

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096182.D
 Acq On : 24 Jun 2017 10:44
 Operator : SJ/MA
 Sample : I3867-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A6229

Quant Time: Jun 26 01:53:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

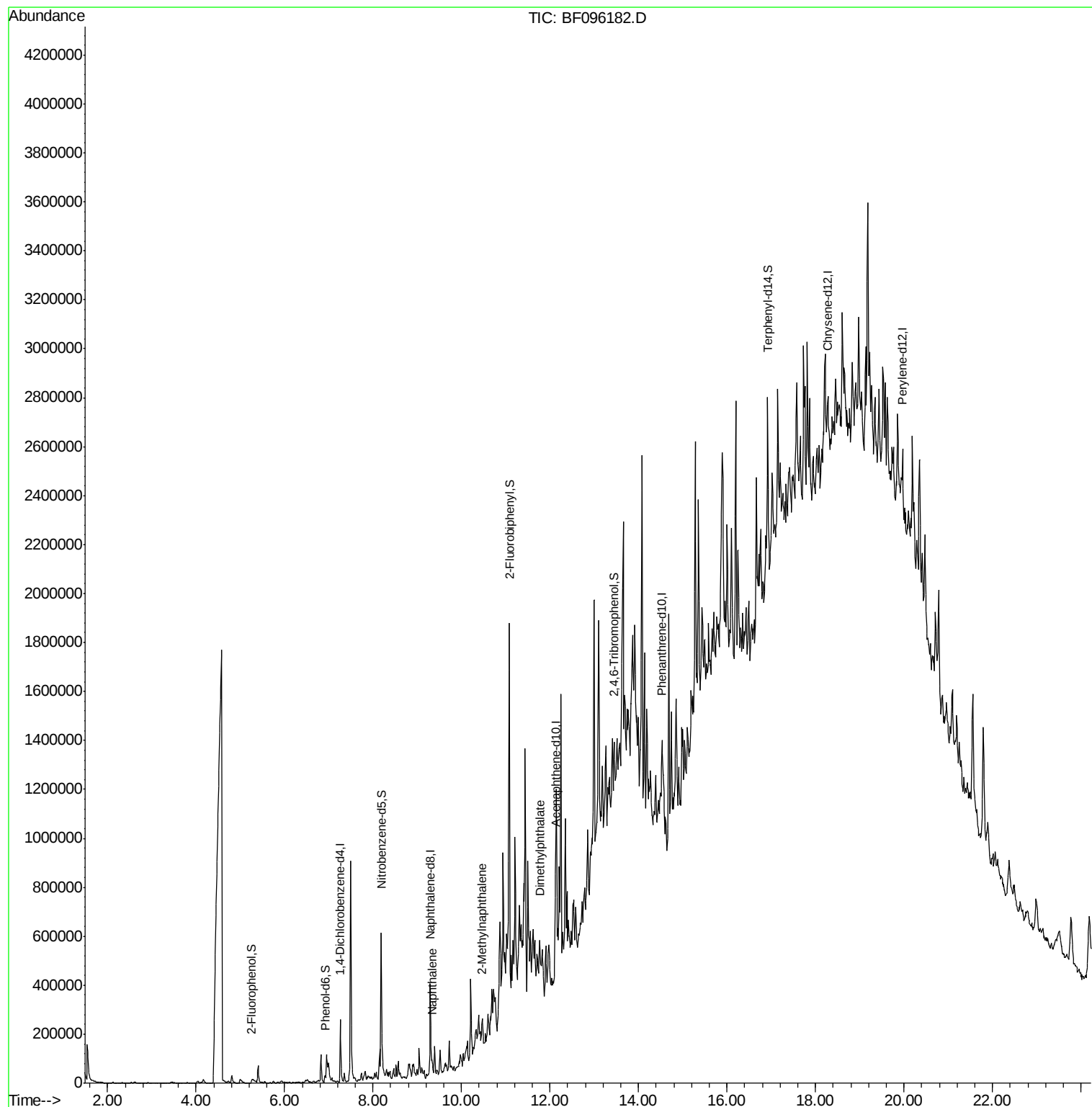
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	66775	20.00	ng	-0.03
21) Naphthalene-d8	9.29	136	262321	20.00	ng	-0.04
38) Acenaphthene-d10	12.12	164	113408	20.00	ng	-0.03
63) Phenanthrene-d10	14.53	188	162159	20.00	ng	-0.01
75) Chrysene-d12	18.28	240	103190	20.00	ng	0.00
86) Perylene-d12	19.97	264	100741	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	27797	6.63	ng	0.08
7) Phenol-d6	6.92	99	41208	8.21	ng	0.04
23) Nitrobenzene-d5	8.19	82	342005	80.97	ng	-0.04
41) 2,4,6-Tribromophenol	13.44	330	16119	16.06	ng	-0.01
44) 2-Fluorobiphenyl	11.08	172	646106	79.28	ng	-0.03
78) Terphenyl-d14	16.92	244	358958	86.33	ng	0.00
Target Compounds						
31) Naphthalene	9.33	128	34859	2.65	ng	Qvalue 96
37) 2-Methylnaphthalene	10.47	142	21099	2.37	ng	96
49) Dimethylphthalate	11.78	163	20890	2.43	ng	# 98

