

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082085.D
 Acq On : 6 Oct 2015 15:37
 Operator : UM/IZ
 Sample : G3857-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2-COMP

Quant Time: Oct 06 16:33:17 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

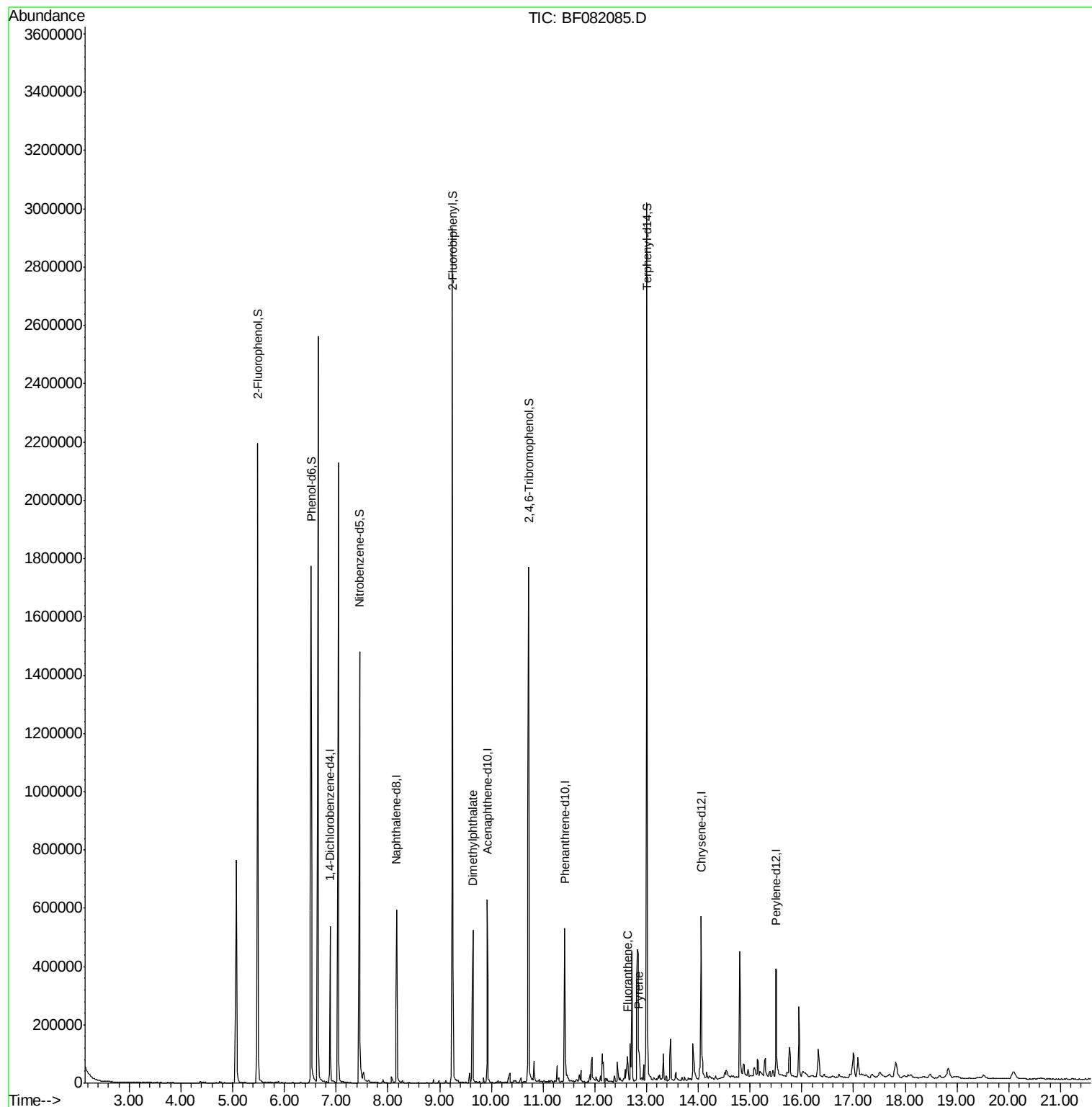
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	85473	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	337229	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	157434	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	323572	20.00	ng	0.00
75) Chrysene-d12	14.06	240	293934	20.00	ng	0.00
86) Perylene-d12	15.51	264	238250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	701829	149.06	ng	0.01
7) Phenol-d6	6.51	99	829114	139.94	ng	0.00
23) Nitrobenzene-d5	7.45	82	562919	111.27	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	259408	162.70	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	988331	111.79	ng	0.00
78) Terphenyl-d14	13.01	244	1129598	165.03	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	311639	28.68	ng	Qvalue # 97
74) Fluoranthene	12.63	202	53621	3.09	ng	86
77) Pyrene	12.86	202	45676	2.60	ng	98

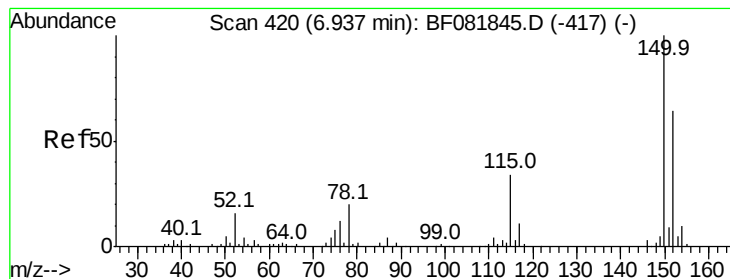
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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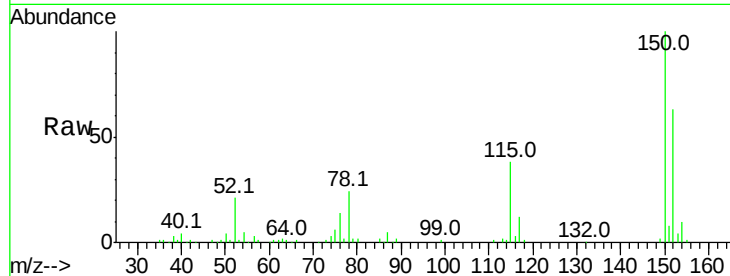


