

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080763.D
 Acq On : 1 Aug 2015 6:09
 Operator : TP/UM
 Sample : G3121-06
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-7-28-15

Quant Time: Aug 03 01:10:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	132188	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	494540	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	227706	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	441752	20.00	ng	0.00
75) Chrysene-d12	13.99	240	258617	20.00	ng	-0.01
86) Perylene-d12	15.41	264	249380	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	421411	54.69	ng	0.00
7) Phenol-d6	6.46	99	338463	32.26	ng	-0.02
23) Nitrobenzene-d5	7.41	82	884883	86.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	343913	145.55	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1495255	97.97	ng	-0.01
78) Terphenyl-d14	12.96	244	1516726	110.92	ng	0.00

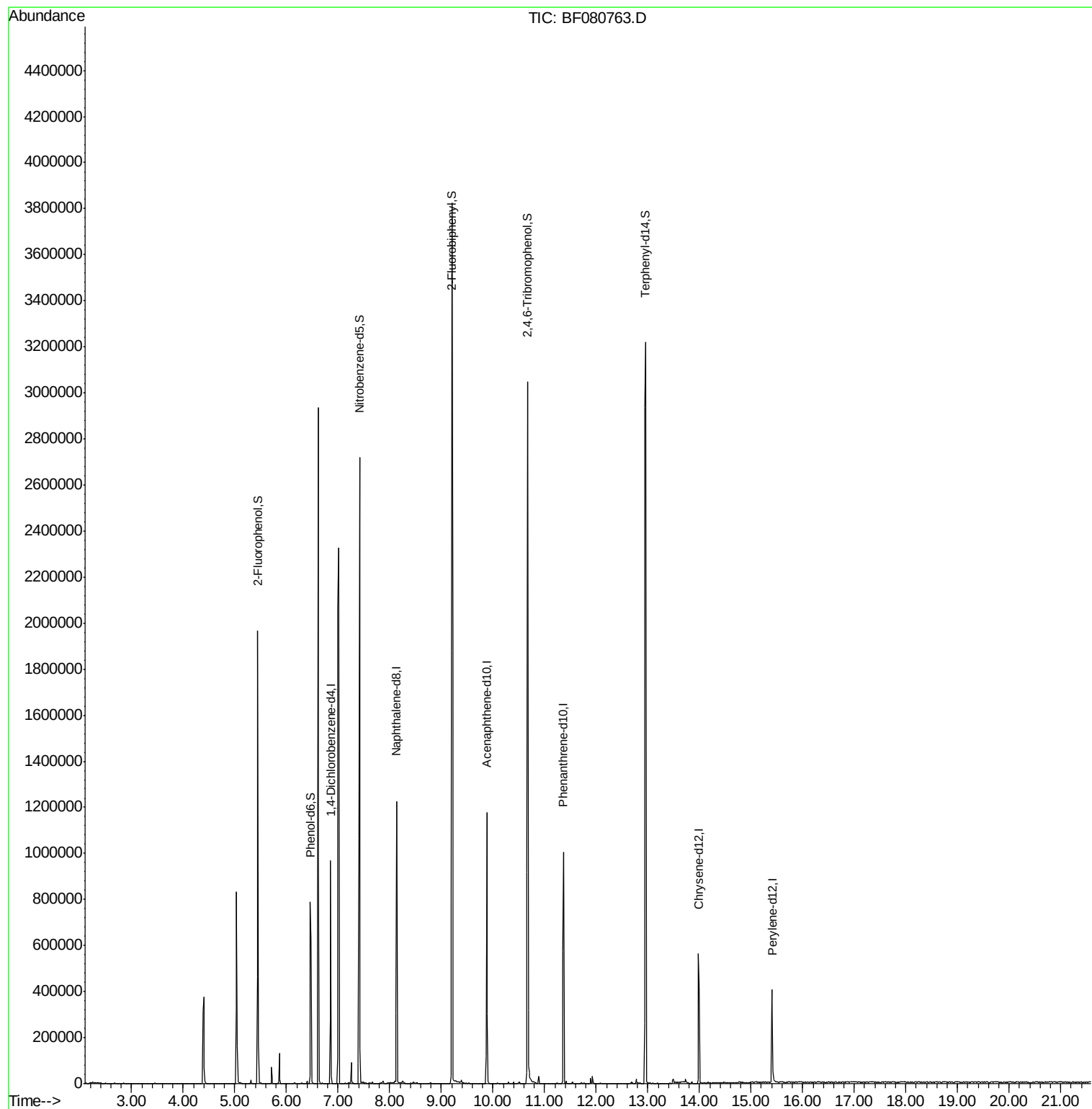
Target Compounds	Qvalue
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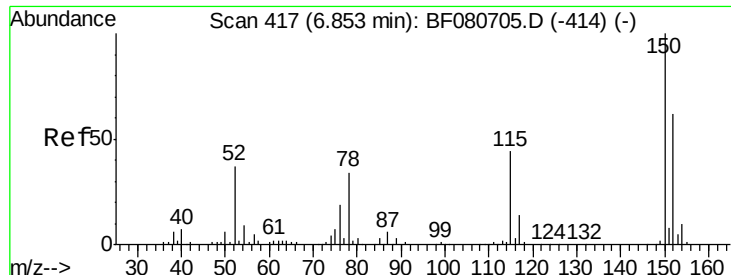
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF080763.D

