

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081059.D
 Acq On : 19 Aug 2015 00:05
 Operator : UM/IZ
 Sample : G3289-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-4

Quant Time: Aug 19 01:50:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

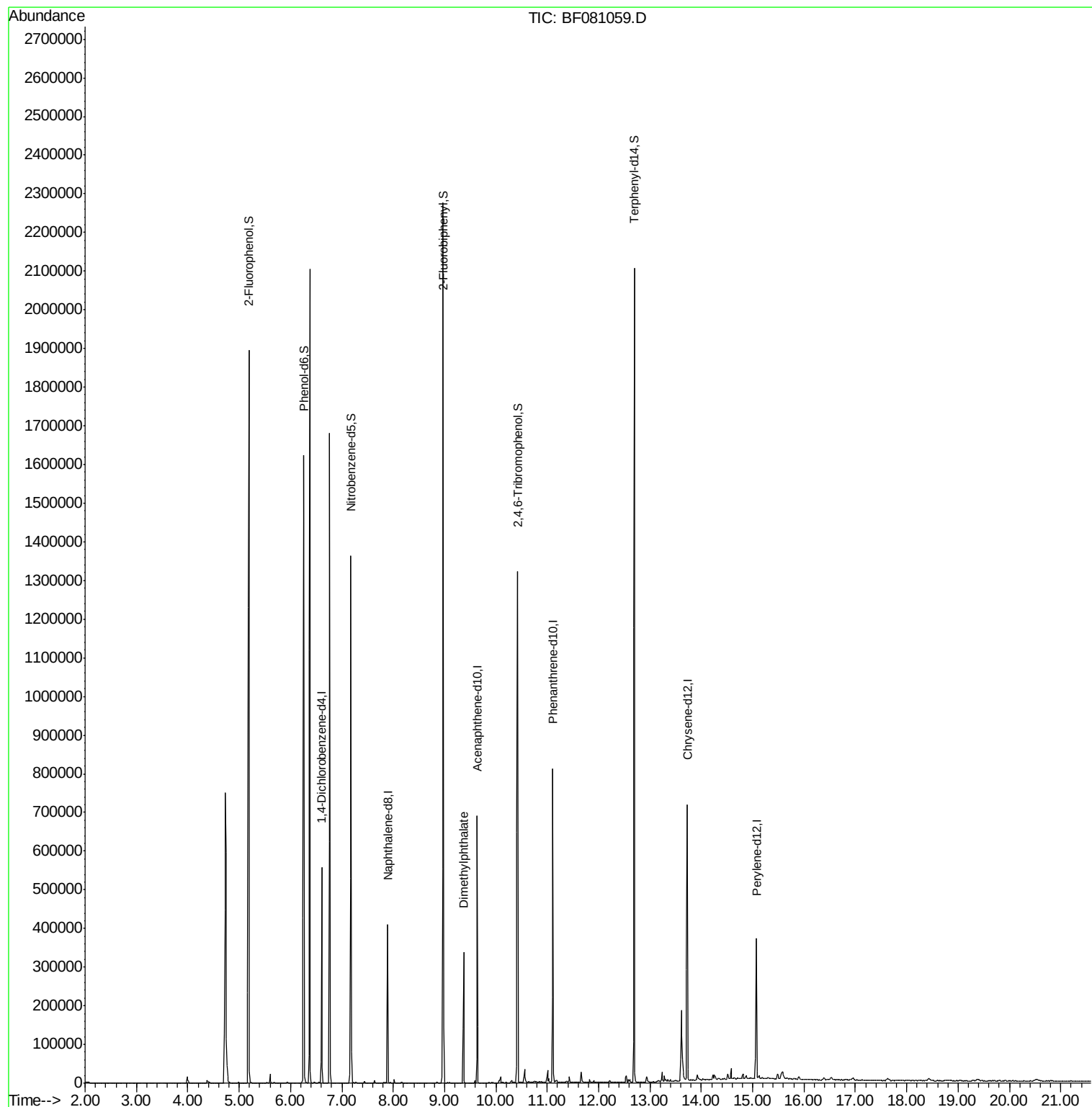
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	70988	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	267221	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	127426	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	286489	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	257099	20.00	ng	-0.02
86) Perylene-d12	15.07	264	199648	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	584132	123.77	ng	0.00
7) Phenol-d6	6.26	99	836265	135.80	ng	0.00
23) Nitrobenzene-d5	7.18	82	452843	77.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	127821	115.72	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	647047	66.53	ng	-0.02
78) Terphenyl-d14	12.70	244	734412	61.24	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.37	163	147930	14.10	ng	99