#1

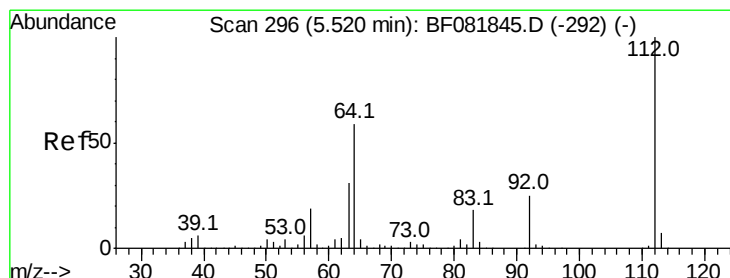
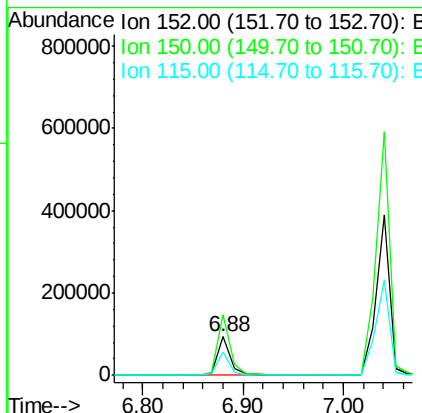
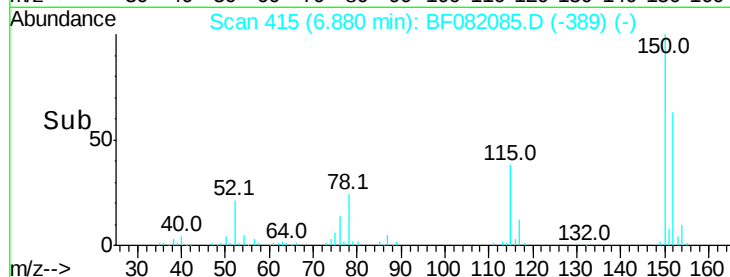
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF082085.D
 Acq: 6 Oct 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 A2-COMP

Tot Ion:152 Resp: 85473
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.7 187.1
 115 59.7 39.0 58.4#



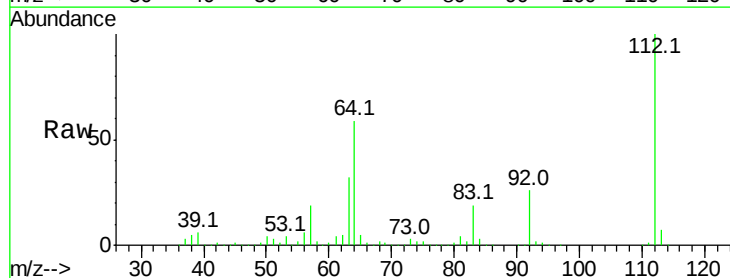
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



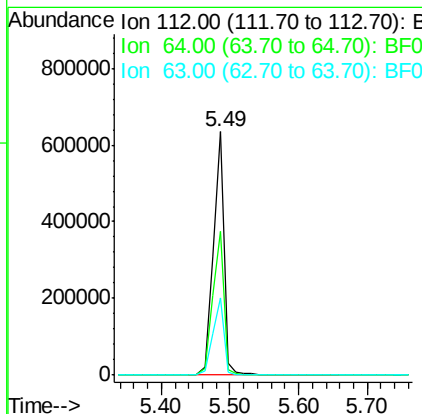
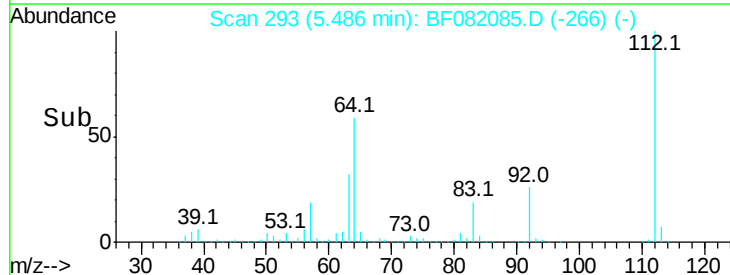
#5

2-Fluorophenol
 Concen: 149.06 ng
 RT: 5.49 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: BF082085.D
 Acq: 6 Oct 2015 15:37

Tgt Ion:112 Resp: 701829
 Ion Ratio Lower Upper
 112 100
 64 59.3 39.7 59.5
 63 31.6 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: 139.94 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082085.D

Acq: 6 Oct 2015 15:37

Instrument :

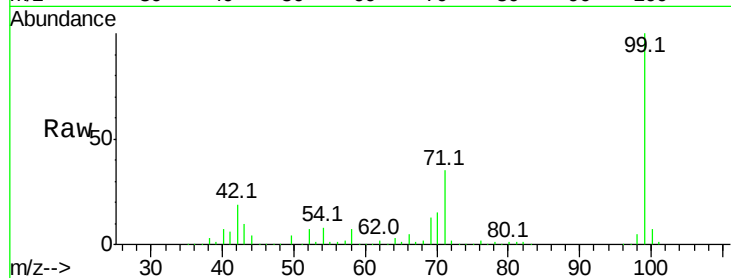
BNA_F

ClientSampleId :

