

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098766.D
 Acq On : 24 Sep 2017 5:02
 Operator : SJ/JU
 Sample : I5288-01DL 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-A-OILYSTONESDL

Quant Time: Sep 25 08:34:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

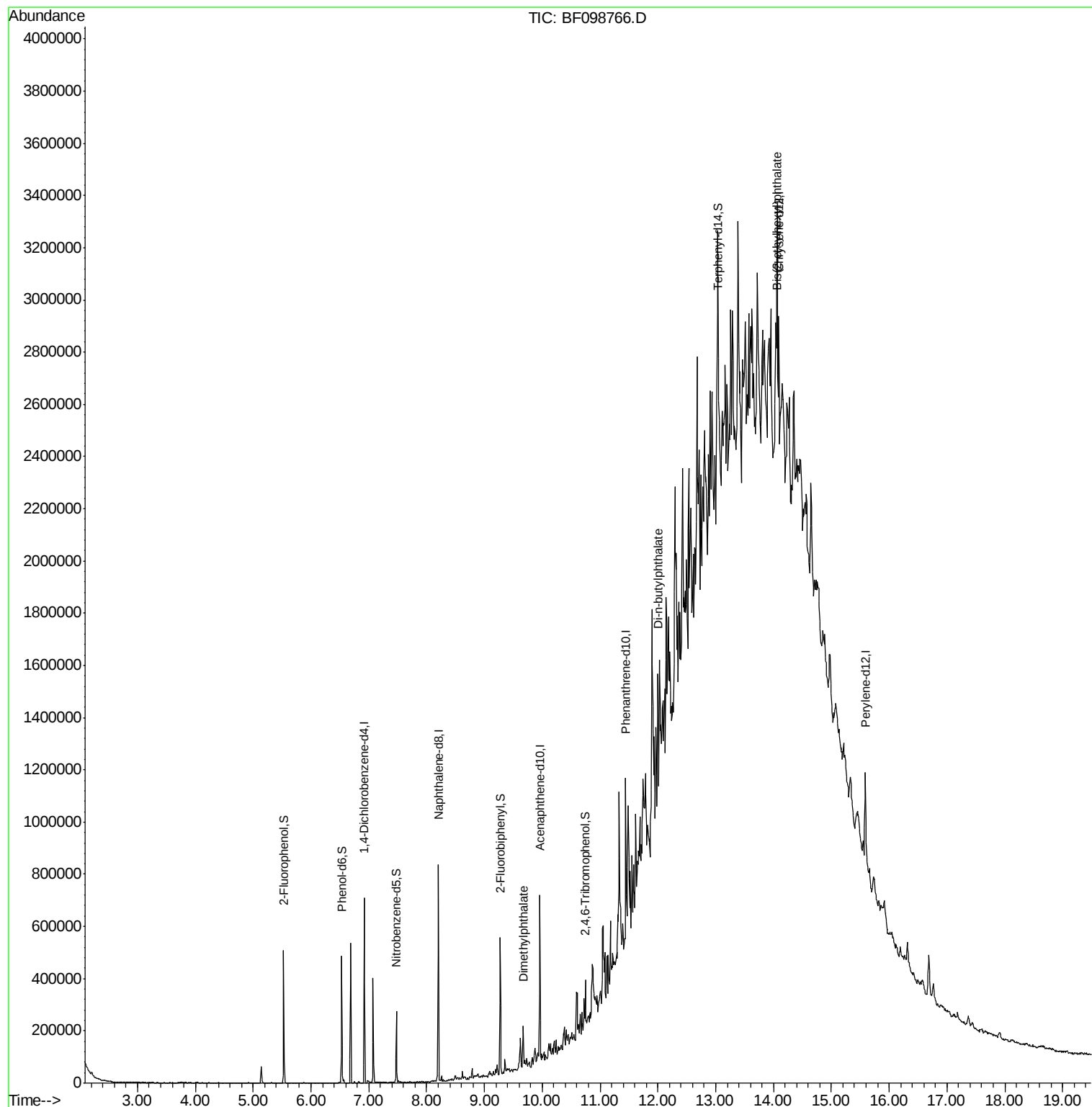
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	92695	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	332505	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	119977	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	193271	20.00	ng	0.00
75) Chrysene-d12	14.09	240	175635	20.00	ng	0.00
86) Perylene-d12	15.59	264	147711	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	128679	22.10	ng	-0.01
7) Phenol-d6	6.53	99	144978	20.18	ng	-0.01
23) Nitrobenzene-d5	7.47	82	77919	15.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	16548	16.86	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	137908	19.19	ng	0.00
78) Terphenyl-d14	13.03	244	102528	13.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.67	163	31562	3.486	ng	Qvalue # 98
73) Di-n-butylphthalate	12.00	149	203897	16.342	ng	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	260563	30.064	ng	99

