

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082837.D
 Acq On : 9 Nov 2015 18:56
 Operator : UM/IZ
 Sample : G4306-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-1

Quant Time: Nov 10 03:37:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

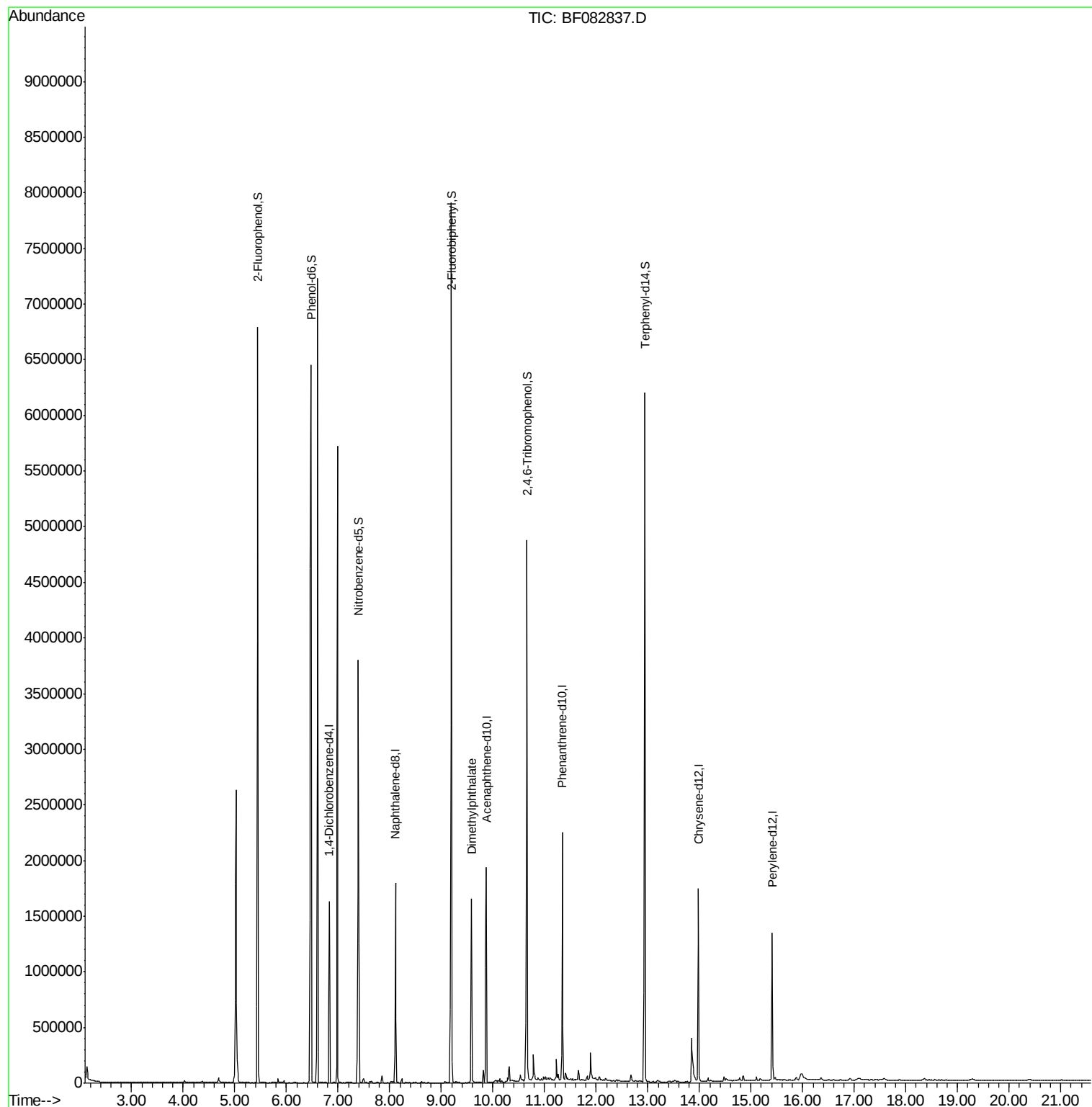
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	246761	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	849381	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	454307	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	787670	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	795499	20.00	ng	-0.03
86) Perylene-d12	15.41	264	692251	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2066892	130.33	ng	0.00
7) Phenol-d6	6.48	99	2947462	139.80	ng	0.00
23) Nitrobenzene-d5	7.39	82	1695900	86.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	666729	127.99	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2548185	80.39	ng	-0.02
78) Terphenyl-d14	12.95	244	2697166	80.42	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	603576	16.22	ng	99

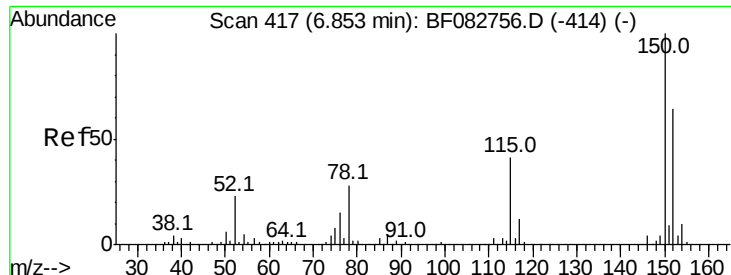
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082837.D

