

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
 Data File : BF083907.D
 Acq On : 18 Dec 2015 9:55
 Operator : UM/SJ
 Sample : G4800-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Quant Time: Dec 18 12:53:14 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 01:01:02 2015
 Response via : Initial Calibration

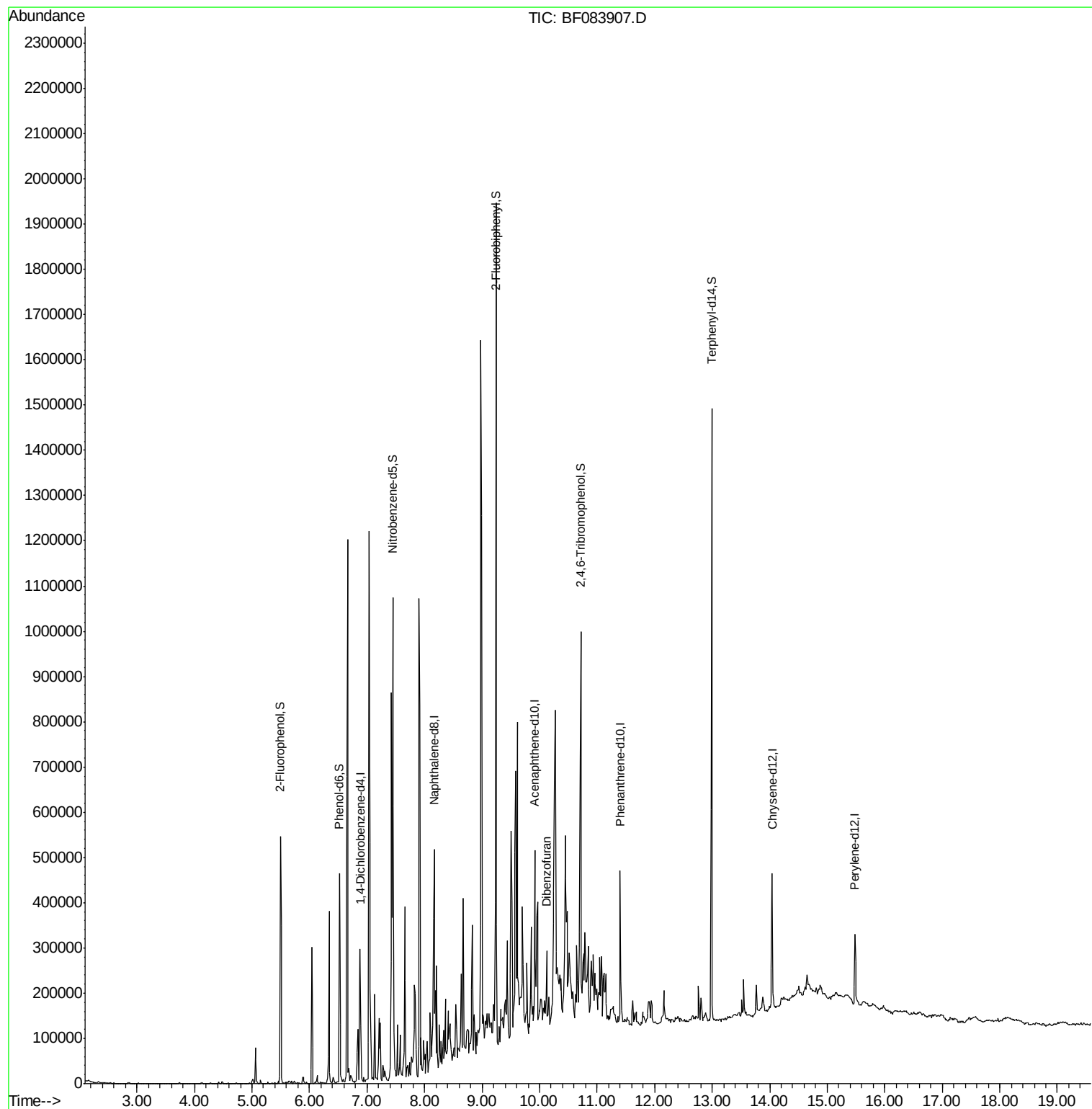
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	47250	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	190499	20.00	ng	0.01
38) Acenaphthene-d10	9.92	164	76822	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	114848	20.00	ng	0.01
75) Chrysene-d12	14.04	240	98080	20.00	ng	0.01
86) Perylene-d12	15.48	264	69650	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	194404	64.39	ng	0.01
7) Phenol-d6	6.52	99	144352	39.06	ng	0.01
23) Nitrobenzene-d5	7.45	82	299763	89.81	ng	0.01
41) 2,4,6-Tribromophenol	10.72	330	113690	134.34	ng	0.01
44) 2-Fluorobiphenyl	9.24	172	552546	104.81	ng	0.00
78) Terphenyl-d14	12.99	244	411617	99.16	ng	0.01
Target Compounds						
54) Dibenzofuran	10.12	168	25442	3.56	ng	Qvalue # 83

