

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083938.D
 Acq On : 19 Dec 2015 3:21
 Operator : UM/SJ
 Sample : G4840-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-02

Quant Time: Dec 19 05:45:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

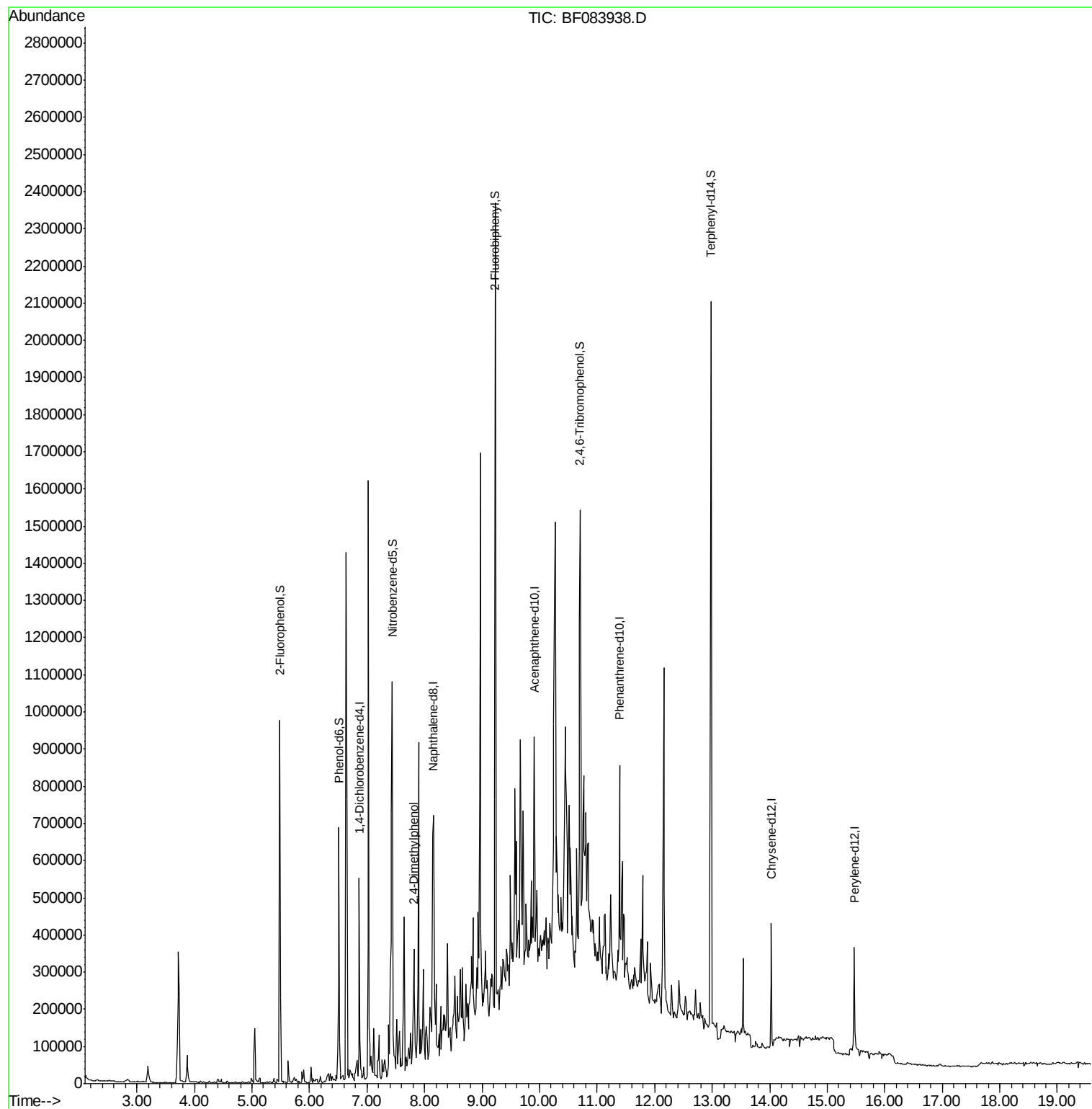
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	69095	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	246487	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	120050	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	198205	20.00	ng	0.00
75) Chrysene-d12	14.03	240	129467	20.00	ng	0.00
86) Perylene-d12	15.47	264	134455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	271797	61.56	ng	0.00
7) Phenol-d6	6.51	99	228261	42.24	ng	0.00
23) Nitrobenzene-d5	7.44	82	397956	92.14	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	198646	150.20	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	661505	76.11	ng	-0.01
78) Terphenyl-d14	12.98	244	639645	117.94	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.81	122	35063	8.80	ng	Qvalue 96

