

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
 Data File : BF103067.D
 Acq On : 16 Feb 2018 21:52
 Operator : SJ/JU
 Sample : J1559-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-NEAR-FUEL-STATION

Quant Time: Feb 17 00:09:20 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

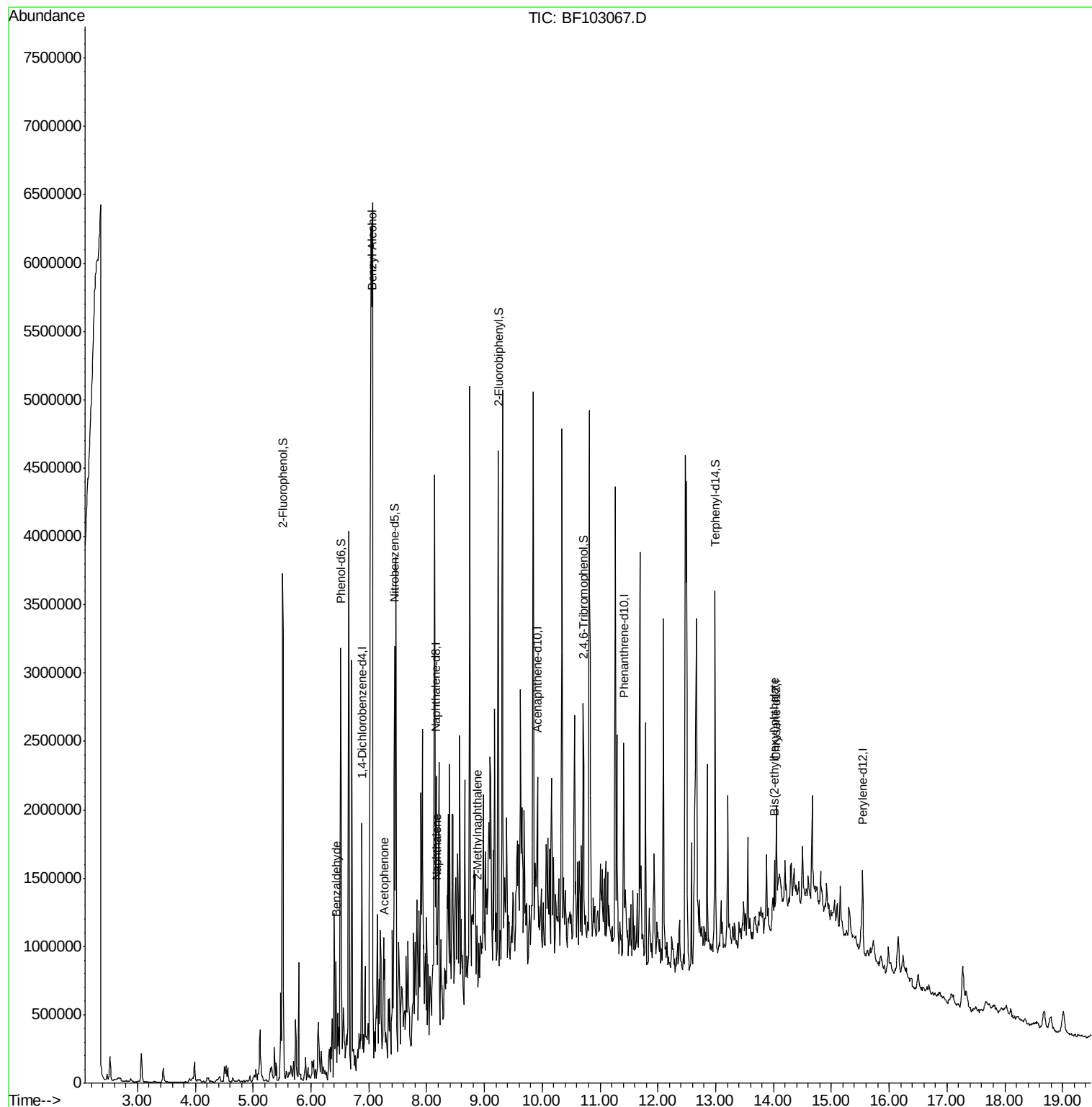
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	165709	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	654542	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	251625	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	370842	20.00	ng	0.00
75) Chrysene-d12	14.05	240	272696	20.00	ng	0.00
86) Perylene-d12	15.54	264	218580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1175867	107.76	ng	0.02
7) Phenol-d6	6.52	99	1294146	98.50	ng	0.00
23) Nitrobenzene-d5	7.45	82	909580	96.40	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	251037	123.95	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1371737	90.46	ng	0.00
78) Terphenyl-d14	12.99	244	1047277	90.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	100095	10.259	ng	Qvalue # 50
15) Benzyl Alcohol	7.06	79	2884769	285.593	ng	99
22) Acetophenone	7.27	105	124042	7.744	ng	# 61
31) Naphthalene	8.18	128	80921	2.530	ng	# 81
37) 2-Methylnaphthalene	8.87	142	93928	4.486	ng	96
83) Bis(2-ethylhexyl)phthalate	14.02	149	111860	8.539	ng	98

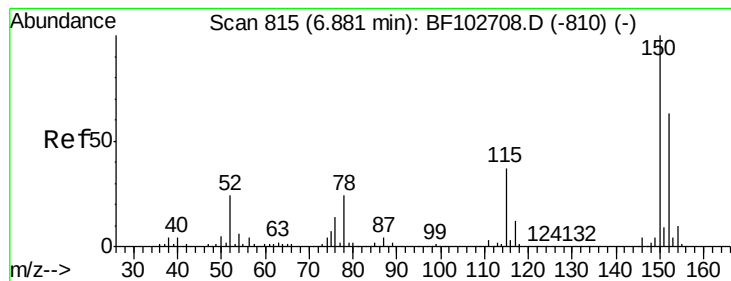
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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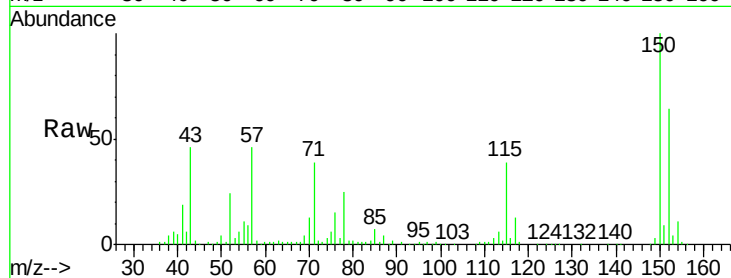