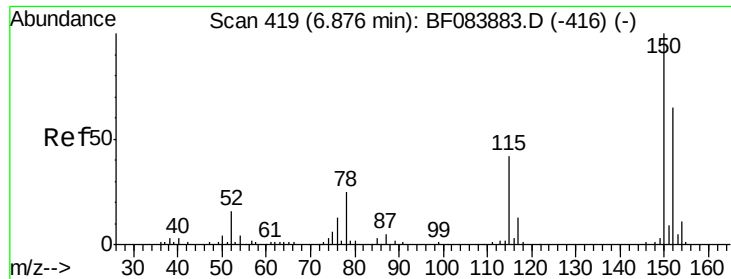
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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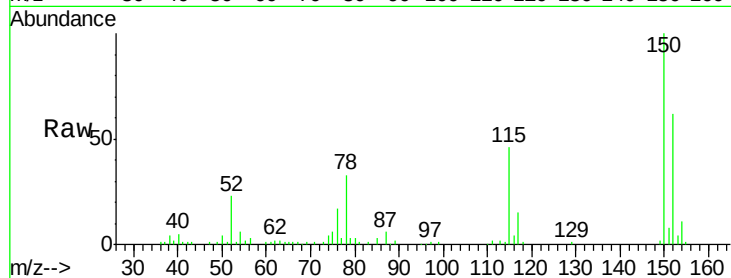




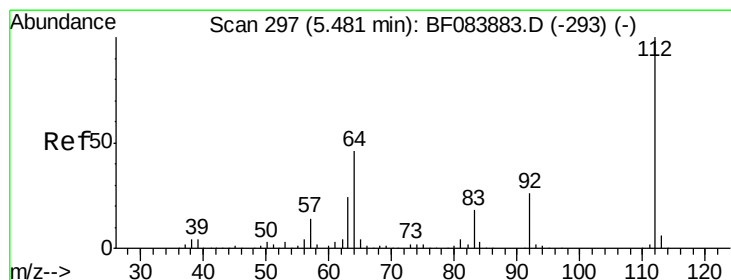
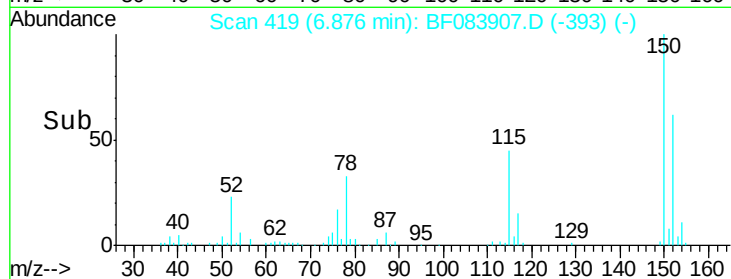
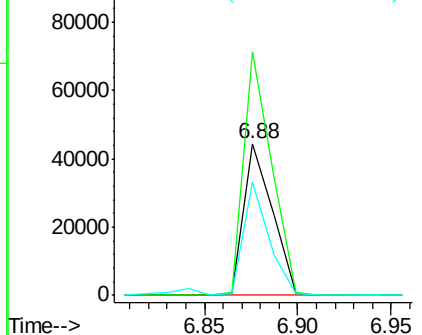
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF083907.D
 Acq: 18 Dec 2015 9:55

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Tgt Ion:152 Resp: 47250
 Ion Ratio Lower Upper
 152 100
 150 160.5 123.0 184.4
 115 74.5 51.4 77.2

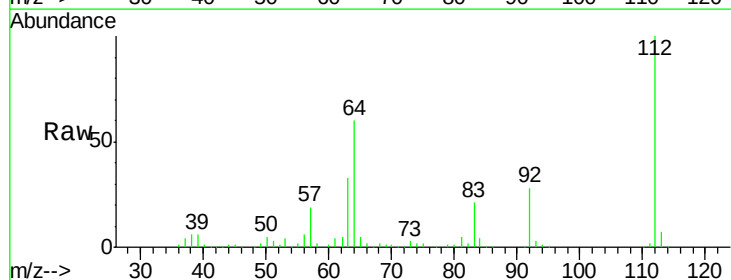


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

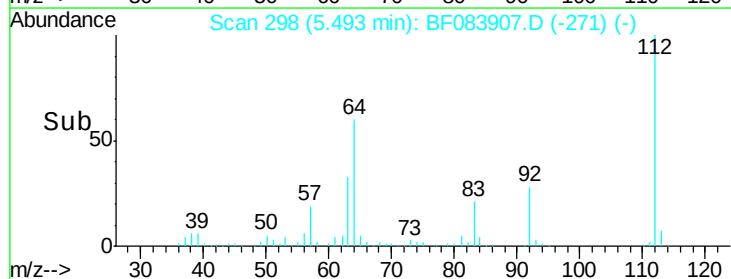
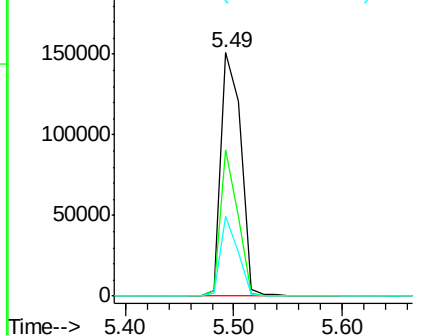