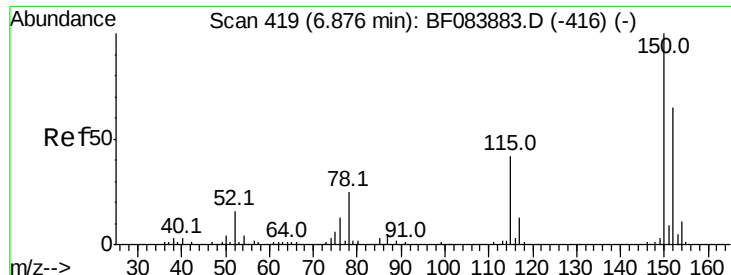
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF083938.D

Acq: 19 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

W-02

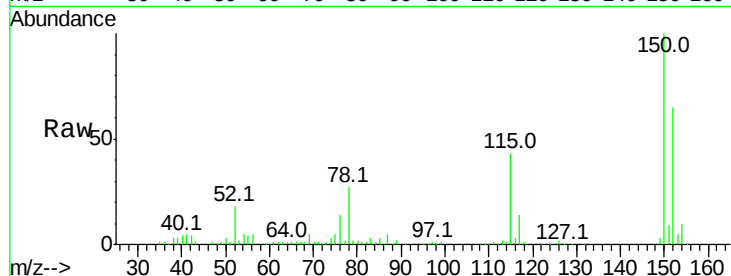
Tot Ion:152 Resp: 69095

Ion Ratio Lower Upper

152 100

150 153.9 123.0 184.4

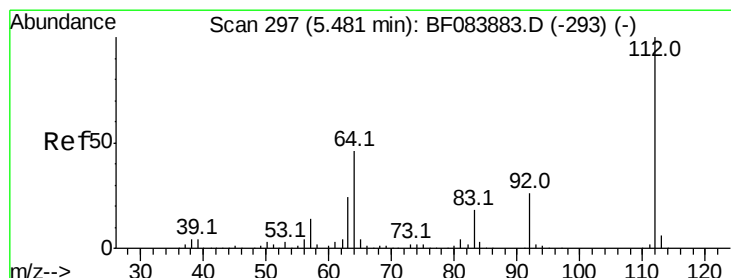
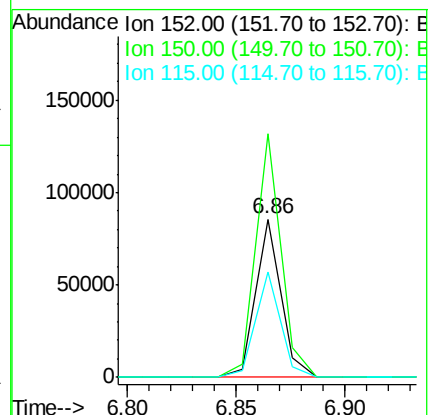
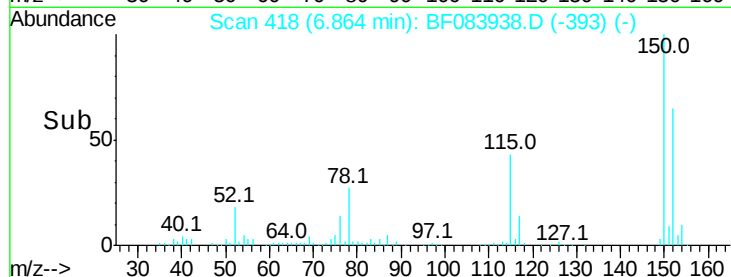
115 66.7 51.4 77.2



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: 61.56 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF083938.D

Acq: 19 Dec 2015 3:21

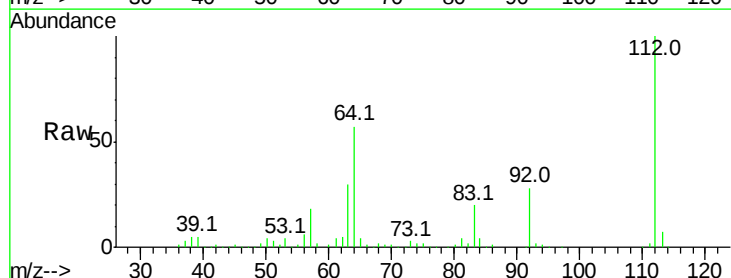
Tgt Ion:112 Resp: 271797

Ion Ratio Lower Upper

112 100

64 57.2 36.6 55.0#

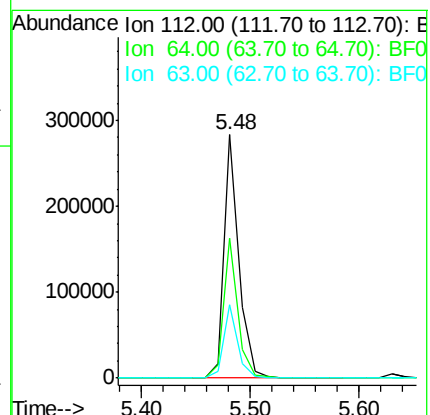
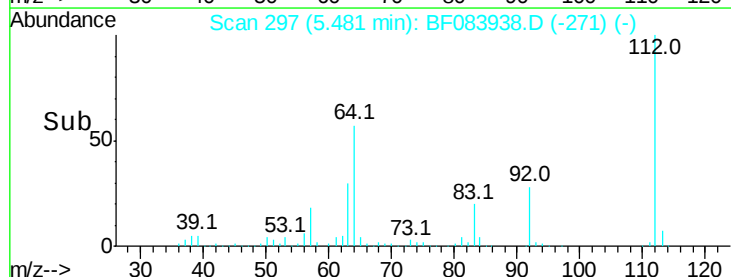
63 30.1 19.4 29.0#

