

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083807.D
 Acq On : 15 Dec 2015 9:38
 Operator : UM/IZ
 Sample : G4761-04
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL

Quant Time: Dec 15 11:23:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

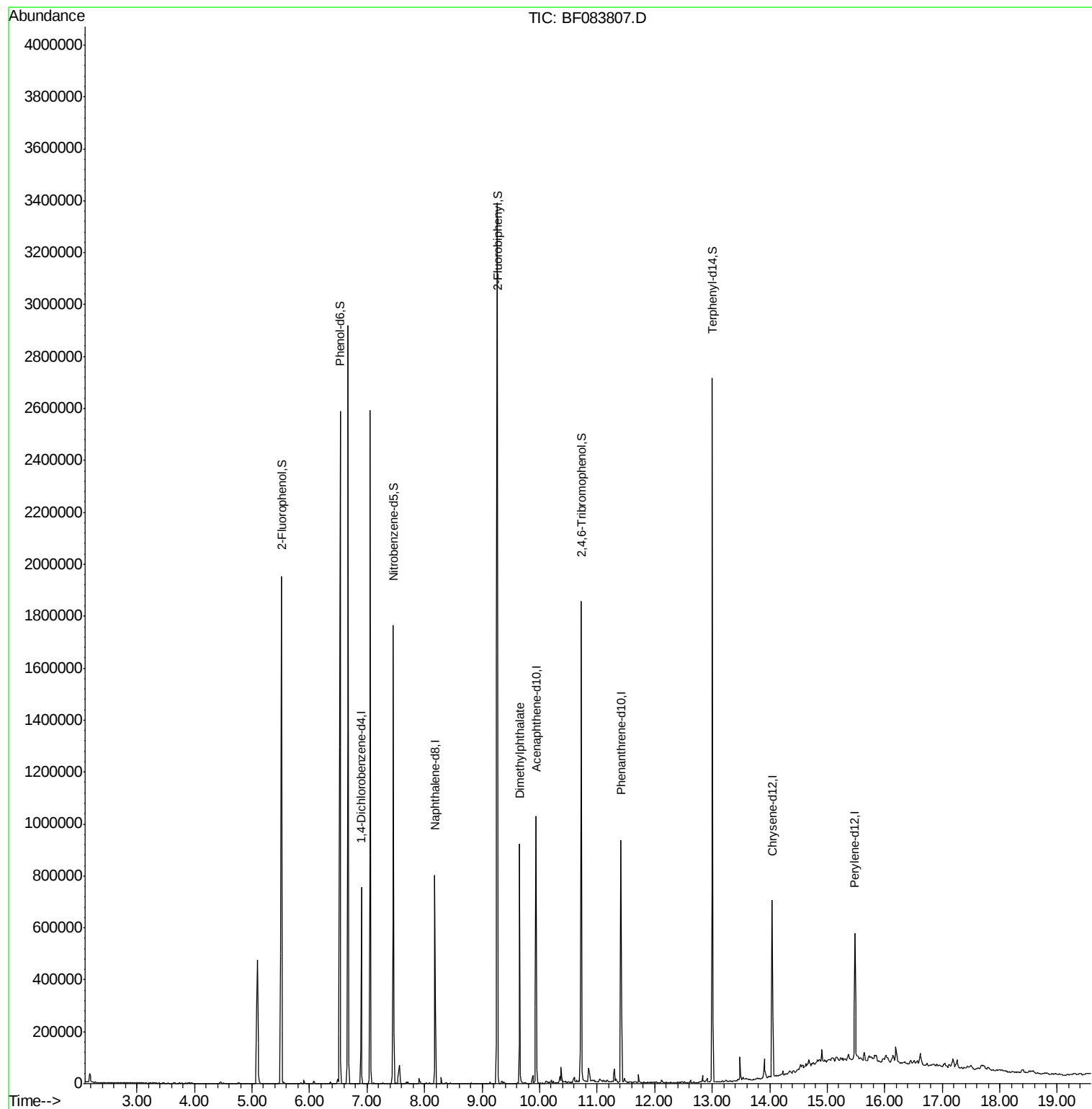
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	108246	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	398354	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	203714	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	337092	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	230481	20.00	ng	-0.03
86) Perylene-d12	15.48	264	222579	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	919170	136.99	ng	-0.01
7) Phenol-d6	6.53	99	1046068	123.11	ng	-0.01
23) Nitrobenzene-d5	7.46	82	622675	87.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	298402	143.75	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1201925	87.10	ng	-0.02
78) Terphenyl-d14	13.00	244	818078	76.35	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.65	163	348412	21.94	ng	99