#1

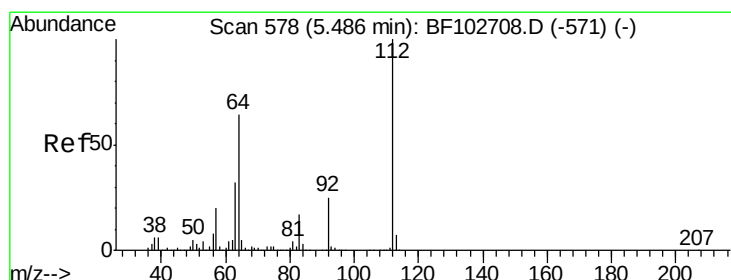
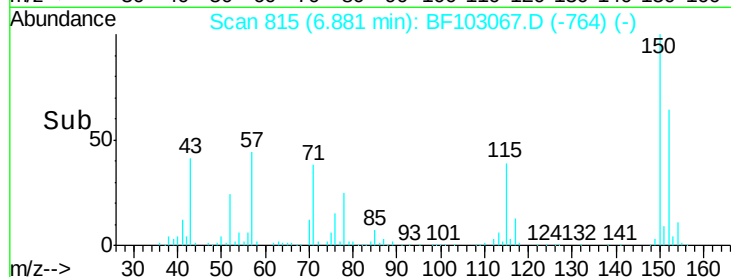
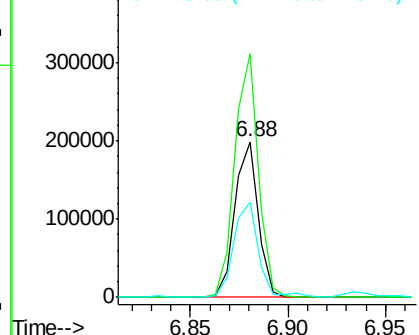
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103067.D
Acq: 16 Feb 2018 21:52

Instrument :
BNA_F
ClientSampleId :
OWS-NEAR-FUEL-STATION

Tgt Ion:152 Resp: 165709
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 60.8 50.1 75.1



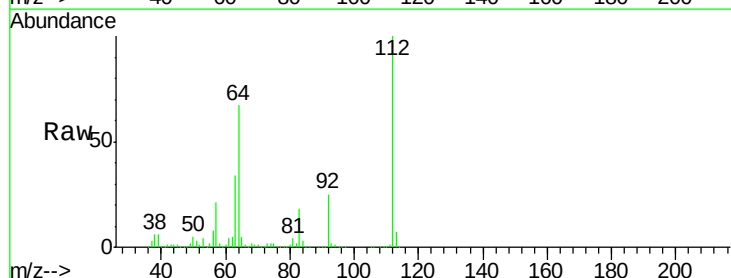
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



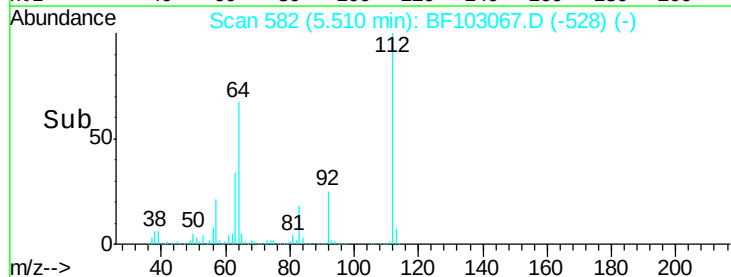
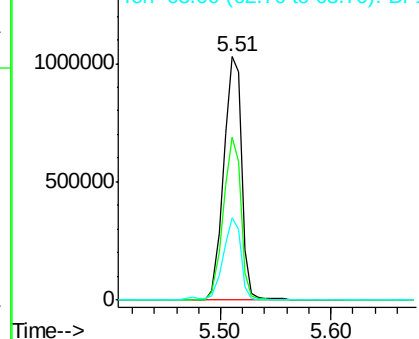
#5

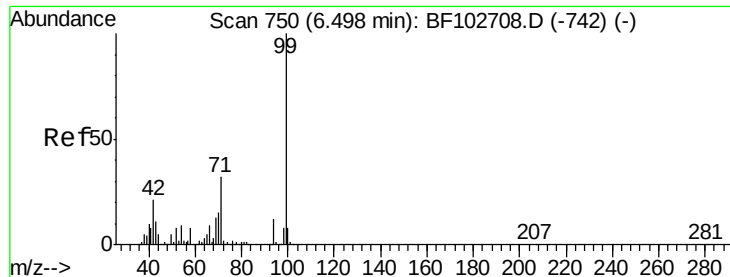
2-Fluorophenol
Concen: 107.764 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103067.D
Acq: 16 Feb 2018 21:52

Tgt Ion:112 Resp: 1175867
Ion Ratio Lower Upper
112 100
64 67.0 47.9 71.9
63 33.6 23.7 35.5



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: 98.503 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103067.D

Acq: 16 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

OWS-NEAR-FUEL-STATION

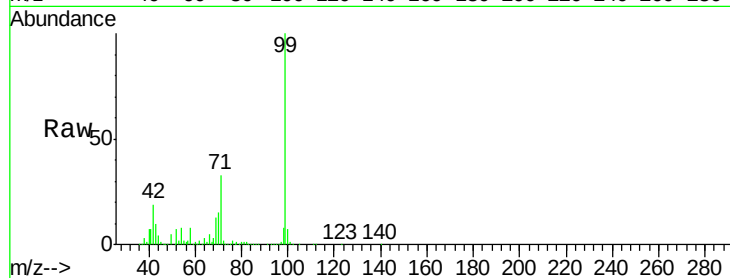
Tgt Ion: 99 Resp: 1294146

Ion Ratio Lower Upper

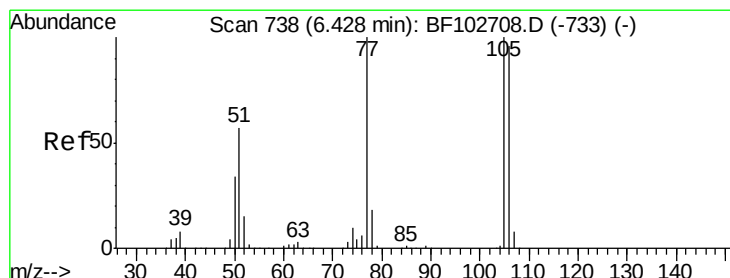
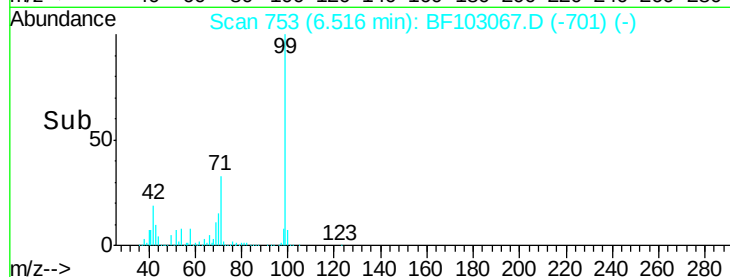
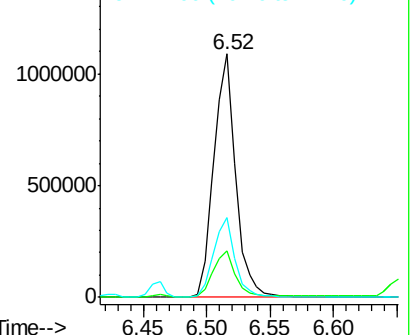
99 100