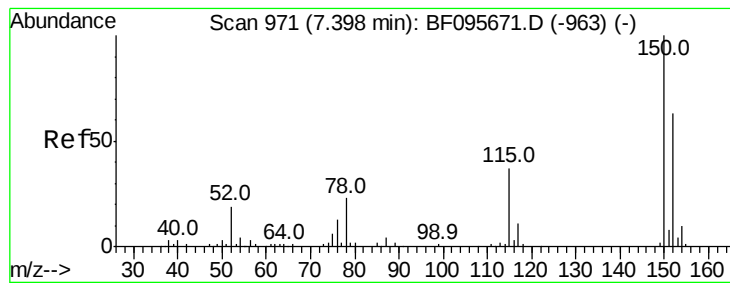
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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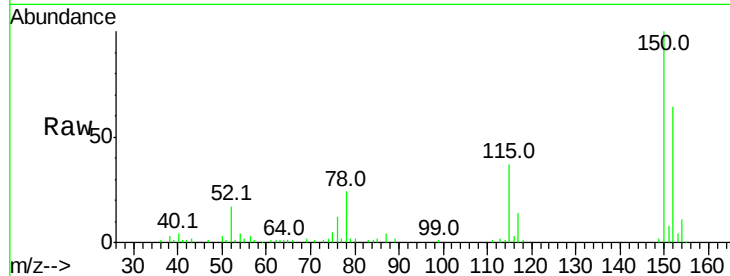


#1

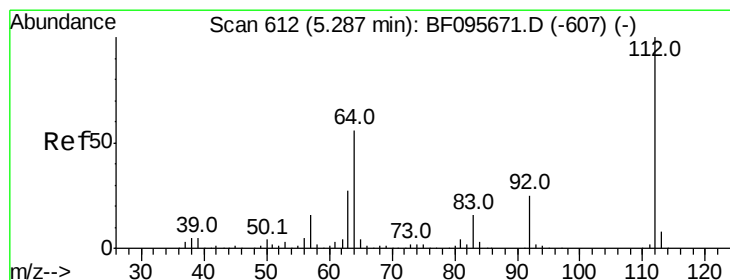
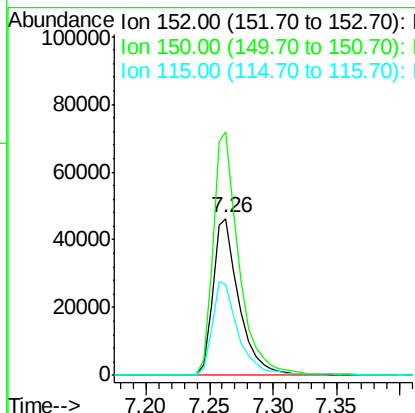
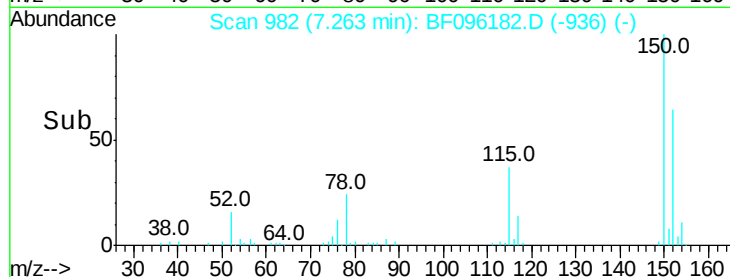
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096182.D
Acq: 24 Jun 2017 10:44

Instrument :
BNA_F
ClientSampleId :
A6229

Tot Ion:152 Resp: 66775
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 57.9 52.2 78.2



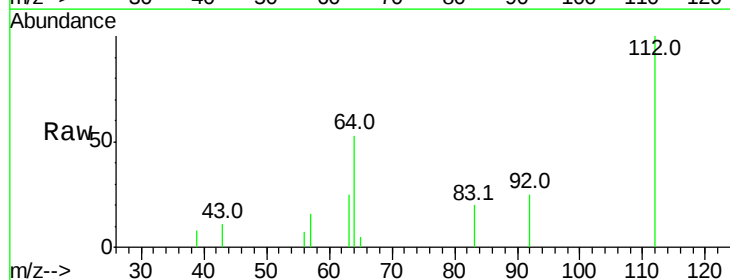
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



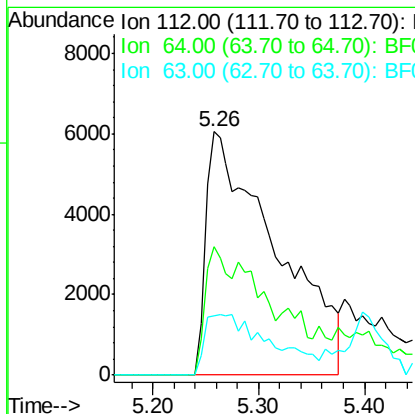
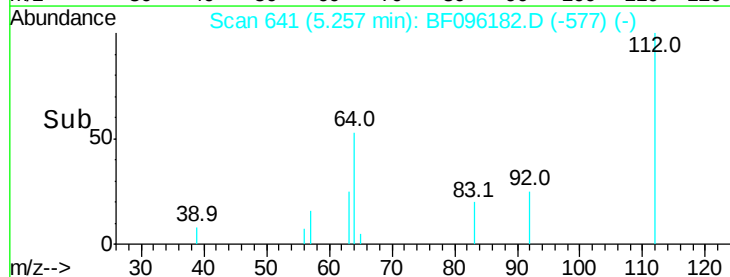
#5

2-Fluorophenol
Concen: 6.63 ng
RT: 5.26 min Scan# 641
Delta R.T. 0.08 min
Lab File: BF096182.D
Acq: 24 Jun 2017 10:44

Tgt Ion:112 Resp: 27797
Ion Ratio Lower Upper
112 100
64 52.5 46.0 69.0
63 24.6 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: 8.21 ng

RT: 6.92 min Scan# 923

Delta R.T. 0.04 min

Lab File: BF096182.D

Acq: 24 Jun 2017 10:44

Instrument :

BNA_F

ClientSampleId :