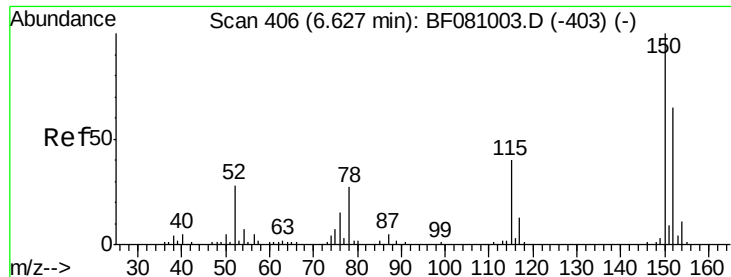
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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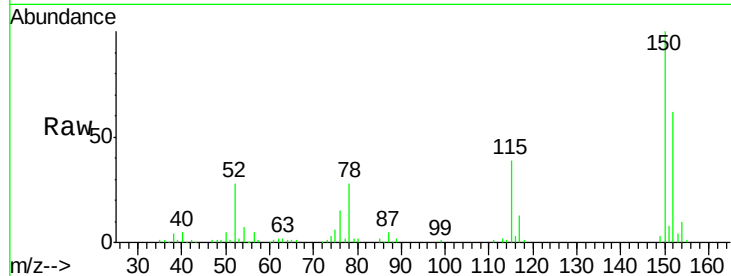


#1

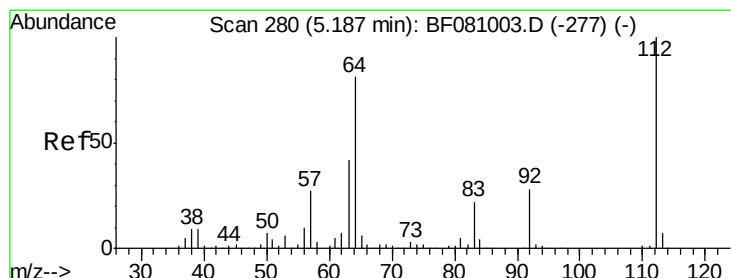
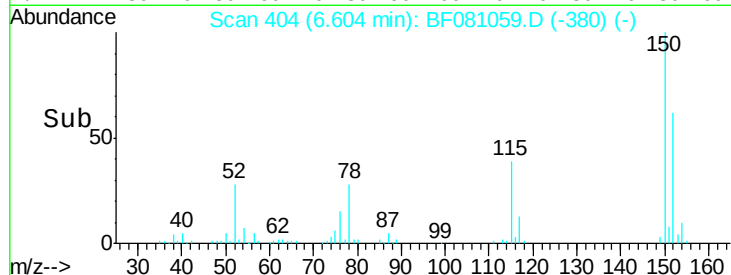
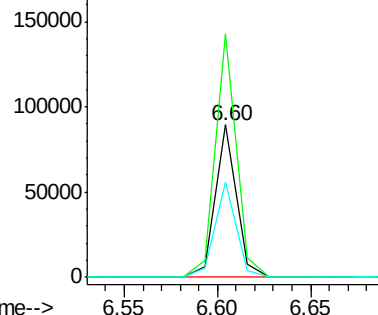
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081059.D
Acq: 19 Aug 2015 00:05

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.8	185.6
115	62.8	52.1	78.1



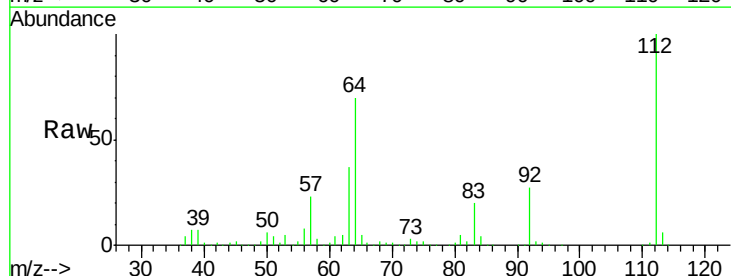
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



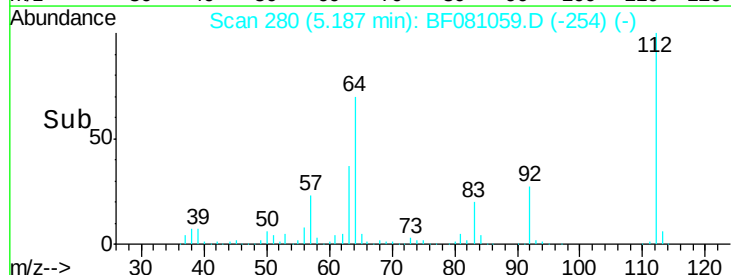
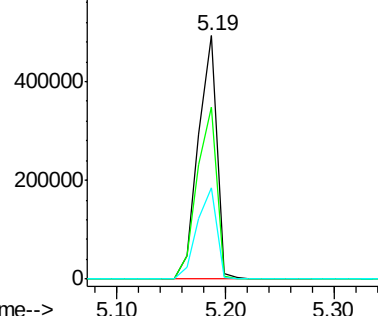
#5

