

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083932.D
 Acq On : 19 Dec 2015 00:07
 Operator : UM/SJ
 Sample : G4800-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Quant Time: Dec 19 05:35:17 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

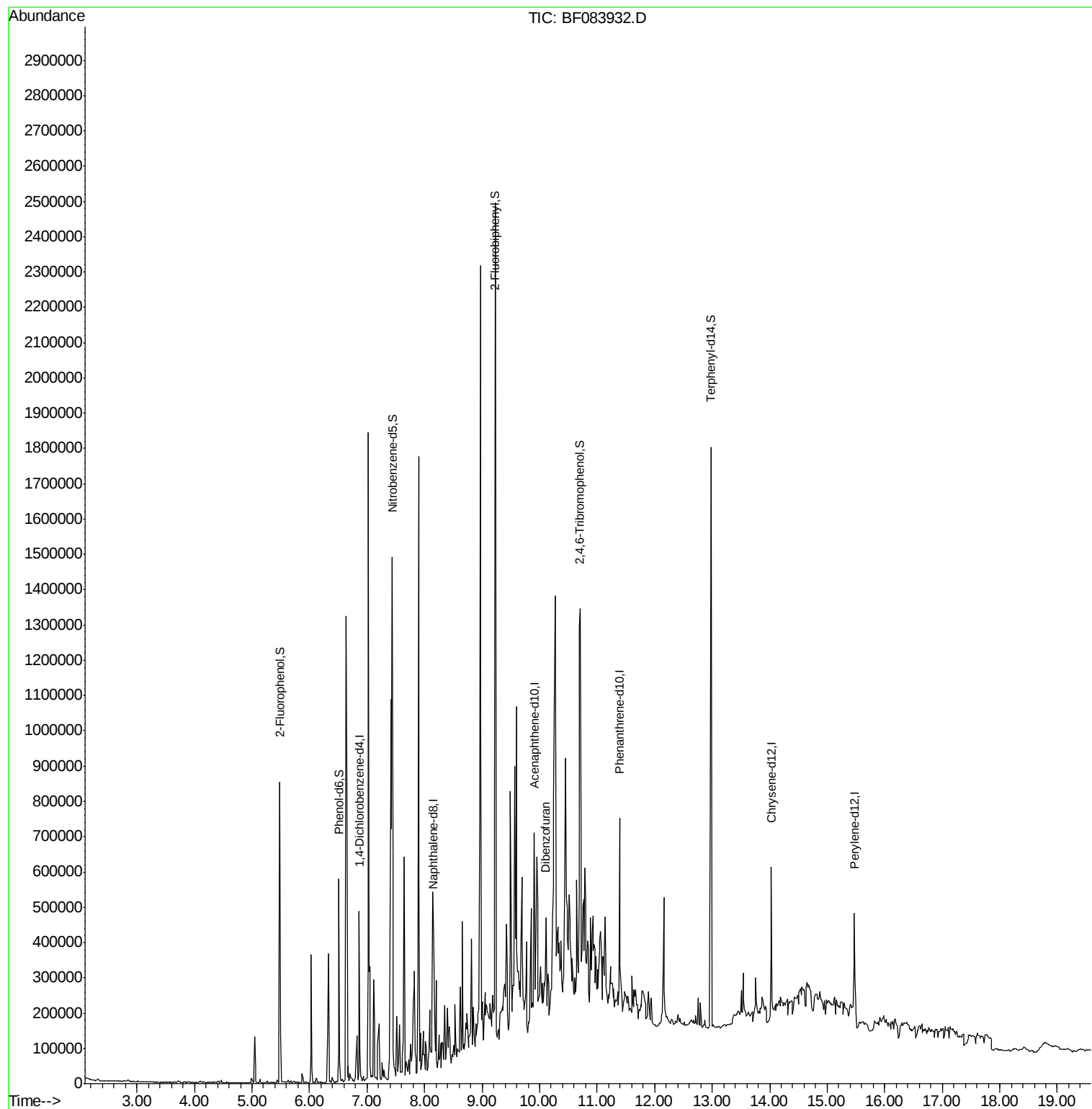
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	67348	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	208589	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	99054	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	185233	20.00	ng	0.00
75) Chrysene-d12	14.03	240	146988	20.00	ng	0.00
86) Perylene-d12	15.47	264	123683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	225333	52.36	ng	0.00
7) Phenol-d6	6.51	99	178966	33.97	ng	0.00
23) Nitrobenzene-d5	7.44	82	451274	123.47	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	179355	164.36	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	741032	110.11	ng	-0.01
78) Terphenyl-d14	12.98	244	517922	82.17	ng	0.00
Target Compounds						
54) Dibenzofuran	10.11	168	36927	4.00	ng	Qvalue # 82

