

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083962.D
 Acq On : 19 Dec 2015 18:47
 Operator : UM/SJ
 Sample : G4855-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(78-115)COMPOSITE

Quant Time: Dec 21 03:38:45 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

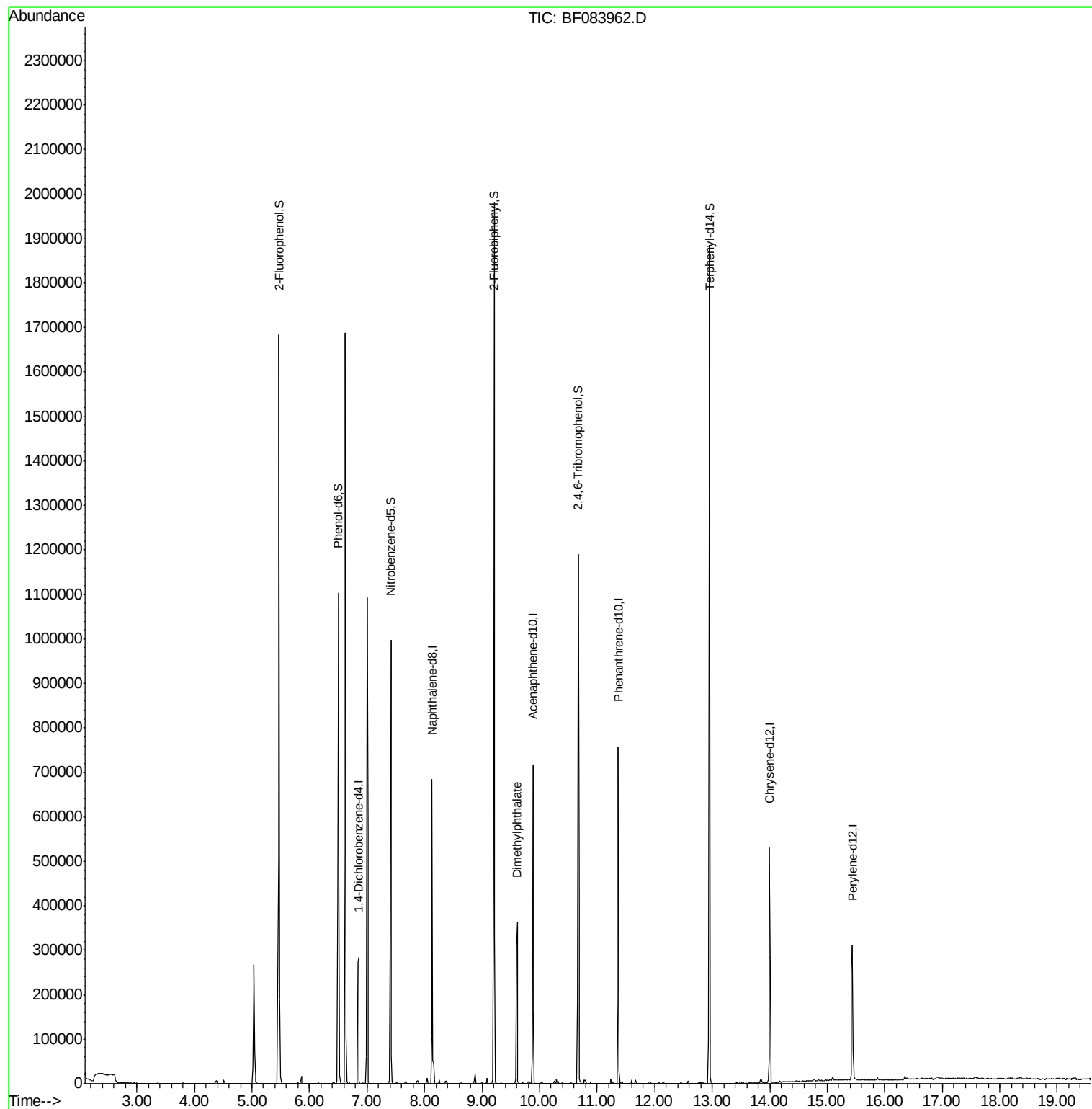
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	66830	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	297588	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	140311	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	270296	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	215383	20.00	ng	-0.03
86) Perylene-d12	15.44	264	163025	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	487376	114.13	ng	-0.01
7) Phenol-d6	6.50	99	545476	104.36	ng	-0.01
23) Nitrobenzene-d5	7.41	82	342072	65.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	159682	103.30	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	638270	61.09	ng	-0.03
78) Terphenyl-d14	12.96	244	756571	81.90	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	225734	19.17	ng	# 91