Acq: 1 Aug 2015 6:09

Instrument :

BNA_F

ClientSampleId :

FB-7-28-15

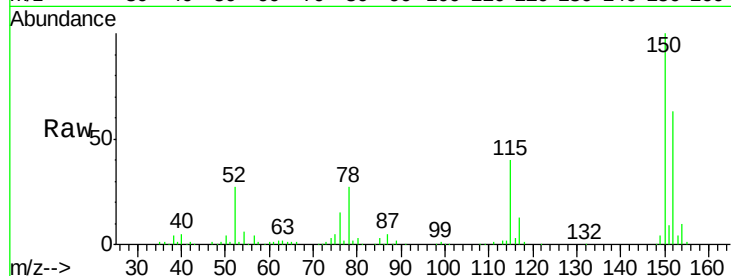
Tgt Ion:152 Resp: 132188

Ion Ratio Lower Upper

152 100

150 158.9 129.6 194.4

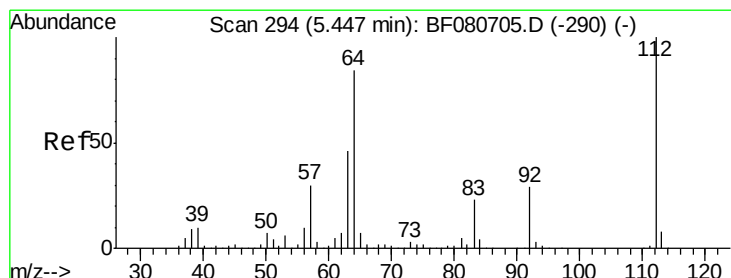
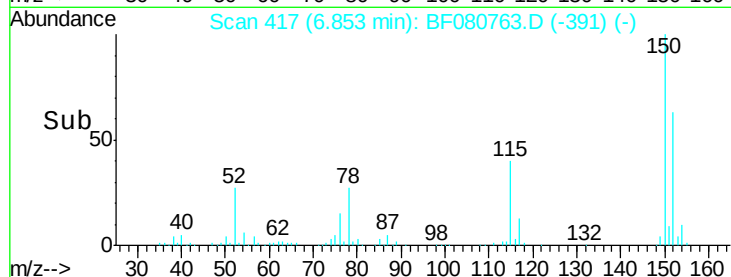
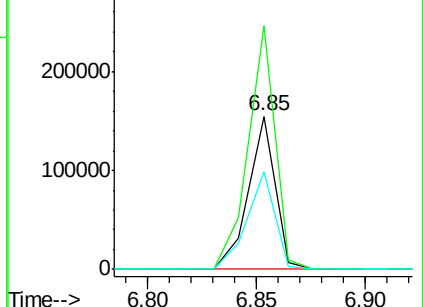
115 63.7 56.6 85.0



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: 54.69 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF080763.D

