

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111574.D
 Acq On : 18 Dec 2018 8:21
 Operator : JU/SJ
 Sample : J6429-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Quant Time: Dec 18 10:30:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

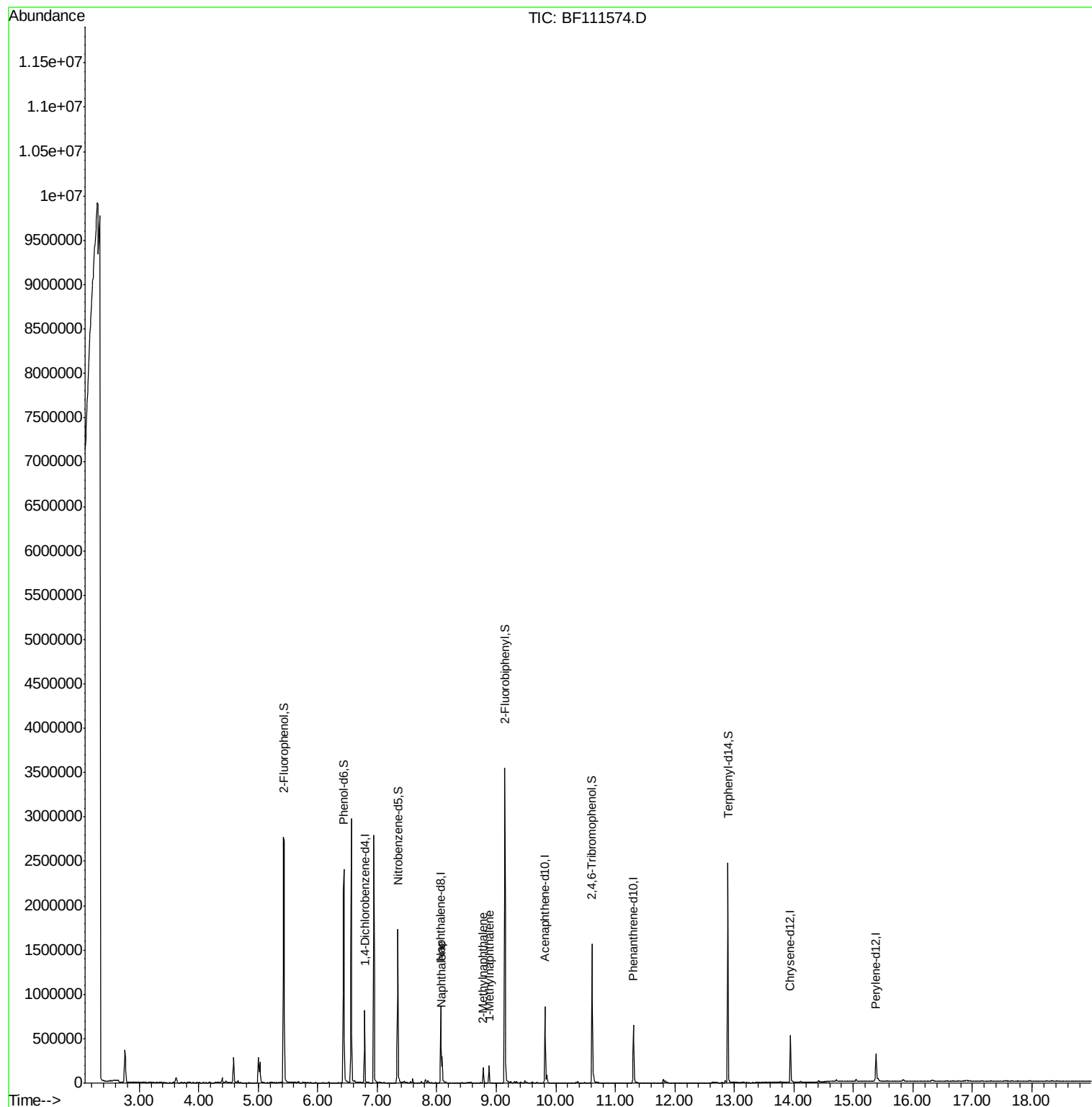
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107260	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	404825	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	173102	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	253827	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	206226	20.00	ng	0.00
87) Perylene-d12	15.38	264	156580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	812431	126.04	ng	0.02
7) Phenol-d6	6.44	99	784923	91.55	ng	0.00
23) Nitrobenzene-d5	7.35	82	604733	88.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	166919	107.65	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1118632	99.82	ng	-0.01
79) Terphenyl-d14	12.89	244	814568	92.75	ng	0.00
Target Compounds						
31) Naphthalene	8.09	128	156603	8.271	ng	95
37) 2-Methylnaphthalene	8.78	142	51923	4.052	ng	99
38) 1-Methylnaphthalene	8.88	142	54055	4.367	ng	96

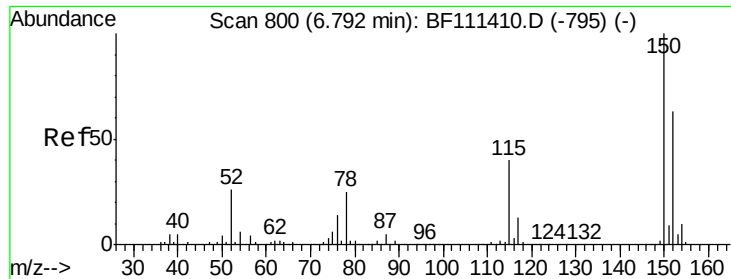
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF111574.D