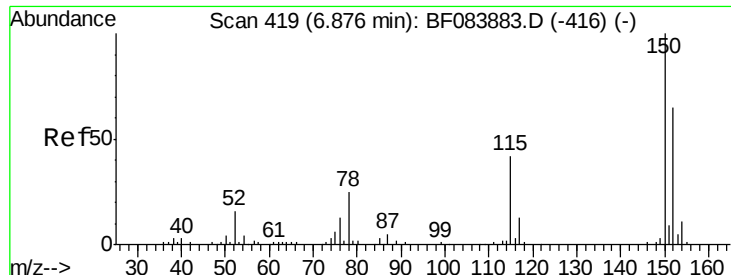
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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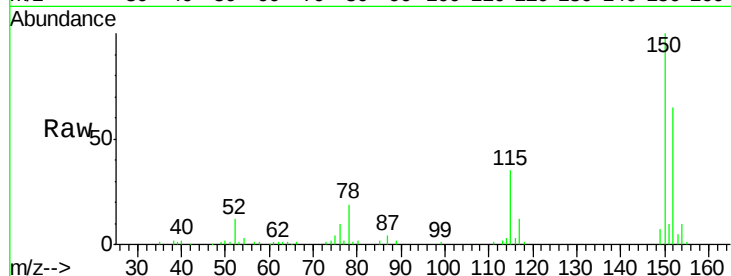


#1

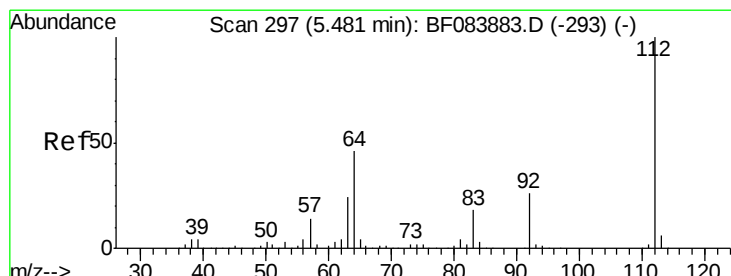
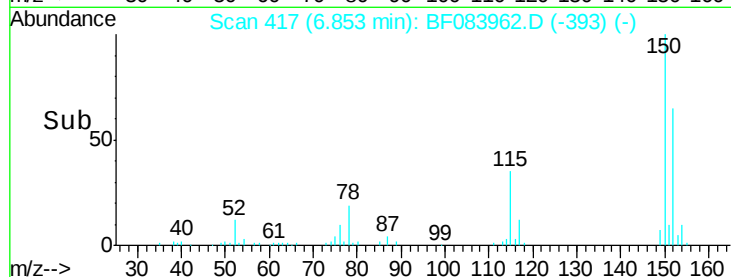
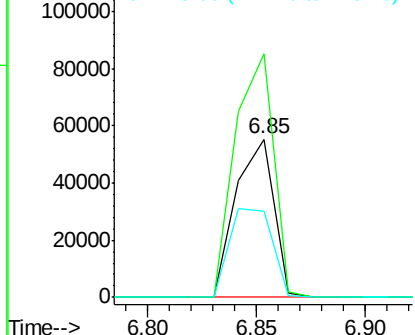
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083962.D
Acq: 19 Dec 2015 18:47

Instrument :
BNA_F
ClientSampleId :
DRUM(78-115)COMPOSITE

Tot Ion:152 Resp: 66830
Ion Ratio Lower Upper
152 100
150 154.0 123.0 184.4
115 54.3 51.4 77.2



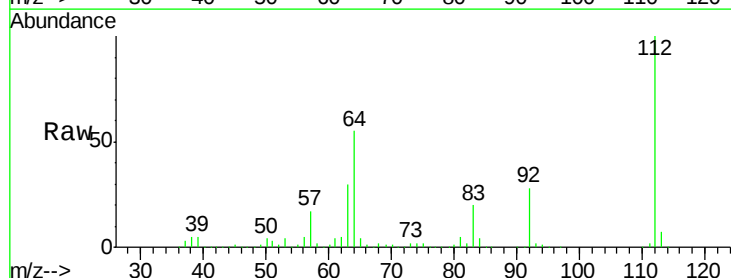
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



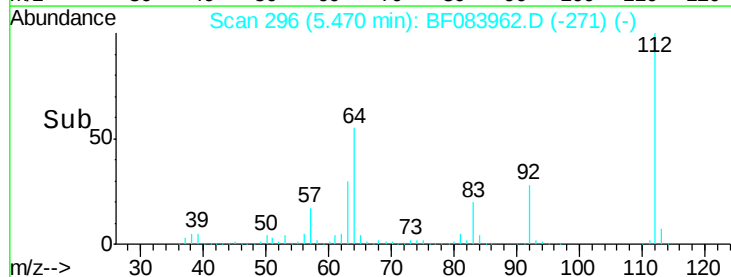
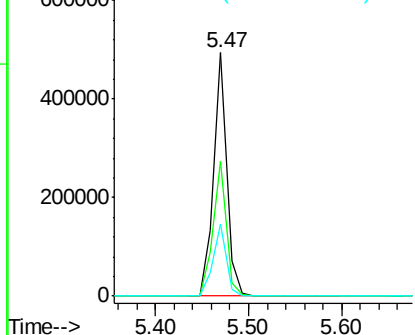
#5