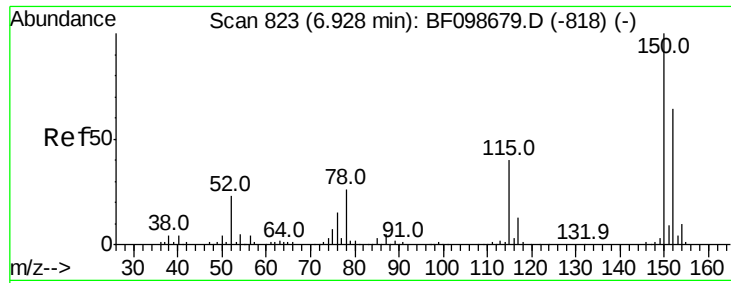
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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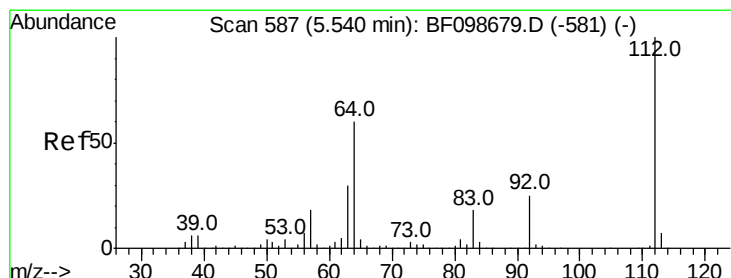
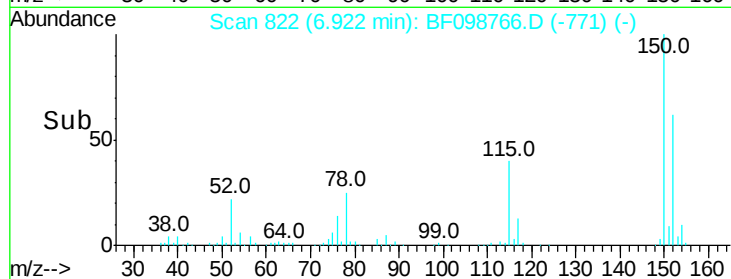
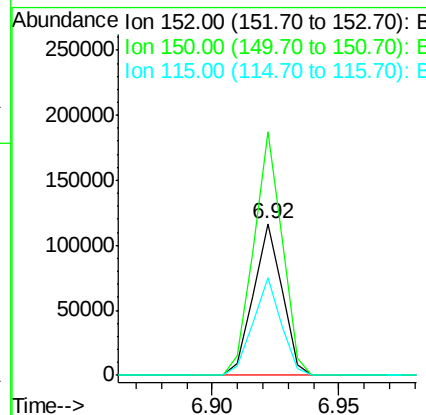
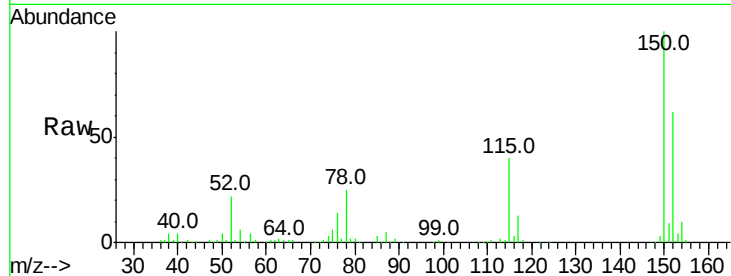


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :
DRUM-A-OILYSTONESDL

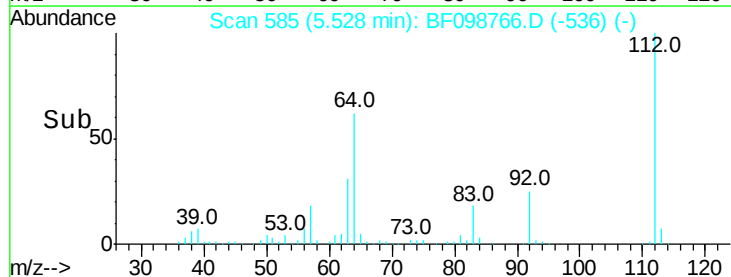
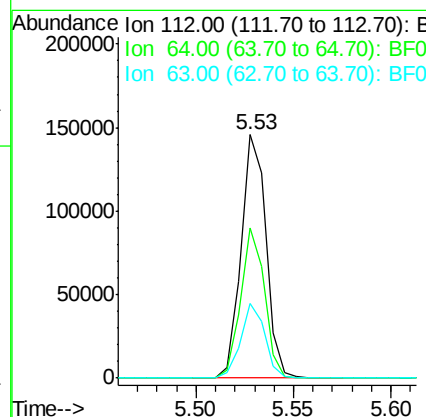
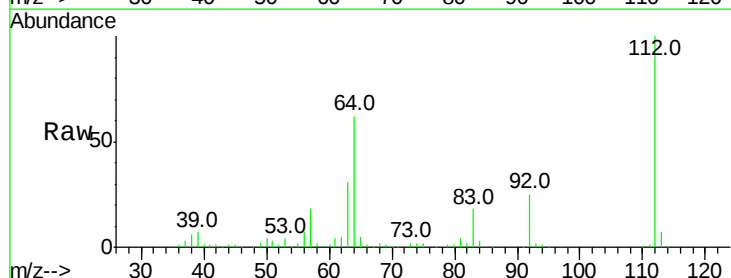
Tot Ion:152 Resp: 92695
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 64.4 50.1 75.1



#5

2-Fluorophenol
Concen: 22.099 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:112 Resp: 128679
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 30.6 23.7 35.5





#7

Phenol-d6

Concen: 20.183 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098766.D

Acq: 24 Sep 2017 5:02

Instrument :

BNA_F

ClientSampleId :