Acq: 18 Dec 2018 8:21

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

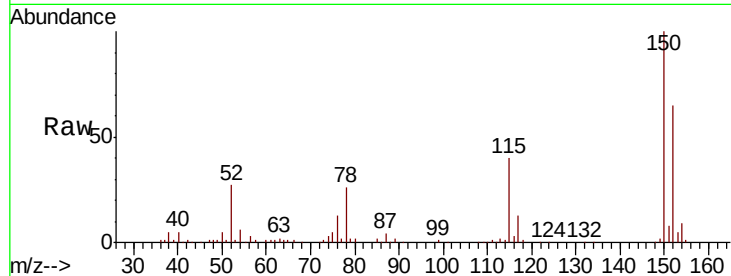
Tot Ion:152 Resp: 107260

Ion Ratio Lower Upper

152 100

150 154.9 126.6 189.8

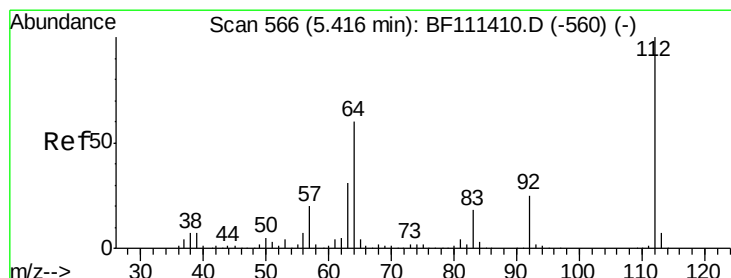
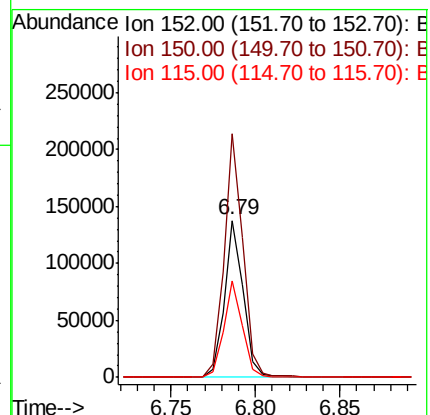
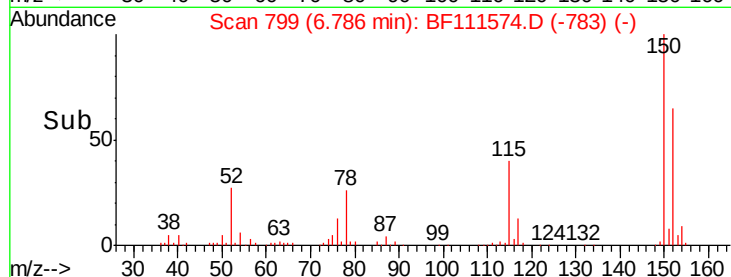
115 61.3 50.7 76.1



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: 126.043 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF111574.D

Acq: 18 Dec 2018 8:21

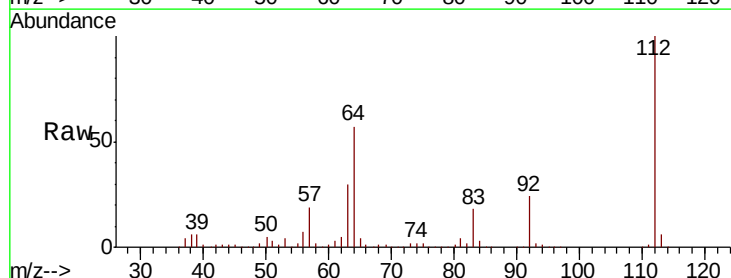
Tgt Ion:112 Resp: 812431

Ion Ratio Lower Upper

112 100

64 56.5 51.8 77.6

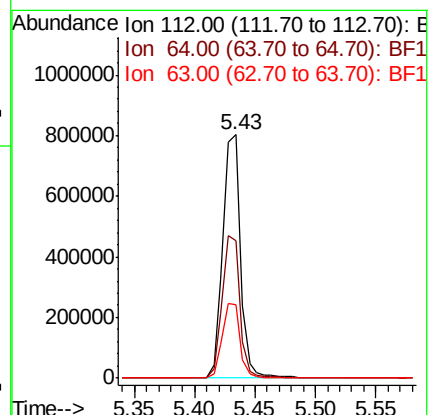
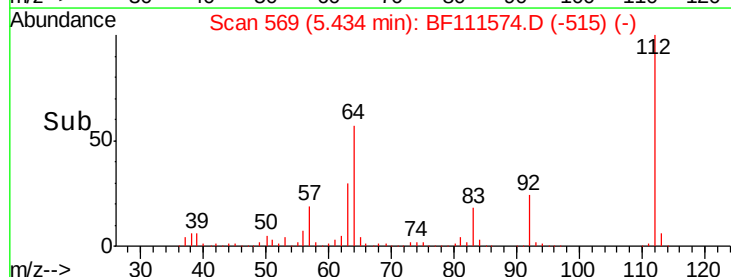
63 30.2 26.8 40.2

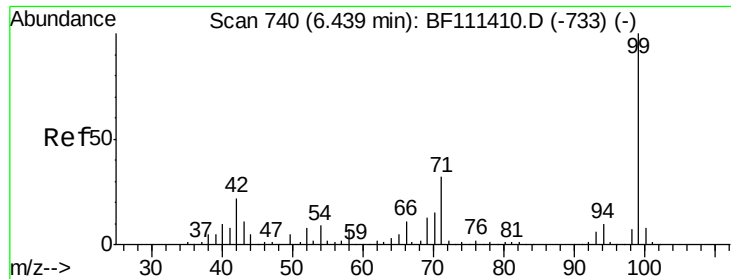


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 91.548 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111574.D

