

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103475.D
 Acq On : 7 Mar 2018 00:08
 Operator : SJ/JU
 Sample : J1738-02 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE

Quant Time: Mar 07 02:11:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

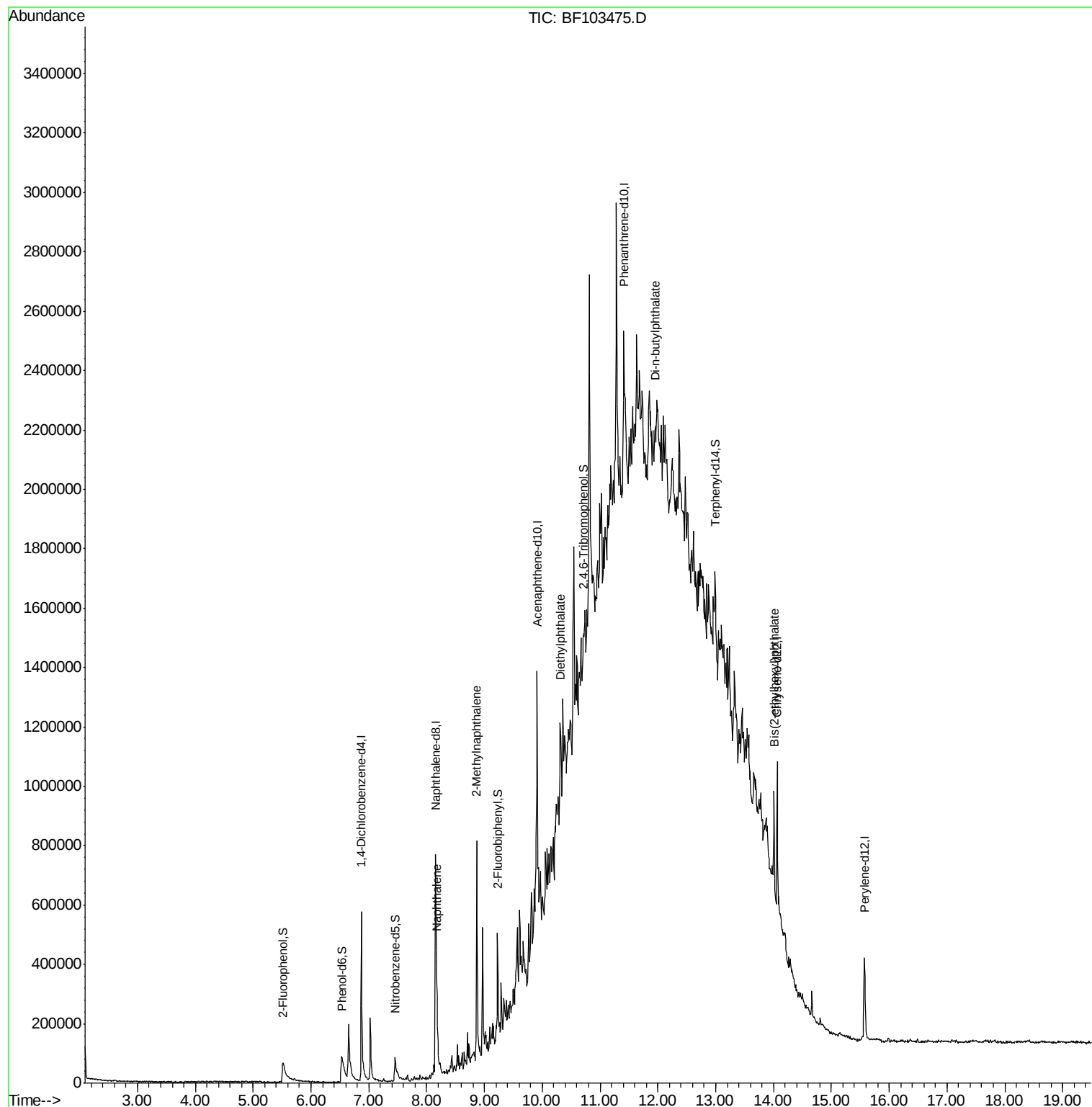
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	118706	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	484579	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	184326	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	238552	20.00	ng	0.00
75) Chrysene-d12	14.06	240	191001	20.00	ng	0.00
86) Perylene-d12	15.57	264	158385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	76029	9.69	ng	0.02
7) Phenol-d6	6.53	99	134085	13.96	ng	0.01
23) Nitrobenzene-d5	7.45	82	72655	8.56	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	11441	7.33	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	139423	8.62	ng	0.00
78) Terphenyl-d14	12.99	244	89161	11.22	ng	0.00
Target Compounds						
31) Naphthalene	8.17	128	142383	6.002	ng	99
37) 2-Methylnaphthalene	8.87	142	258728	16.875	ng	99
59) Diethylphthalate	10.32	149	36407	2.574	ng	# 87
73) Di-n-butylphthalate	11.96	149	92118	5.491	ng	# 95
83) Bis(2-ethylhexyl)phthalate	14.01	149	79164	7.456	ng	# 99

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

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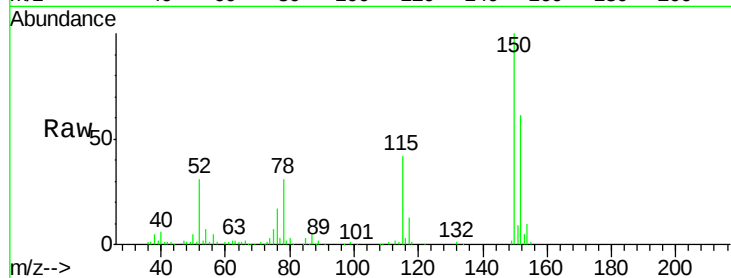