42 19.1 14.5 21.7

71 32.7 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



#9

Benzaldehyde

Concen: 10.259 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF103067.D

Acq: 16 Feb 2018 21:52

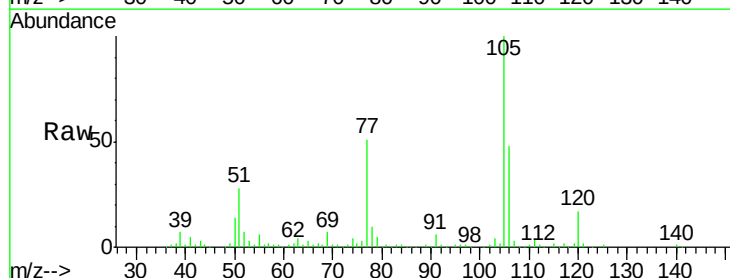
Tgt Ion: 77 Resp: 100095

Ion Ratio Lower Upper

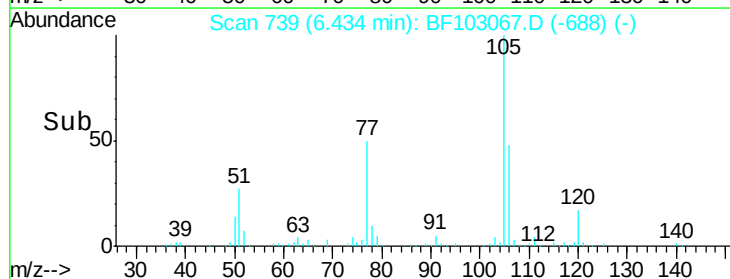
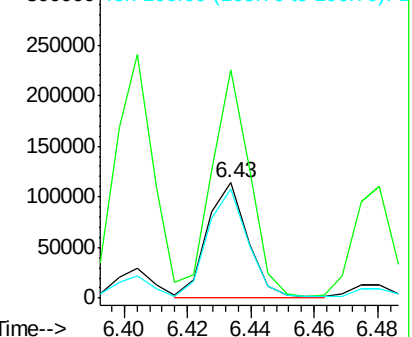
77 100

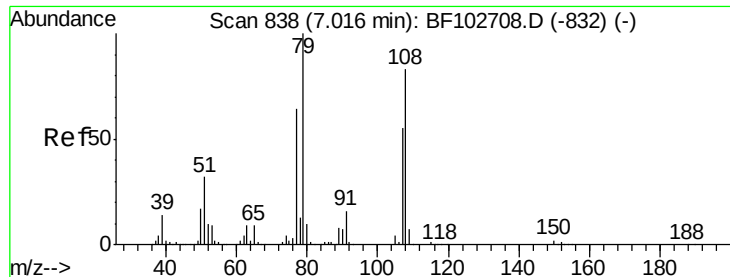
105 197.8 81.1 121.1#

106 95.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#15

Benzyl Alcohol

Concen: 285.593 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.04 min

Lab File: BF103067.D

Acq: 16 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

OWS-NEAR-FUEL-STATION

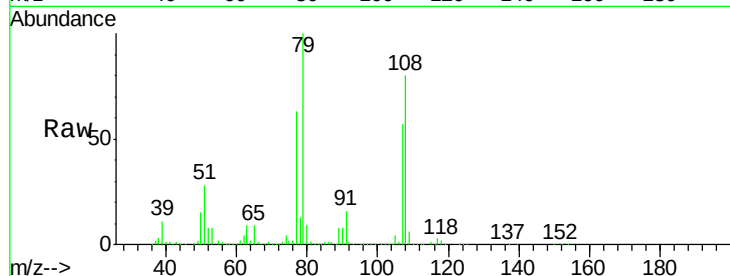
Tgt Ion: 79 Resp: 2884769

Ion Ratio Lower Upper

79 100

108 80.4 65.1 97.7

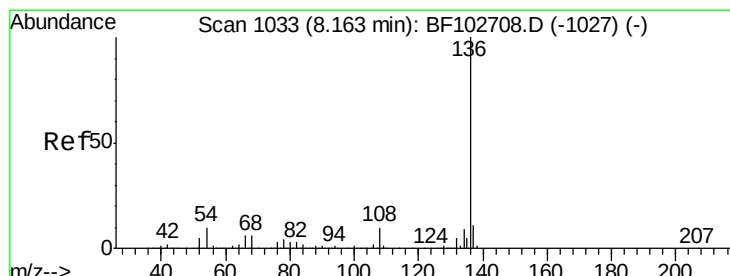
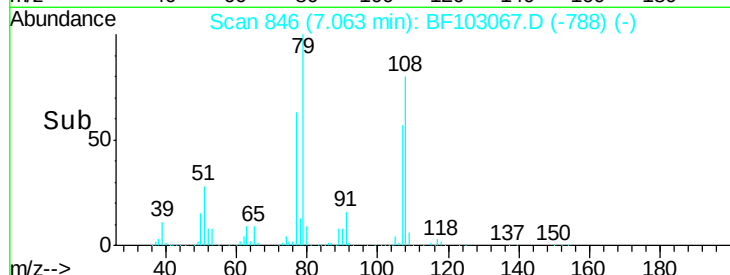
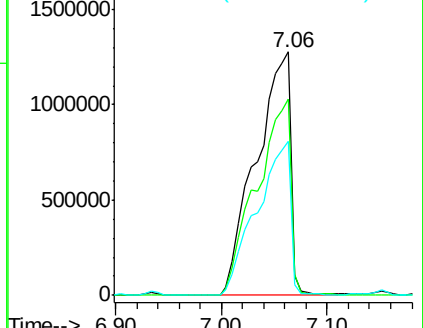
77 63.1 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103067.D