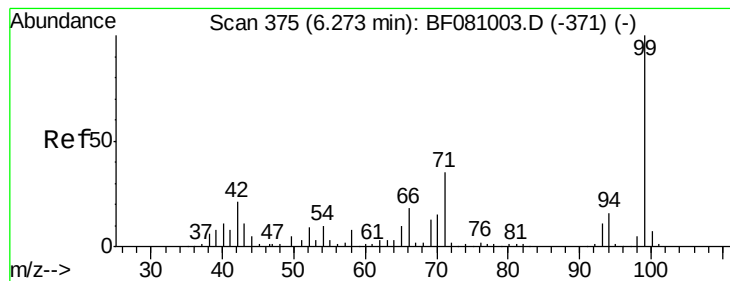
2-Fluorophenol
Concen: 123.77 ng
RT: 5.19 min Scan# 280
Delta R.T. 0.00 min
Lab File: BF081059.D
Acq: 19 Aug 2015 00:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	66.9	100.3
63	37.4	38.1	57.1#



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: 135.80 ng

RT: 6.26 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF081059.D

Acq: 19 Aug 2015 00:05

Instrument :

BNA_F

ClientSampleId :

COFF-3(0-2)-4

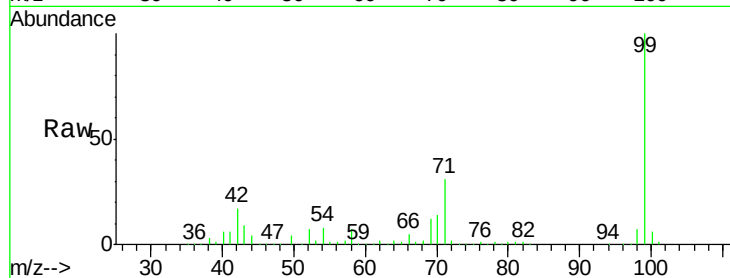
Tot Ion: 99 Resp: 836265

Ion Ratio Lower Upper

99 100

42 17.0 19.6 29.4#

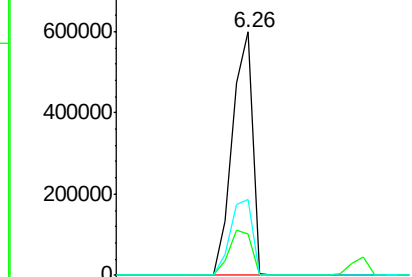
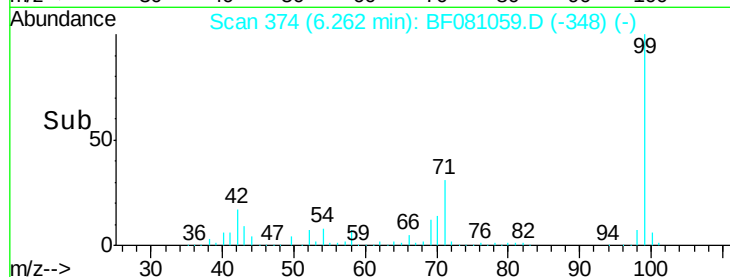
71 31.3 31.2 46.8



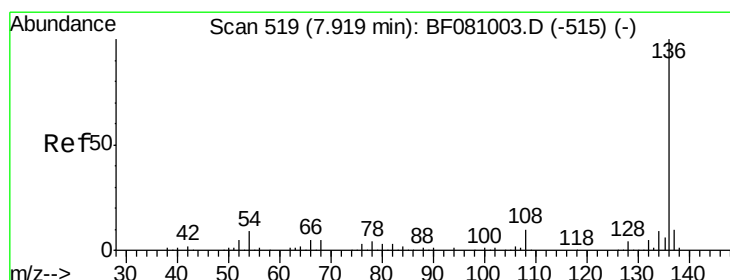
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF081059.D

Acq: 19 Aug 2015 00:05

Tgt Ion: 136 Resp: 267221

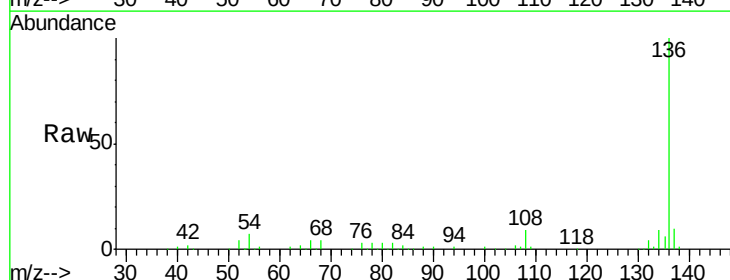
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.2