A6229

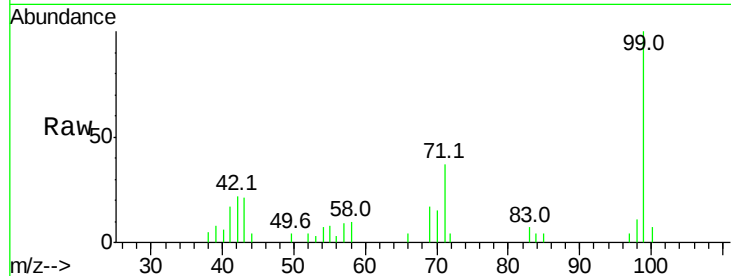
Tot Ion: 99 Resp: 41208

Ion Ratio Lower Upper

99 100

42 21.8 13.5 20.3#

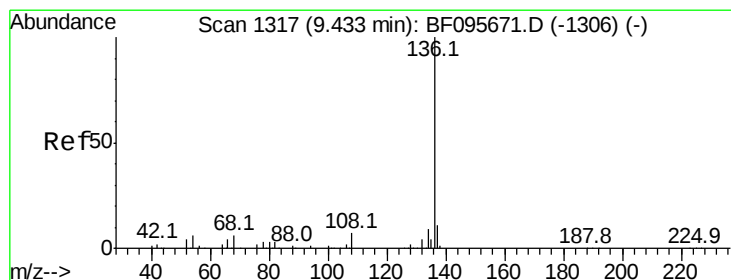
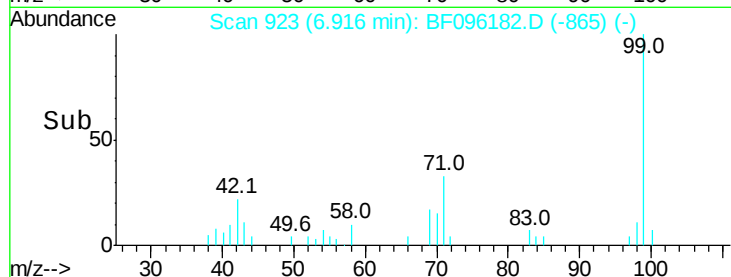
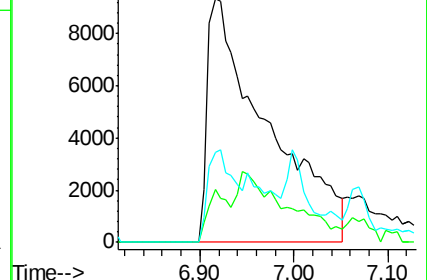
71 37.0 24.5 36.7#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.29 min Scan# 1327

Delta R.T. -0.04 min

Lab File: BF096182.D

Acq: 24 Jun 2017 10:44

Tgt Ion: 136 Resp: 262321

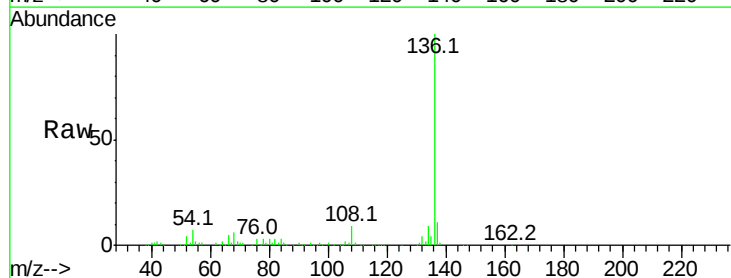
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.8 4.9 7.3

68 6.1 4.1 6.1

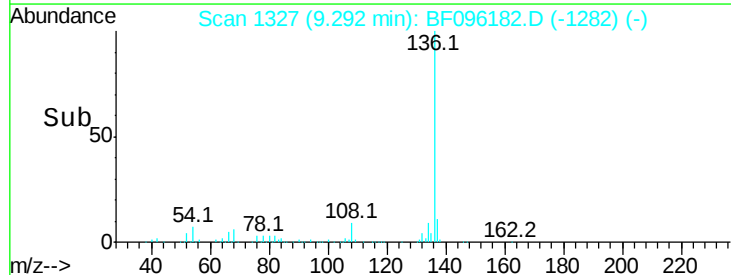
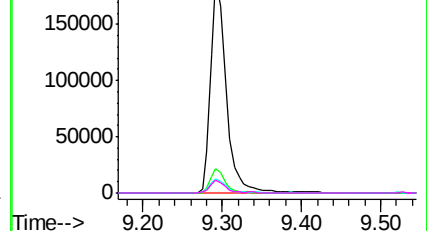


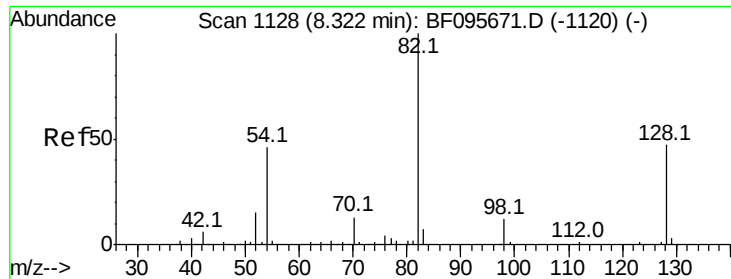
Abundance Ion 136.00 (135.70 to 136.70): E