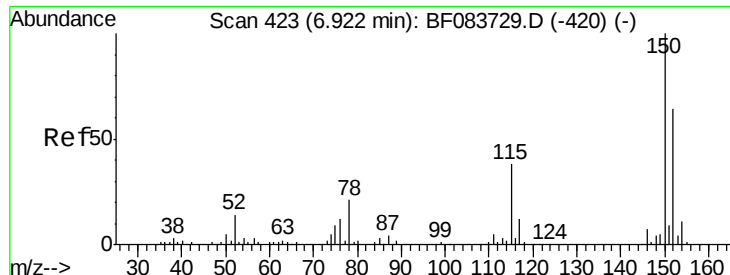
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083807.D

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Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL

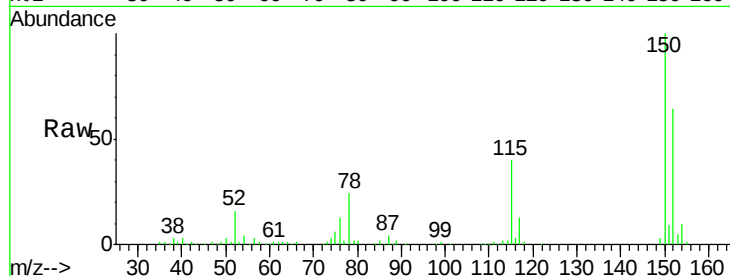
Tot Ion:152 Resp: 108246

Ion Ratio Lower Upper

152 100

150 156.0 126.5 189.7

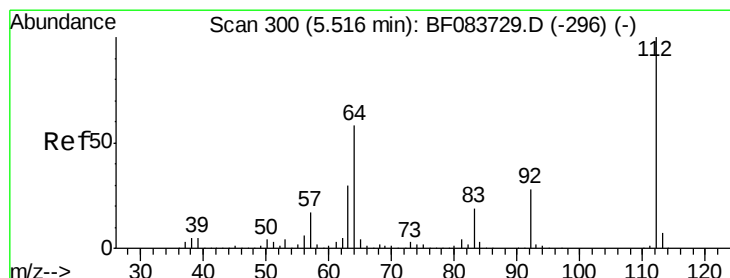
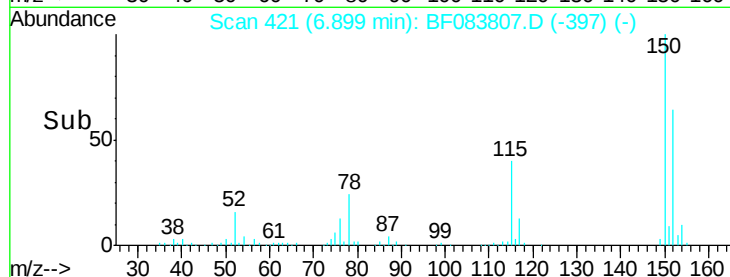
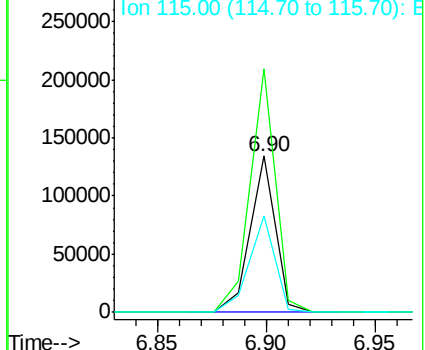
115 62.1 52.3 78.5



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: 136.99 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083807.D

Acq: 15 Dec 2015 9:38

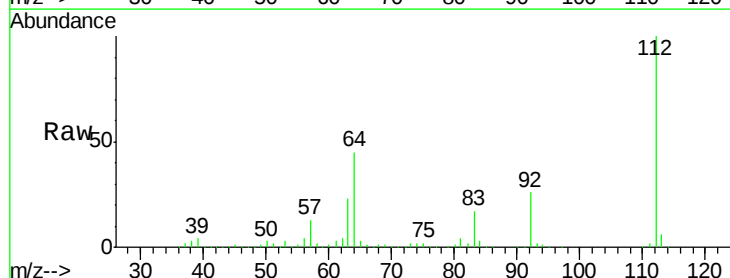
Tgt Ion:112 Resp: 919170

Ion Ratio Lower Upper

112 100

64 45.0 50.5 75.7#

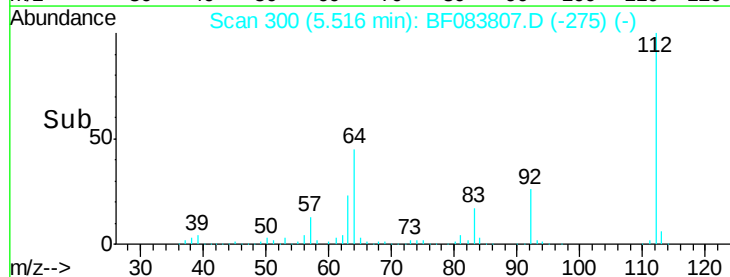
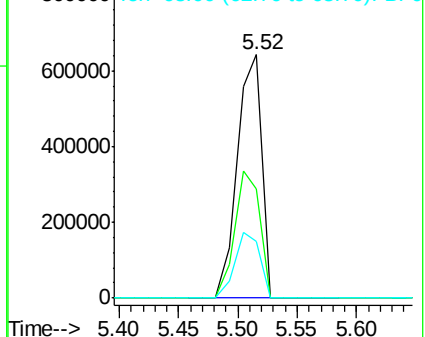
63 23.4 25.8 38.6#

