

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083717.D
 Acq On : 12 Dec 2015 1:38
 Operator : UM/IZ
 Sample : G4739-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB120915

Quant Time: Dec 12 04:03:52 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	137370	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	531468	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	256746	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	468285	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	419157	20.00	ng	-0.01
86) Perylene-d12	15.51	264	288696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	490151	54.95	ng	-0.01
7) Phenol-d6	6.53	99	354906	32.22	ng	-0.01
23) Nitrobenzene-d5	7.48	82	748886	95.56	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	391831	157.66	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1513175	86.81	ng	0.00
78) Terphenyl-d14	13.03	244	1468678	78.68	ng	0.00

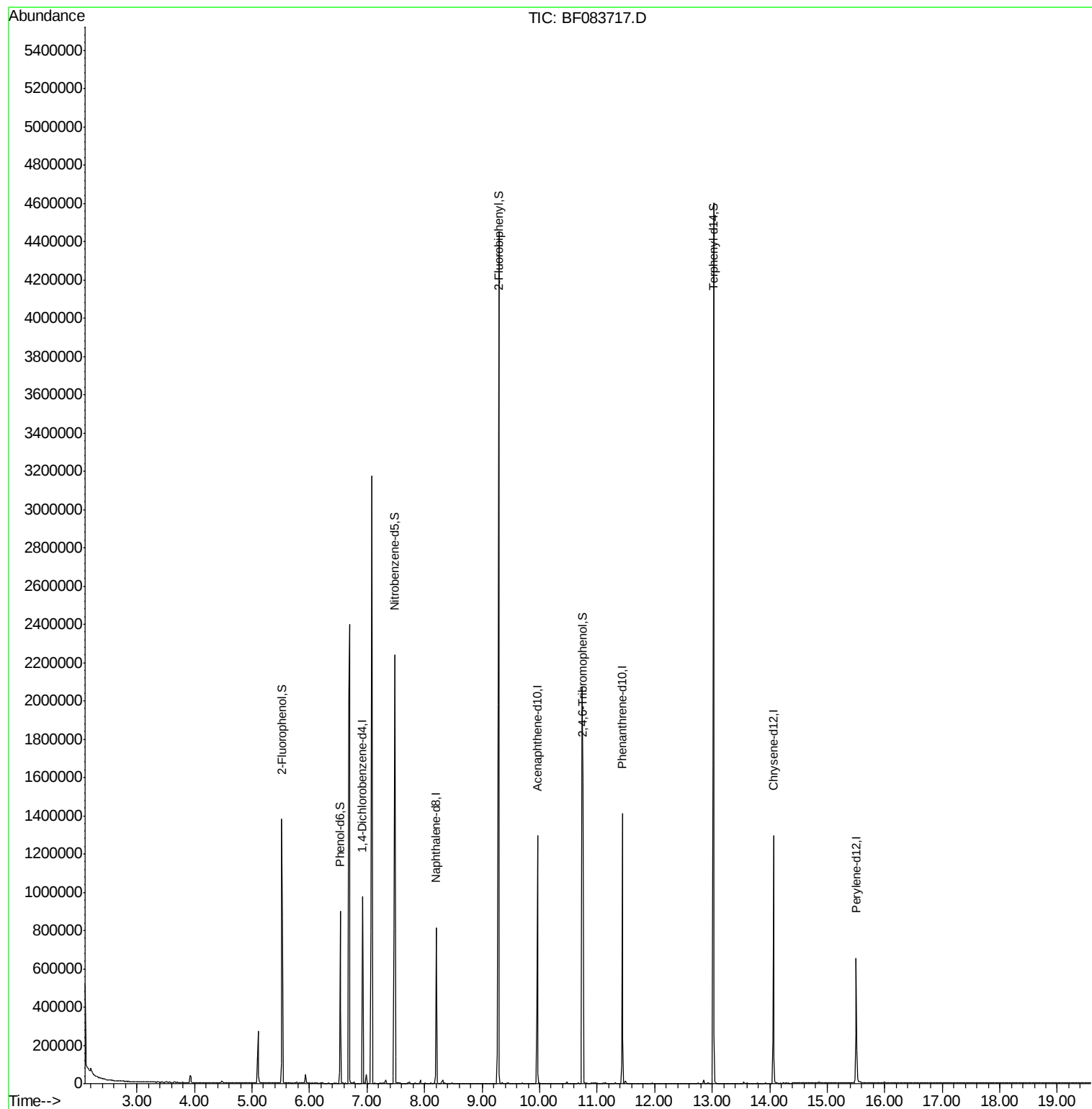
Target Compounds Qvalue

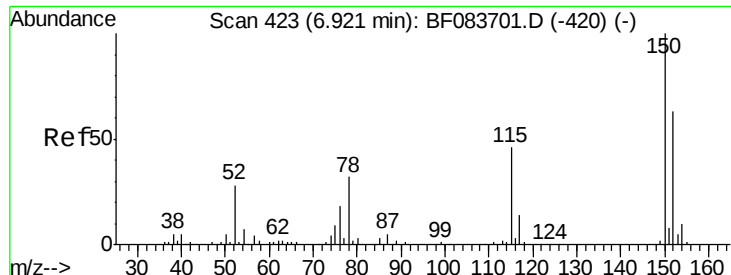
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083717.D

Acq: 12 Dec 2015 1:38

Instrument :

BNA_F

ClientSampleId :

FB120915

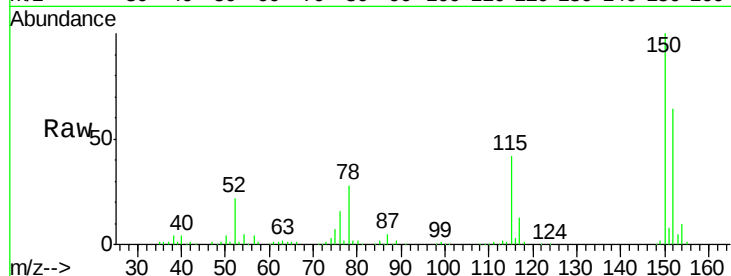
Tot Ion:152 Resp: 137370

Ion Ratio Lower Upper

152 100

150 156.5 126.5 189.7

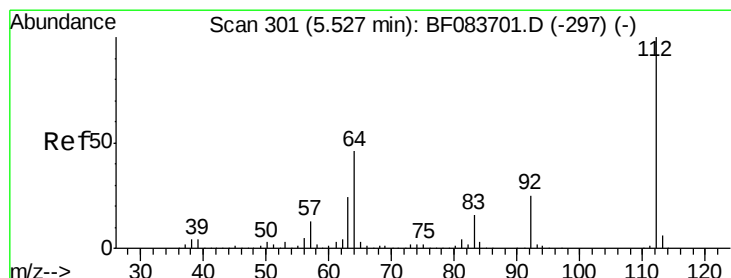
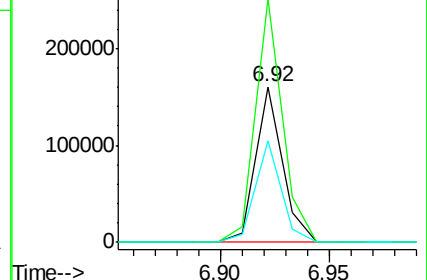
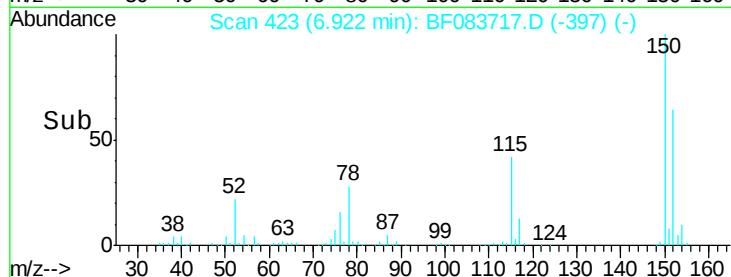
115 65.1 52.3 78.5



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: 54.95 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083717.D