Acq: 16 Feb 2018 21:52

Tgt Ion: 136 Resp: 654542

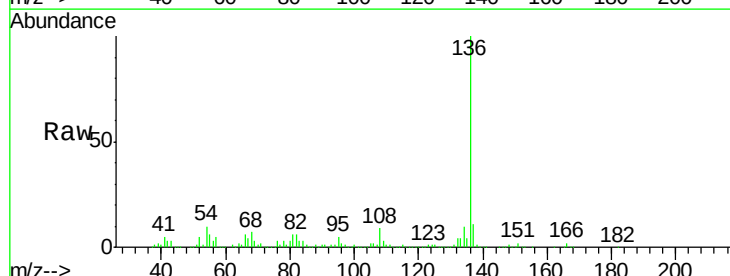
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.1 6.6 9.8#

68 7.1 5.0 7.4

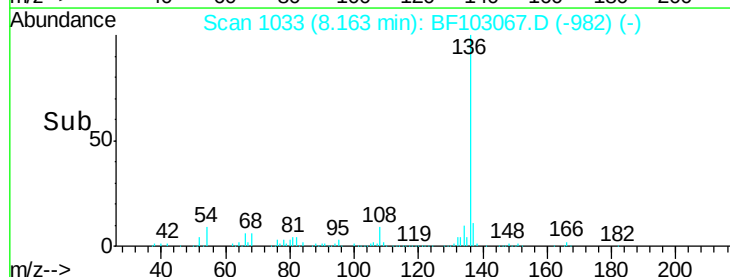
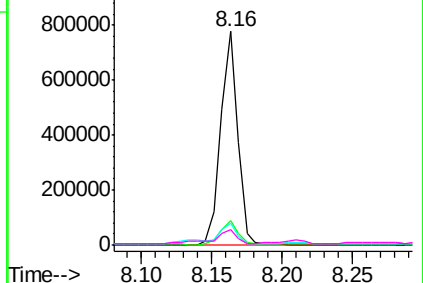


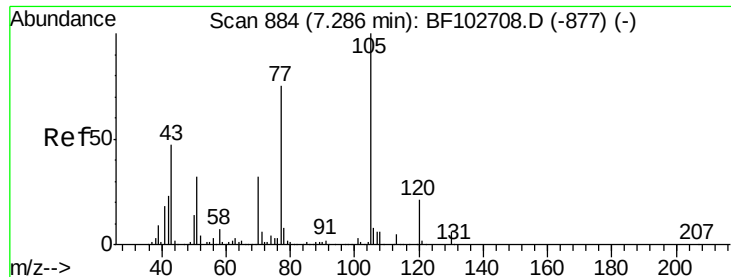
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 7.744 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF103067.D

Acq: 16 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

OWS-NEAR-FUEL-STATION

Tgt Ion: 105 Resp: 124042

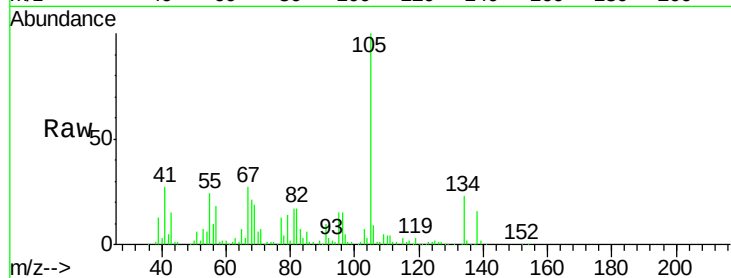
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 5.8 22.3 33.5#

120 0.2 16.9 25.3#

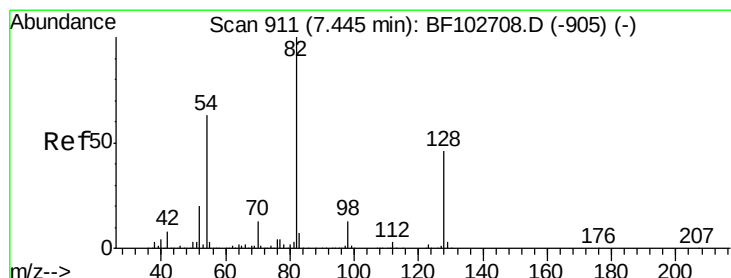
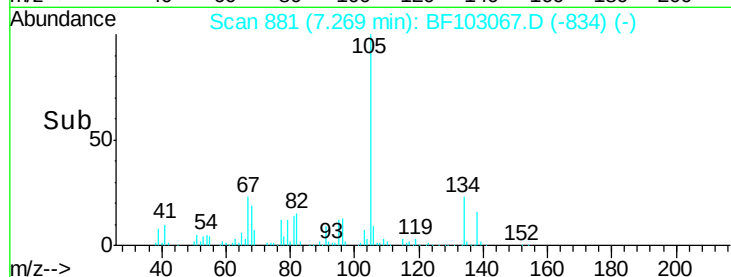
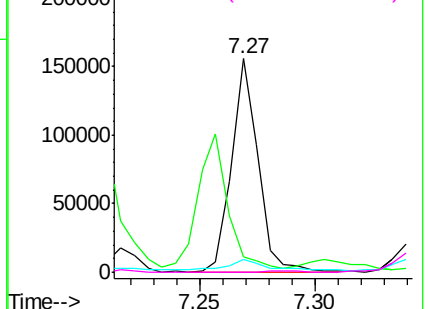


Abundance Ion 105.00 (104.70 to 105.70): E

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: 96.400 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF103067.D

Acq: 16 Feb 2018 21:52

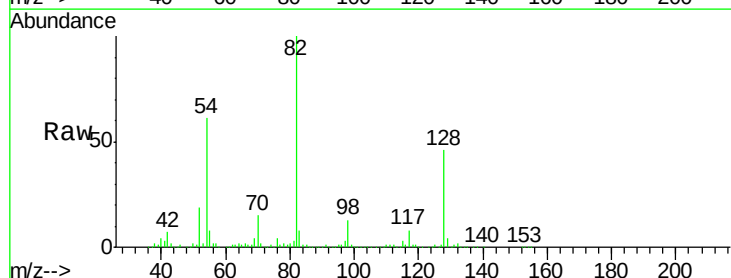
Tgt Ion: 82 Resp: 909580

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

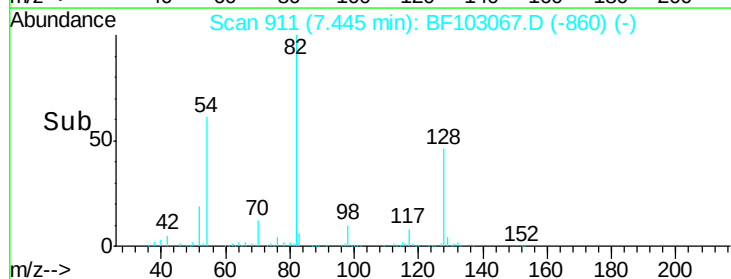
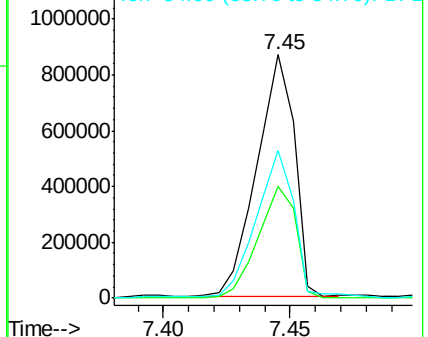
54 60.7 41.4 62.2