DRUM-A-OILYSTONESDL

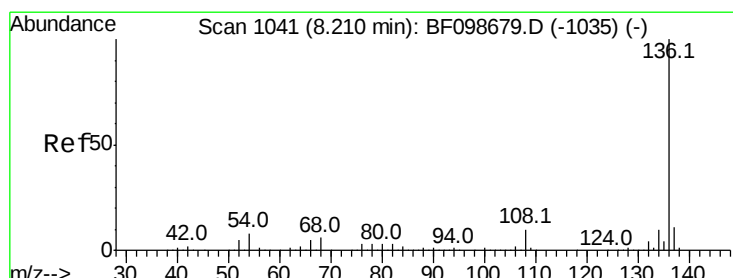
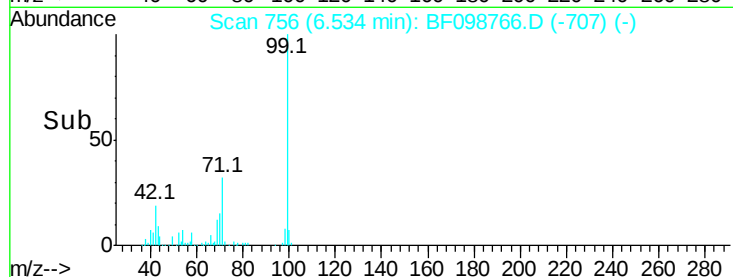
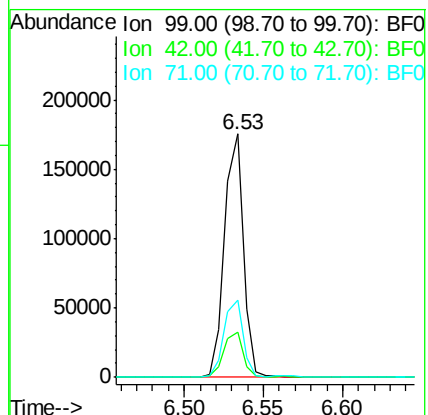
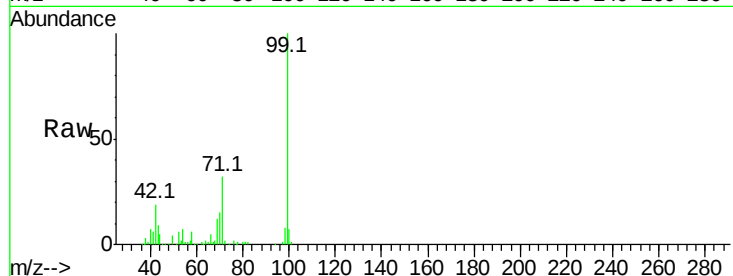
Tot Ion: 99 Resp: 144978

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 31.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF098766.D

Acq: 24 Sep 2017 5:02

Tgt Ion: 136 Resp: 332505

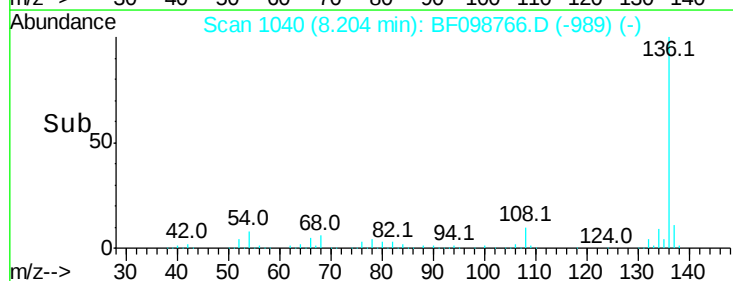
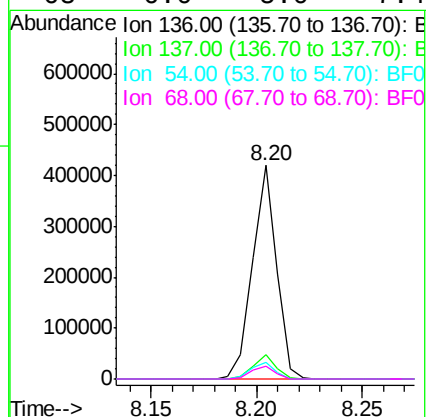
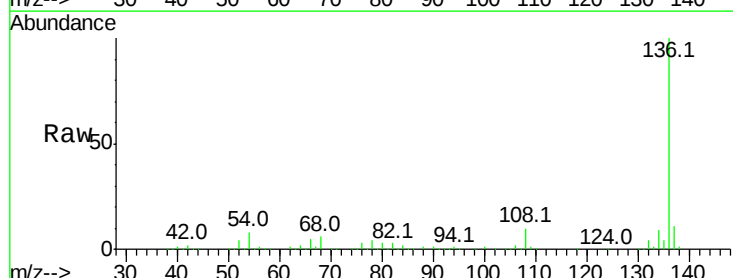
Ion Ratio Lower Upper