Acq: 12 Dec 2015 1:38

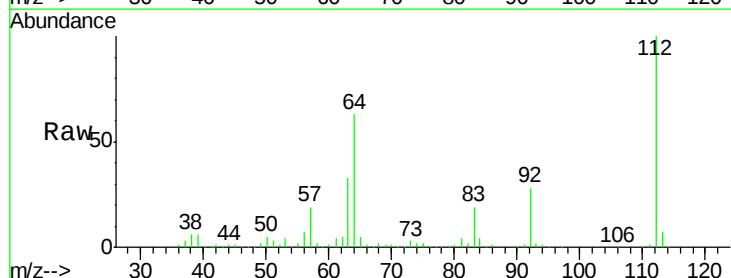
Tgt Ion:112 Resp: 490151

Ion Ratio Lower Upper

112 100

64 62.6 50.5 75.7

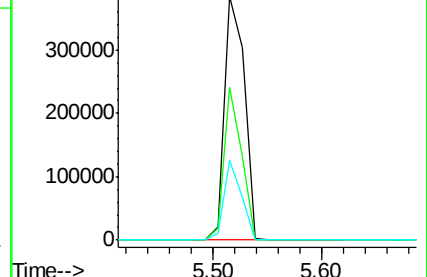
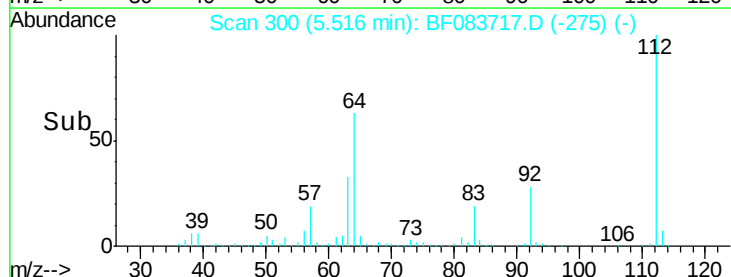
63 32.8 25.8 38.6

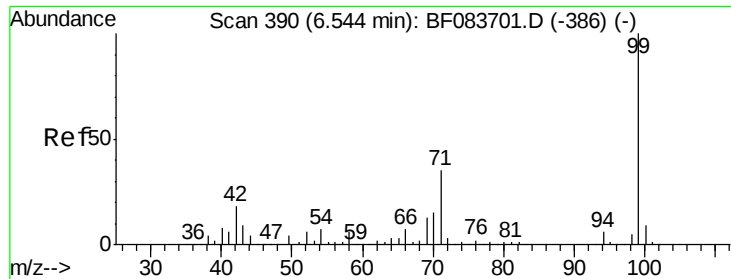


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.22 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083717.D

Acq: 12 Dec 2015 1:38

Instrument :

BNA_F

ClientSampleId :

FB120915

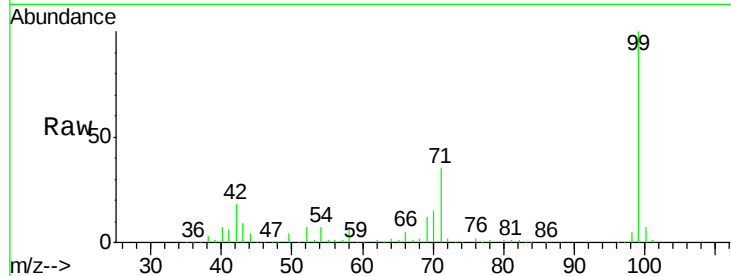
Tot Ion: 99 Resp: 354906

Ion Ratio Lower Upper

99 100

42 17.7 17.3 25.9

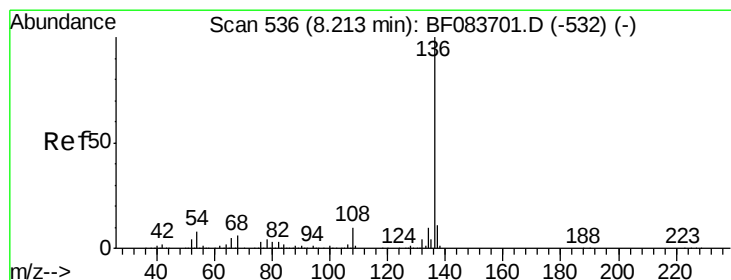
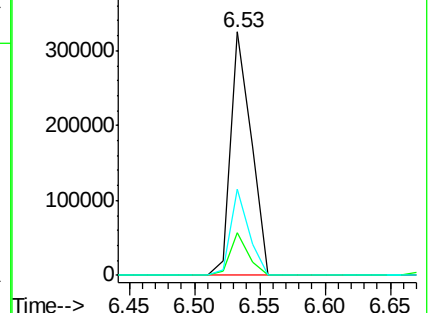
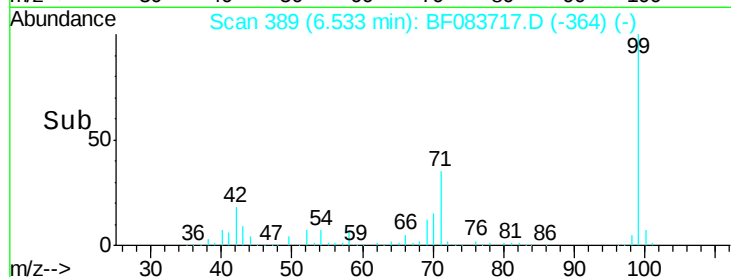
71 35.3 26.6 40.0