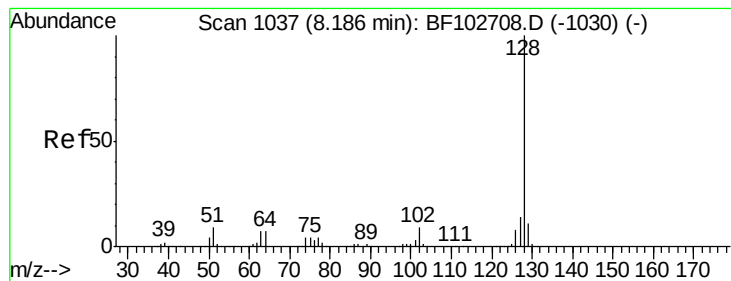


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 2.530 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF103067.D

Acq: 16 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

OWS-NEAR-FUEL-STATION

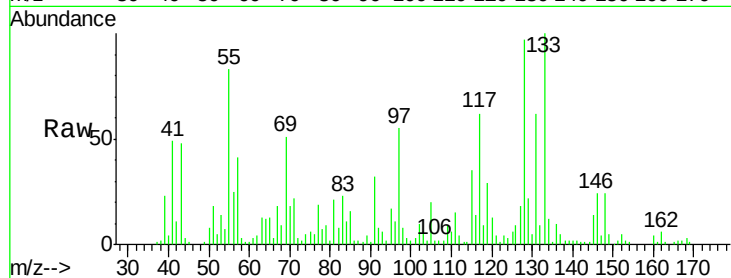
Tgt Ion:128 Resp: 80921

Ion Ratio Lower Upper

128 100

129 22.2 8.8 13.2#

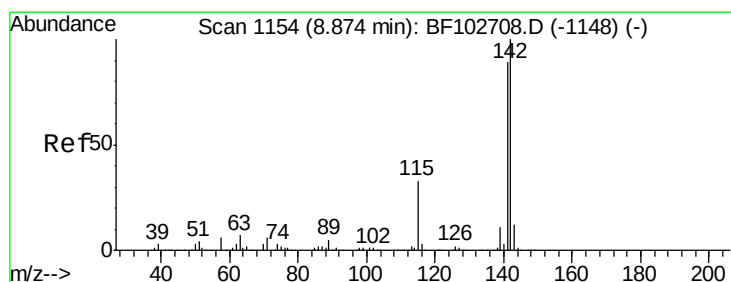
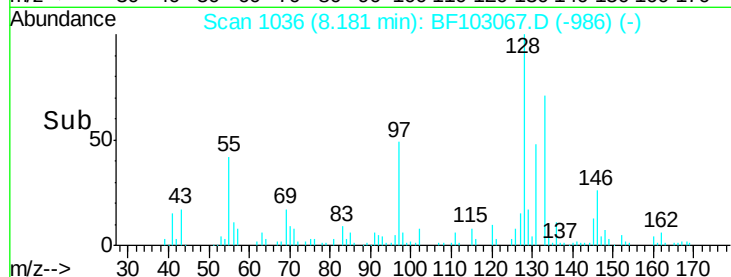
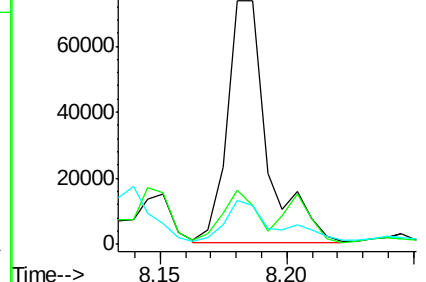
127 18.0 10.9 16.3#



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: 4.486 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF103067.D

Acq: 16 Feb 2018 21:52

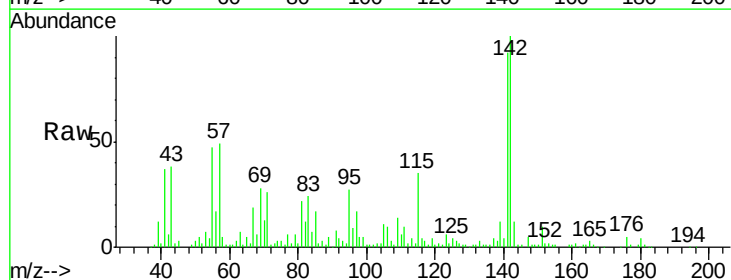
Tgt Ion:142 Resp: 93928

Ion Ratio Lower Upper

142 100

141 91.8 70.8 106.2

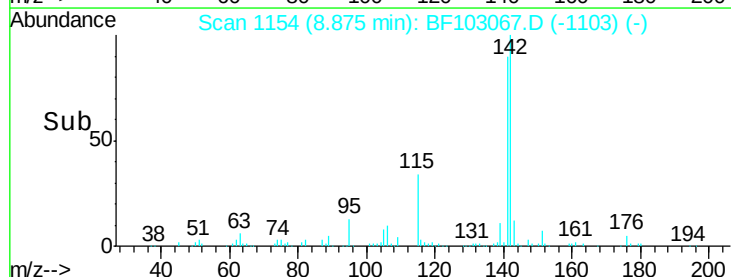
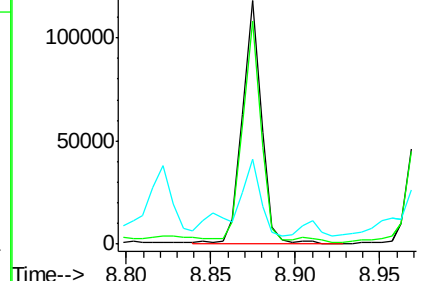
115 34.8 26.1 39.1

