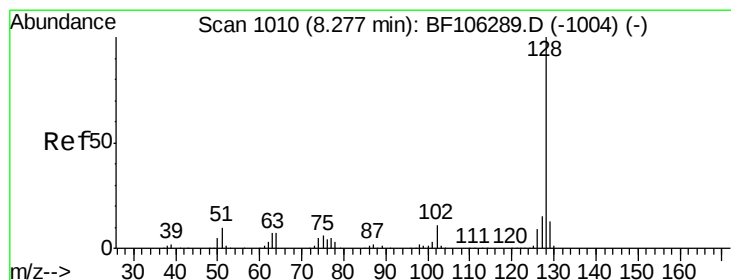
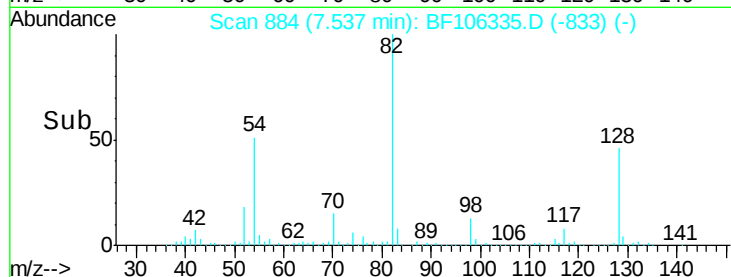
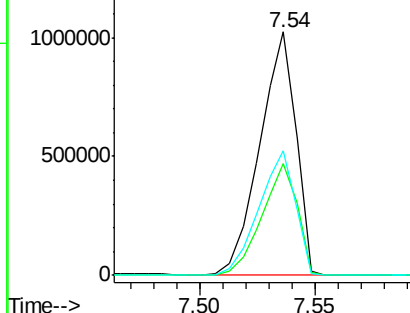
#23
Nitrobenzene-d5
Concen: 84.936 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampleId :
W-31

Tot Ion: 82 Resp: 1107312
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 51.1 41.4 62.2

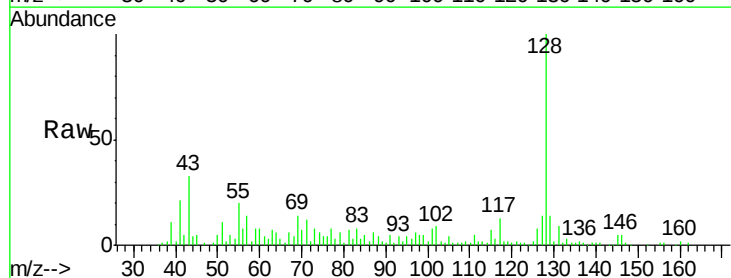


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

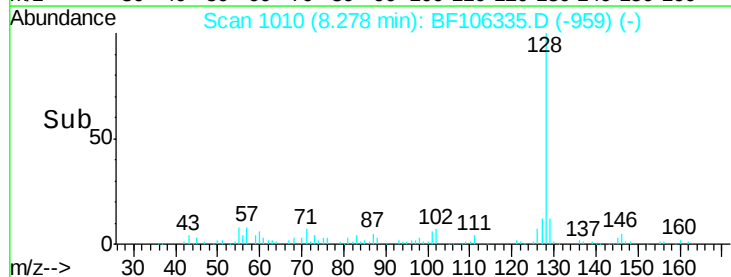
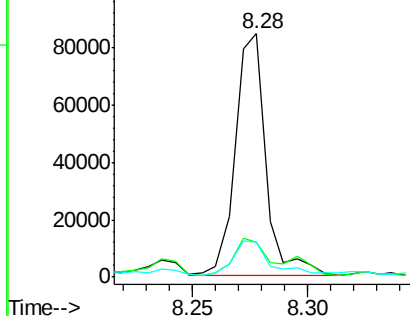


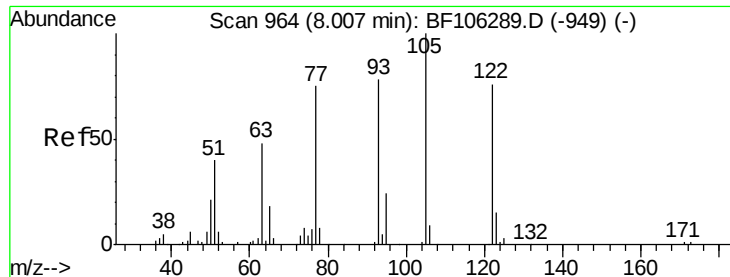
#31
Naphthalene
Concen: 2.265 ng
RT: 8.28 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion: 128 Resp: 78533
Ion Ratio Lower Upper
128 100
129 14.4 8.8 13.2#
127 14.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1