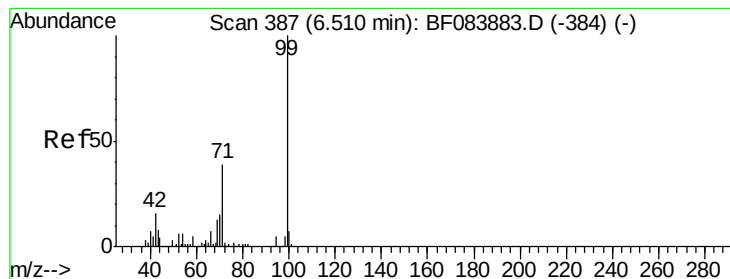
#5
 2-Fluorophenol
 Concen: 64.39 ng
 RT: 5.49 min Scan# 298
 Delta R.T. 0.01 min
 Lab File: BF083907.D
 Acq: 18 Dec 2015 9:55

Tgt Ion:112 Resp: 194404
 Ion Ratio Lower Upper
 112 100
 64 59.9 36.6 55.0#
 63 32.5 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: 39.06 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF083907.D

Acq: 18 Dec 2015 9:55

Instrument :

BNA_F

ClientSampleId :

W-03

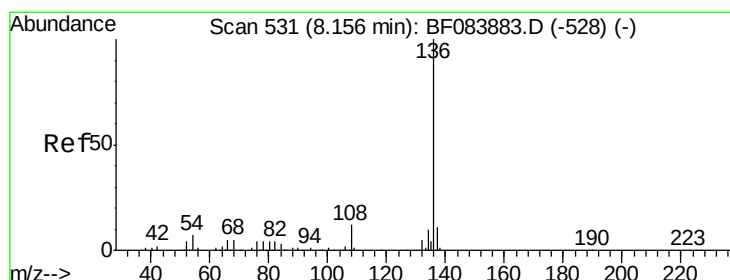
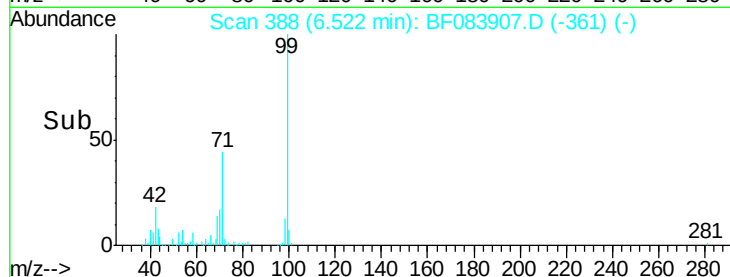
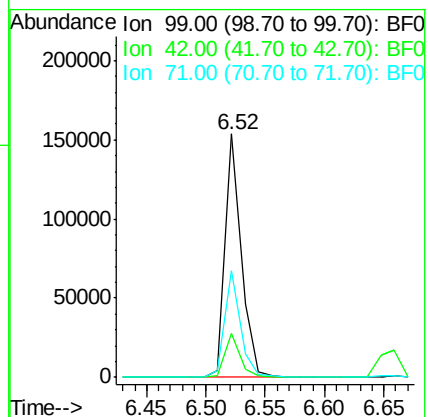
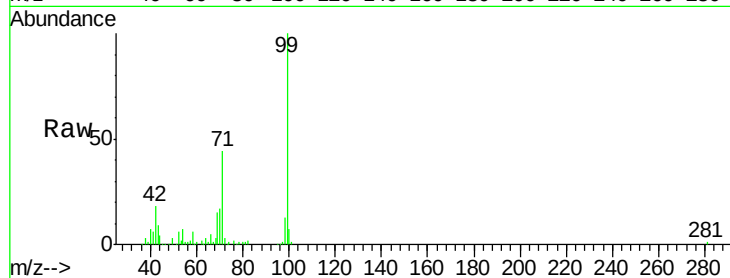
Tgt Ion: 99 Resp: 144352

