

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
 Data File : BF082065.D
 Acq On : 6 Oct 2015 1:31
 Operator : UM/IZ
 Sample : G3891-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-6(0-18)

Quant Time: Oct 06 13:15:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

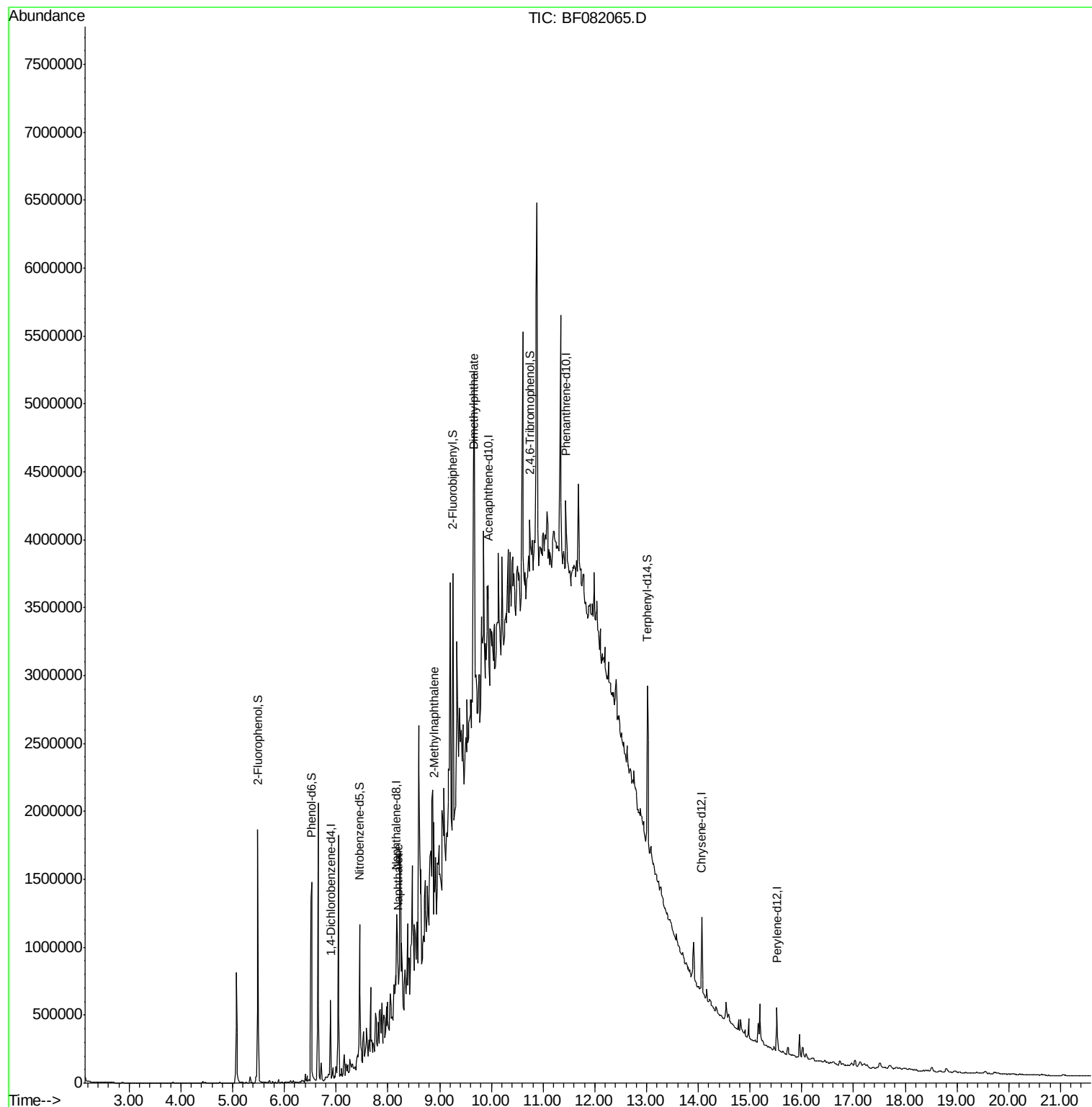
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	100918	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	331517	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	127231	20.00	ng	0.01
63) Phenanthrene-d10	11.44	188	177660	20.00	ng	0.02
75) Chrysene-d12	14.07	240	222856	20.00	ng	0.01
86) Perylene-d12	15.52	264	166484	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	560654	100.85	ng	0.01
7) Phenol-d6	6.53	99	838894	119.92	ng	0.01
23) Nitrobenzene-d5	7.45	82	448912	90.26	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	135648	105.27	ng	0.02
44) 2-Fluorobiphenyl	9.26	172	716020	96.75	ng	0.01
78) Terphenyl-d14	13.02	244	595208	86.76	ng	0.01
Target Compounds						Qvalue
31) Naphthalene	8.19	128	152212	10.36	ng	97
37) 2-Methylnaphthalene	8.89	142	181543	18.11	ng	# 91
49) Dimethylphthalate	9.66	163	122866	13.99	ng	# 74

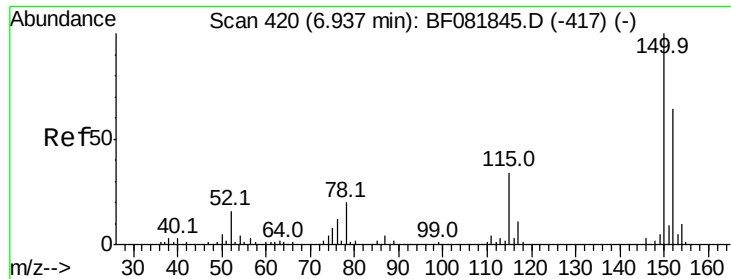
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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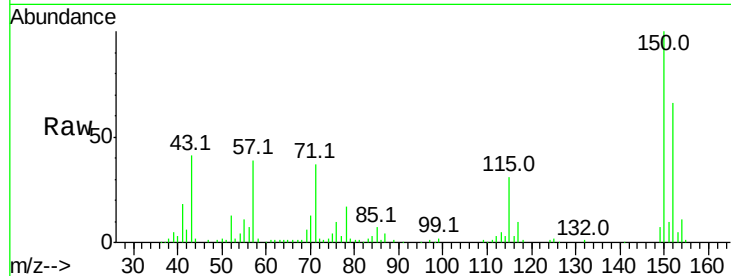