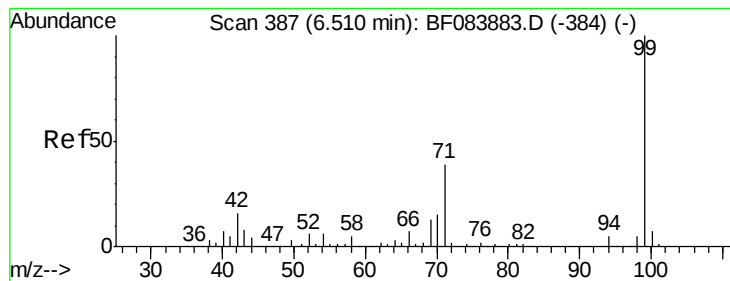
2-Fluorophenol
Concen: 114.13 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF083962.D
Acq: 19 Dec 2015 18:47

Tgt Ion:112 Resp: 487376
Ion Ratio Lower Upper
112 100
64 55.1 36.6 55.0#
63 29.7 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: 104.36 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083962.D

Acq: 19 Dec 2015 18:47

Instrument :

BNA_F

ClientSampleId :

DRUM(78-115)COMPOSITE

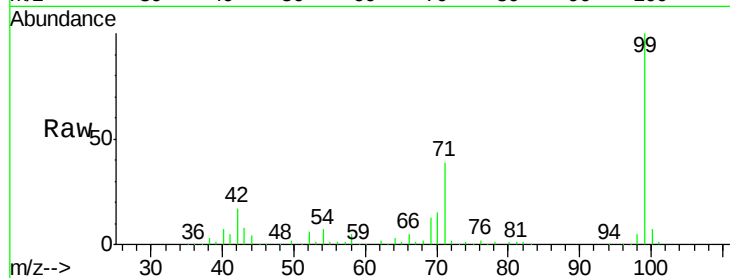
Tot Ion: 99 Resp: 545476

Ion Ratio Lower Upper

99 100

42 16.5 12.8 19.2

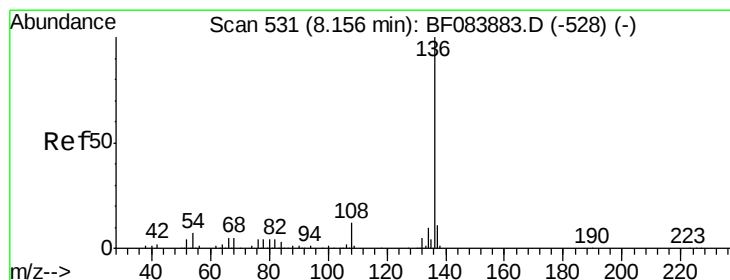
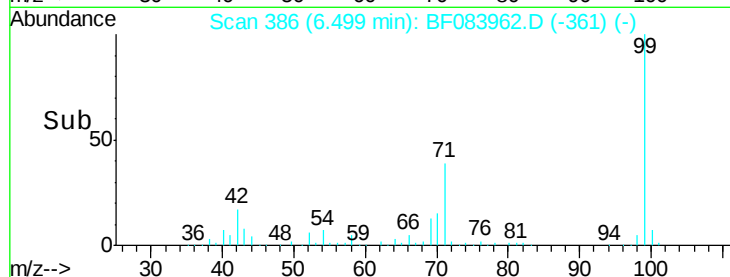
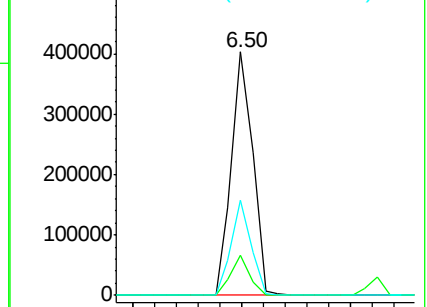
71 39.2 30.9 46.3



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: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF083962.D

Acq: 19 Dec 2015 18:47

Tgt Ion: 136 Resp: 297588

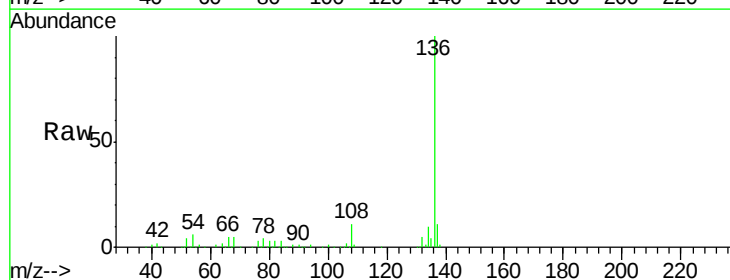
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 5.8 5.8 8.8#