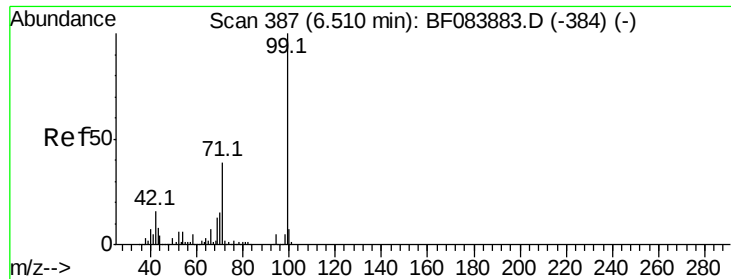


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.24 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083938.D

Acq: 19 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

W-02

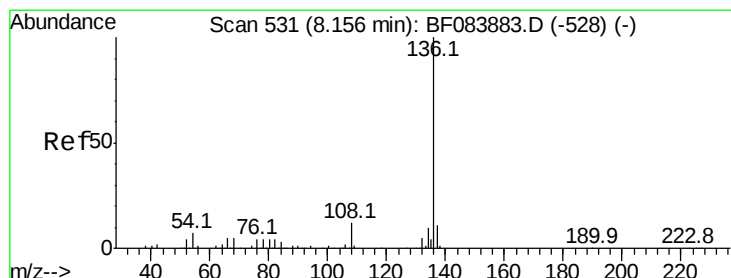
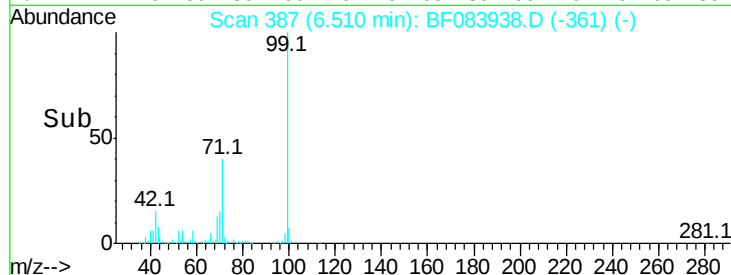
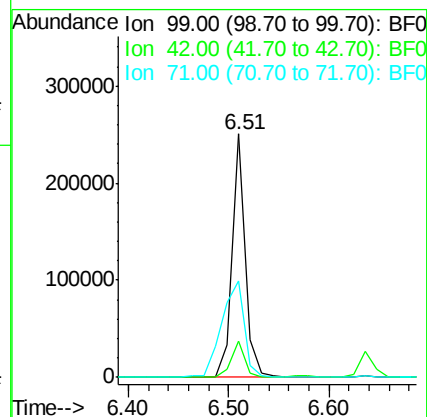
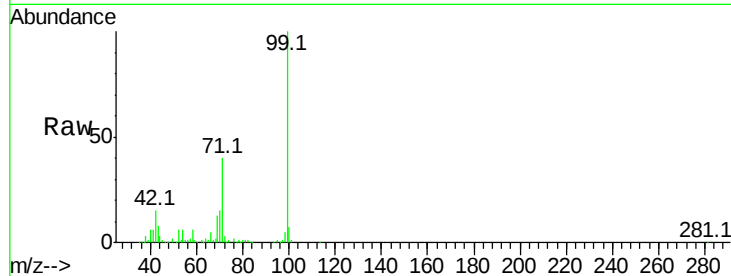
Tot Ion: 99 Resp: 228261

