

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
 Data File : BF098671.D
 Acq On : 20 Sep 2017 20:24
 Operator : SJ/JU
 Sample : I5288-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-A-OILYSTONES

Quant Time: Sep 21 08:51:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

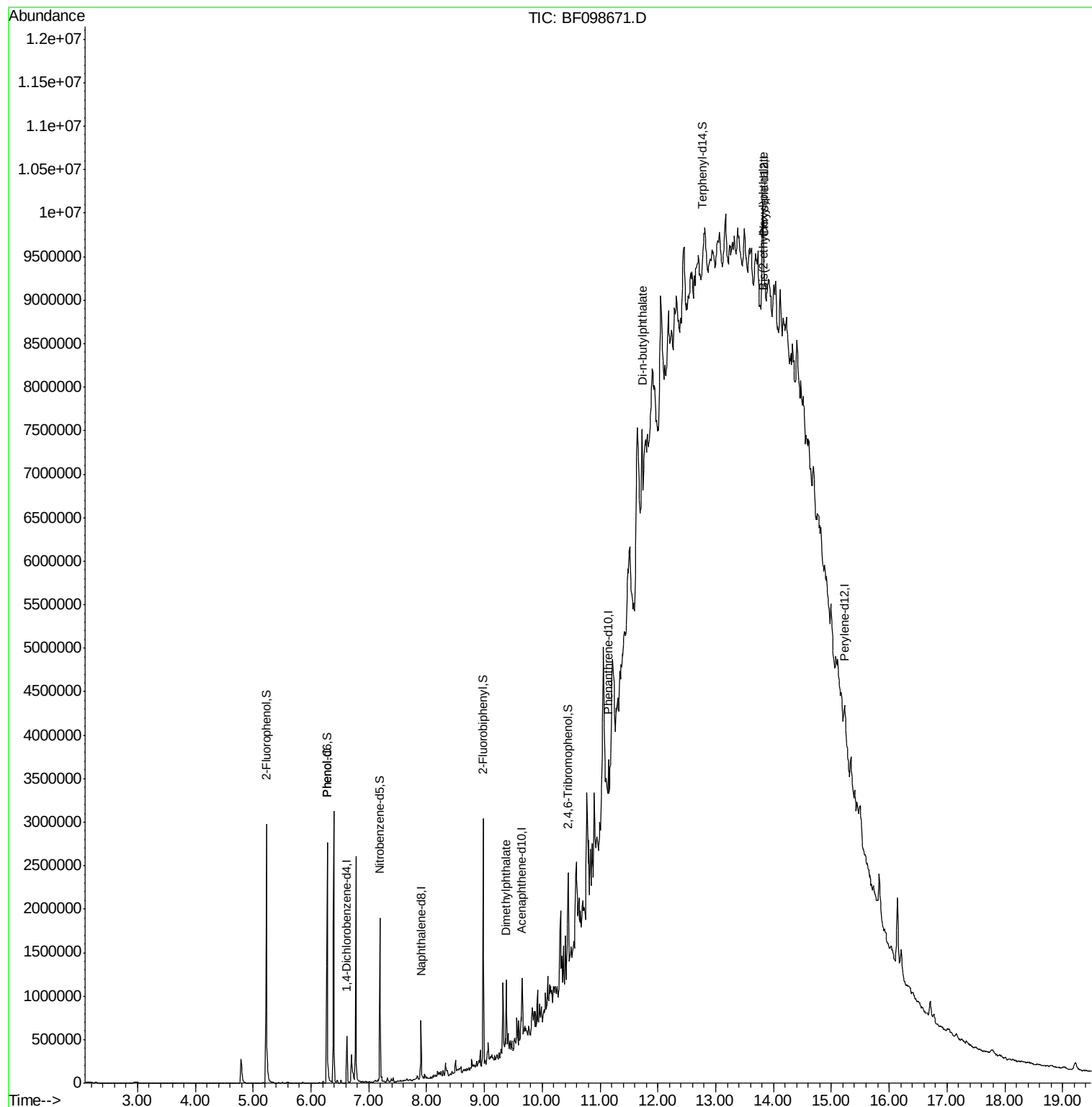
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	83300	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	271709	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	106811	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	181125	20.00	ng	0.00
75) Chrysene-d12	13.85	240	101151	20.00	ng	0.06
86) Perylene-d12	15.23	264	134409	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	871174	154.63	ng	-0.01
7) Phenol-d6	6.28	99	976454	136.50	ng	-0.01
23) Nitrobenzene-d5	7.19	82	557529	114.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.45	330	127393	178.70	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	757744	120.24	ng	-0.02
78) Terphenyl-d14	12.77	244	464223	99.06	ng	0.04
Target Compounds						
10) Phenol	6.29	94	32167	3.871	ng	# 72
49) Dimethylphthalate	9.38	163	188282	22.772	ng	98
73) Di-n-butylphthalate	11.72	149	1115356	101.321	ng	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	789190	181.652	ng	# 98

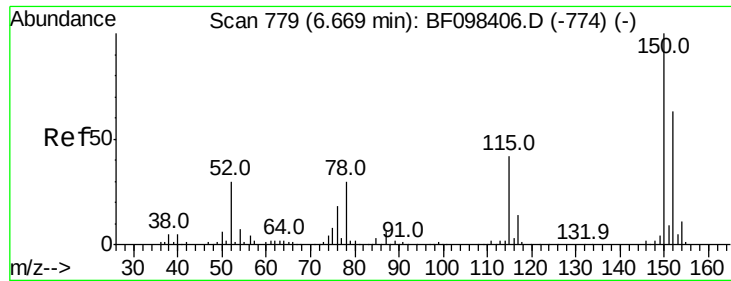
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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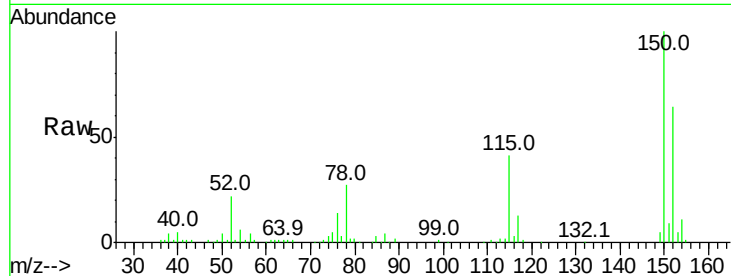