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

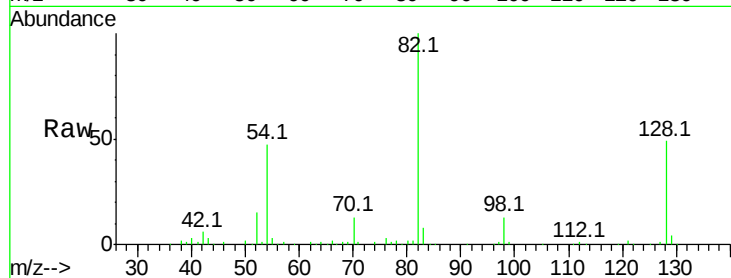




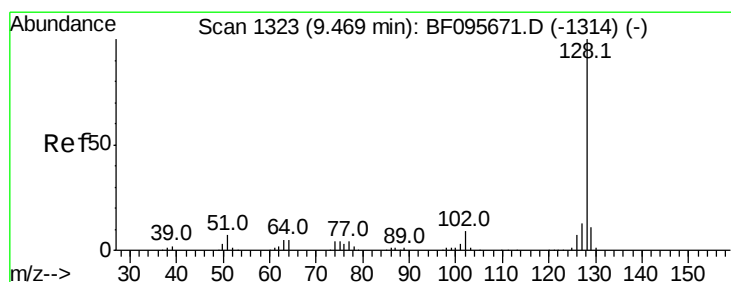
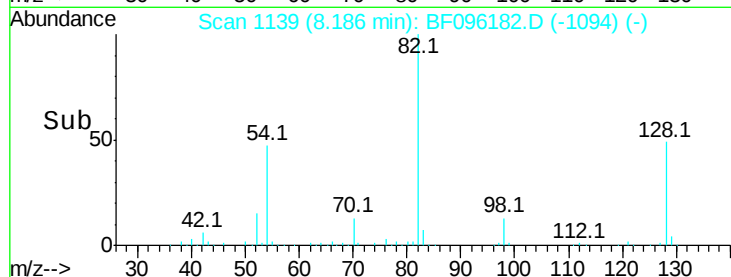
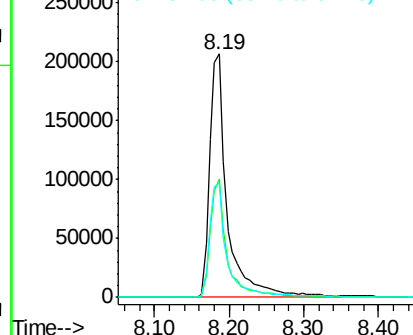
#23
Nitrobenzene-d5
Concen: 80.97 ng
RT: 8.19 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF096182.D
Acq: 24 Jun 2017 10:44

Instrument :
BNA_F
ClientSampleId :
A6229

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.0	51.0
54	46.9	42.2	63.2

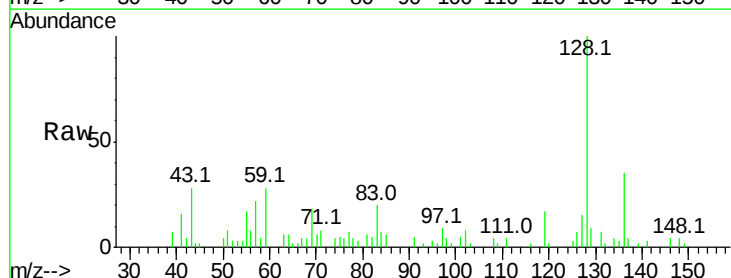


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

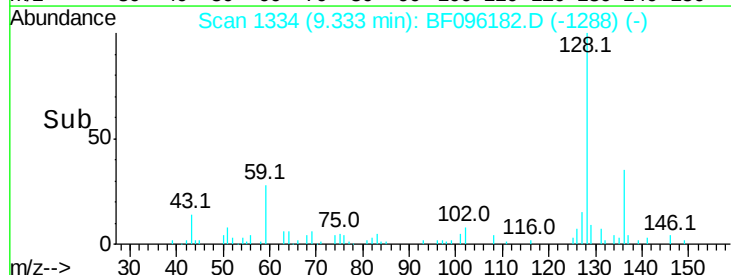
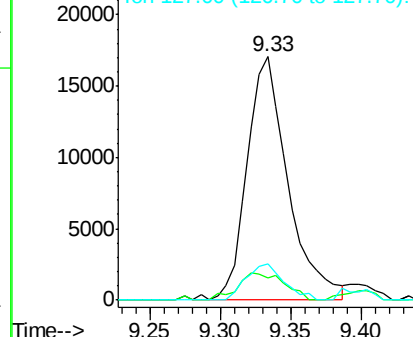


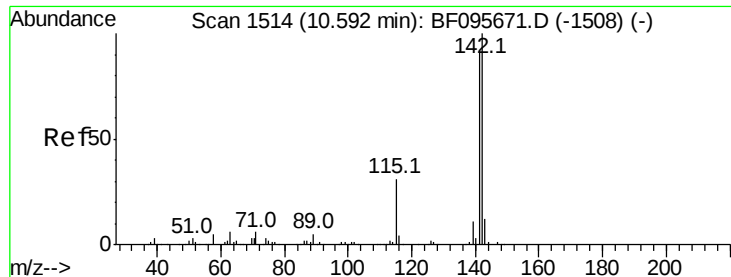
#31
Naphthalene
Concen: 2.65 ng
RT: 9.33 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BF096182.D
Acq: 24 Jun 2017 10:44

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.3	9.0	13.6
127	14.8	10.8	16.2