Acq: 9 Nov 2015 18:56

Instrument :

BNA_F

ClientSampleId :

E2-1

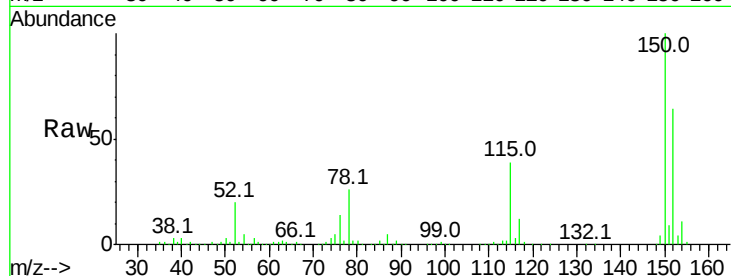
Tot Ion:152 Resp: 246761

Ion Ratio Lower Upper

152 100

150 155.1 127.0 190.4

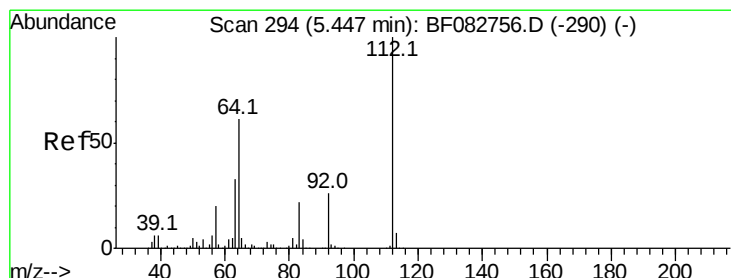
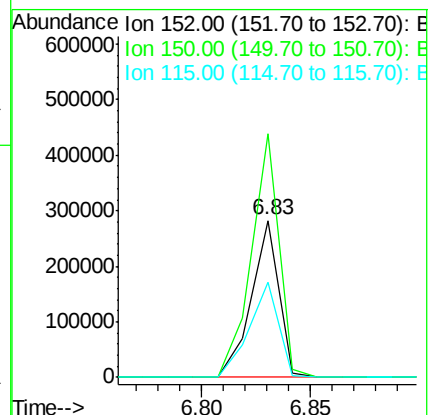
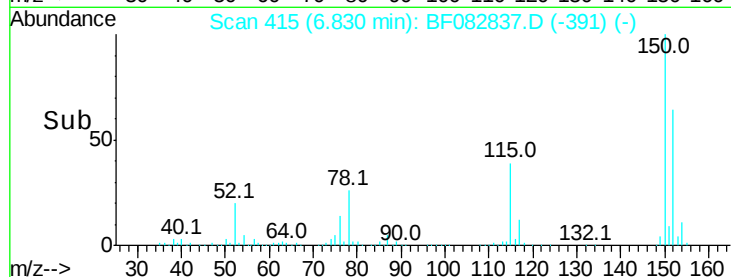
115 60.6 47.0 70.6



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: 130.33 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082837.D

Acq: 9 Nov 2015 18:56

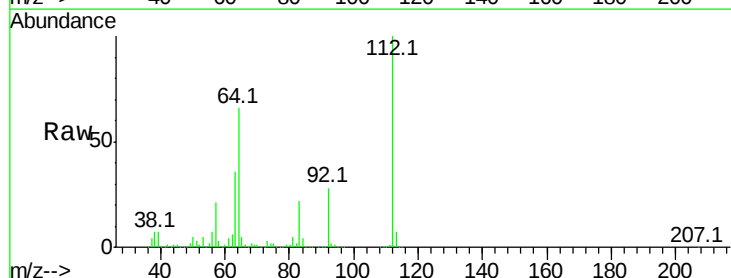
Tgt Ion:112 Resp: 2066892

Ion Ratio Lower Upper

112 100

64 65.7 48.9 73.3

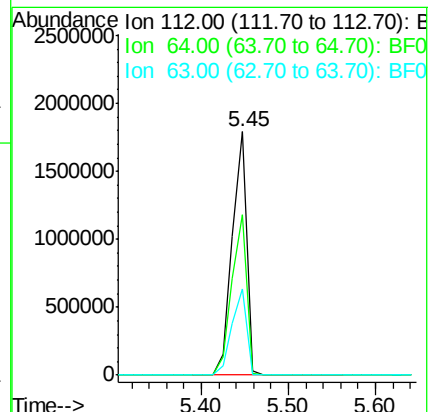
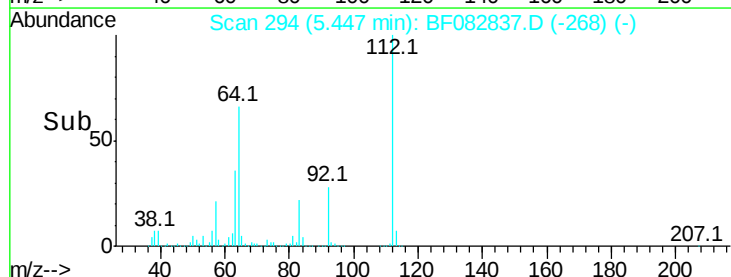
63 35.5 28.1 42.1

