

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092915\
 Data File : BF081907.D
 Acq On : 30 Sep 2015 10:08
 Operator : UM/IZ
 Sample : G3799-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0483

Quant Time: Sep 30 11:32:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

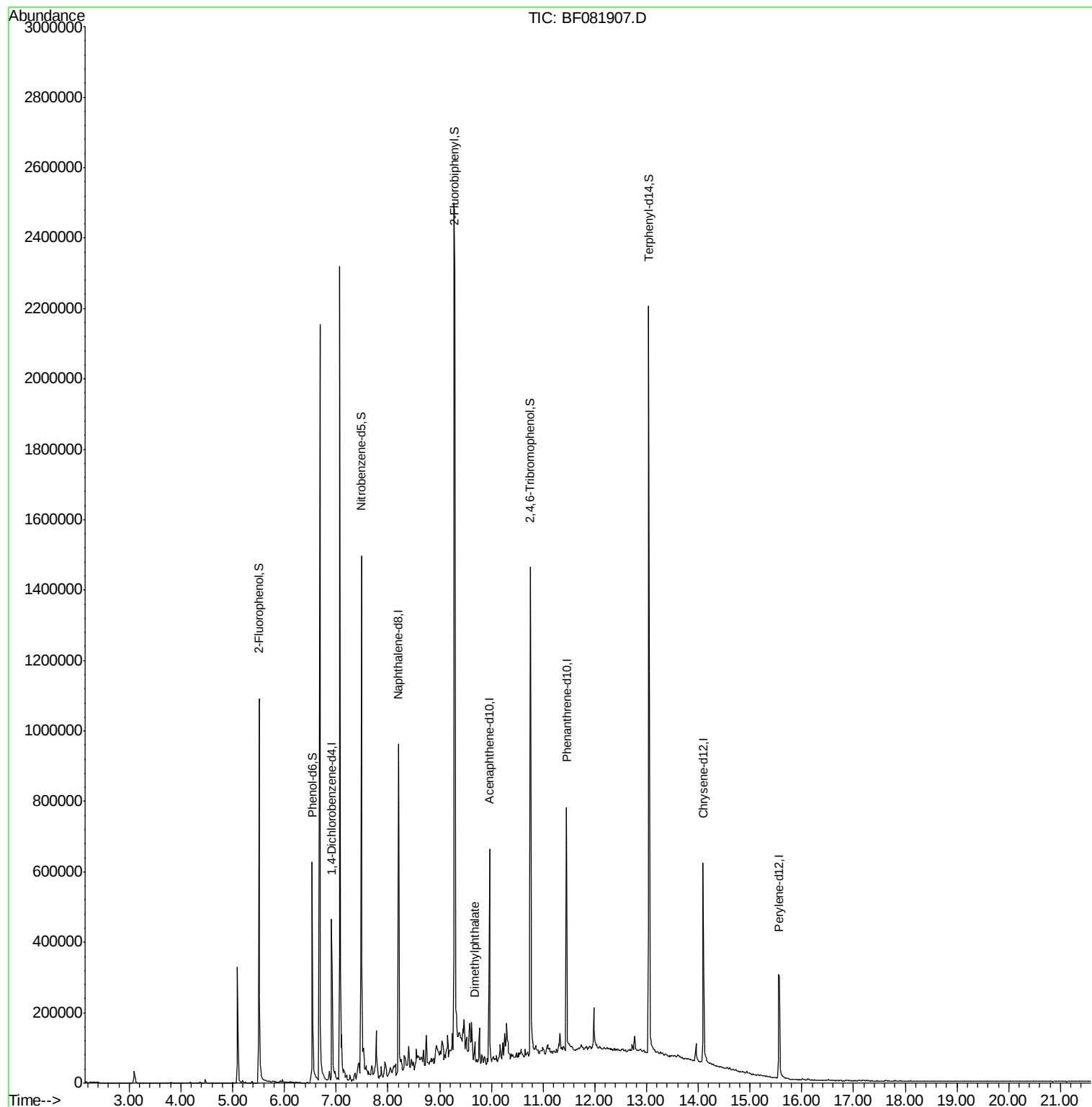
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	111488	20.00	ng	-0.02
21) Naphthalene-d8	8.21	136	474311	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	136390	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	280844	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	260181	20.00	ng	-0.02
86) Perylene-d12	15.57	264	218808	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	333328	54.27	ng	-0.01
7) Phenol-d6	6.54	99	255703	33.09	ng	-0.02
23) Nitrobenzene-d5	7.49	82	612706	86.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	199632	144.52	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1303701	248.99	ng	-0.01
78) Terphenyl-d14	13.04	244	884523	126.15	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.68	163	20823	2.21	ng	Qvalue # 97