#1

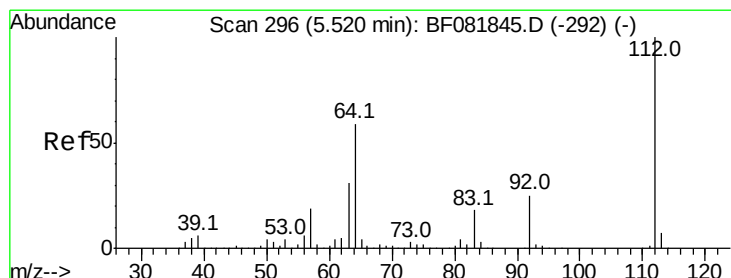
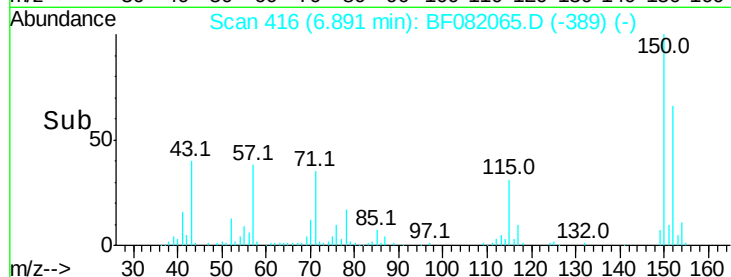
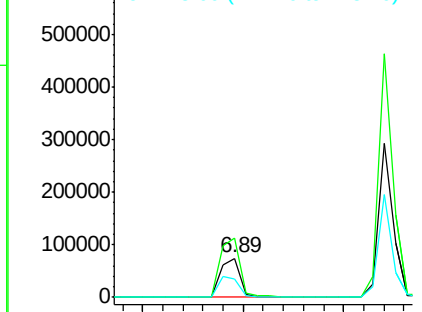
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF082065.D
Acq: 6 Oct 2015 1:31

Instrument :
BNA_F
ClientSampleId :
SS-6(0-18)

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.7	187.1
115	46.3	39.0	58.4



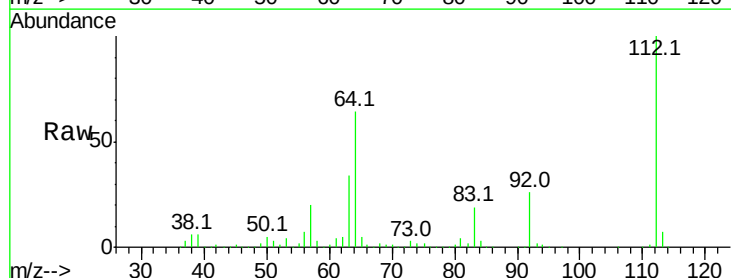
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



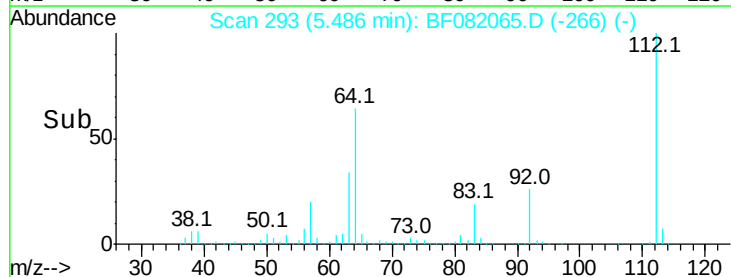
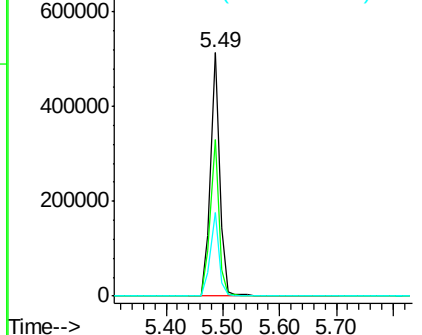
#5

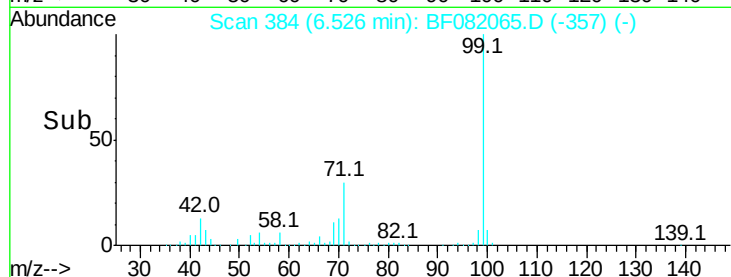
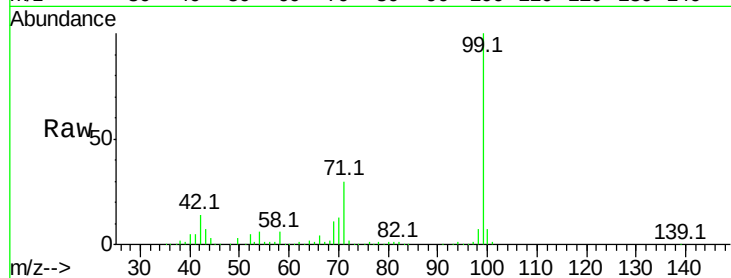
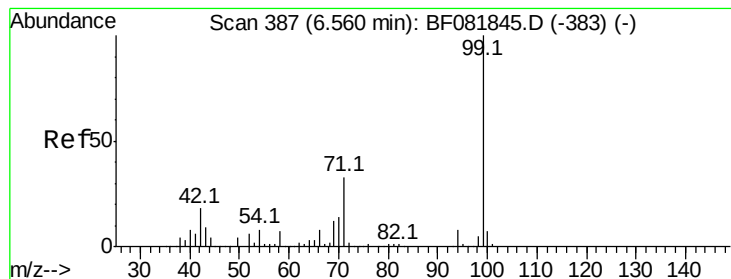
2-Fluorophenol
Concen: 100.85 ng
RT: 5.49 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF082065.D
Acq: 6 Oct 2015 1:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	39.7	59.5#
63	34.2	17.4	26.0#