Acq: 18 Dec 2018 8:21

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

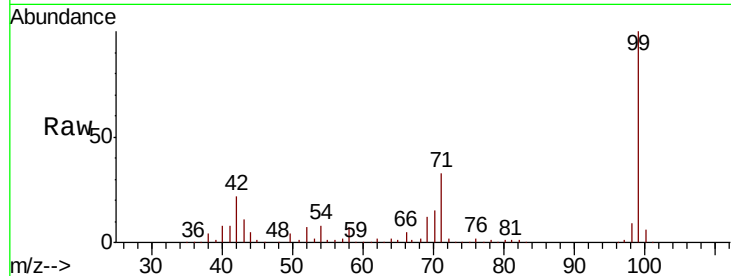
Tot Ion: 99 Resp: 784923

Ion Ratio Lower Upper

99 100

42 22.0 17.4 26.0

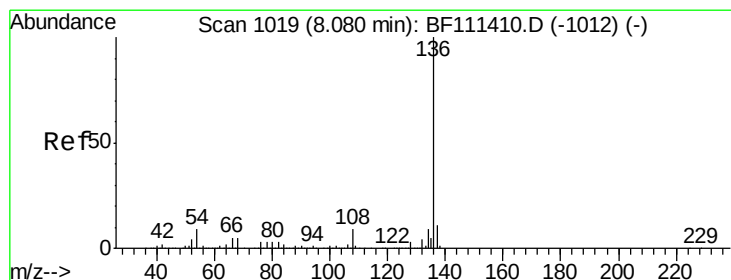
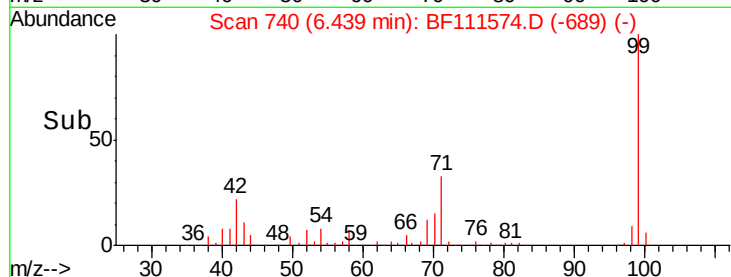
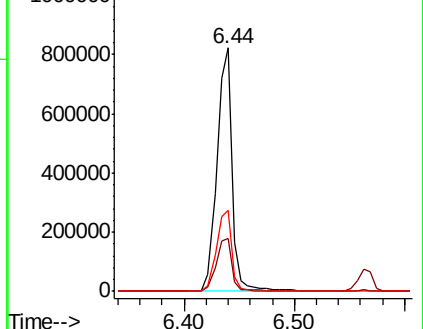
71 33.2 26.1 39.1



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: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF111574.D

Acq: 18 Dec 2018 8:21

Tgt Ion: 136 Resp: 404825

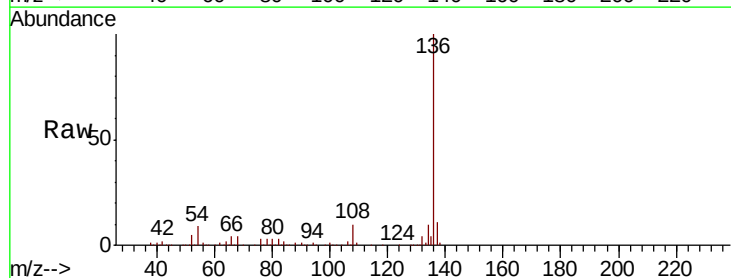
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.9 7.7 11.5

68 3.9 4.9 7.3#

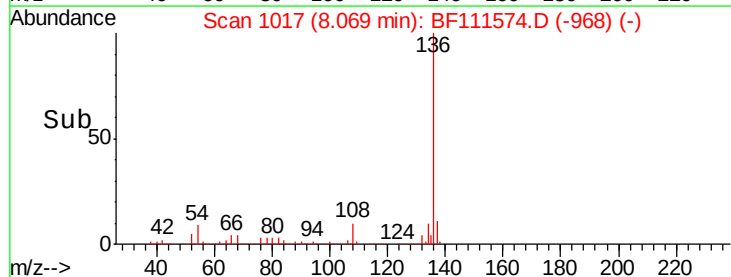
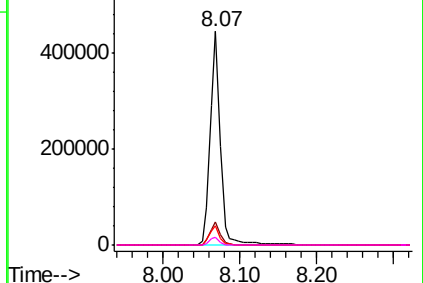


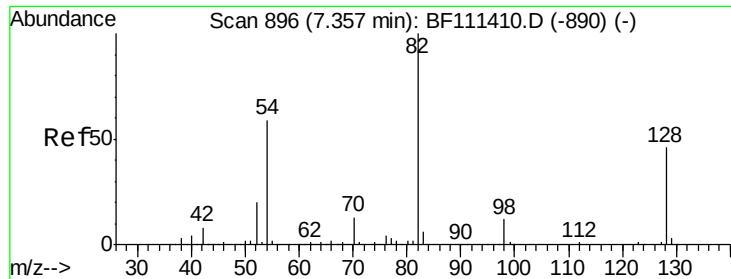
Abundance Ion 136.00 (135.70 to 136.70): E