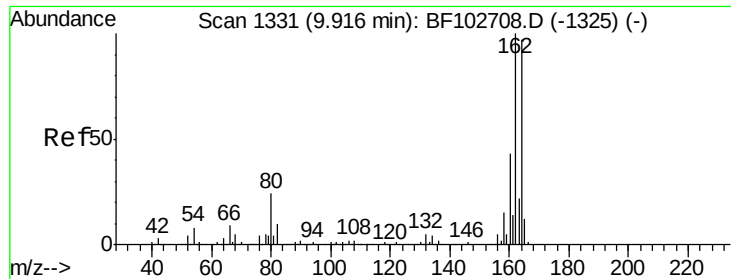


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

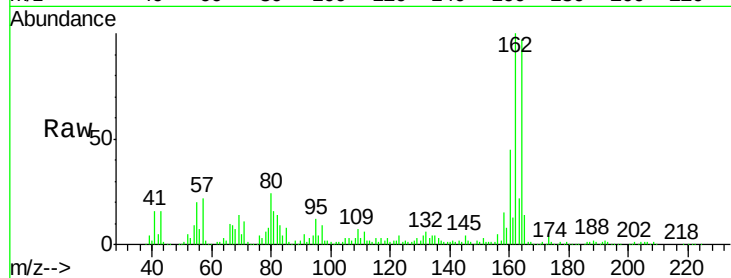




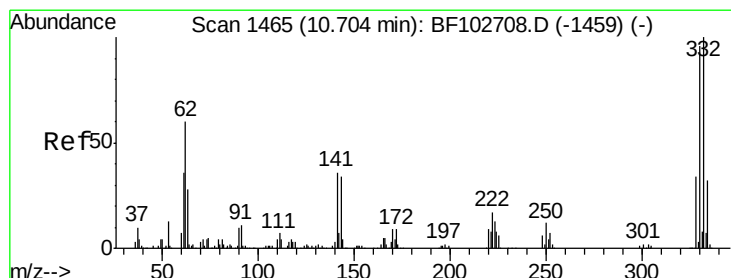
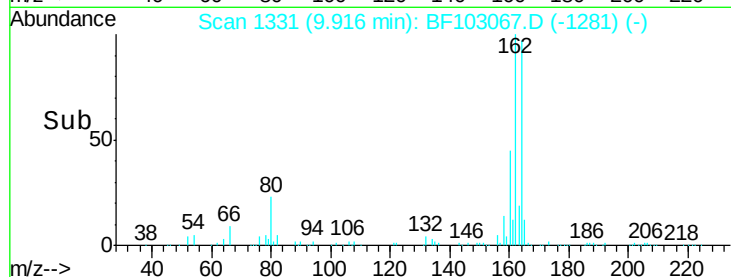
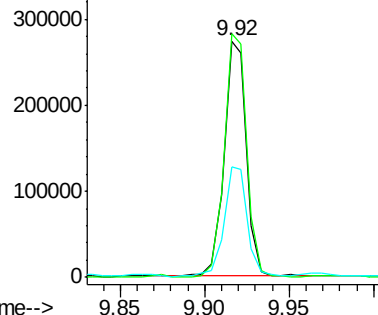
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103067.D
Acq: 16 Feb 2018 21:52

Instrument :
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Tgt Ion:164 Resp: 251625
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 46.5 38.3 57.5

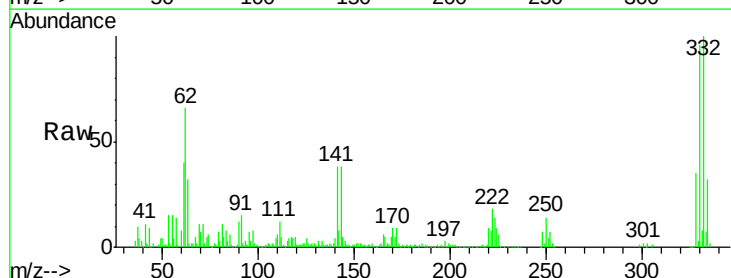


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

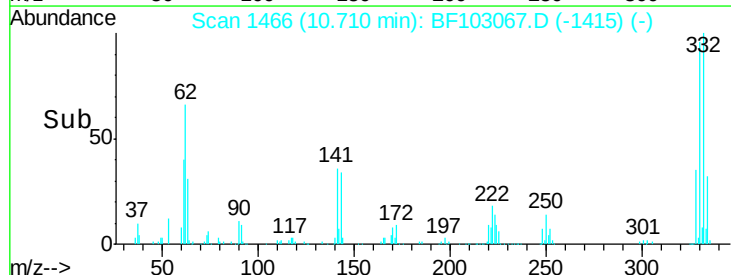
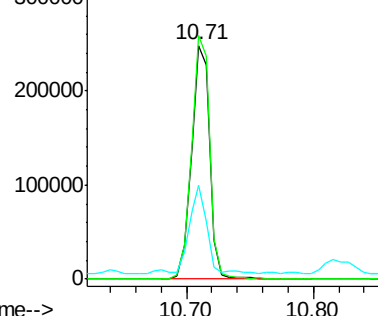


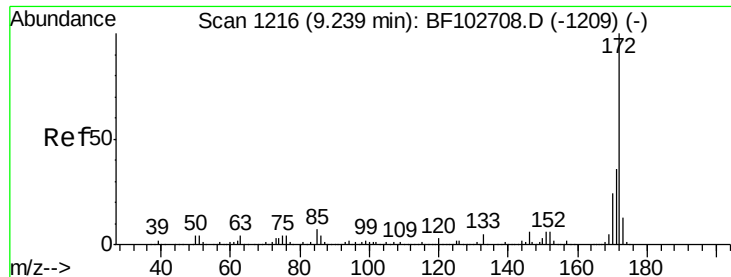
#41
2,4,6-Tribromophenol
Concen: 123.951 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103067.D
Acq: 16 Feb 2018 21:52

Tgt Ion:330 Resp: 251037
Ion Ratio Lower Upper
330 100
332 104.3 77.0 115.6
141 37.4 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: 90.460 ng