Ion Ratio Lower Upper

99 100

42 18.0 12.8 19.2

71 43.8 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.01 min

Lab File: BF083907.D

Acq: 18 Dec 2015 9:55

Tgt Ion: 136 Resp: 190499

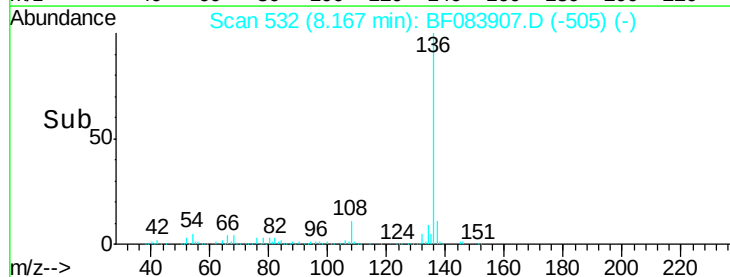
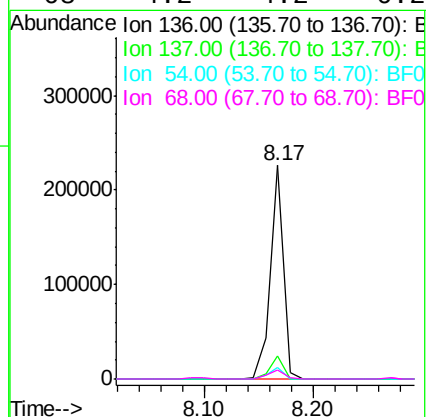
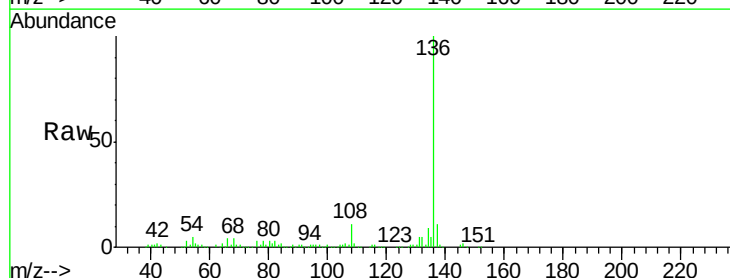
Ion Ratio Lower Upper

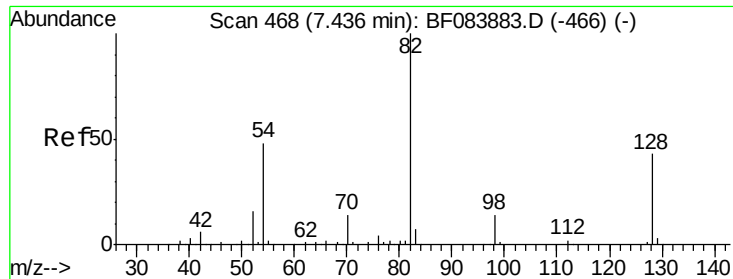
136 100

137 10.5 8.7 13.1

54 5.4 5.8 8.8#

68 4.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 89.81 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.01 min

Lab File: BF083907.D

Acq: 18 Dec 2015 9:55

Instrument :

BNA_F

ClientSampleId :

W-03

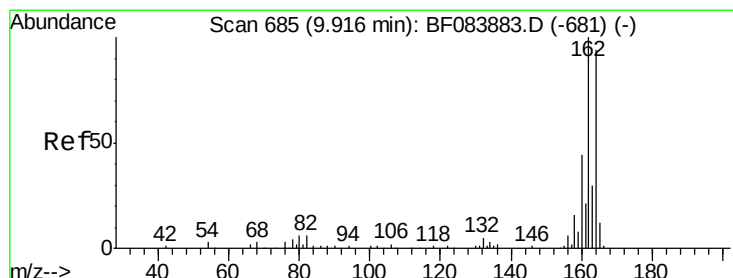
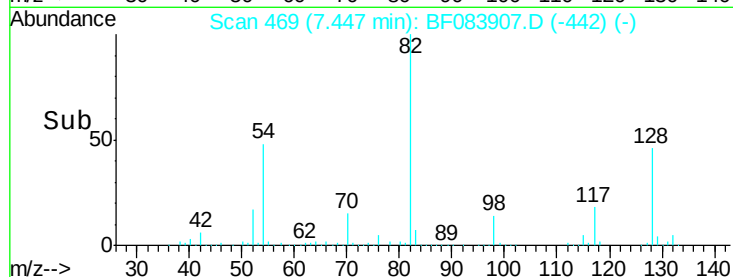
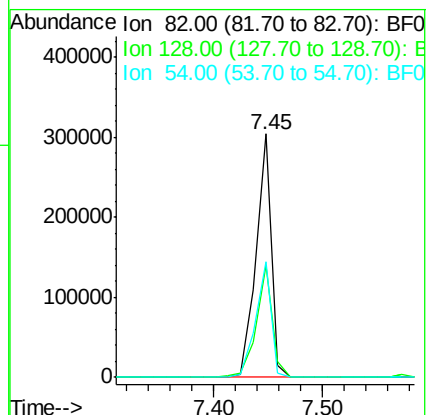
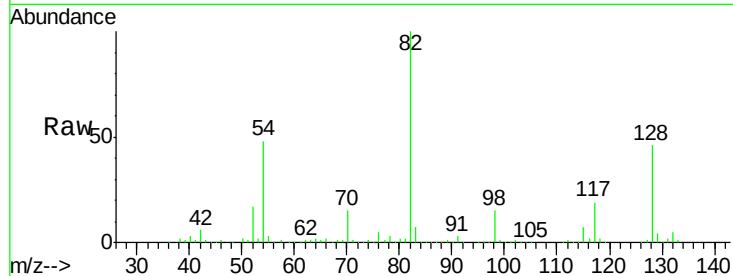
Tgt Ion: 82 Resp: 299763