#32

Benzoic acid

Concen: 30.627 ng

RT: 8.07 min Scan# 974

Delta R.T. 0.06 min

Lab File: BF106335.D

Acq: 12 Jun 2018 10:19

Instrument :

BNA_F

ClientSampleId :

W-31

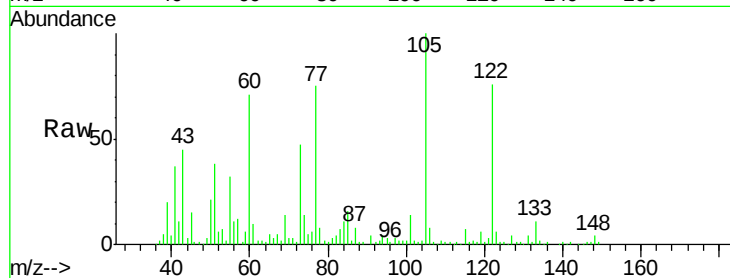
Tot Ion:122 Resp: 218786

Ion Ratio Lower Upper

122 100

105 132.2 101.1 141.1

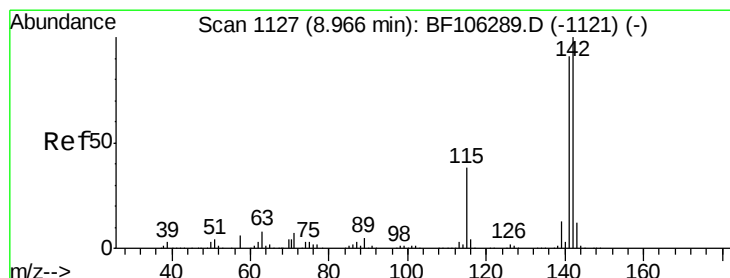
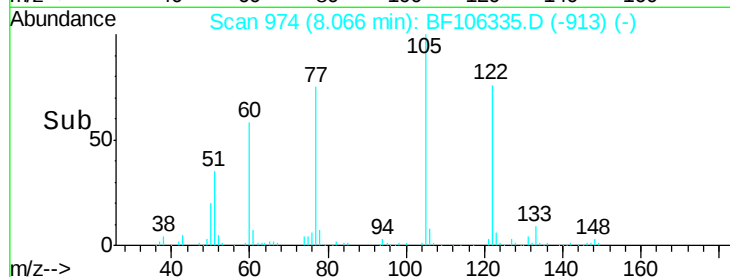
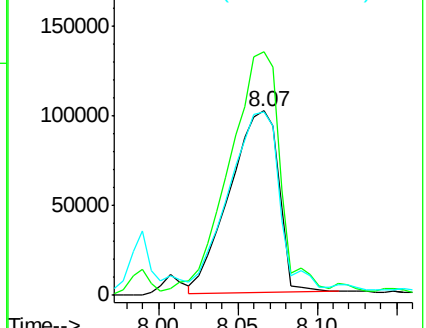
77 99.8 70.7 110.7