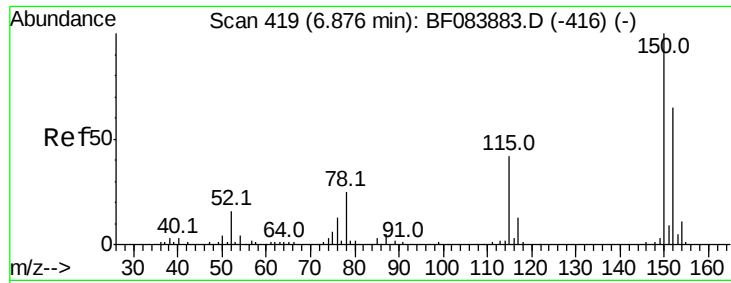
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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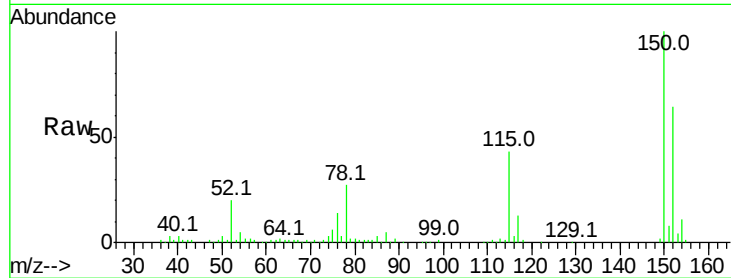


#1

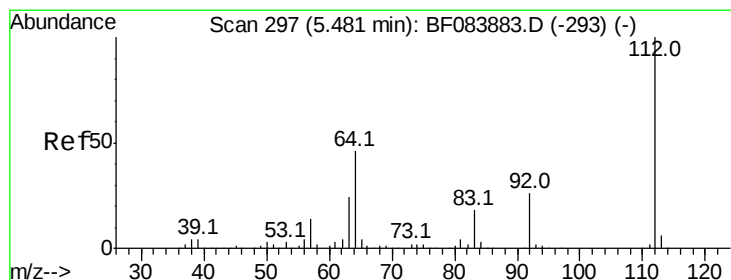
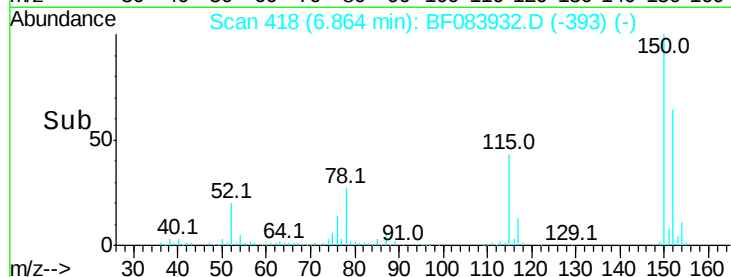
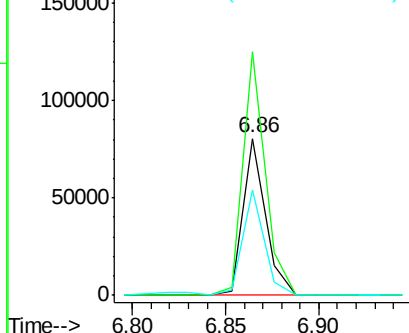
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF083932.D
 Acq: 19 Dec 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Tot Ion:152 Resp: 67348
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.0 184.4
 115 67.4 51.4 77.2



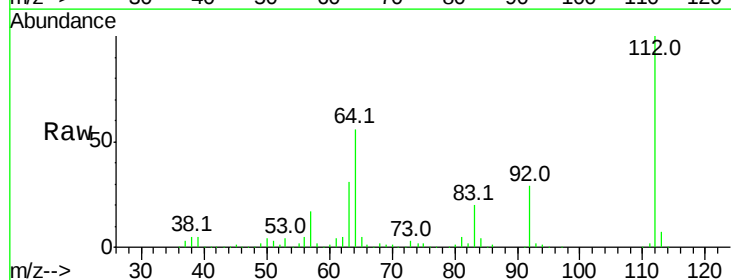
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



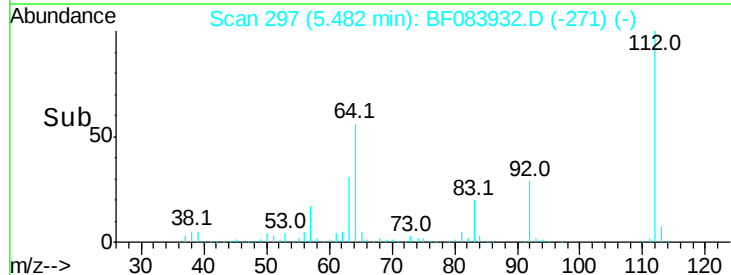
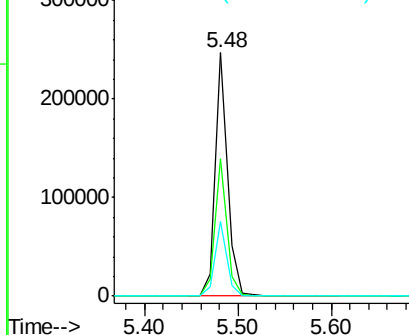
#5