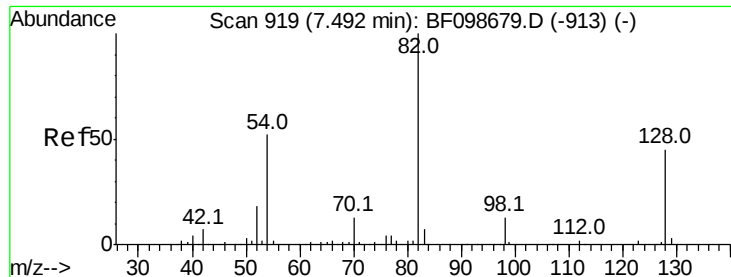
136 100

137 11.4 8.9 13.3

54 7.6 6.6 9.8

68 6.0 5.0 7.4

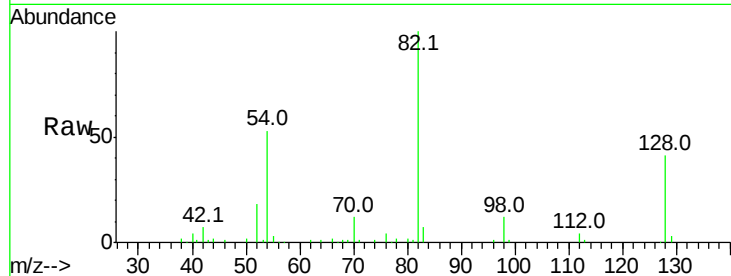




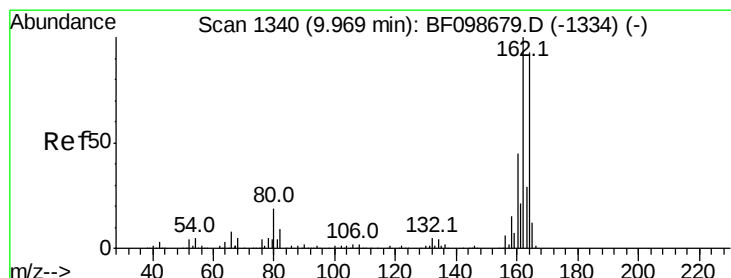
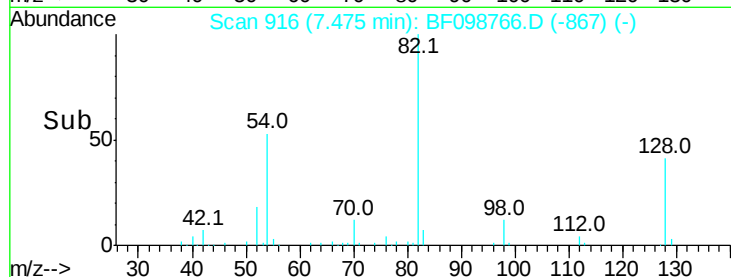
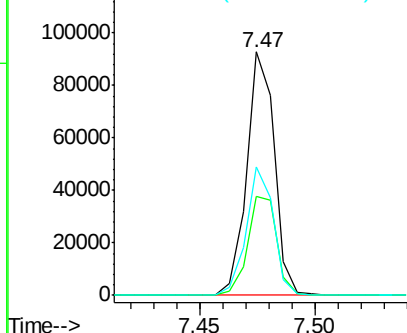
#23
Nitrobenzene-d5
Concen: 15.028 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :
DRUM-A-OILYSTONESDL

Tot Ion: 82 Resp: 77919
Ion Ratio Lower Upper
82 100
128 40.6 36.1 54.1
54 52.9 41.4 62.2

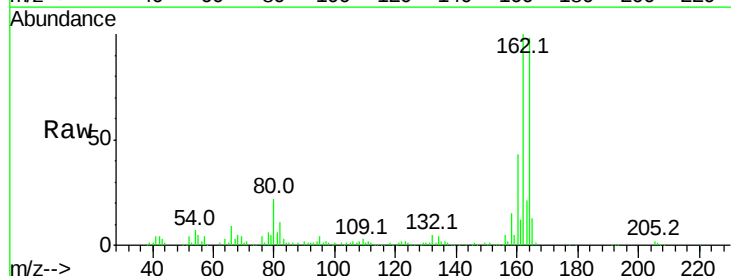


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

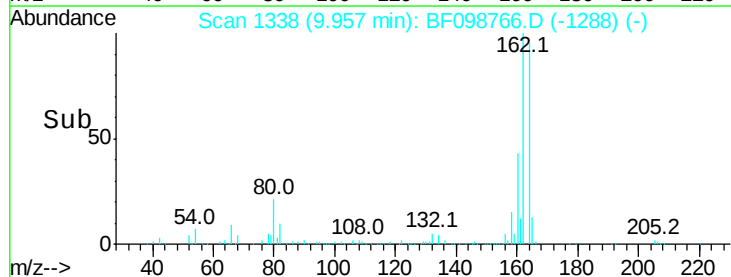
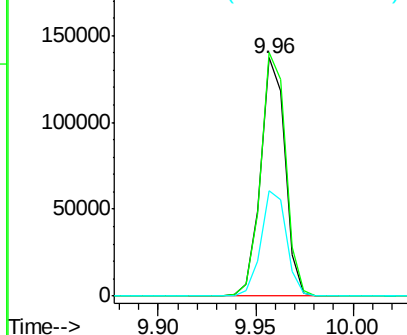


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:164 Resp: 119977
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 44.3 38.3 57.5