RT: 9.24 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BF103067.D

Acq: 16 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

OWS-NEAR-FUEL-STATION

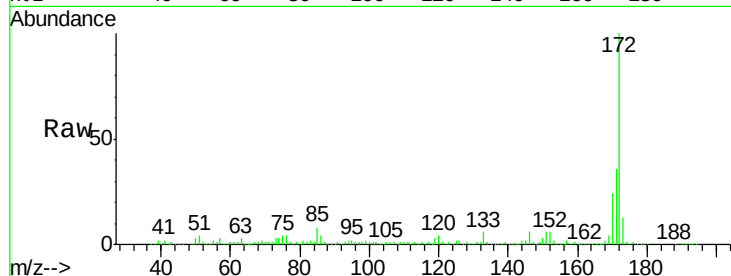
Tgt Ion:172 Resp: 1371737

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

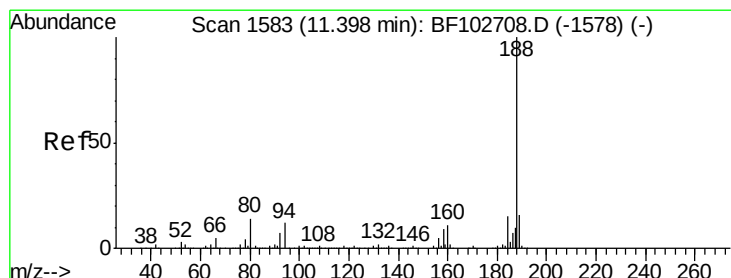
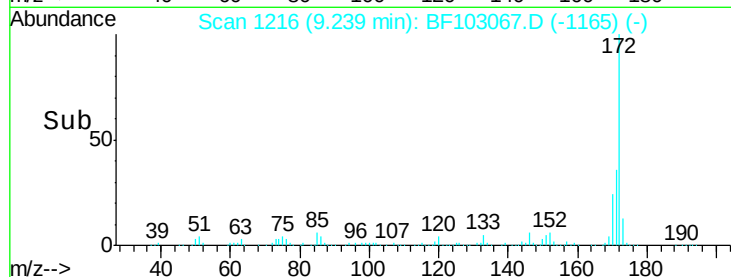
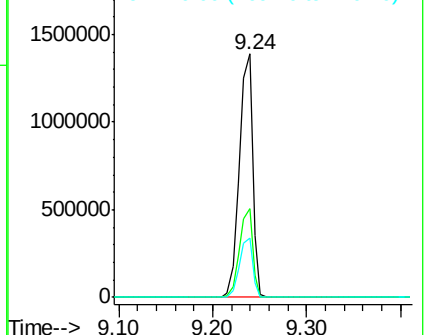
170 24.2 19.6 29.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103067.D

Acq: 16 Feb 2018 21:52

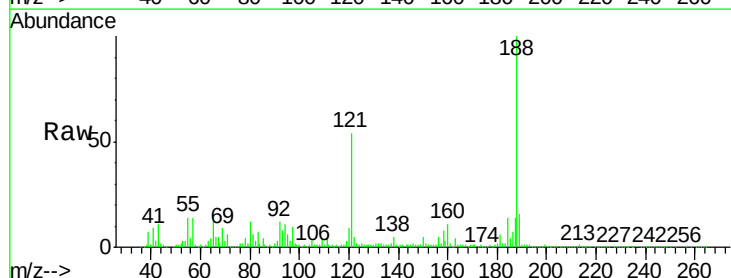
Tgt Ion:188 Resp: 370842

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

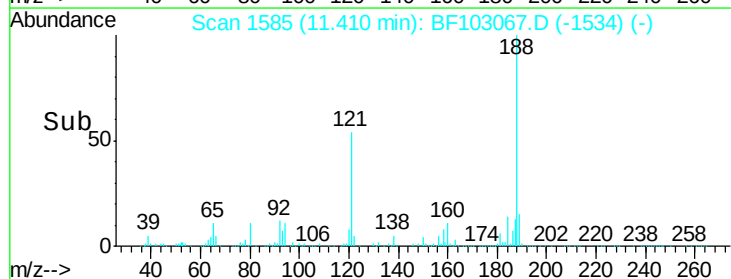
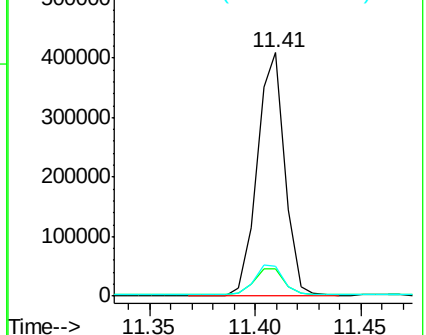
80 12.1 9.2 13.8

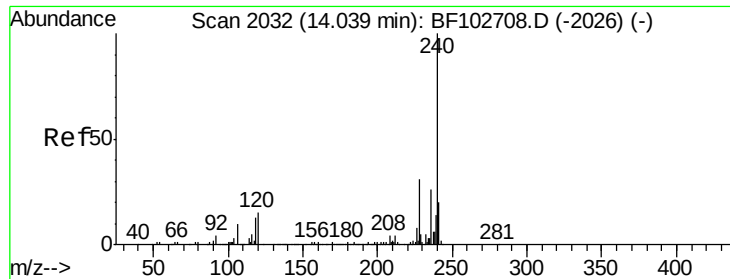


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103067.D

Acq: 16 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

OWS-NEAR-FUEL-STATION

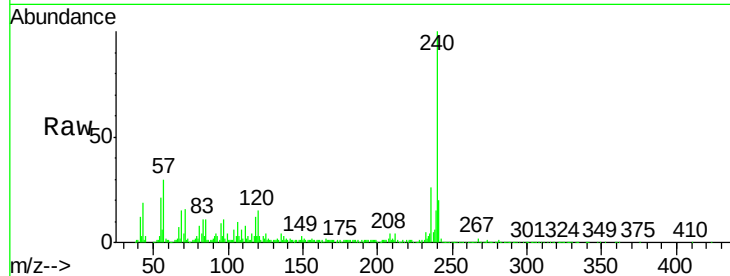
Tgt Ion:240 Resp: 272696

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

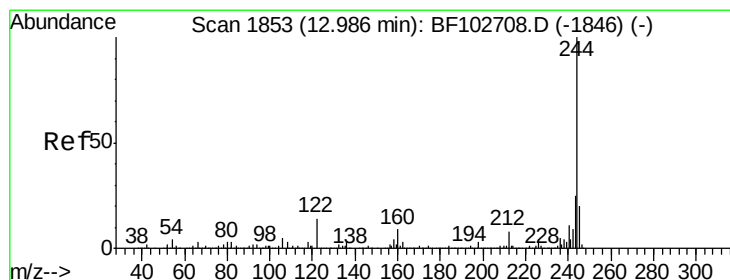
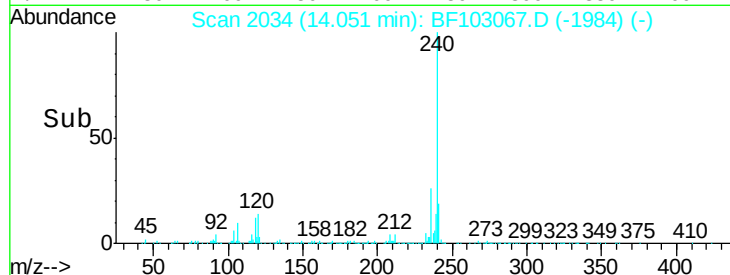
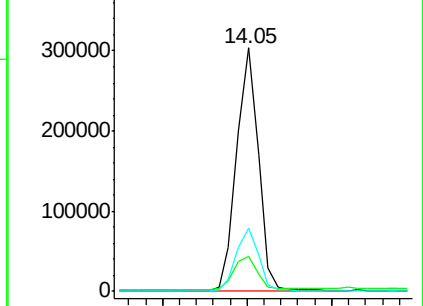
236 26.1 20.7 31.1