Acq: 1 Aug 2015 6:09

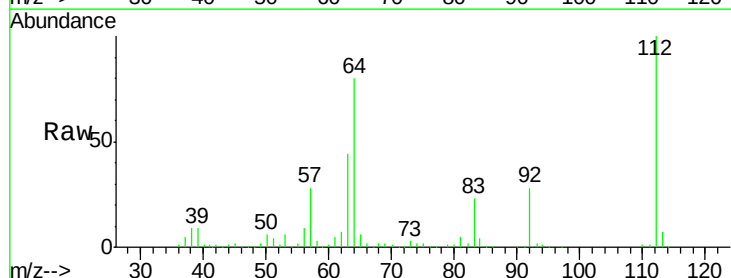
Tgt Ion:112 Resp: 421411

Ion Ratio Lower Upper

112 100

64 80.3 66.8 100.2

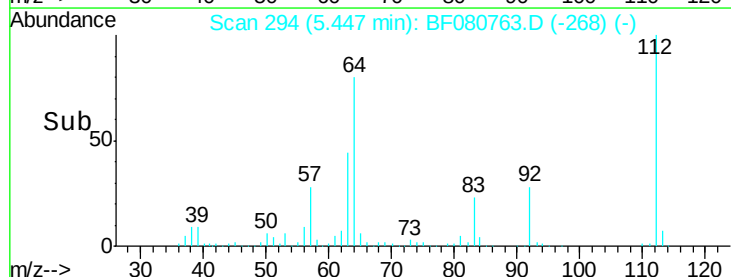
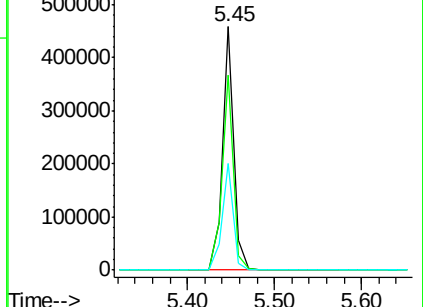
63 43.6 36.7 55.1

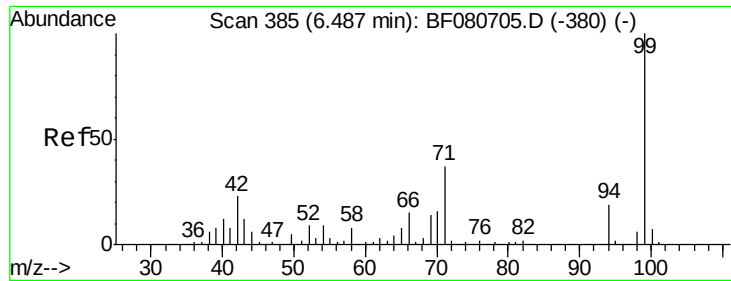


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.26 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF080763.D

Acq: 1 Aug 2015 6:09

Instrument :

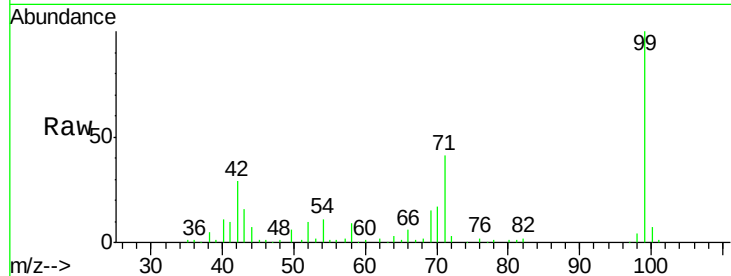
BNA_F

ClientSampleId :

FB-7-28-15

Tgt Ion: 99 Resp: 338463

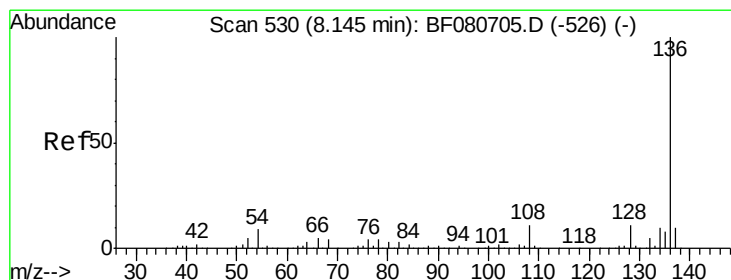
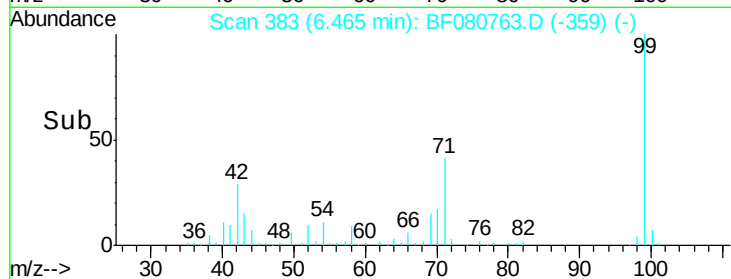
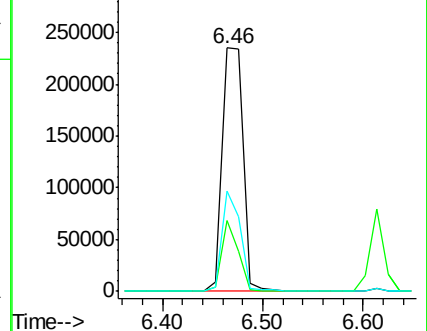
Ion	Ratio	Lower	Upper
99	100		
42	28.9	18.2	27.2#
71	41.3	29.5	44.3