68 4.5 4.2 6.2

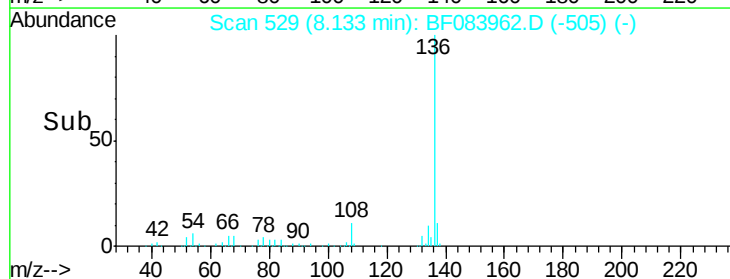
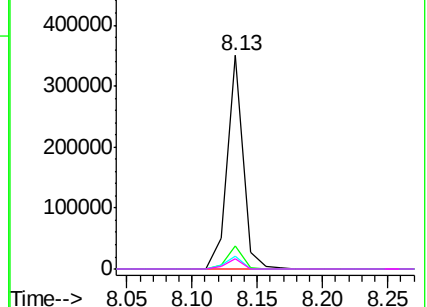


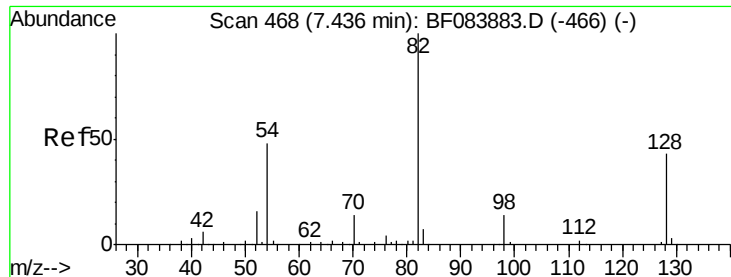
Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.60 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF083962.D

Acq: 19 Dec 2015 18:47

Instrument :

BNA_F

ClientSampleId :

DRUM(78-115)COMPOSITE

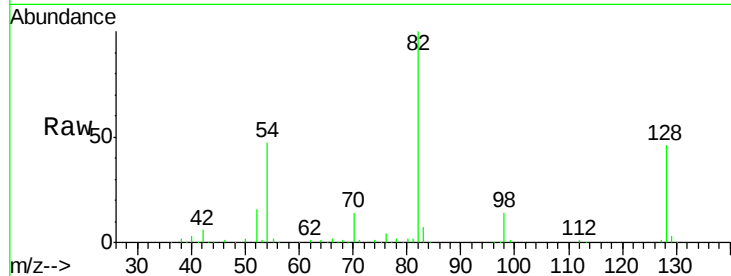
Tot Ion: 82 Resp: 342072

Ion Ratio Lower Upper

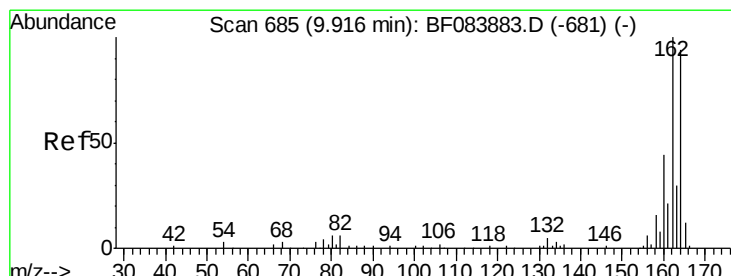
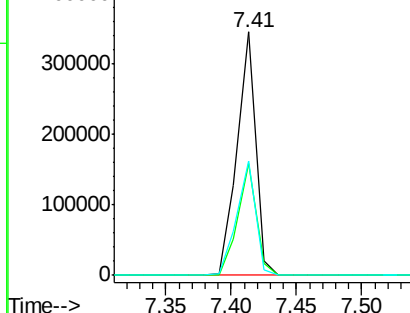
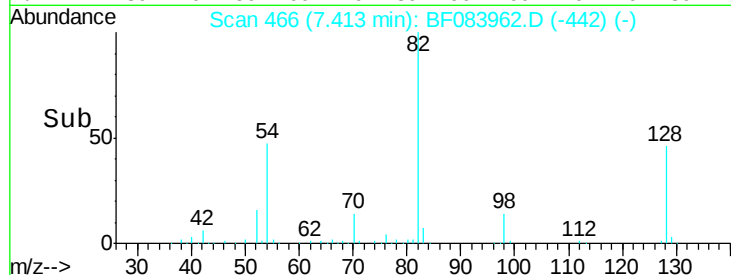
82 100

128 46.2 34.6 51.8

54 47.0 38.4 57.6



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: 9.88 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF083962.D