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

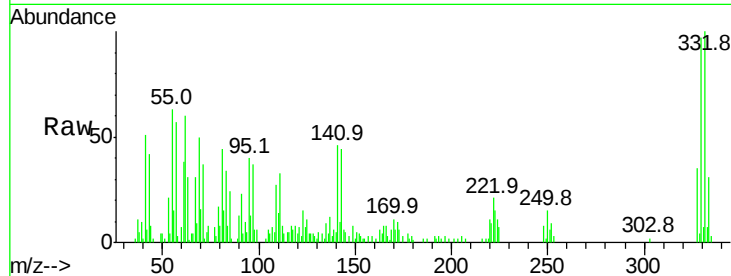




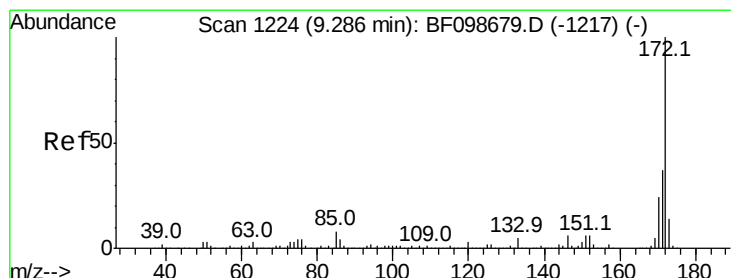
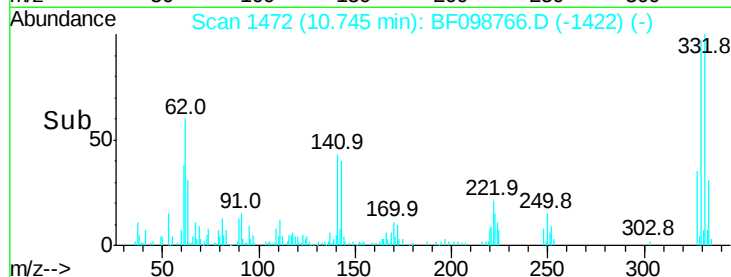
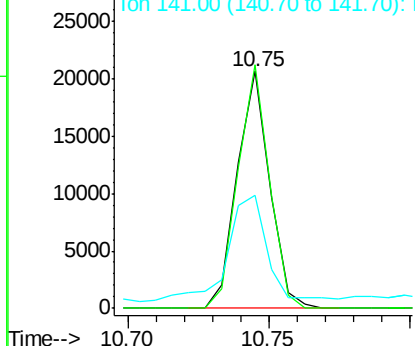
#41
 2,4,6-Tribromophenol
 Concen: 16.856 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098766.D
 Acq: 24 Sep 2017 5:02

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-A-OILYSTONESDL

Tot Ion:330 Resp: 16548
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.0 115.6
 141 56.0 29.9 44.9#

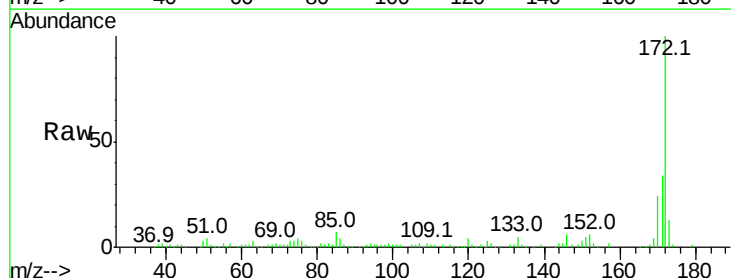


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

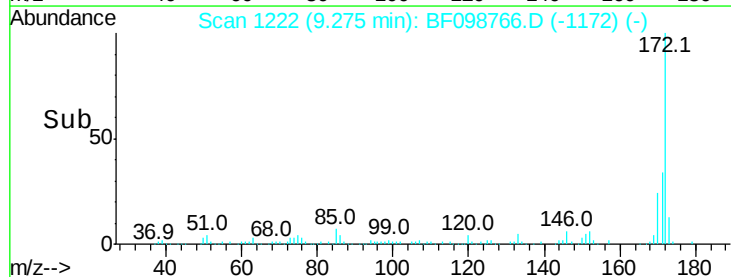
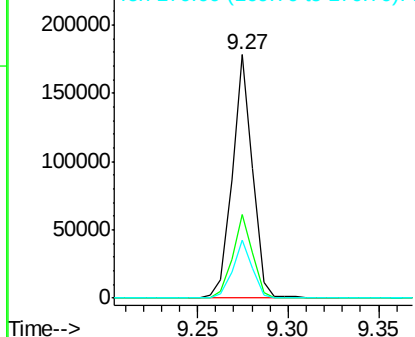


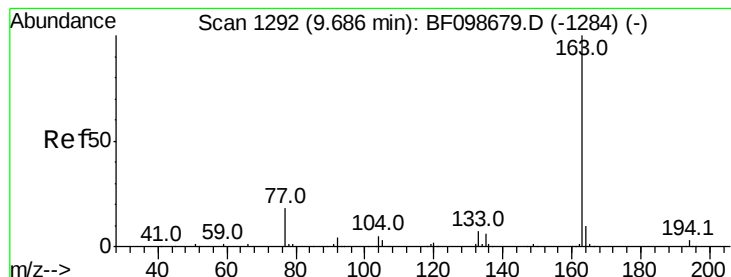
#44
 2-Fluorobiphenyl
 Concen: 19.189 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098766.D
 Acq: 24 Sep 2017 5:02

Tgt Ion:172 Resp: 137908
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.7 44.5
 170 23.6 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





#49

Dimethylphthalate

Concen: 3.486 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF098766.D

Acq: 24 Sep 2017 5:02

Instrument :

BNA_F

ClientSampleId :