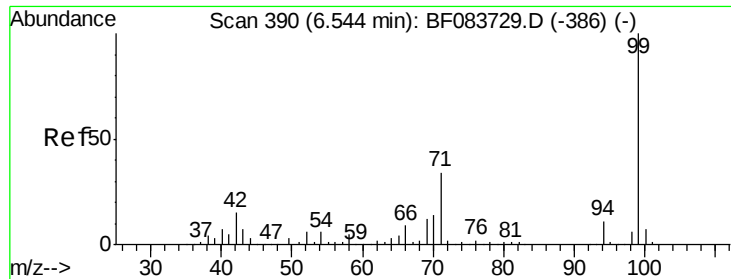


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.11 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083807.D

Acq: 15 Dec 2015 9:38

Instrument :

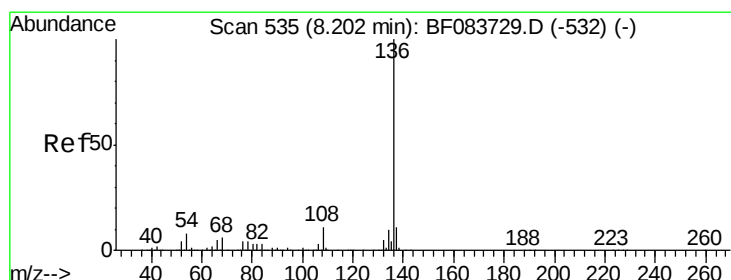
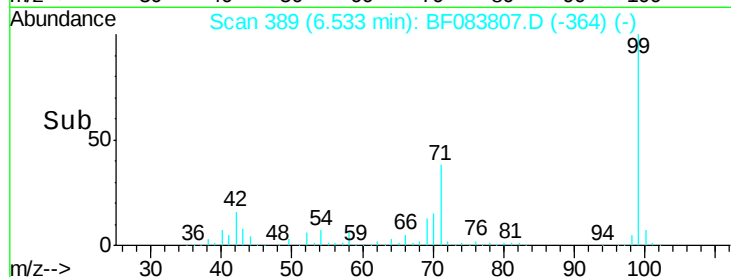
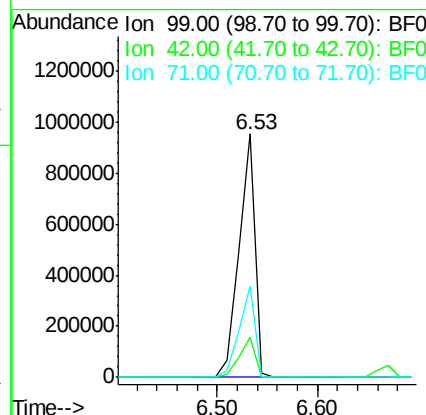
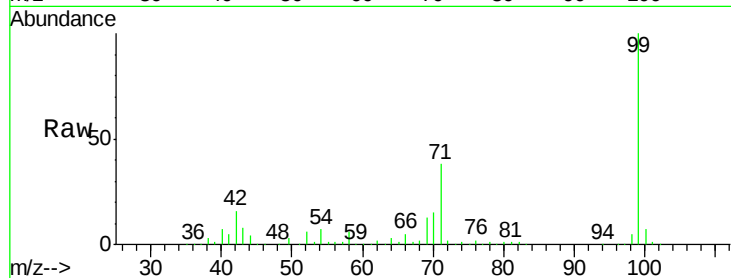
BNA_F

ClientSampleId :

SOUTH-SIDEWALL

Tot Ion: 99 Resp: 1046068

Ion	Ratio	Lower	Upper
99	100		
42	16.3	17.3	25.9#
71	37.5	26.6	40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