A2-COMP

Tot Ion: 99 Resp: 829114

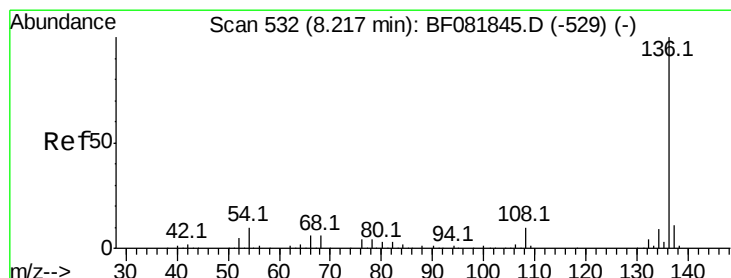
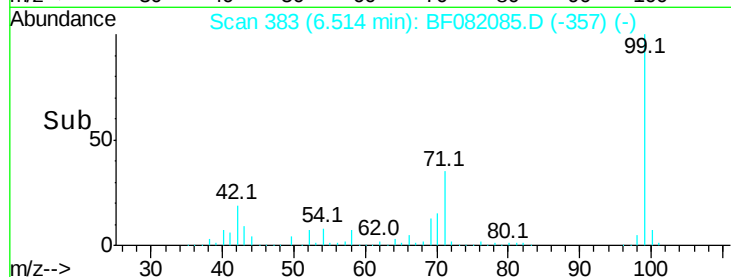
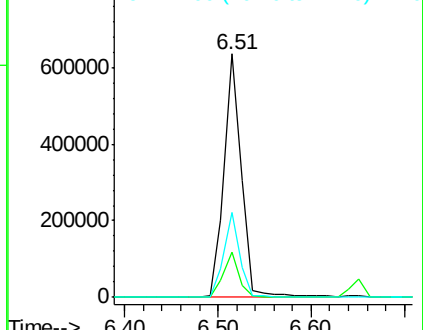
Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.7	20.5
71	34.7	14.2	21.2#



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: 8.17 min Scan# 528

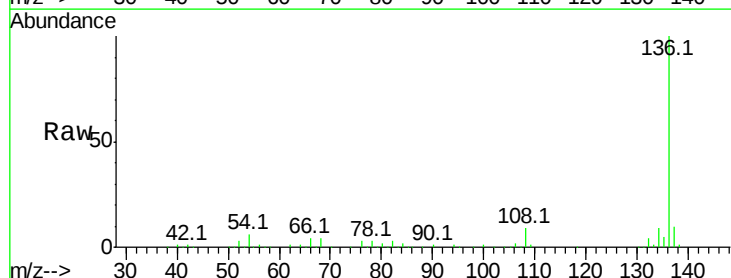
Delta R.T. -0.00 min

Lab File: BF082085.D

Acq: 6 Oct 2015 15:37

Tgt Ion: 136 Resp: 337229

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	5.8	8.2	12.2#
68	4.4	5.8	8.6#

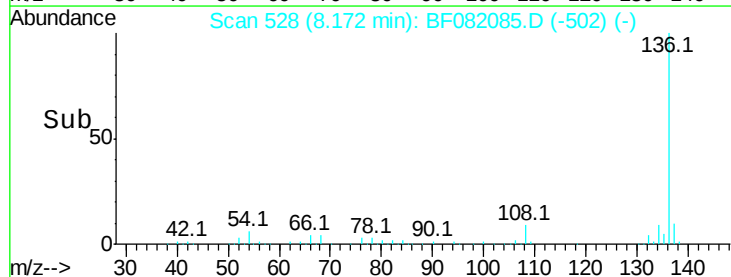
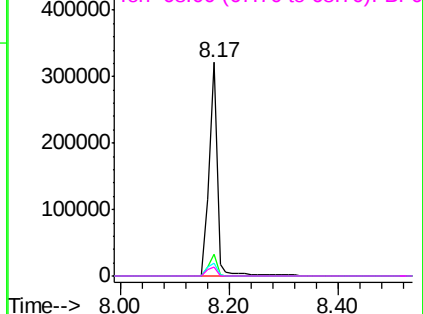