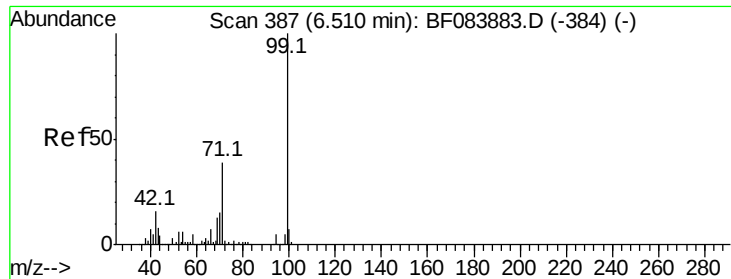
2-Fluorophenol
 Concen: 52.36 ng
 RT: 5.48 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: BF083932.D
 Acq: 19 Dec 2015 00:07

Tgt Ion:112 Resp: 225333
 Ion Ratio Lower Upper
 112 100
 64 56.3 36.6 55.0#
 63 30.5 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: 33.97 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF083932.D

Acq: 19 Dec 2015 00:07

Instrument :

BNA_F

ClientSampleId :

W-03

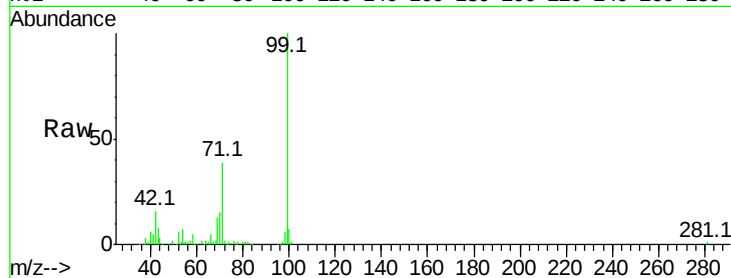
Tot Ion: 99 Resp: 178966

Ion Ratio Lower Upper

99 100

42 15.5 12.8 19.2

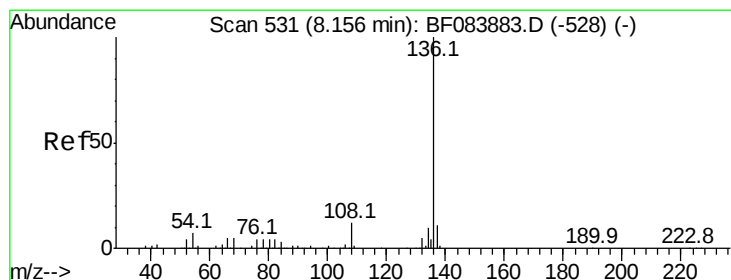
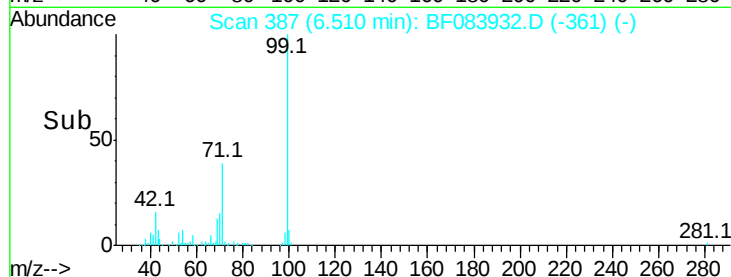
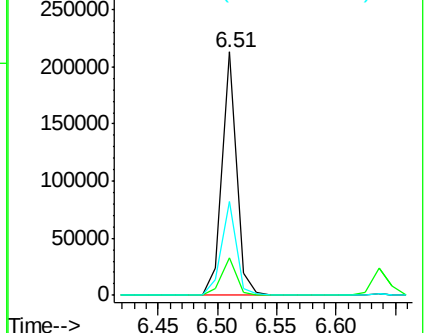
71 38.6 30.9 46.3



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: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF083932.D

Acq: 19 Dec 2015 00:07

Tgt Ion: 136 Resp: 208589

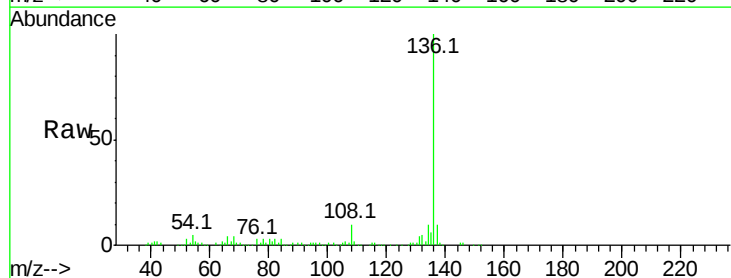
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 4.8 5.8 8.8#