#1

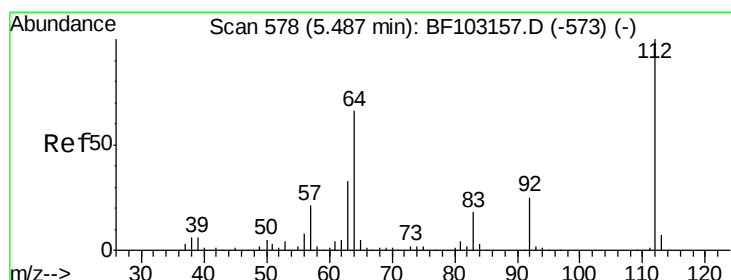
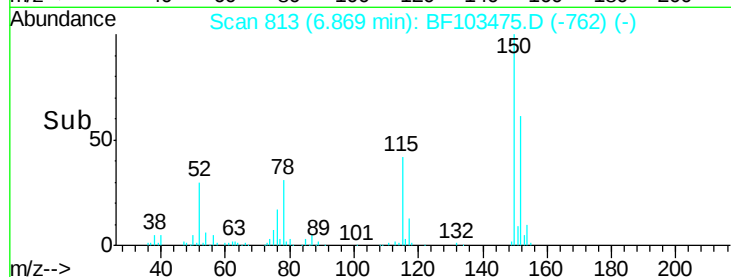
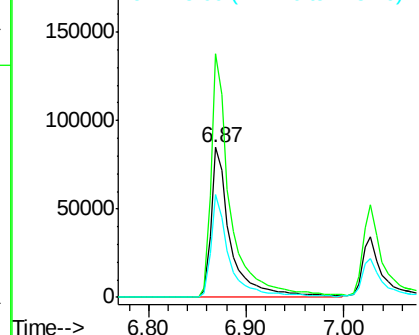
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103475.D
Acq: 7 Mar 2018 00:08

Instrument :
BNA_F
ClientSampleId :
OILY-STONE

Tot Ion:152 Resp: 118706
Ion Ratio Lower Upper
152 100
150 162.8 124.6 186.8
115 68.7 50.1 75.1



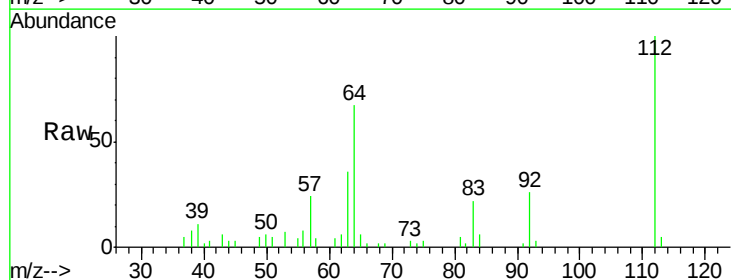
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



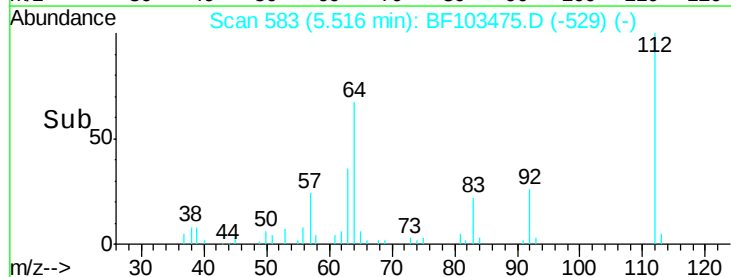
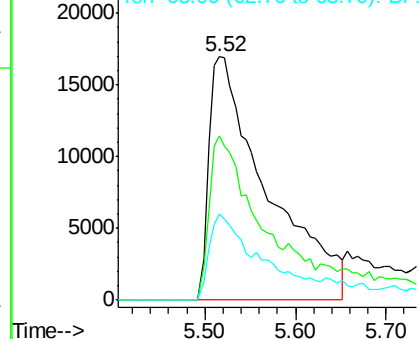
#5

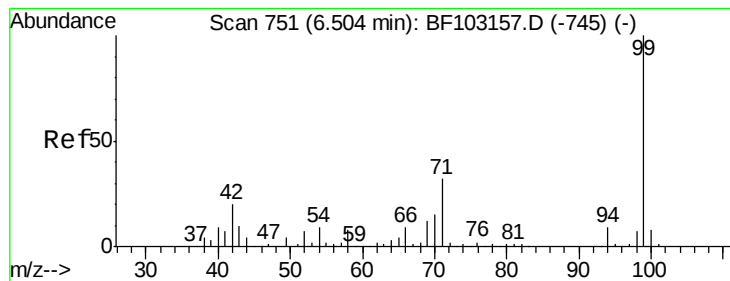
2-Fluorophenol
Concen: 9.687 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF103475.D
Acq: 7 Mar 2018 00:08

Tgt Ion:112 Resp: 76029
Ion Ratio Lower Upper
112 100
64 67.4 47.9 71.9
63 35.6 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: 13.961 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

Instrument :

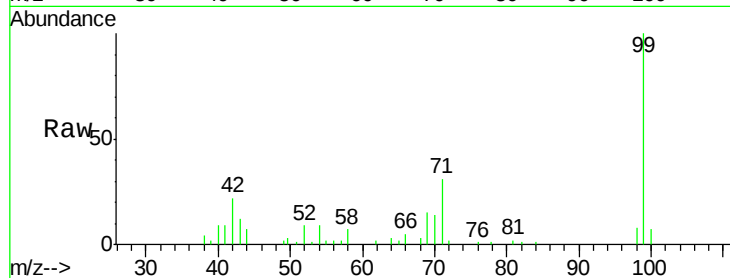
BNA_F

ClientSampleId :