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

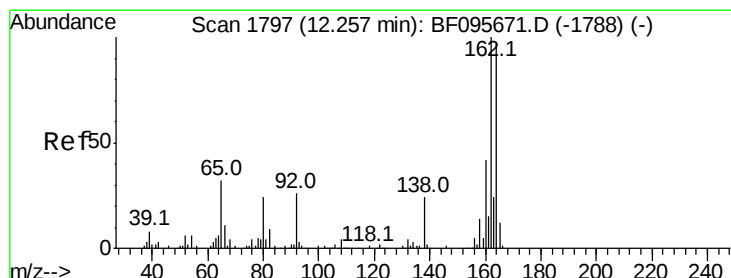
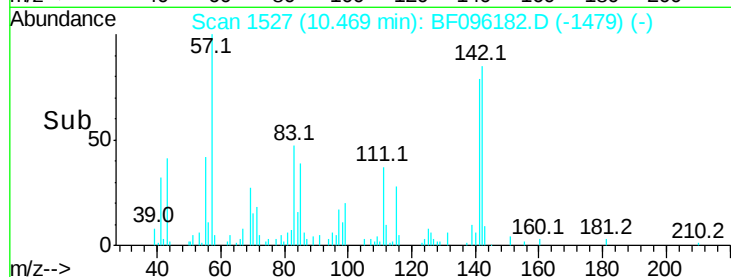
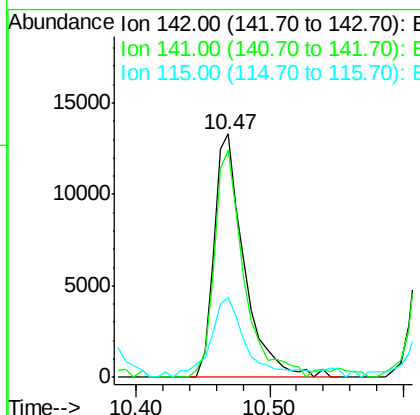
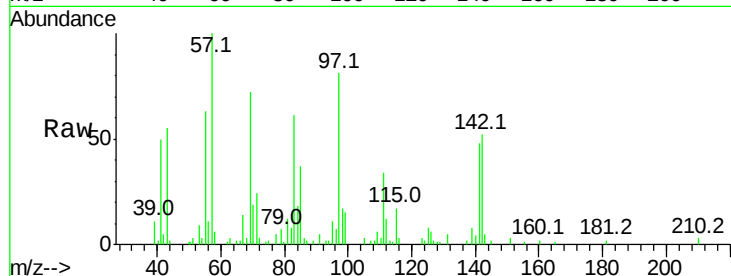




#37
2-Methylnaphthalene
Concen: 2.37 ng
RT: 10.47 min Scan# 1527
Delta R.T. -0.02 min
Lab File: BF096182.D
Acq: 24 Jun 2017 10:44

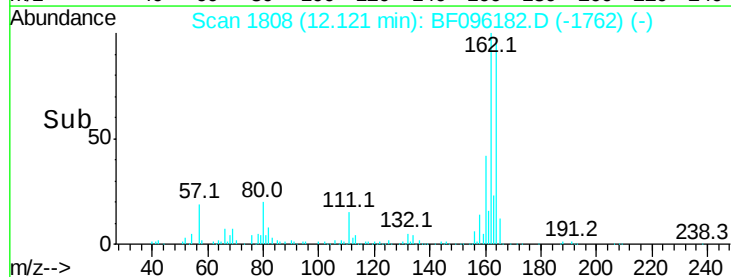
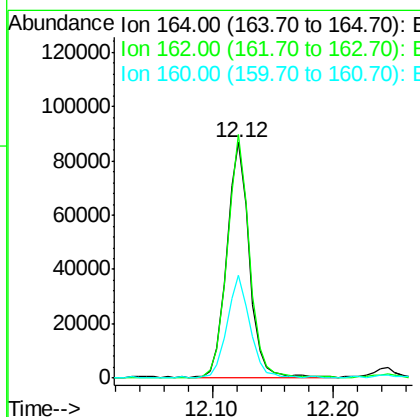
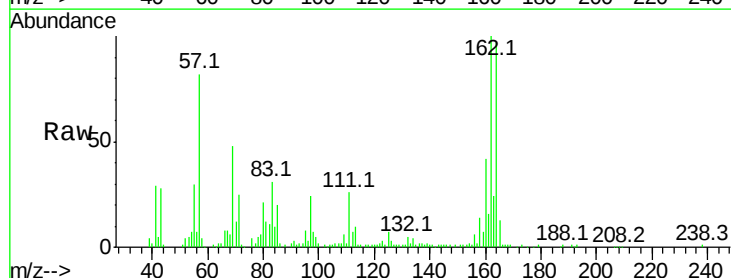
Instrument :
BNA_F
ClientSampleId :
A6229

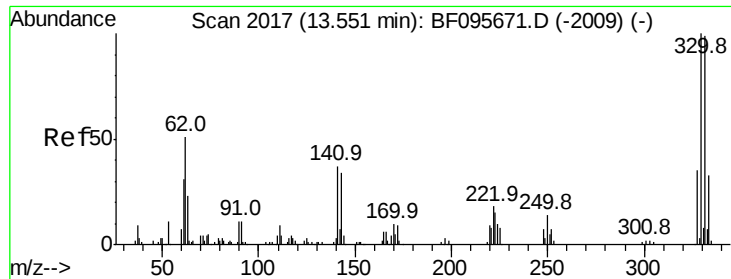
Tot Ion:142 Resp: 21099
Ion Ratio Lower Upper
142 100
141 93.1 71.3 106.9
115 32.7 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.12 min Scan# 1808
Delta R.T. -0.03 min
Lab File: BF096182.D
Acq: 24 Jun 2017 10:44

Tgt Ion:164 Resp: 113408
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 43.7 36.2 54.2