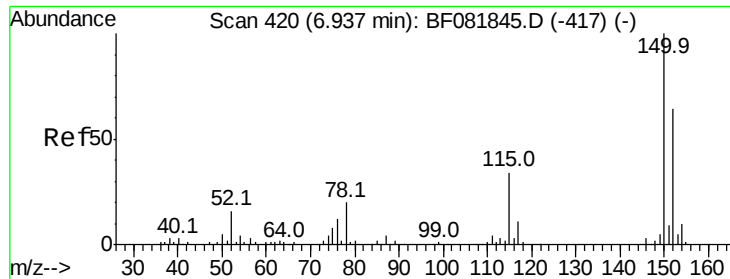
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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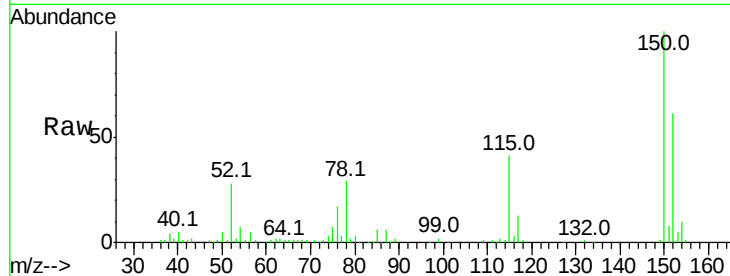


#1

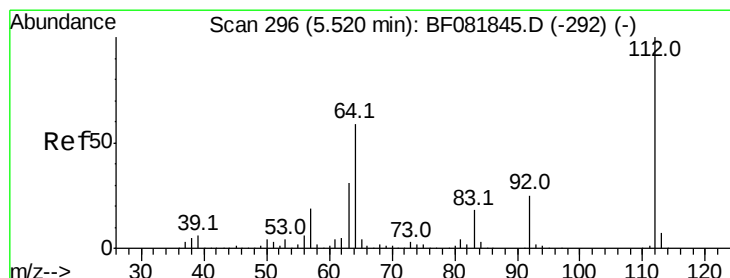
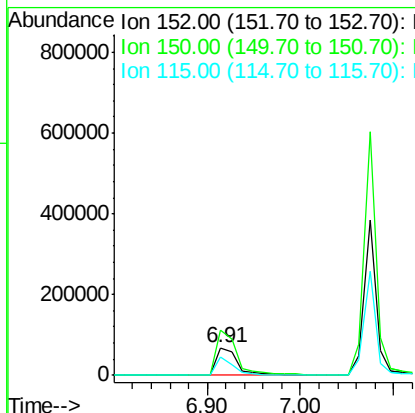
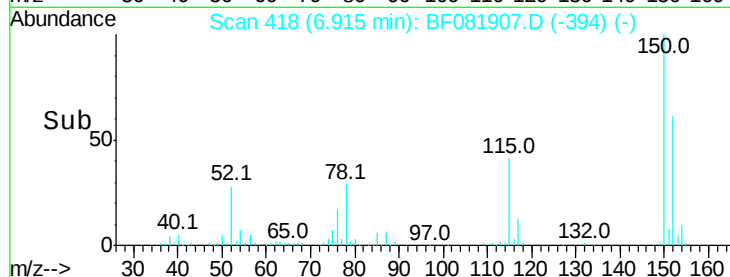
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081907.D
Acq: 30 Sep 2015 10:08

Instrument :
BNA_F
ClientSampleId :
S8-0483

Tot Ion:152 Resp: 111488
Ion Ratio Lower Upper
152 100
150 163.0 124.7 187.1
115 67.3 39.0 58.4#



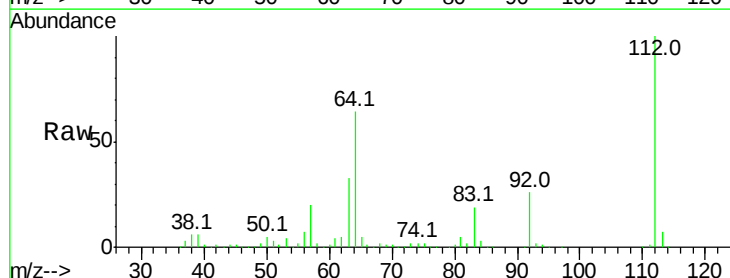
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



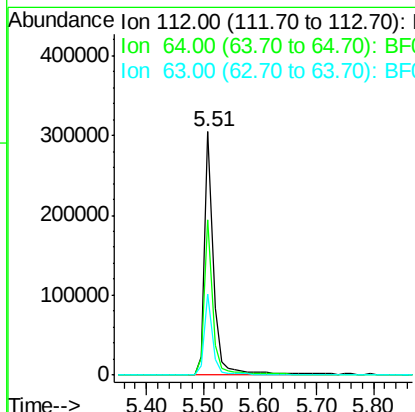
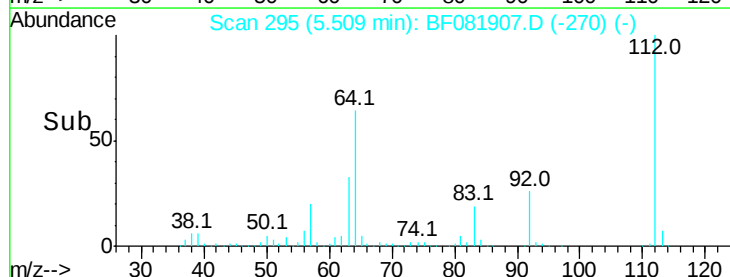
#5

