

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
 Data File : BF106458.D
 Acq On : 14 Jun 2018 22:25
 Operator : JU/SJ
 Sample : J3487-01 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

Quant Time: Jun 15 01:14:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

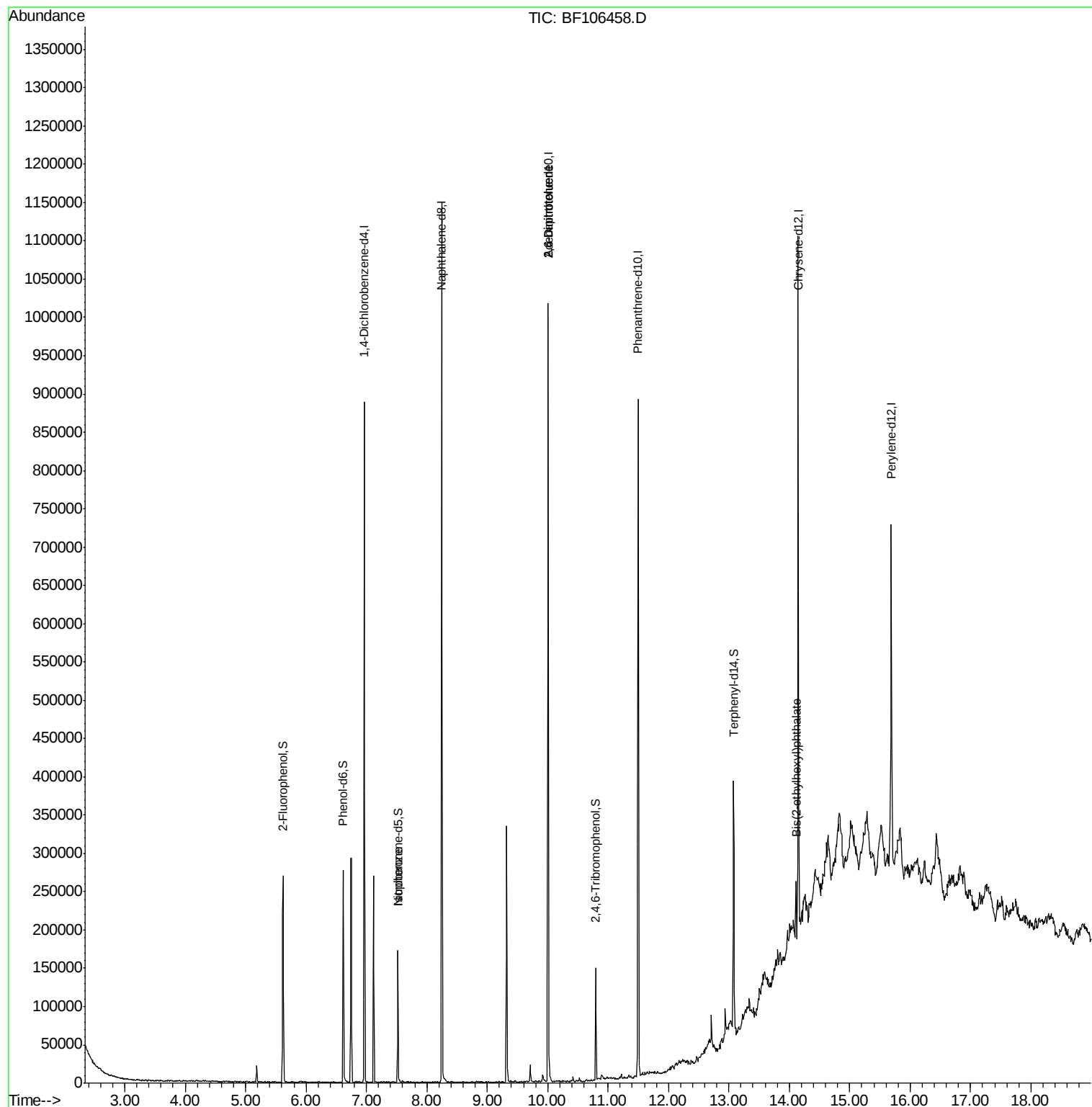
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	117648	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	449542	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	186963	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	319551	20.00	ng	0.00
75) Chrysene-d12	14.15	240	312147	20.00	ng	-0.01
86) Perylene-d12	15.69	264	216996	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	72271	10.40	ng	0.00
7) Phenol-d6	6.61	99	94422	10.75	ng	0.00
23) Nitrobenzene-d5	7.52	82	53428	6.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	15866	8.82	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	104729	0.90	ng	0.00
78) Terphenyl-d14	13.08	244	97383	7.75	ng	-0.01
Target Compounds						
25) Isophorone	7.52	82	53427	3.580	ng	# 64
50) 2,6-Dinitrotoluene	10.01	165	23274	8.530	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	23274	6.793	ng	# 23
83) Bis(2-ethylhexyl)phthalate	14.11	149	22121	2.109	ng	# 94

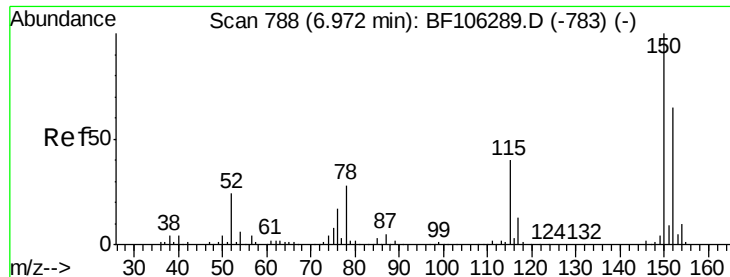
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