54 7.3 7.7 11.5#

68 4.3 3.4 5.2

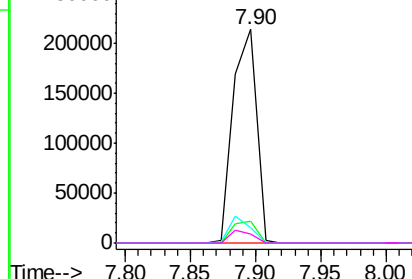
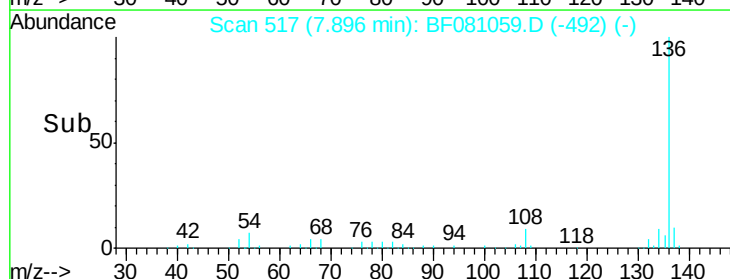


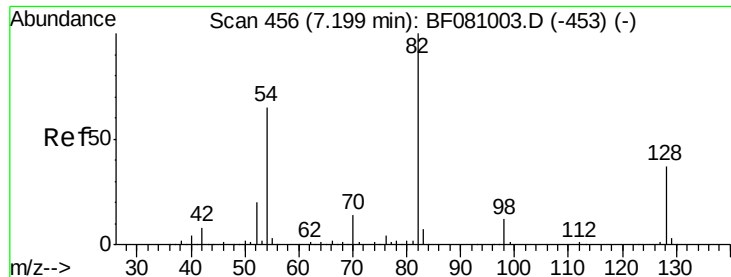
Abundance Ion 136.00 (135.70 to 136.70): E

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

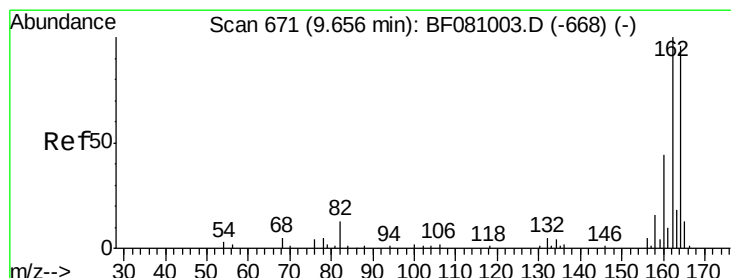
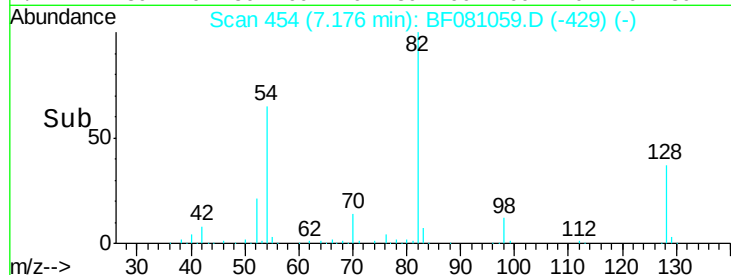
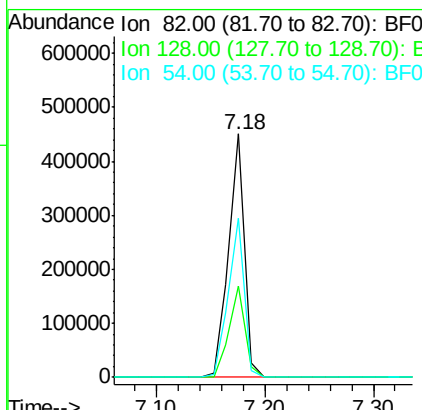
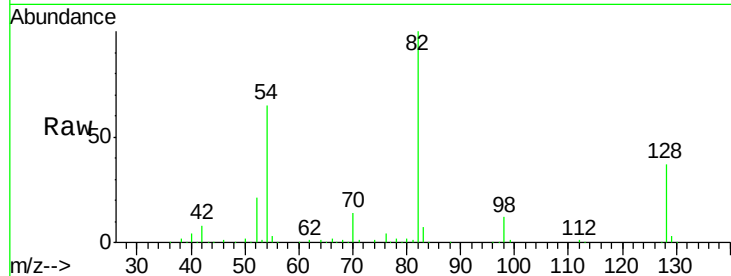




#23
 Nitrobenzene-d5
 Concen: 77.41 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081059.D
 Acq: 19 Aug 2015 00:05