68 3.7 4.2 6.2#

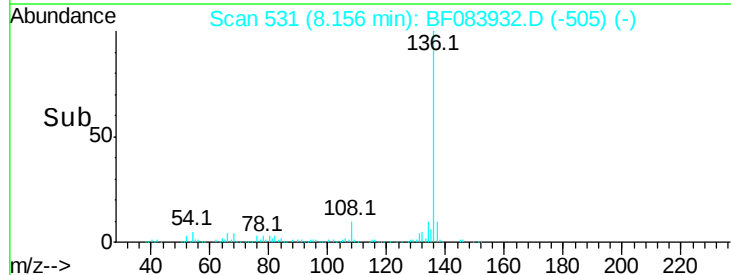
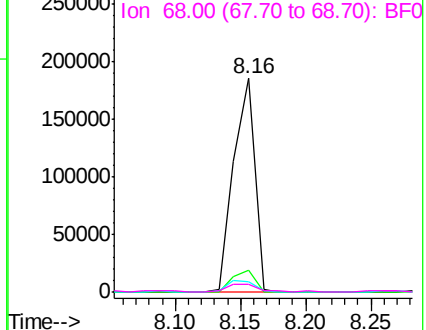


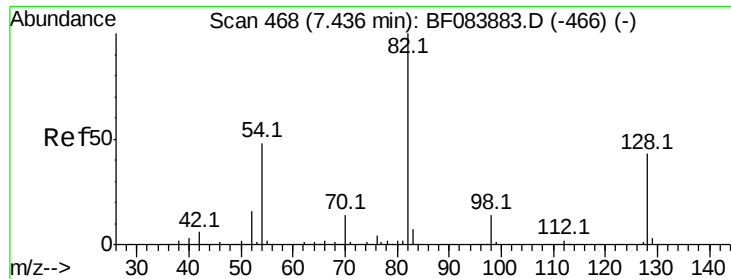
Abundance Ion 136.00 (135.70 to 136.70): E

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

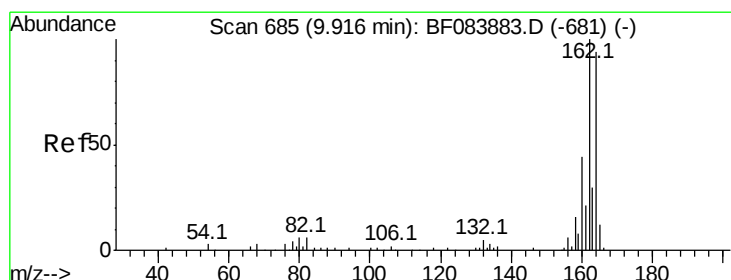
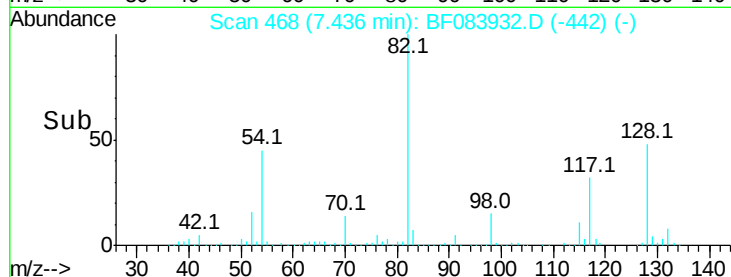
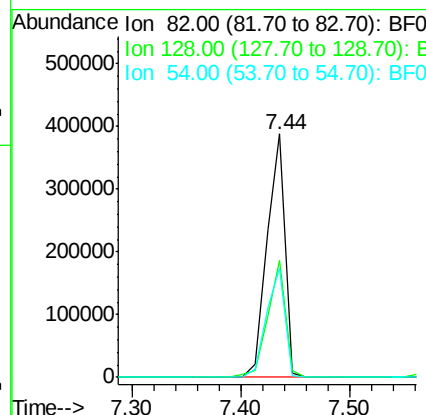
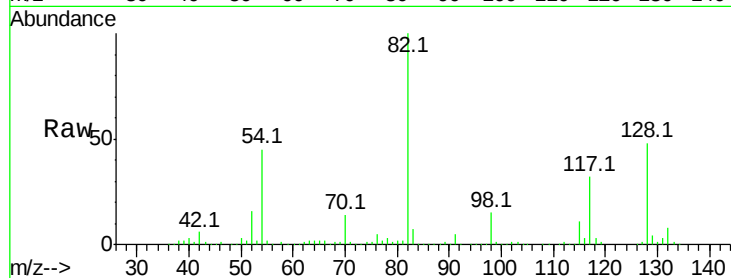




#23
 Nitrobenzene-d5
 Concen: 123.47 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF083932.D
 Acq: 19 Dec 2015 00:07