Ion Ratio Lower Upper

99 100

42 15.0 12.8 19.2

71 39.8 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF083938.D

Acq: 19 Dec 2015 3:21

Tgt Ion: 136 Resp: 246487

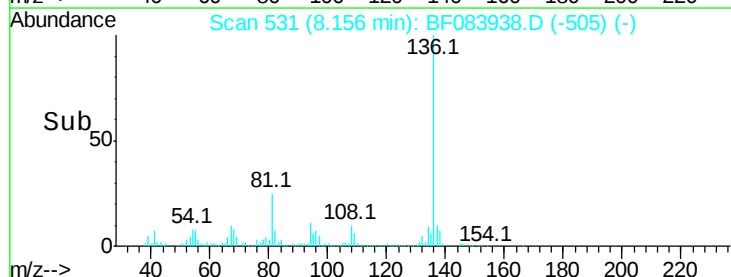
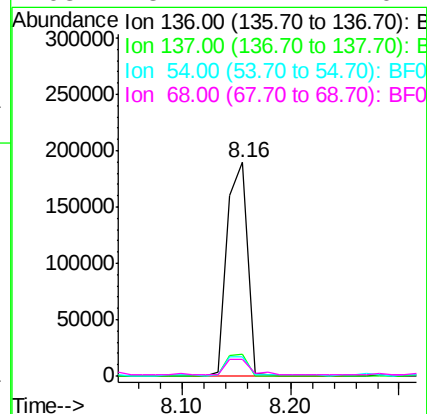
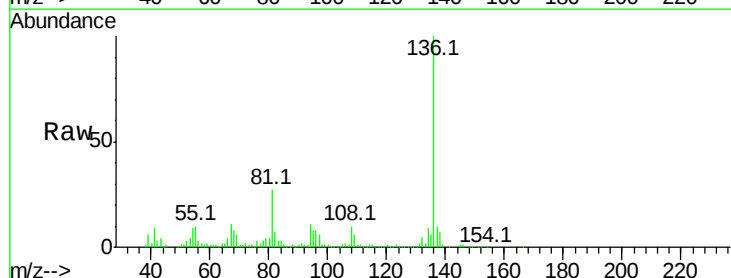
Ion Ratio Lower Upper

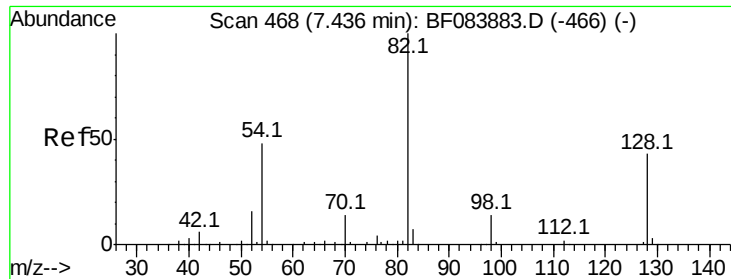
136 100

137 10.5 8.7 13.1

54 8.8 5.8 8.8#

68 8.1 4.2 6.2#

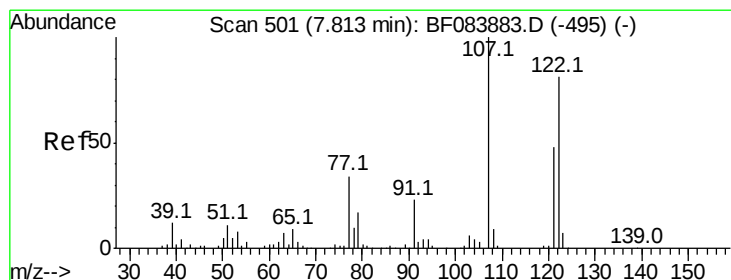
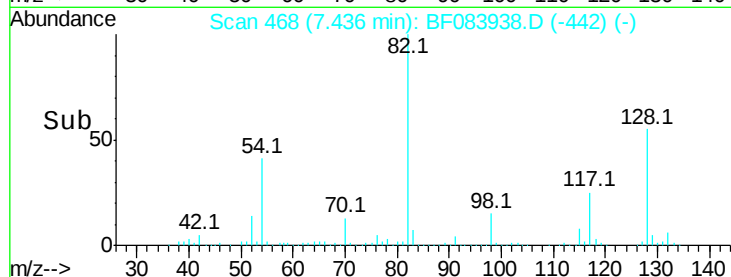
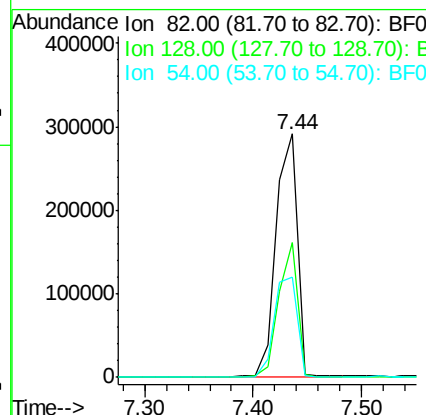
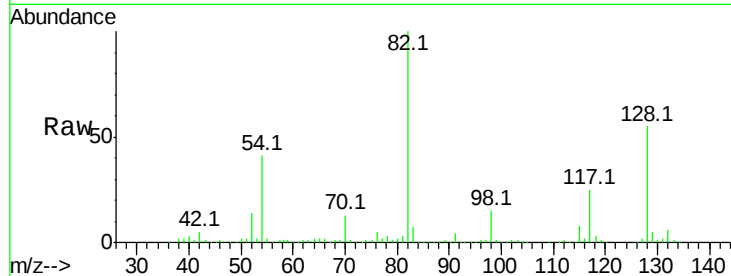




#23
Nitrobenzene-d5
Concen: 92.14 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF083938.D
Acq: 19 Dec 2015 3:21