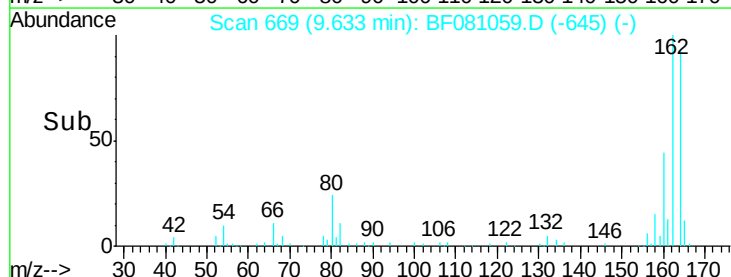
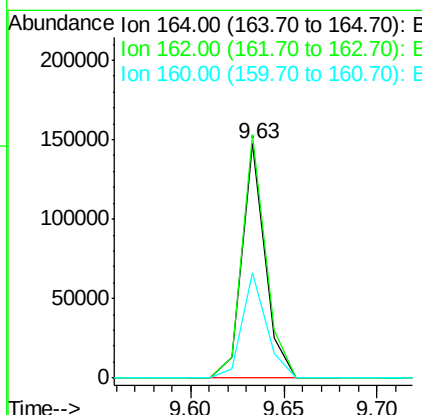
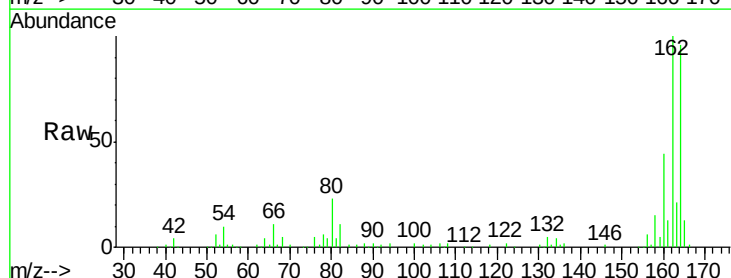
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-4

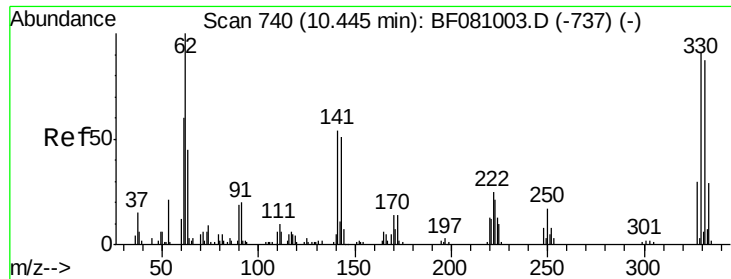
Tot Ion	82	Resp	452843
Ion Ratio	Lower	Upper	
82	100		
128	37.5	28.6	42.8
54	65.1	55.1	82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF081059.D
 Acq: 19 Aug 2015 00:05

Tgt Ion	164	Resp	127426
Ion Ratio	Lower	Upper	
164	100		
162	103.9	83.8	125.8
160	45.2	39.8	59.8

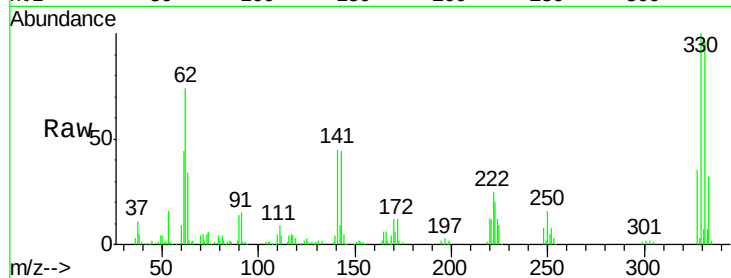




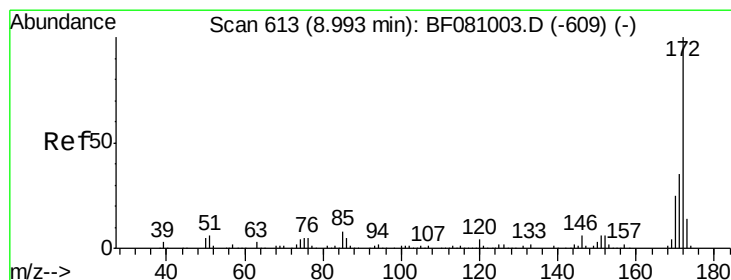
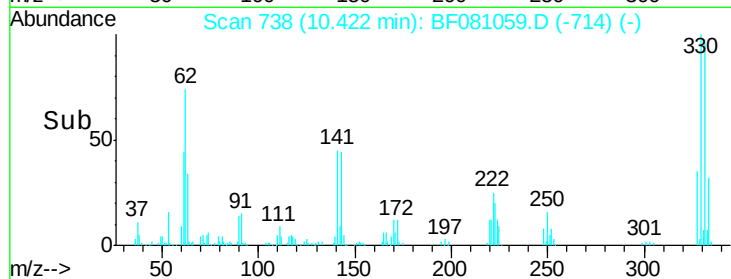
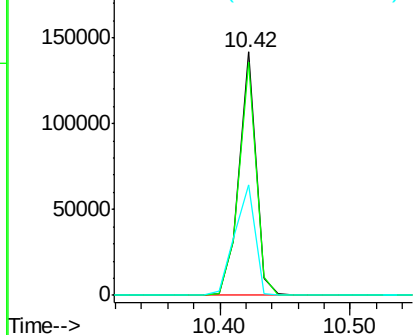
#41
 2,4,6-Tribromophenol
 Concen: 115.72 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF081059.D
 Acq: 19 Aug 2015 00:05