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: 90.933 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103067.D

Acq: 16 Feb 2018 21:52

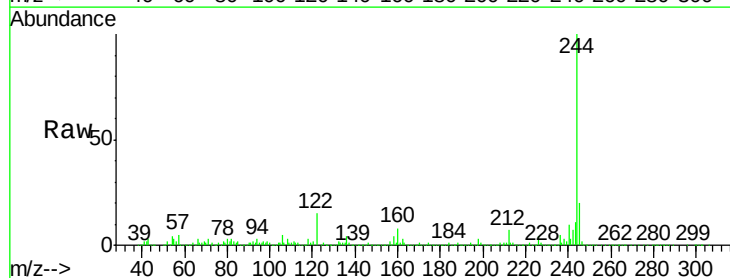
Tgt Ion:244 Resp: 1047277

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

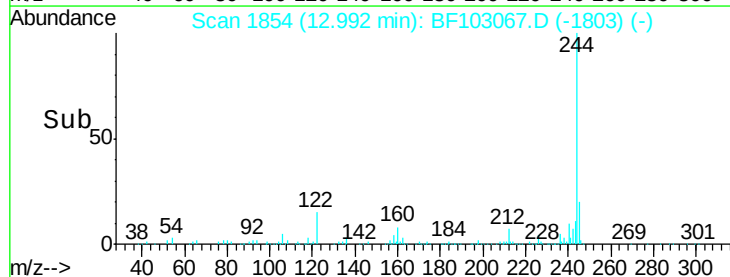
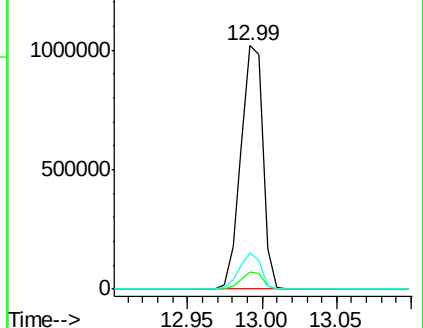
122 14.8 11.0 16.4

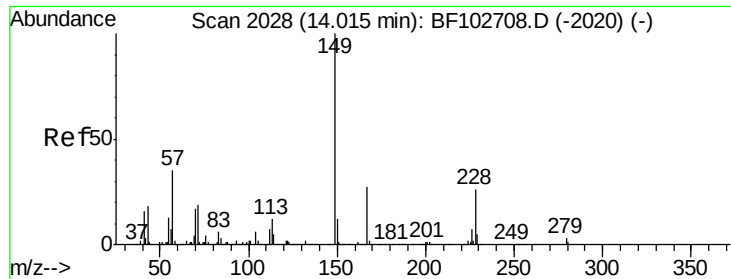


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 8.539 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF103067.D

Acq: 16 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

OWS-NEAR-FUEL-STATION

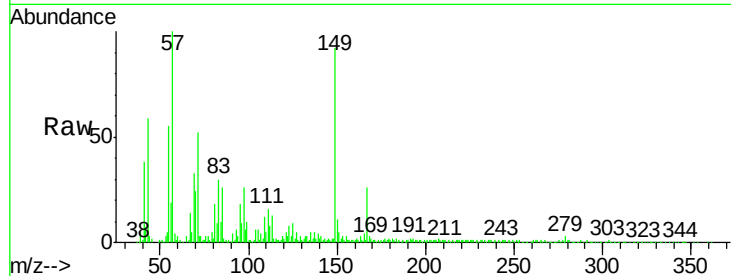
Tgt Ion:149 Resp: 111860

Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

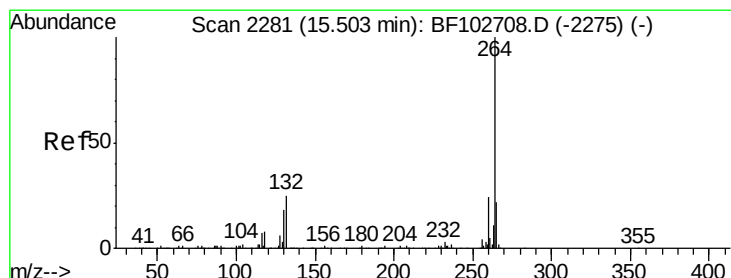
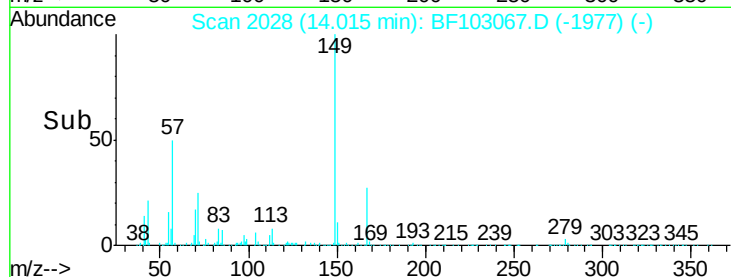
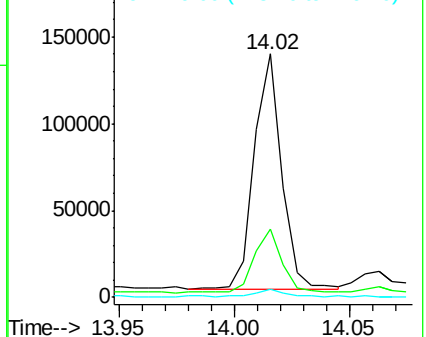
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BF103067.D

Acq: 16 Feb 2018 21:52

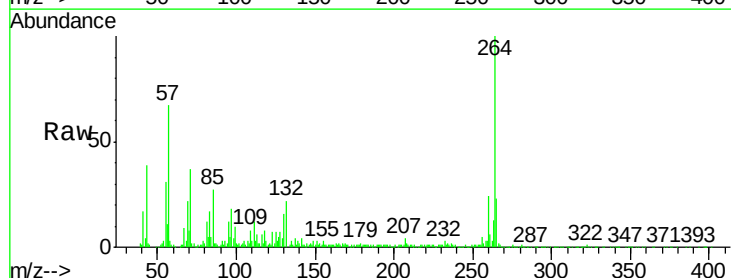
Tgt Ion:264 Resp: 218580

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.7 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