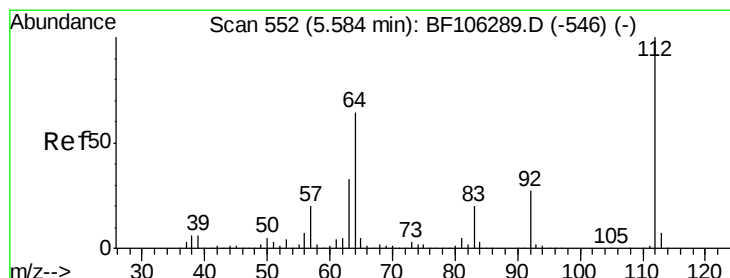
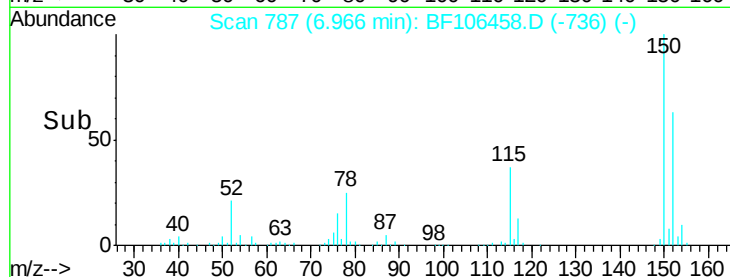
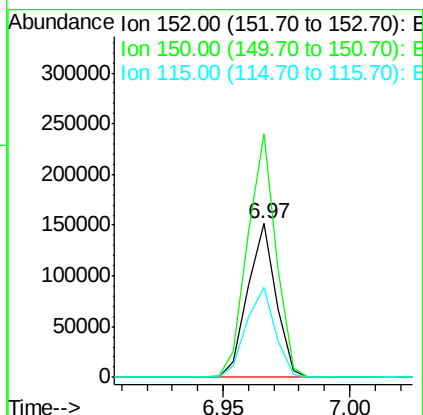
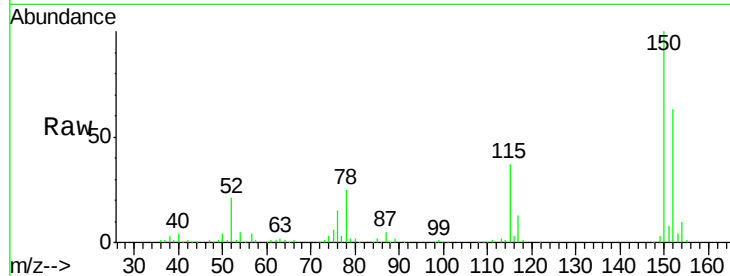


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106458.D
Acq: 14 Jun 2018 22:25

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

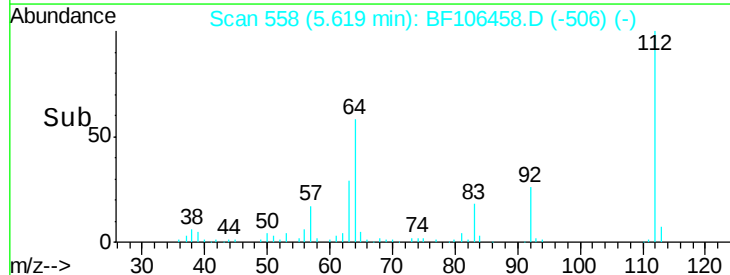
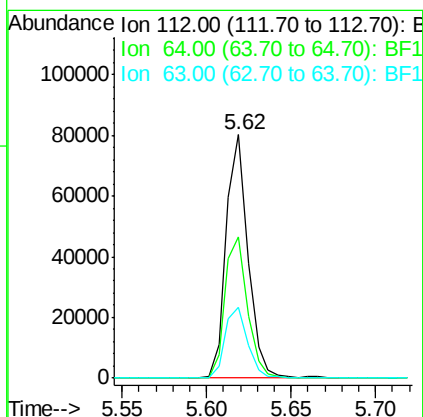
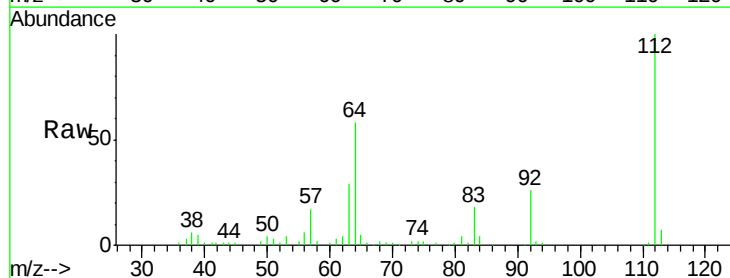
Tgt Ion:152 Resp: 117648
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 58.8 50.1 75.1



#5

2-Fluorophenol
Concen: 10.397 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF106458.D
Acq: 14 Jun 2018 22:25

Tgt Ion:112 Resp: 72271
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 10.752 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106458.D

Acq: 14 Jun 2018 22:25

Instrument :

BNA_F

ClientSampled :