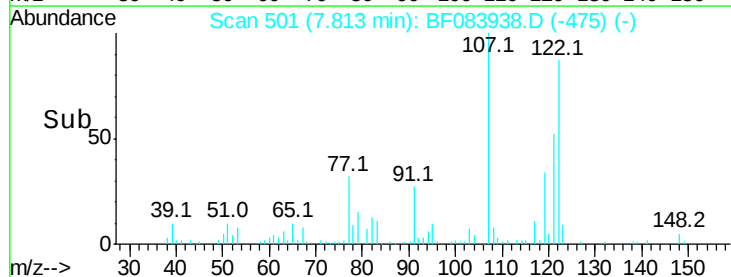
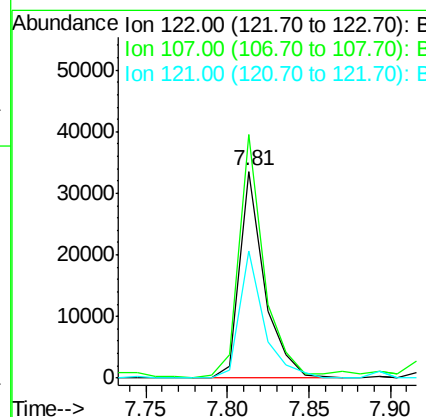
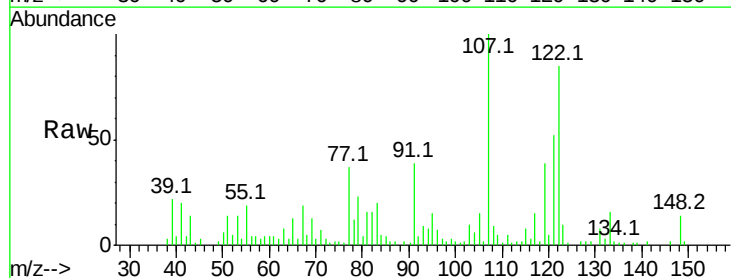
Instrument :
BNA_F
ClientSampleId :
W-02

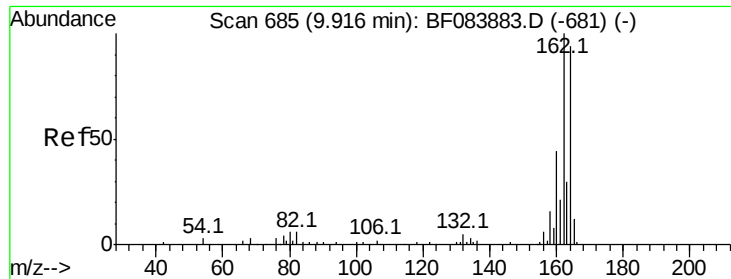
Tot Ion	Ratio	Lower	Upper
82	100		
128	55.3	34.6	51.8#
54	41.1	38.4	57.6



#27
2,4-Dimethylphenol
Concen: 8.80 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF083938.D
Acq: 19 Dec 2015 3:21

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.6	99.1	148.7
121	61.3	47.9	71.9

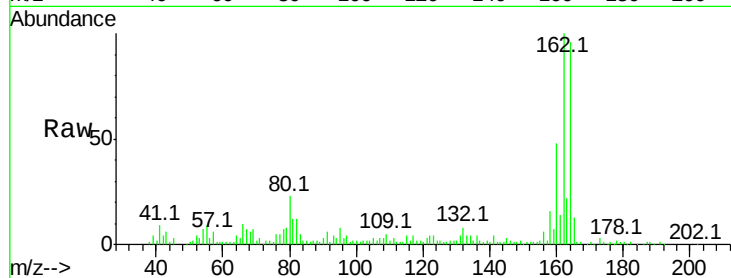




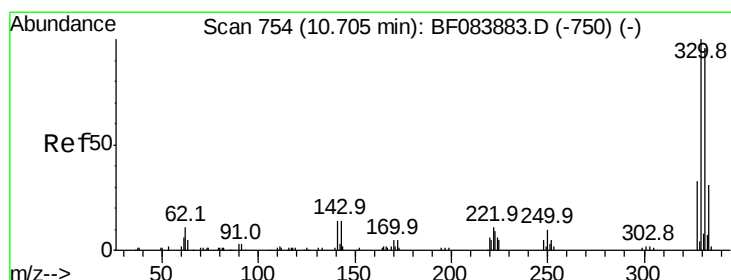
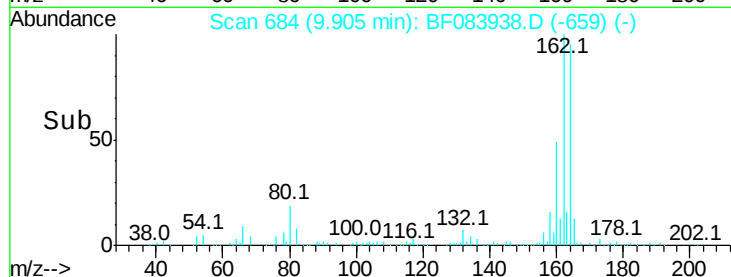
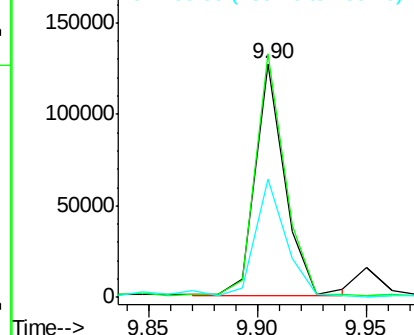
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083938.D
Acq: 19 Dec 2015 3:21