2-Fluorophenol
Concen: 54.27 ng
RT: 5.51 min Scan# 295
Delta R.T. -0.01 min
Lab File: BF081907.D
Acq: 30 Sep 2015 10:08

Tgt Ion:112 Resp: 333328
Ion Ratio Lower Upper
112 100
64 63.5 39.7 59.5#
63 33.3 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: 33.09 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

Instrument :

BNA_F

ClientSampleId :

S8-0483

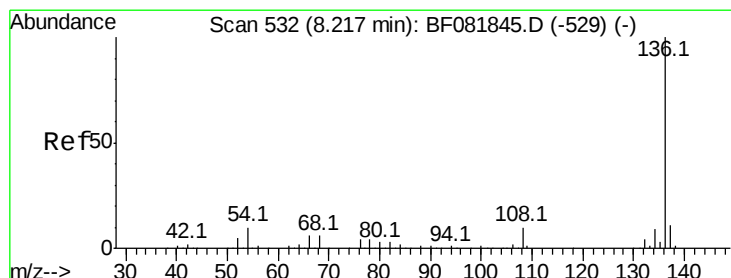
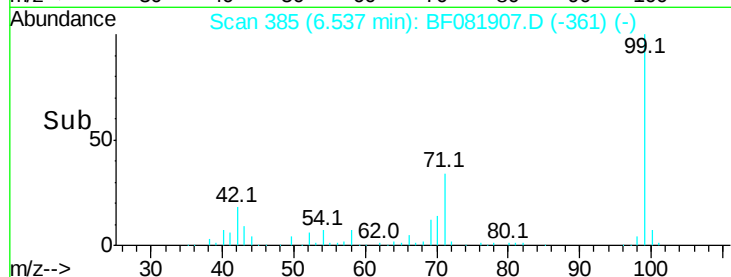
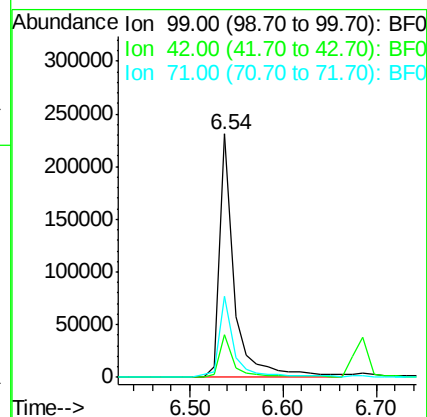
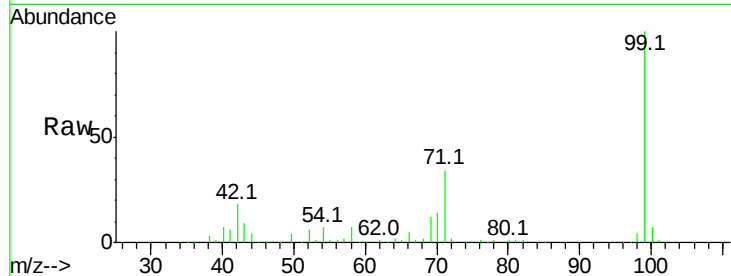
Tot Ion: 99 Resp: 255703

Ion Ratio Lower Upper

99 100

42 17.7 13.7 20.5

71 33.5 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

Tgt Ion: 136 Resp: 474311

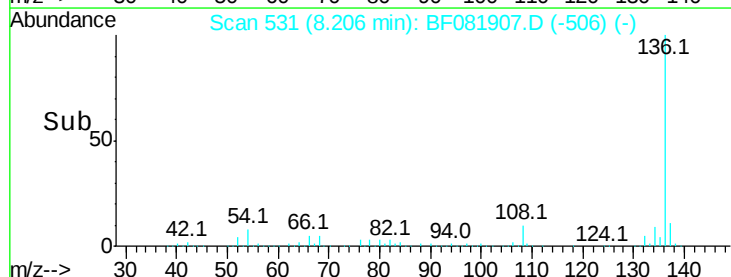
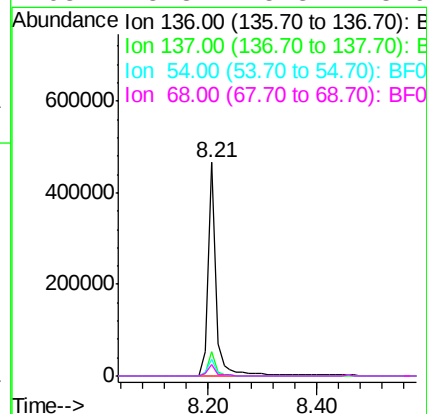
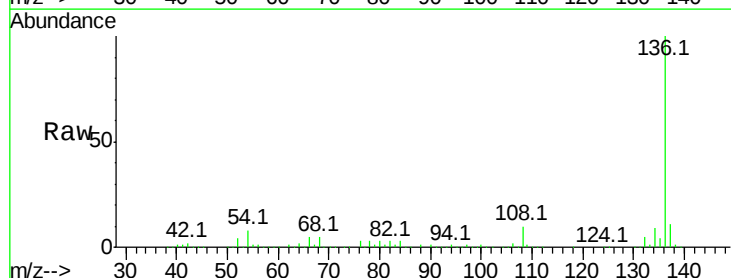
Ion Ratio Lower Upper

