

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083714.D
 Acq On : 12 Dec 2015 00:15
 Operator : UM/IZ
 Sample : G4701-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1511243912

Quant Time: Dec 12 02:55:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 19:24:37 2015
 Response via : Initial Calibration

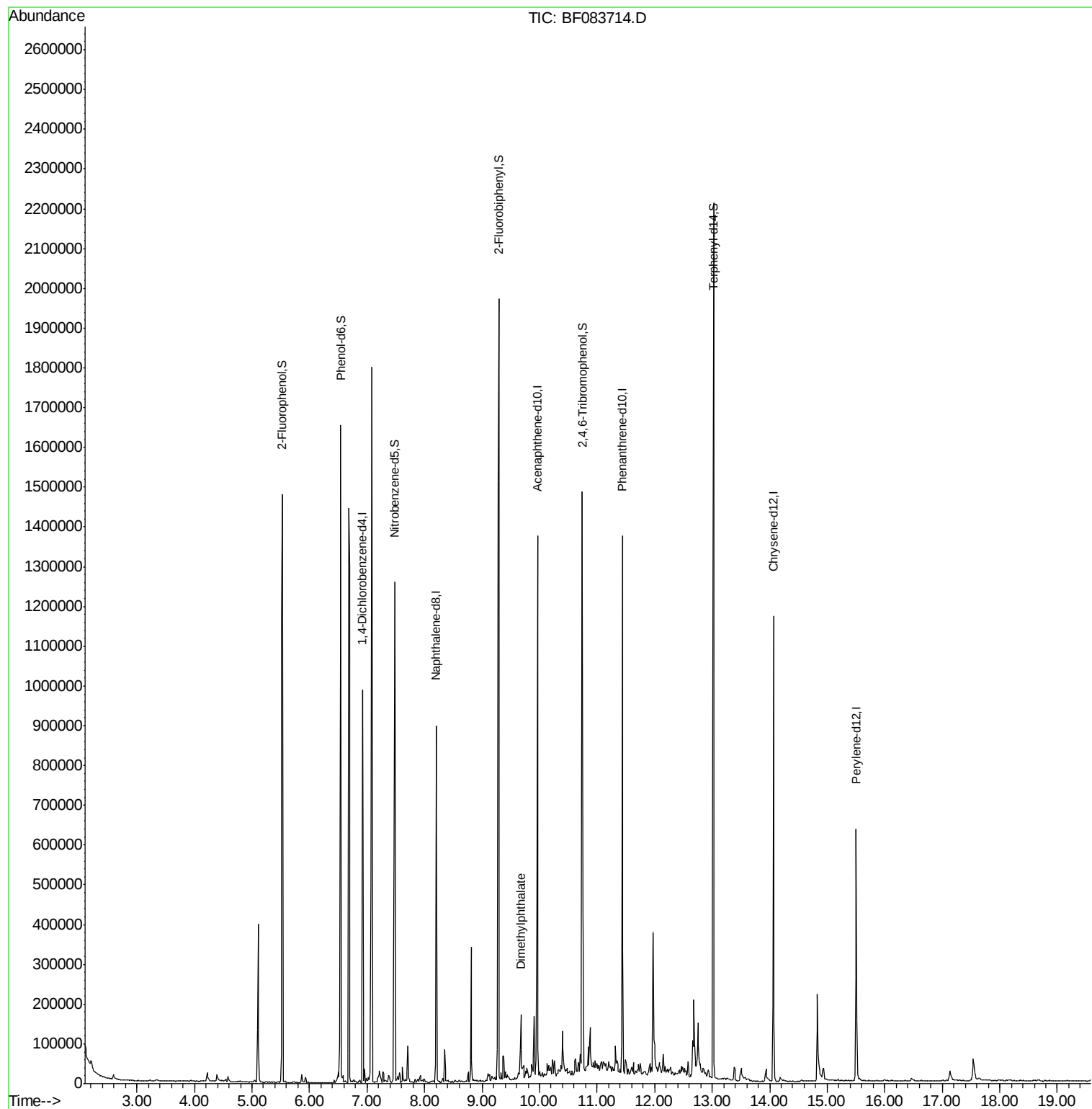
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	139815	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	528655	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	264455	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	468719	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	376348	20.00	ng	-0.01
86) Perylene-d12	15.51	264	274659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	567733	62.54	ng	0.00
7) Phenol-d6	6.54	99	759270	67.72	ng	0.00
23) Nitrobenzene-d5	7.48	82	437853	56.17	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	168646	65.88	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	843841	47.00	ng	0.00
78) Terphenyl-d14	13.02	244	814721	48.61	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.68	163	64183	3.15	ng	96

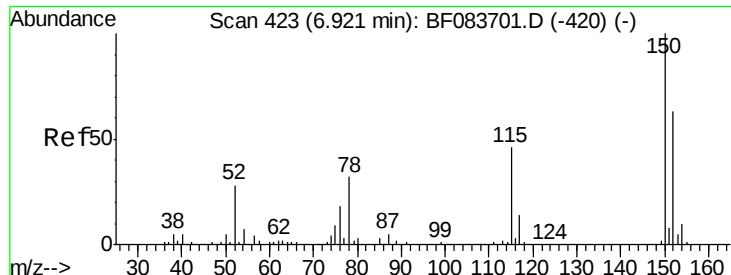
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083714.D