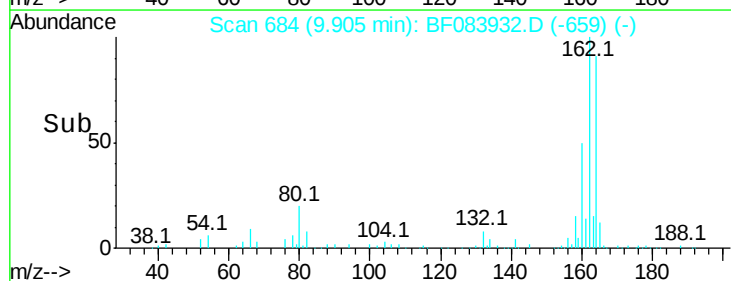
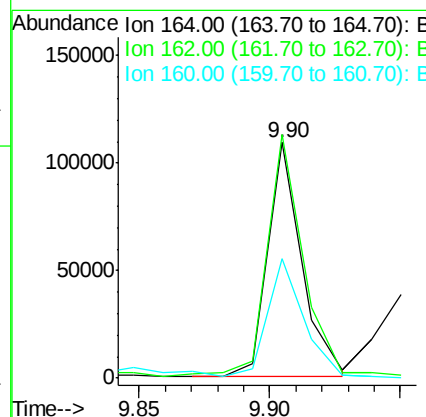
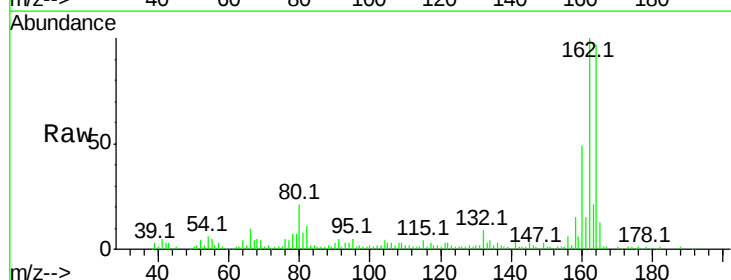
Instrument :
 BNA_F
 ClientSampled :
 W-03

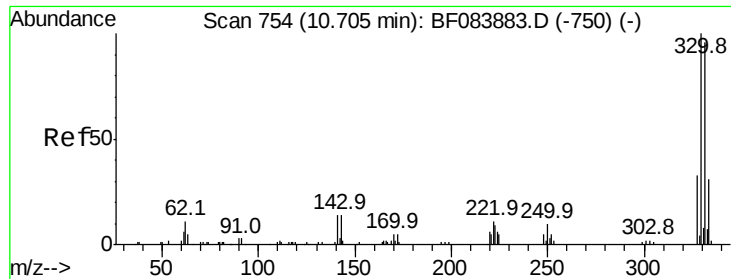
Tot Ion: 82 Resp: 451274
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.6 51.8
 54 45.1 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF083932.D
 Acq: 19 Dec 2015 00:07

Tgt Ion:164 Resp: 99054
 Ion Ratio Lower Upper
 164 100
 162 103.3 85.1 127.7
 160 50.8 37.5 56.3

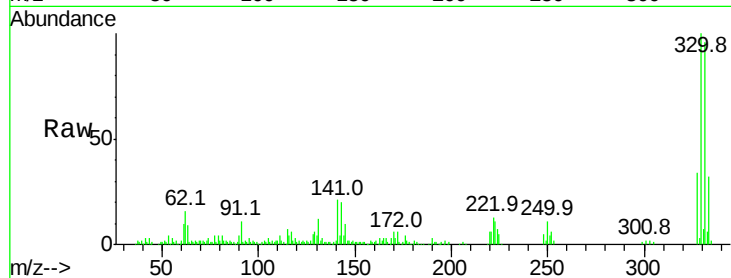




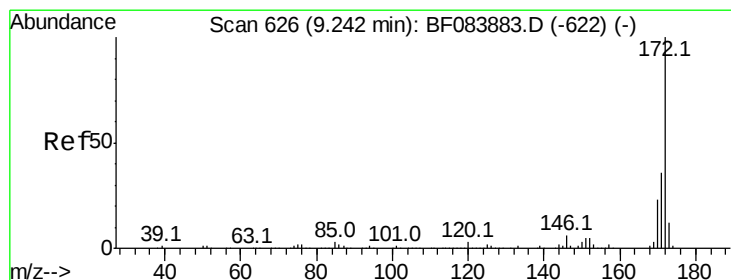
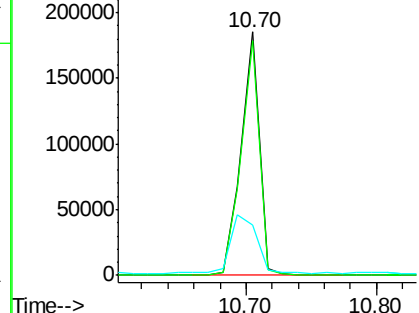
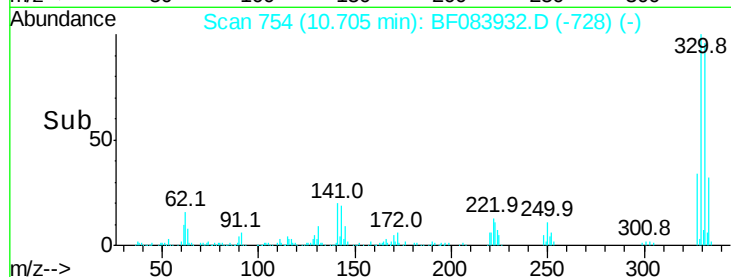
#41
 2,4,6-Tribromophenol
 Concen: 164.36 ng
 RT: 10.70 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF083932.D
 Acq: 19 Dec 2015 00:07