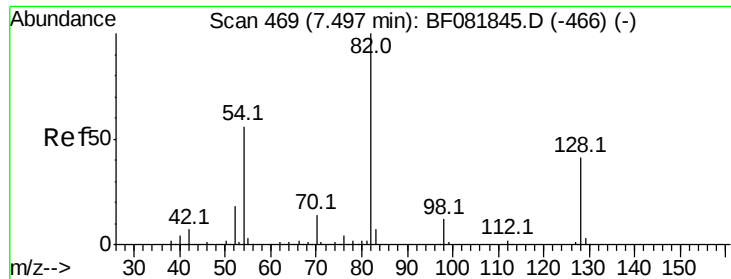
136 100

137 11.3 9.0 13.6

54 7.9 8.2 12.2#

68 5.3 5.8 8.6#

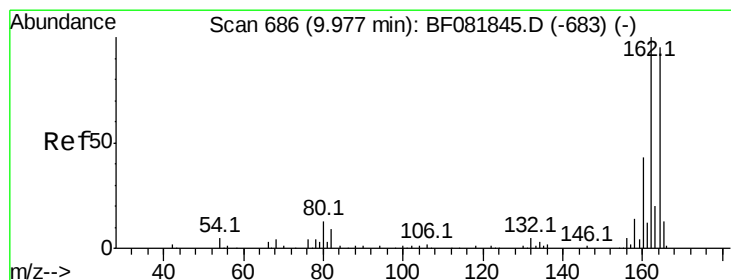
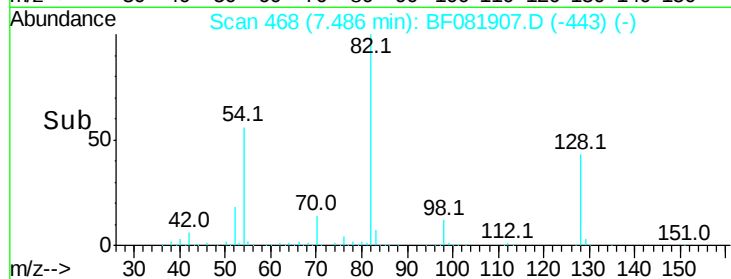
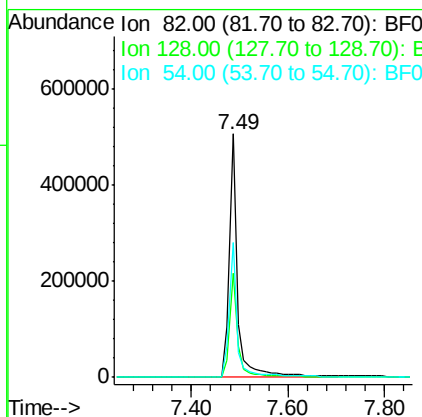
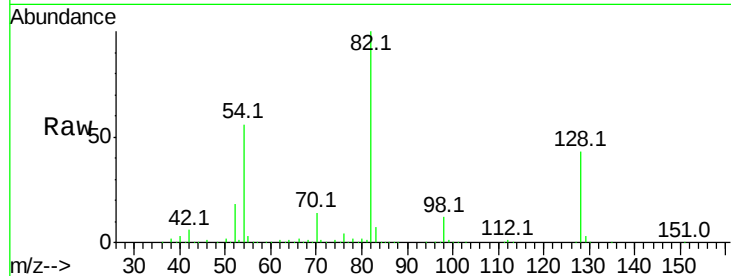




#23
Nitrobenzene-d5
Concen: 86.11 ng
RT: 7.49 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081907.D
Acq: 30 Sep 2015 10:08