OILY-STONE

Tot Ion: 99 Resp: 134085

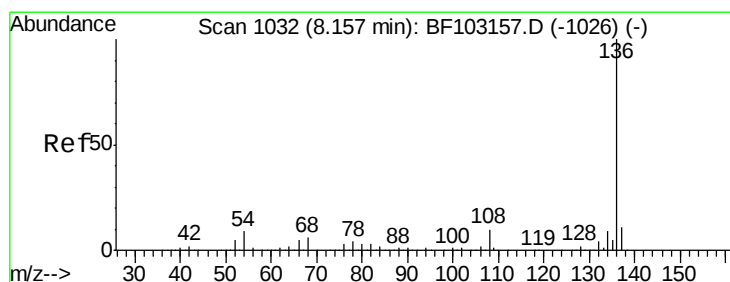
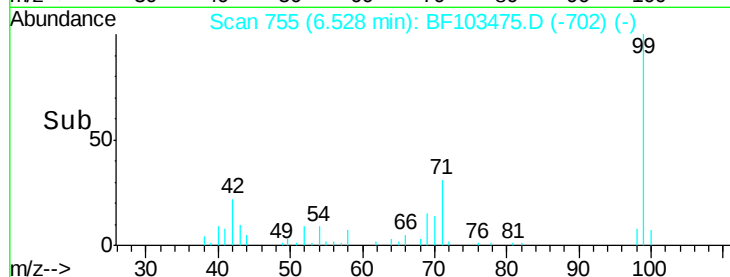
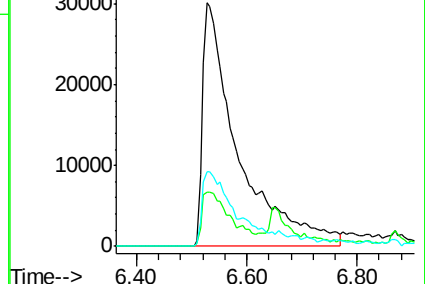
Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.5	21.7#
71	30.6	25.4	38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

Tgt Ion: 136 Resp: 484579

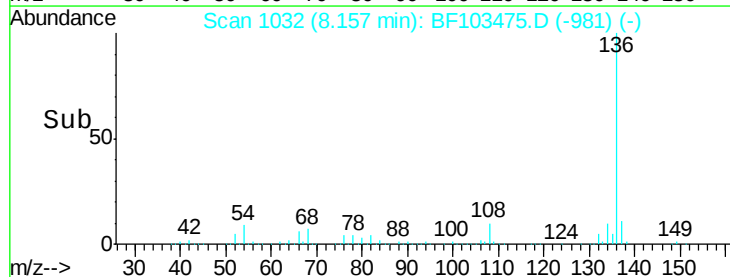
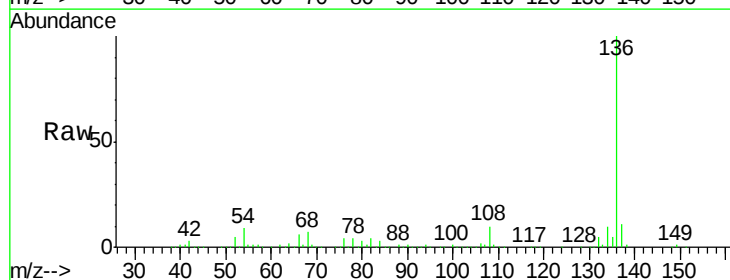
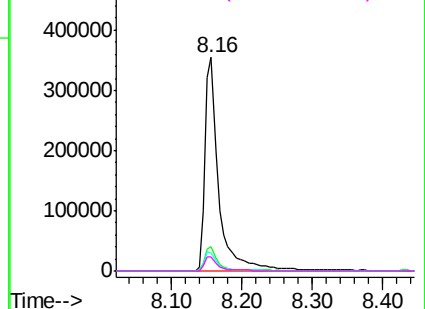
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.6	6.6	9.8
68	6.6	5.0	7.4

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

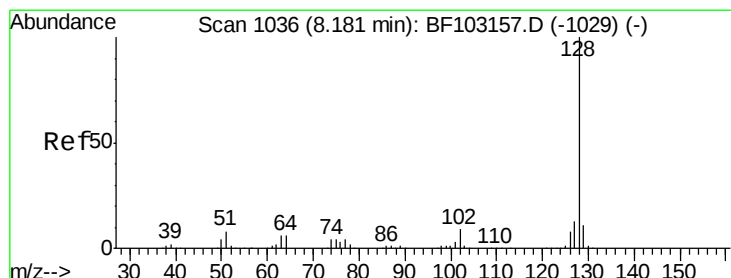
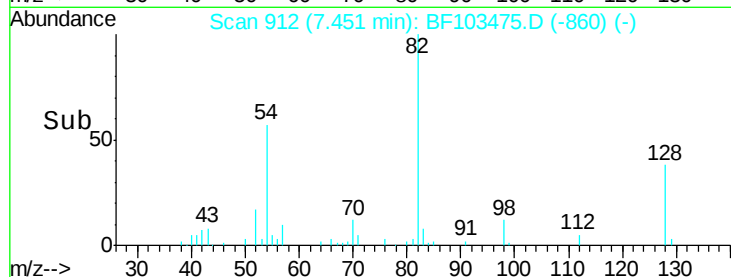
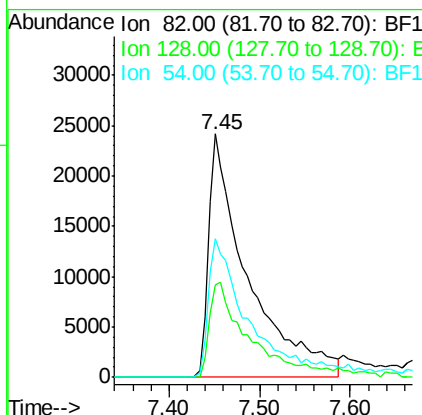
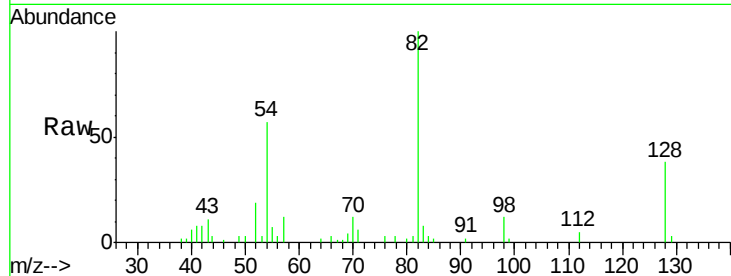




#23
 Nitrobenzene-d5
 Concen: 8.563 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BF103475.D
 Acq: 7 Mar 2018 00:08