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: 119.92 ng

RT: 6.53 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF082065.D

Acq: 6 Oct 2015 1:31

Instrument :

BNA_F

ClientSampleId :

SS-6(0-18)

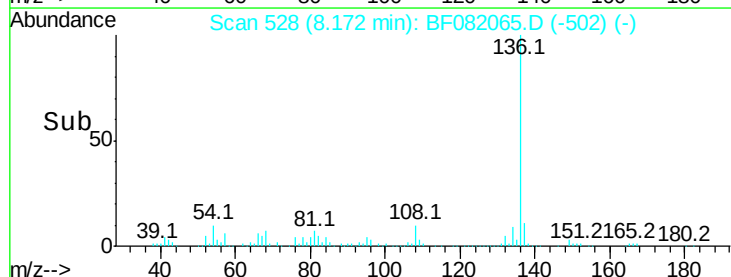
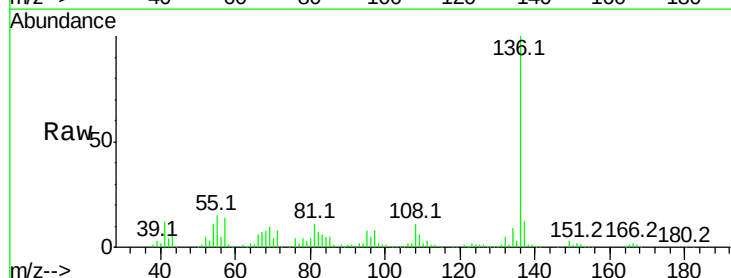
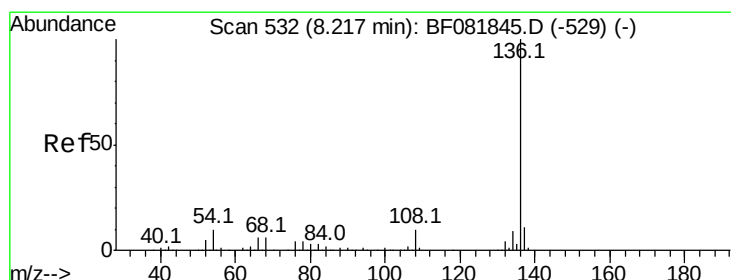
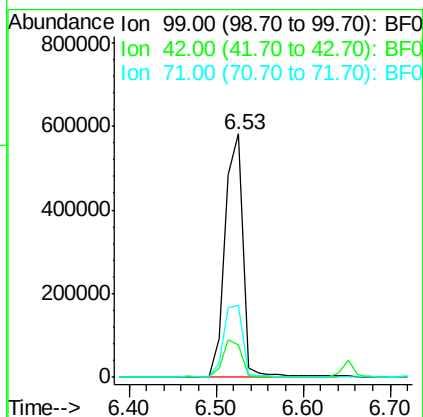
Tot Ion: 99 Resp: 838894