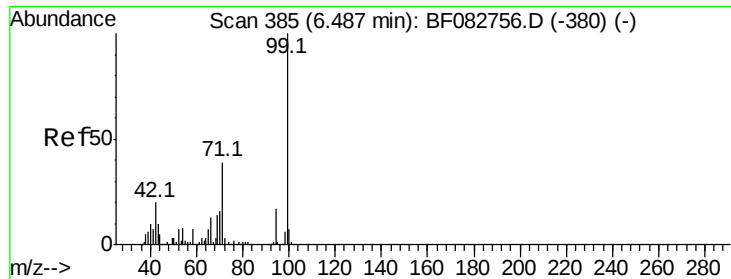


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.80 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082837.D

Acq: 9 Nov 2015 18:56

Instrument :

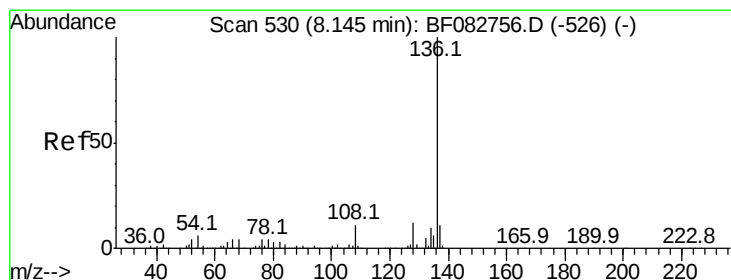
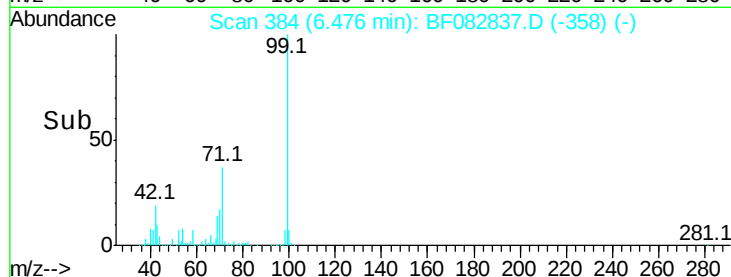
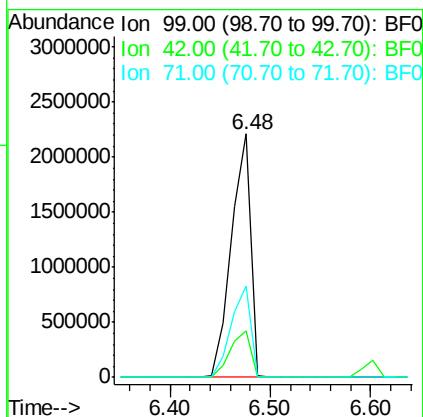
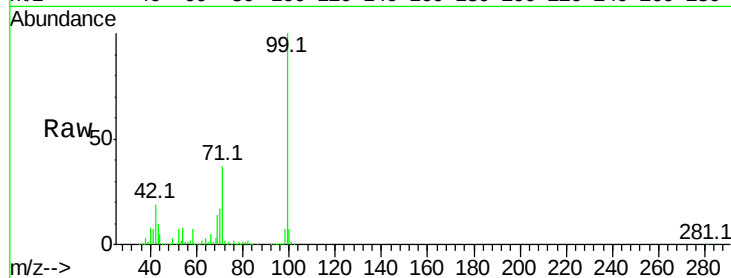
BNA_F

ClientSampled :

E2-1

Tot Ion: 99 Resp: 2947462

Ion	Ratio	Lower	Upper
99	100		
42	19.0	19.2	28.8#
71	37.3	35.0	52.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