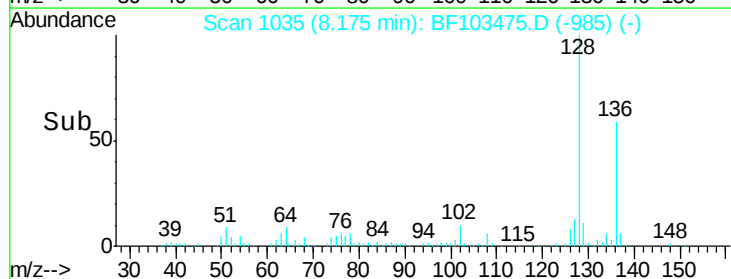
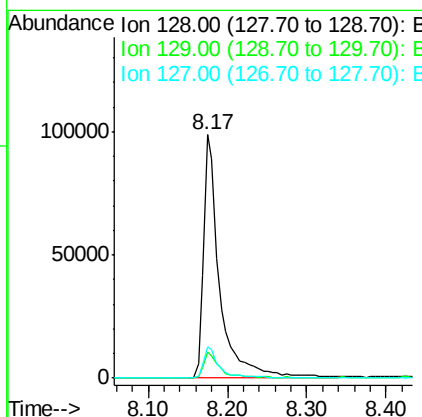
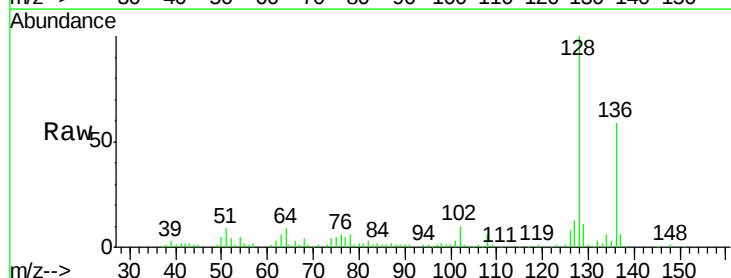
Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE

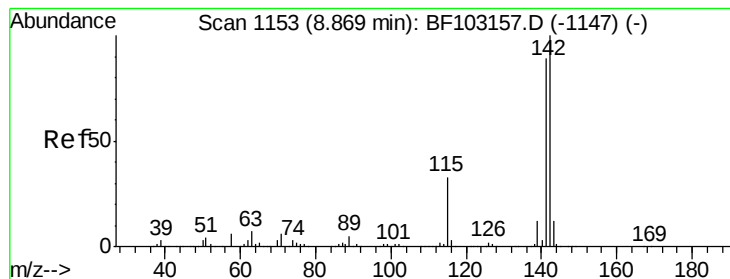
Tot Ion: 82 Resp: 72655
 Ion Ratio Lower Upper
 82 100
 128 38.2 36.1 54.1
 54 56.7 41.4 62.2



#31
 Naphthalene
 Concen: 6.002 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF103475.D
 Acq: 7 Mar 2018 00:08

Tgt Ion: 128 Resp: 142383
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.8 13.2
 127 12.9 10.9 16.3





#37

2-Methylnaphthalene

Concen: 16.875 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

Instrument :

BNA_F

ClientSampleId :

OILY-STONE

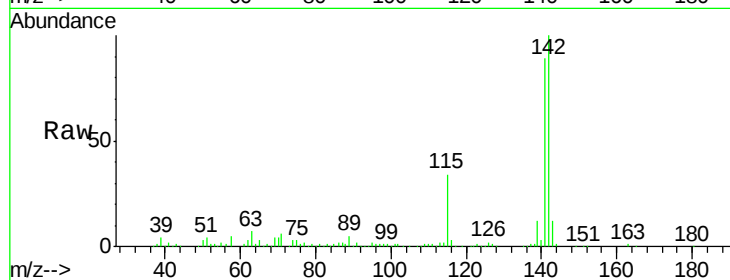
Tot Ion:142 Resp: 258728

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

115 34.5 26.1 39.1



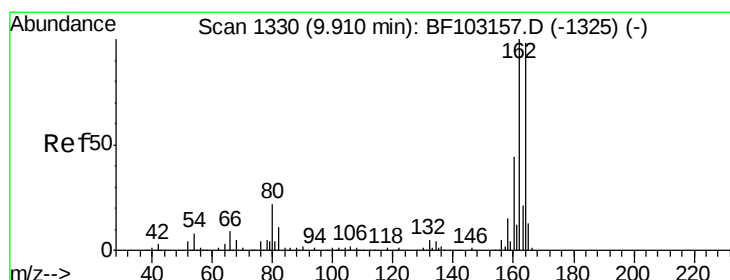
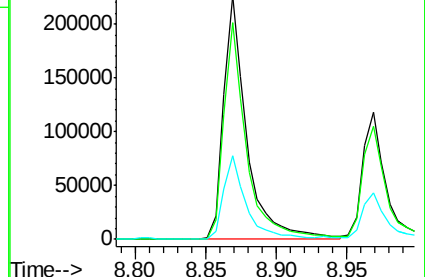
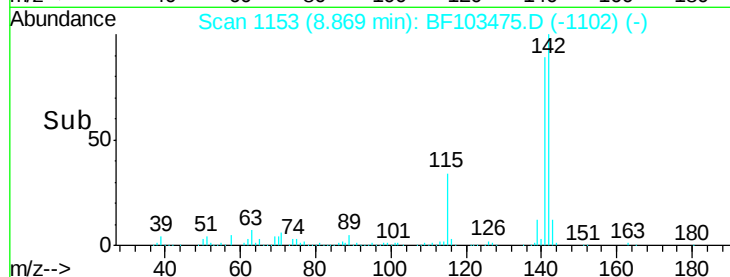
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.87