Instrument :
BNA_F
ClientSampleId :
W-02

Tot Ion:164 Resp: 120050
Ion Ratio Lower Upper
164 100
162 104.3 85.1 127.7
160 50.6 37.5 56.3

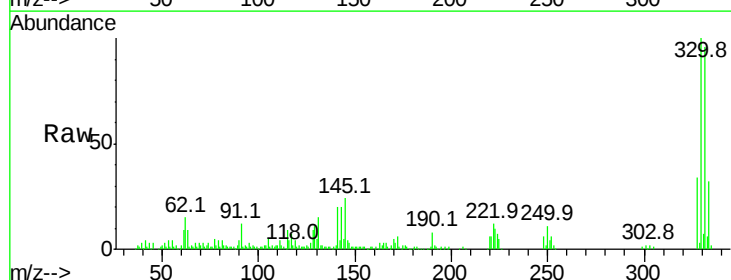


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

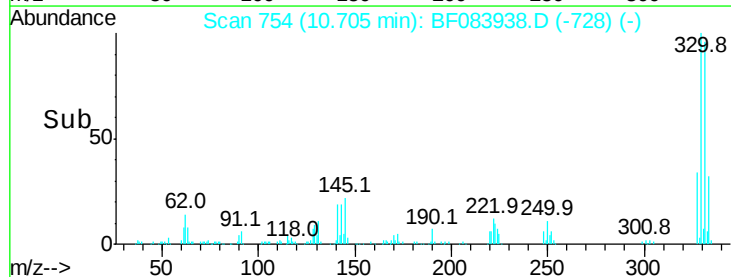
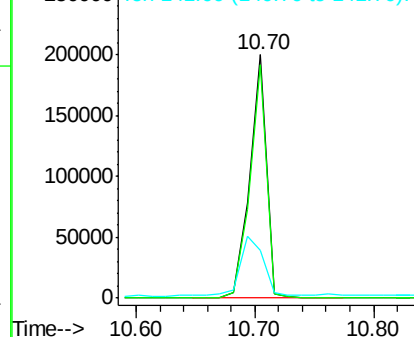


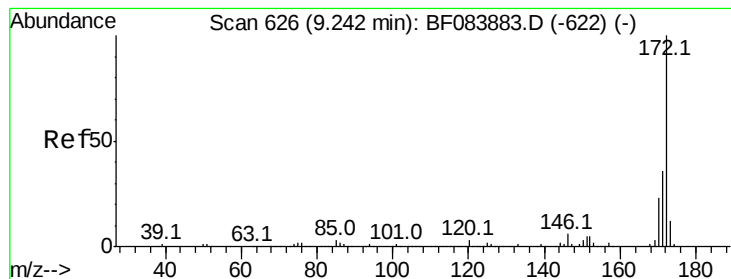
#41
2,4,6-Tribromophenol
Concen: 150.20 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF083938.D
Acq: 19 Dec 2015 3:21

Tgt Ion:330 Resp: 198646
Ion Ratio Lower Upper
330 100
332 95.2 76.6 114.8
141 34.4 27.8 41.6



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

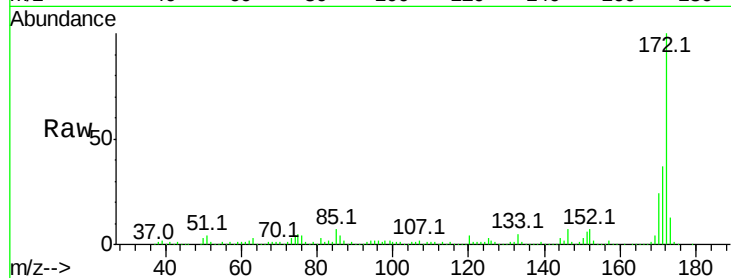




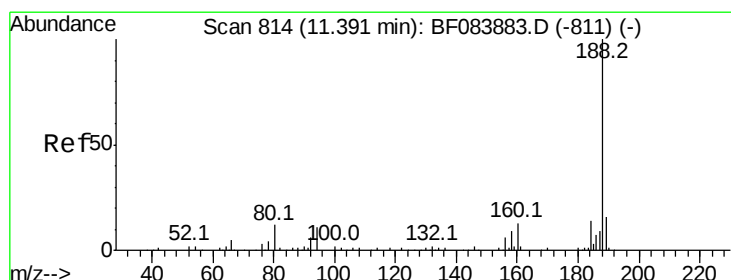
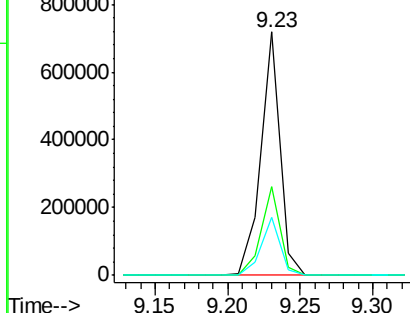
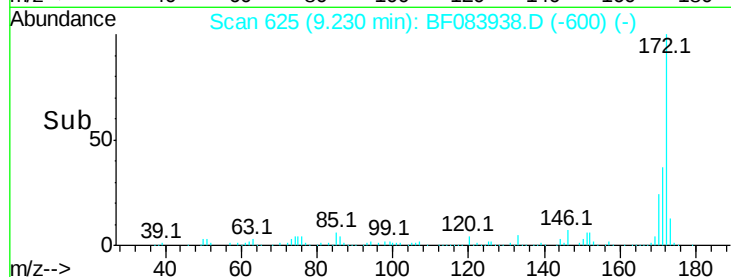
#44
 2-Fluorobiphenyl
 Concen: 76.11 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083938.D
 Acq: 19 Dec 2015 3:21