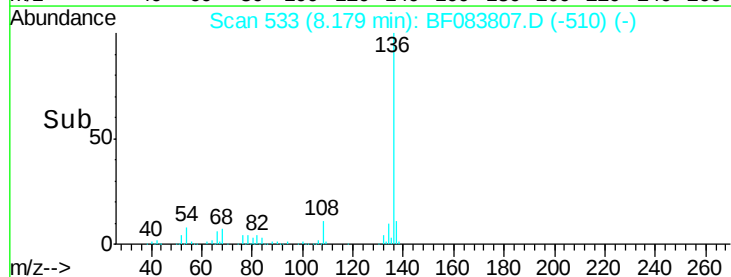
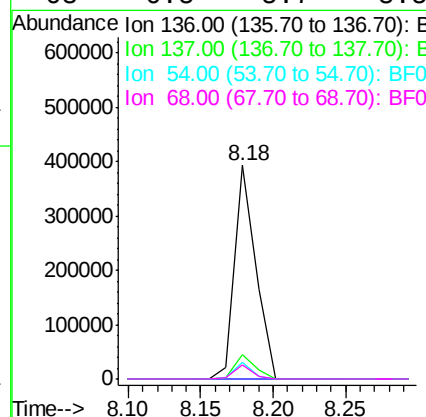
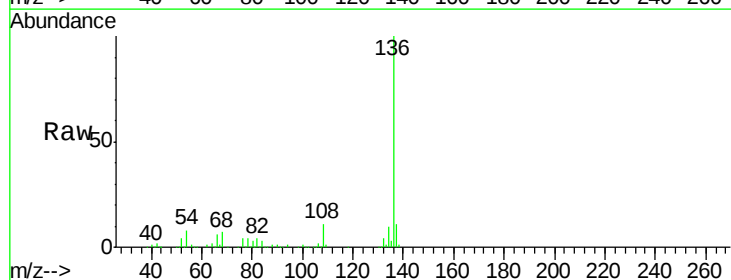
Delta R.T. -0.03 min

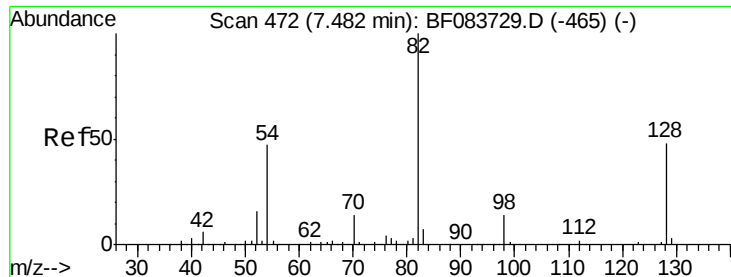
Lab File: BF083807.D

Acq: 15 Dec 2015 9:38

Tgt Ion: 136 Resp: 398354

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.1	7.8	11.6
68	6.5	5.7	8.5

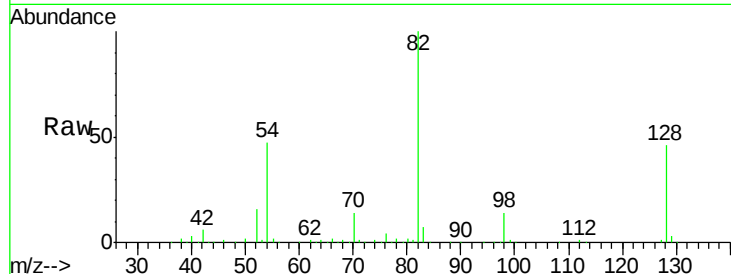




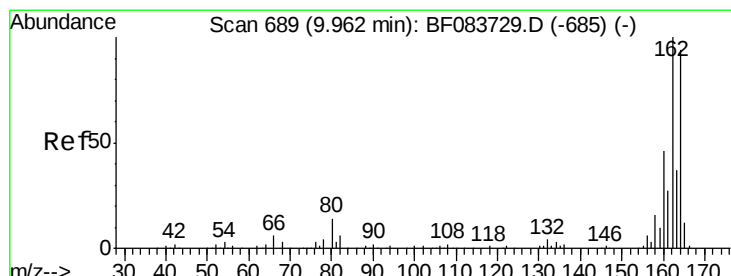
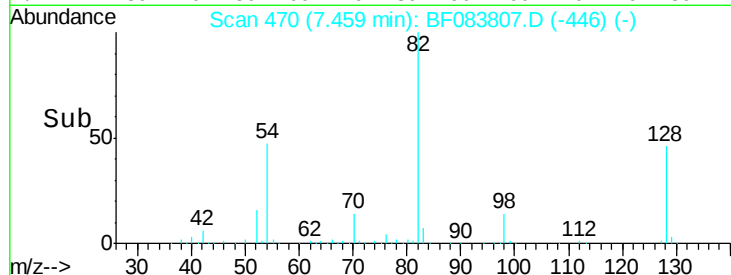
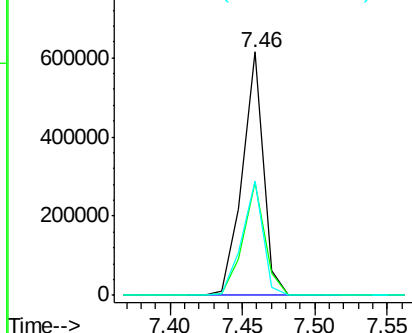
#23
 Nitrobenzene-d5
 Concen: 87.45 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL

Tot Ion: 82 Resp: 622675
 Ion Ratio Lower Upper
 82 100
 128 46.3 30.7 46.1#
 54 46.8 42.5 63.7

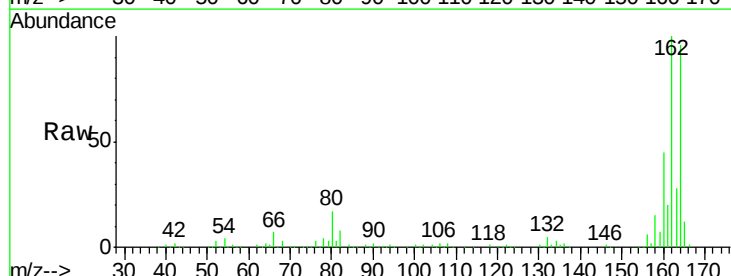


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

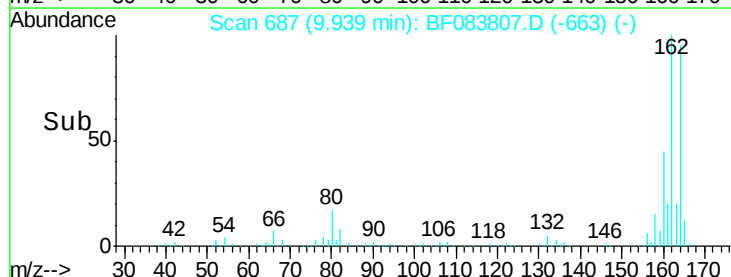
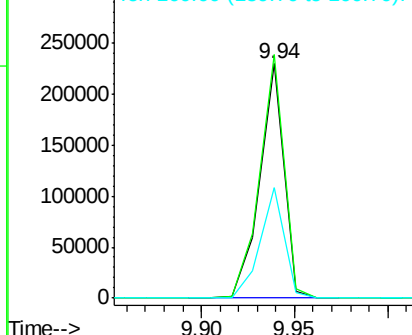


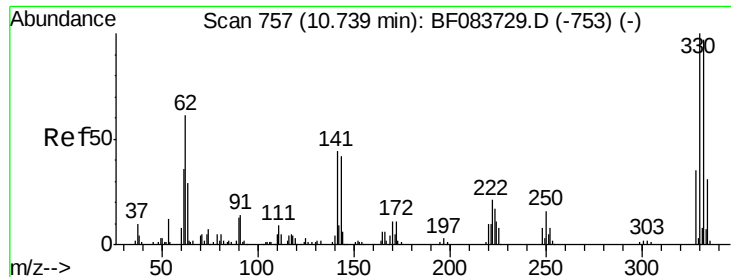
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

Tgt Ion:164 Resp: 203714
 Ion Ratio Lower Upper
 164 100
 162 103.9 78.8 118.2
 160 47.0 33.4 50.2



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

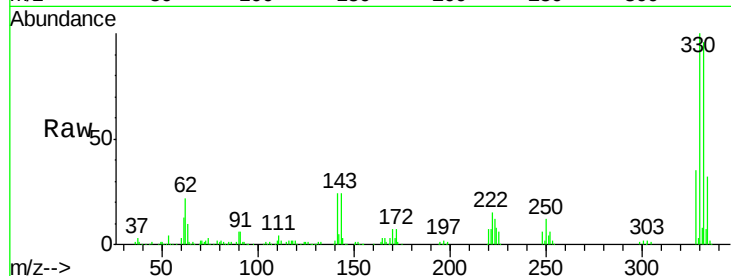




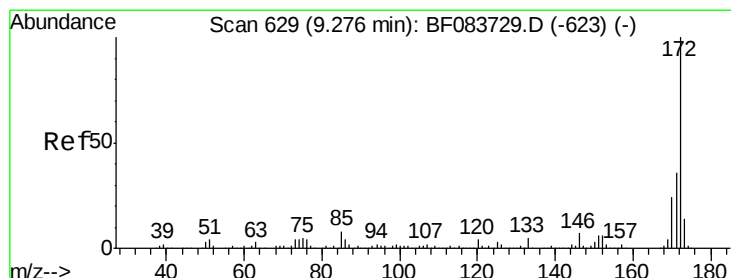
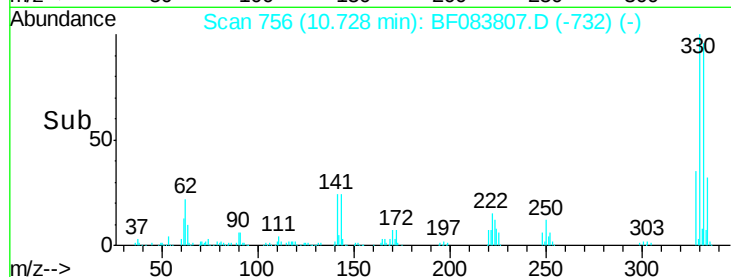
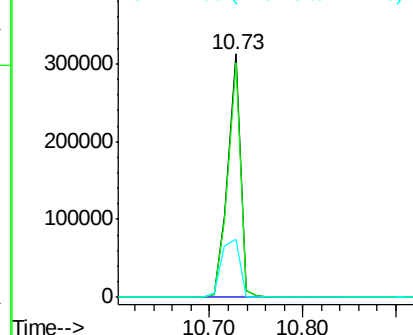
#41
 2,4,6-Tribromophenol
 Concen: 143.75 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	34.2	0.0	0.0#