DRUM-A-OILYSTONESDL

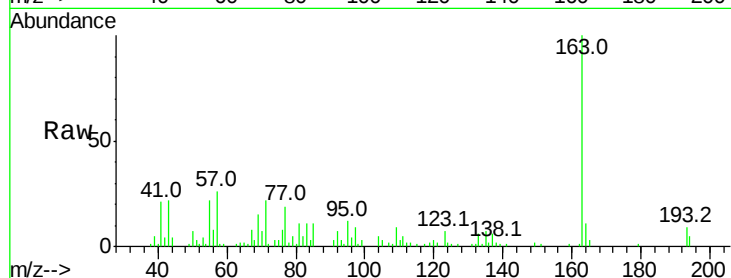
Tot Ion:163 Resp: 31562

Ion Ratio Lower Upper

163 100

194 5.0 2.7 4.1#

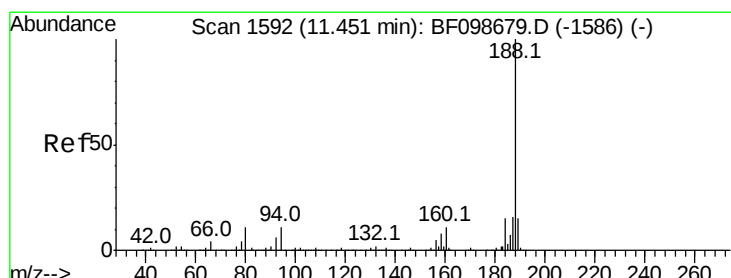
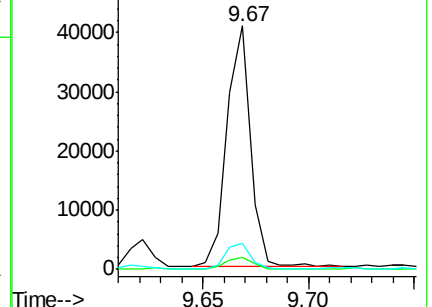
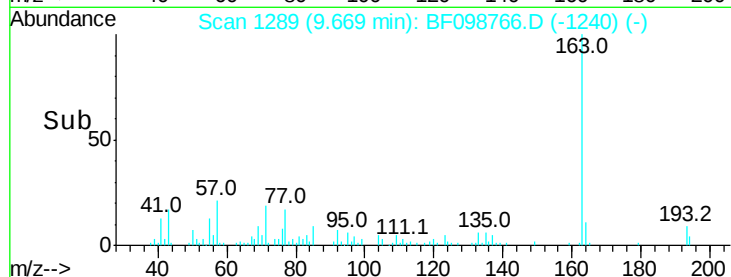
164 10.7 8.2 12.2



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: 11.45 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF098766.D

Acq: 24 Sep 2017 5:02

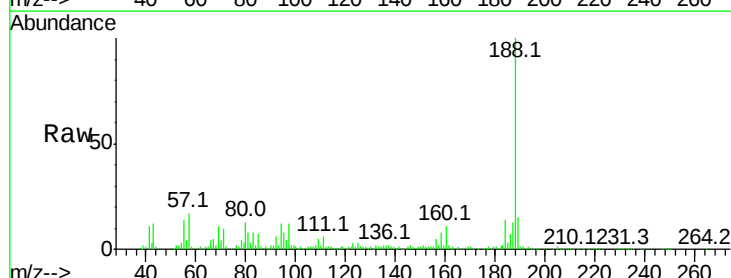
Tgt Ion:188 Resp: 193271

Ion Ratio Lower Upper

188 100

94 11.6 8.5 12.7

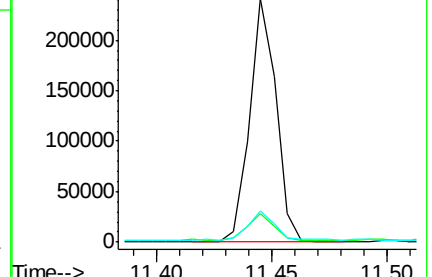
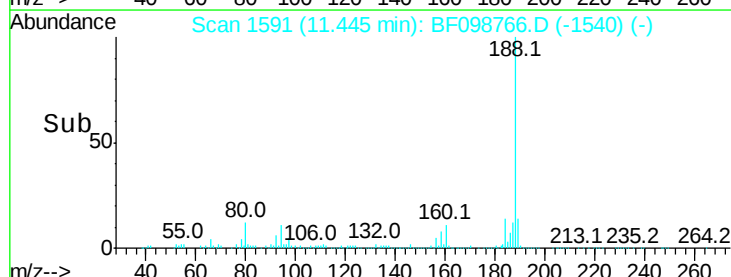
80 12.7 9.2 13.8