Ion Ratio Lower Upper

82 100

128 46.2 34.6 51.8

54 47.7 38.4 57.6



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF083907.D

Acq: 18 Dec 2015 9:55

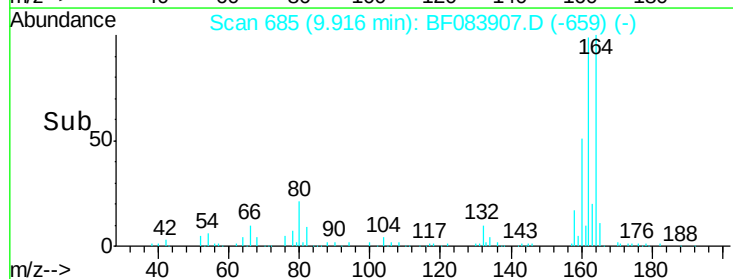
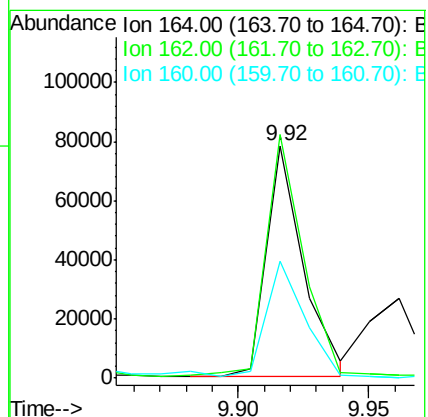
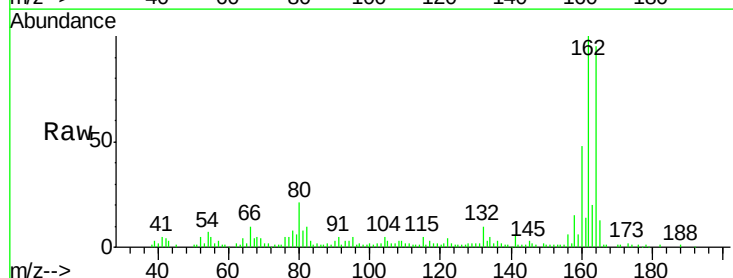
Tgt Ion: 164 Resp: 76822

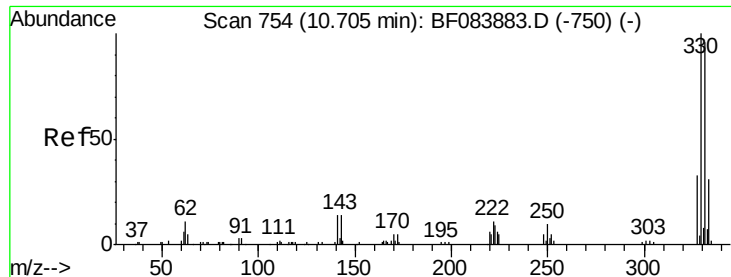
Ion Ratio Lower Upper

164 100

162 104.9 85.1 127.7

160 50.4 37.5 56.3

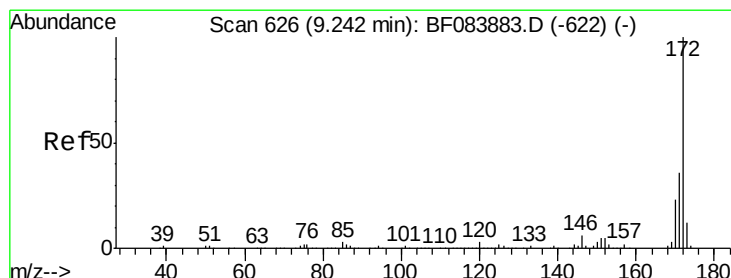
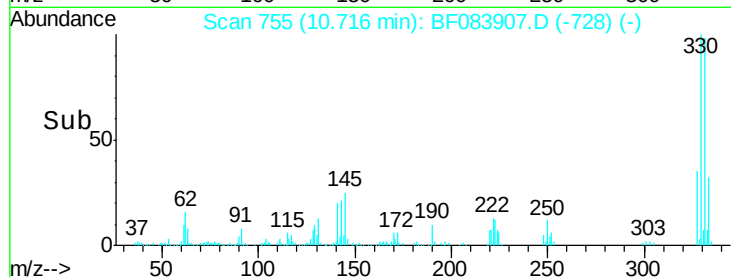
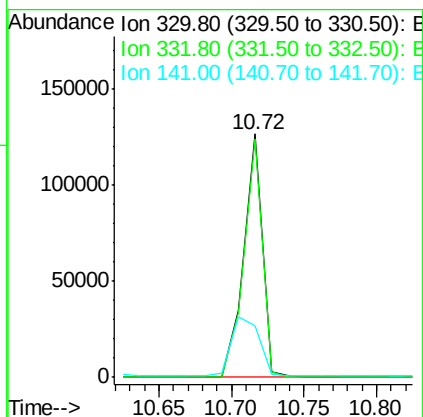
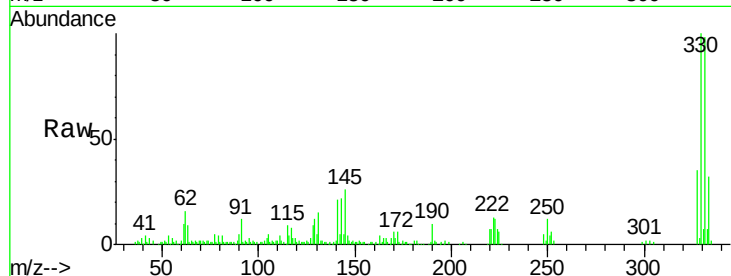