Ion Ratio Lower Upper

99 100

42 13.5 13.7 20.5#

71 29.7 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF082065.D

Acq: 6 Oct 2015 1:31

Tgt Ion: 136 Resp: 331517

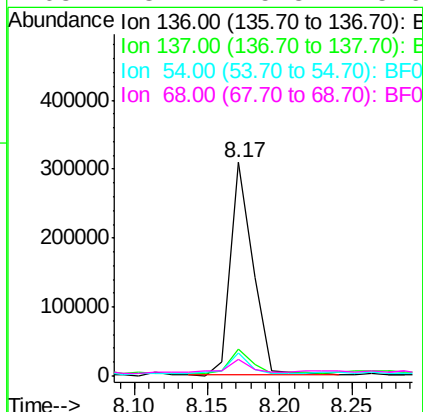
Ion Ratio Lower Upper

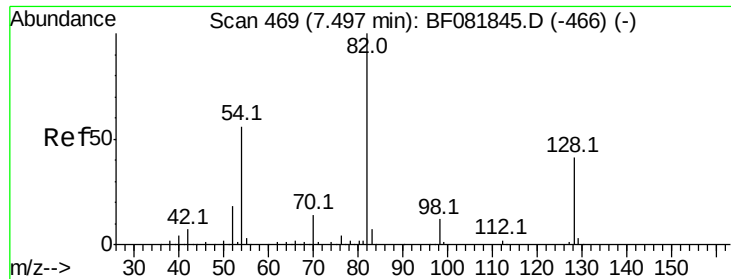
136 100

137 12.5 9.0 13.6

54 10.8 8.2 12.2

68 8.1 5.8 8.6

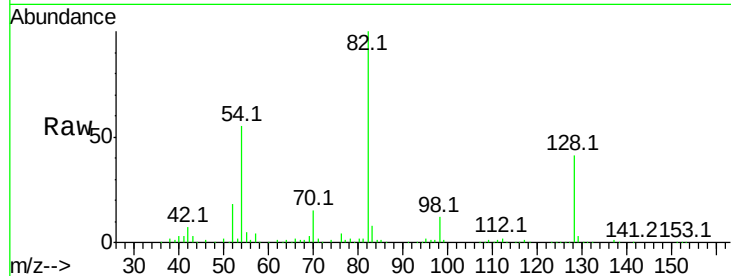




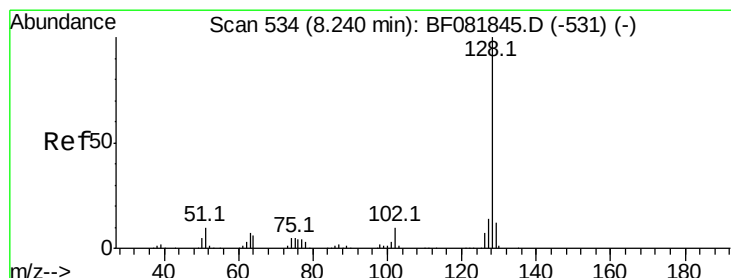
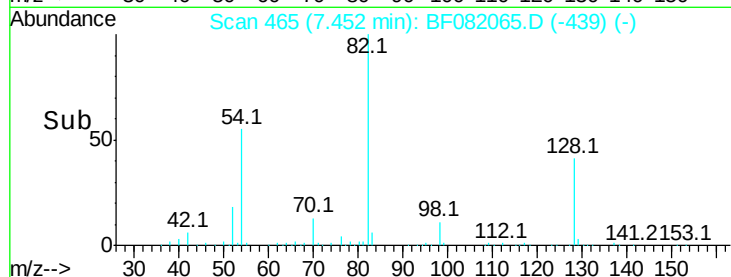
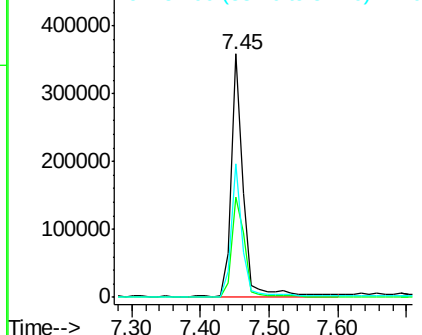
#23
 Nitrobenzene-d5
 Concen: 90.26 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF082065.D
 Acq: 6 Oct 2015 1:31

Instrument :
 BNA_F
 ClientSampleId :
 SS-6(0-18)

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	51.0	76.6#
54	55.0	47.5	71.3

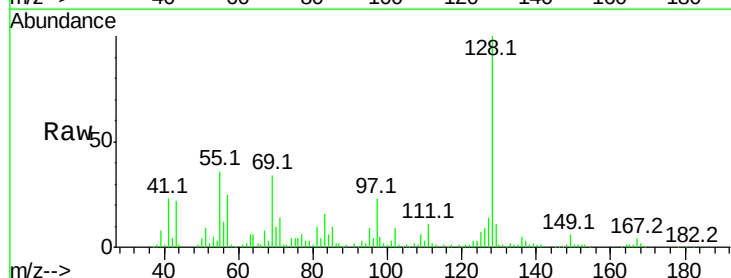


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

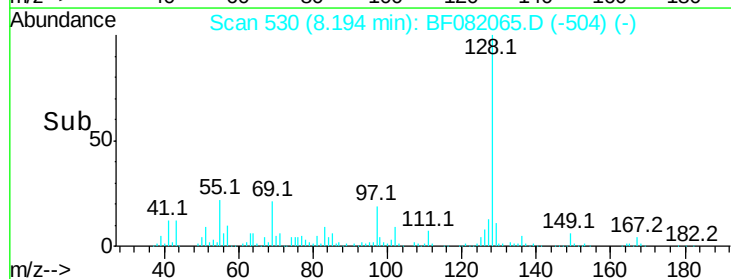
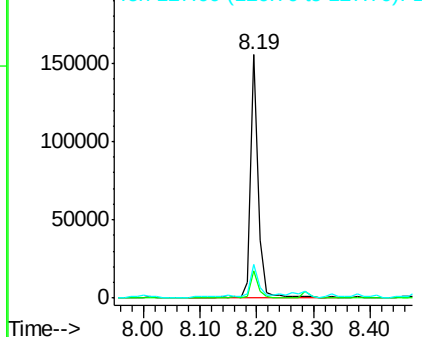


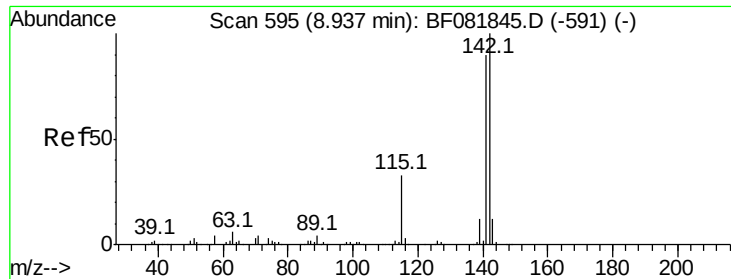
#31
 Naphthalene
 Concen: 10.36 ng
 RT: 8.19 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: BF082065.D
 Acq: 6 Oct 2015 1:31