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: BF083717.D

Acq: 12 Dec 2015 1:38

Tgt Ion: 136 Resp: 531468

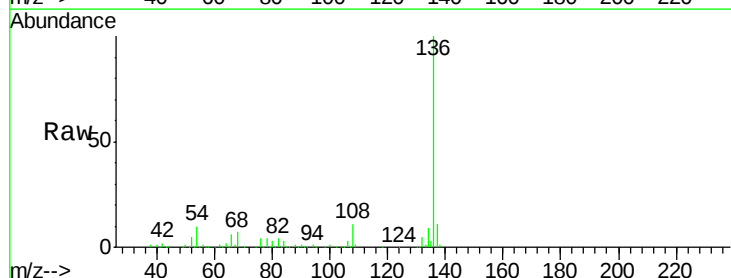
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.5 7.8 11.6

68 7.5 5.7 8.5

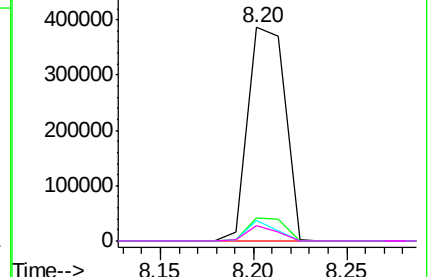
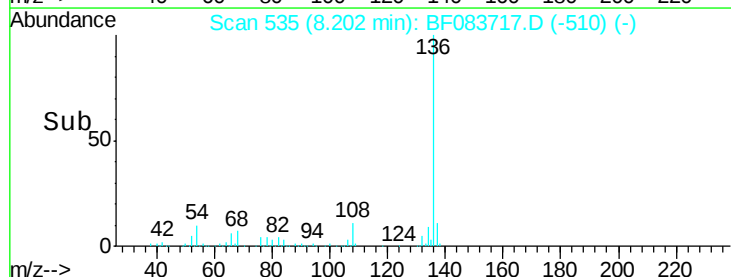


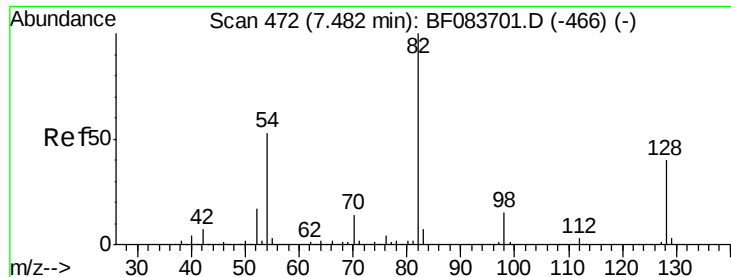
Abundance Ion 136.00 (135.70 to 136.70): E

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

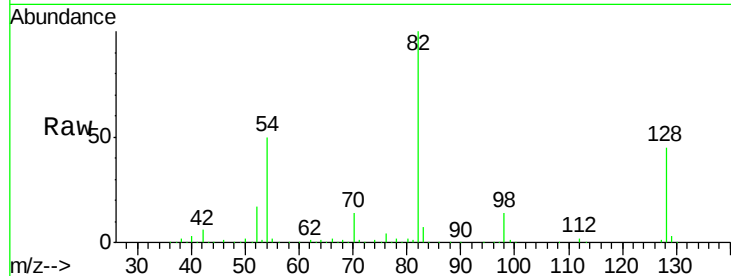




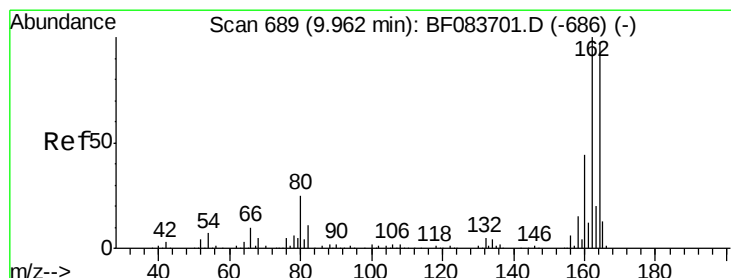
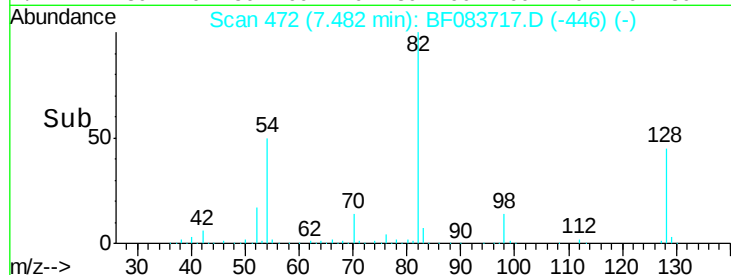
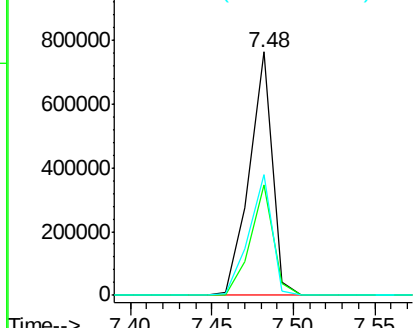
#23
Nitrobenzene-d5
Concen: 95.56 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF083717.D
Acq: 12 Dec 2015 1:38