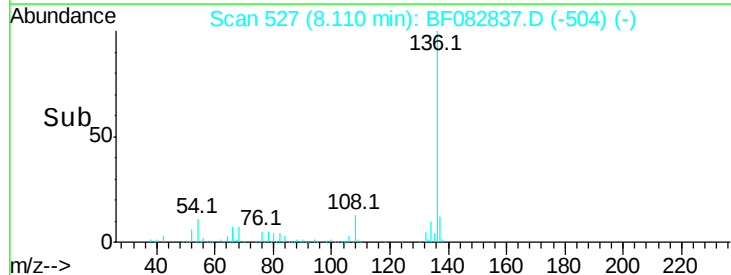
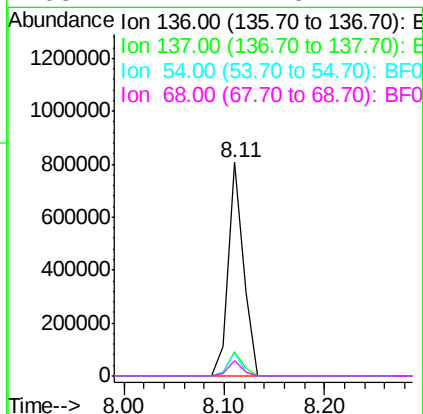
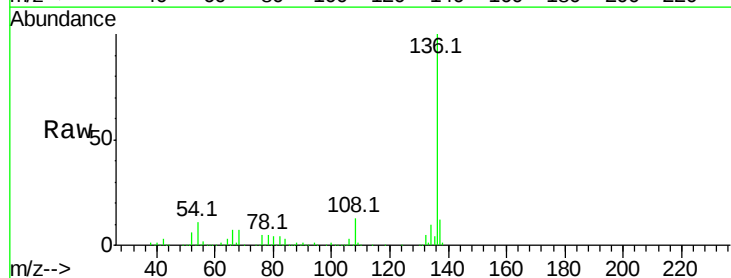
Delta R.T. -0.03 min

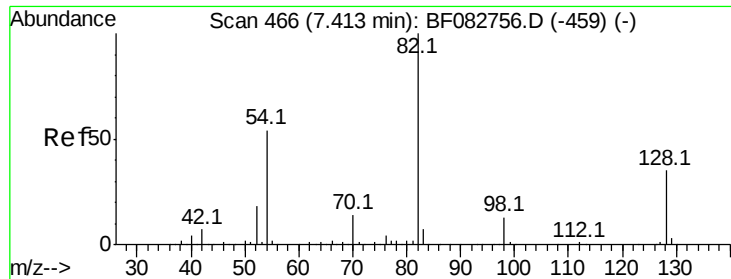
Lab File: BF082837.D

Acq: 9 Nov 2015 18:56

Tgt Ion: 136 Resp: 849381

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.8	9.1	13.7
68	7.1	4.8	7.2

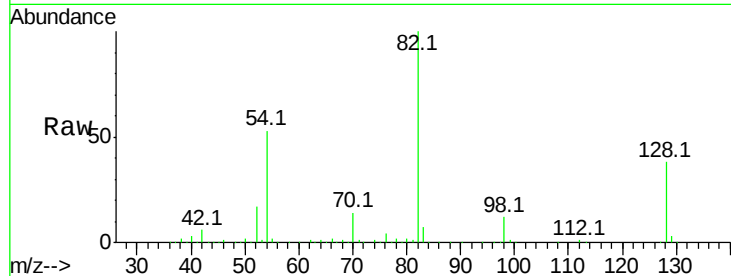




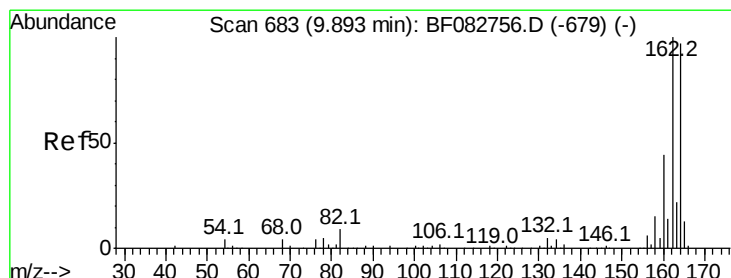
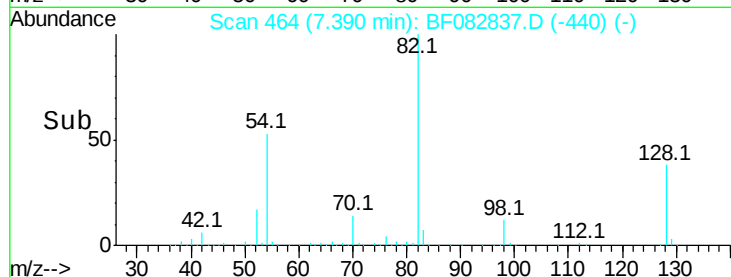
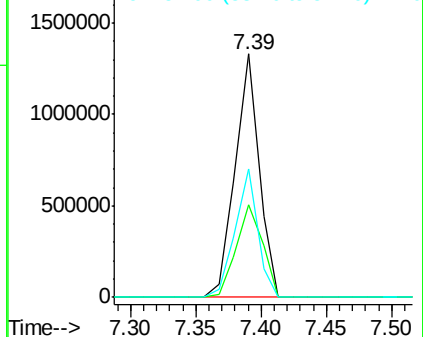
#23
Nitrobenzene-d5
Concen: 86.88 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF082837.D
Acq: 9 Nov 2015 18:56

Instrument :
BNA_F
ClientSampled :
E2-1

Tot Ion: 82 Resp: 1695900
Ion Ratio Lower Upper
82 100
128 37.9 26.8 40.2
54 52.6 45.7 68.5