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.4	12.6
127	14.0	9.9	14.9



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: 18.11 ng

RT: 8.89 min Scan# 591

Delta R.T. -0.00 min

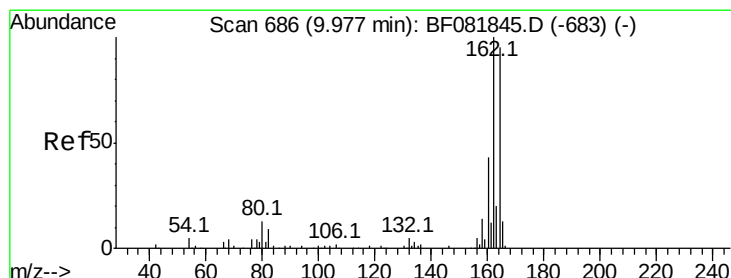
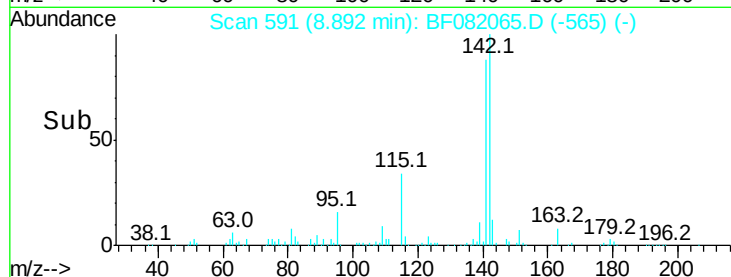
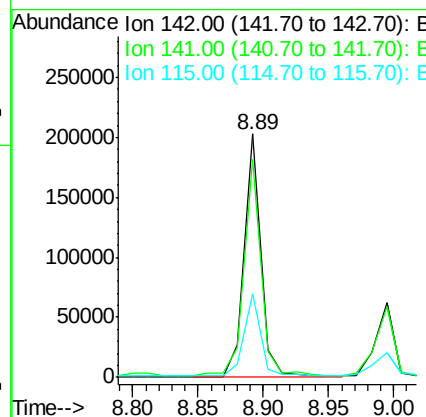
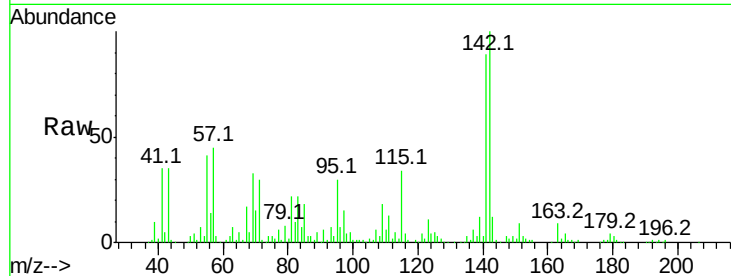
Lab File: BF082065.D

Acq: 6 Oct 2015 1:31

Instrument :
BNA_F
ClientSampleId :
SS-6(0-18)

Tot Ion:142 Resp: 181543

Ion	Ratio	Lower	Upper
142	100		
141	89.3	67.5	101.3
115	34.3	18.2	27.2



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 683

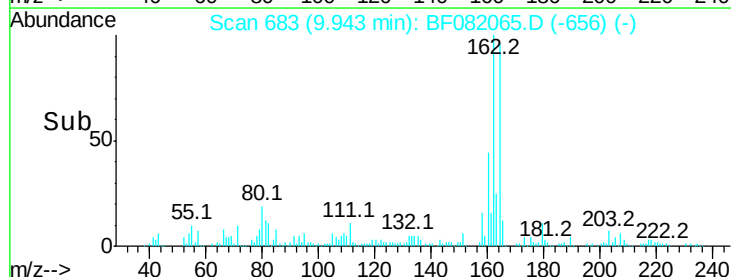
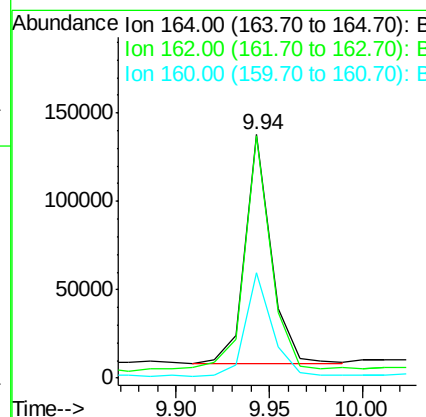
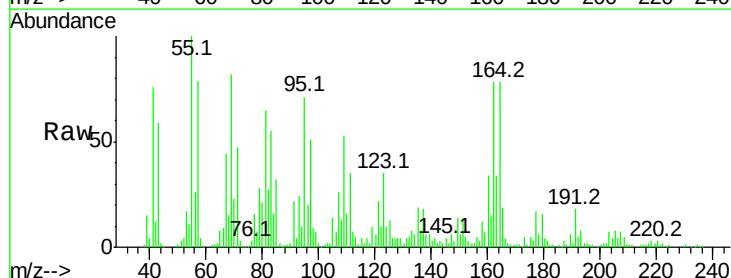
Delta R.T. 0.01 min