Instrument :
 BNA_F
 ClientSampleId :
 W-02

Tot Ion:172 Resp: 661505
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 23.8 18.6 27.8

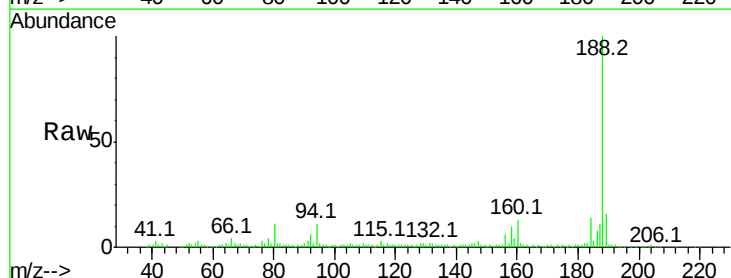


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

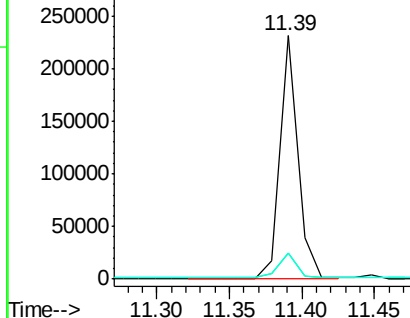
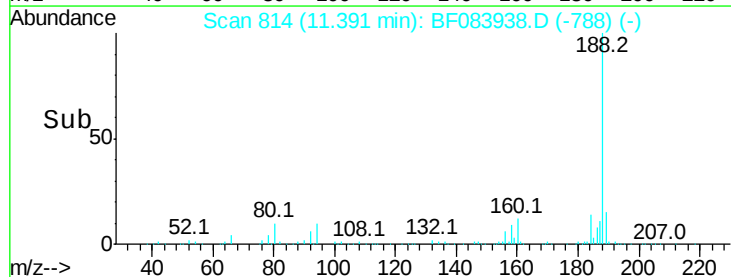


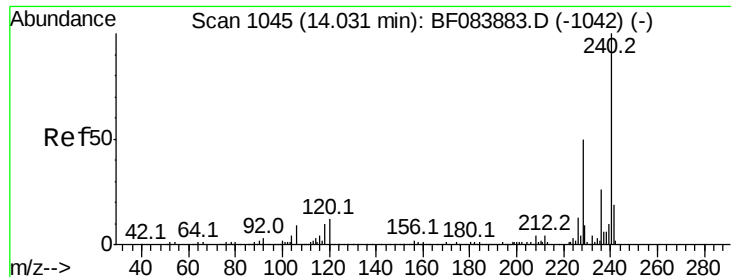
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF083938.D
 Acq: 19 Dec 2015 3:21

Tgt Ion:188 Resp: 198205
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.0 13.4
 80 10.7 9.6 14.4



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: 14.03 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF083938.D

Acq: 19 Dec 2015 3:21

Instrument :

BNA_F

ClientSampleId :