#1

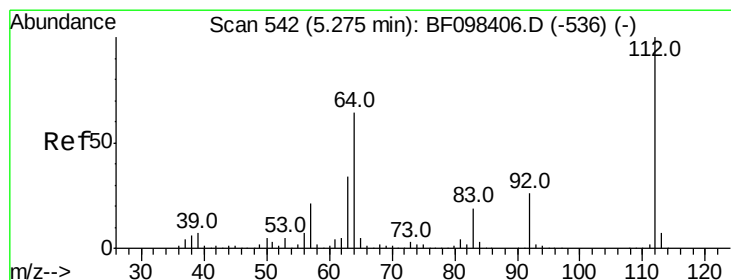
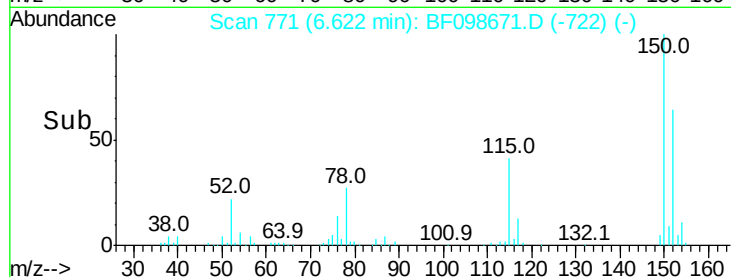
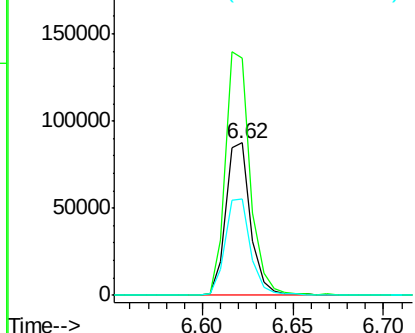
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.62 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF098671.D
 Acq: 20 Sep 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-A-OILYSTONES

Tot Ion:152 Resp: 83300
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.2 189.2
 115 63.6 52.2 78.2



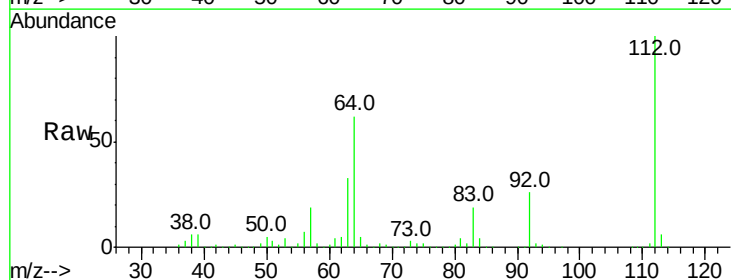
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



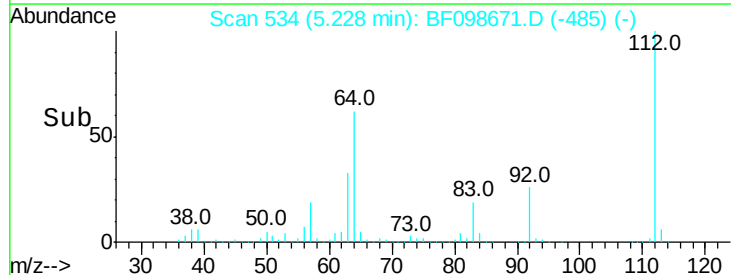
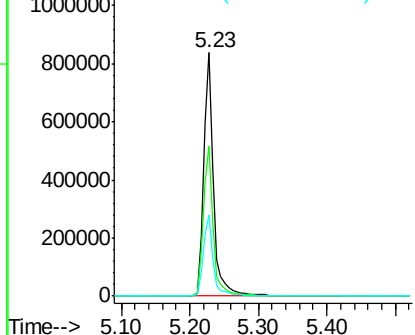
#5

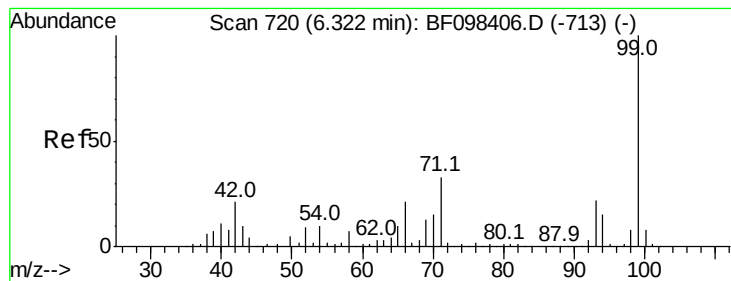
2-Fluorophenol
 Concen: 154.628 ng
 RT: 5.23 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: BF098671.D
 Acq: 20 Sep 2017 20:24

Tgt Ion:112 Resp: 871174
 Ion Ratio Lower Upper
 112 100
 64 61.8 46.0 69.0
 63 33.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.504 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF098671.D

Acq: 20 Sep 2017 20:24

Instrument :

BNA_F

ClientSampleId :