Acq: 19 Dec 2015 18:47

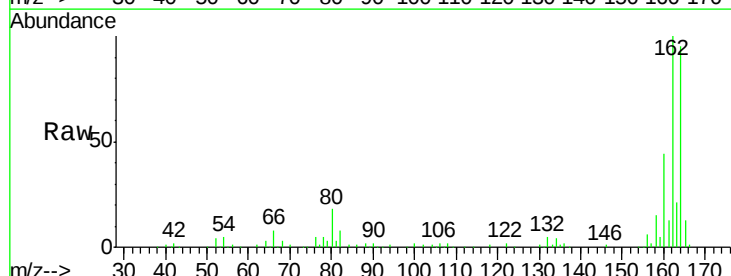
Tgt Ion:164 Resp: 140311

Ion Ratio Lower Upper

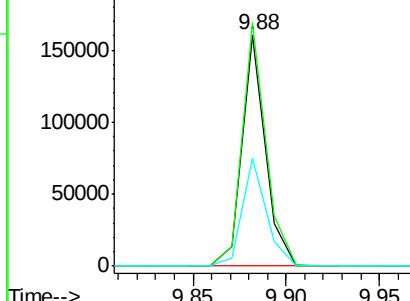
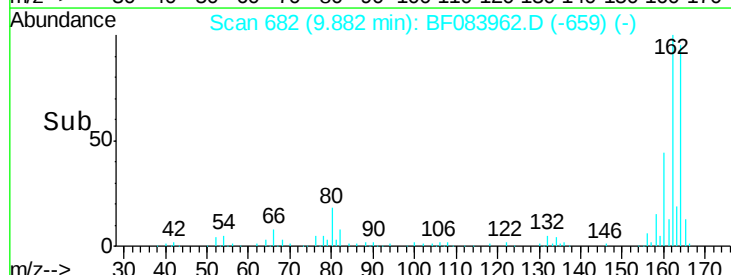
164 100

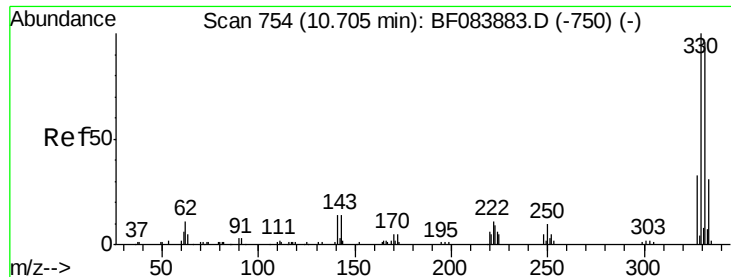
162 105.3 85.1 127.7

160 46.8 37.5 56.3



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

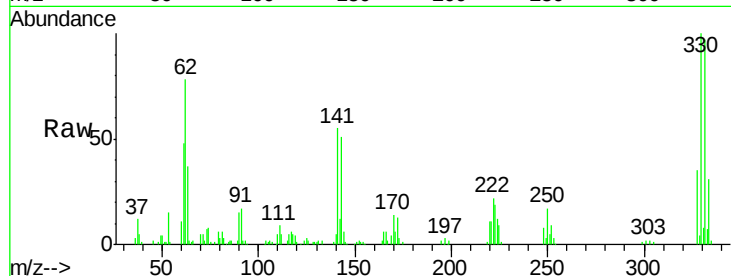




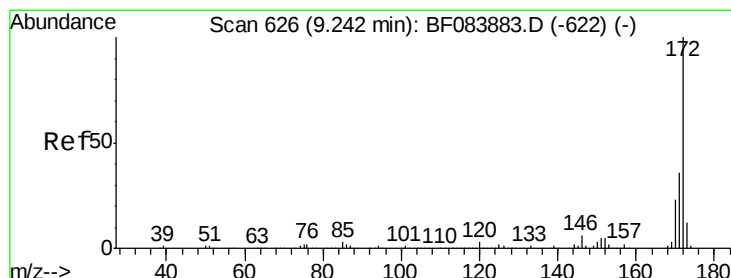
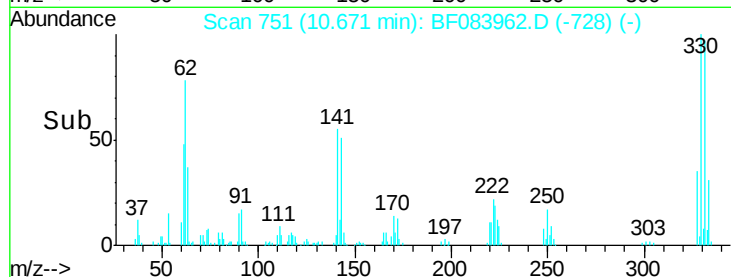
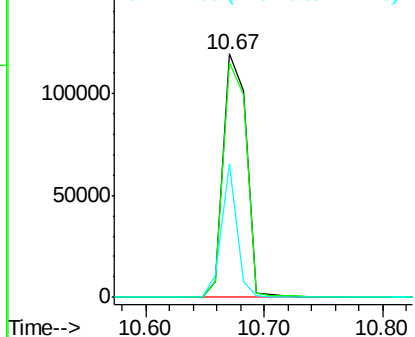
#41
 2,4,6-Tribromophenol
 Concen: 103.30 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF083962.D
 Acq: 19 Dec 2015 18:47

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(78-115)COMPOSITE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	36.4	27.8	41.6