#41
 2,4,6-Tribromophenol
 Concen: 134.34 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: BF083907.D
 Acq: 18 Dec 2015 9:55

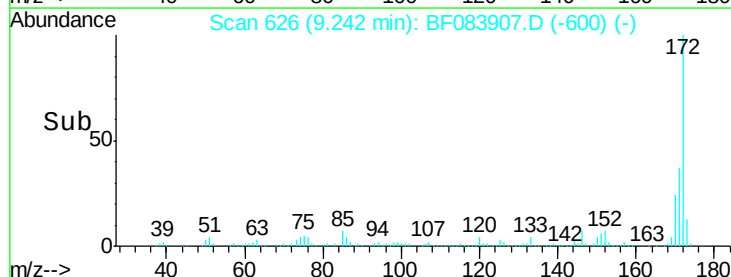
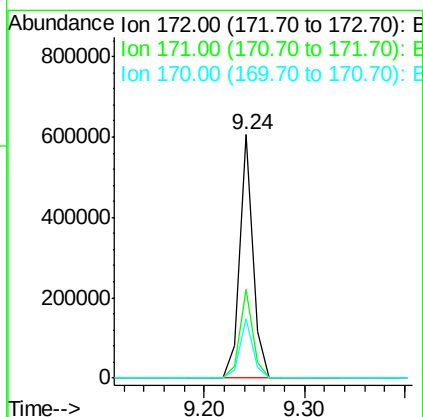
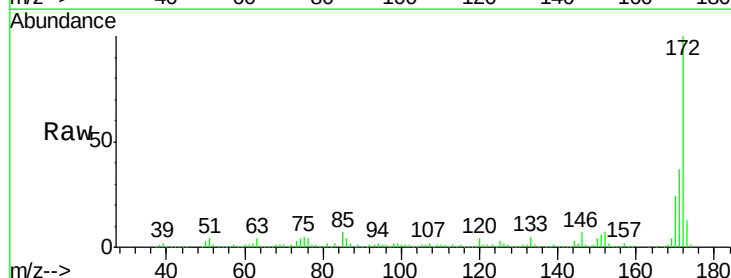
Instrument :
 BNA_F
 ClientSampleId :
 W-03

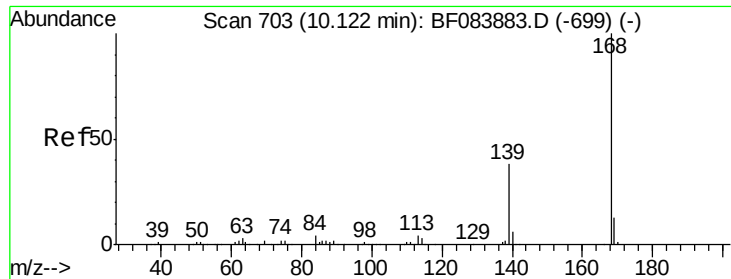
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	35.8	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 104.81 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083907.D
 Acq: 18 Dec 2015 9:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.1	18.6	27.8

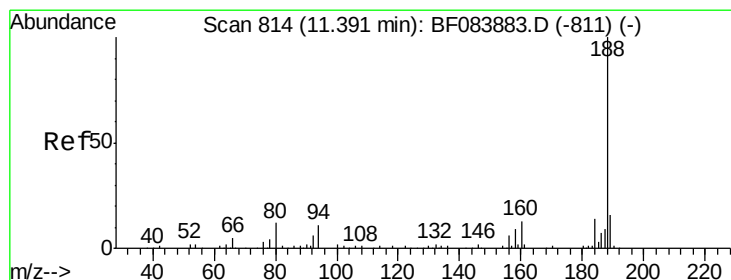
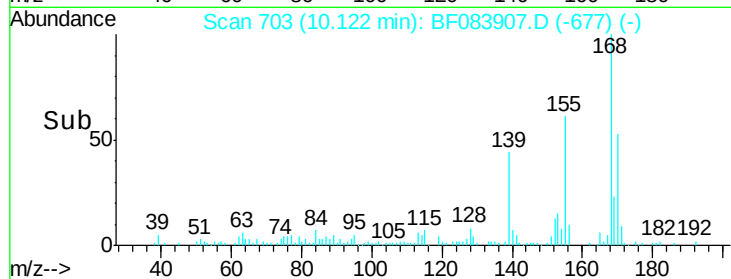
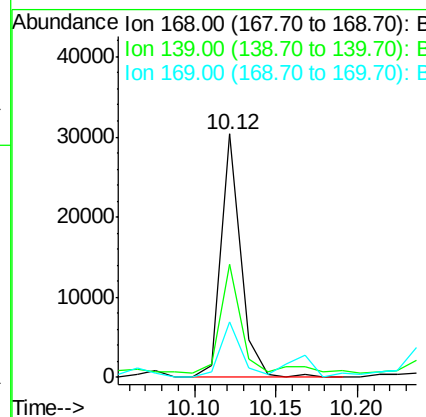
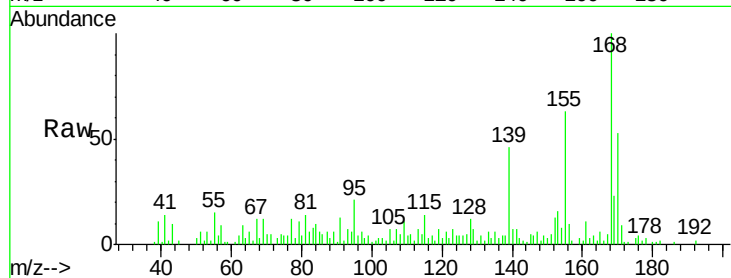