DRUM-A-OILYSTONES

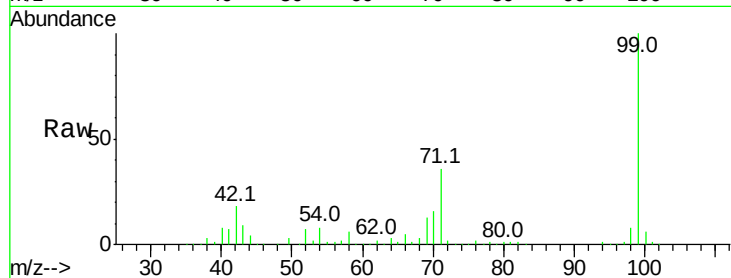
Tot Ion: 99 Resp: 976454

Ion Ratio Lower Upper

99 100

42 18.3 13.5 20.3

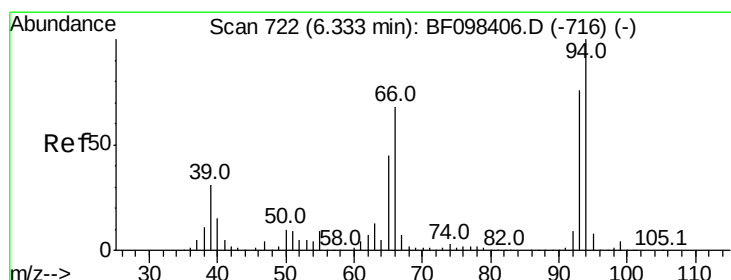
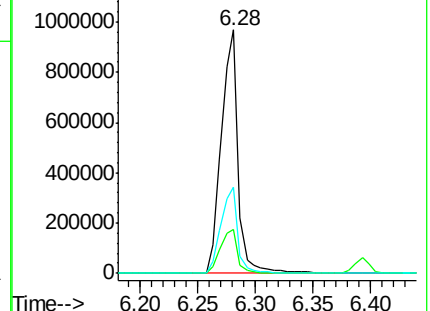
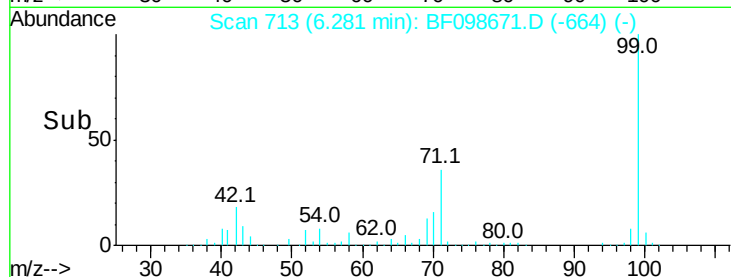
71 35.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.871 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF098671.D

Acq: 20 Sep 2017 20:24

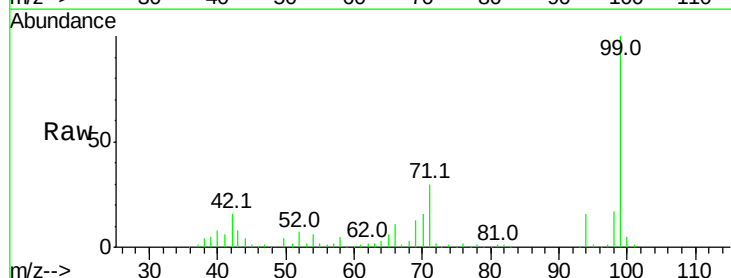
Tgt Ion: 94 Resp: 32167

Ion Ratio Lower Upper

94 100

65 36.5 9.9 49.9

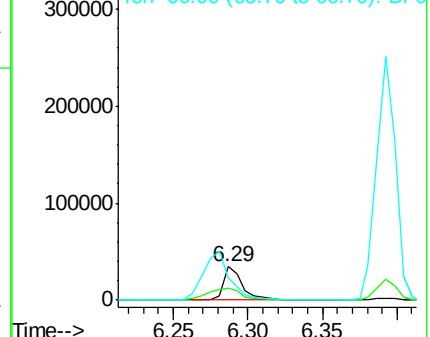
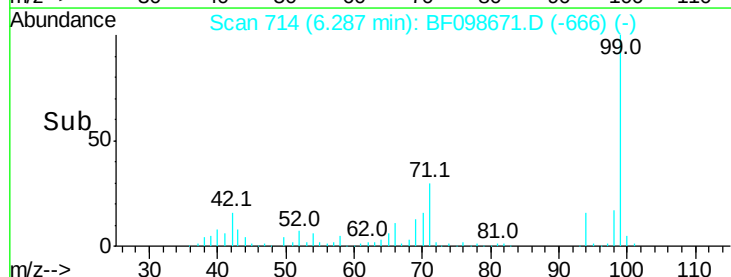
66 67.7 23.1 63.1#

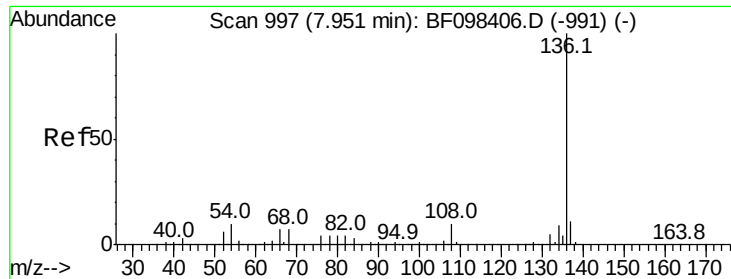


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF098671.D

Acq: 20 Sep 2017 20:24

Instrument :

BNA_F

ClientSampleId :

DRUM-A-OILYSTONES

Tot Ion:136 Resp: 271709

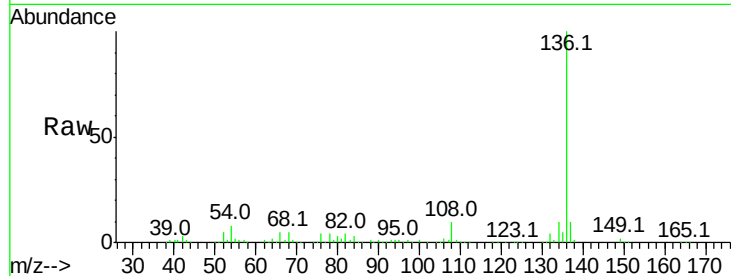
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 8.3 4.9 7.3#