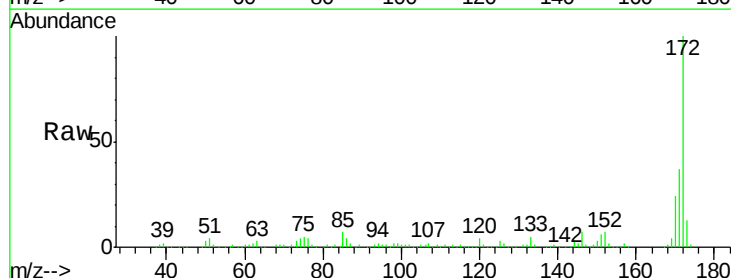


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

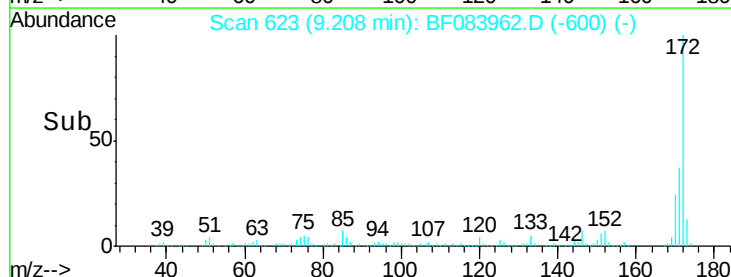
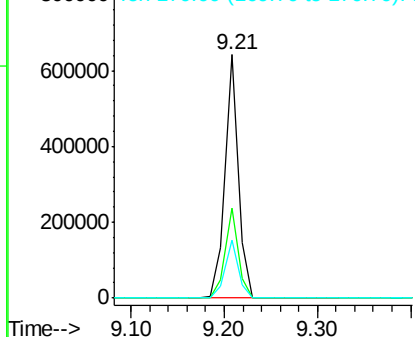


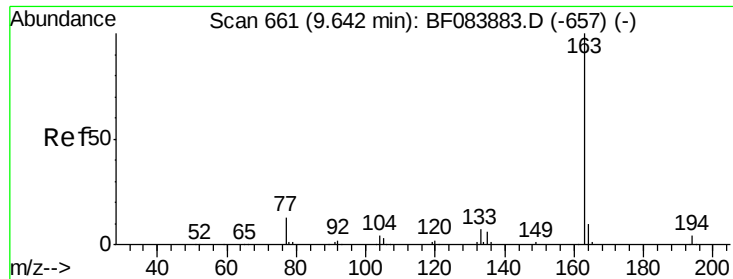
#44
 2-Fluorobiphenyl
 Concen: 61.09 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083962.D
 Acq: 19 Dec 2015 18:47

Tgt 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

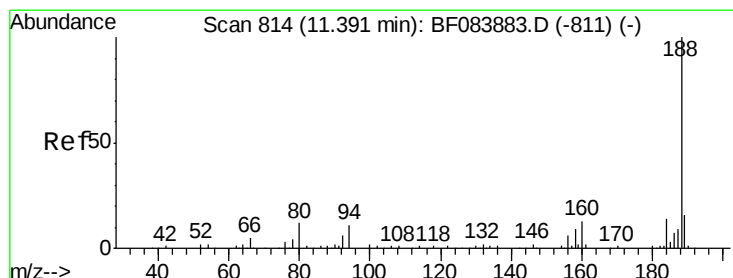
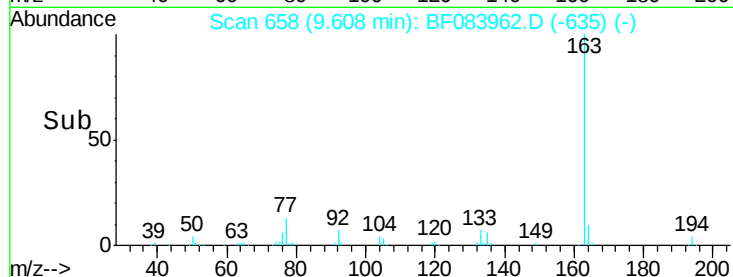
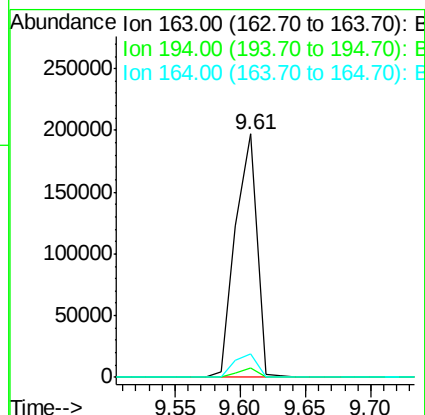
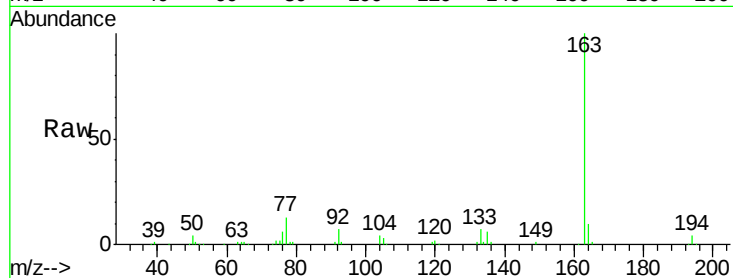




#49
Dimethylphthalate
Concen: 19.17 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF083962.D
Acq: 19 Dec 2015 18:47