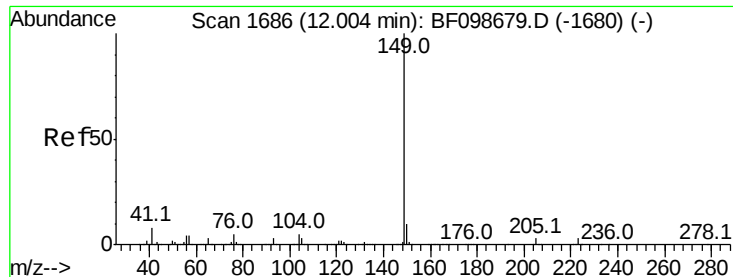


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

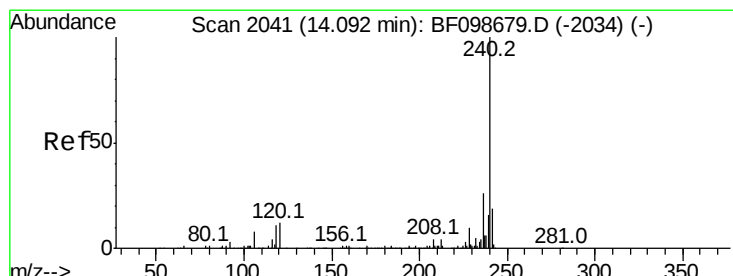
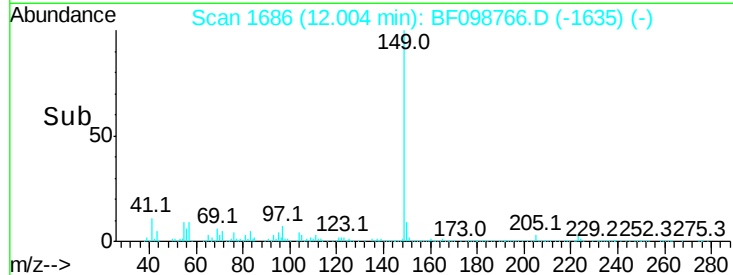
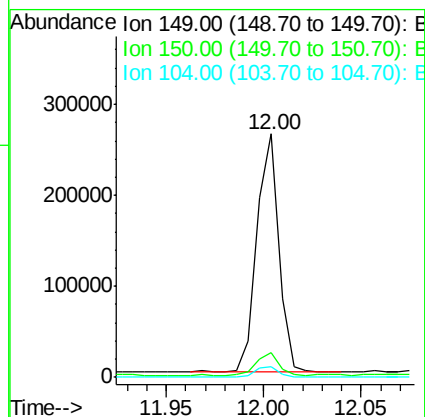
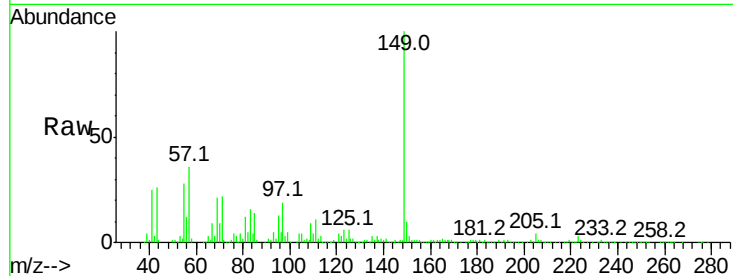




#73
Di-n-butylphthalate
Concen: 16.342 ng
RT: 12.00 min Scan# 1686
Delta R.T. -0.00 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

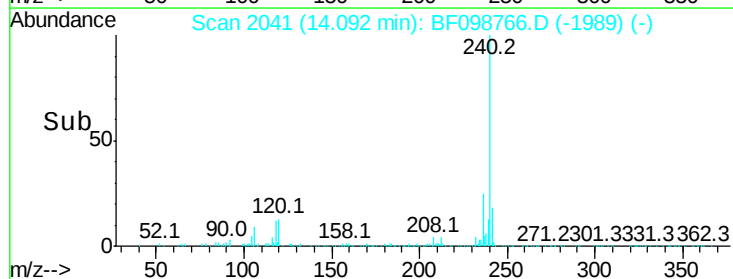
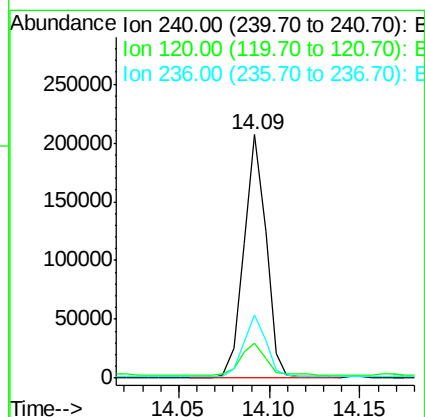
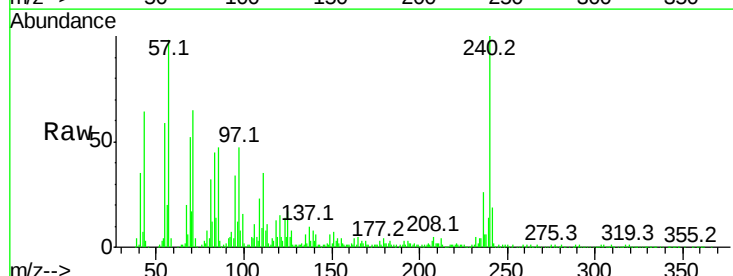
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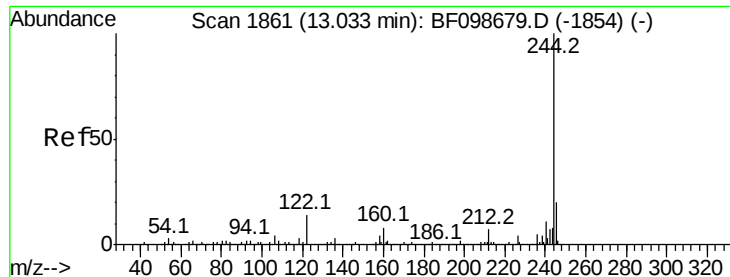
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	4.2	3.8	5.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	25.9	20.7	31.1





#78

Terphenyl-d14

Concen: 13.276 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF098766.D

Acq: 24 Sep 2017 5:02

Instrument :

BNA_F

ClientSampleId :