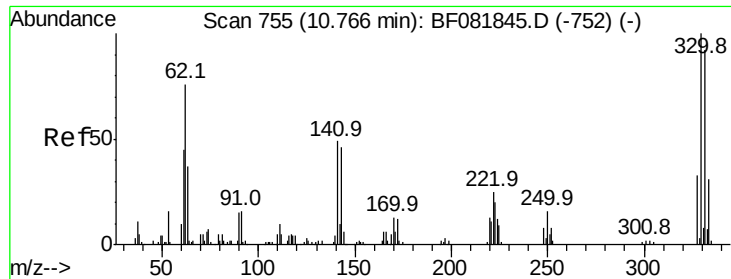
Lab File: BF082065.D

Acq: 6 Oct 2015 1:31

Tgt Ion:164 Resp: 127231

Ion	Ratio	Lower	Upper
164	100		
162	99.5	75.2	112.8
160	43.2	31.5	47.3

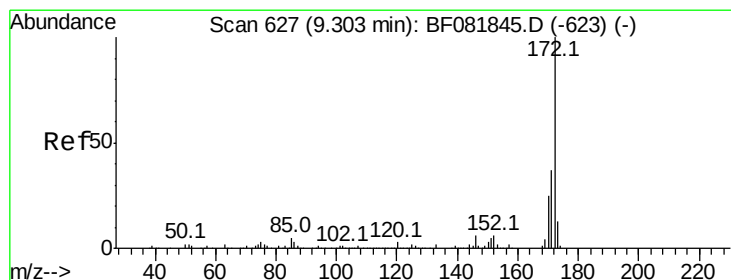
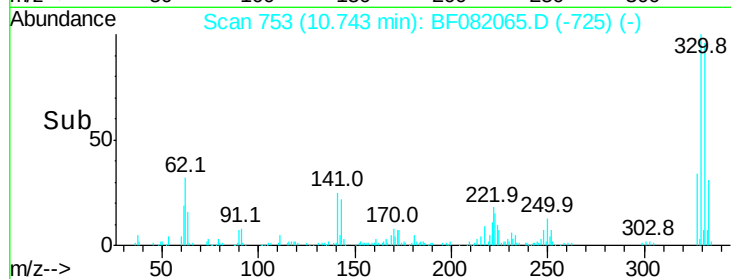
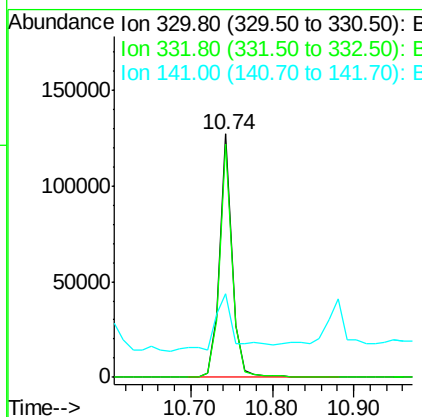
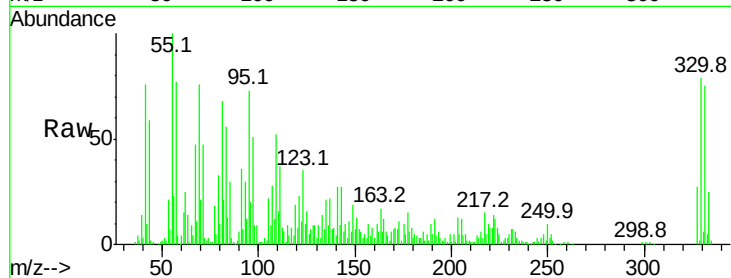




#41
 2,4,6-Tribromophenol
 Concen: 105.27 ng
 RT: 10.74 min Scan# 753
 Delta R.T. 0.02 min
 Lab File: BF082065.D
 Acq: 6 Oct 2015 1:31

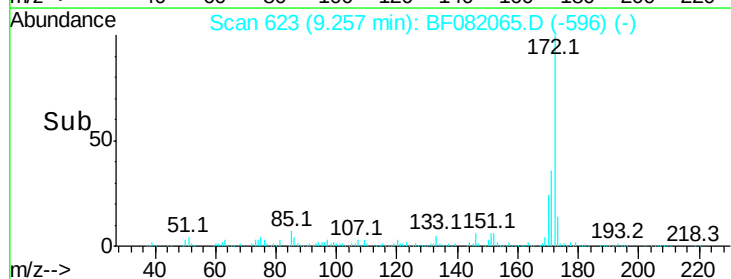
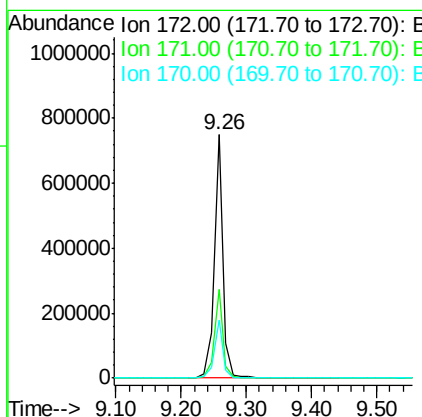
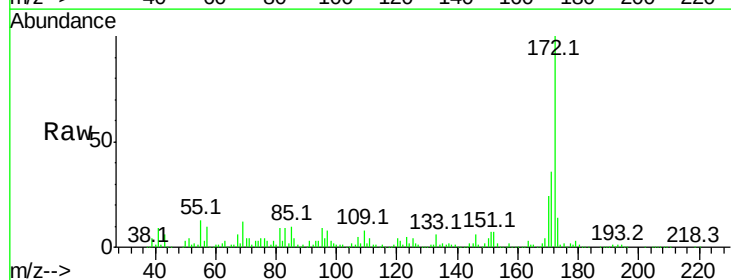
Instrument :
 BNA_F
 ClientSampleId :
 SS-6(0-18)

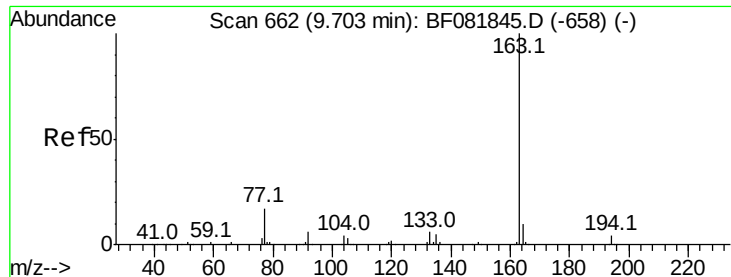
Tot Ion:330 Resp: 135648
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 31.7 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 96.75 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF082065.D
 Acq: 6 Oct 2015 1:31

Tgt Ion:172 Resp: 716020
 Ion Ratio Lower Upper
 172 100
 171 36.4 26.1 39.1
 170 24.0 17.4 26.2





#49

Dimethylphthalate

Concen: 13.99 ng

RT: 9.66 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF082065.D

Acq: 6 Oct 2015 1:31

Instrument :

BNA_F

ClientSampleId :

SS-6(0-18)