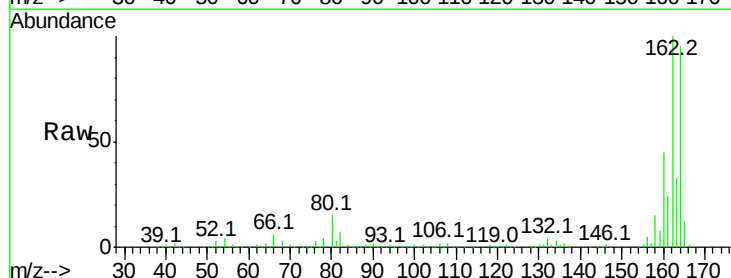


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

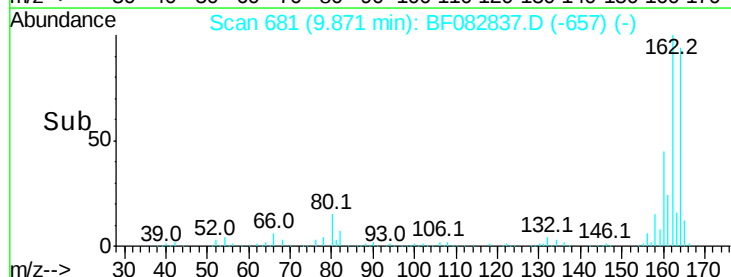
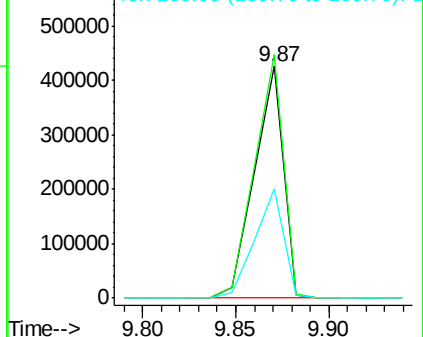


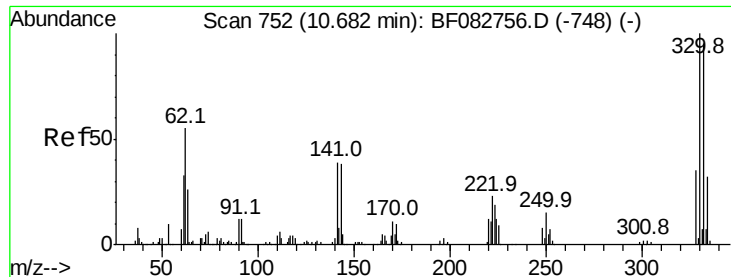
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF082837.D
Acq: 9 Nov 2015 18:56

Tgt Ion:164 Resp: 454307
Ion Ratio Lower Upper
164 100
162 105.0 84.9 127.3
160 46.9 37.5 56.3



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

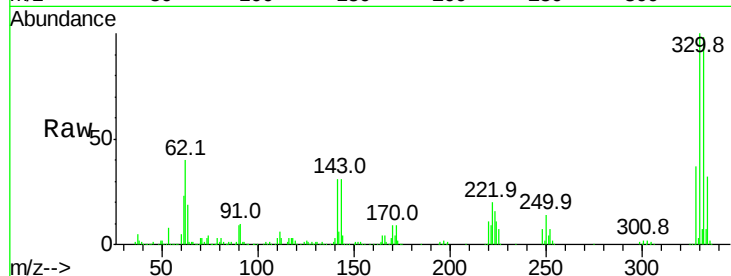




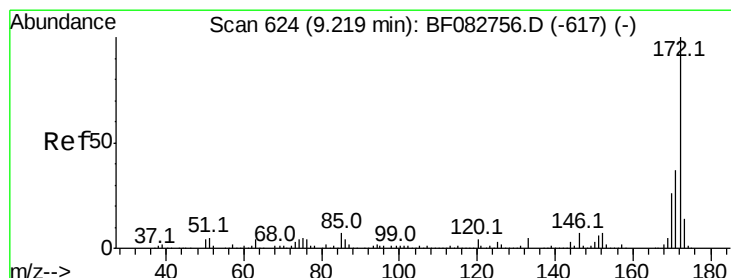
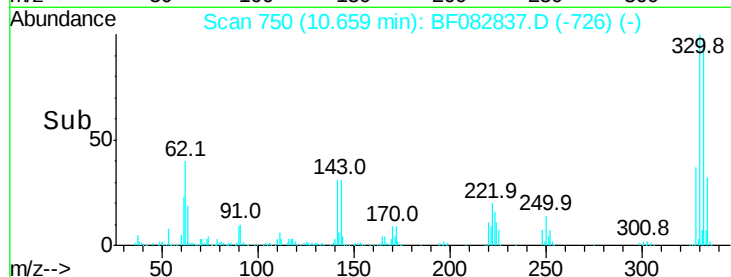
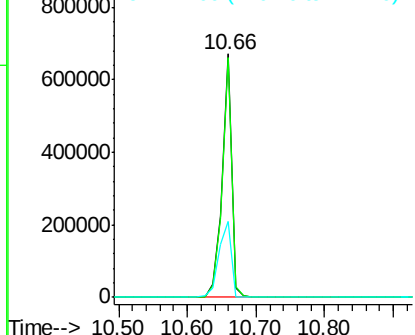
#41
 2,4,6-Tribromophenol
 Concen: 127.99 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082837.D
 Acq: 9 Nov 2015 18:56