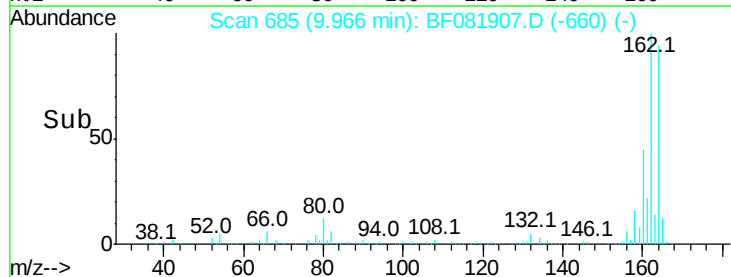
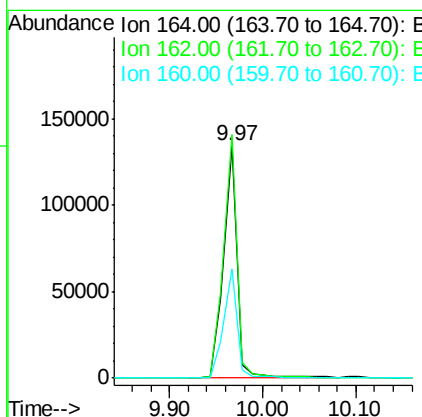
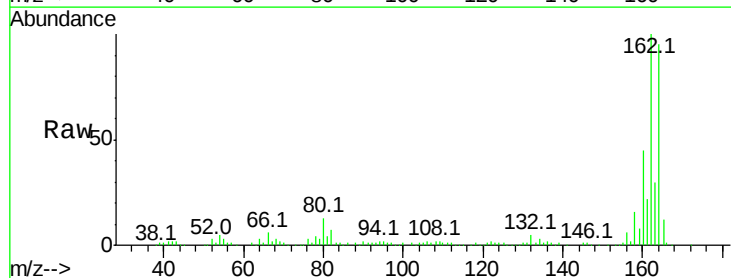
Instrument :
BNA_F
ClientSampleId :
S8-0483

Tot Ion: 82 Resp: 612706
Ion Ratio Lower Upper
82 100
128 42.6 51.0 76.6#
54 55.6 47.5 71.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF081907.D
Acq: 30 Sep 2015 10:08

Tgt Ion: 164 Resp: 136390
Ion Ratio Lower Upper
164 100
162 104.7 75.2 112.8
160 47.0 31.5 47.3

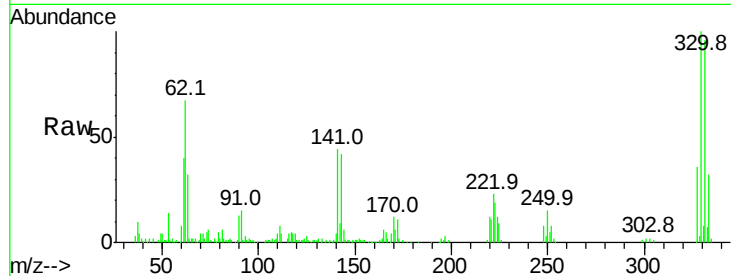




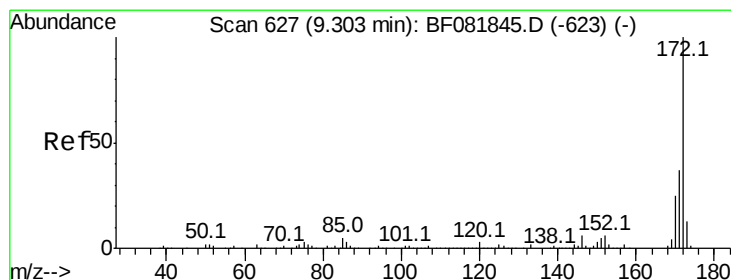
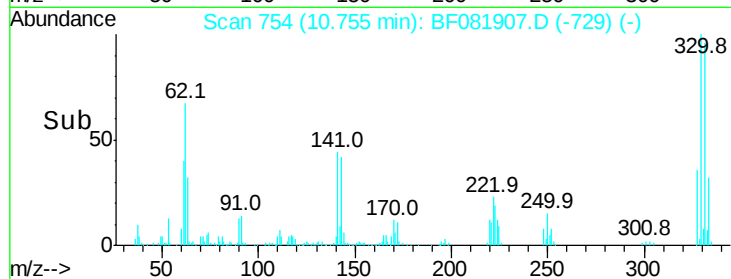
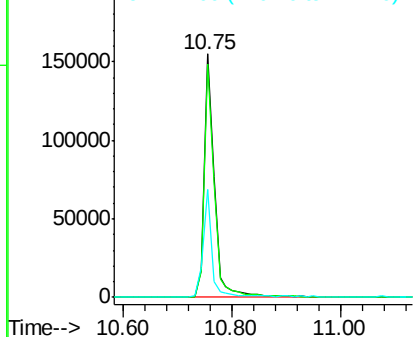
#41
 2,4,6-Tribromophenol
 Concen: 144.52 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081907.D
 Acq: 30 Sep 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 S8-0483