Abundance Ion 136.00 (135.70 to 136.70): E

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

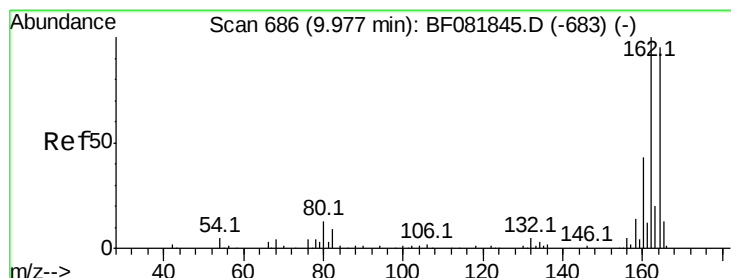
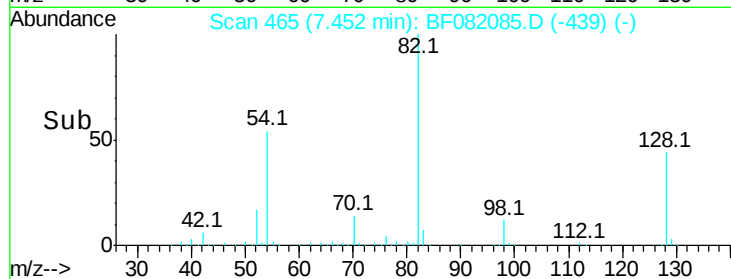
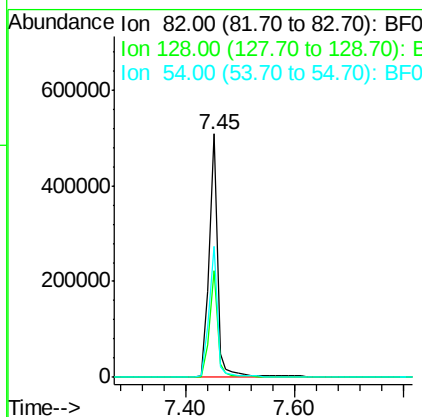
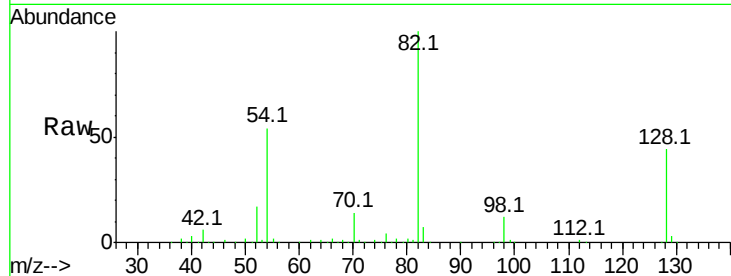




#23
 Nitrobenzene-d5
 Concen: 111.27 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF082085.D
 Acq: 6 Oct 2015 15:37

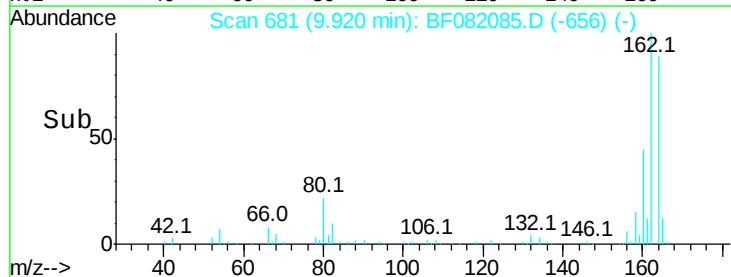
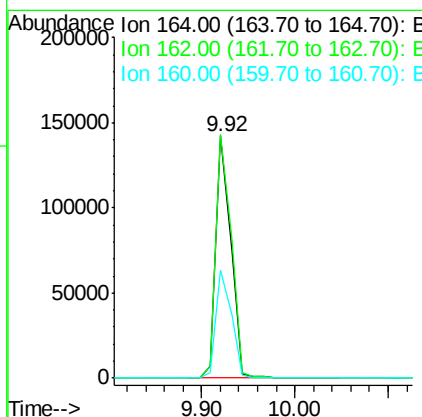
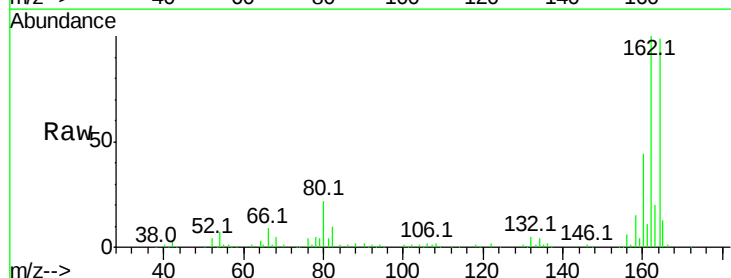
Instrument :
 BNA_F
 ClientSampleId :
 A2-COMP

Tot Ion: 82 Resp: 562919
 Ion Ratio Lower Upper
 82 100
 128 43.8 51.0 76.6#
 54 53.7 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF082085.D
 Acq: 6 Oct 2015 15:37

Tgt Ion:164 Resp: 157434
 Ion Ratio Lower Upper
 164 100
 162 100.7 75.2 112.8
 160 44.8 31.5 47.3