OILY-SOIL

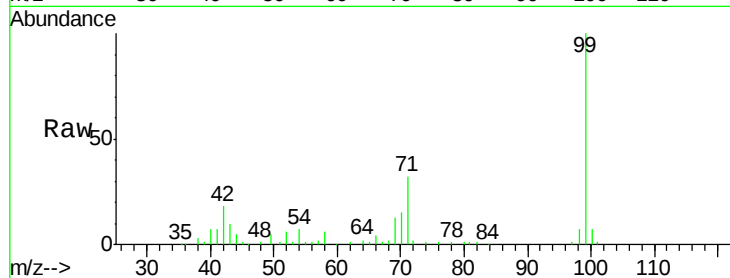
Tgt Ion: 99 Resp: 94422

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

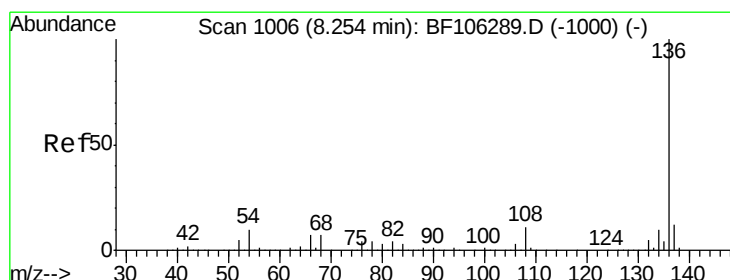
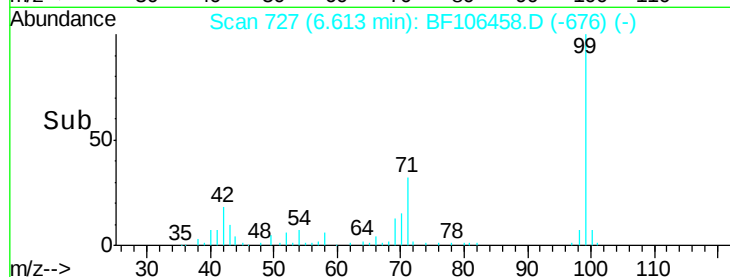
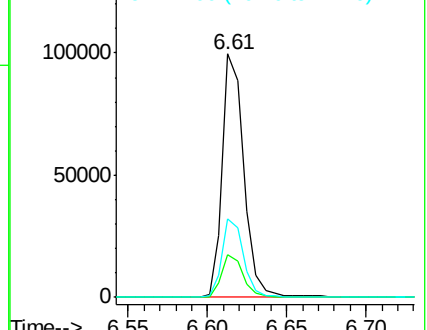
71 32.2 25.4 38.0



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: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106458.D

Acq: 14 Jun 2018 22:25

Tgt Ion: 136 Resp: 449542

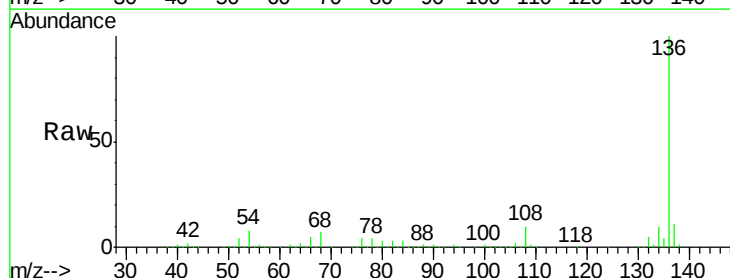
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.4 6.6 9.8

68 6.6 5.0 7.4

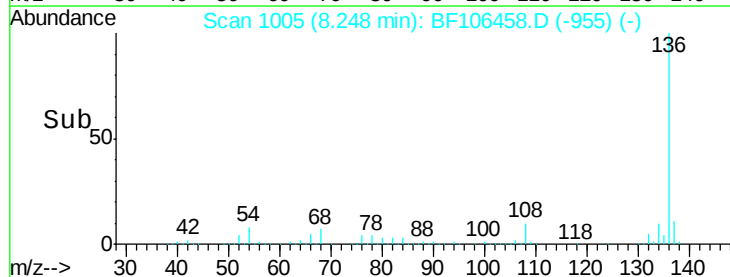
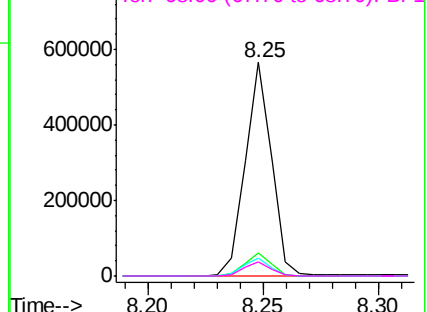


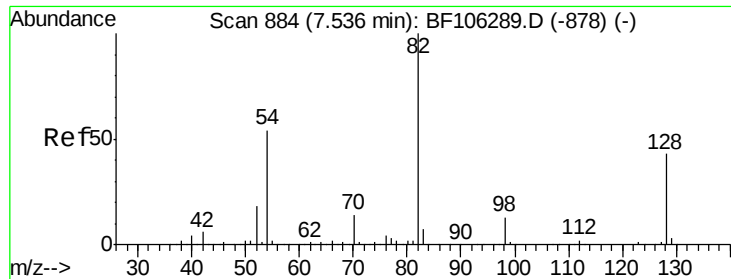
Abundance Ion 136.00 (135.70 to 136.70): E