Instrument :
BNA_F
ClientSampleId :
FB120915

Tot Ion	82	Resp	748886
Ion Ratio	100	Lower	Upper
128	45.4	30.7	46.1
54	49.8	42.5	63.7

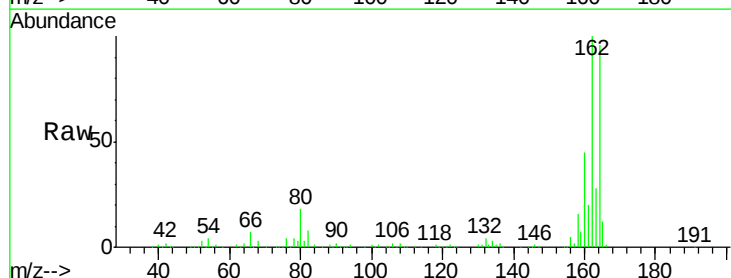


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

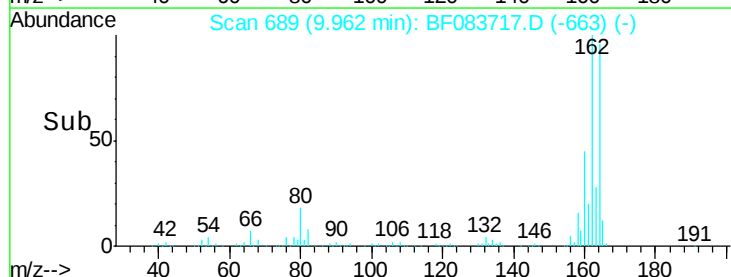
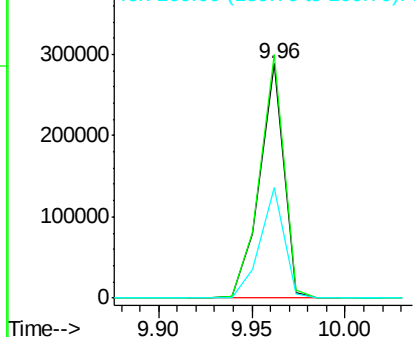


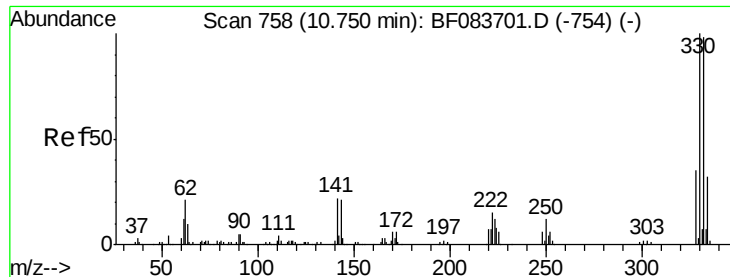
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083717.D
Acq: 12 Dec 2015 1:38

Tgt Ion	164	Resp	256746
Ion Ratio	100	Lower	Upper
162	104.0	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