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



#37

2-Methylnaphthalene

Concen: 5.552 ng

RT: 8.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF106335.D

Acq: 12 Jun 2018 10:19

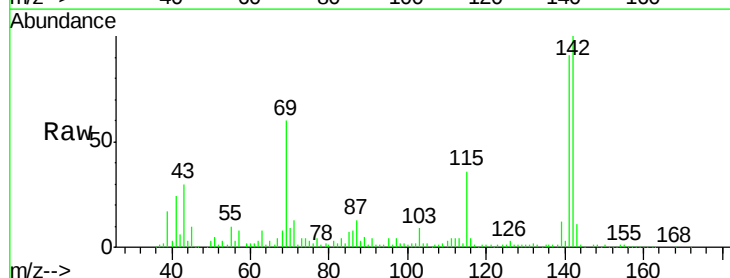
Tgt Ion:142 Resp: 131108

Ion Ratio Lower Upper

142 100

141 90.7 70.8 106.2

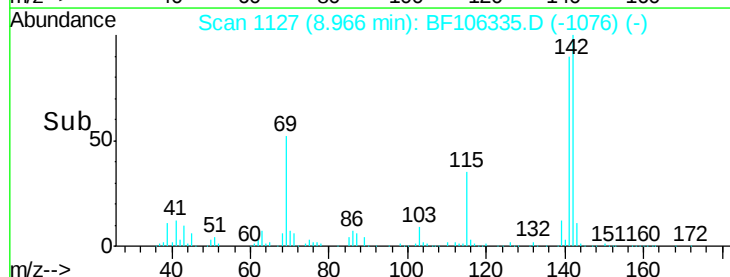
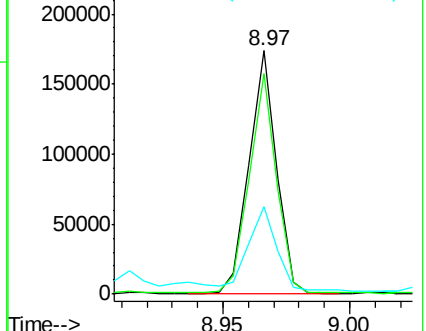
115 36.1 26.1 39.1

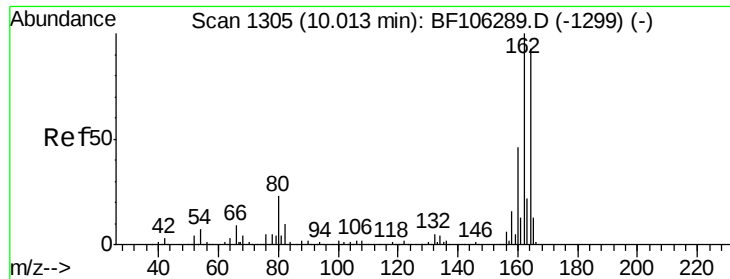


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

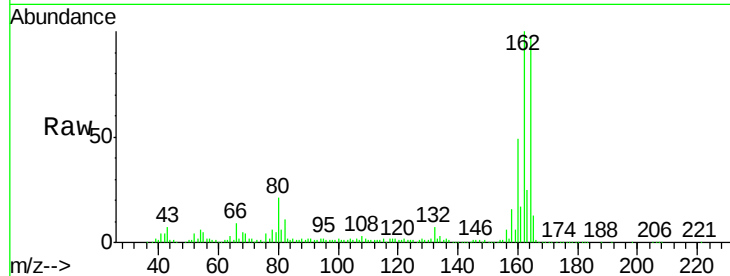




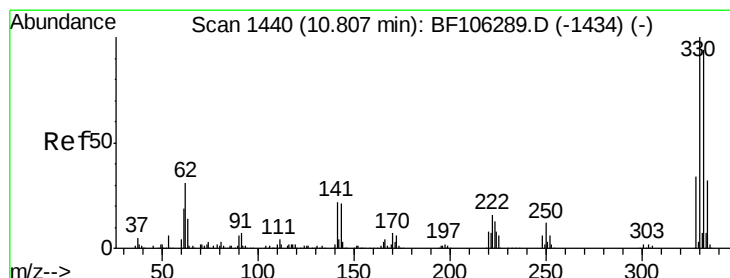
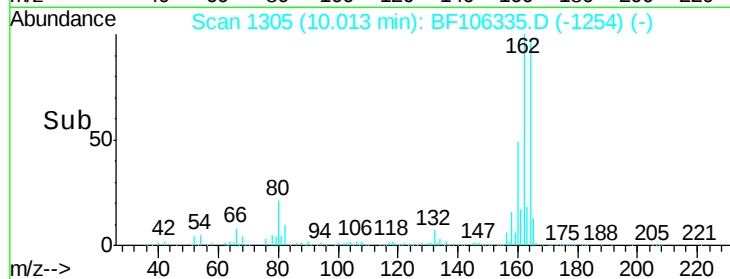
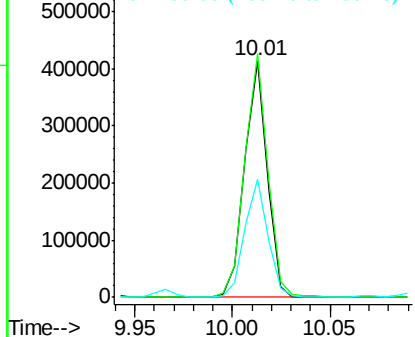
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampleId :
W-31