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

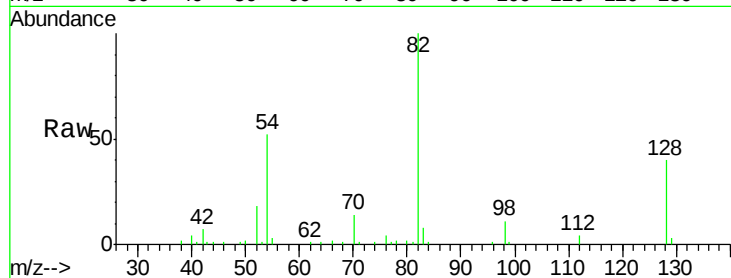




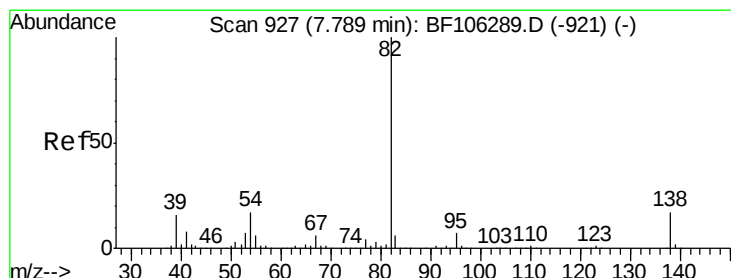
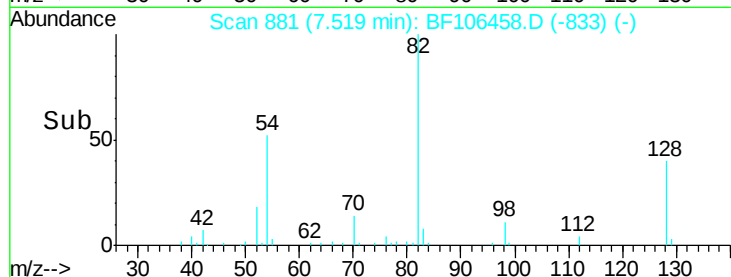
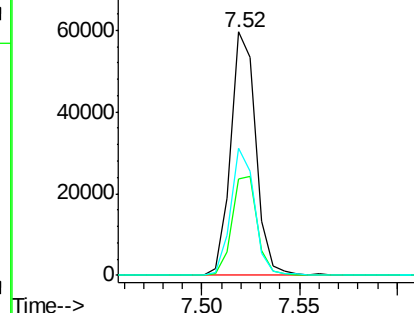
#23
Nitrobenzene-d5
Concen: 6.992 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106458.D
Acq: 14 Jun 2018 22:25

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

Tgt Ion: 82 Resp: 53428
Ion Ratio Lower Upper
82 100
128 39.8 36.1 54.1
54 52.1 41.4 62.2

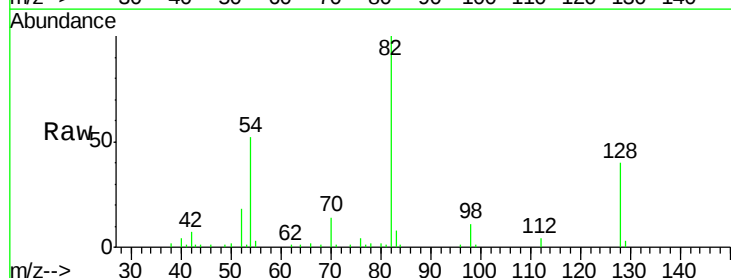


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

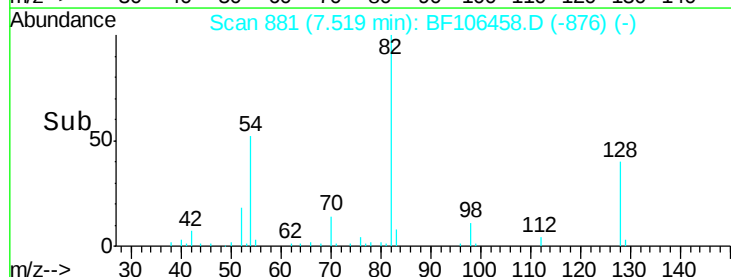
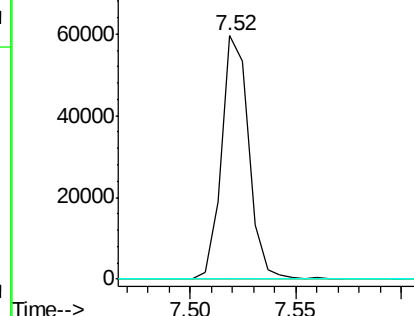


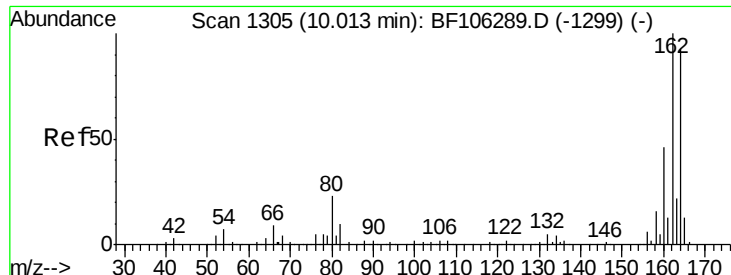
#25
Isophorone
Concen: 3.580 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF106458.D
Acq: 14 Jun 2018 22:25

Tgt Ion: 82 Resp: 53427
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



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

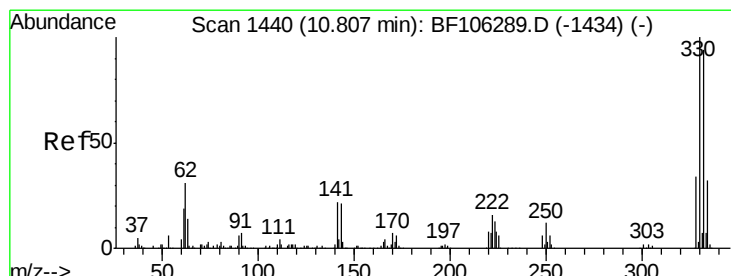
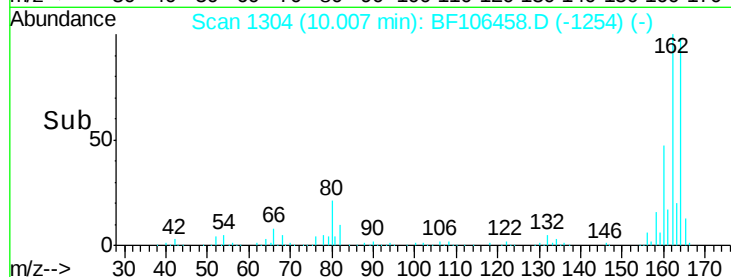
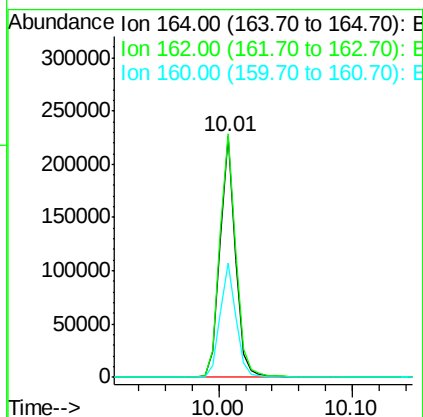
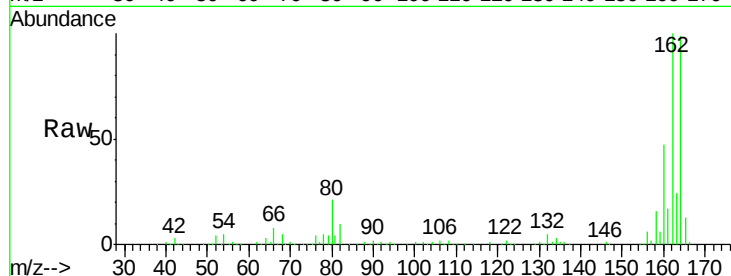