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

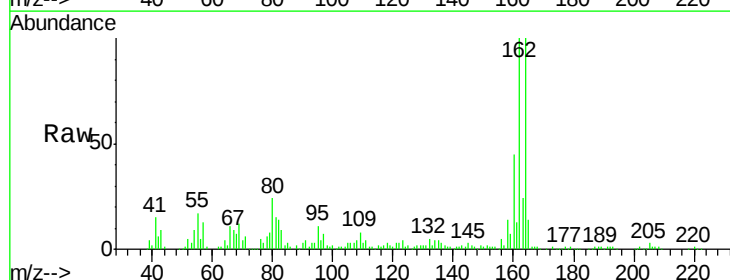
Tgt Ion:164 Resp: 184326

Ion Ratio Lower Upper

164 100

162 99.7 86.1 129.1

160 44.8 38.3 57.5



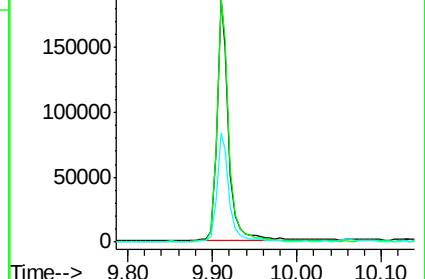
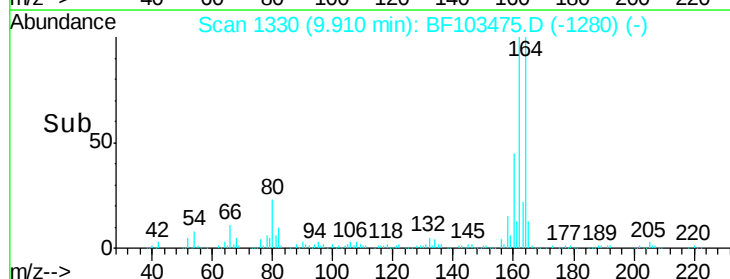
Abundance Ion 164.00 (163.70 to 164.70): E

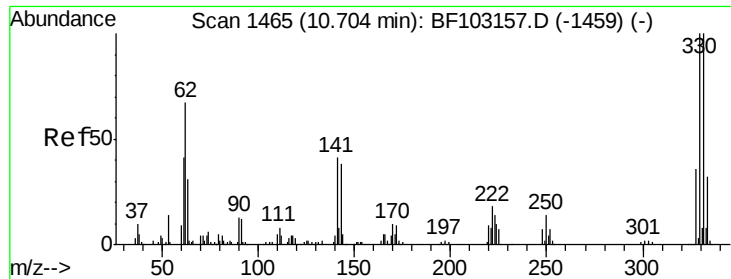
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.91

Time-->

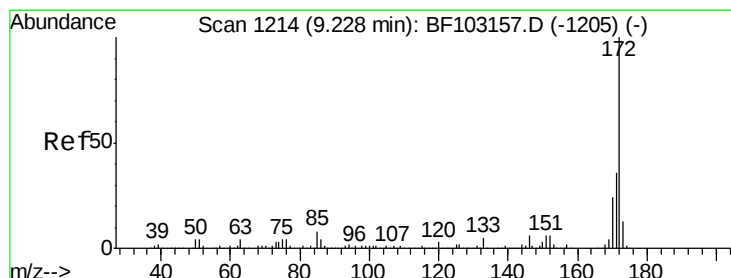
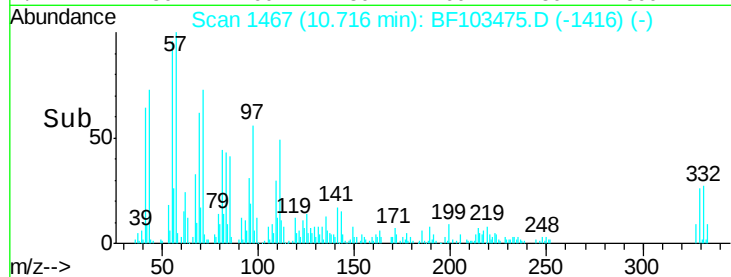
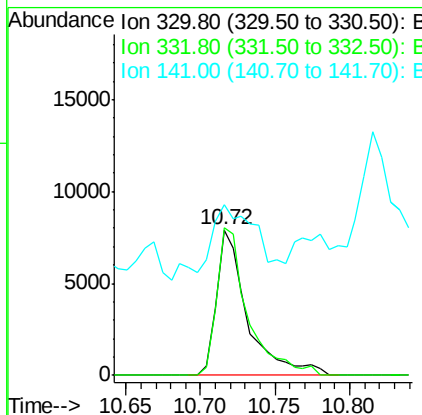
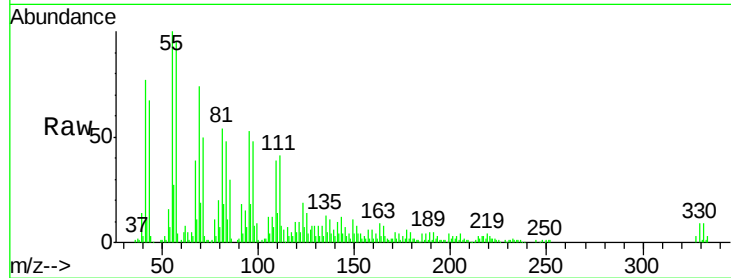




#41
 2,4,6-Tribromophenol
 Concen: 7.333 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103475.D
 Acq: 7 Mar 2018 00:08

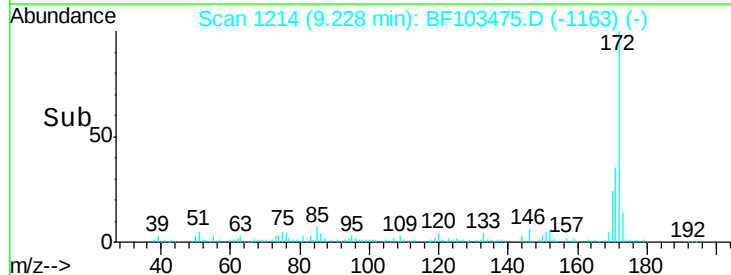
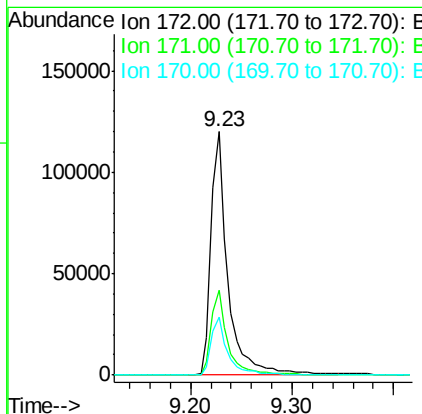
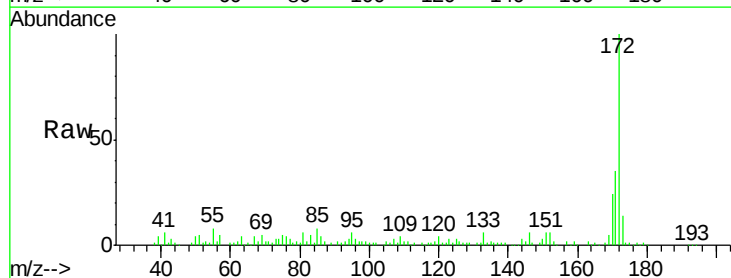
Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE

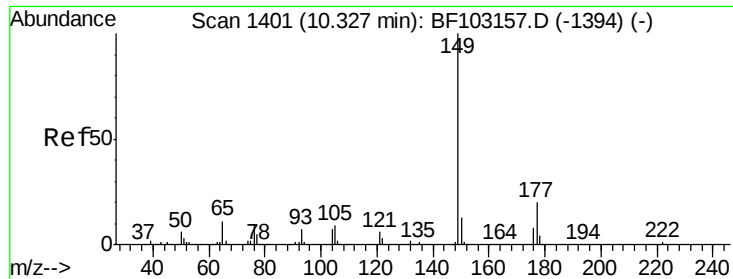
Tot Ion:330 Resp: 11441
 Ion Ratio Lower Upper
 330 100
 332 102.2 77.0 115.6
 141 80.7 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 8.620 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103475.D
 Acq: 7 Mar 2018 00:08

Tgt Ion:172 Resp: 139423
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 23.7 19.6 29.4

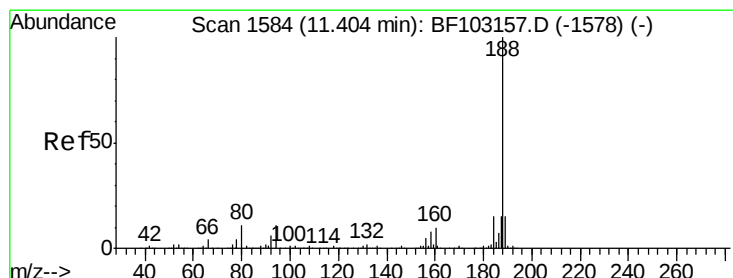
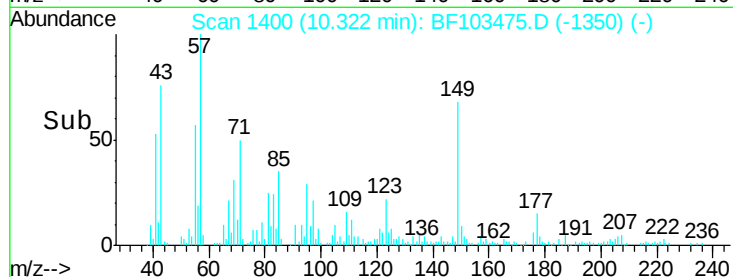
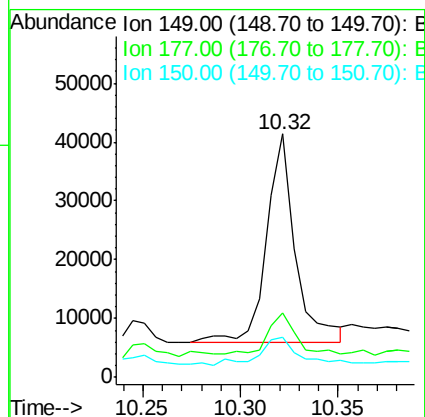
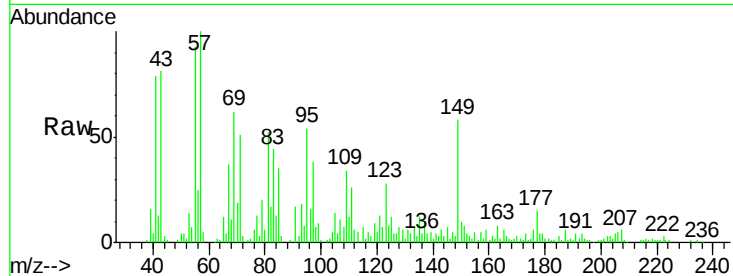




#59
Diethylphthalate
Concen: 2.574 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103475.D
Acq: 7 Mar 2018 00:08

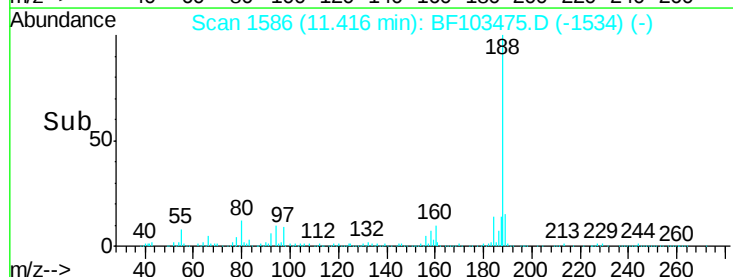
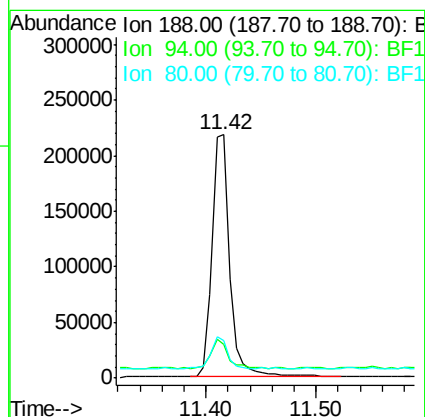
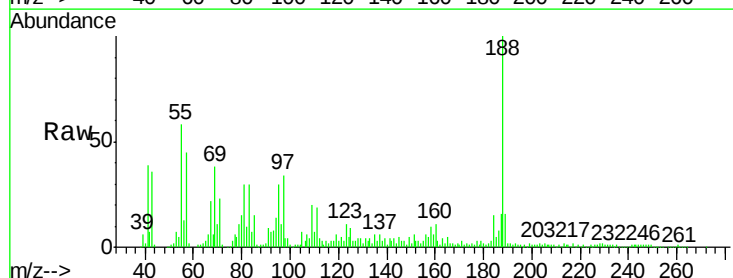
Instrument :
BNA_F
ClientSampleId :
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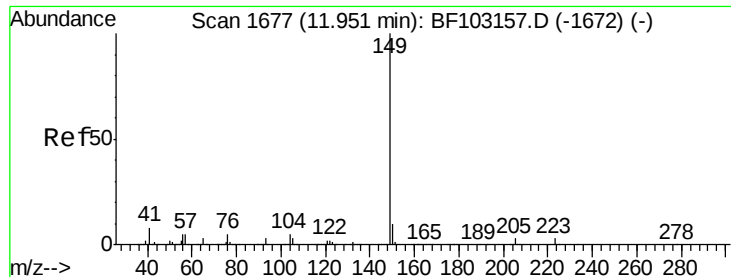
Tot Ion:149 Resp: 36407
Ion Ratio Lower Upper
149 100
177 26.7 16.1 24.1#
150 16.7 10.1 15.1#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF103475.D
Acq: 7 Mar 2018 00:08