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

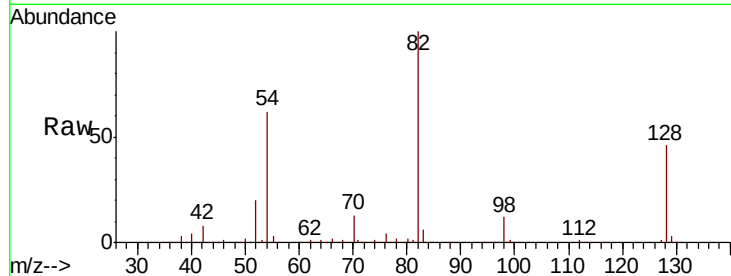




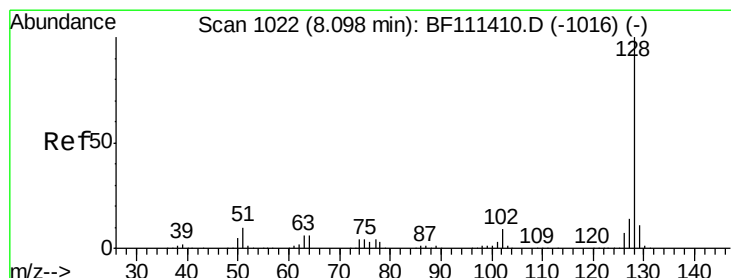
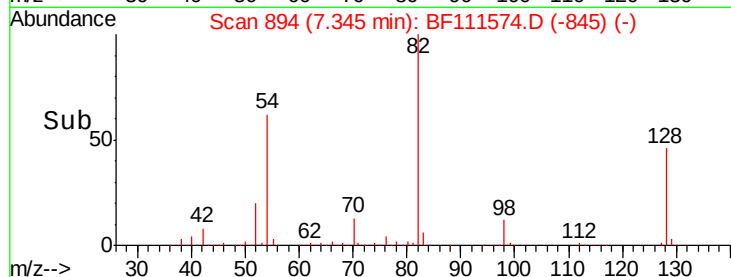
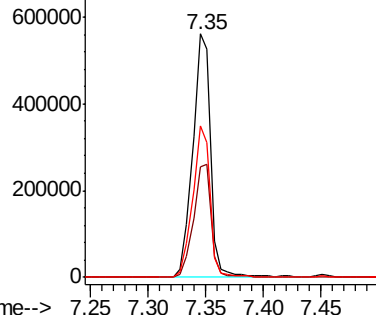
#23
Nitrobenzene-d5
Concen: 88.955 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111574.D
Acq: 18 Dec 2018 8:21

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tot Ion	82	Resp	604733
Ion Ratio	Lower	Upper	
82	100		
128	45.5	37.4	56.2
54	62.2	47.6	71.4

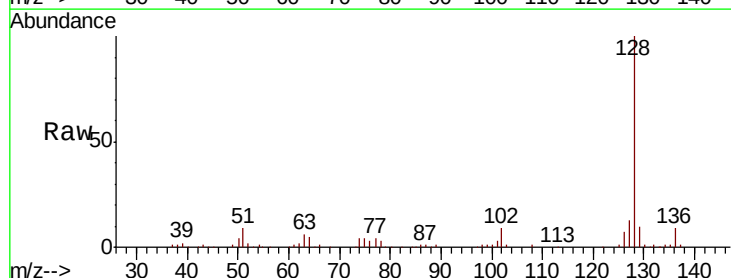


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

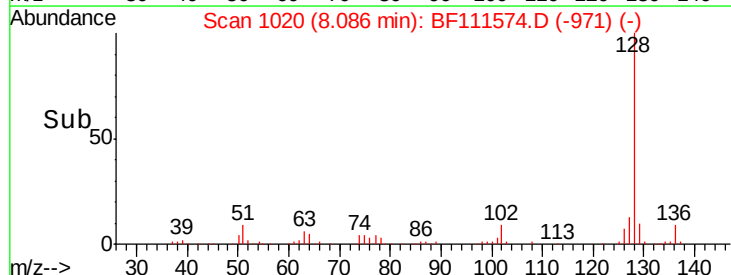
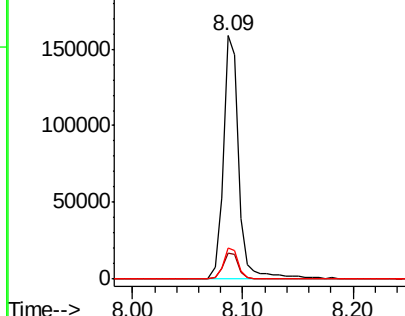


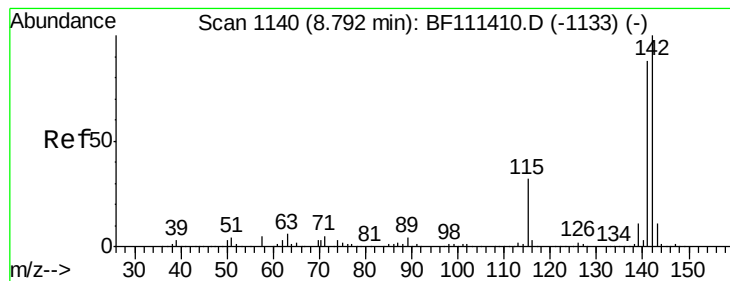
#31
Naphthalene
Concen: 8.271 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF111574.D
Acq: 18 Dec 2018 8:21

Tgt Ion	128	Resp	156603
Ion Ratio	Lower	Upper	
128	100		
129	10.5	9.8	14.8
127	12.6	12.0	18.0