68 5.1 4.1 6.1

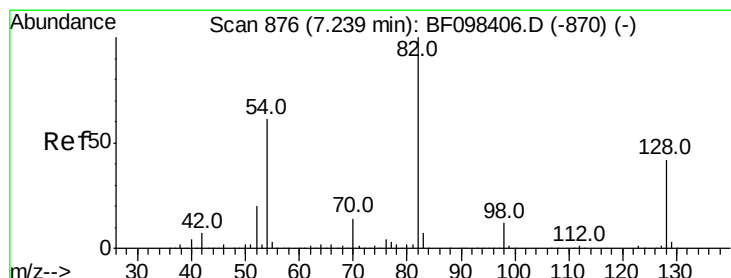
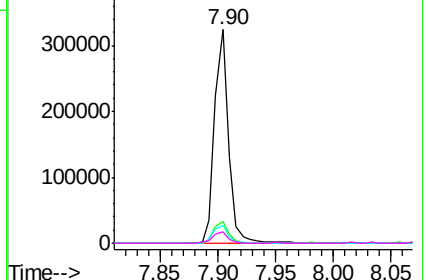
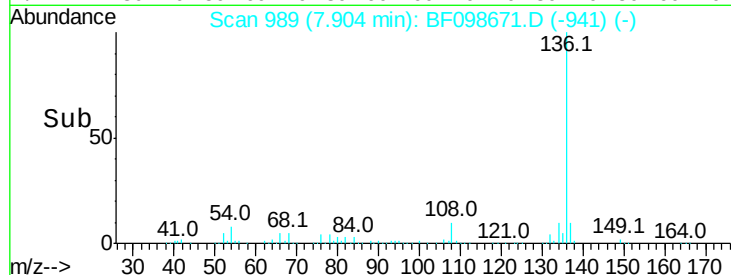


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 114.394 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BF098671.D

Acq: 20 Sep 2017 20:24

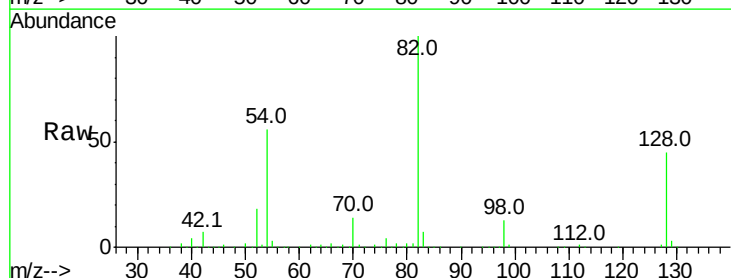
Tgt Ion: 82 Resp: 557529

Ion Ratio Lower Upper

82 100

128 44.9 34.0 51.0

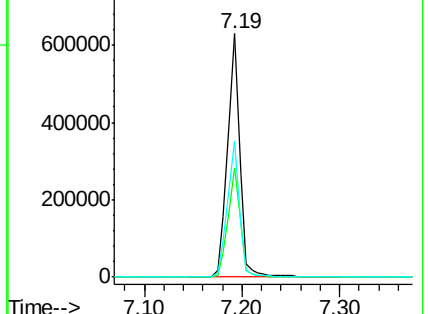
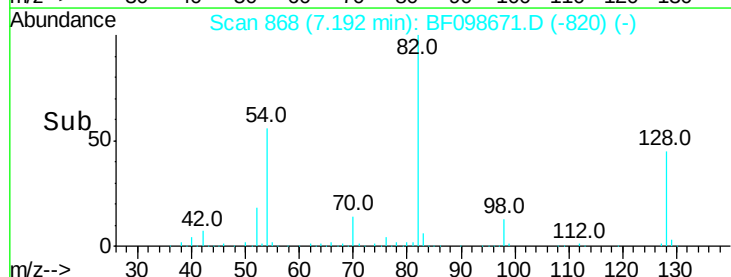
54 55.6 42.2 63.2

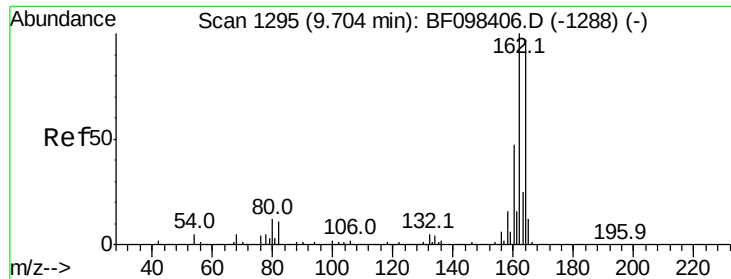


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF098671.D

Acq: 20 Sep 2017 20:24

Instrument :

BNA_F

ClientSampleId :