Acq: 12 Dec 2015 00:15

Instrument :

BNA_F

ClientSampleId :

1511243912

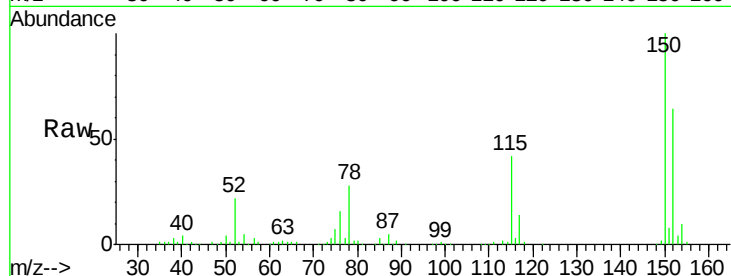
Tot Ion:152 Resp: 139815

Ion Ratio Lower Upper

152 100

150 157.0 126.5 189.7

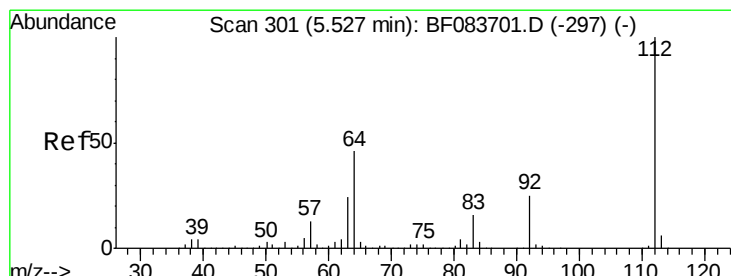
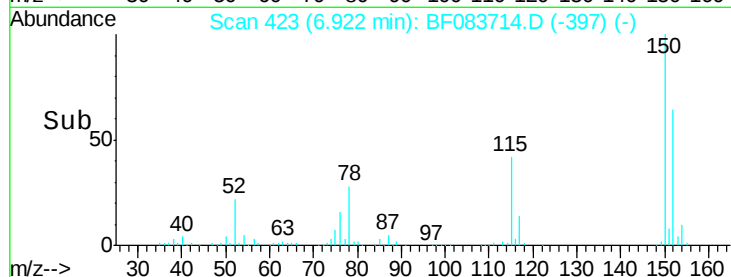
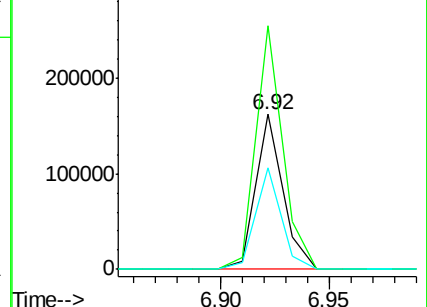
115 65.6 52.3 78.5



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: 62.54 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083714.D

Acq: 12 Dec 2015 00:15

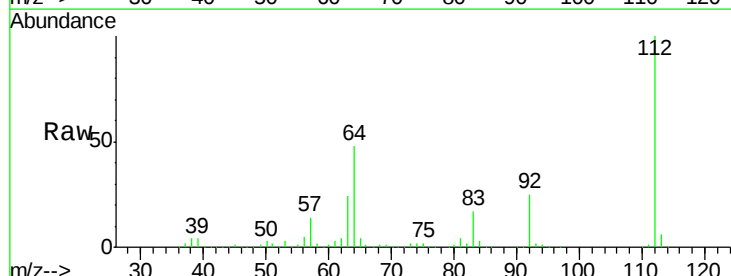
Tgt Ion:112 Resp: 567733

Ion Ratio Lower Upper

112 100

64 48.0 50.5 75.7#

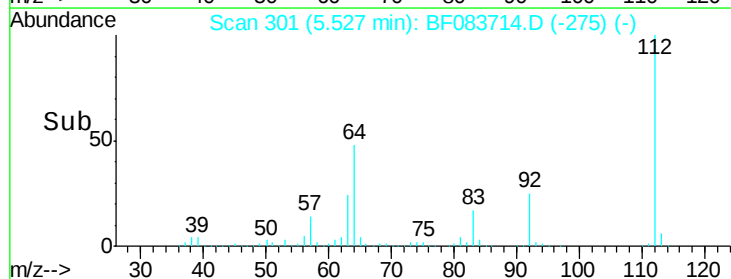
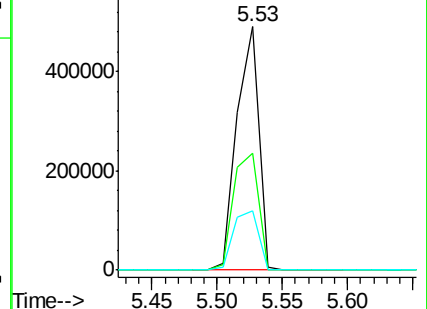
63 24.3 25.8 38.6#