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: 4.052 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF111574.D

Acq: 18 Dec 2018 8:21

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

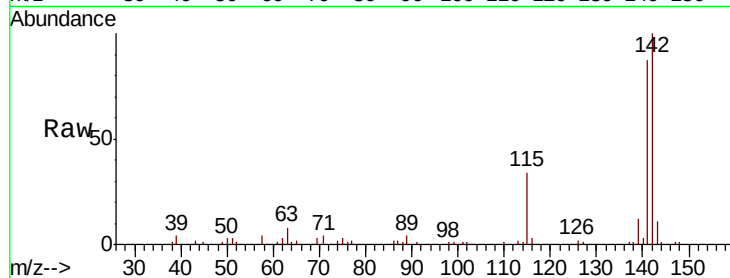
Tot Ion:142 Resp: 51923

Ion Ratio Lower Upper

142 100

141 86.7 70.6 105.8

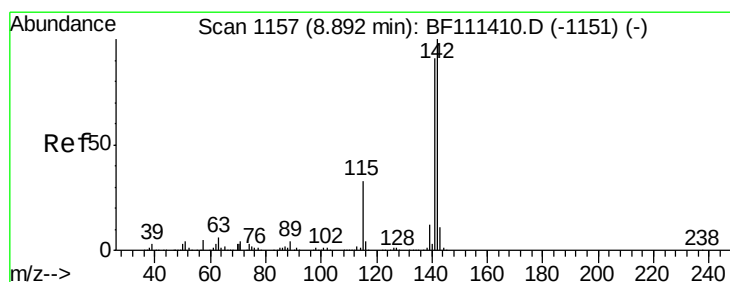
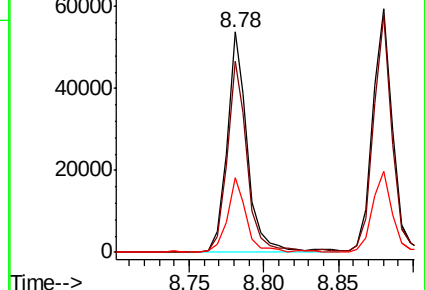
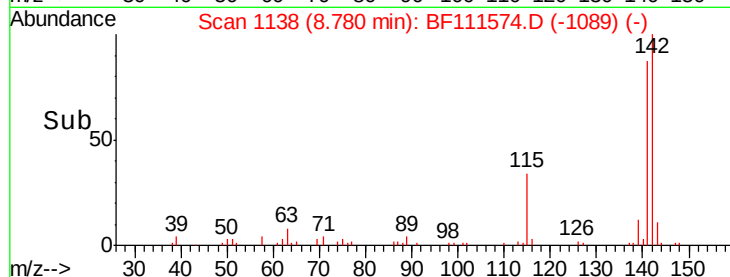
115 33.7 27.0 40.6



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: 4.367 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF111574.D

Acq: 18 Dec 2018 8:21

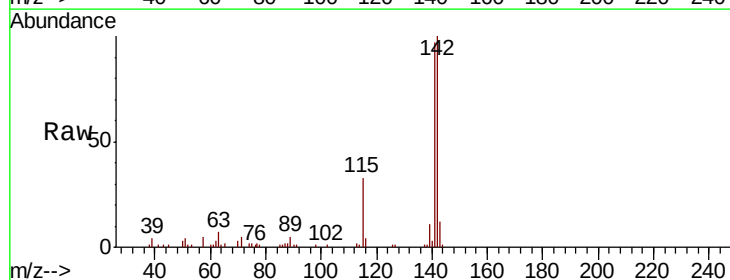
Tgt Ion:142 Resp: 54055

Ion Ratio Lower Upper

142 100

141 97.2 74.2 111.4

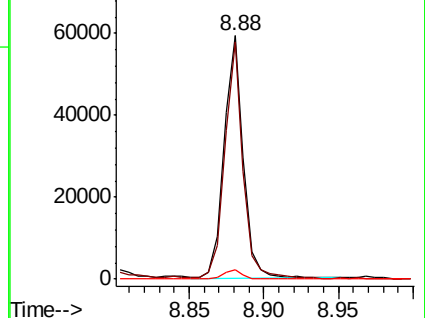
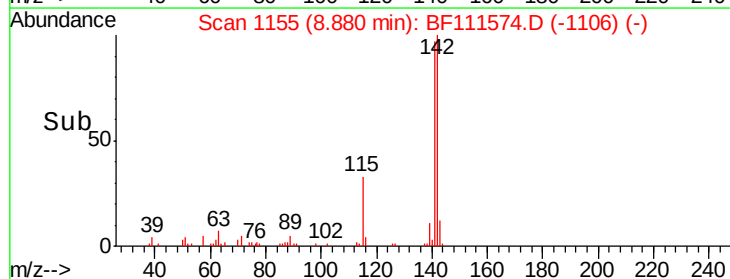
116 4.1 2.9 4.3