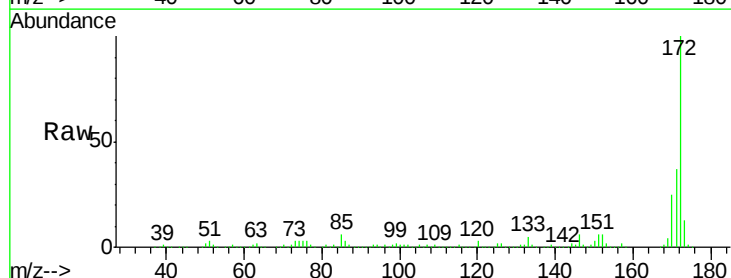


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

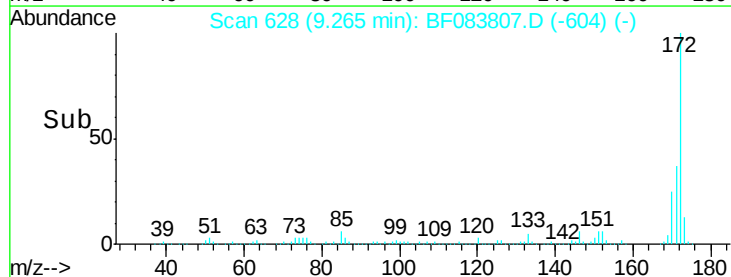
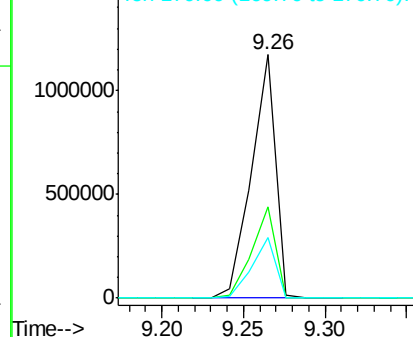


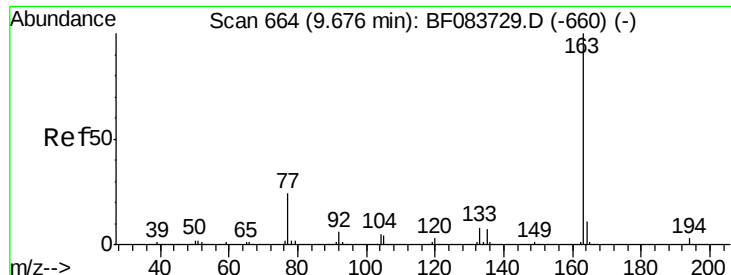
#44
 2-Fluorobiphenyl
 Concen: 87.10 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.6	42.8
170	25.1	19.4	29.0



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: 21.94 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.03 min