Instrument :
 BNA_F
 ClientSampled :
 W-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	35.6	27.8	41.6

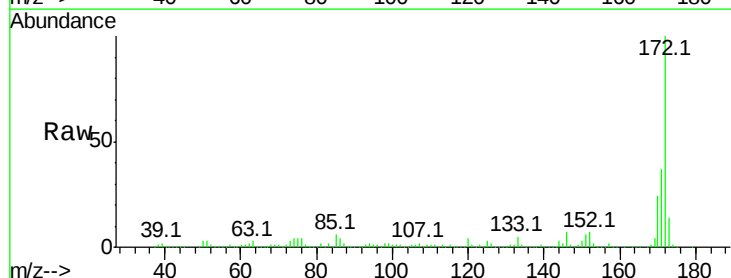


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

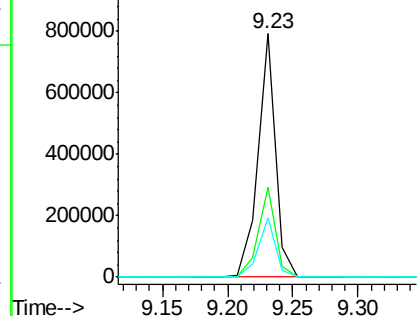
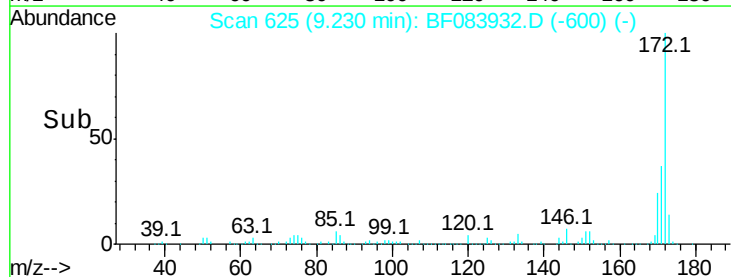


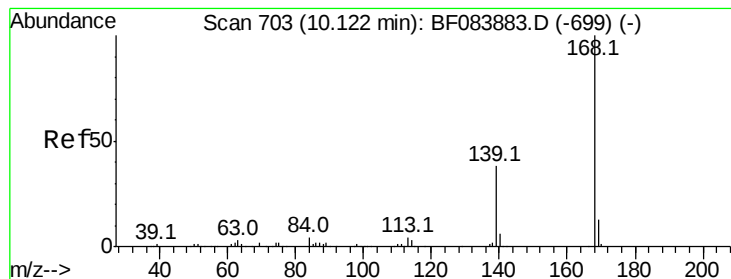
#44
 2-Fluorobiphenyl
 Concen: 110.11 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083932.D
 Acq: 19 Dec 2015 00:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.3	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





#54

Dibenzofuran

Concen: 4.00 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF083932.D

Acq: 19 Dec 2015 00:07

Instrument :

BNA_F

ClientSampleId :