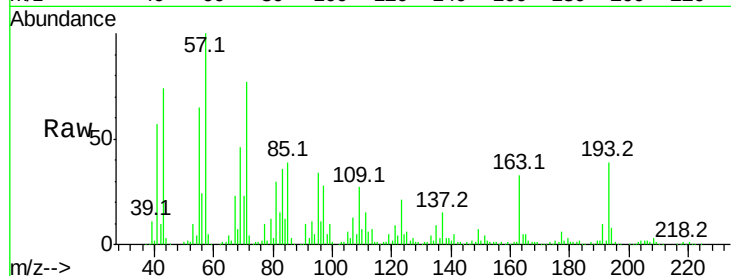
Tot Ion:163 Resp: 122866

Ion Ratio Lower Upper

163 100

194 23.9 4.4 6.6#

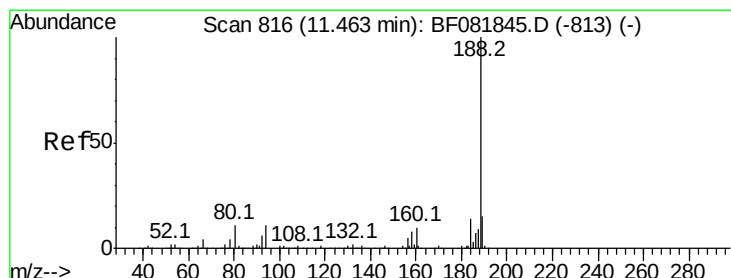
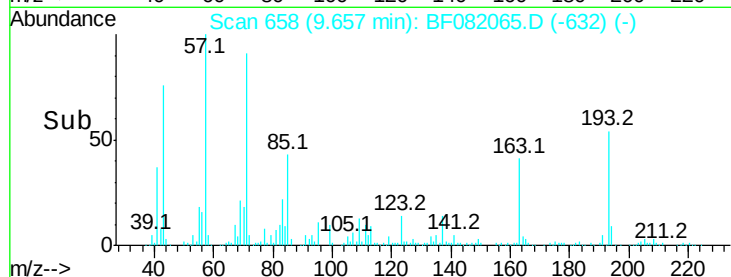
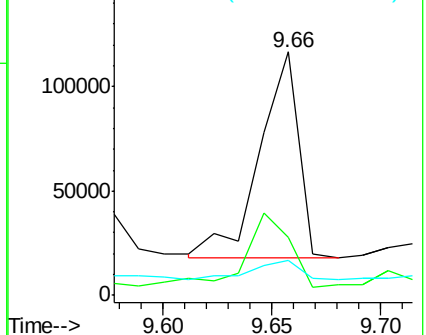
164 14.1 8.3 12.5#



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: 11.44 min Scan# 814

Delta R.T. 0.02 min

Lab File: BF082065.D

Acq: 6 Oct 2015 1:31

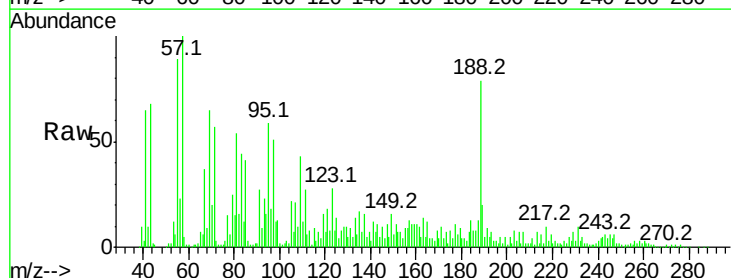
Tgt Ion:188 Resp: 177660

Ion Ratio Lower Upper

188 100

94 20.8 11.1 16.7#

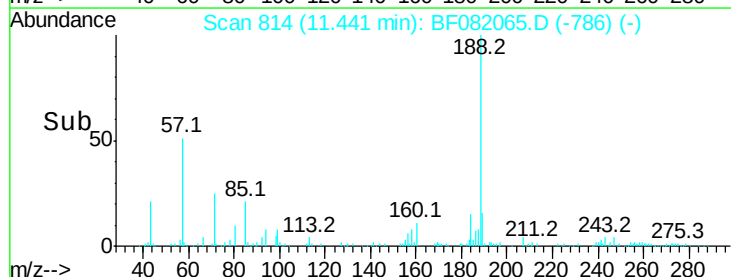
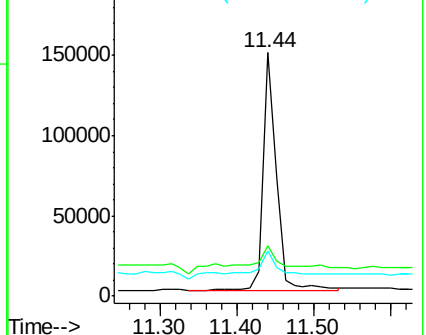
80 18.8 11.0 16.4#

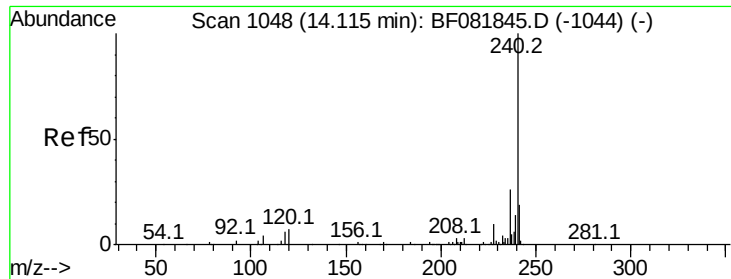


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BF082065.D

Acq: 6 Oct 2015 1:31

Instrument :

BNA_F

ClientSampleId :

SS-6(0-18)