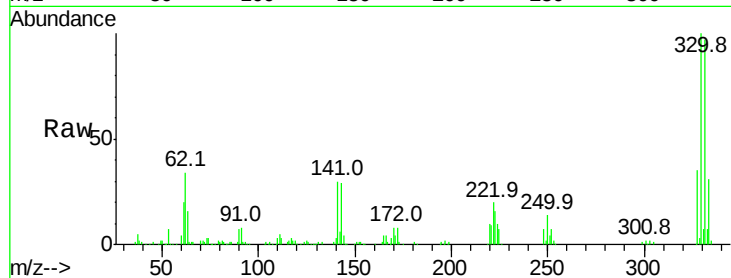




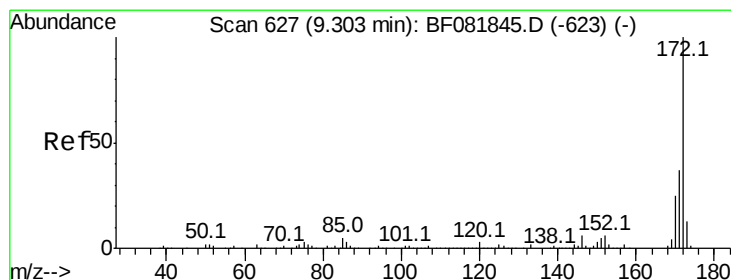
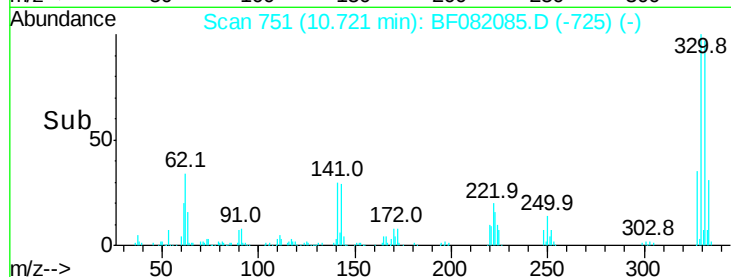
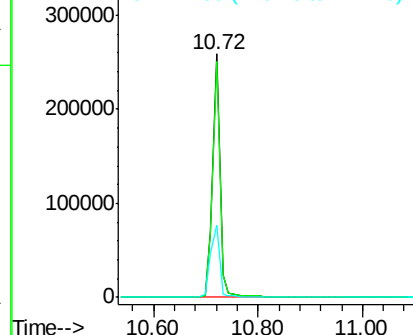
#41
 2,4,6-Tribromophenol
 Concen: 162.70 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082085.D
 Acq: 6 Oct 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 A2-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	36.0	29.7	44.5

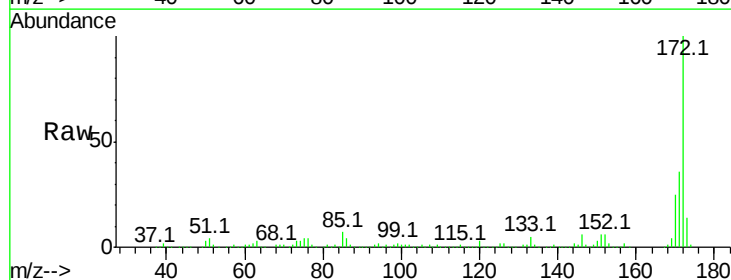


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

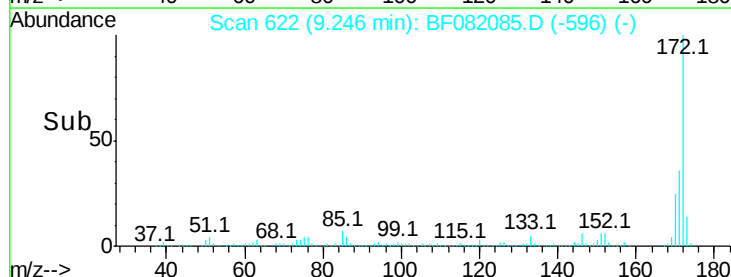
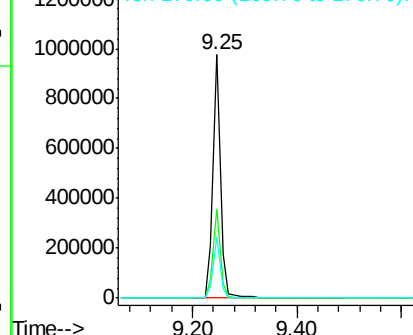


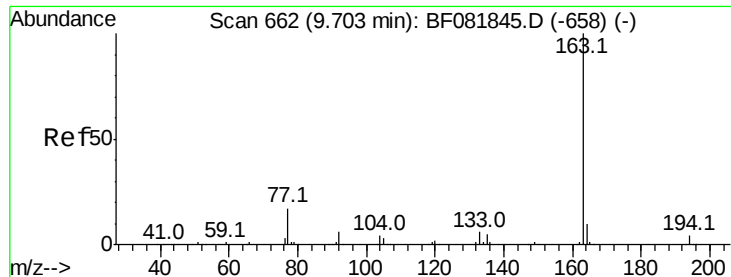
#44
 2-Fluorobiphenyl
 Concen: 111.79 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082085.D
 Acq: 6 Oct 2015 15:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	26.1	39.1
170	24.7	17.4	26.2



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

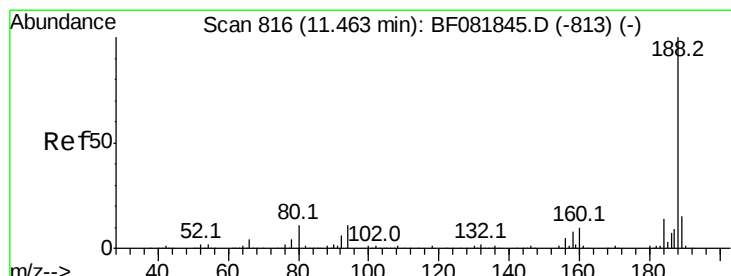
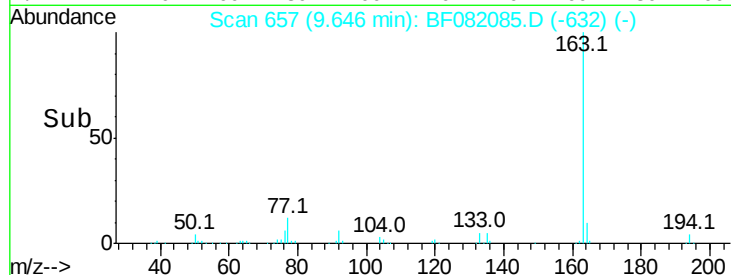
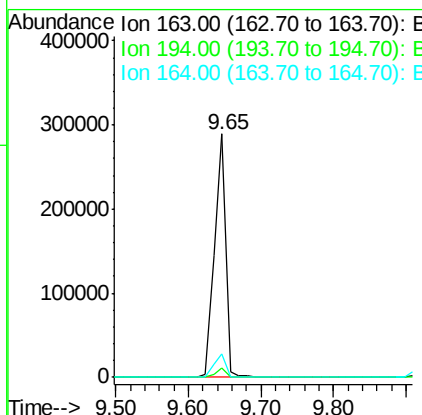
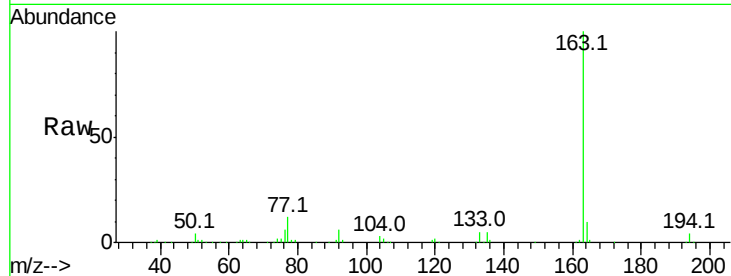