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106458.D
Acq: 14 Jun 2018 22:25

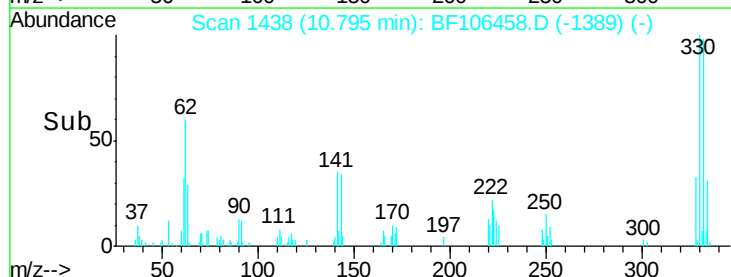
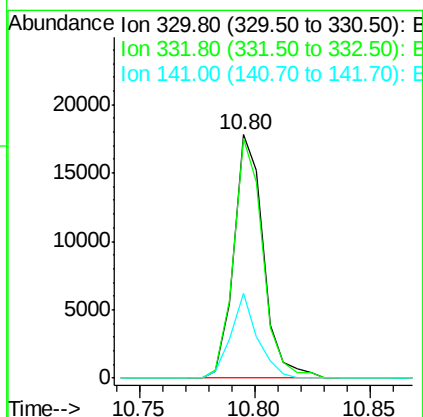
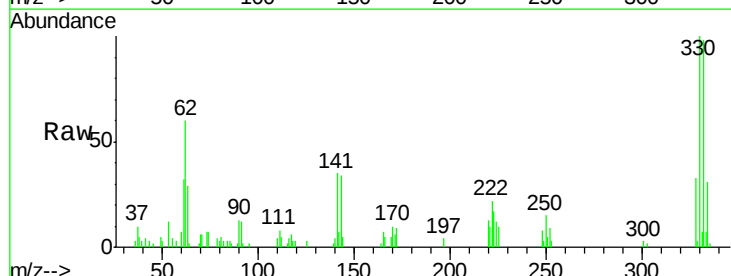
Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

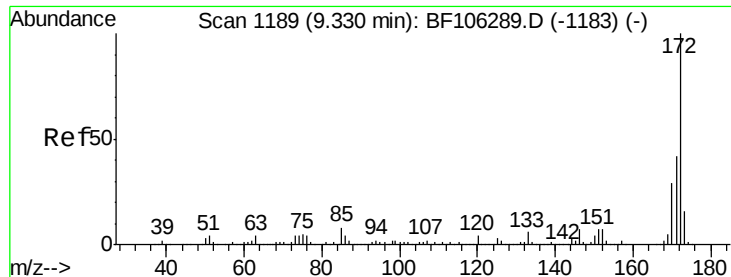
Tgt Ion:164 Resp: 186963
Ion Ratio Lower Upper
164 100
162 101.1 86.1 129.1
160 47.2 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 8.820 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106458.D
Acq: 14 Jun 2018 22:25

Tgt Ion:330 Resp: 15866
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 31.5 29.9 44.9

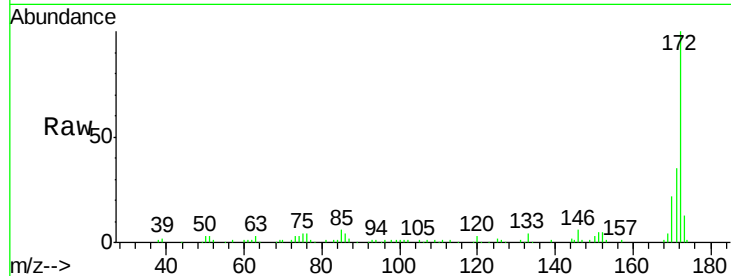




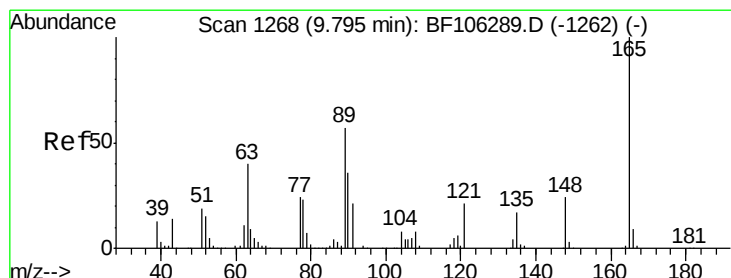
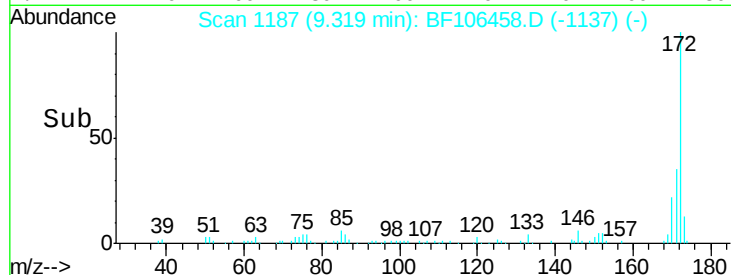
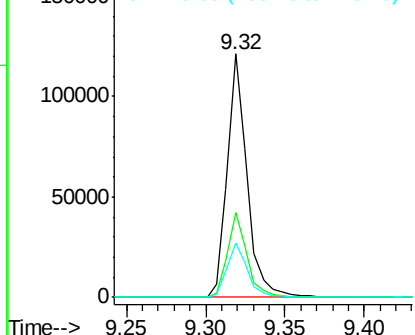
#44
2-Fluorobiphenyl
Concen: 0.897 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106458.D
Acq: 14 Jun 2018 22:25