Tot Ion:330 Resp: 199632
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 38.9 29.7 44.5

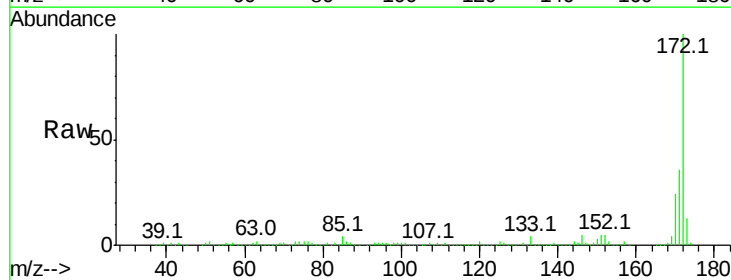


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

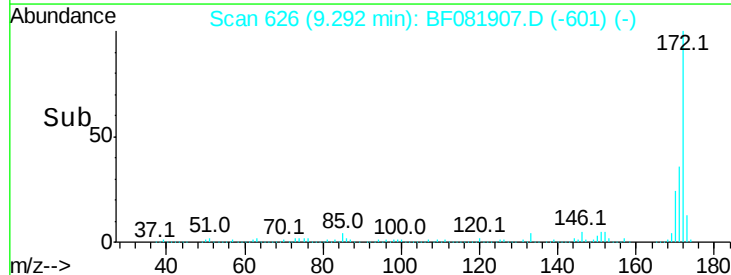
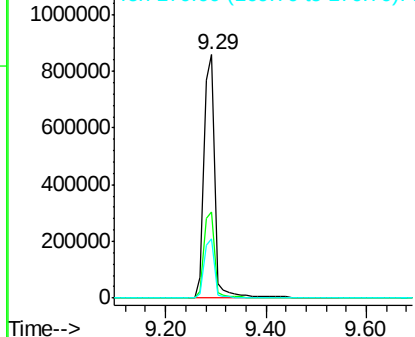


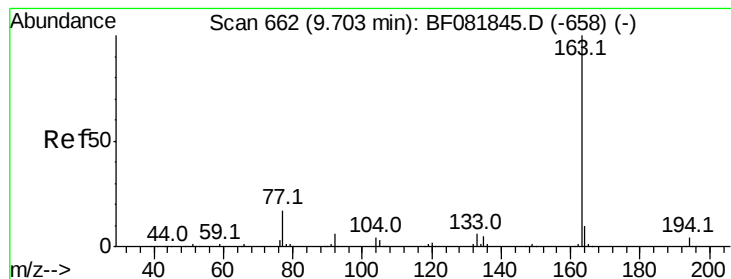
#44
 2-Fluorobiphenyl
 Concen: 248.99 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081907.D
 Acq: 30 Sep 2015 10:08

Tgt Ion:172 Resp: 1303701
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.4 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: 2.21 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

Instrument :

BNA_F

ClientSampleId :

S8-0483

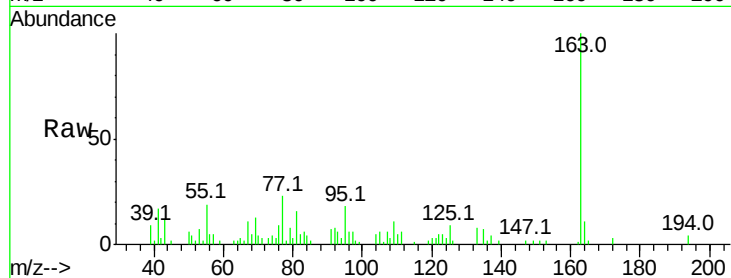
Tot Ion:163 Resp: 20823

Ion Ratio Lower Upper

163 100

194 4.0 4.4 6.6#

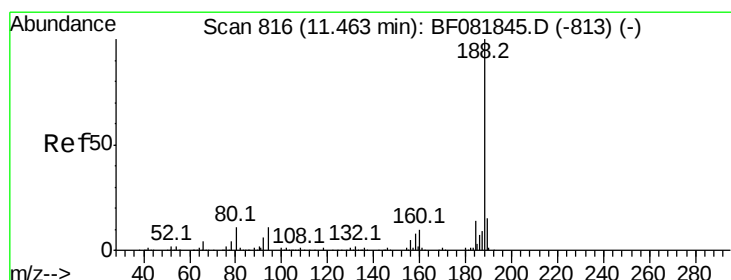
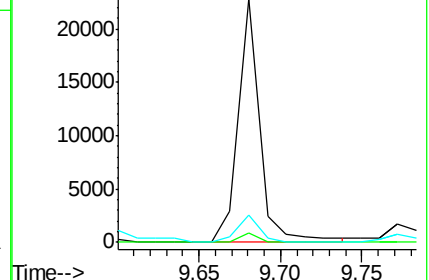
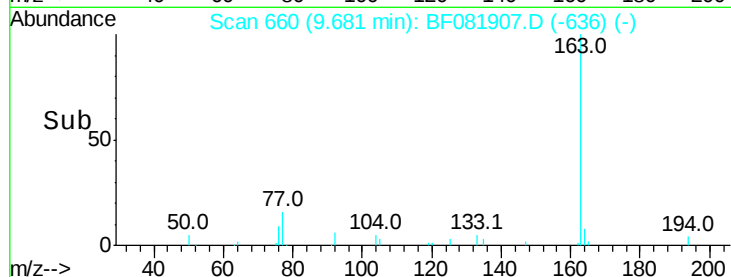
164 11.2 8.3 12.5