#49
Dimethylphthalate
Concen: 28.68 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082085.D
Acq: 6 Oct 2015 15:37

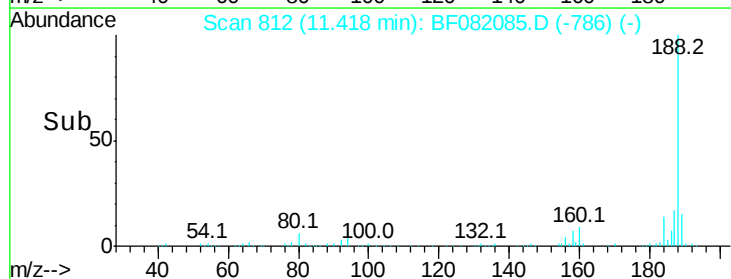
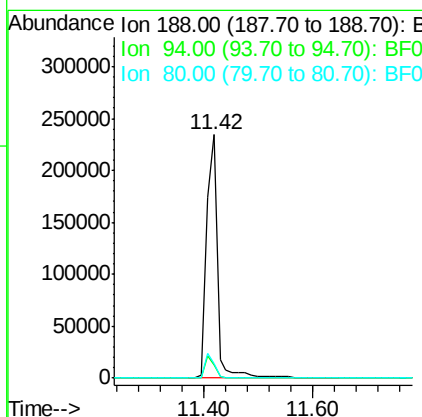
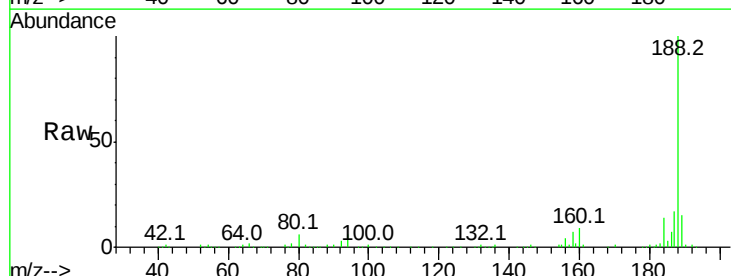
Instrument :
BNA_F
ClientSampleId :
A2-COMP

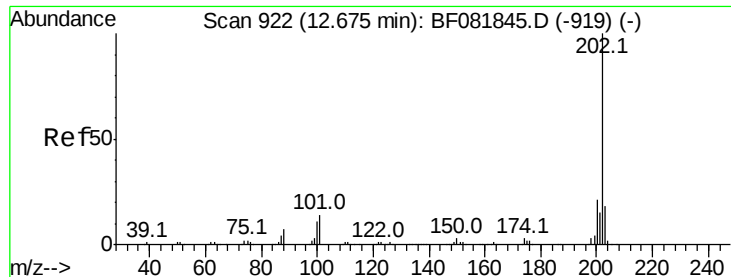
Tot Ion:163 Resp: 311639
Ion Ratio Lower Upper
163 100
194 3.8 4.4 6.6#
164 9.6 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082085.D
Acq: 6 Oct 2015 15:37

Tgt Ion:188 Resp: 323572
Ion Ratio Lower Upper
188 100
94 5.5 11.1 16.7#
80 5.9 11.0 16.4#