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

Tgt Ion:172 Resp: 104729
Ion Ratio Lower Upper
172 100
171 35.0 29.7 44.5
170 22.5 19.6 29.4

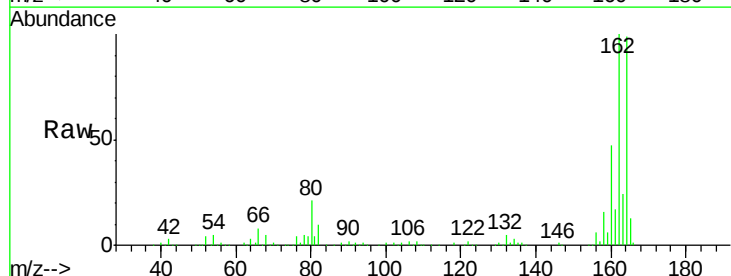


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

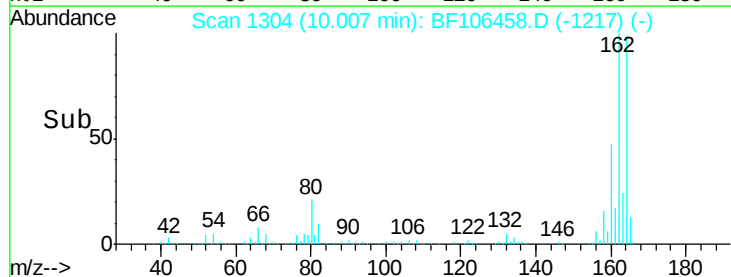
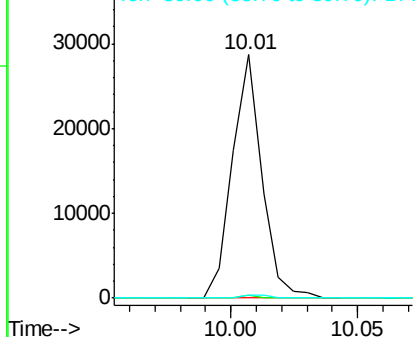


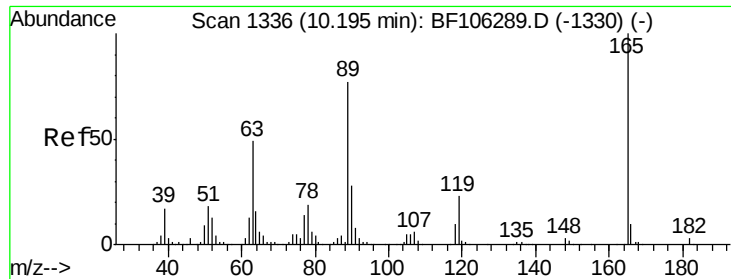
#50
2,6-Dinitrotoluene
Concen: 8.530 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF106458.D
Acq: 14 Jun 2018 22:25

Tgt Ion:165 Resp: 23274
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.3 44.0 66.0#



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

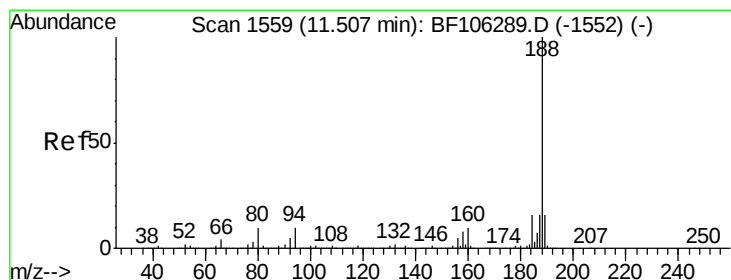
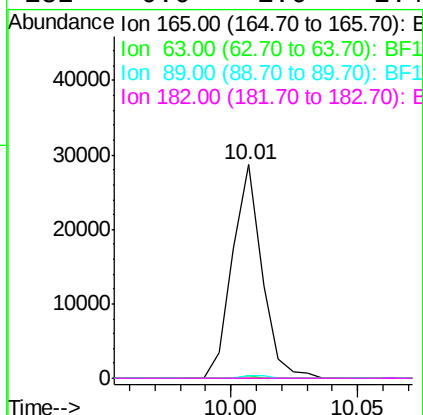
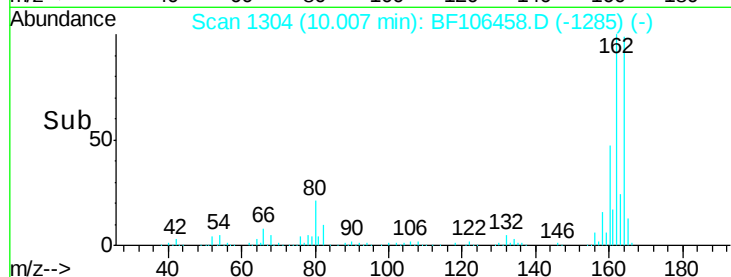
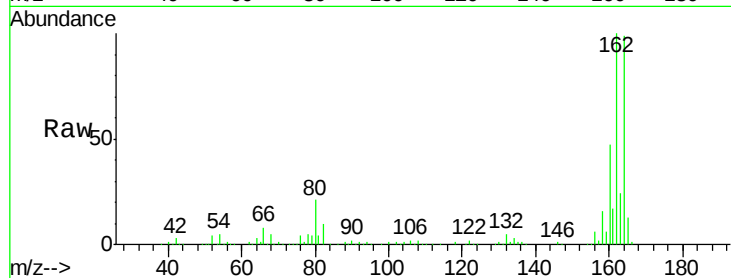