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: 11.45 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

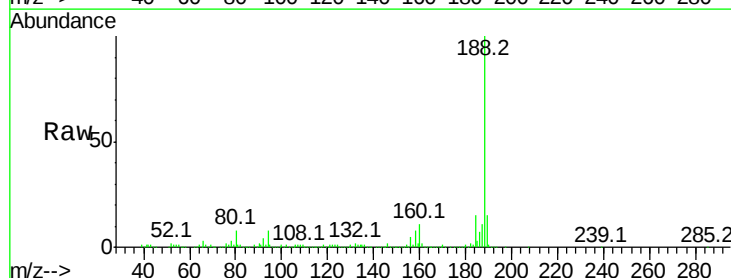
Tgt Ion:188 Resp: 280844

Ion Ratio Lower Upper

188 100

94 7.6 11.1 16.7#

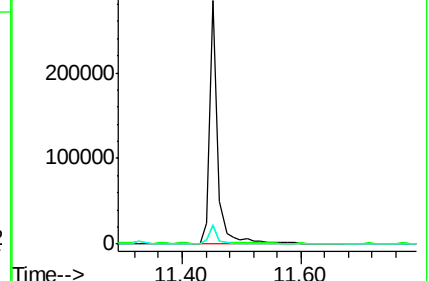
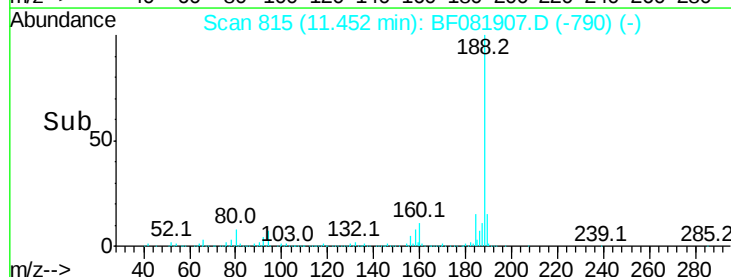
80 8.2 11.0 16.4#

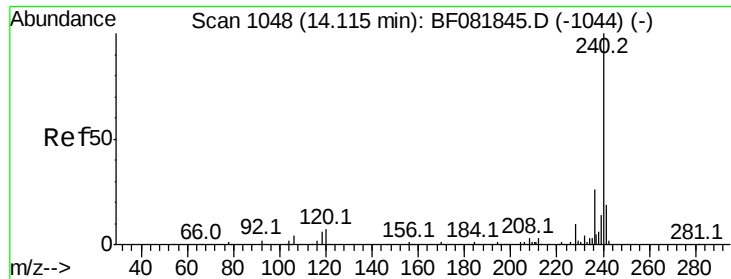


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.09 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

Instrument :

BNA_F

ClientSampled :