W-02

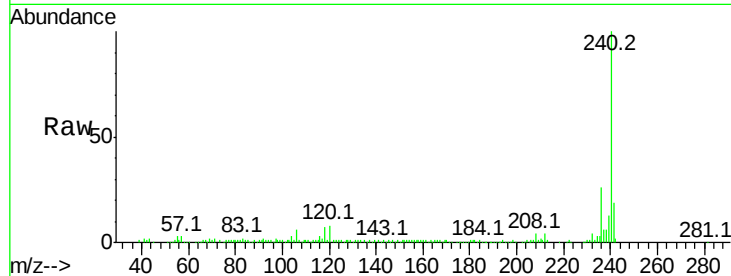
Tot Ion:240 Resp: 129467

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

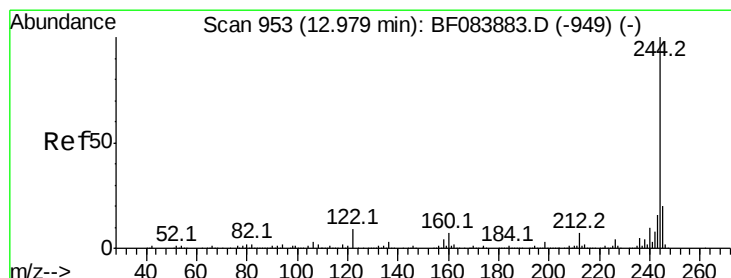
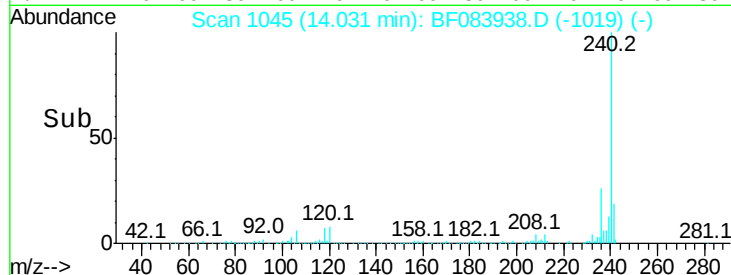
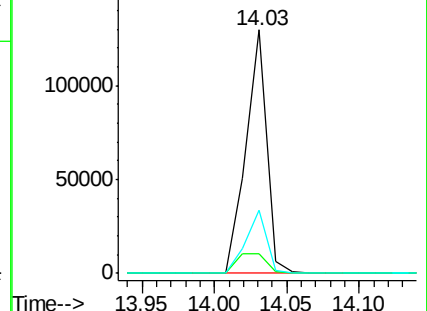
236 25.8 20.6 31.0



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: 117.94 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF083938.D

Acq: 19 Dec 2015 3:21

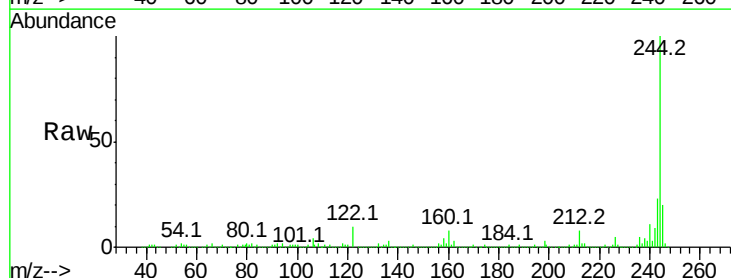
Tgt Ion:244 Resp: 639645

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

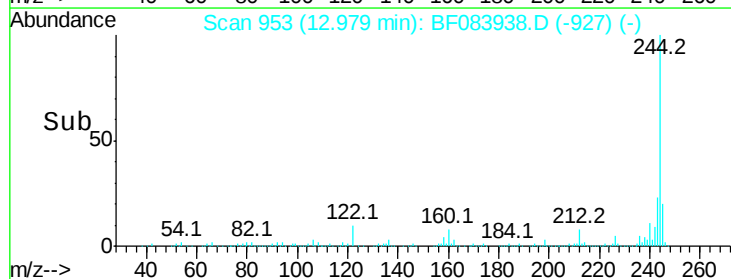
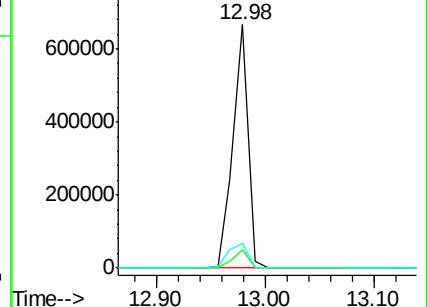
122 10.3 7.4 11.0

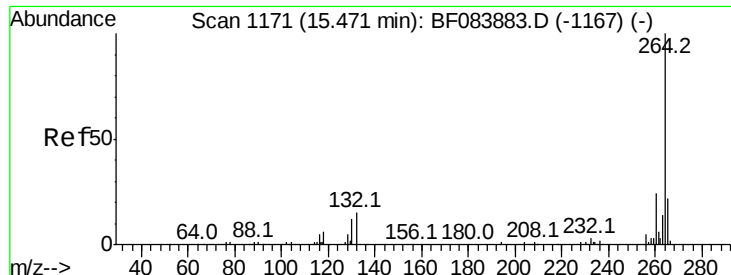


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

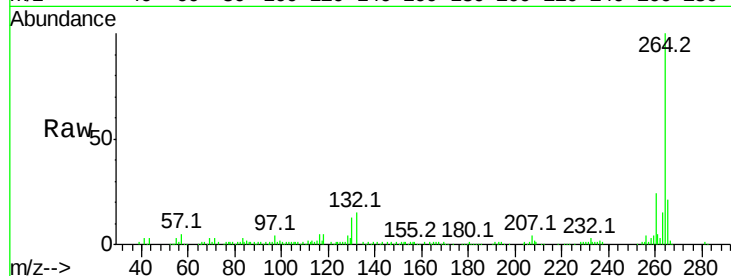




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF083938.D
 Acq: 19 Dec 2015 3:21

Instrument :
 BNA_F
 ClientSampleId :
 W-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.3	17.8	26.6



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