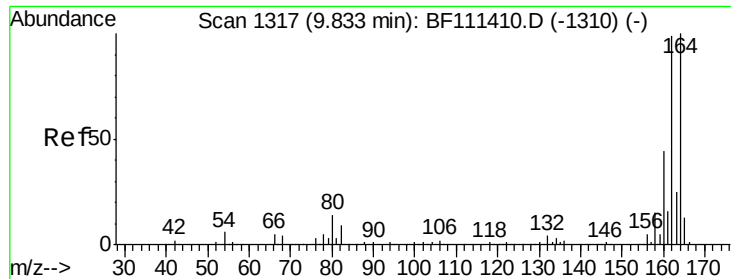


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF111574.D

Acq: 18 Dec 2018 8:21

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

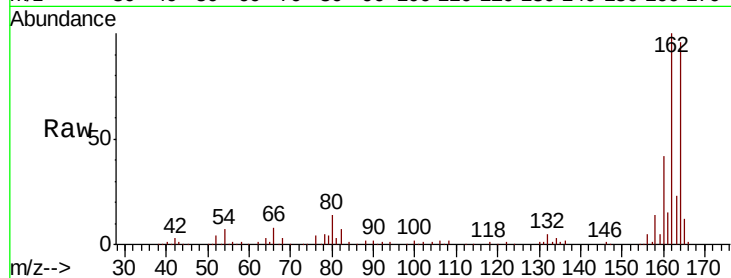
Tot Ion:164 Resp: 173102

Ion Ratio Lower Upper

164 100

162 103.6 81.4 122.0

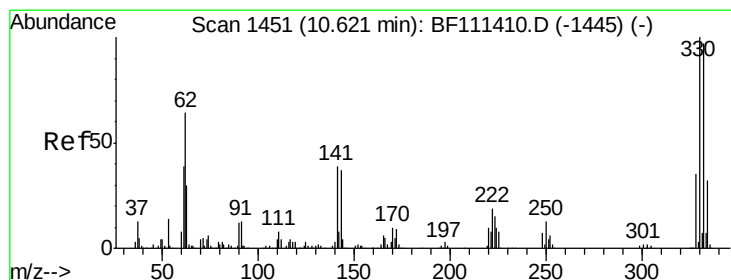
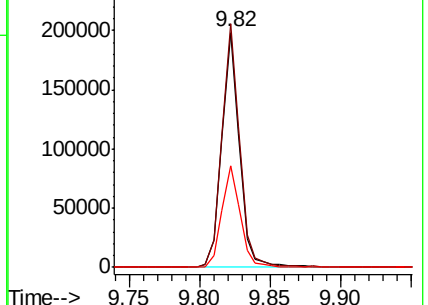
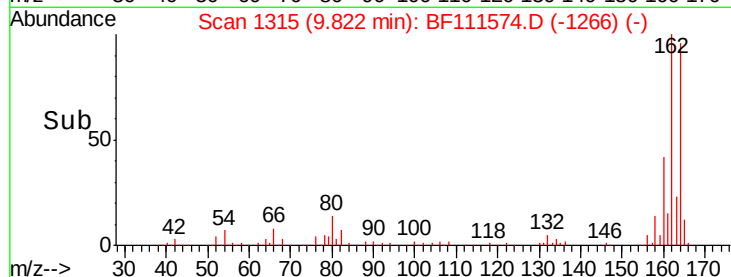
160 43.5 35.7 53.5



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



#42

2,4,6-Tribromophenol

Concen: 107.646 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF111574.D

Acq: 18 Dec 2018 8:21

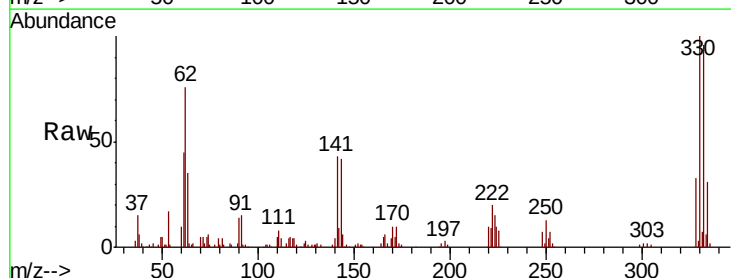
Tgt Ion:330 Resp: 166919

Ion Ratio Lower Upper

330 100

332 97.8 76.0 114.0

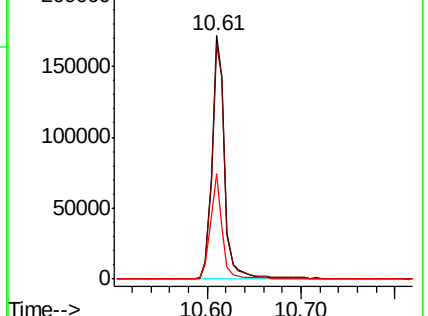
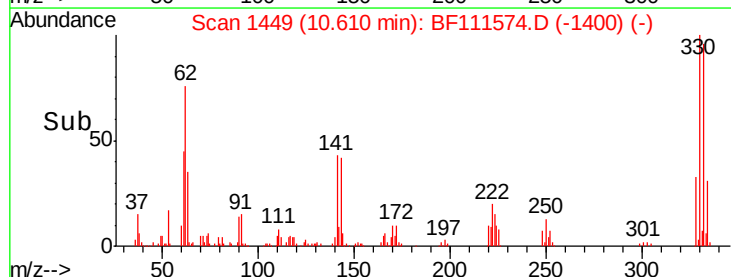
141 39.8 31.0 46.6