S8-0483

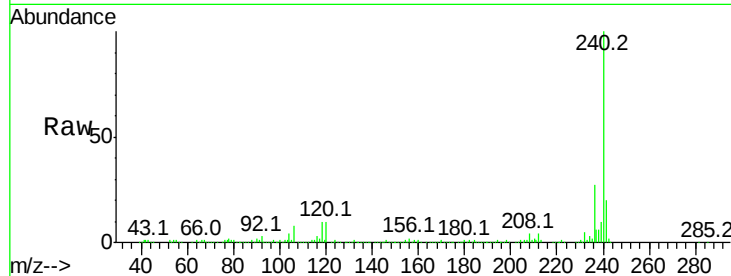
Tot Ion:240 Resp: 260181

Ion Ratio Lower Upper

240 100

120 10.4 16.2 24.2#

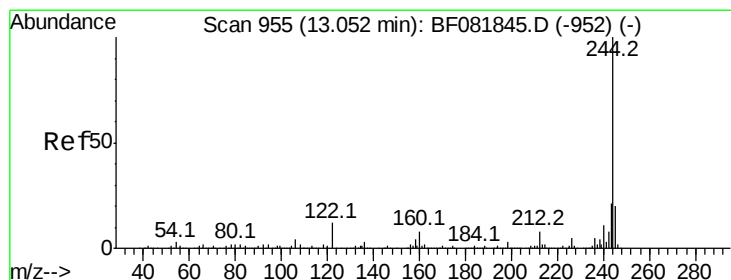
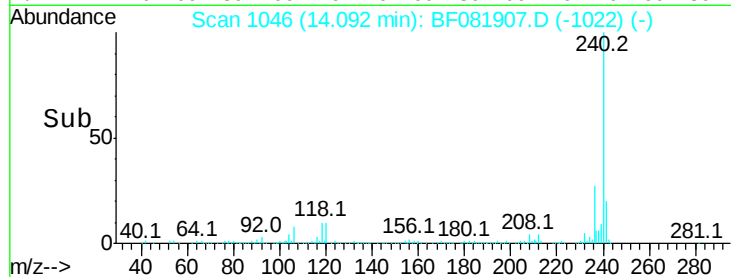
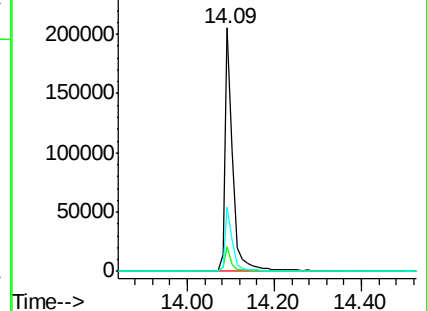
236 26.6 18.4 27.6



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: 126.15 ng

RT: 13.04 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

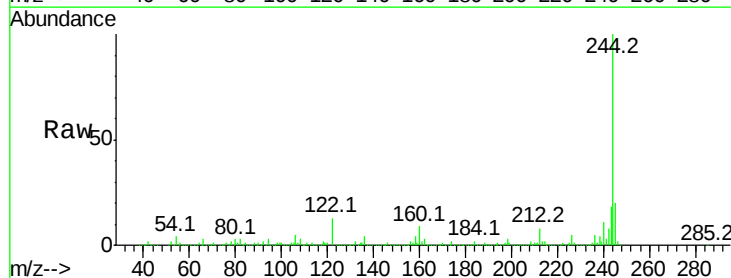
Tgt Ion:244 Resp: 884523

Ion Ratio Lower Upper

244 100

212 8.3 4.3 6.5#

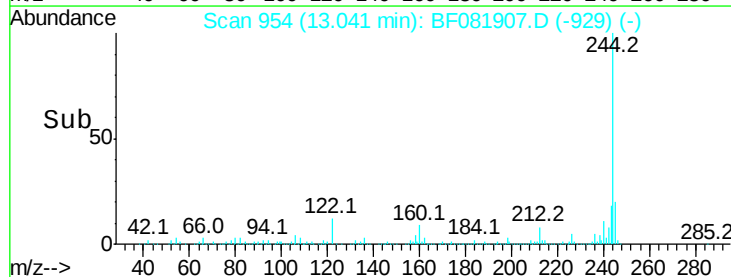
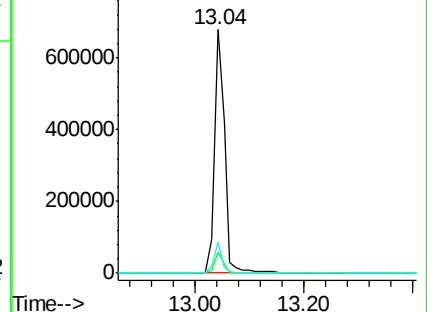
122 12.5 17.4 26.2#

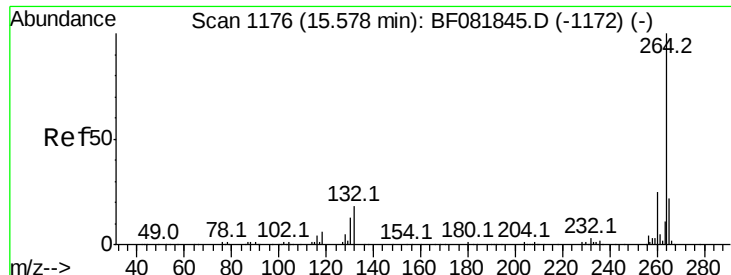


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

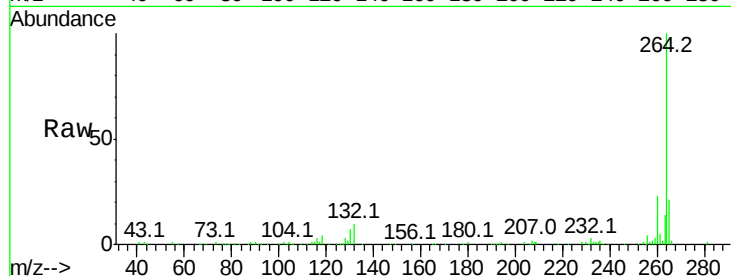




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF081907.D
 Acq: 30 Sep 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 S8-0483

Tot Ion:	264	Resp:	218808
Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	20.6	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