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

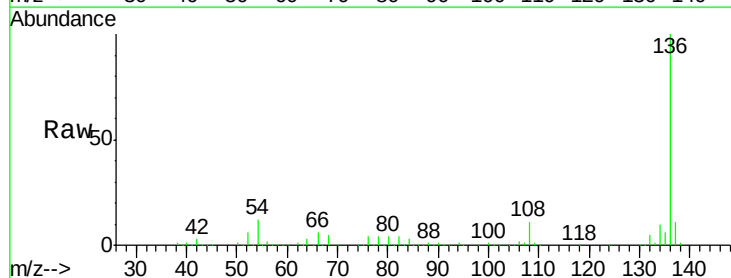
Delta R.T. -0.01 min

Lab File: BF080763.D

Acq: 1 Aug 2015 6:09

Tgt Ion: 136 Resp: 494540

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	11.9	6.9	10.3#
68	5.0	3.5	5.3

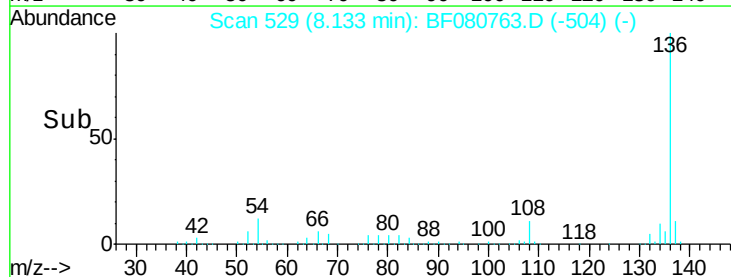
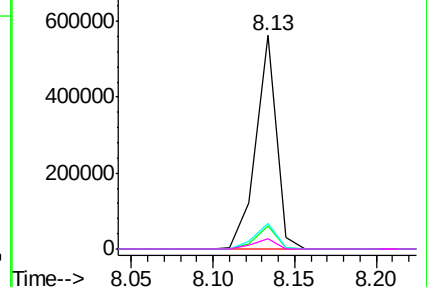


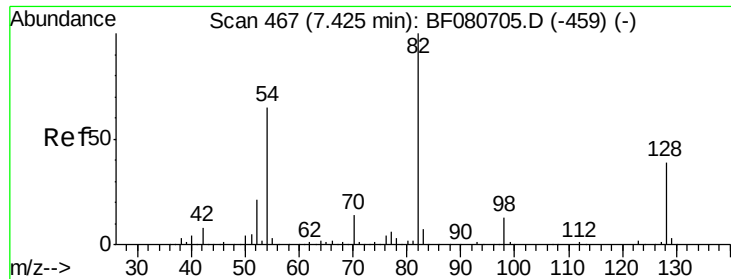
Abundance Ion 136.00 (135.70 to 136.70): E

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

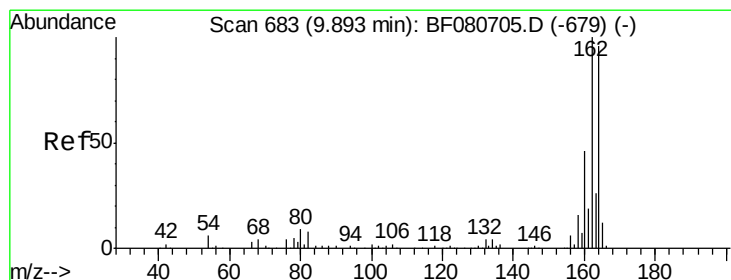
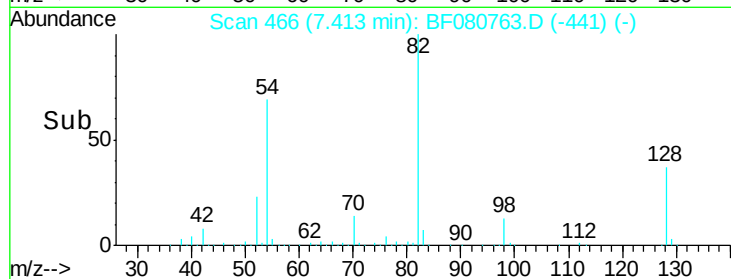
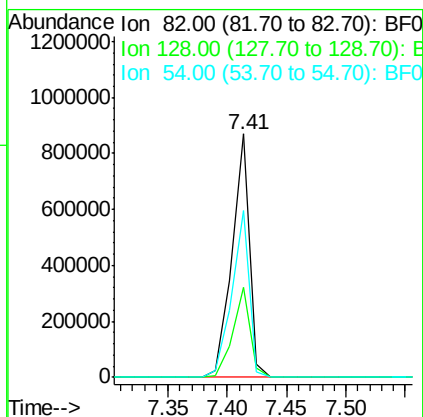
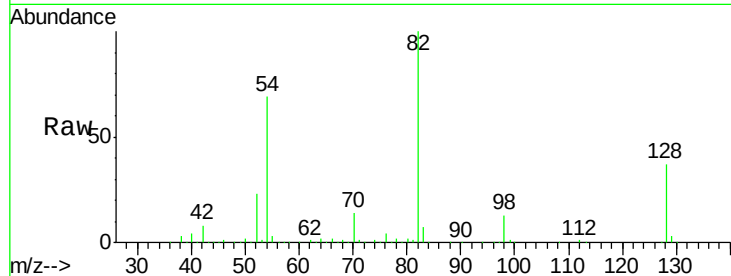