Lab File: BF083807.D

Acq: 15 Dec 2015 9:38

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL

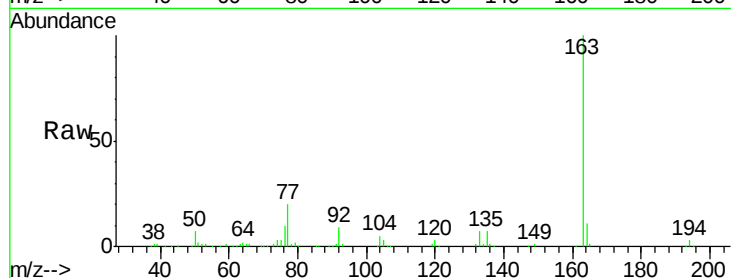
Tot Ion:163 Resp: 348412

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

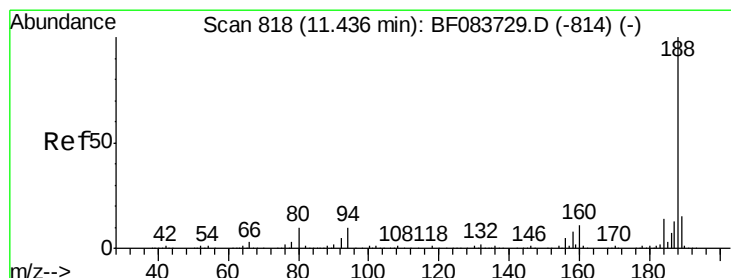
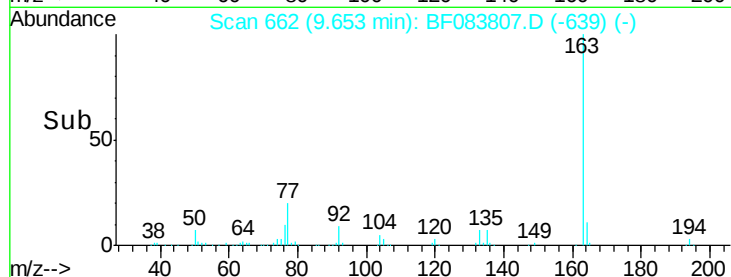
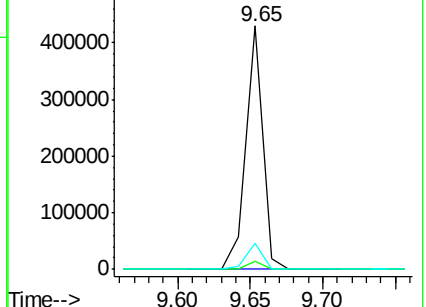
164 10.5 8.6 13.0



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: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF083807.D

Acq: 15 Dec 2015 9:38

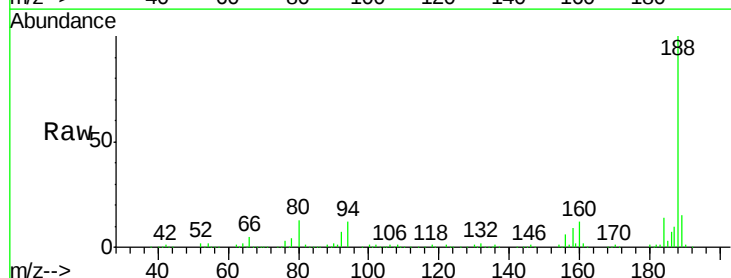
Tgt Ion:188 Resp: 337092

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.2

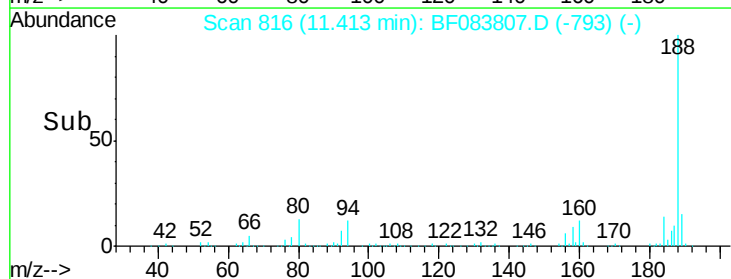
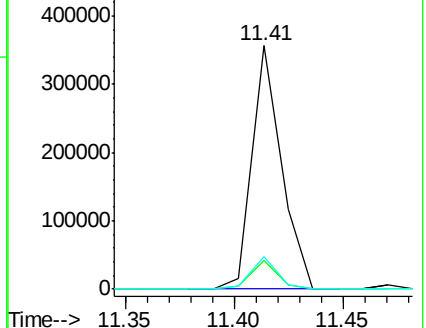
80 13.4 10.6 16.0