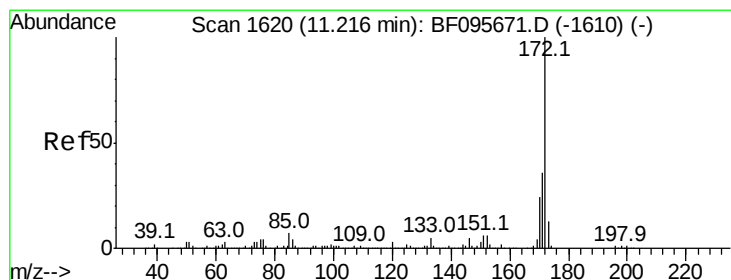
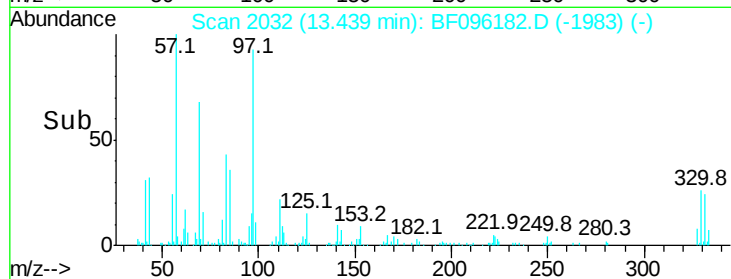
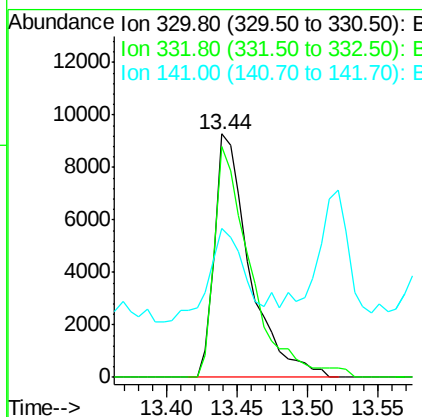
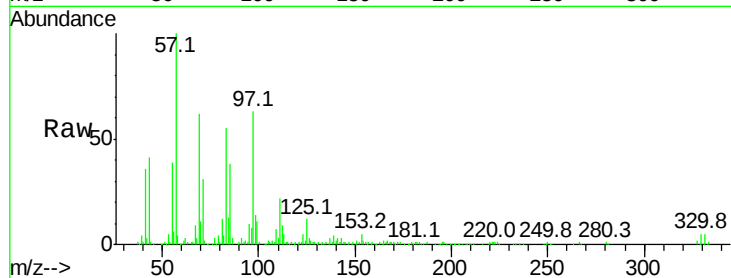




#41
 2,4,6-Tribromophenol
 Concen: 16.06 ng
 RT: 13.44 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF096182.D
 Acq: 24 Jun 2017 10:44

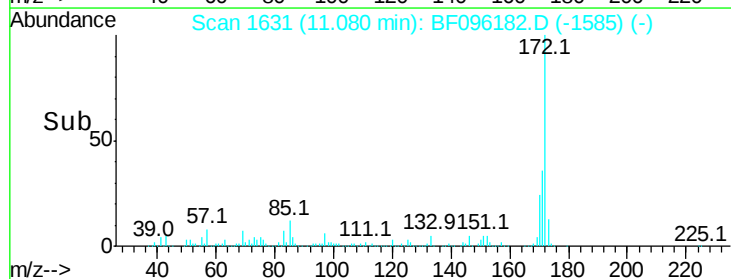
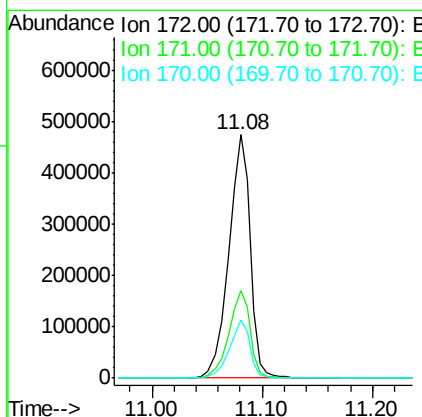
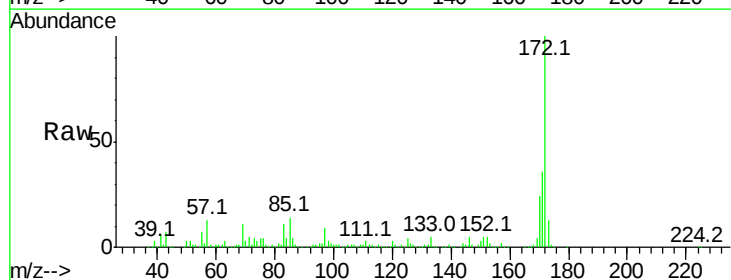
Instrument :
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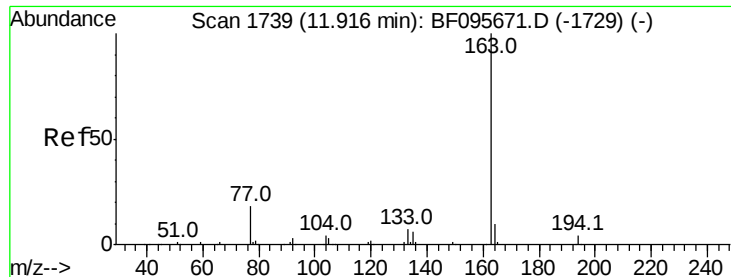
Tot Ion:330 Resp: 16119
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.6 115.0
 141 38.9 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 79.28 ng
 RT: 11.08 min Scan# 1631
 Delta R.T. -0.03 min
 Lab File: BF096182.D
 Acq: 24 Jun 2017 10:44

Tgt Ion:172 Resp: 646106
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.8 19.8 29.8





#49

Dimethylphthalate

Concen: 2.43 ng

RT: 11.78 min Scan# 1750

Delta R.T. -0.04 min

Lab File: BF096182.D

Acq: 24 Jun 2017 10:44

Instrument :

BNA_F

ClientSampleId :