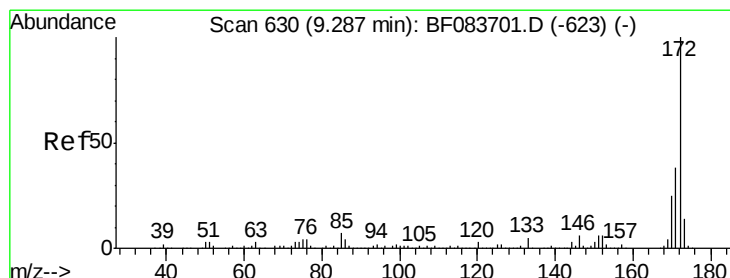
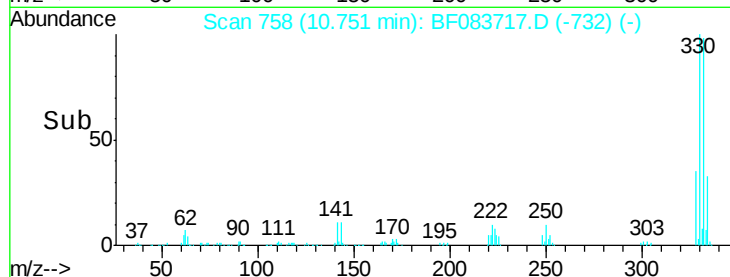
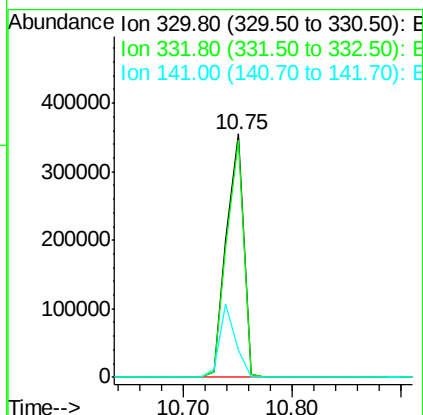
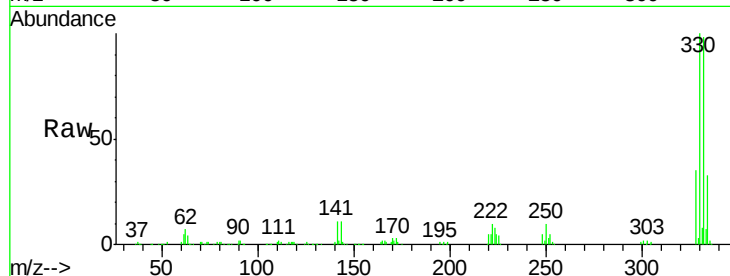




#41
 2,4,6-Tribromophenol
 Concen: 157.66 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF083717.D
 Acq: 12 Dec 2015 1:38

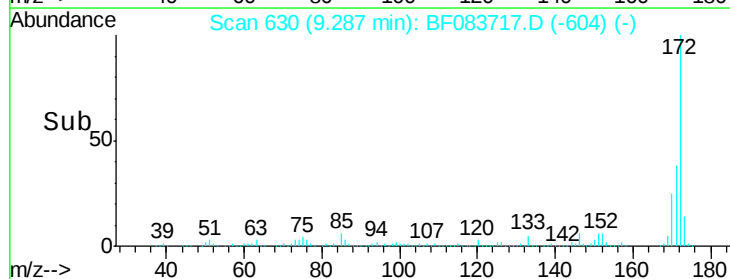
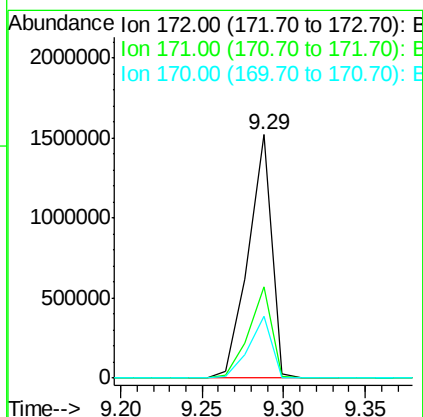
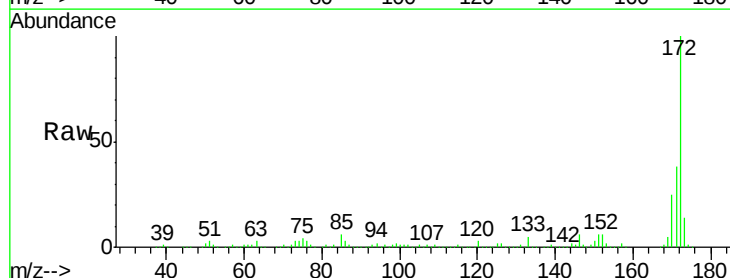
Instrument :
 BNA_F
 ClientSampleId :
 FB120915