Instrument :
 BNA_F
 ClientSampled :
 E2-1

Tot Ion:330 Resp: 666729
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 40.2 41.2 61.8#

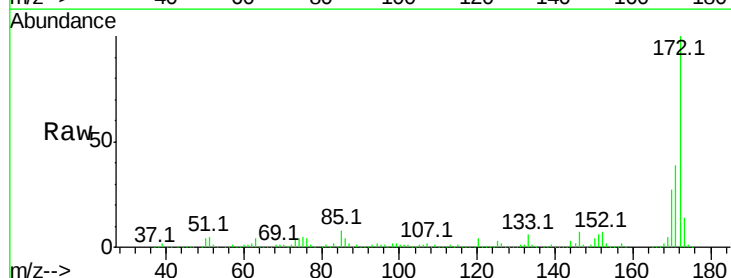


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

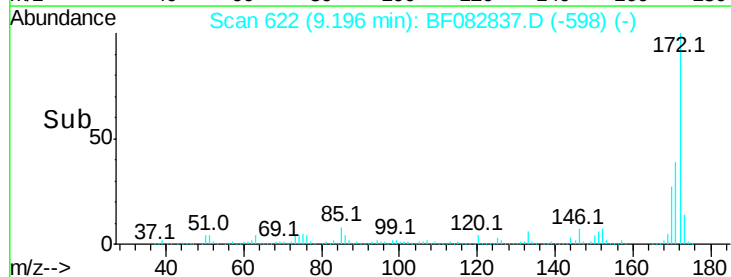
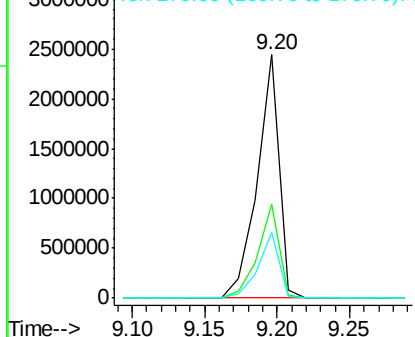


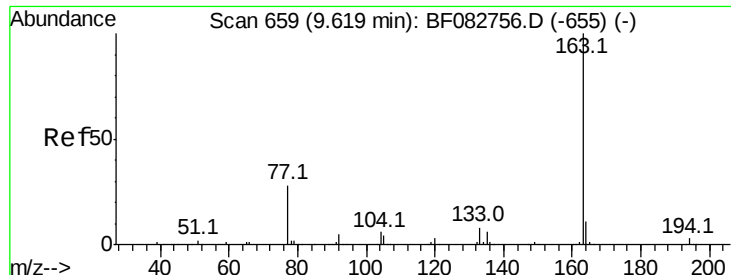
#44
 2-Fluorobiphenyl
 Concen: 80.39 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082837.D
 Acq: 9 Nov 2015 18:56

Tgt Ion:172 Resp: 2548185
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.8 46.2
 170 27.1 21.2 31.8



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

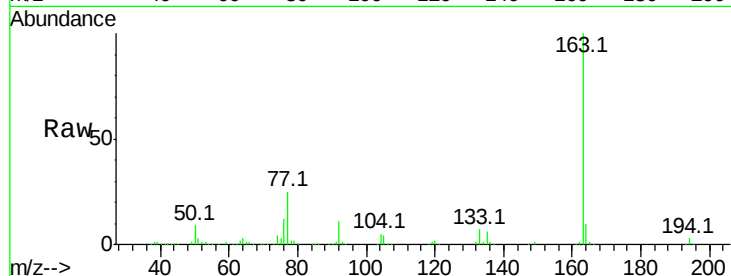




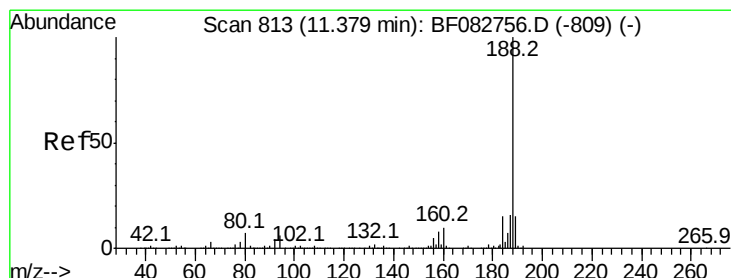
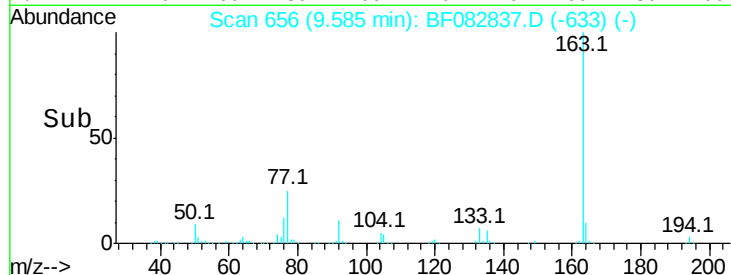
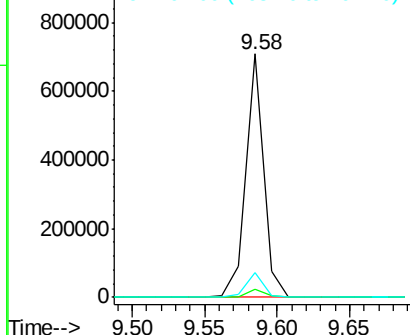
#49
Dimethylphthalate
Concen: 16.22 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF082837.D
Acq: 9 Nov 2015 18:56