#23
 Nitrobenzene-d5
 Concen: 86.65 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080763.D
 Acq: 1 Aug 2015 6:09

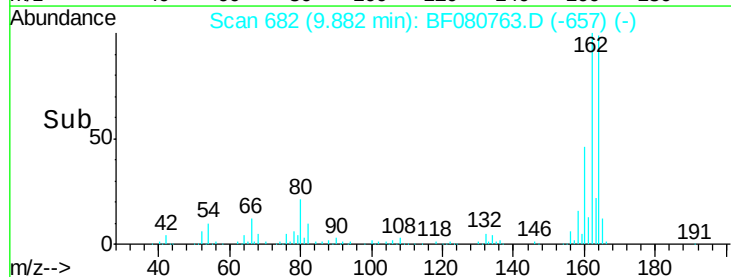
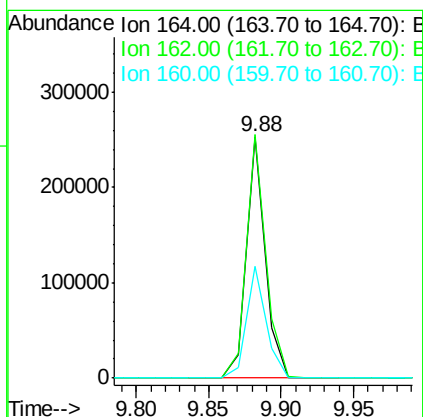
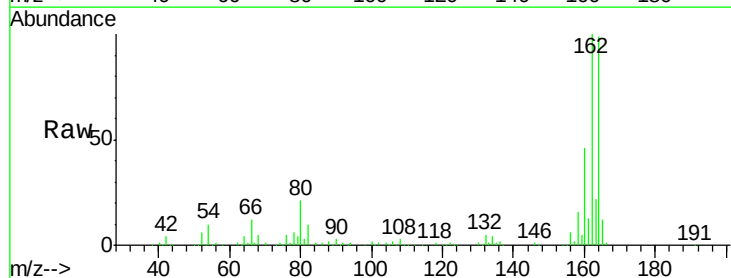
Instrument :
 BNA_F
 ClientSampleId :
 FB-7-28-15

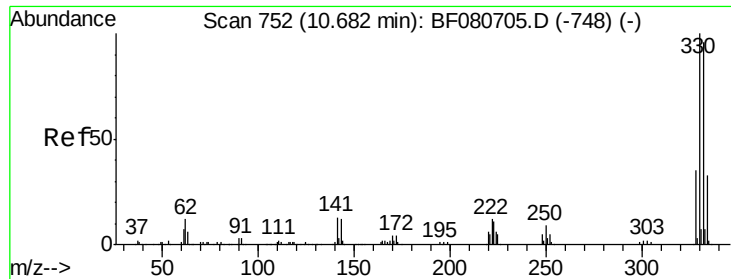
Tgt Ion: 82 Resp: 884883
 Ion Ratio Lower Upper
 82 100
 128 37.1 31.5 47.3
 54 68.7 51.8 77.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF080763.D
 Acq: 1 Aug 2015 6:09

Tgt Ion: 164 Resp: 227706
 Ion Ratio Lower Upper
 164 100
 162 101.0 83.4 125.0
 160 46.5 38.0 57.0