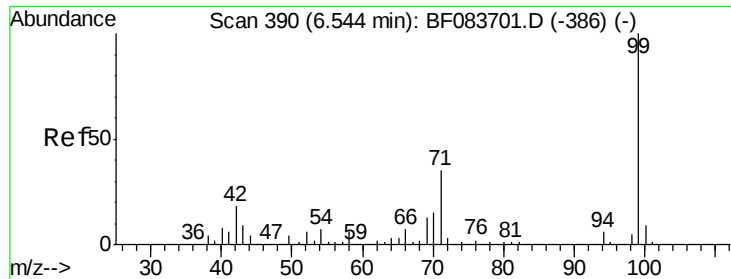


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 67.72 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083714.D

Acq: 12 Dec 2015 00:15

Instrument :

BNA_F

ClientSampleId :

1511243912

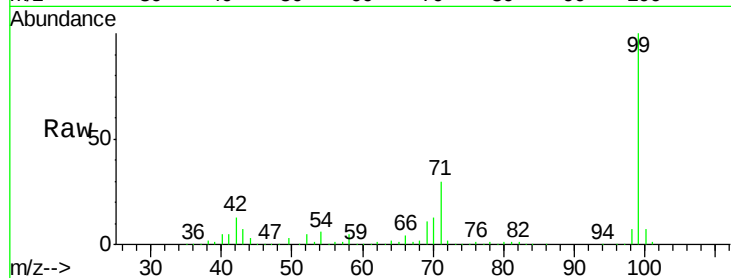
Tot Ion: 99 Resp: 759270

Ion Ratio Lower Upper

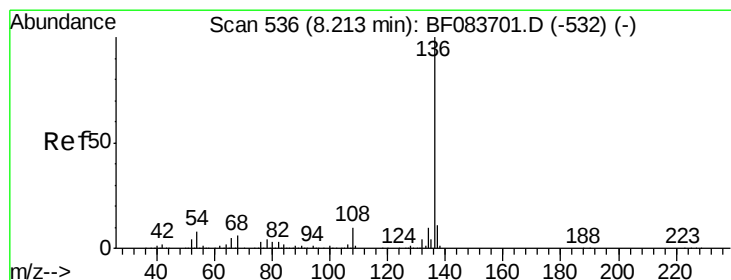
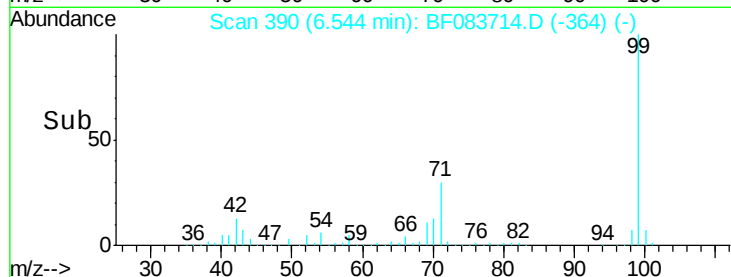
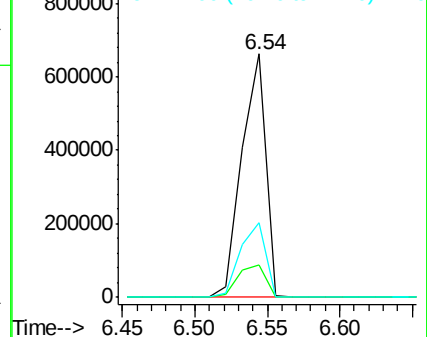
99 100

42 13.1 17.3 25.9#

71 30.5 26.6 40.0



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: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083714.D