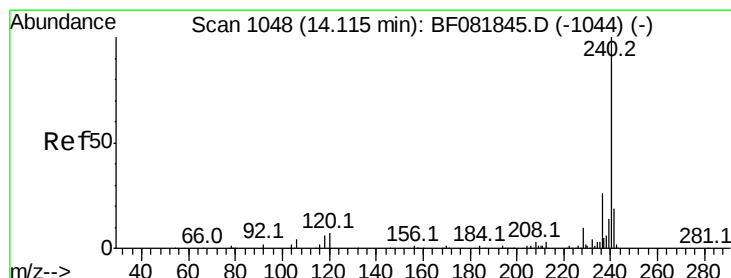
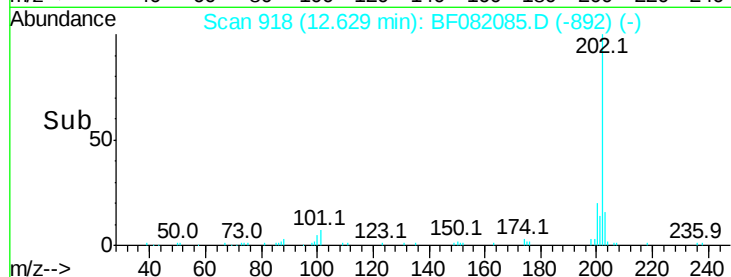
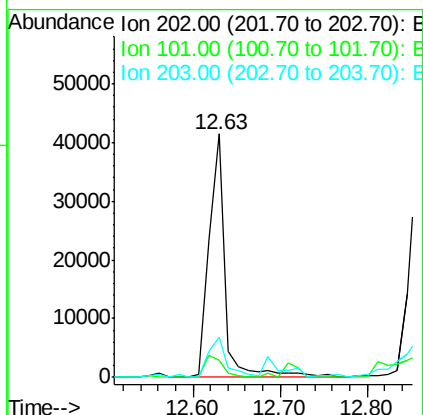
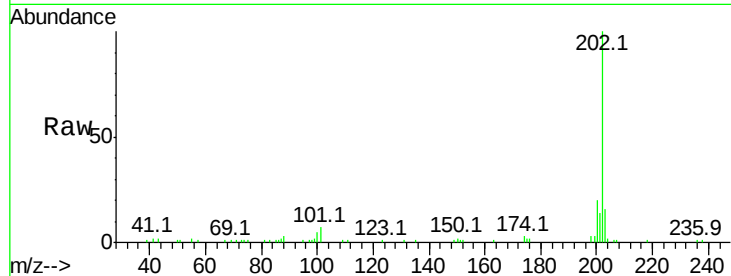




#74
Fluoranthene
Concen: 3.09 ng
RT: 12.63 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF082085.D
Acq: 6 Oct 2015 15:37

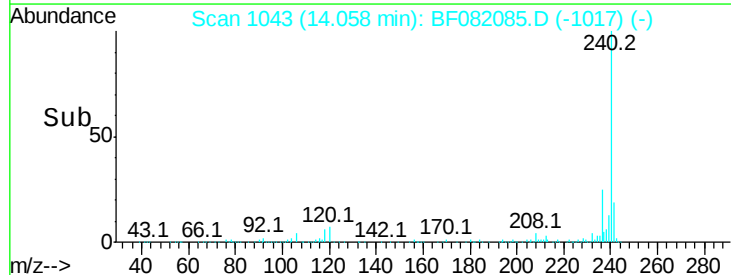
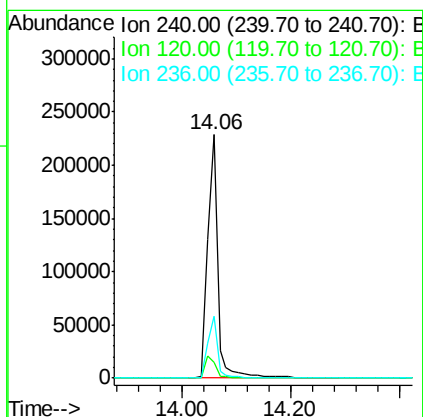
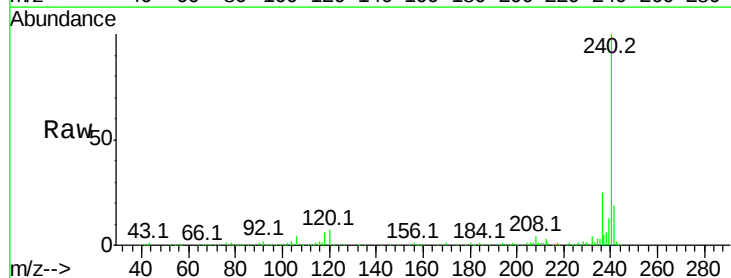
Instrument :
BNA_F
ClientSampleId :
A2-COMP

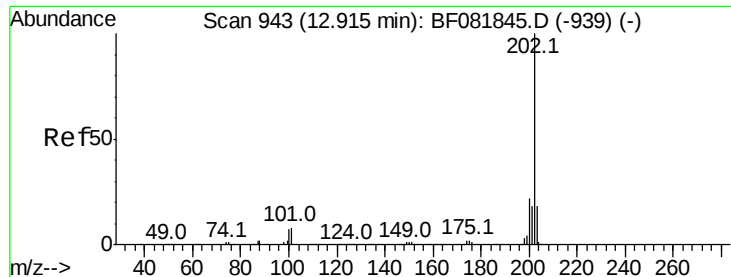
Tot Ion:202 Resp: 53621
Ion Ratio Lower Upper
202 100
101 7.2 0.0 38.3
203 16.4 0.0 37.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF082085.D
Acq: 6 Oct 2015 15:37

Tgt Ion:240 Resp: 293934
Ion Ratio Lower Upper
240 100
120 6.6 16.2 24.2#
236 25.2 18.4 27.6





#77

Pvrene

Concen: 2.60 ng

RT: 12.86 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF082085.D

Acq: 6 Oct 2015 15:37

Instrument :

BNA_F

ClientSampled :