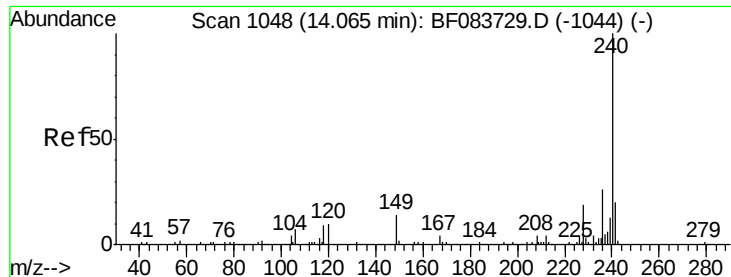


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF083807.D

Acq: 15 Dec 2015 9:38

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL

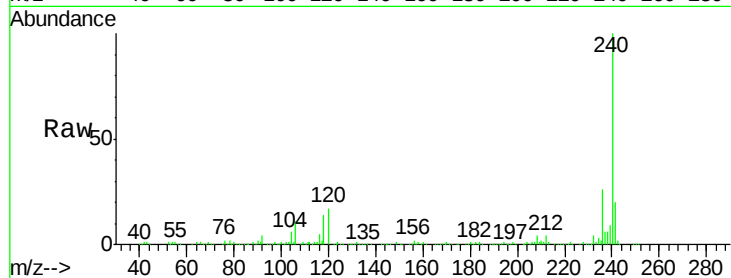
Tot Ion:240 Resp: 230481

Ion Ratio Lower Upper

240 100

120 16.5 8.1 12.1#

236 26.0 20.8 31.2

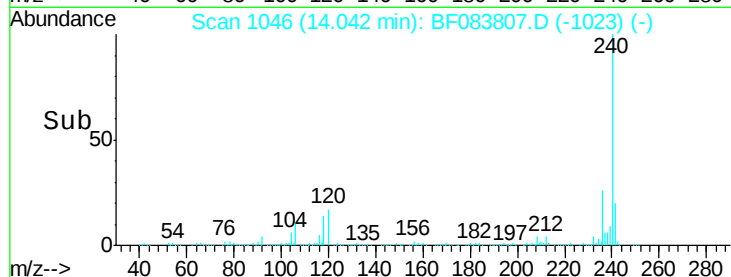


Abundance Ion 240.00 (239.70 to 240.70): E

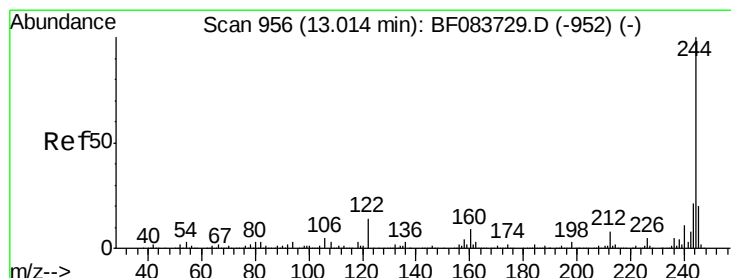
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.04



Time-->



#78

Terphenyl-d14

Concen: 76.35 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083807.D

Acq: 15 Dec 2015 9:38

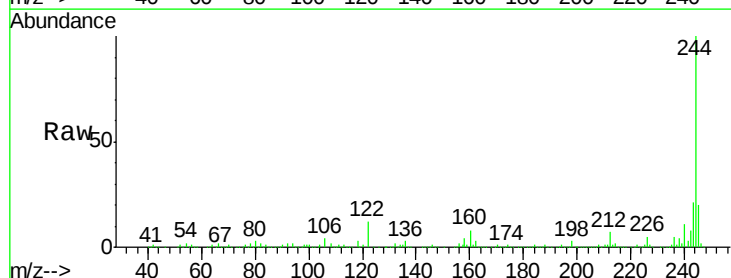
Tgt Ion:244 Resp: 818078

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 12.4 11.0 16.6

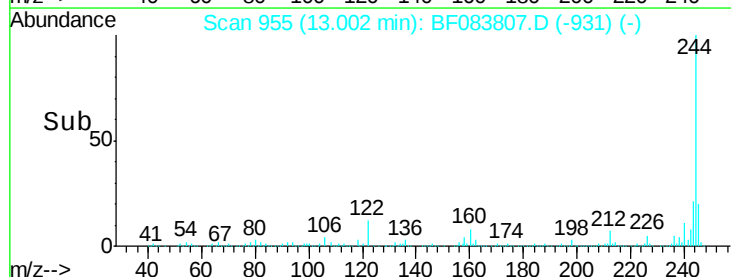


Abundance Ion 244.00 (243.70 to 244.70): E

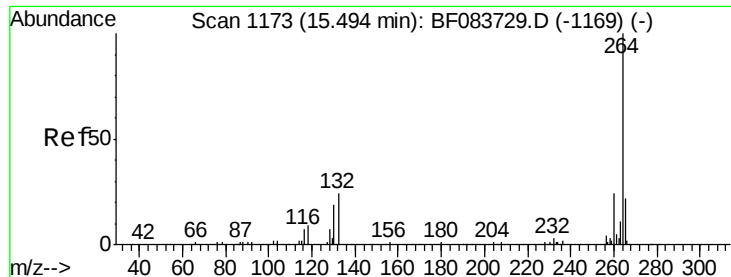
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.00



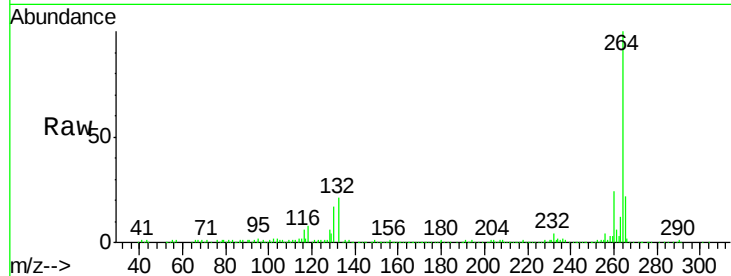
Time-->



#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083807.D
 Acq: 15 Dec 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	22.0	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