DRUM-A-OILYSTONES

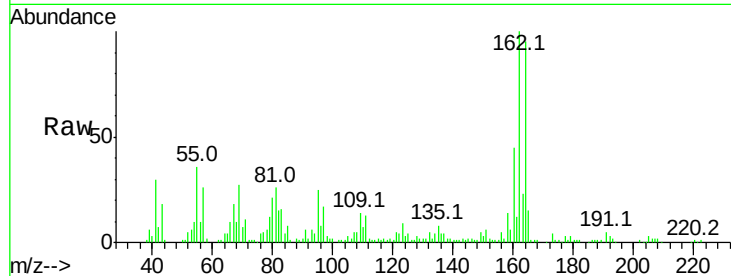
Tot Ion:164 Resp: 106811

Ion Ratio Lower Upper

164 100

162 104.9 82.6 123.8

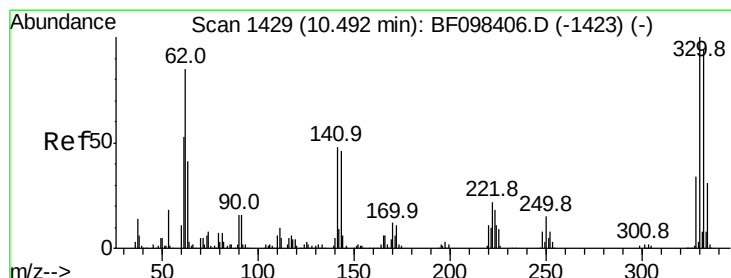
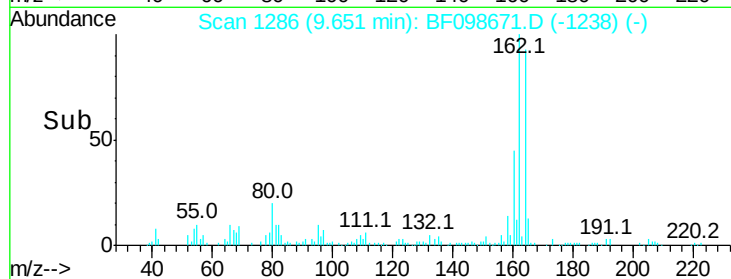
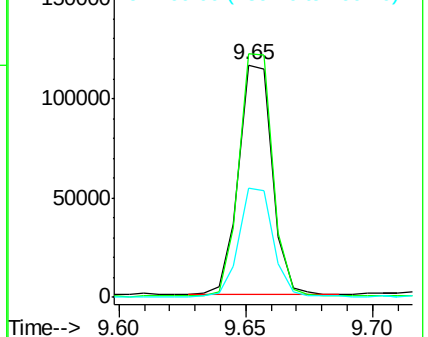
160 46.8 36.2 54.2



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: 178.703 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF098671.D

Acq: 20 Sep 2017 20:24

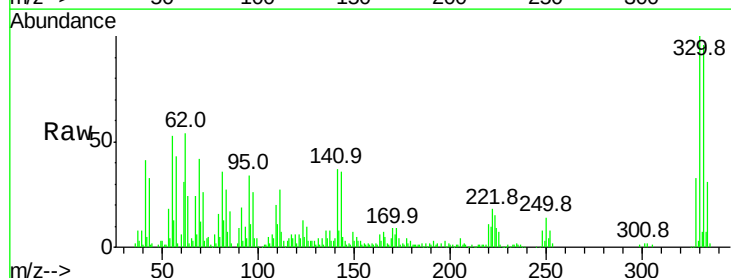
Tgt Ion:330 Resp: 127393

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

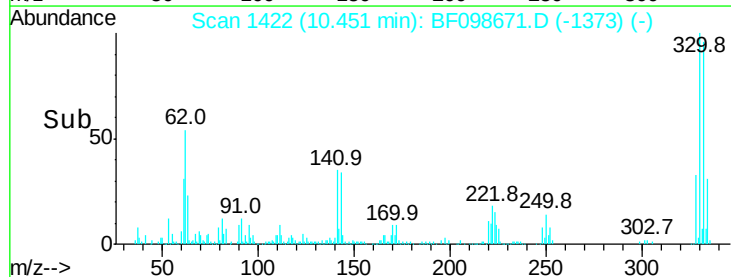
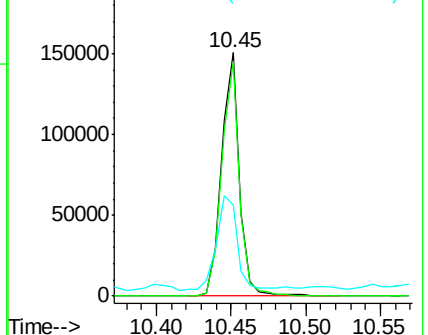
141 44.1 31.4 47.2

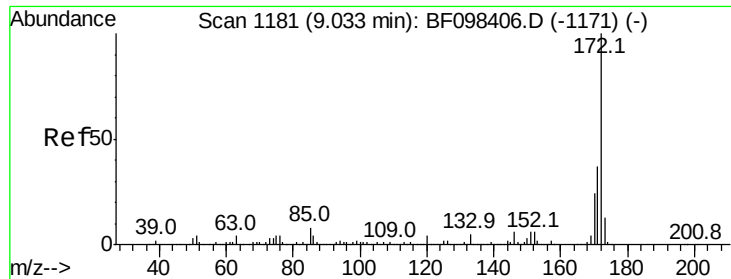


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 120.242 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF098671.D

Acq: 20 Sep 2017 20:24

Instrument :

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ClientSampleId :

DRUM-A-OILYSTONES

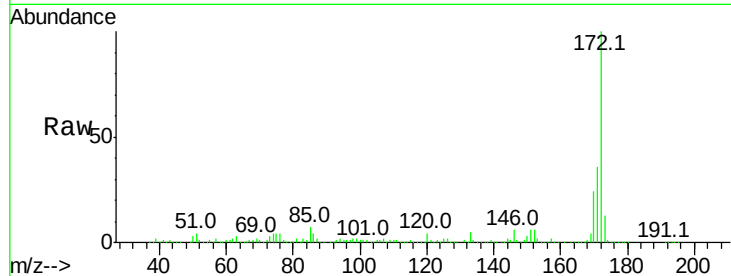
Tot Ion:172 Resp: 757744

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

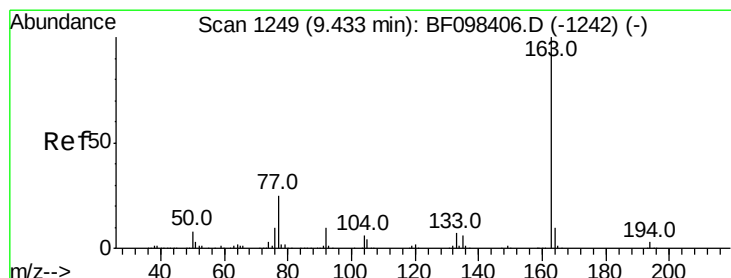
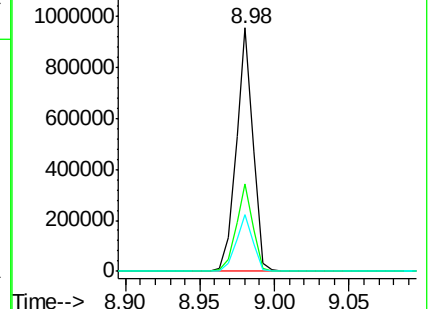
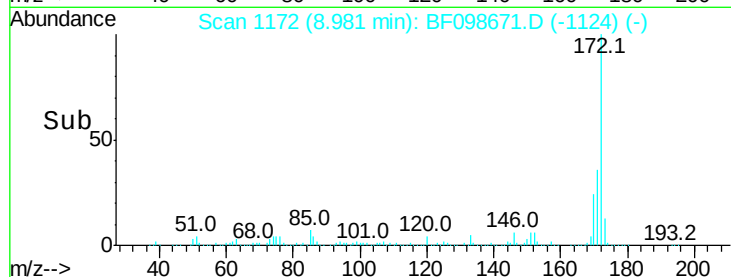
170 23.5 19.8 29.8