DRUM-A-OILYSTONESDL

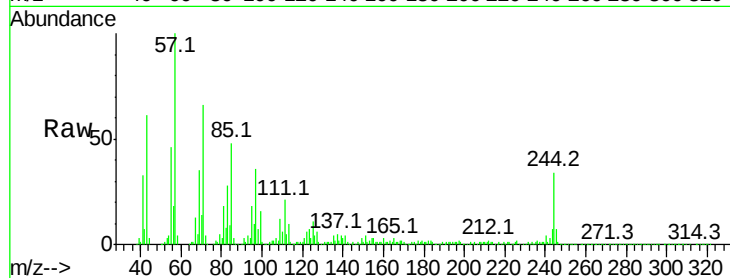
Tot Ion:244 Resp: 102528

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

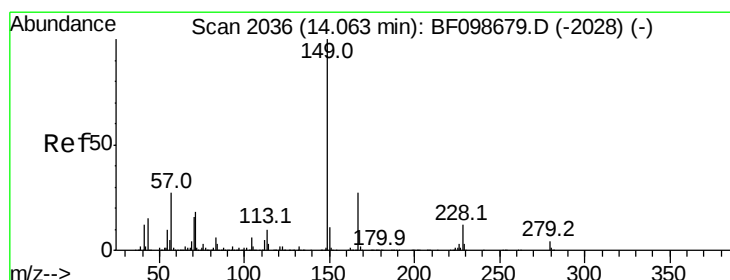
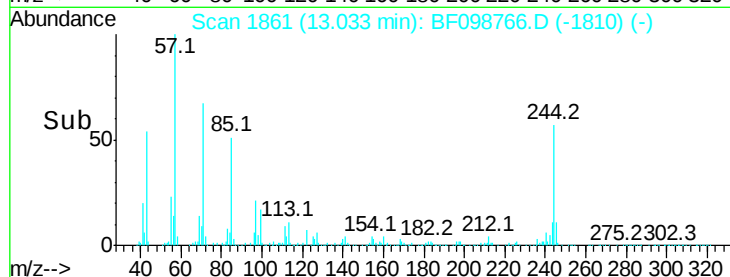
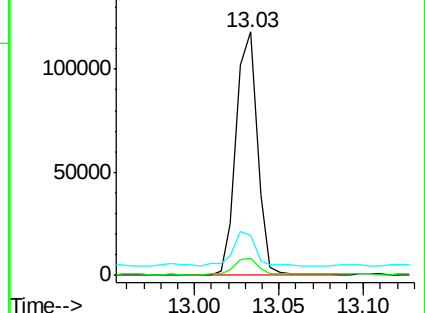
122 16.6 11.0 16.4#



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: 30.064 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF098766.D

Acq: 24 Sep 2017 5:02

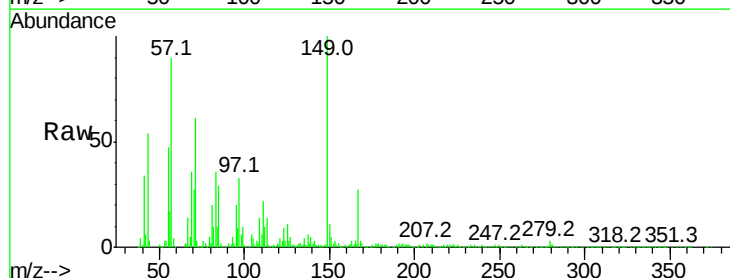
Tgt Ion:149 Resp: 260563

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

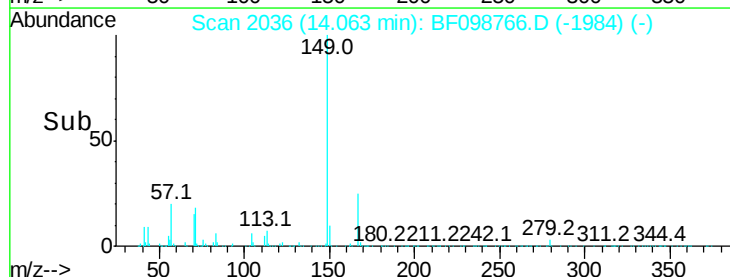
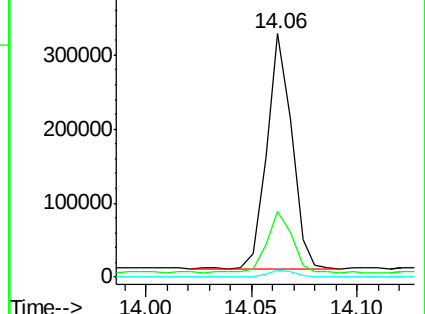
279 3.0 3.0 4.4

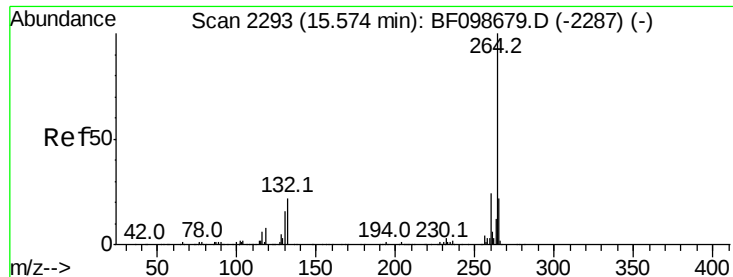


Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :
DRUM-A-OILYSTONESDL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.4	17.5	26.3