Tgt Ion:188 Resp: 238552
Ion Ratio Lower Upper
188 100
94 13.7 8.5 12.7#
80 15.4 9.2 13.8#





#73

Di-n-butylphthalate

Concen: 5.491 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

Instrument :

BNA_F

ClientSampleId :

OILY-STONE

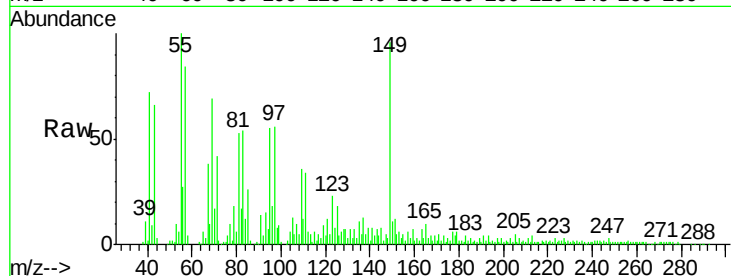
Tot Ion:149 Resp: 92118

Ion Ratio Lower Upper

149 100

150 11.7 7.8 11.6#

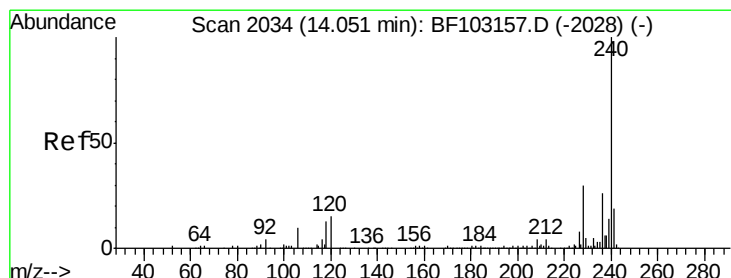
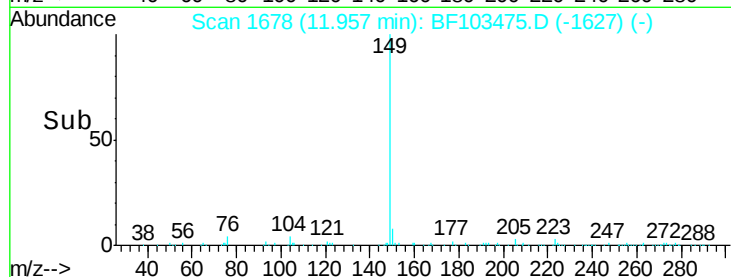
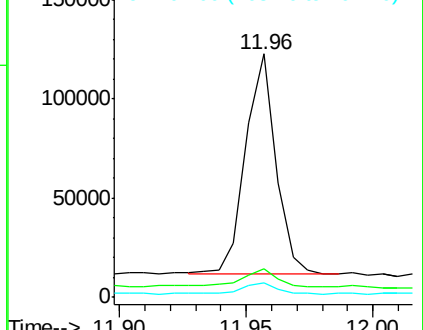
104 5.8 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

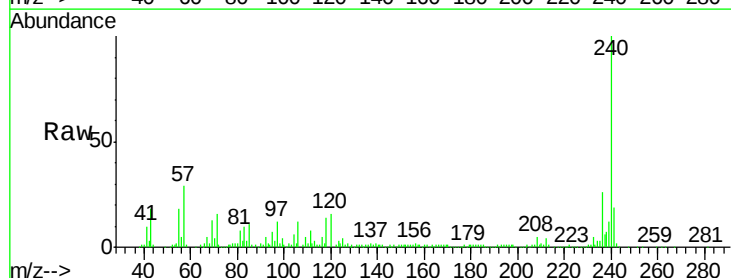
Tgt Ion:240 Resp: 191001

Ion Ratio Lower Upper

240 100

120 15.9 9.5 14.3#

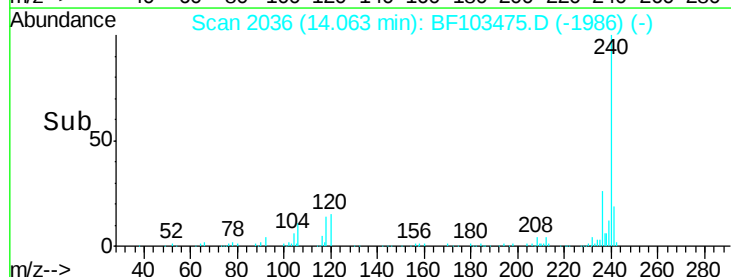
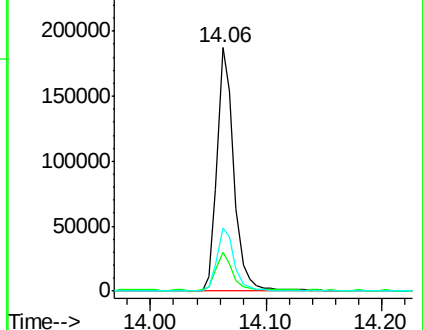
236 26.1 20.7 31.1

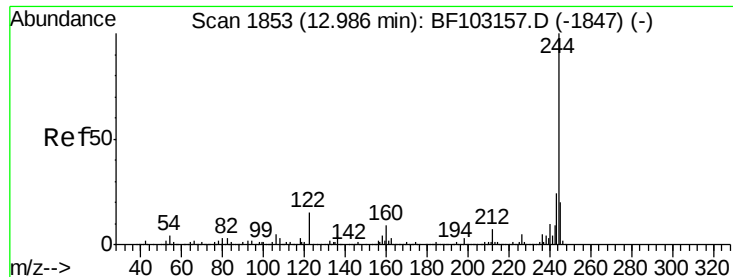


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 11.221 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