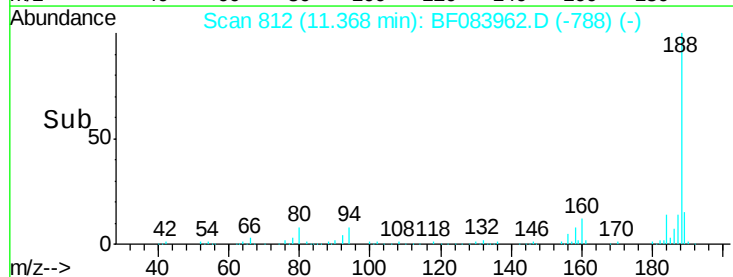
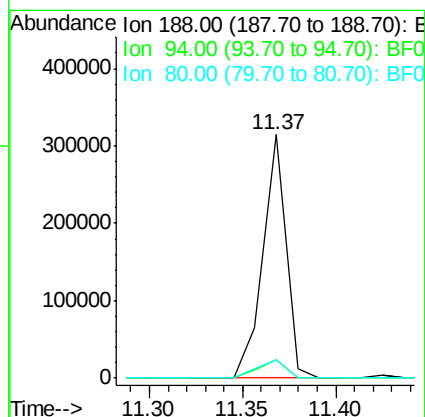
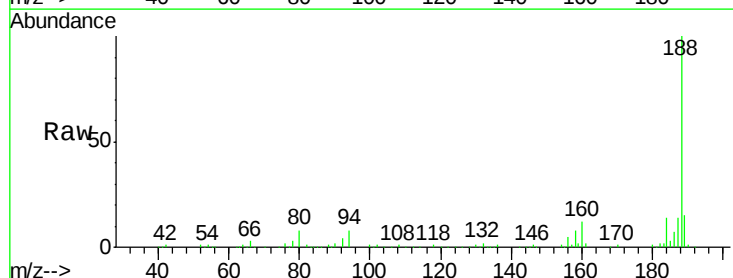
Instrument :
BNA_F
ClientSampleId :
DRUM(78-115)COMPOSITE

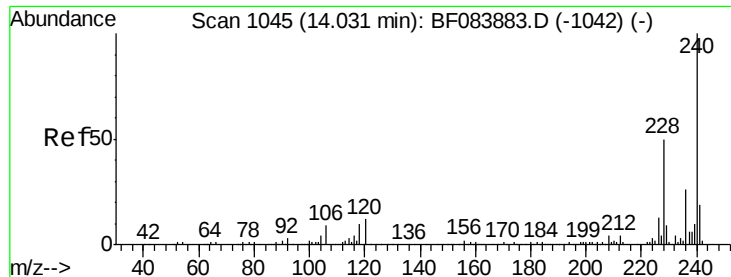
Tot Ion:163 Resp: 225734
Ion Ratio Lower Upper
163 100
194 3.8 8.0 12.0#
164 9.5 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083962.D
Acq: 19 Dec 2015 18:47

Tgt Ion:188 Resp: 270296
Ion Ratio Lower Upper
188 100
94 7.7 9.0 13.4#
80 7.6 9.6 14.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.03 min

Lab File: BF083962.D

Acq: 19 Dec 2015 18:47

Instrument :

BNA_F

ClientSampleId :

DRUM(78-115)COMPOSITE

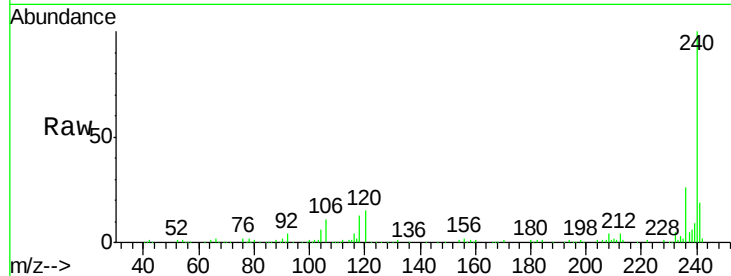
Tot Ion:240 Resp: 215383

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

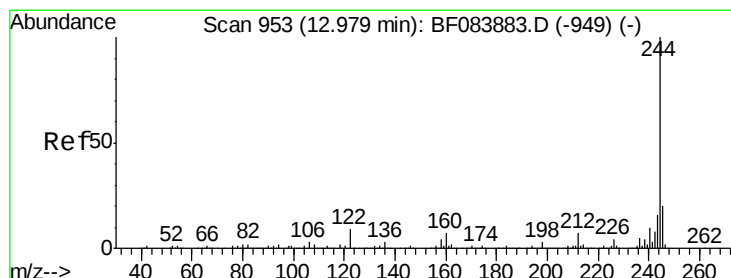
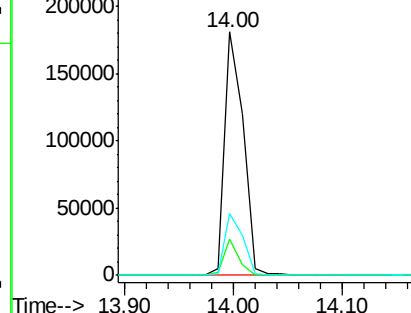
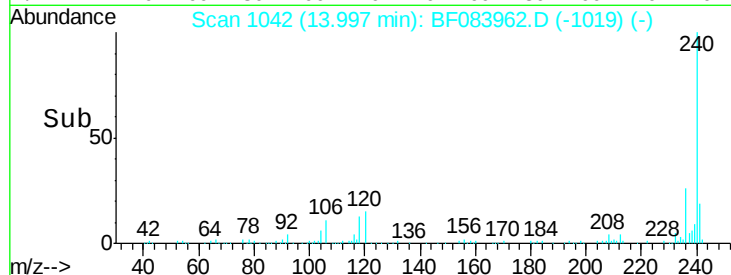
236 25.6 20.6 31.0