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	54.0	44.9	67.3

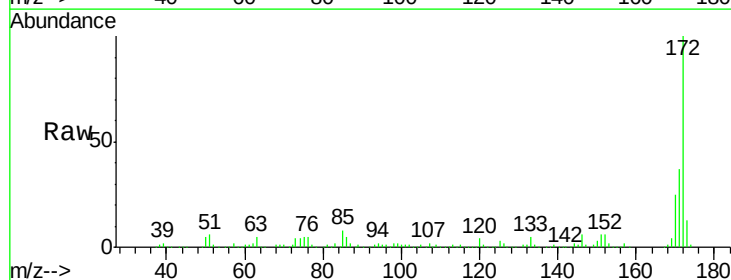


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

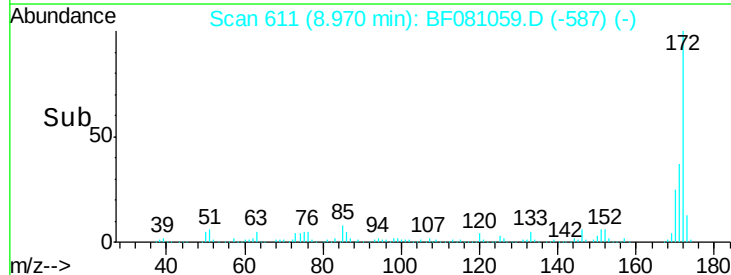
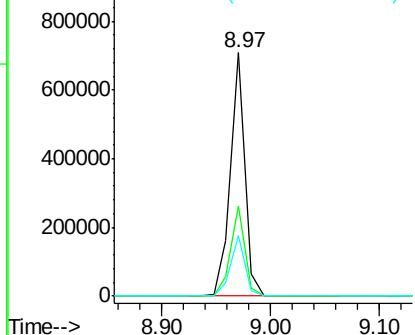


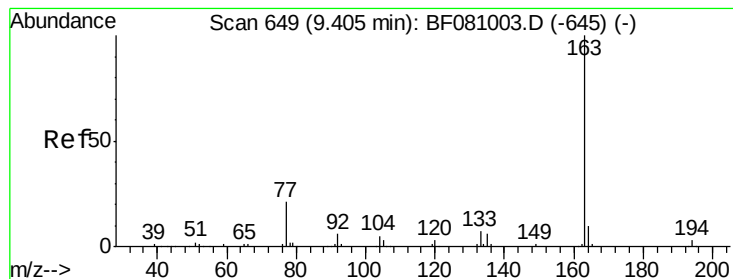
#44
 2-Fluorobiphenyl
 Concen: 66.53 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081059.D
 Acq: 19 Aug 2015 00:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.9	19.4	29.2



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: 14.10 ng

RT: 9.37 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF081059.D

Acq: 19 Aug 2015 00:05

Instrument :

BNA_F

ClientSampleId :

COFF-3(0-2)-4

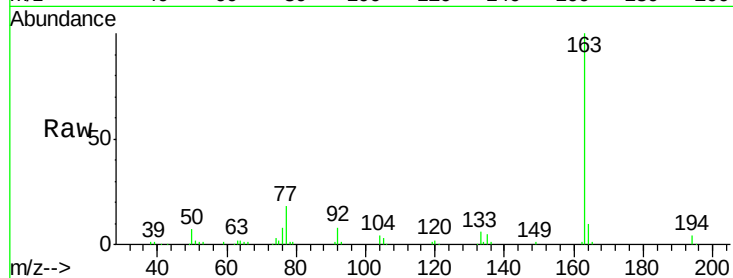
Tot Ion:163 Resp: 147930

Ion Ratio Lower Upper

163 100

194 3.6 2.5 3.7

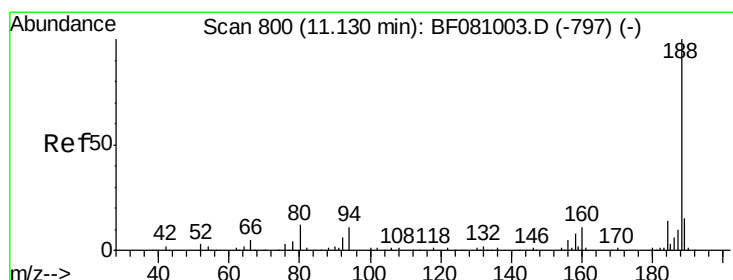
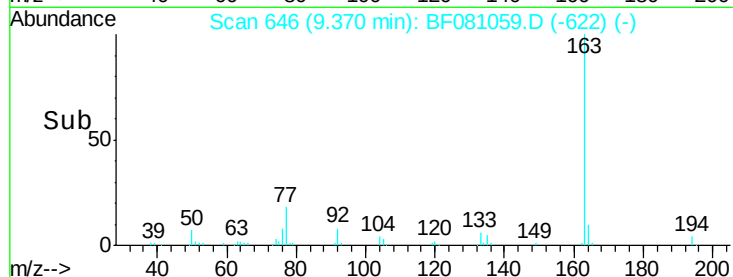
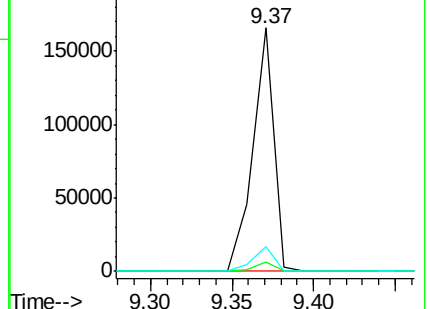
164 9.9 8.1 12.1