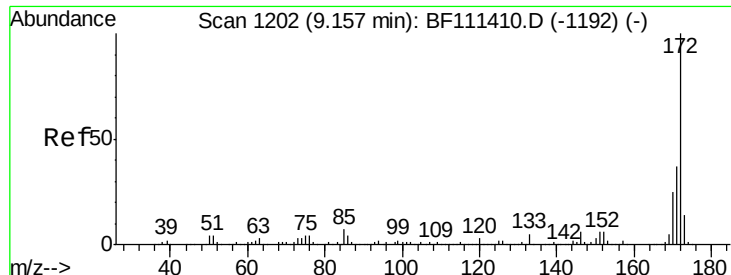


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



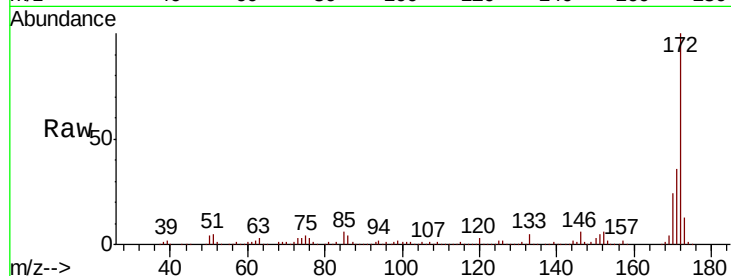


#45
 2-Fluorobiphenyl
 Concen: 99.819 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111574.D
 Acq: 18 Dec 2018 8:21

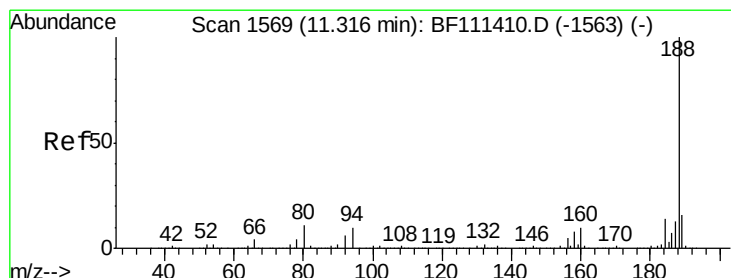
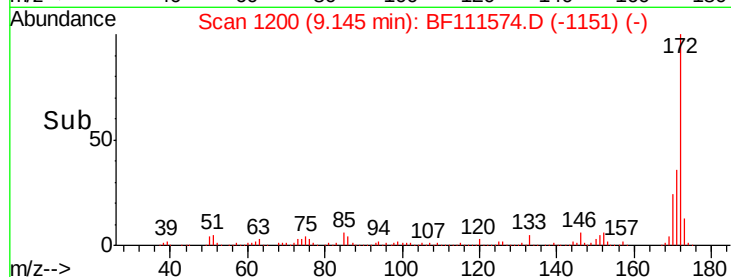
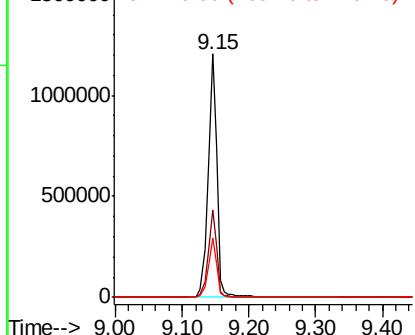
Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion:172 Resp: 1118632

Ion	Ratio	Lower	Upper
172	100		
171	35.7	33.0	49.4
170	24.4	22.3	33.5



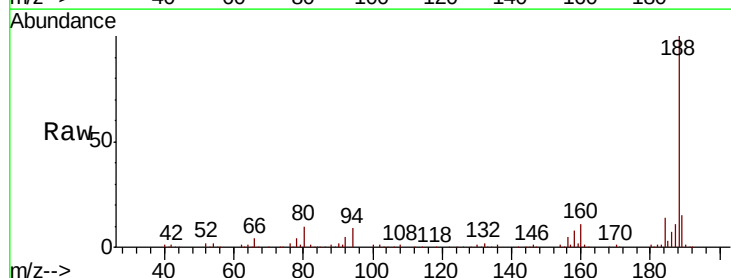
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



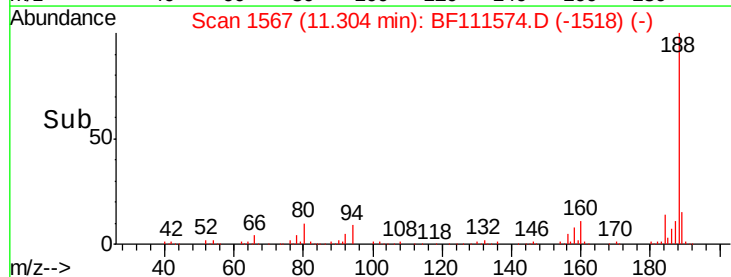
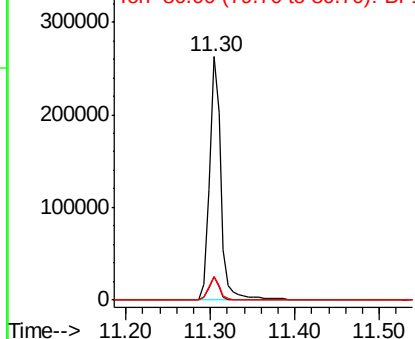
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF111574.D
 Acq: 18 Dec 2018 8:21

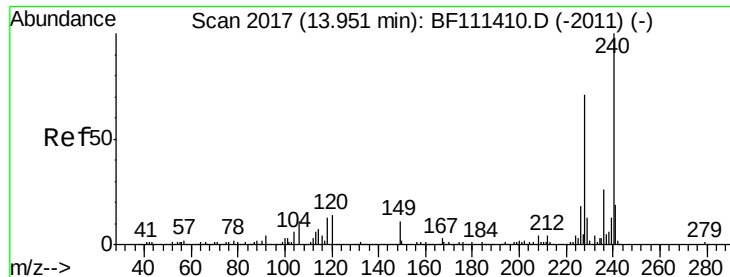
Tgt Ion:188 Resp: 253827

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.6	14.4#
80	9.8	9.8	14.6



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: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111574.D