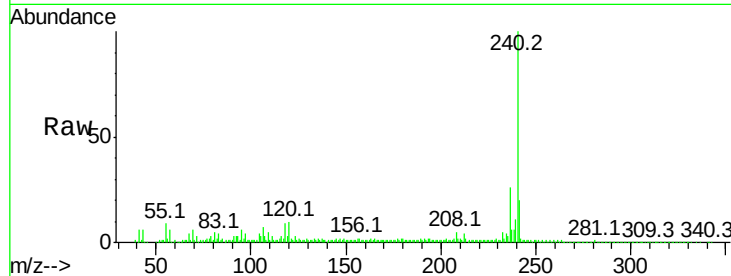
Tot Ion:240 Resp: 222856

Ion Ratio Lower Upper

240 100

120 10.4 16.2 24.2#

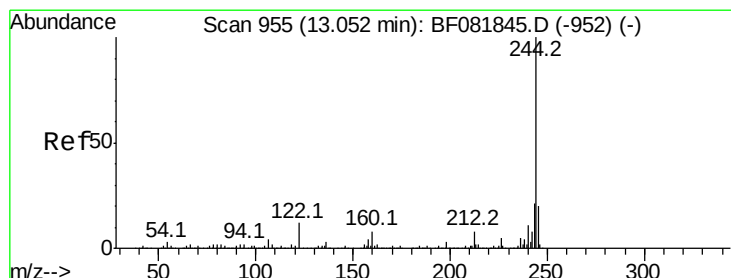
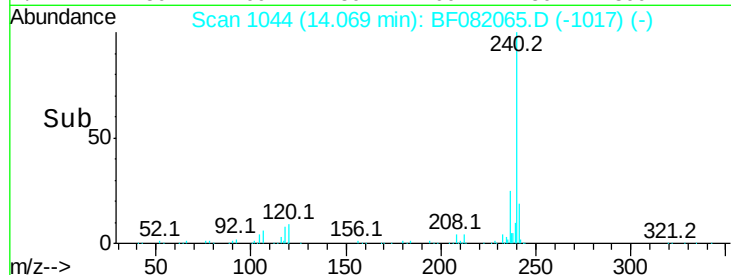
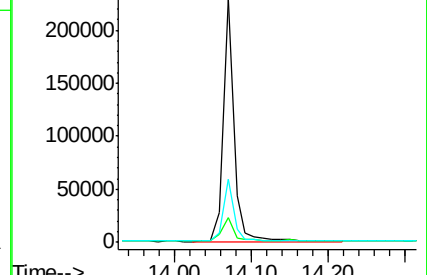
236 26.2 18.4 27.6



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: 86.76 ng

RT: 13.02 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF082065.D

Acq: 6 Oct 2015 1:31

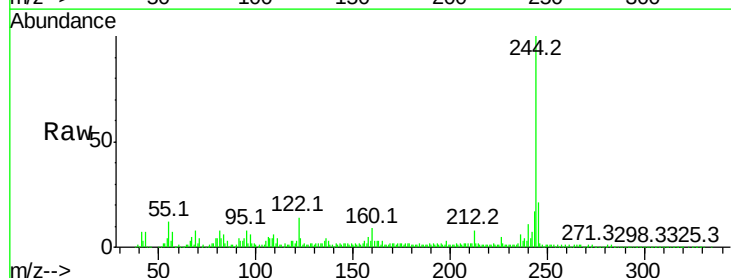
Tgt Ion:244 Resp: 595208

Ion Ratio Lower Upper

244 100

212 8.1 4.3 6.5#

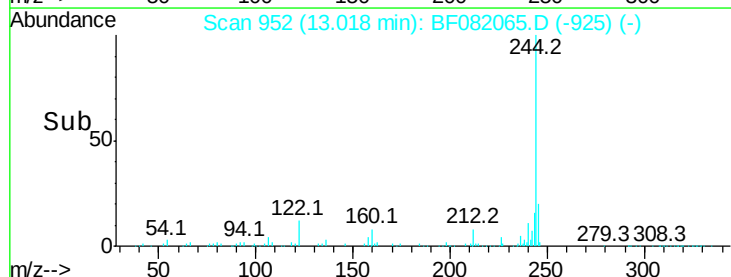
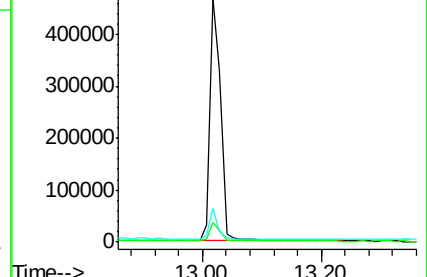
122 13.9 17.4 26.2#

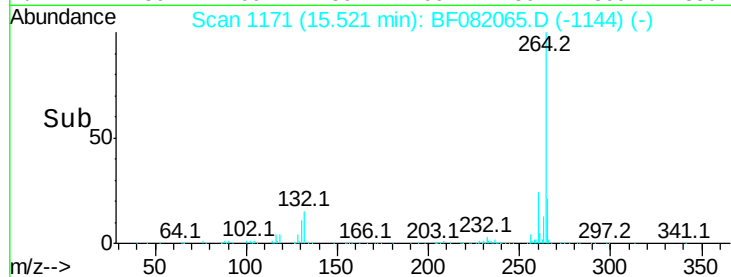
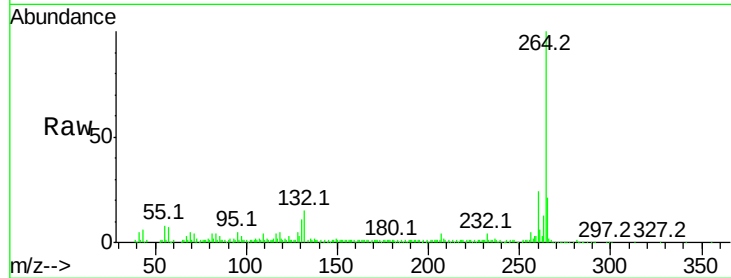
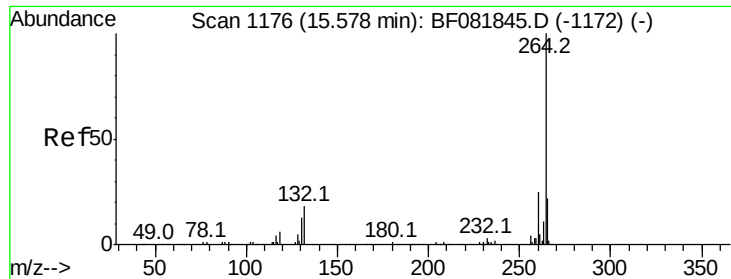


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF082065.D
 Acq: 6 Oct 2015 1:31

Instrument :
 BNA_F
 ClientSampleId :
 SS-6(0-18)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	21.2	17.2	25.8