W-03

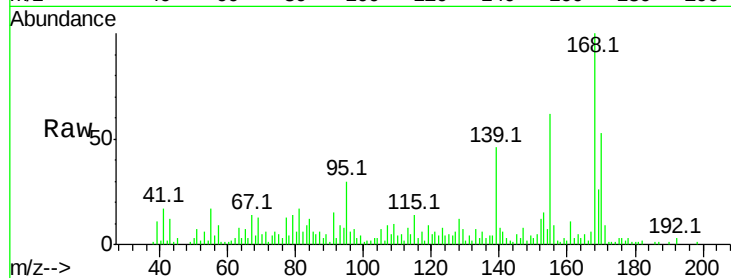
Tot Ion:168 Resp: 36927

Ion Ratio Lower Upper

168 100

139 45.8 30.5 45.7#

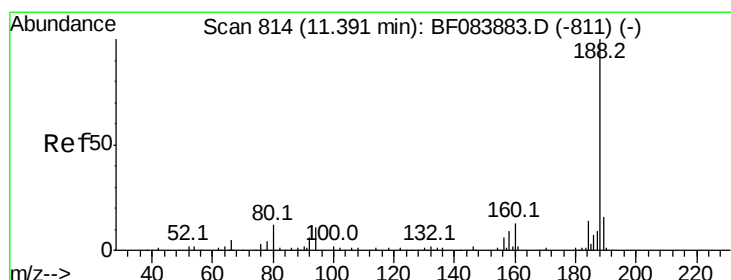
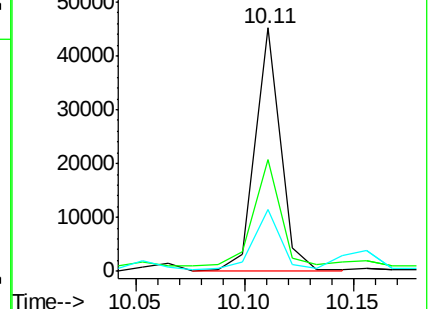
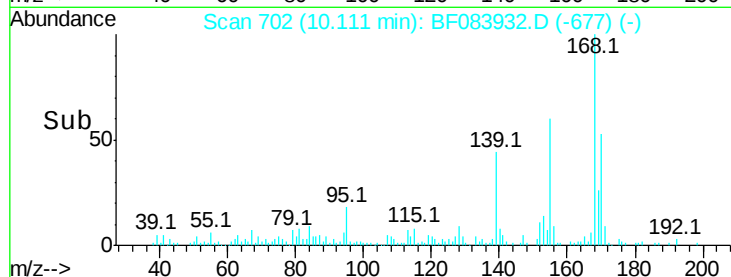
169 25.5 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF083932.D

Acq: 19 Dec 2015 00:07

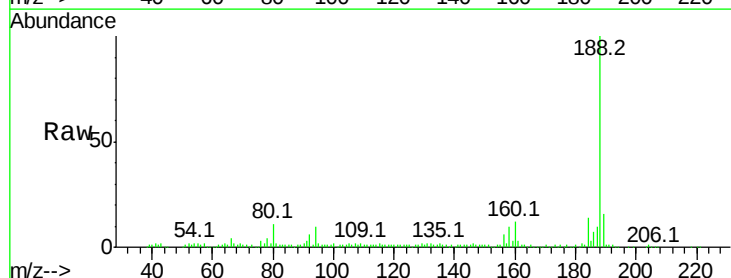
Tgt Ion:188 Resp: 185233

Ion Ratio Lower Upper

188 100

94 10.3 9.0 13.4

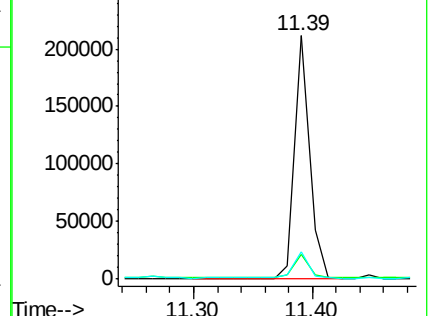
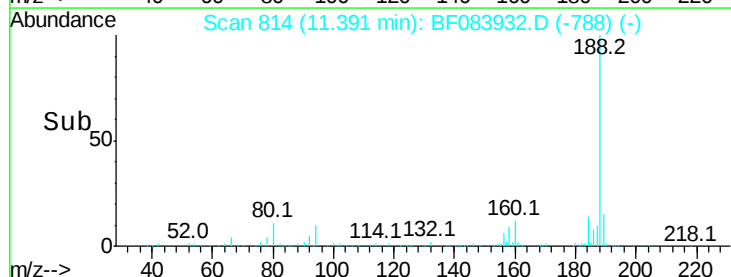
80 11.2 9.6 14.4

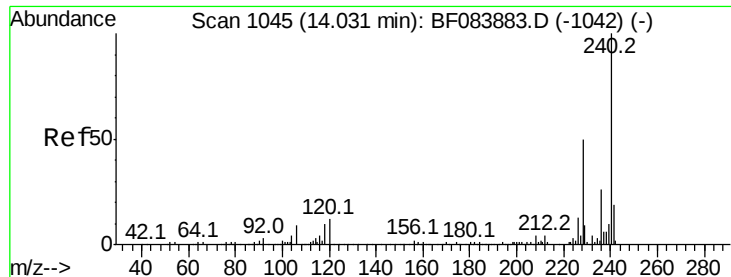


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF083932.D

Acq: 19 Dec 2015 00:07

Instrument :

BNA_F

ClientSampleId :