Instrument :
BNA_F
ClientSampleId :
E2-1

Tot Ion:163 Resp: 603576
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.7 13.1

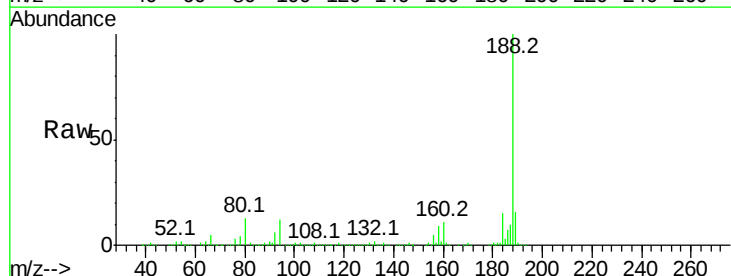


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

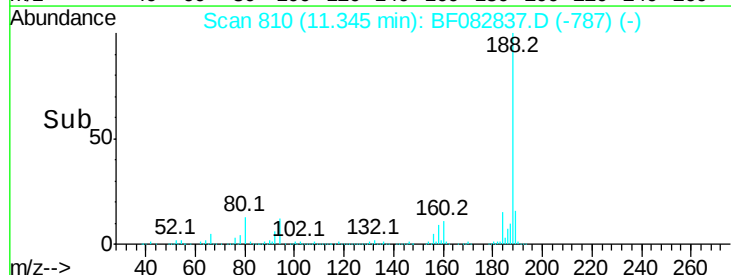
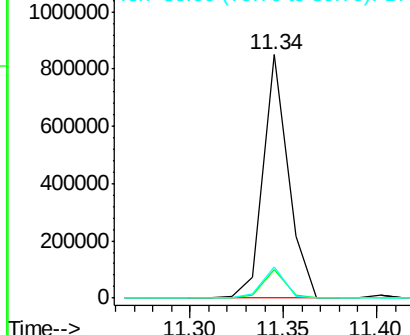


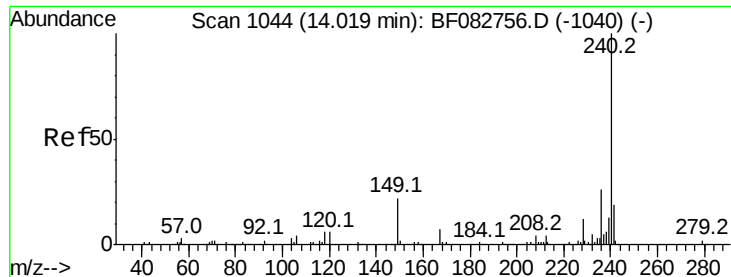
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF082837.D
Acq: 9 Nov 2015 18:56

Tgt Ion:188 Resp: 787670
Ion Ratio Lower Upper
188 100
94 11.5 6.1 9.1#
80 12.9 7.0 10.6#



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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082837.D

Acq: 9 Nov 2015 18:56

Instrument :

BNA_F

ClientSampleId :