A6229

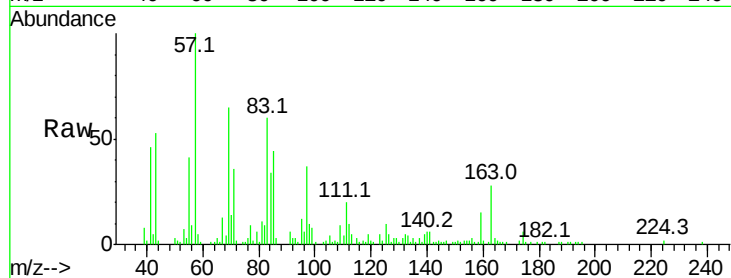
Tot Ion:163 Resp: 20890

Ion Ratio Lower Upper

163 100

194 4.7 2.6 4.0#

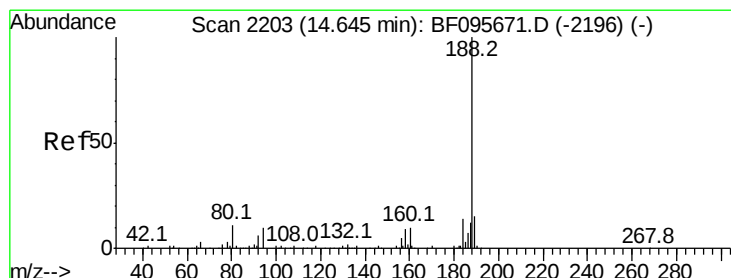
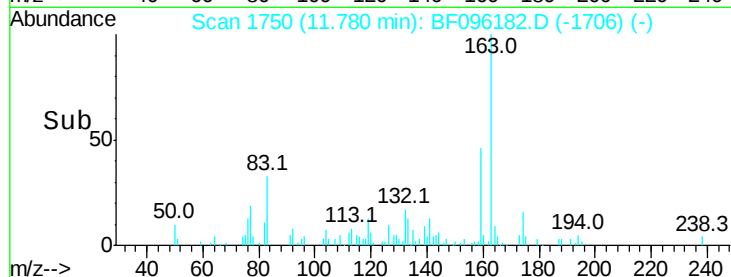
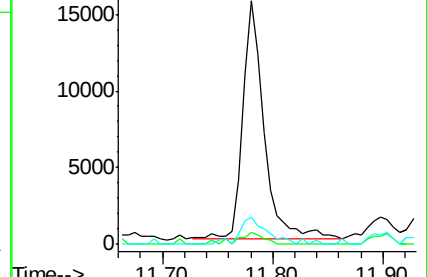
164 11.1 8.4 12.6



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: 20.00 ng

RT: 14.53 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF096182.D

Acq: 24 Jun 2017 10:44

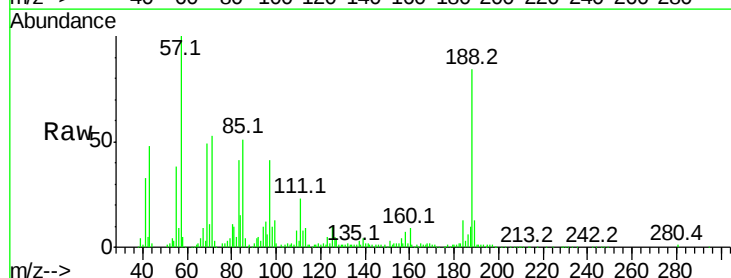
Tgt Ion:188 Resp: 162159

Ion Ratio Lower Upper

188 100

94 12.5 9.4 14.2

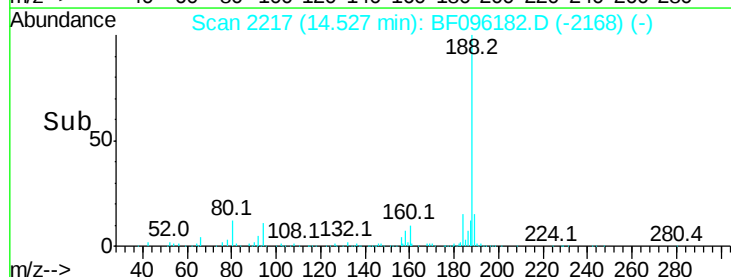
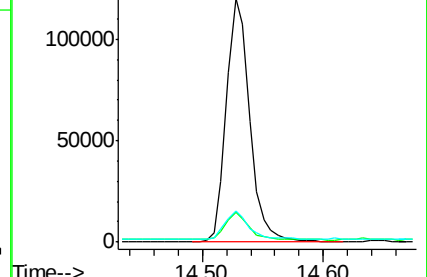
80 12.9 10.2 15.2