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: 81.90 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF083962.D

Acq: 19 Dec 2015 18:47

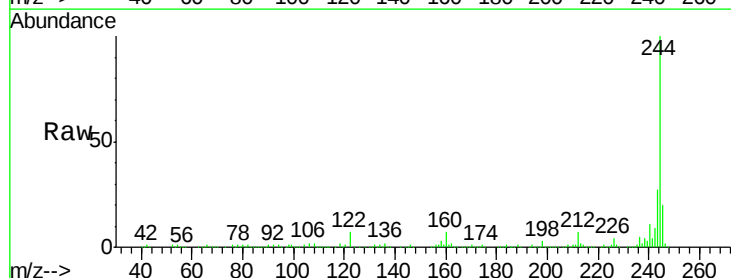
Tgt Ion:244 Resp: 756571

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

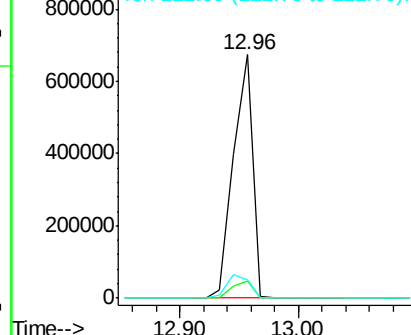
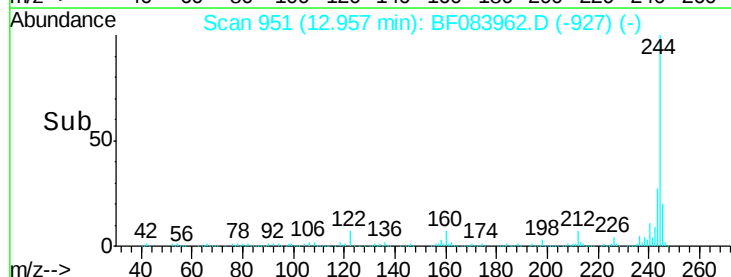
122 7.5 7.4 11.0

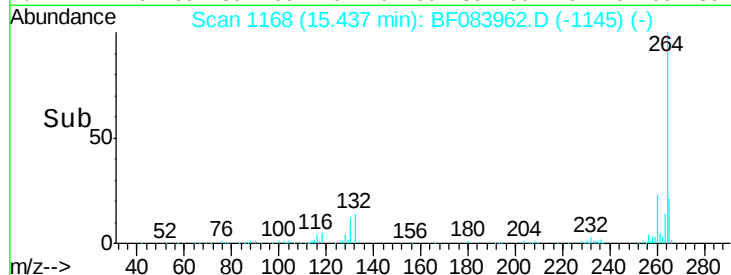
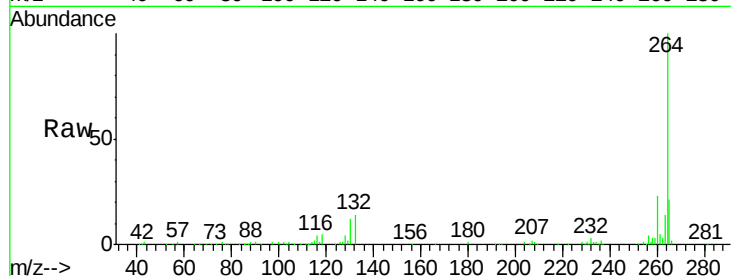
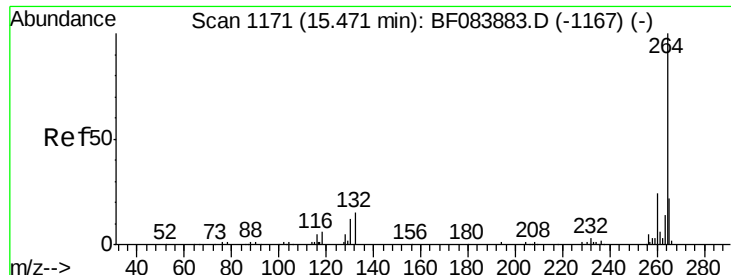


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 1168
 Delta R.T. -0.03 min
 Lab File: BF083962.D
 Acq: 19 Dec 2015 18:47

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(78-115)COMPOSITE

Tot Ion:	264	Resp:	163025
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	20.9	17.8	26.6