#56
2,4-Dinitrotoluene
Concen: 6.793 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106458.D
Acq: 14 Jun 2018 22:25

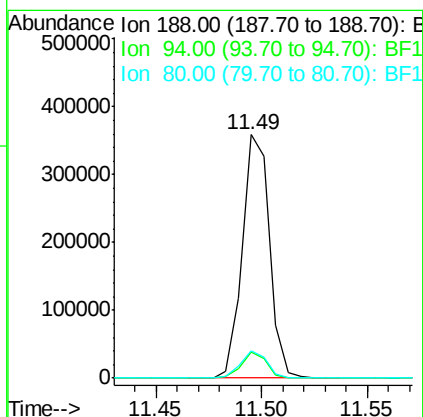
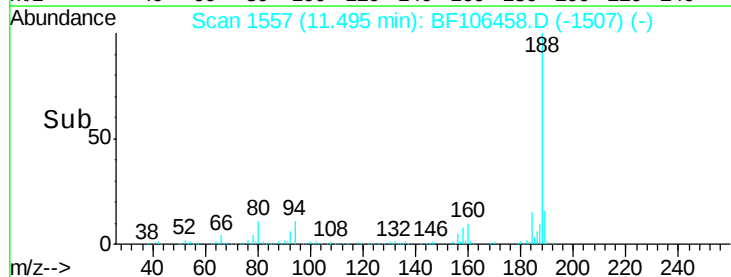
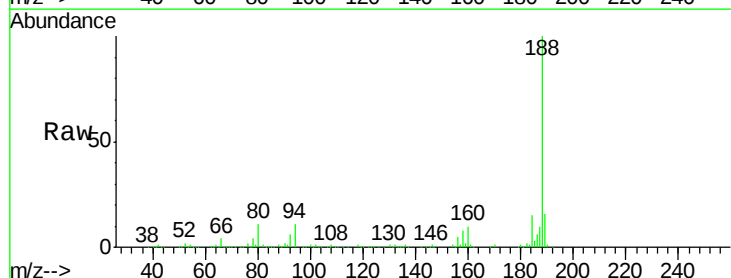
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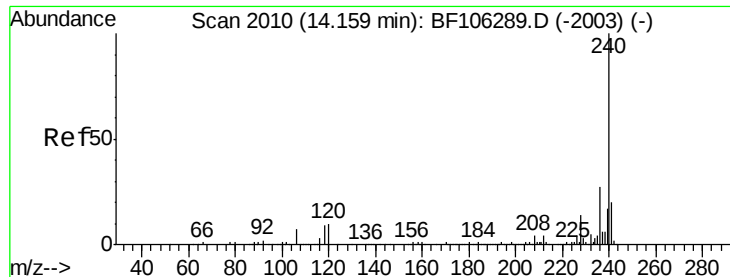
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106458.D
Acq: 14 Jun 2018 22:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.3	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106458.D

Acq: 14 Jun 2018 22:25

Instrument :

BNA_F

ClientSampleId :

OILY-SOIL

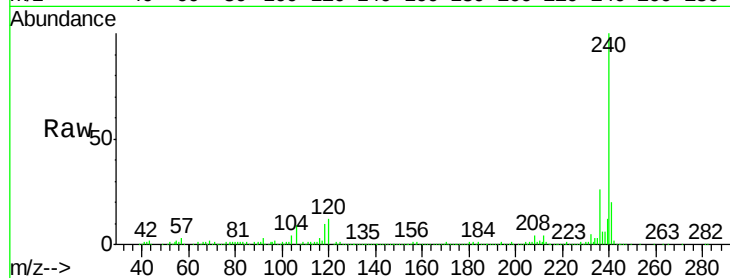
Tgt Ion:240 Resp: 312147

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

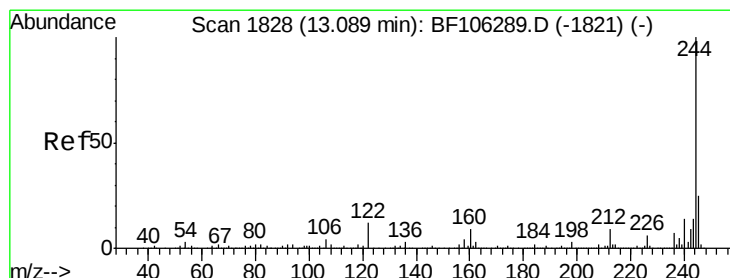
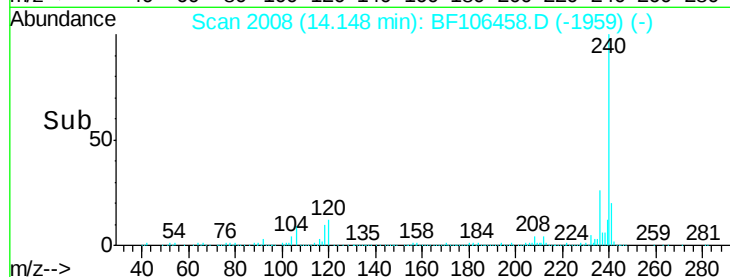
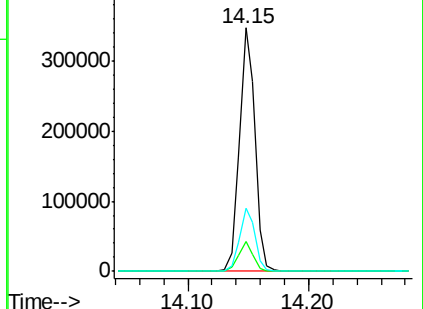
236 26.0 20.7 31.1