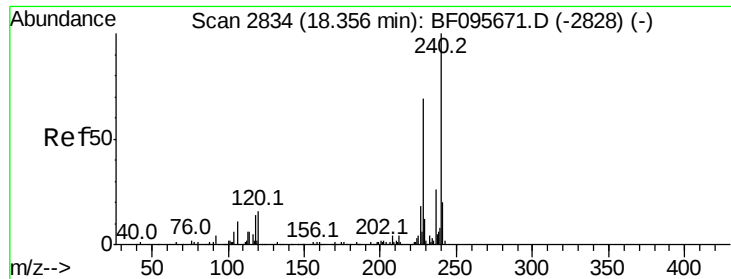


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

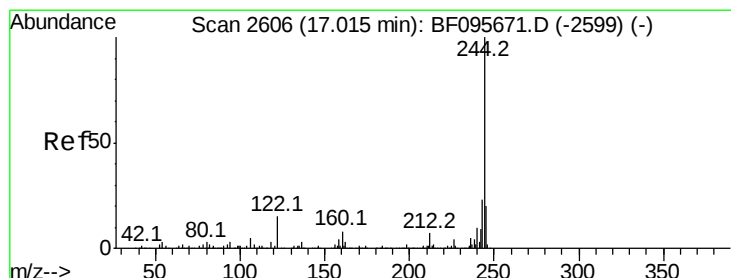
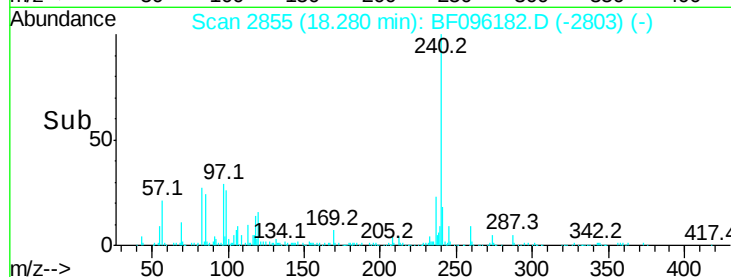
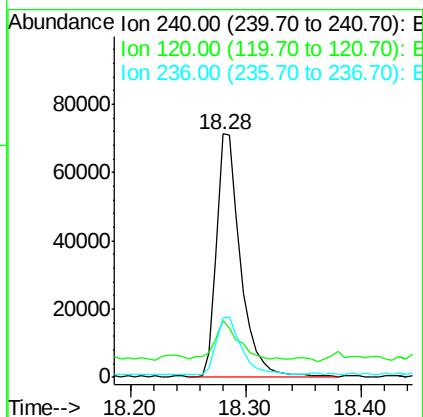
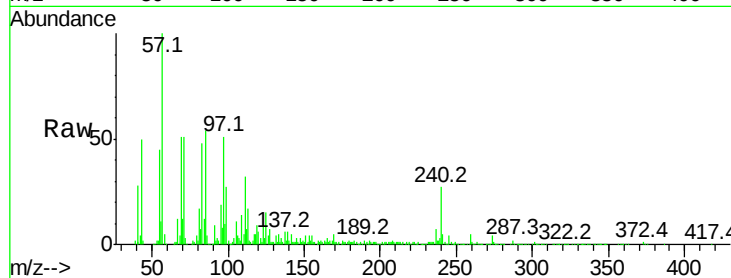




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 18.28 min Scan# 2855
 Delta R.T. 0.01 min
 Lab File: BF096182.D
 Acq: 24 Jun 2017 10:44

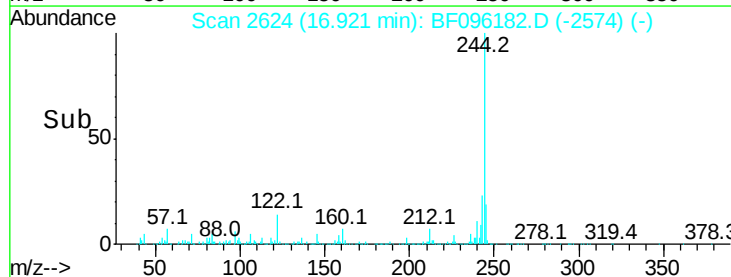
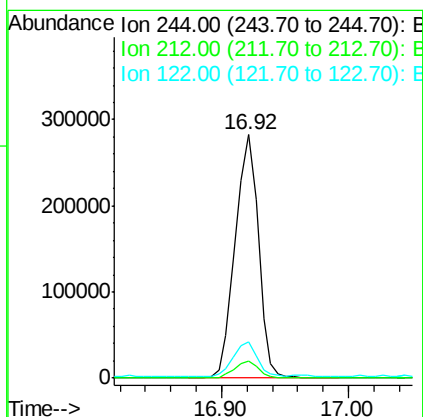
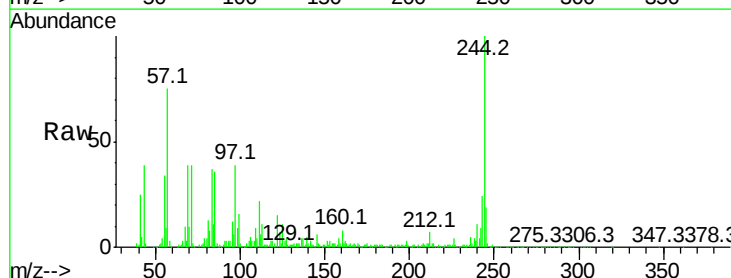
Instrument :
 BNA_F
 ClientSampled :
 A6229

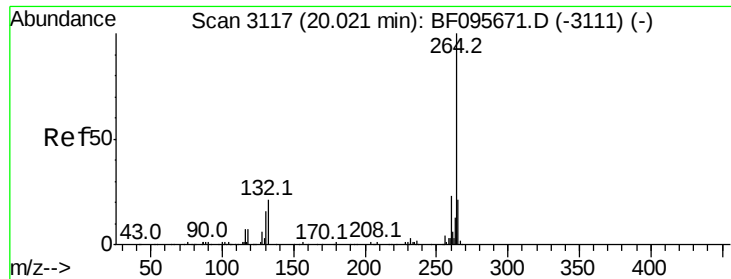
Tot Ion:240 Resp: 103190
 Ion Ratio Lower Upper
 240 100
 120 23.2 5.8 8.8#
 236 24.6 20.5 30.7



#78
 Terphenyl-d14
 Concen: 86.33 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096182.D
 Acq: 24 Jun 2017 10:44

Tgt Ion:244 Resp: 358958
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 15.1 10.3 15.5



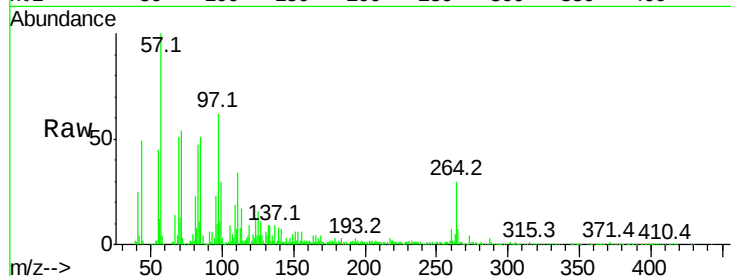


#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.97 min Scan# 3142
Delta R.T. 0.03 min
Lab File: BF096182.D
Acq: 24 Jun 2017 10:44

Instrument :
BNA_F
ClientSampleId :
A6229

Tot Ion: 264 Resp: 100741

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.9	17.2	25.8



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