Acq: 18 Dec 2018 8:21

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

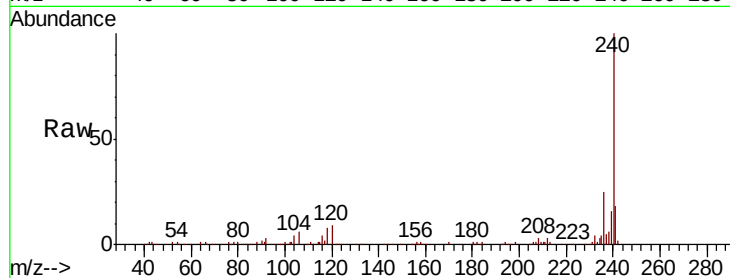
Tot Ion:240 Resp: 206226

Ion Ratio Lower Upper

240 100

120 8.9 12.2 18.2#

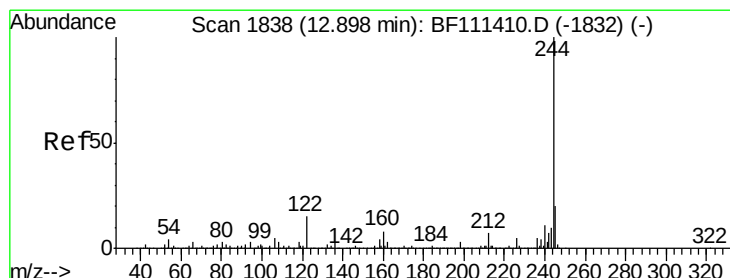
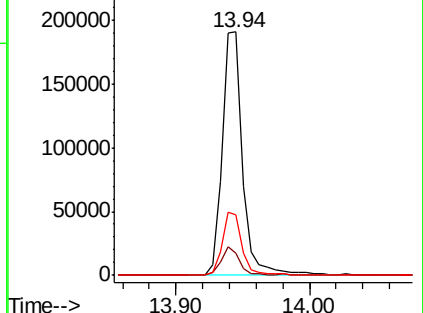
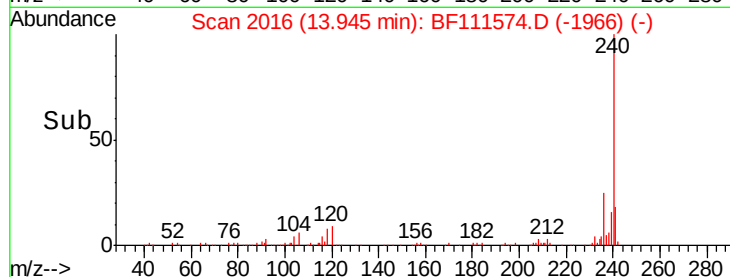
236 25.0 20.2 30.2



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: 92.753 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111574.D

Acq: 18 Dec 2018 8:21

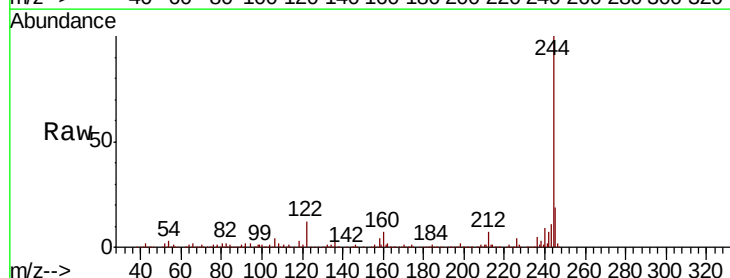
Tgt Ion:244 Resp: 814568

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

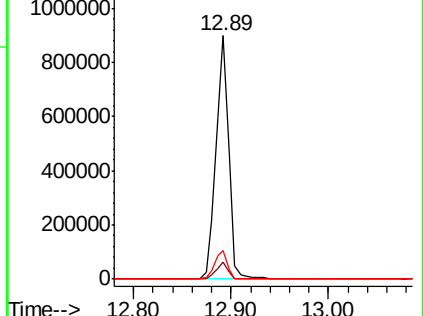
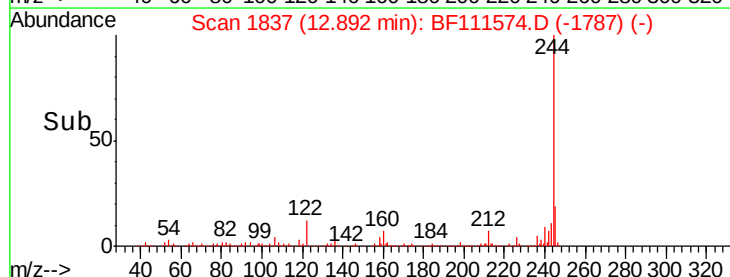
122 12.0 13.1 19.7#

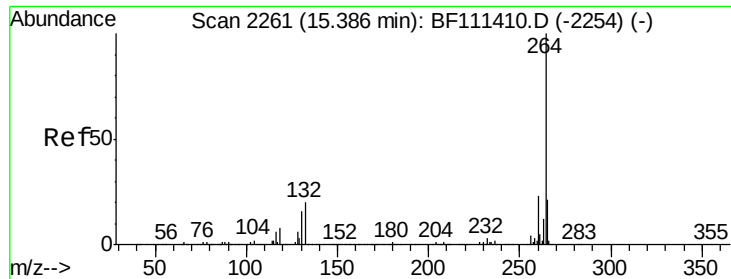


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.38 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BF111574.D
 Acq: 18 Dec 2018 8:21

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	22.5	17.7	26.5