Acq: 12 Dec 2015 00:15

Tgt Ion: 136 Resp: 528655

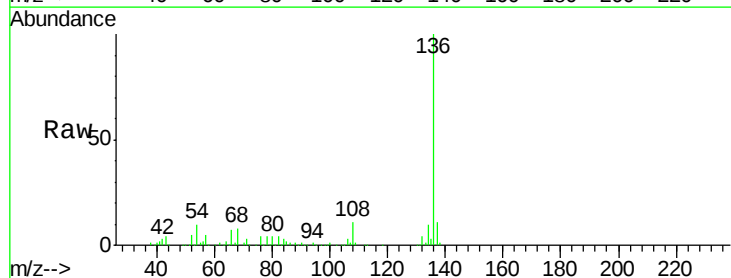
Ion Ratio Lower Upper

136 100

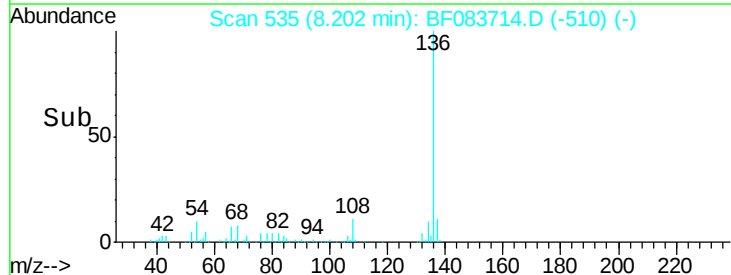
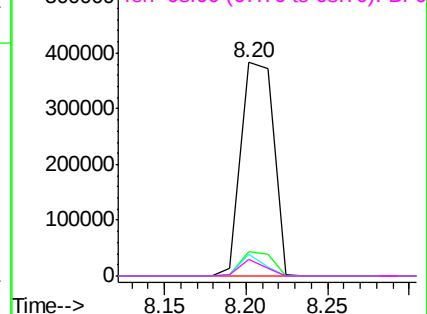
137 11.4 8.7 13.1

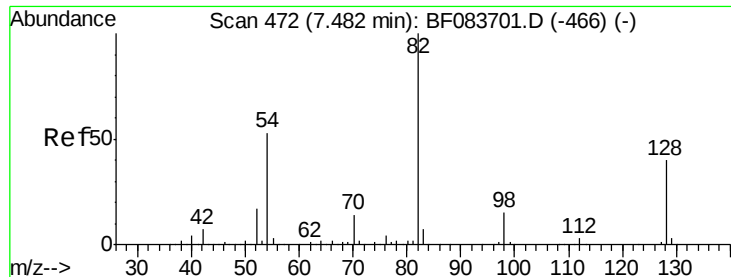
54 10.2 7.8 11.6

68 7.7 5.7 8.5



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

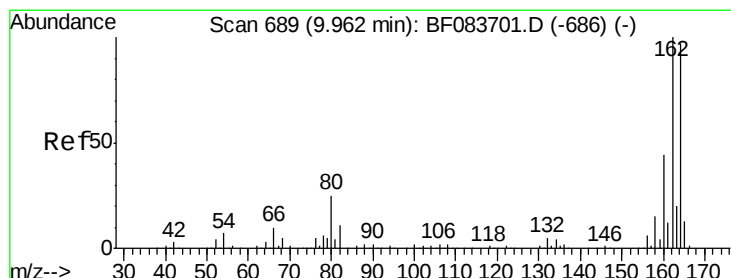
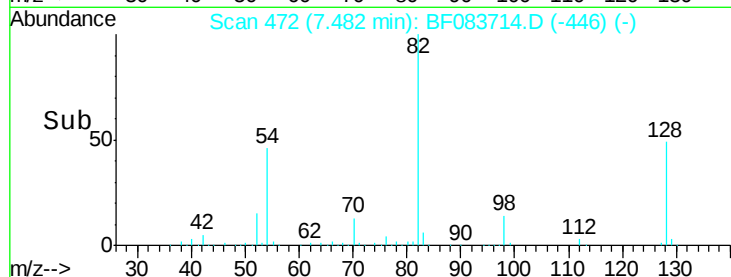
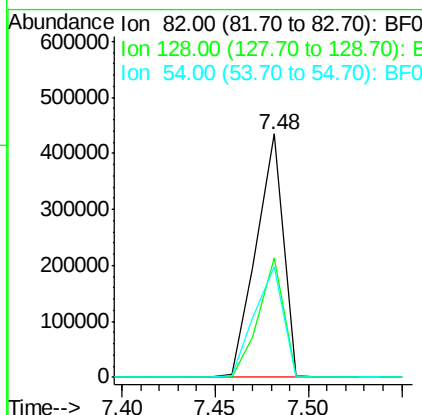
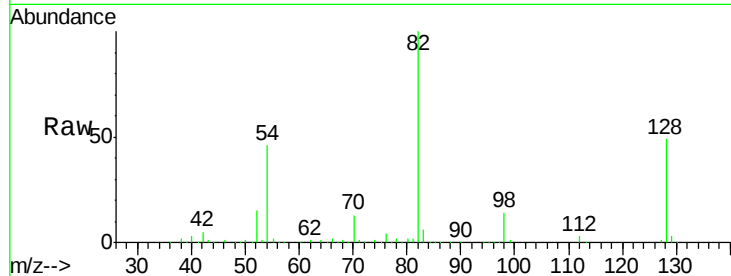




#23
 Nitrobenzene-d5
 Concen: 56.17 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083714.D
 Acq: 12 Dec 2015 00:15