A2-COMP

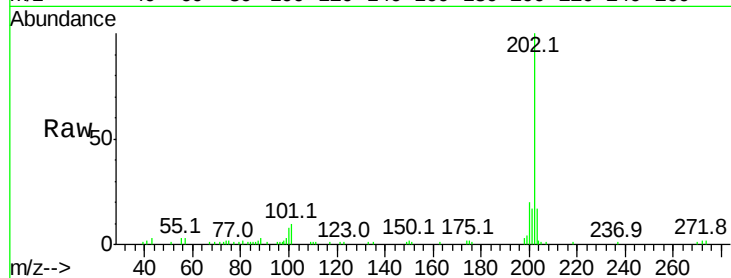
Tot Ion:202 Resp: 45676

Ion Ratio Lower Upper

202 100

200 19.9 15.0 22.4

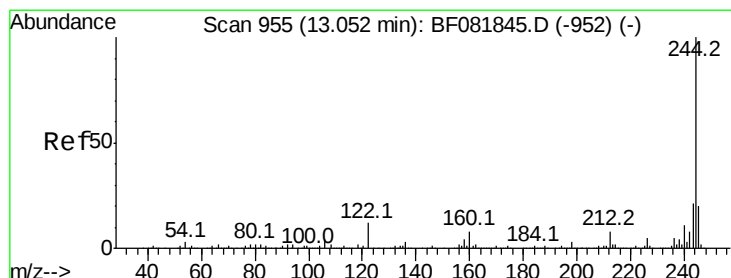
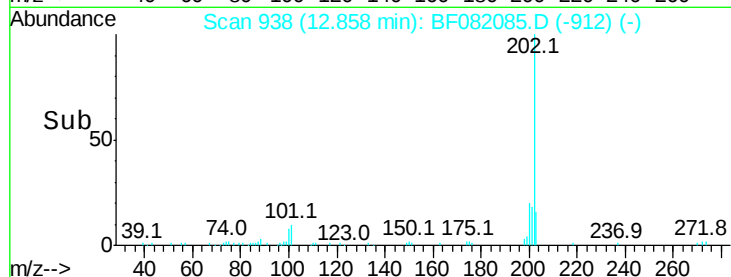
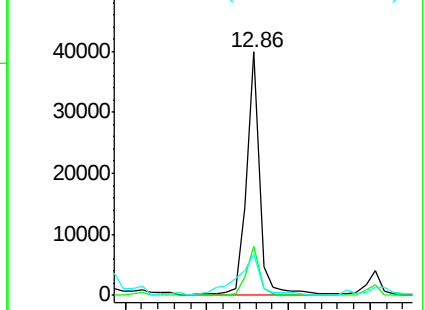
203 17.0 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 165.03 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF082085.D

Acq: 6 Oct 2015 15:37

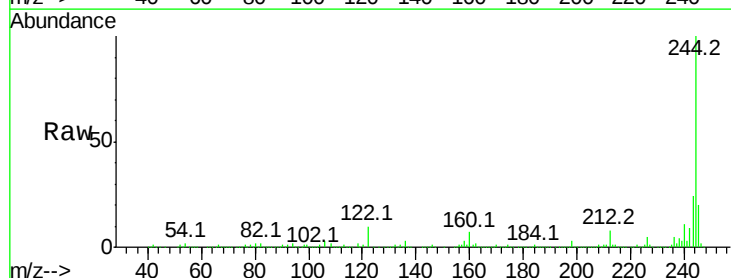
Tgt Ion:244 Resp: 1129598

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

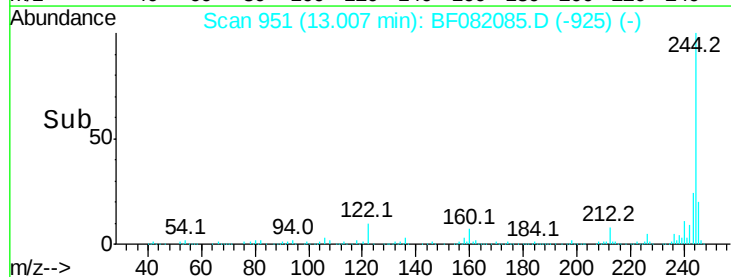
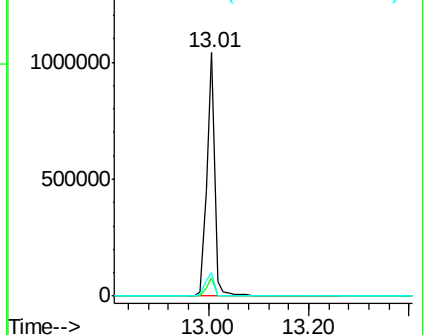
122 9.6 17.4 26.2#

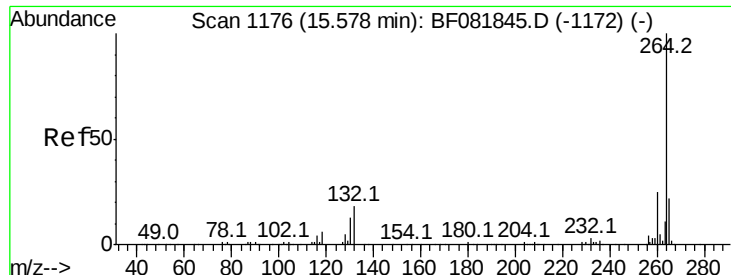


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

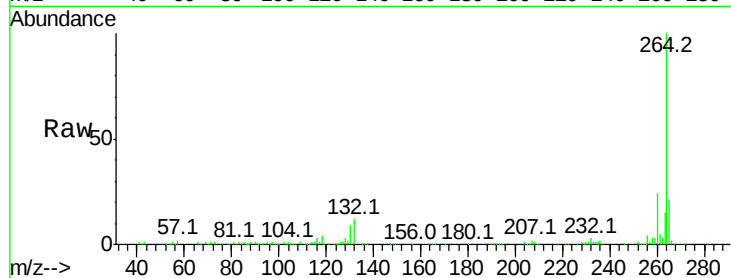




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF082085.D
 Acq: 6 Oct 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 A2-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	21.1	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