#54
Dibenzofuran
Concen: 3.56 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

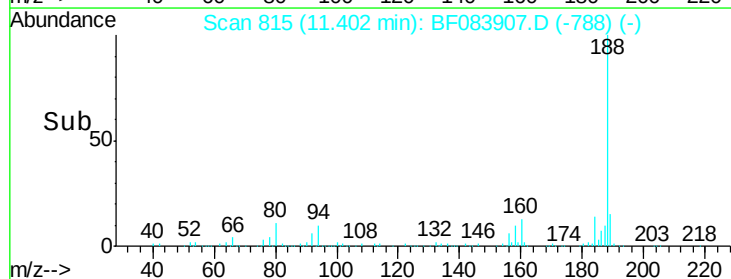
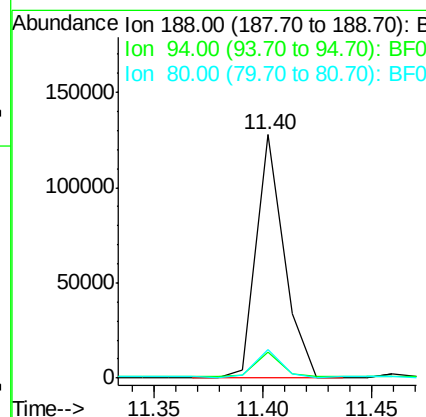
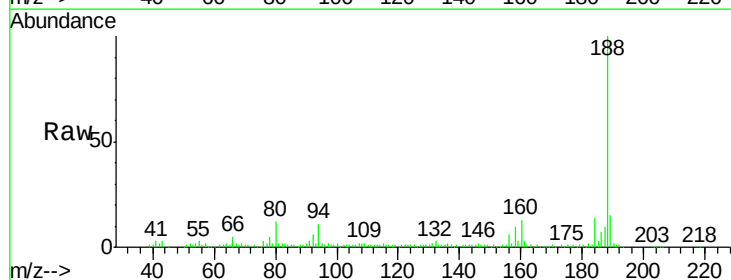
Instrument :
BNA_F
ClientSampleId :
W-03

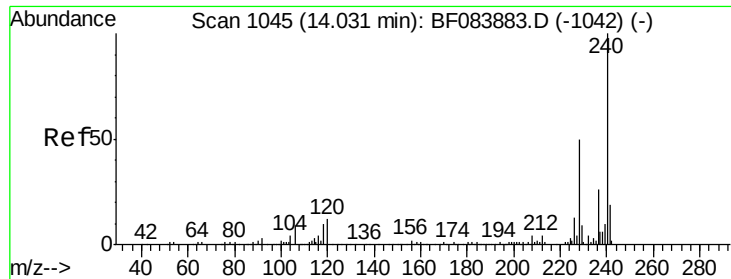
Tgt Ion:168 Resp: 25442
Ion Ratio Lower Upper
168 100
139 46.3 30.5 45.7#
169 22.9 10.4 15.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Tgt Ion:188 Resp: 114848
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.4
80 11.6 9.6 14.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF083907.D

Acq: 18 Dec 2015 9:55

Instrument :

BNA_F

ClientSampleId :