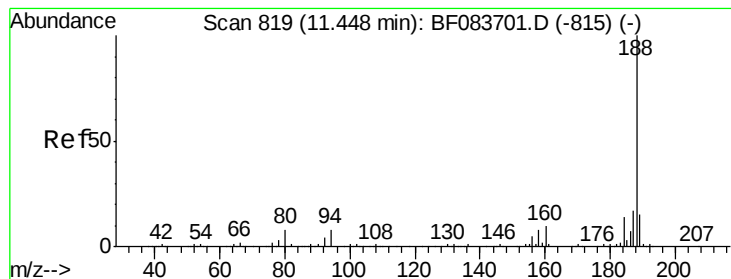
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	28.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 86.81 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083717.D
 Acq: 12 Dec 2015 1:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.6	42.8
170	25.3	19.4	29.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF083717.D

Acq: 12 Dec 2015 1:38

Instrument :

BNA_F

ClientSampleId :

FB120915

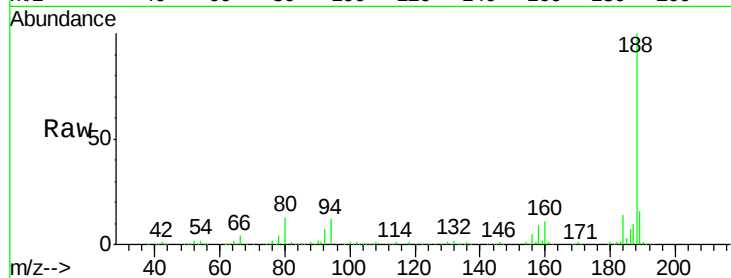
Tot Ion:188 Resp: 468285

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

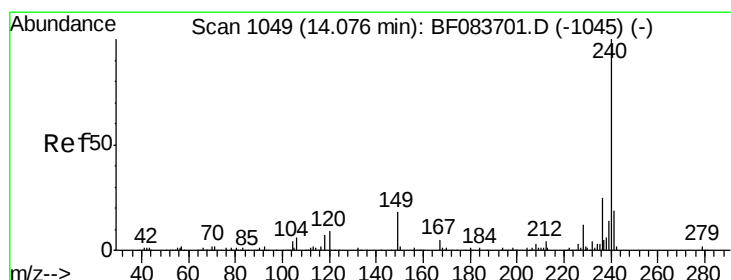
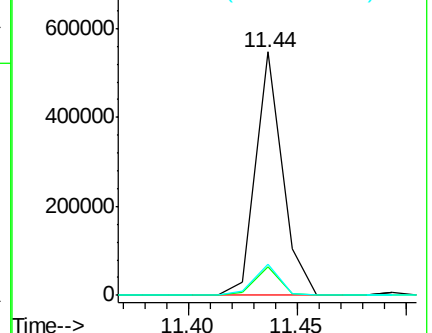
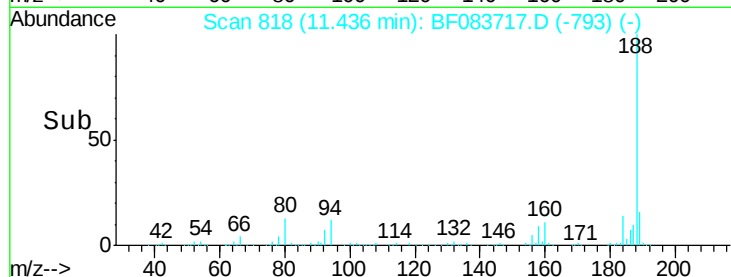
80 12.8 10.6 16.0



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: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083717.D