E2-1

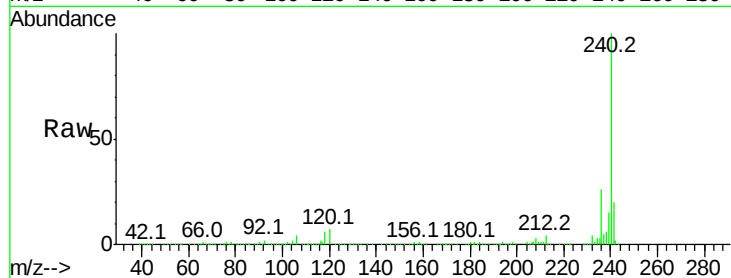
Tot Ion:240 Resp: 795499

Ion Ratio Lower Upper

240 100

120 6.7 10.9 16.3#

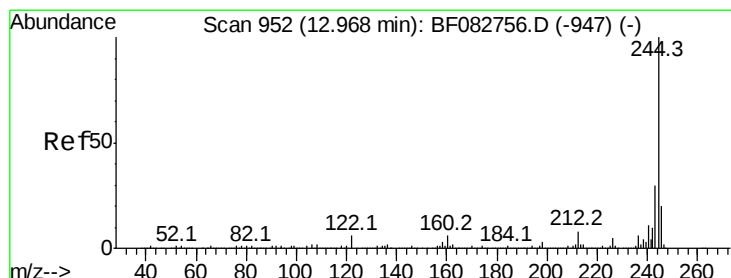
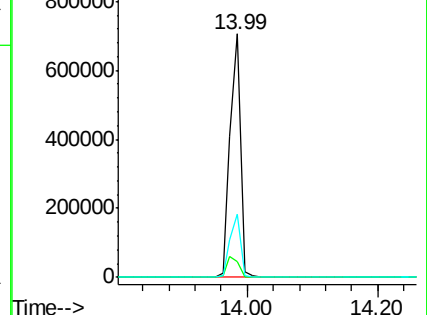
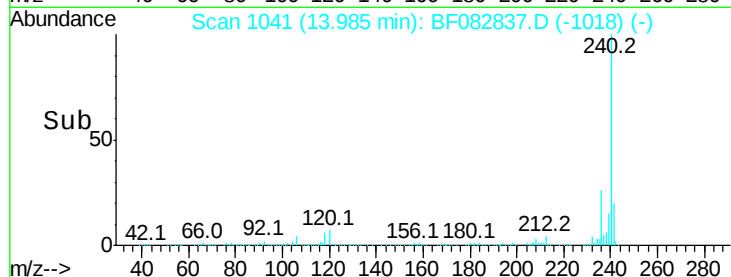
236 26.1 21.6 32.4



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: 80.42 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082837.D

Acq: 9 Nov 2015 18:56

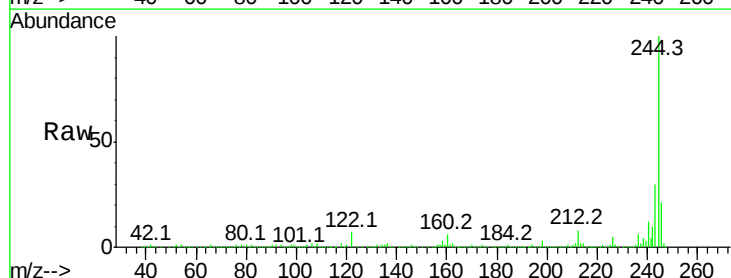
Tgt Ion:244 Resp: 2697166

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

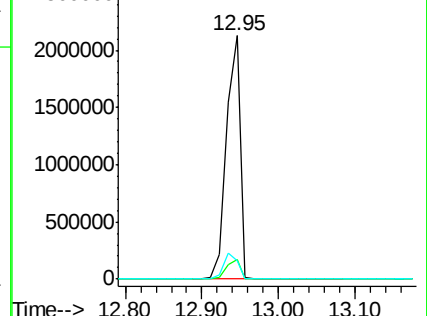
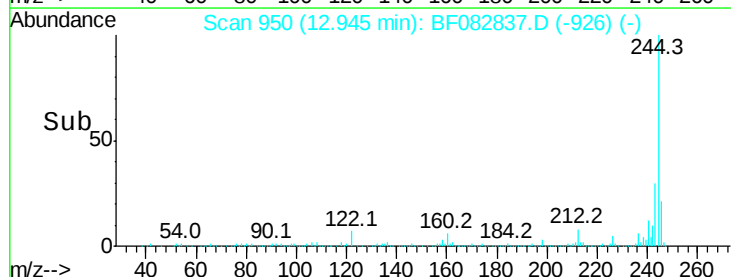
122 7.5 11.3 16.9#

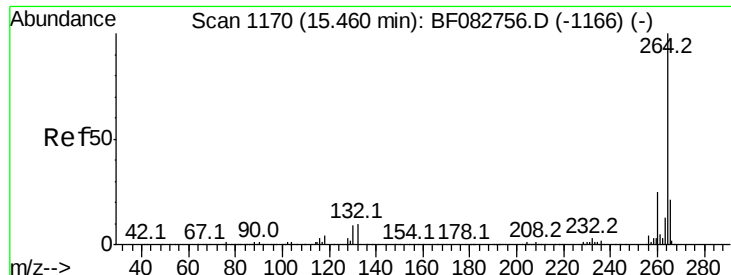


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

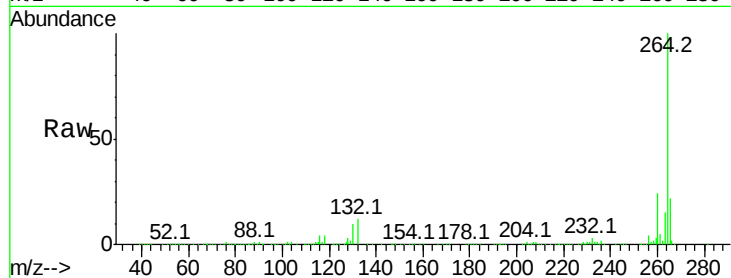




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.05 min
Lab File: BF082837.D
Acq: 9 Nov 2015 18:56

Instrument :
BNA_F
ClientSampleId :
E2-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	21.6	17.4	26.0



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