Tot Ion:164 Resp: 329828
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 50.2 38.3 57.5

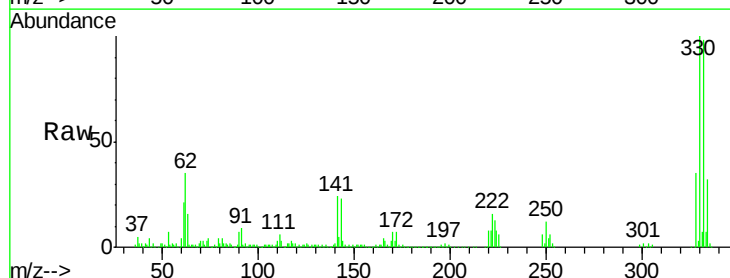


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

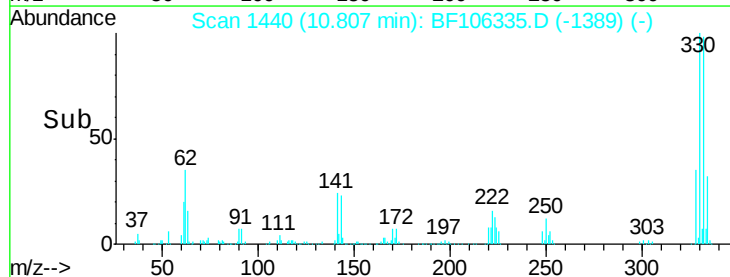
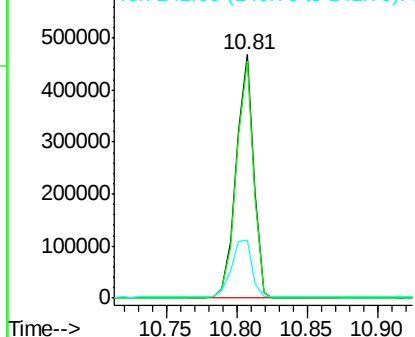


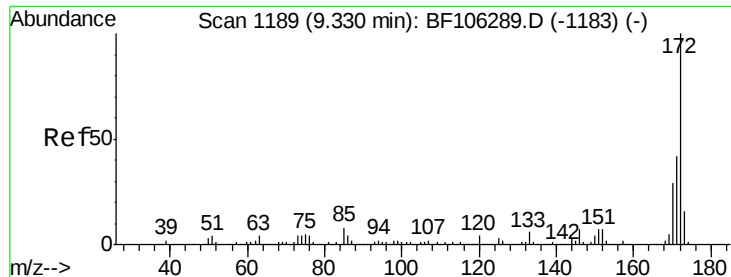
#41
2,4,6-Tribromophenol
Concen: 126.053 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion:330 Resp: 400032
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 27.0 29.9 44.9#



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

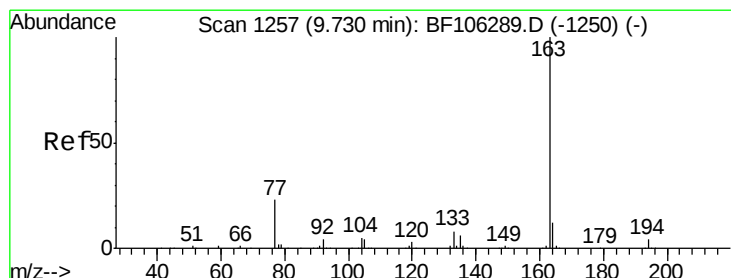
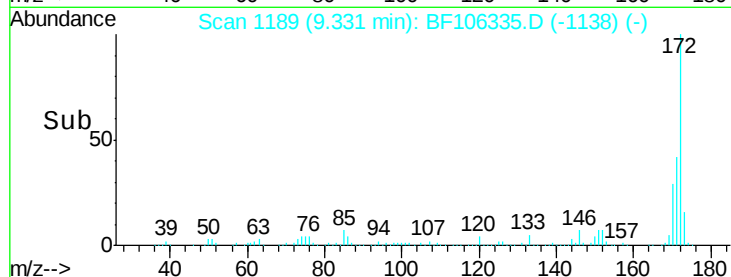
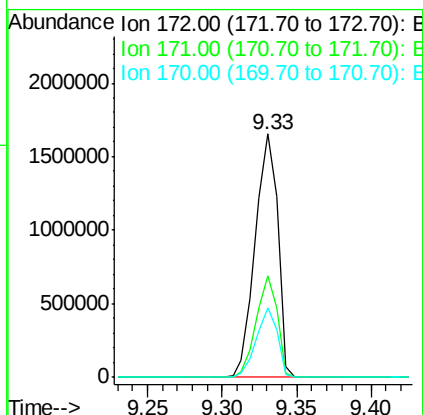
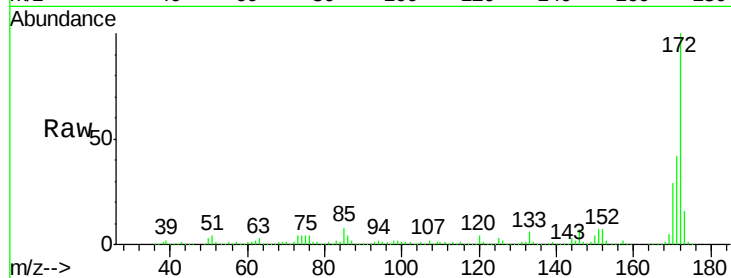