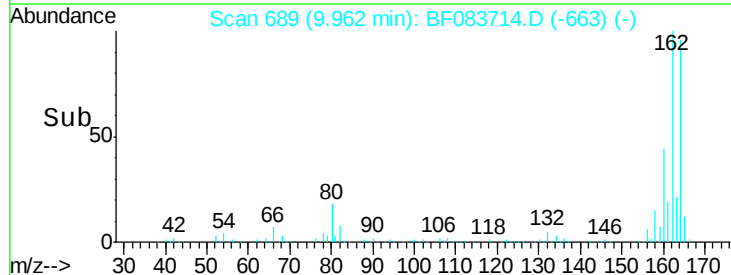
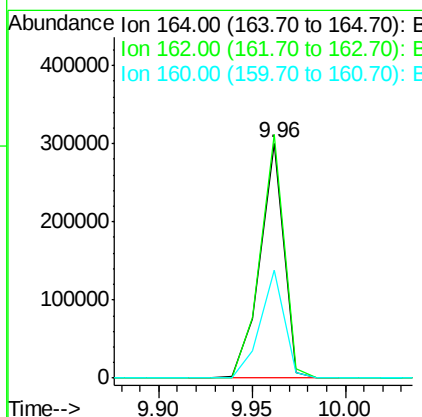
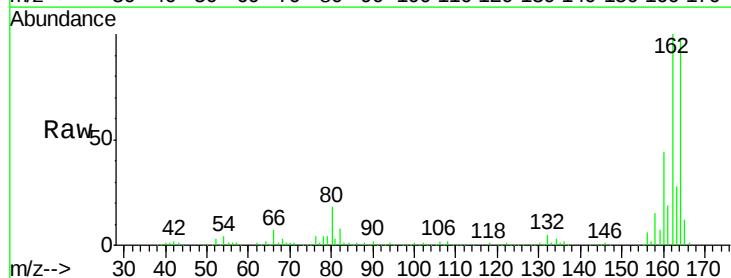
Instrument :
 BNA_F
 ClientSampleId :
 1511243912

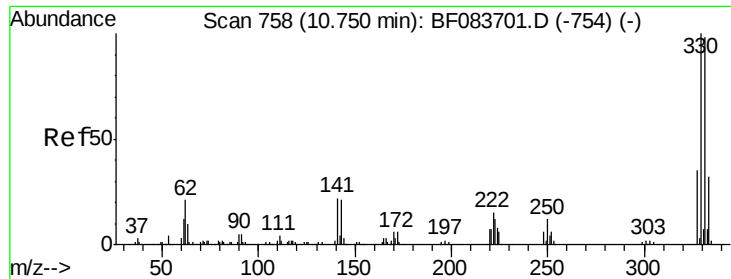
Tot Ion	82	Resp	437853
Ion Ratio	100	Lower	Upper
128	48.8	30.7	46.1#
54	45.6	42.5	63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF083714.D
 Acq: 12 Dec 2015 00:15

Tgt Ion	164	Resp	264455
Ion Ratio	100	Lower	Upper
162	103.6	78.8	118.2
160	46.0	33.4	50.2

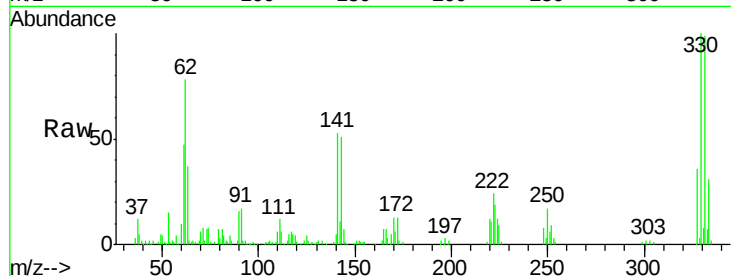




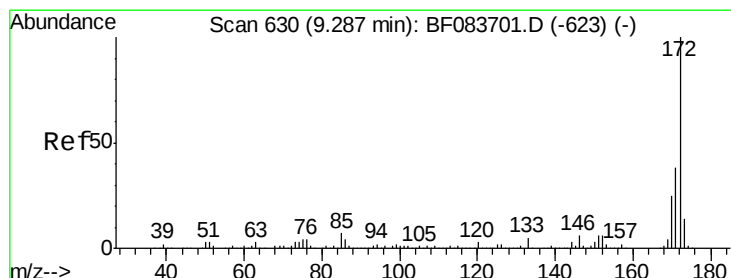
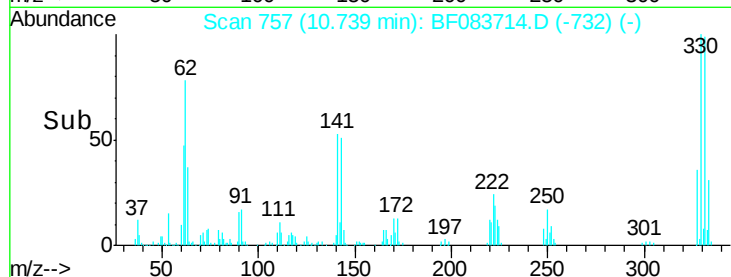
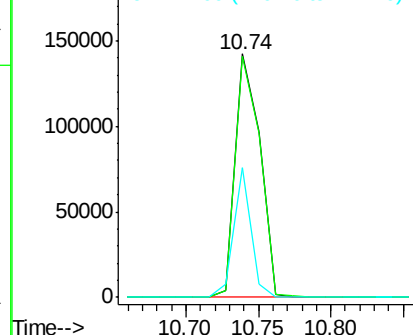
#41
 2,4,6-Tribromophenol
 Concen: 65.88 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083714.D
 Acq: 12 Dec 2015 00:15