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: 7.749 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106458.D

Acq: 14 Jun 2018 22:25

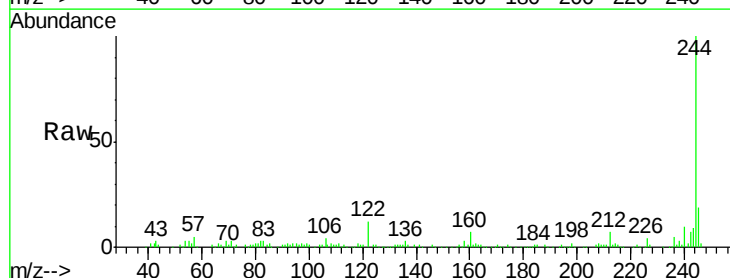
Tgt Ion:244 Resp: 97383

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

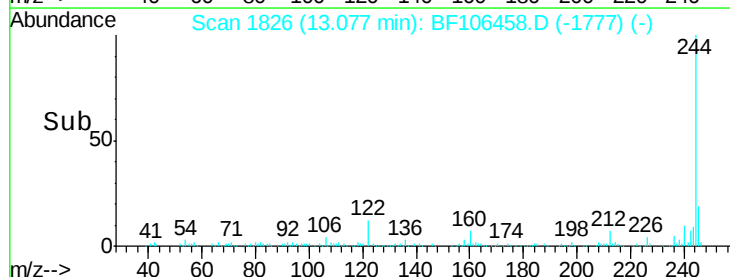
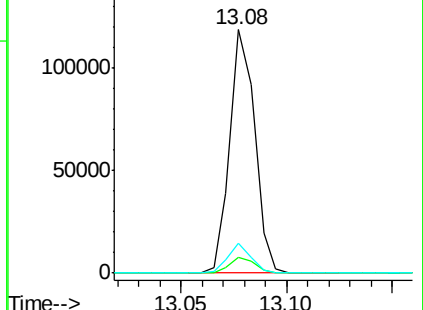
122 12.1 11.0 16.4

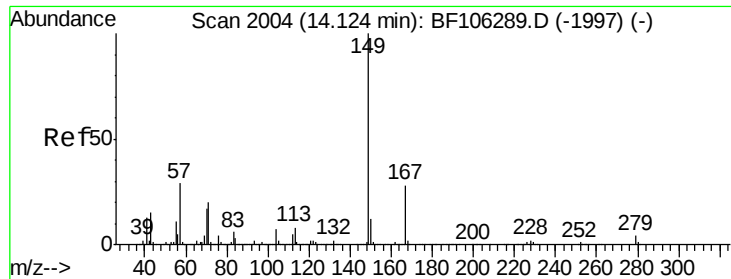


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

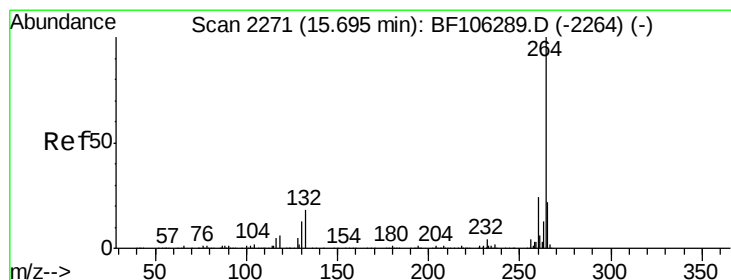
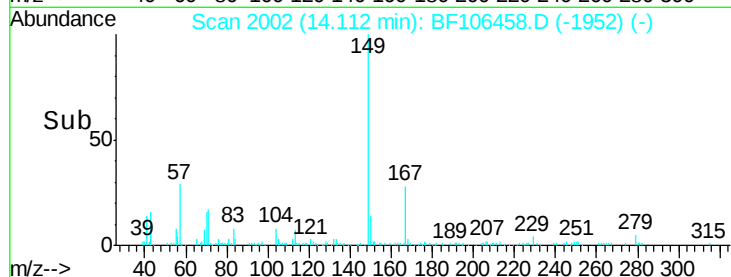
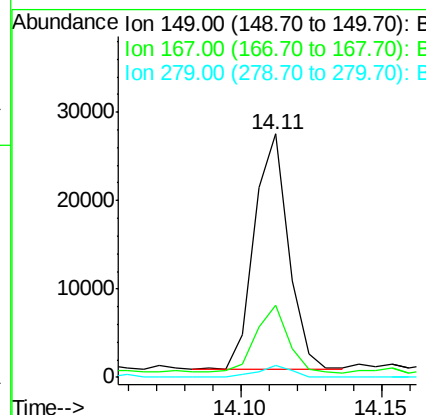
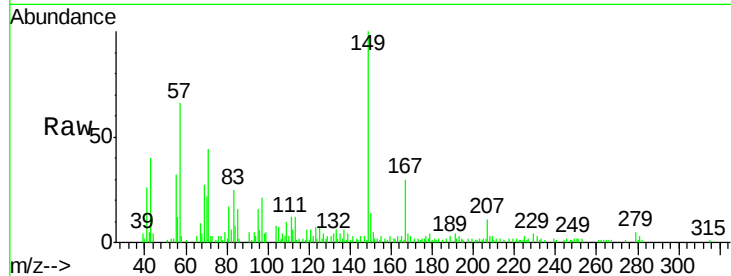




#83
Bis(2-ethylhexyl)phthalate
Concen: 2.109 ng
RT: 14.11 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF106458.D
Acq: 14 Jun 2018 22:25

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

Tgt Ion:149 Resp: 22121
Ion Ratio Lower Upper
149 100
167 29.8 21.3 31.9
279 5.1 3.0 4.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF106458.D
Acq: 14 Jun 2018 22:25

Tgt Ion:264 Resp: 216996
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.2 17.5 26.3