#44
2-Fluorobiphenyl
Concen: 95.864 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

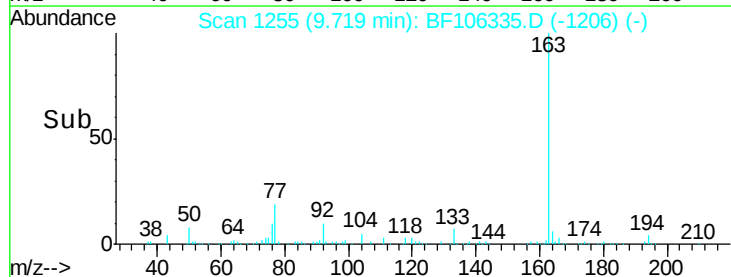
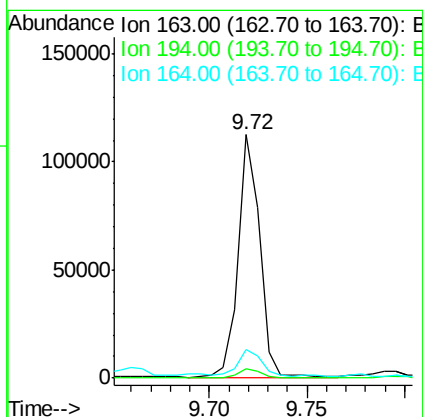
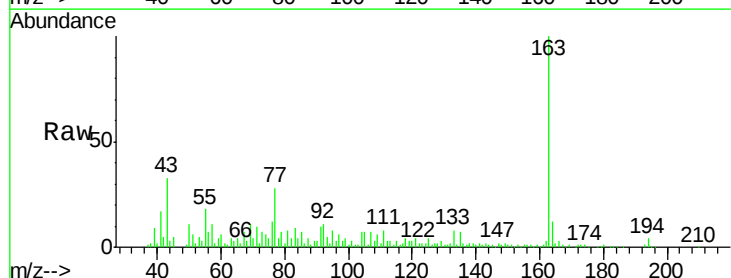
Instrument :
BNA_F
ClientSampleId :
W-31

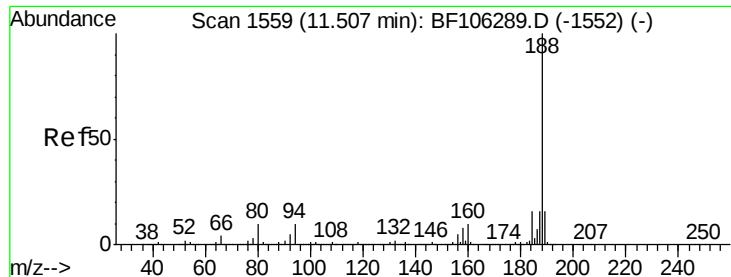
Tot Ion:172 Resp: 1711216
Ion Ratio Lower Upper
172 100
171 41.8 29.7 44.5
170 28.7 19.6 29.4



#49
Dimethylphthalate
Concen: 3.652 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion:163 Resp: 86056
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 11.6 8.2 12.2