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: 11.11 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF081059.D

Acq: 19 Aug 2015 00:05

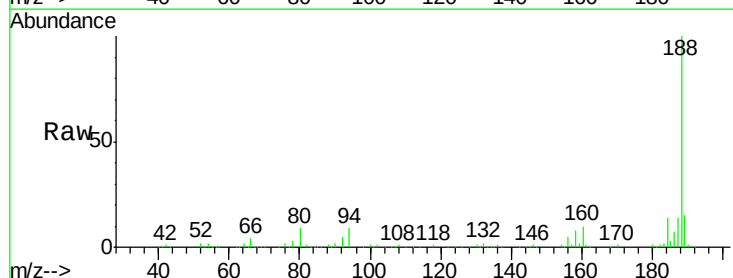
Tgt Ion:188 Resp: 286489

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

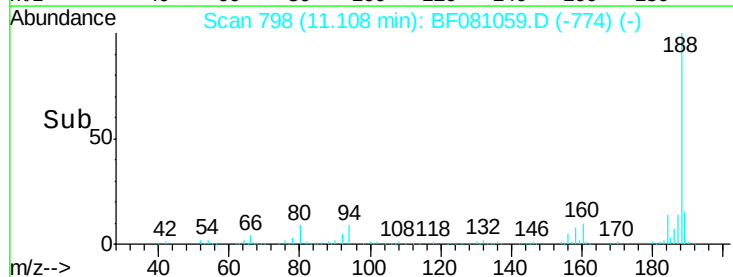
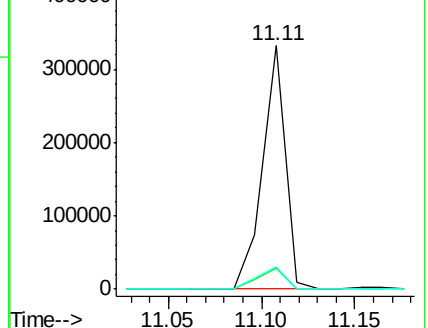
80 9.1 9.5 14.3#

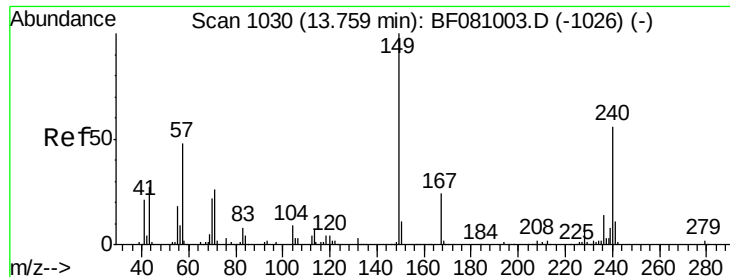


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081059.D

Acq: 19 Aug 2015 00:05

Instrument :

BNA_F

ClientSampleId :