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



#49

Dimethylphthalate

Concen: 22.772 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BF098671.D

Acq: 20 Sep 2017 20:24

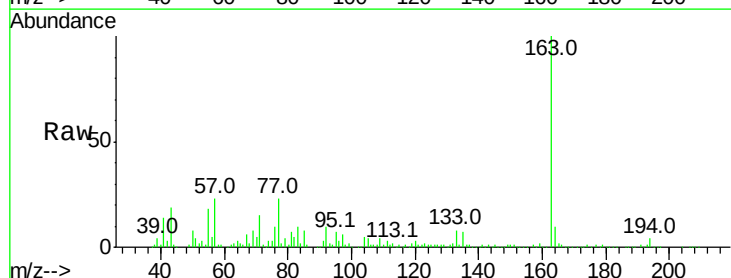
Tgt Ion:163 Resp: 188282

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

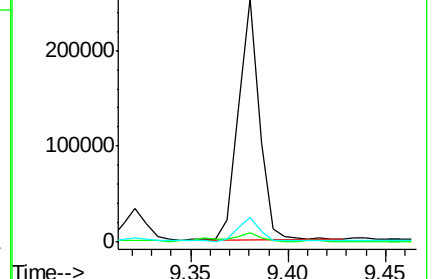
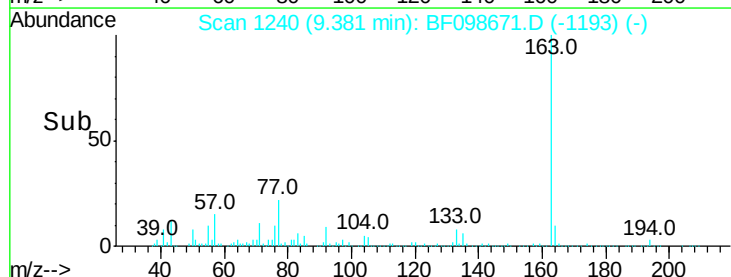
164 9.9 8.4 12.6

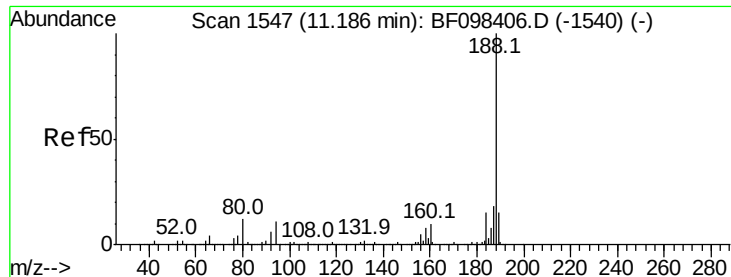


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

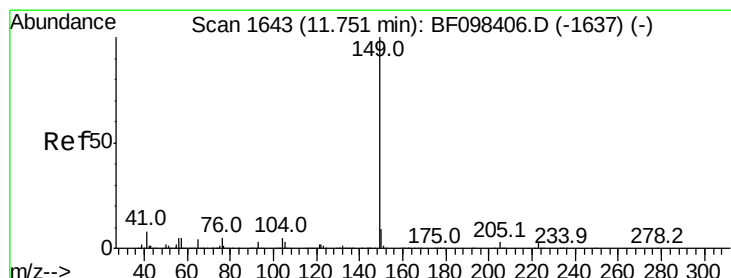
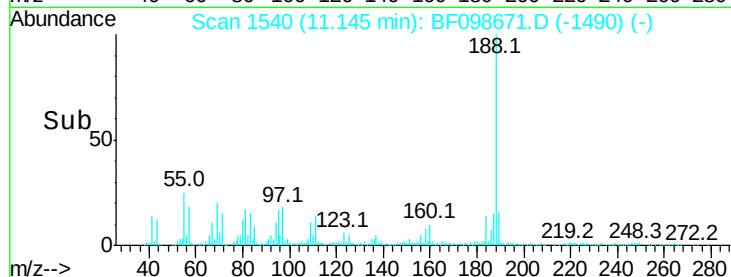
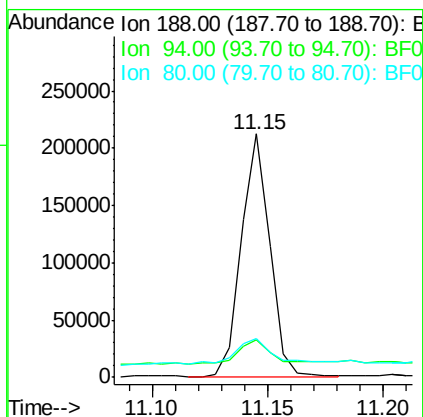
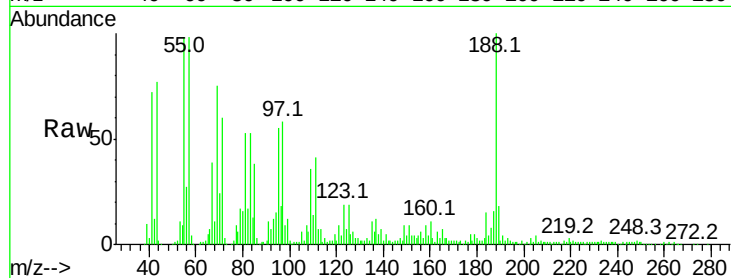