W-03

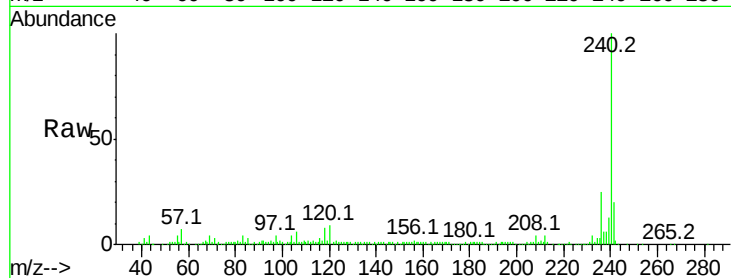
Tot Ion:240 Resp: 146988

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

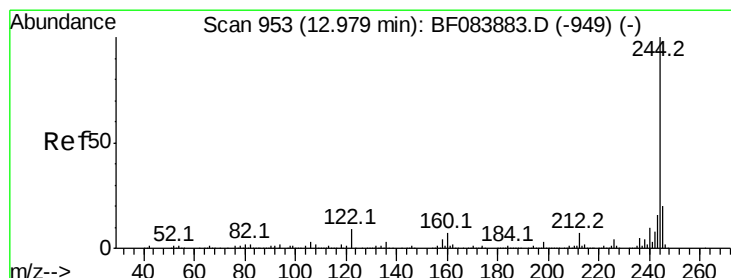
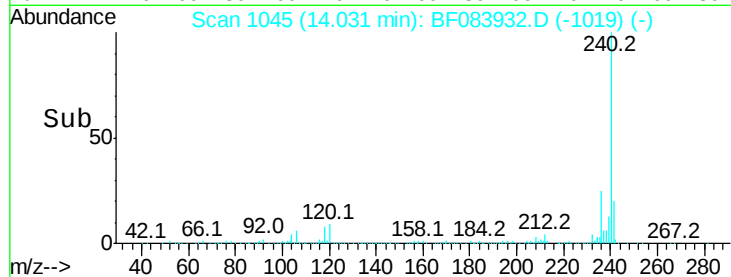
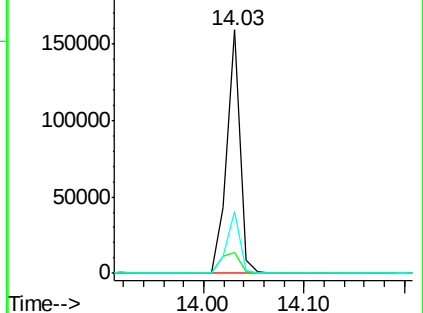
236 25.4 20.6 31.0



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: 82.17 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF083932.D

Acq: 19 Dec 2015 00:07

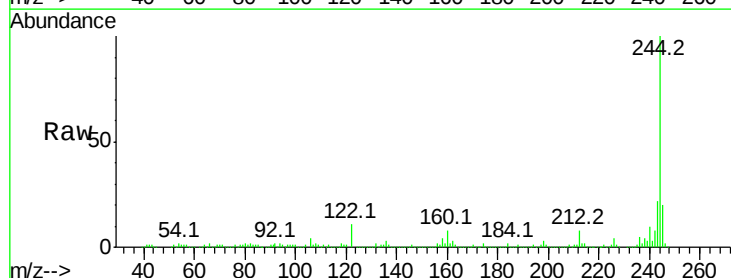
Tgt Ion:244 Resp: 517922

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

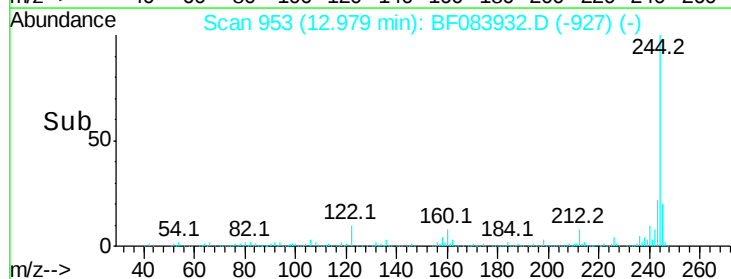
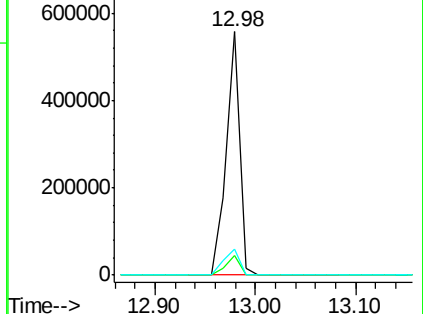
122 10.6 7.4 11.0

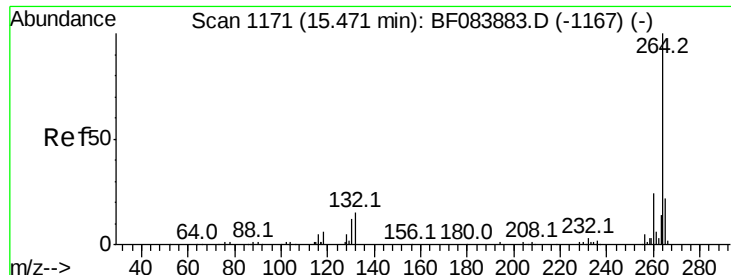


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

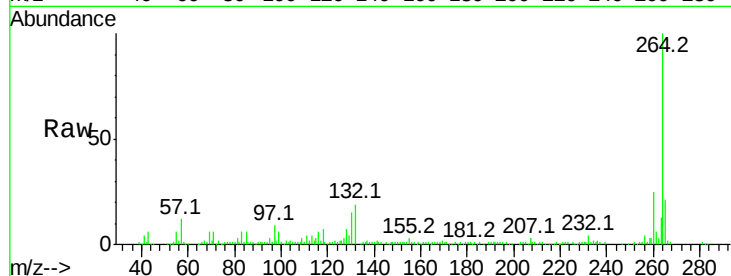




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF083932.D
 Acq: 19 Dec 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.1	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