Instrument :
 BNA_F
 ClientSampleId :
 1511243912

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	0.0	0.0#
141	37.9	0.0	0.0#

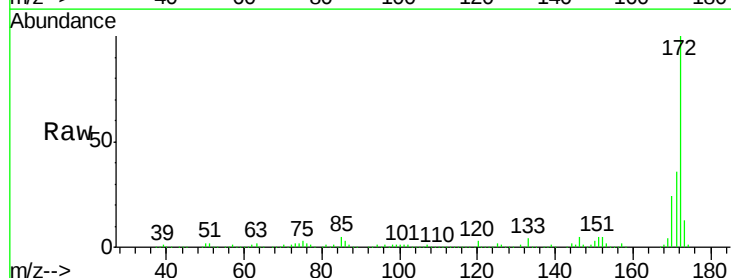


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

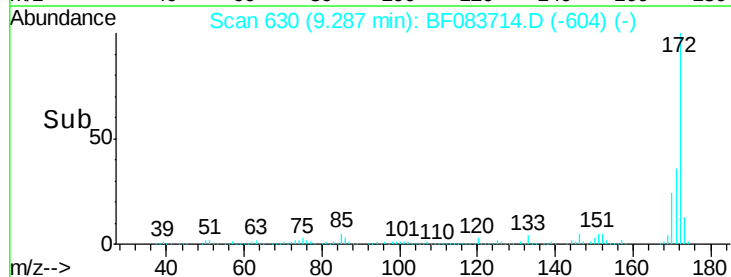
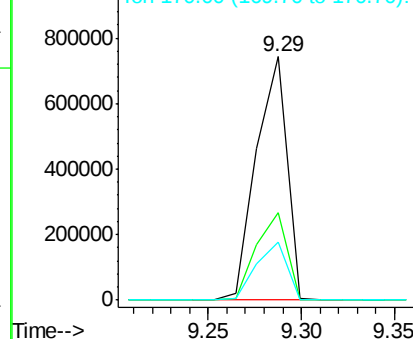


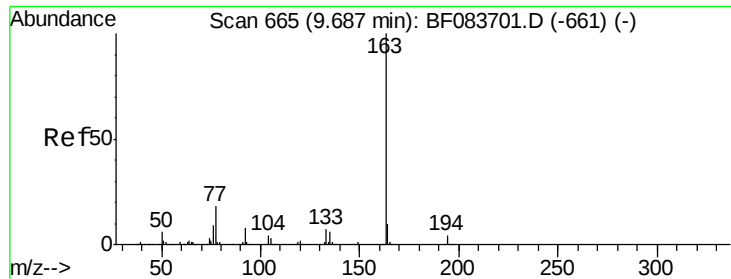
#44
 2-Fluorobiphenyl
 Concen: 47.00 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083714.D
 Acq: 12 Dec 2015 00:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.8	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

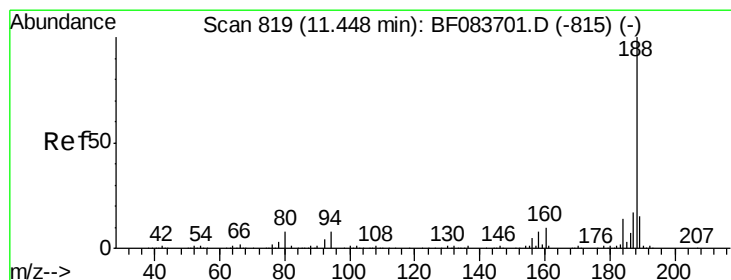
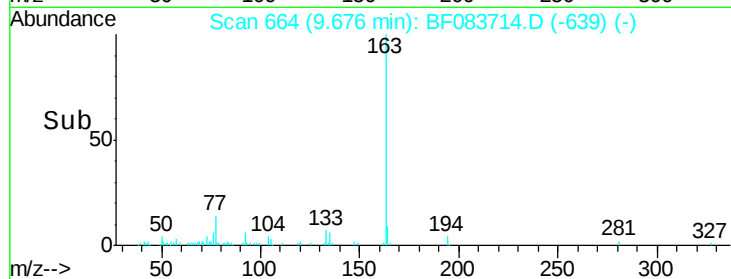
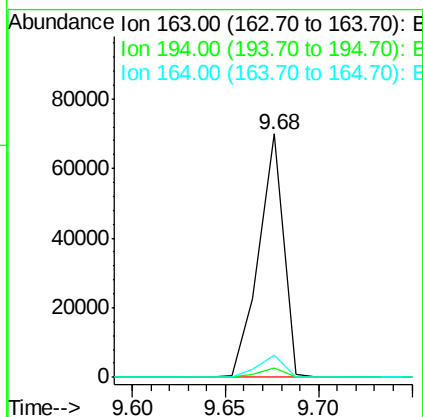
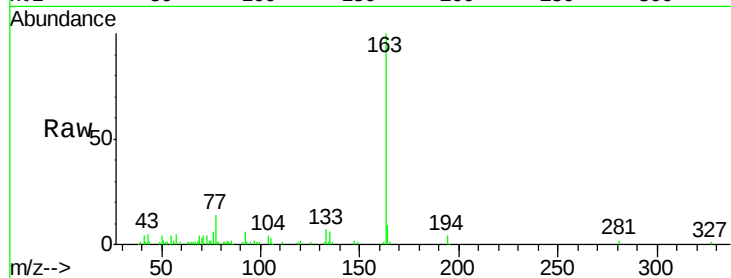