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF098671.D
Acq: 20 Sep 2017 20:24

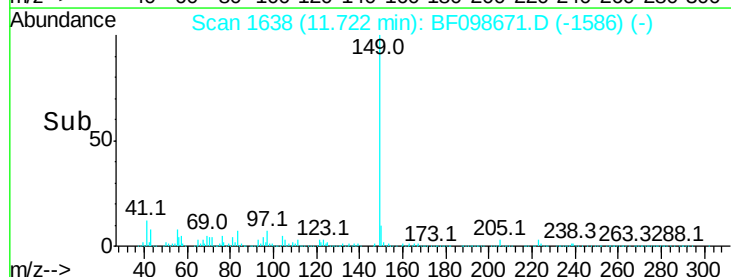
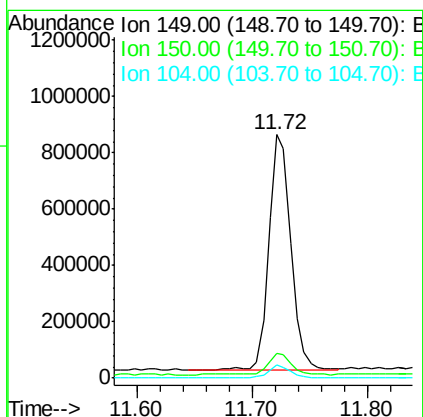
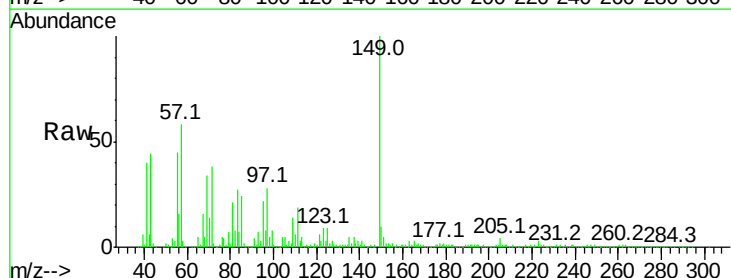
Instrument :
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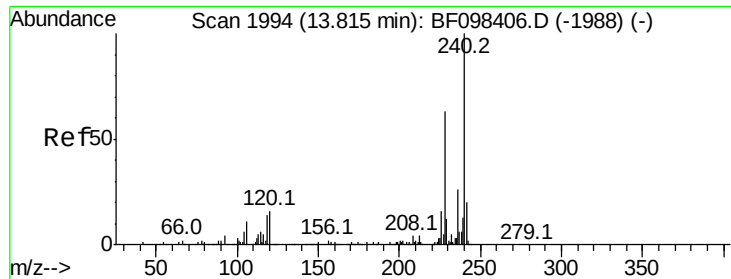
Tot Ion:188 Resp: 181125
Ion Ratio Lower Upper
188 100
94 15.3 9.4 14.2#
80 15.9 10.2 15.2#



#73
Di-n-butylphthalate
Concen: 101.321 ng
RT: 11.72 min Scan# 1638
Delta R.T. 0.01 min
Lab File: BF098671.D
Acq: 20 Sep 2017 20:24

Tgt Ion:149 Resp: 1115356
Ion Ratio Lower Upper
149 100
150 10.3 7.7 11.5
104 5.3 4.0 6.0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.06 min

Lab File: BF098671.D

Acq: 20 Sep 2017 20:24

Instrument :

BNA_F

ClientSampleId :

DRUM-A-OILYSTONES

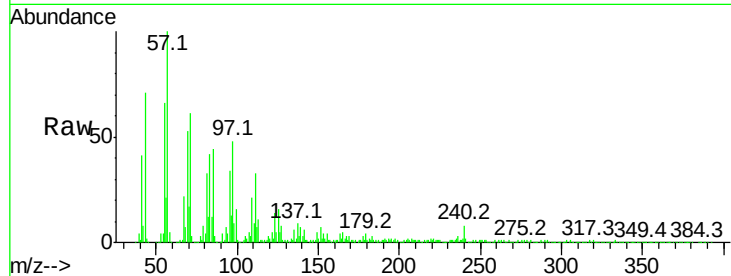
Tot Ion:240 Resp: 101151

Ion Ratio Lower Upper

240 100

120 25.6 5.8 8.8#

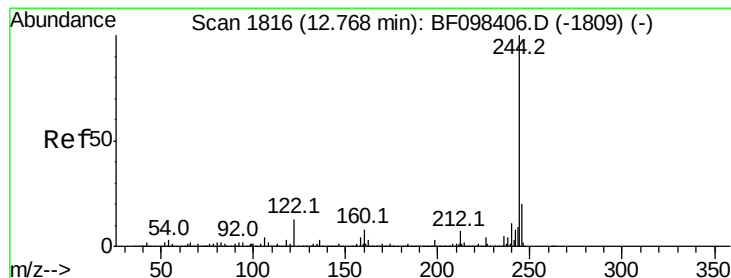
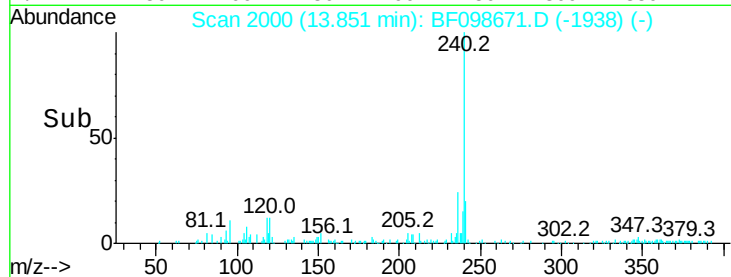
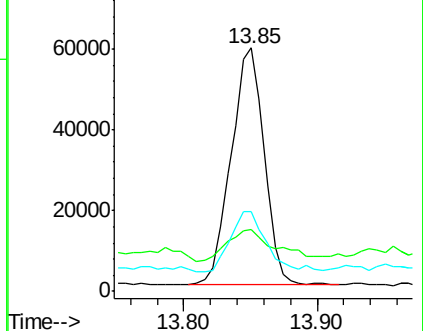
236 32.7 20.5 30.7#