W-03

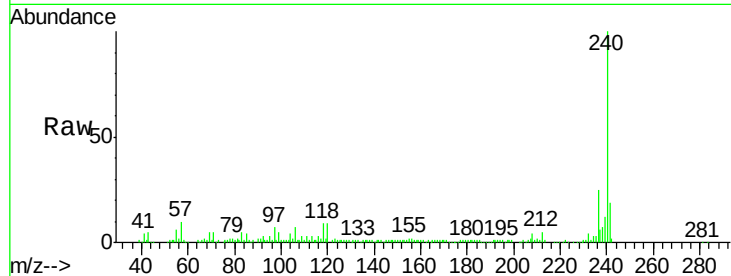
Tgt Ion:240 Resp: 98080

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

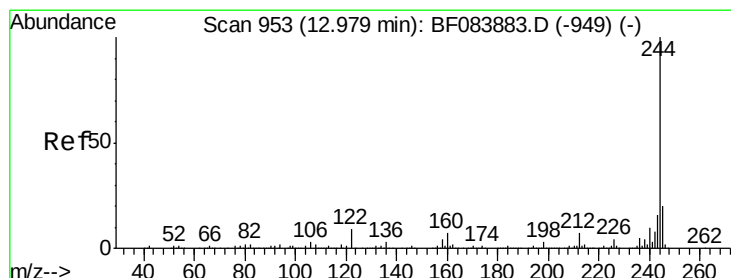
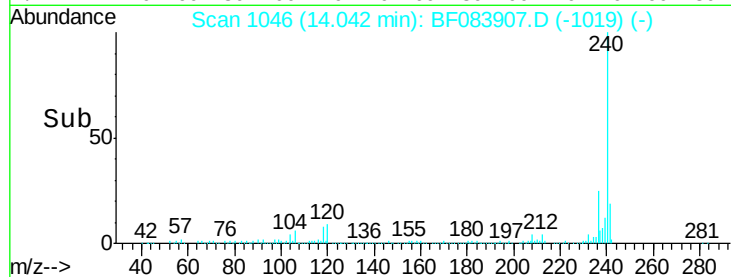
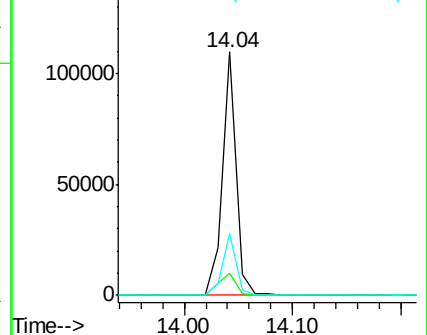
236 25.4 20.6 31.0



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: 99.16 ng

RT: 12.99 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF083907.D

Acq: 18 Dec 2015 9:55

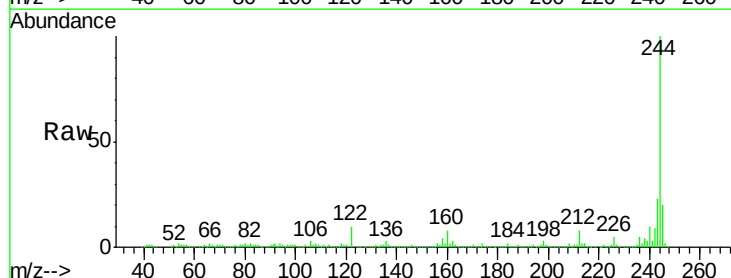
Tgt Ion:244 Resp: 411617

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

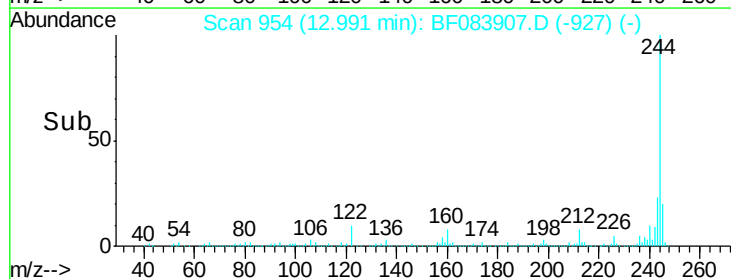
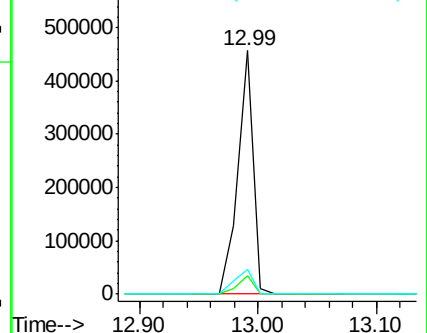
122 10.0 7.4 11.0

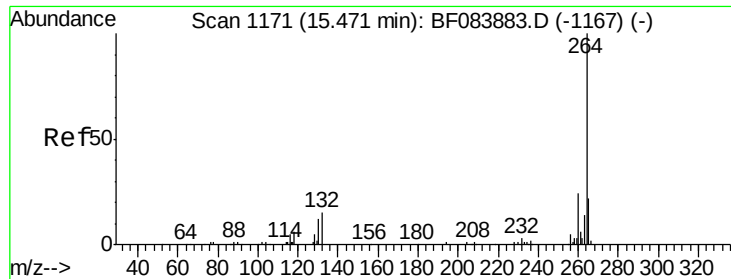


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

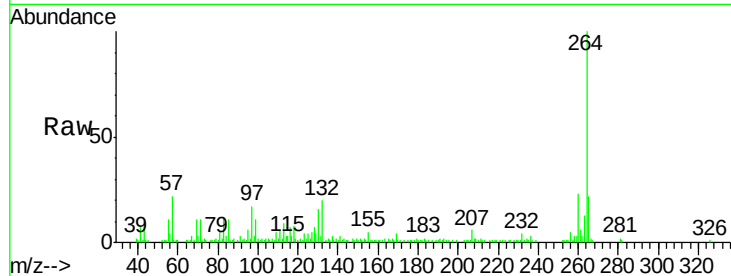




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Instrument :
BNA_F
ClientSampleId :
W-03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.7	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