#49
Dimethylphthalate
Concen: 3.15 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF083714.D
Acq: 12 Dec 2015 00:15

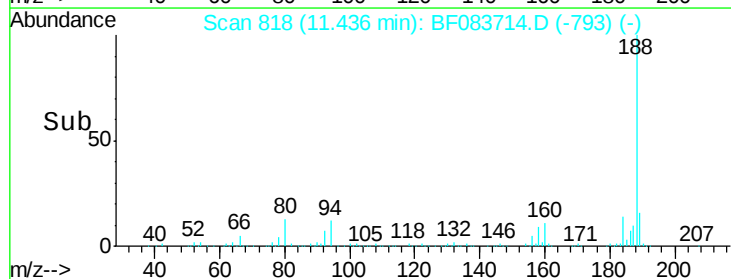
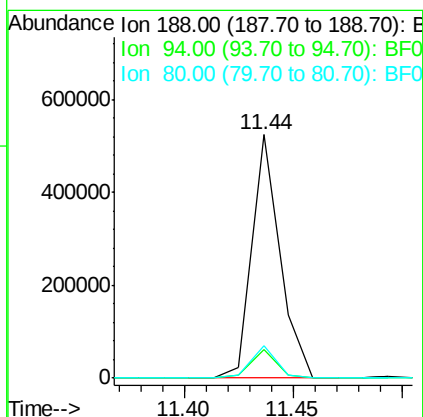
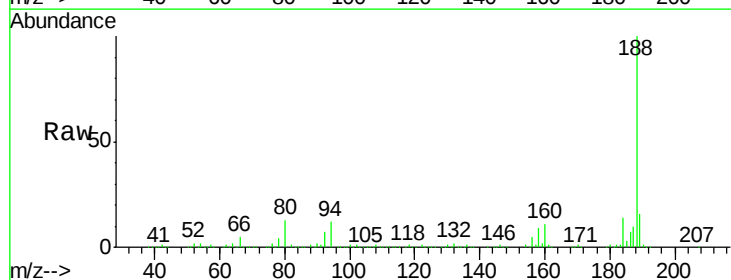
Instrument :
BNA_F
ClientSampleId :
1511243912

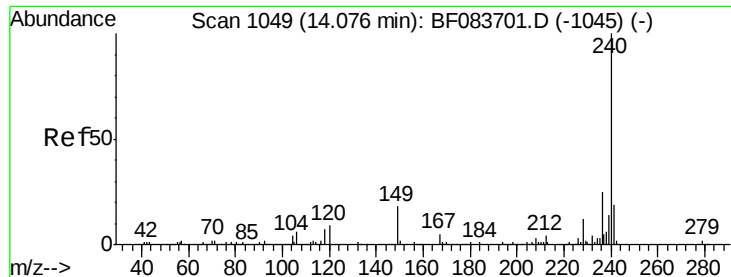
Tot Ion:163 Resp: 64183
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.1 8.6 13.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083714.D
Acq: 12 Dec 2015 00:15

Tgt Ion:188 Resp: 468719
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 13.1 10.6 16.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083714.D

Acq: 12 Dec 2015 00:15

Instrument :

BNA_F

ClientSampleId :