Instrument :

BNA_F

ClientSampleId :

OILY-STONE

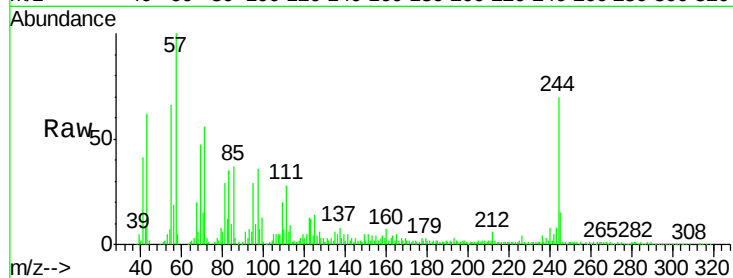
Tot Ion:244 Resp: 89161

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.0#

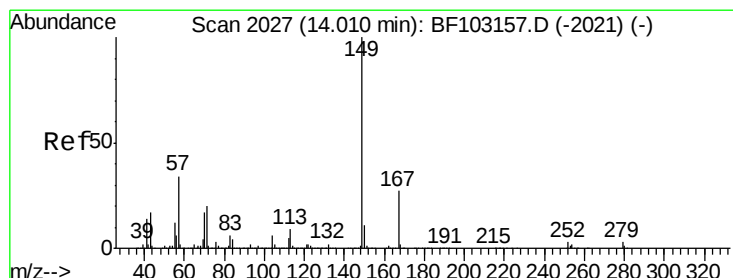
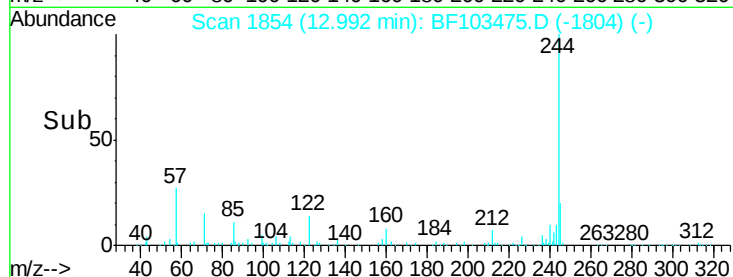
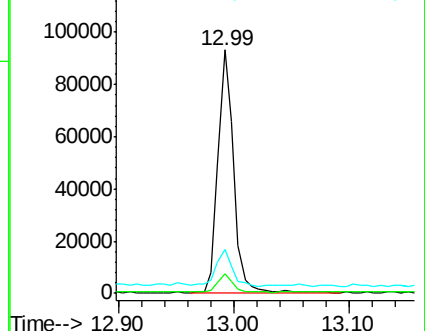
122 17.9 11.0 16.4#



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: 7.456 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

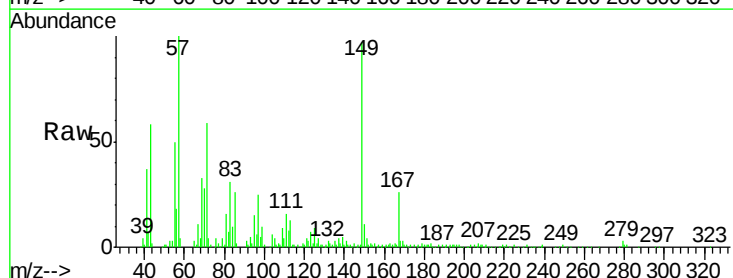
Tgt Ion:149 Resp: 79164

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

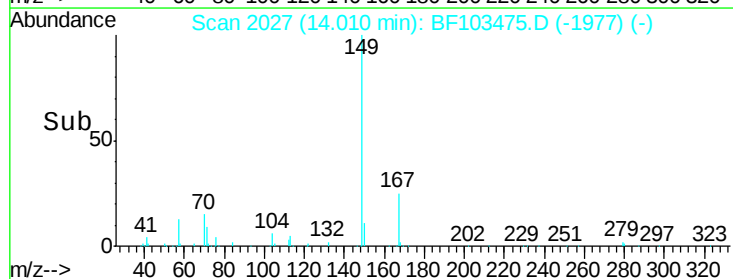
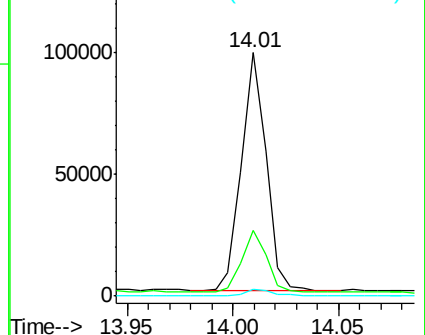
279 2.6 3.0 4.4#

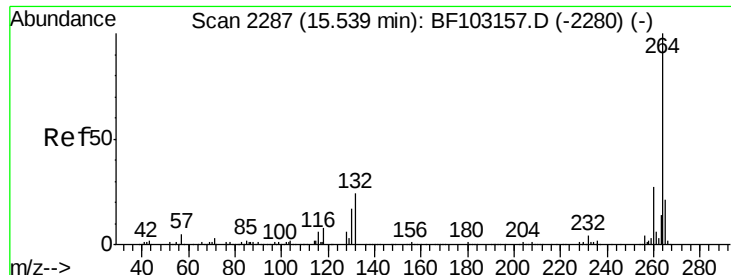


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



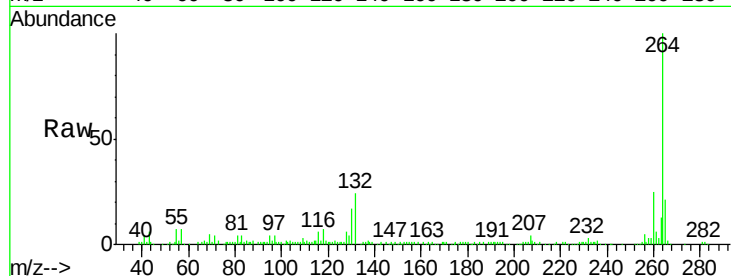


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF103475.D
Acq: 7 Mar 2018 00:08

Instrument :
BNA_F
ClientSampleId :
OILY-STONE

Tot Ion: 264 Resp: 158385

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	21.1	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