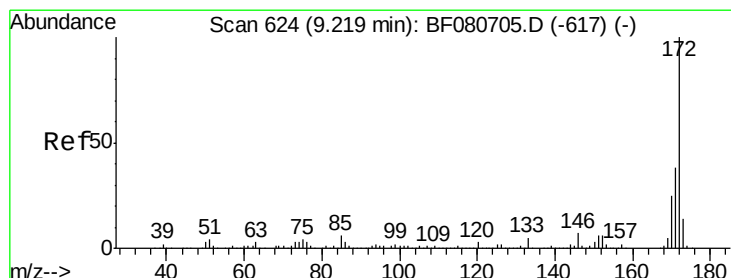
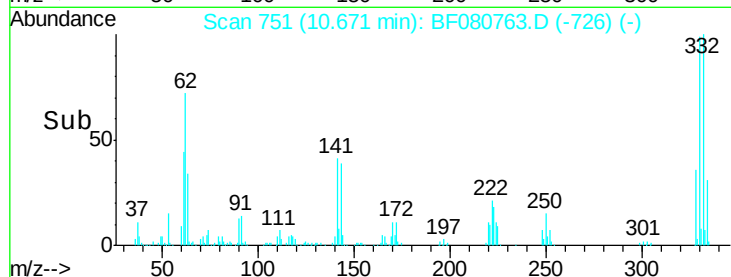
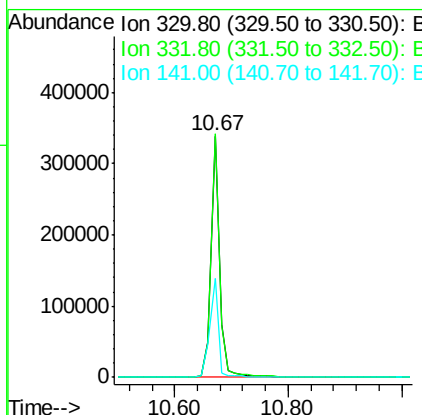
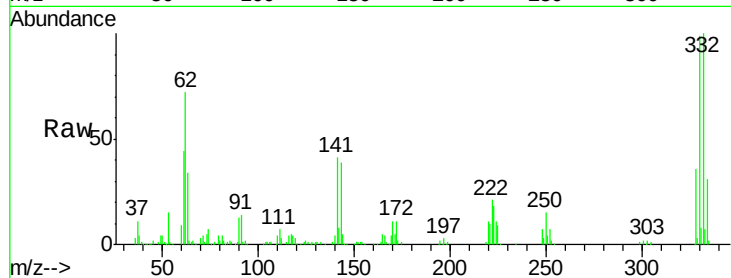




#41
 2,4,6-Tribromophenol
 Concen: 145.55 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080763.D
 Acq: 1 Aug 2015 6:09

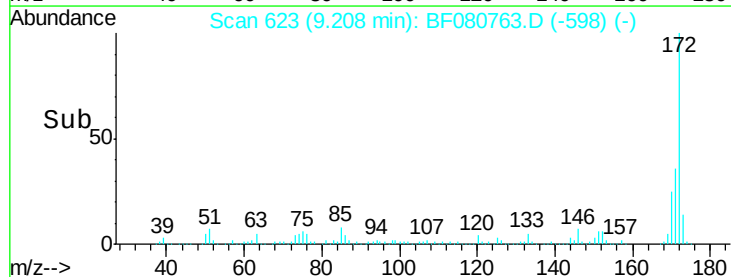
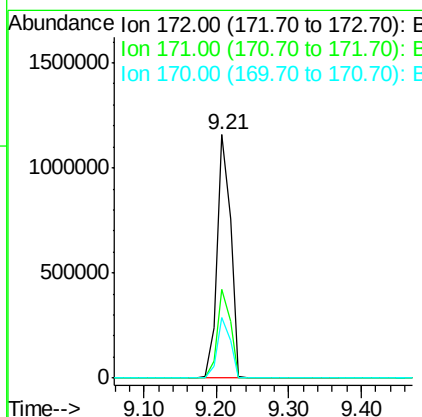
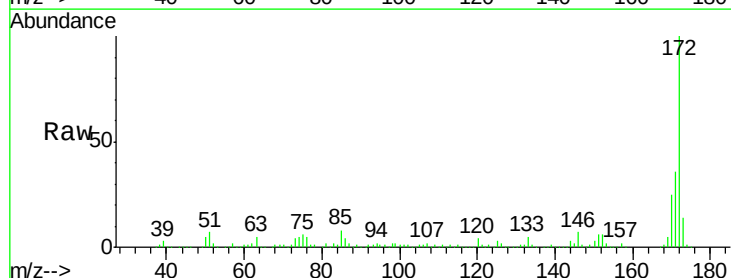
Instrument :
 BNA_F
 ClientSampleId :
 FB-7-28-15

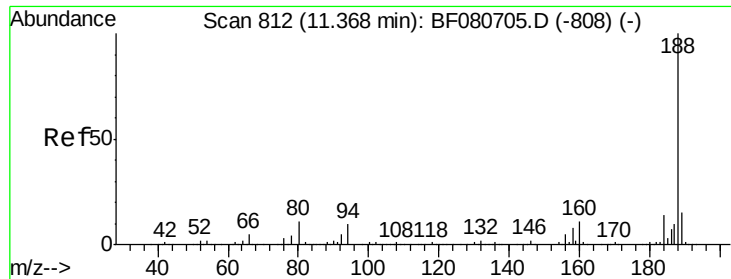
Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.7	76.6	114.8
141	40.9	26.0	39.0



#44
 2-Fluorobiphenyl
 Concen: 97.97 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080763.D
 Acq: 1 Aug 2015 6:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.2	45.4
170	25.1	20.2	30.2