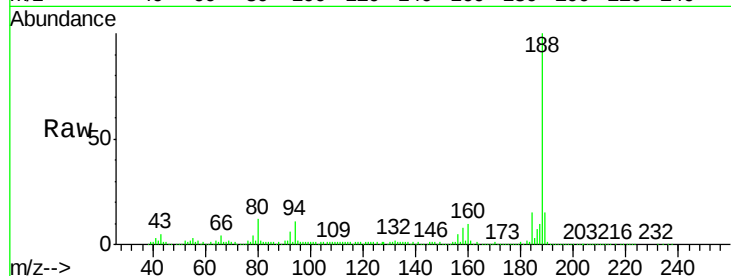




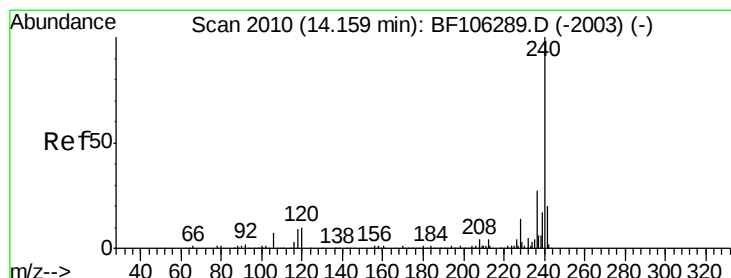
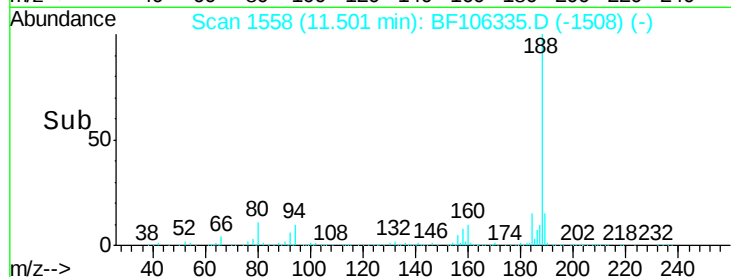
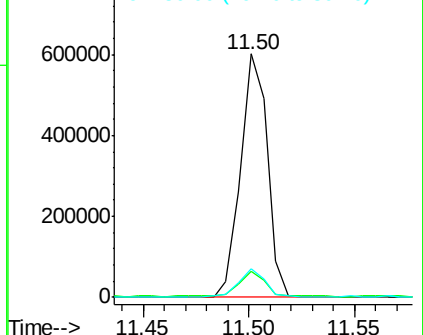
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Instrument :
BNA_F
ClientSampleId :
W-31

Tot Ion:188 Resp: 524520
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.6 9.2 13.8

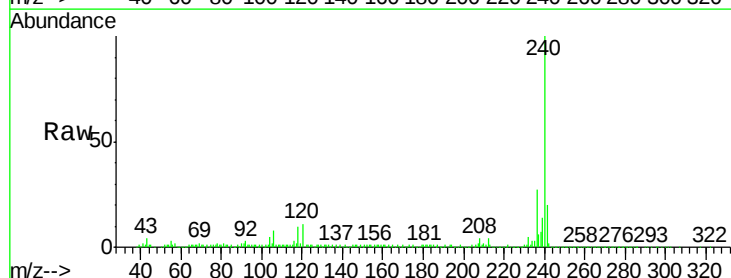


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

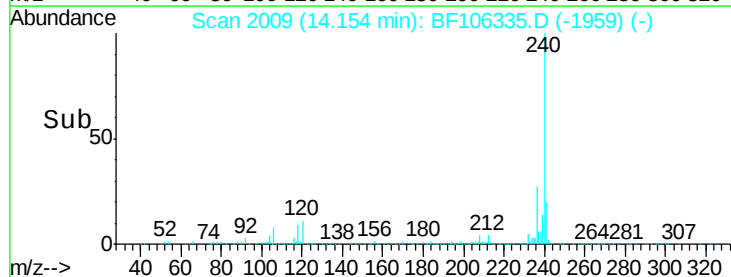
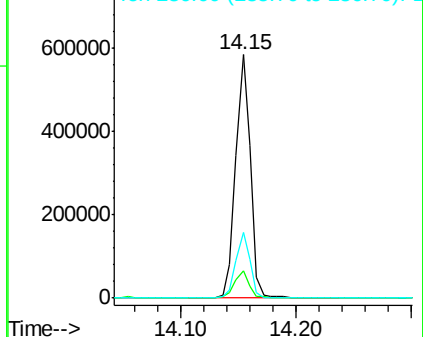