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: 99.061 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF098671.D

Acq: 20 Sep 2017 20:24

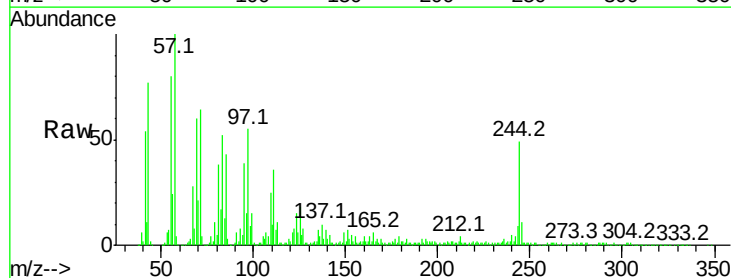
Tgt Ion:244 Resp: 464223

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

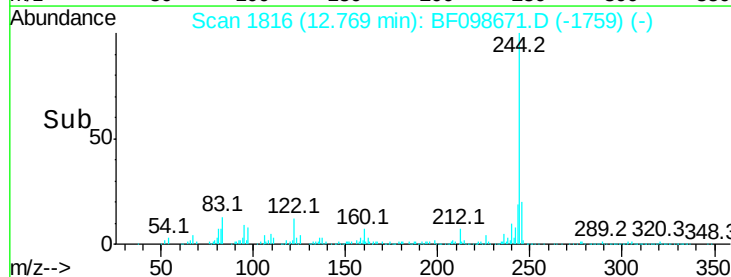
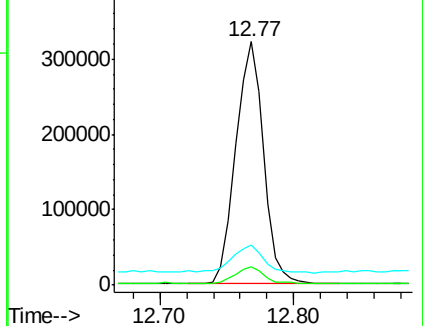
122 16.3 10.3 15.5#

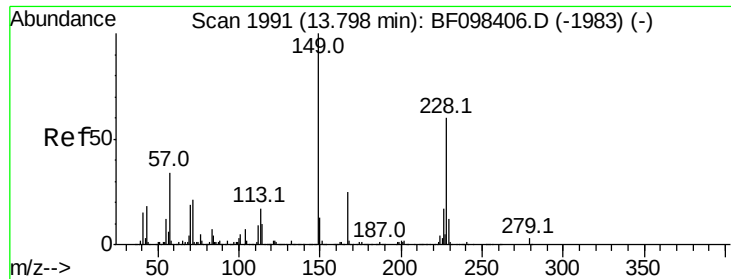


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

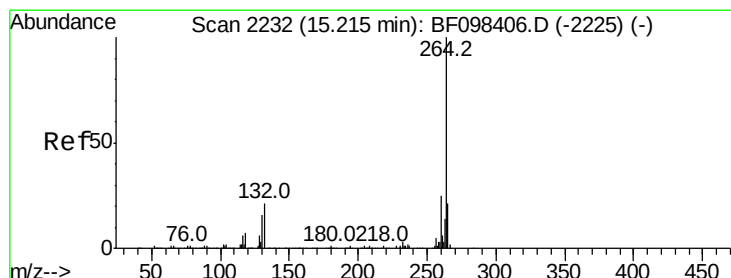
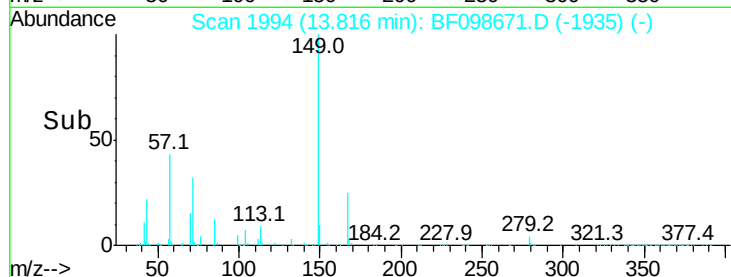
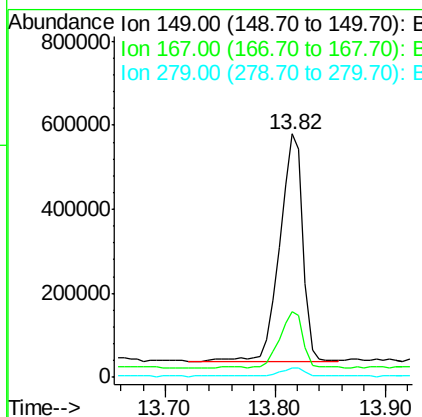
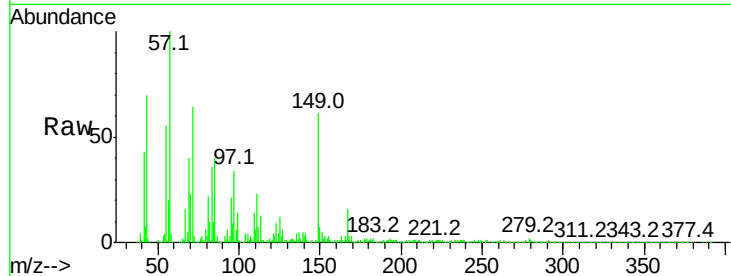




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 181.652 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.05 min
 Lab File: BF098671.D
 Acq: 20 Sep 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-A-OILYSTONES

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.0	31.4
279	3.9	1.9	2.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. 0.06 min
 Lab File: BF098671.D
 Acq: 20 Sep 2017 20:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	22.6	17.2	25.8