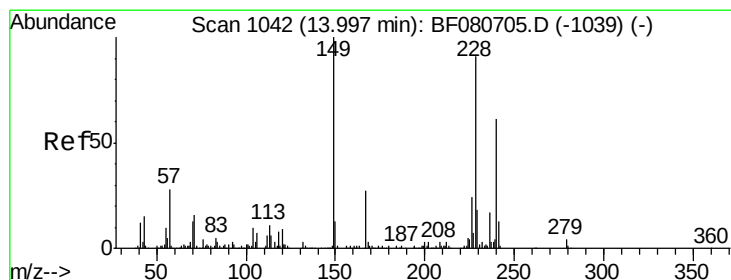
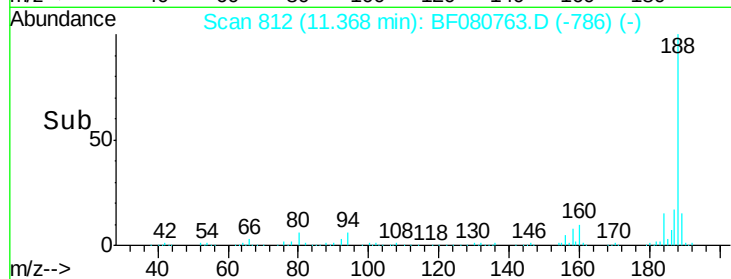
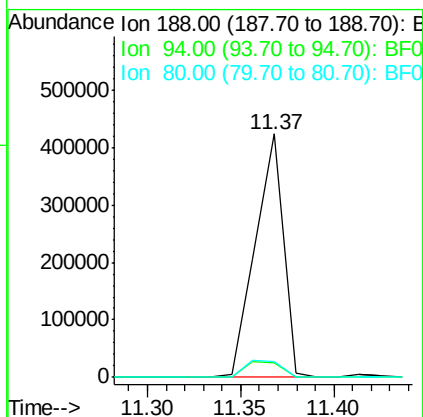
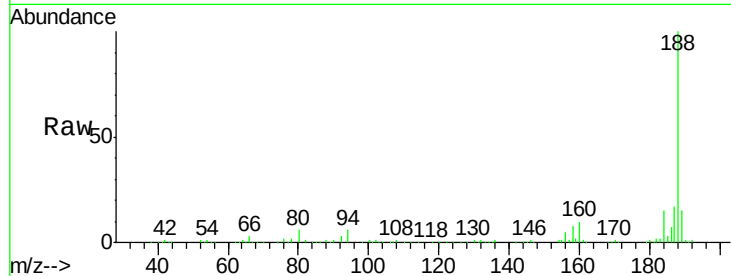




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF080763.D
Acq: 1 Aug 2015 6:09

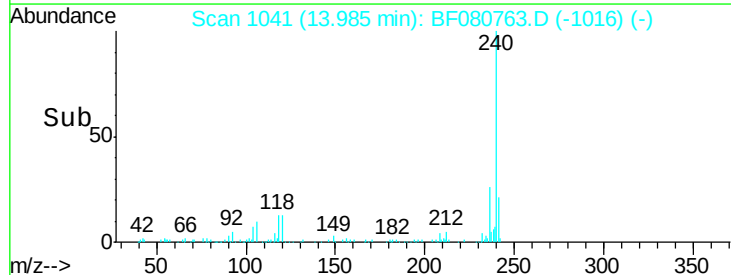
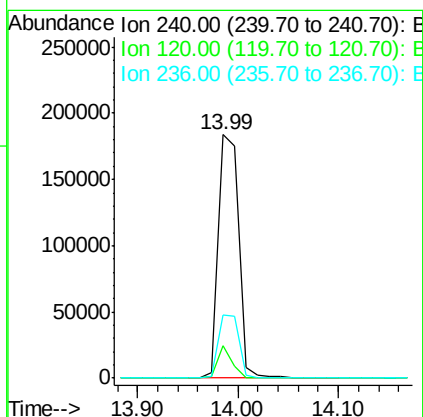
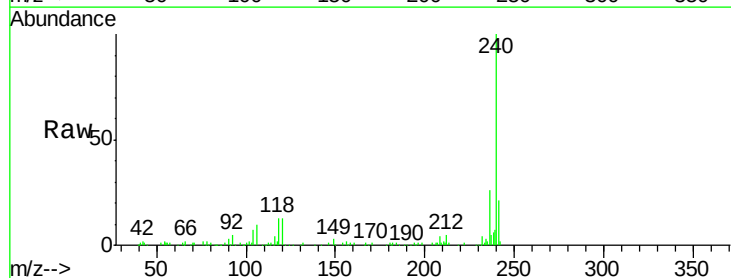
Instrument :
BNA_F
ClientSampled :
FB-7-28-15