1511243912

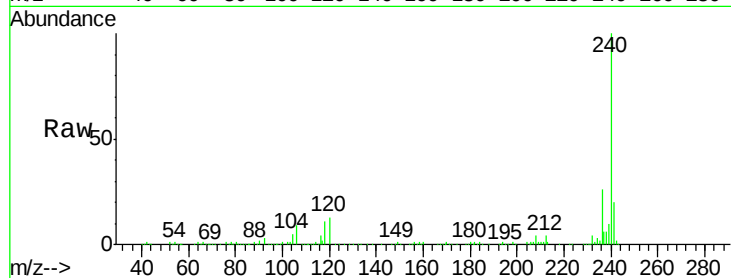
Tot Ion:240 Resp: 376348

Ion Ratio Lower Upper

240 100

120 13.1 8.1 12.1#

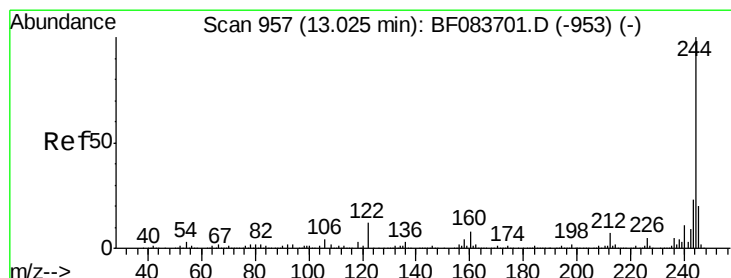
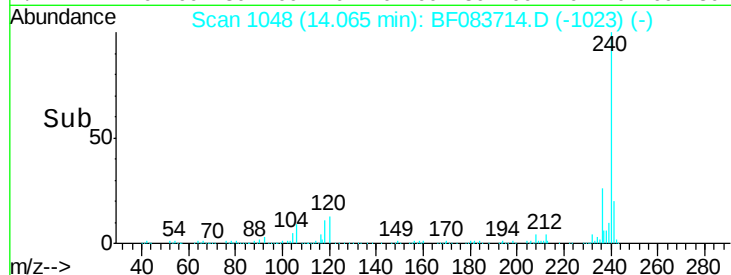
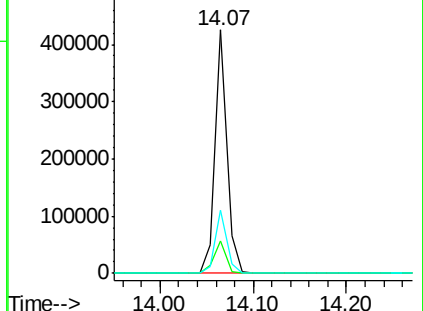
236 25.8 20.8 31.2



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



#78

Terphenyl-d14

Concen: 48.61 ng

RT: 13.02 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF083714.D

Acq: 12 Dec 2015 00:15

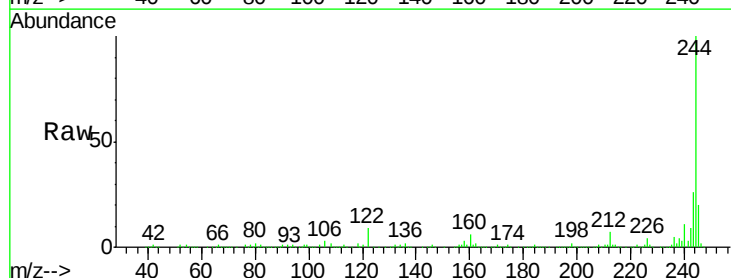
Tgt Ion:244 Resp: 814721

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

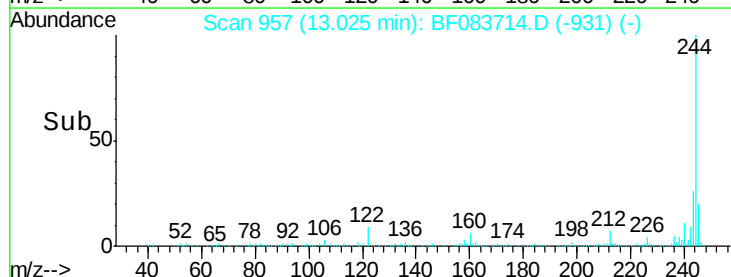
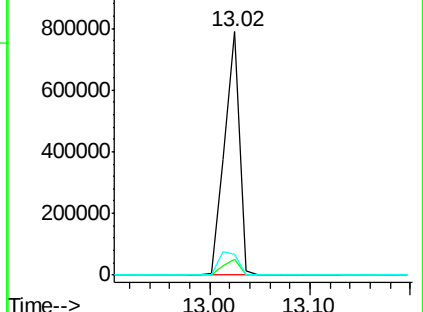
122 8.8 11.0 16.6#

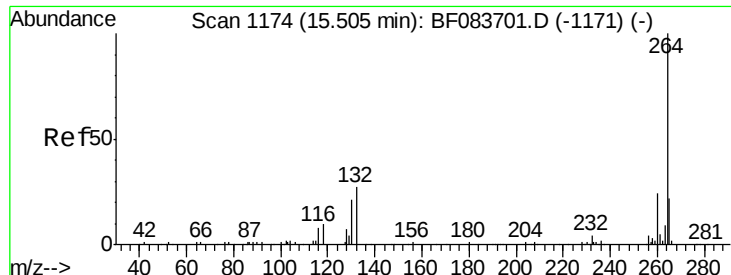


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

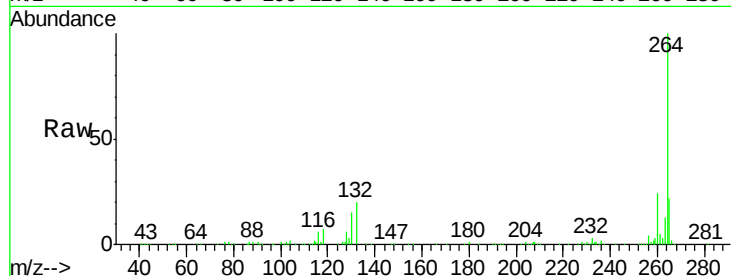




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083714.D
Acq: 12 Dec 2015 00:15

Instrument :
BNA_F
ClientSampleId :
1511243912

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
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