Acq: 12 Dec 2015 1:38

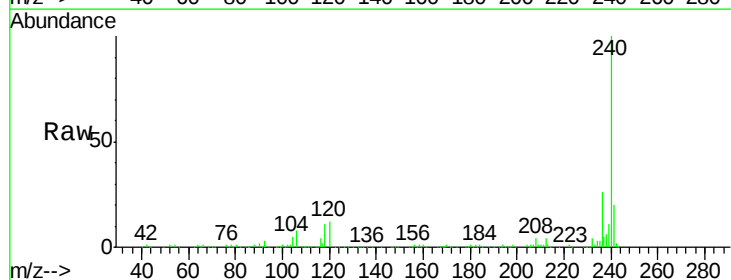
Tgt Ion:240 Resp: 419157

Ion Ratio Lower Upper

240 100

120 12.3 8.1 12.1#

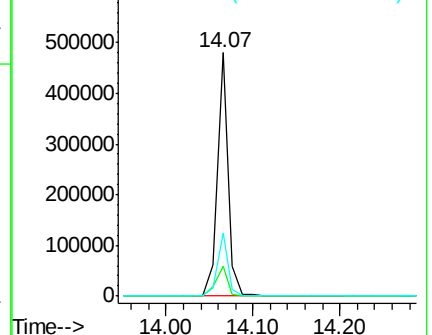
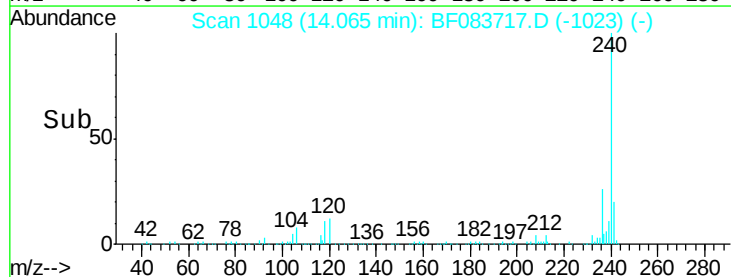
236 26.0 20.8 31.2

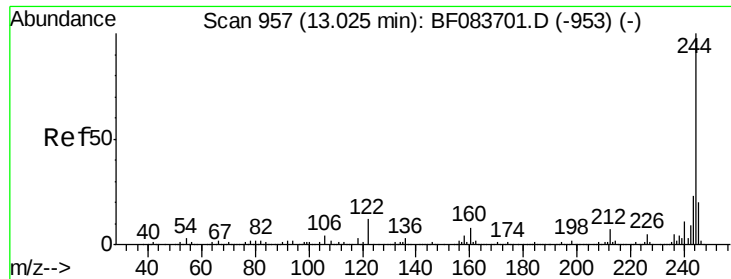


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



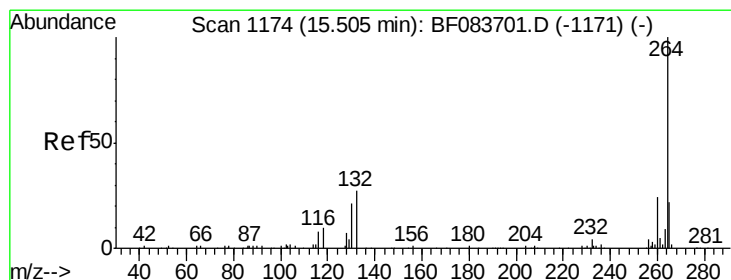
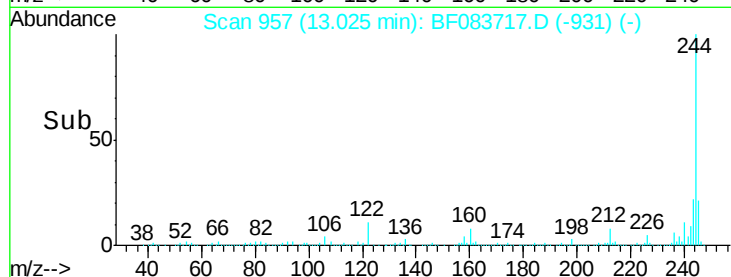
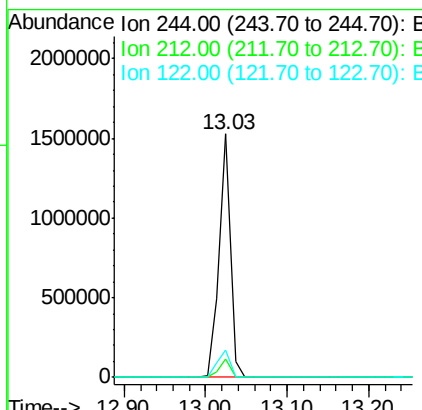
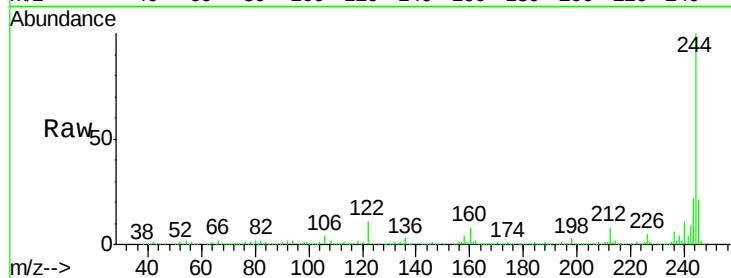


#78
 Terphenyl-d14
 Concen: 78.68 ng
 RT: 13.03 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF083717.D
 Acq: 12 Dec 2015 1:38

Instrument :
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 FB120915

Tot Ion:244 Resp: 1468678

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	11.3	11.0	16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083717.D
 Acq: 12 Dec 2015 1:38

Tgt Ion:264 Resp: 288696

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.5	17.8	26.6