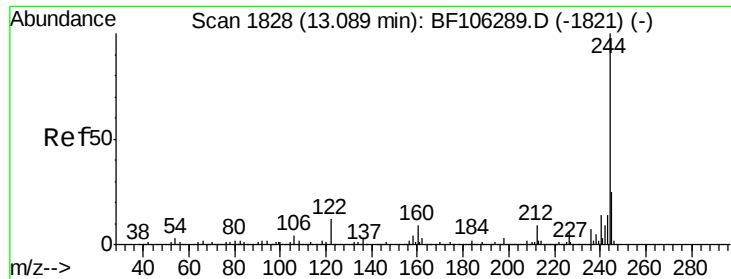
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106335.D
Acq: 12 Jun 2018 10:19

Tgt Ion:240 Resp: 508398
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 26.8 20.7 31.1



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





#78

Terphenyl-d14

Concen: 67.949 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106335.D

Acq: 12 Jun 2018 10:19

Instrument :

BNA_F

ClientSampleId :

W-31

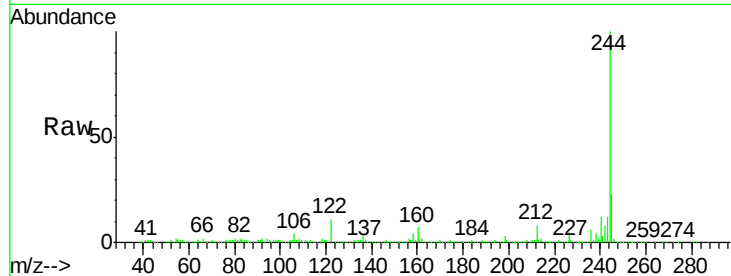
Tot Ion:244 Resp: 1390825

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

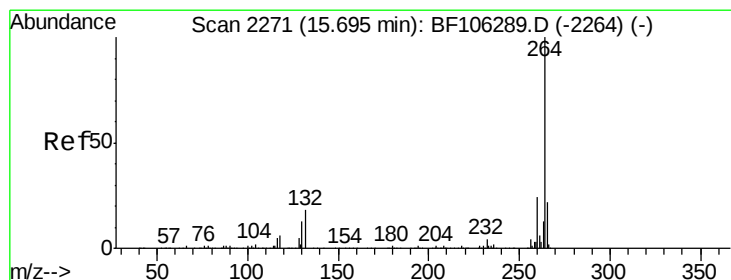
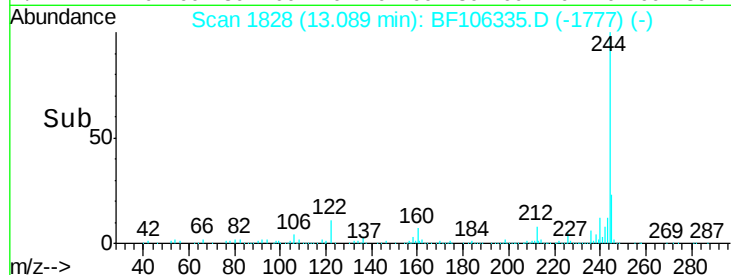
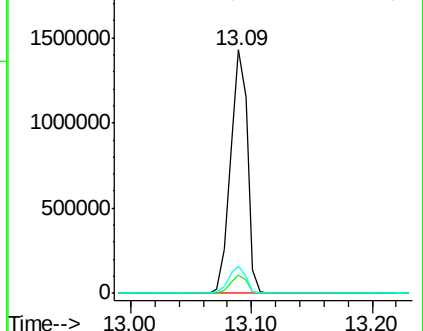
122 11.1 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF106335.D

Acq: 12 Jun 2018 10:19

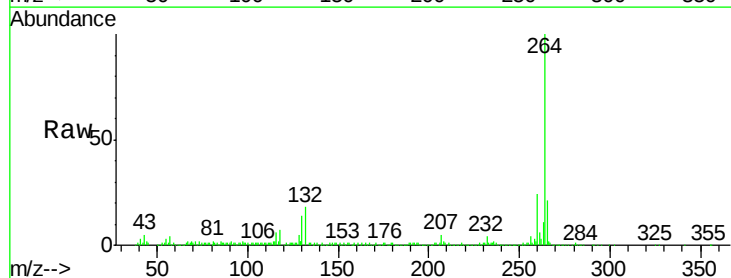
Tgt Ion:264 Resp: 344681

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.0 17.5 26.3



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