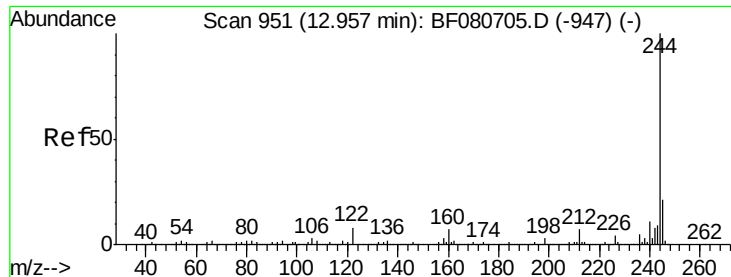
Tgt Ion:188 Resp: 441752
Ion Ratio Lower Upper
188 100
94 6.1 8.1 12.1#
80 6.4 9.1 13.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF080763.D
Acq: 1 Aug 2015 6:09

Tgt Ion:240 Resp: 258617
Ion Ratio Lower Upper
240 100
120 13.3 11.8 17.8
236 25.9 21.8 32.8





#78

Terphenyl-d14

Concen: 110.92 ng

RT: 12.96 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF080763.D

Acq: 1 Aug 2015 6:09

Instrument :

BNA_F

ClientSampleId :

FB-7-28-15

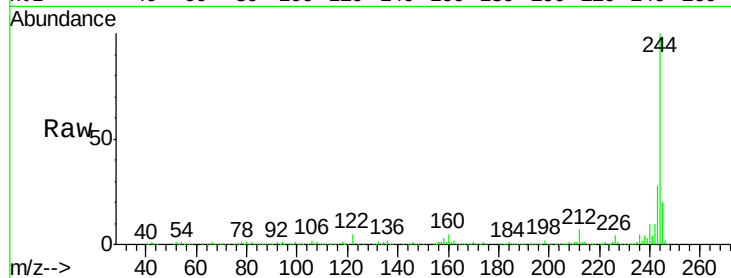
Tgt Ion:244 Resp: 1516726

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

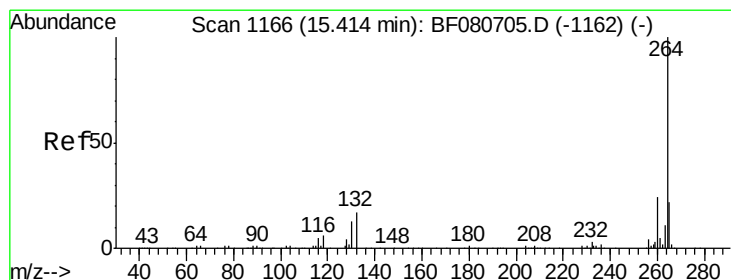
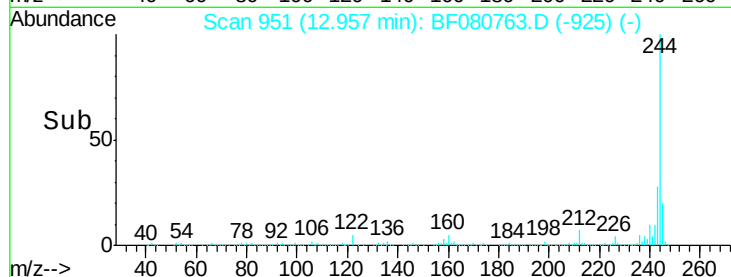
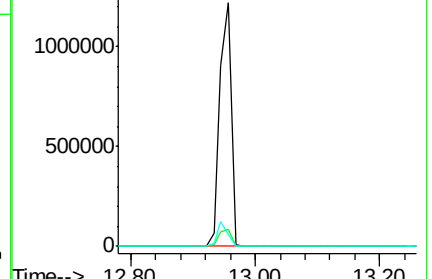
122 5.0 6.6 9.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF080763.D

Acq: 1 Aug 2015 6:09

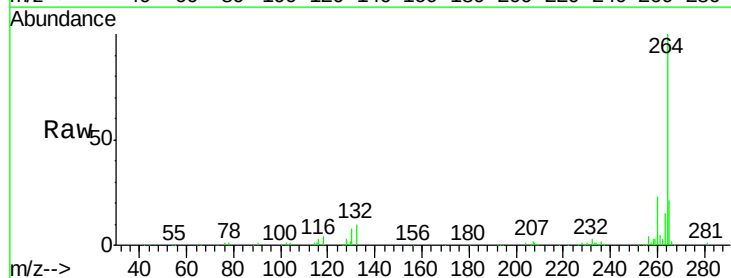
Tgt Ion:264 Resp: 249380

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.0

265 21.2 17.3 25.9



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