COFF-3(0-2)-4

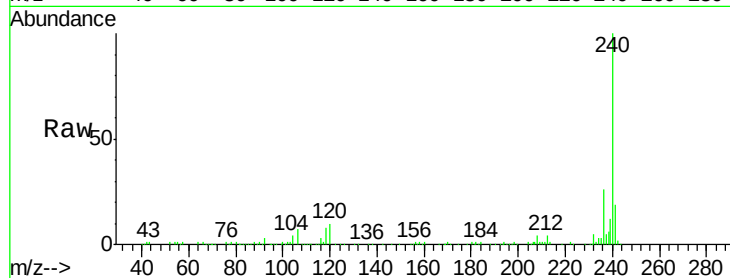
Tot Ion:240 Resp: 257099

Ion Ratio Lower Upper

240 100

120 9.6 5.6 8.4#

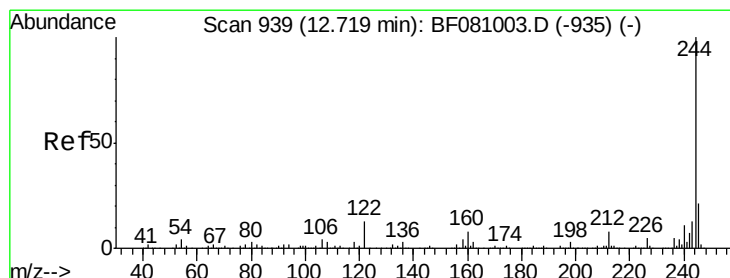
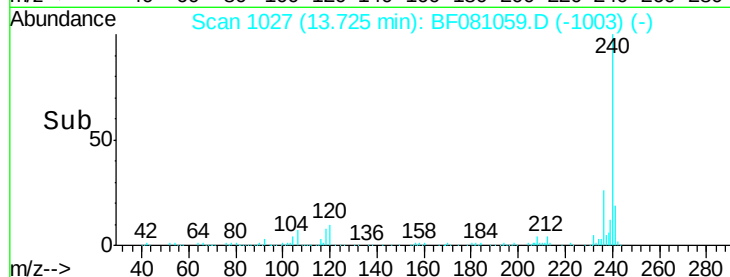
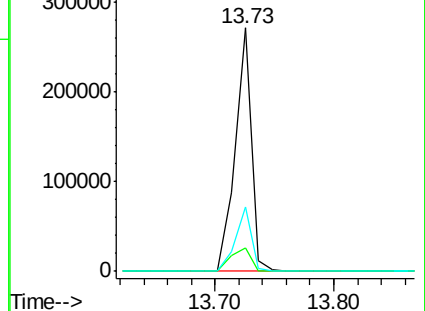
236 26.3 20.6 30.8



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: 61.24 ng

RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081059.D

Acq: 19 Aug 2015 00:05

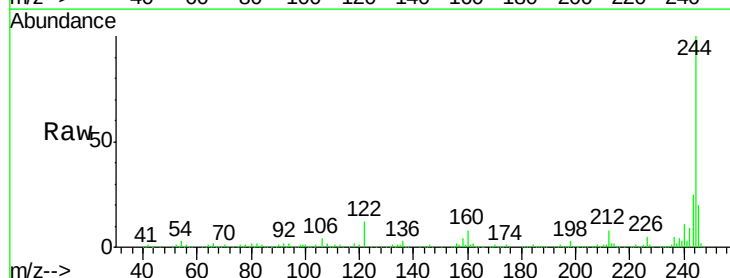
Tgt Ion:244 Resp: 734412

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

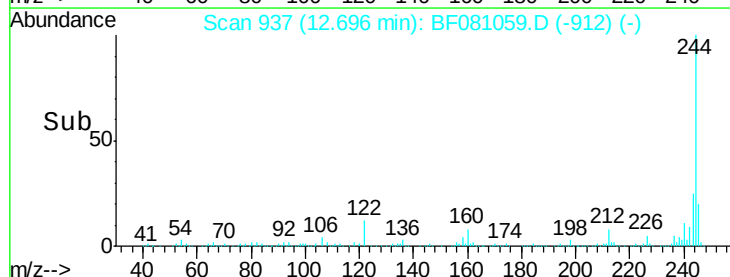
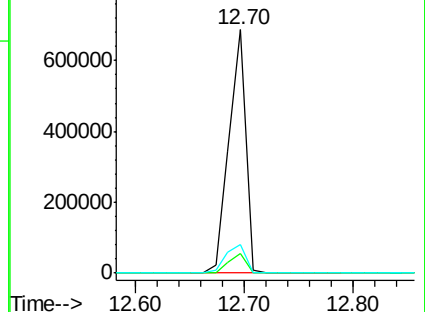
122 11.6 8.2 12.4

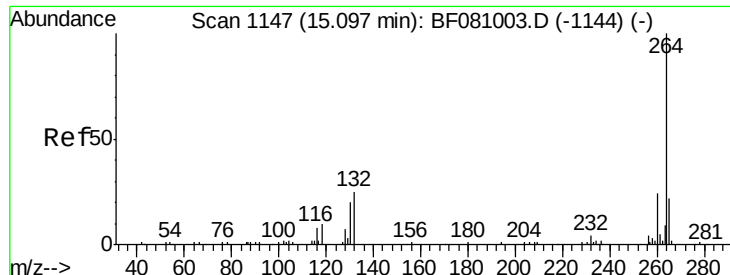


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

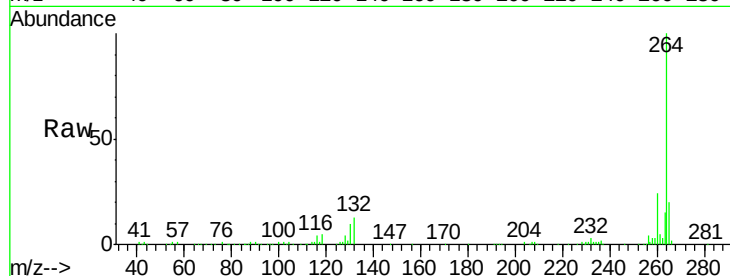




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF081059.D
Acq: 19 Aug 2015 00:05

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	20.3	17.5	26.3



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

