

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
 Data File : BF080697.D
 Acq On : 28 Jul 2015 4:26
 Operator : TP/UM
 Sample : G2973-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

Quant Time: Jul 28 10:46:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 05:06:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	83729	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	306606	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	144136	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	246169	20.00	ng	0.00
75) Chrysene-d12	14.25	240	136399	20.00	ng	0.00
86) Perylene-d12	15.93	264	103760	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	228549	43.47	ng	0.00
7) Phenol-d6	6.53	99	171897	30.39	ng	0.00
23) Nitrobenzene-d5	7.48	82	345437	57.88	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	112884	89.48	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	651990	56.99	ng	0.00
78) Terphenyl-d14	13.08	244	494427	62.10	ng	0.01

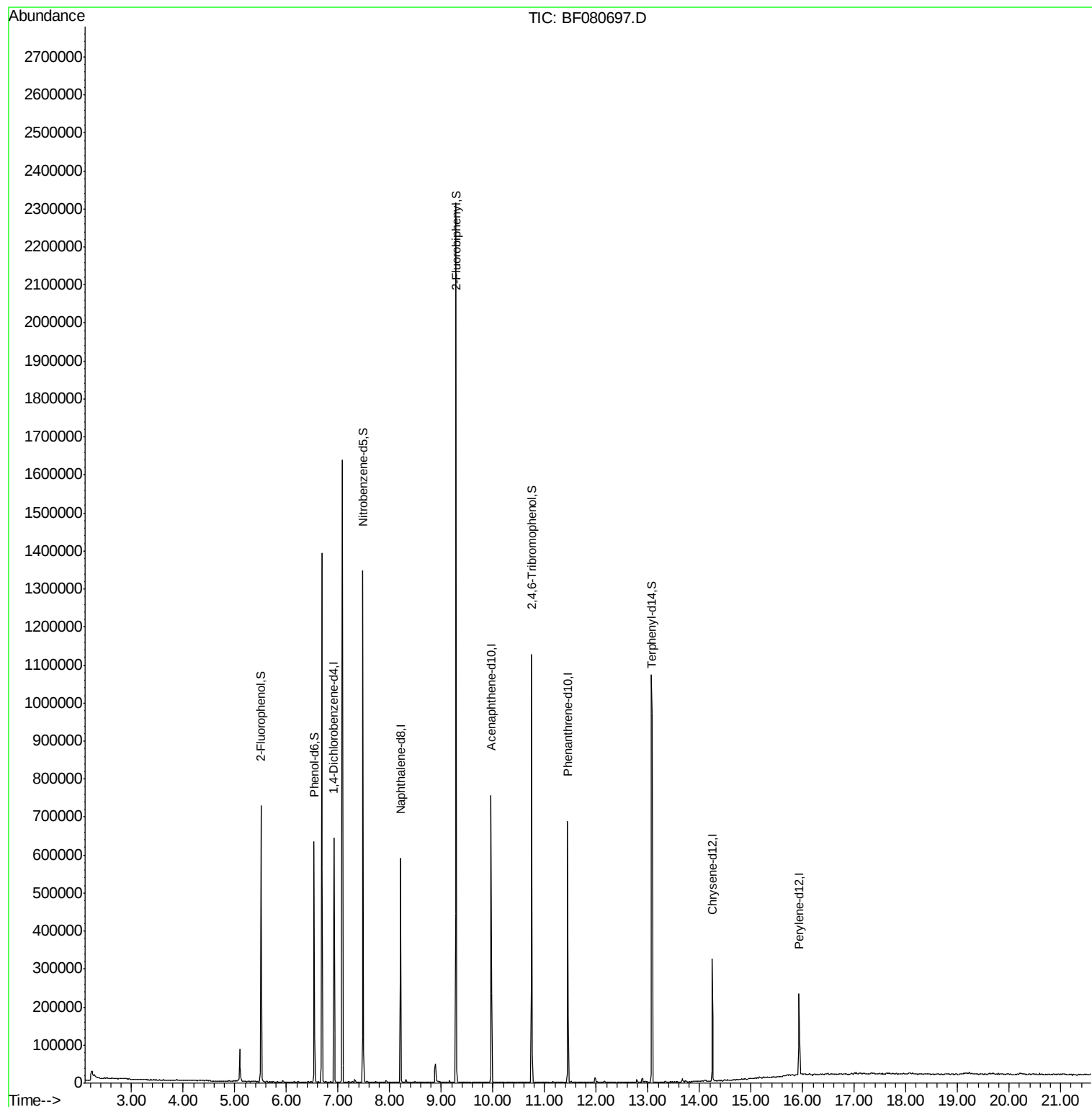
Target Compounds Qvalue

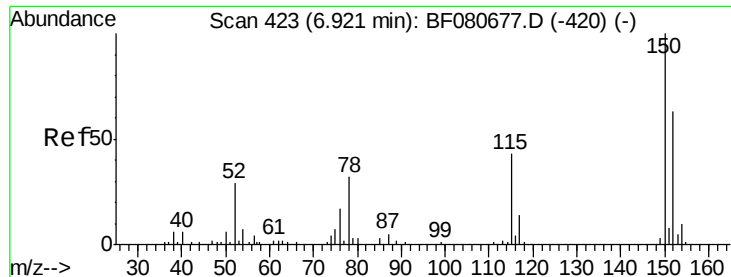
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080697.D

Acq: 28 Jul 2015 4:26

Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

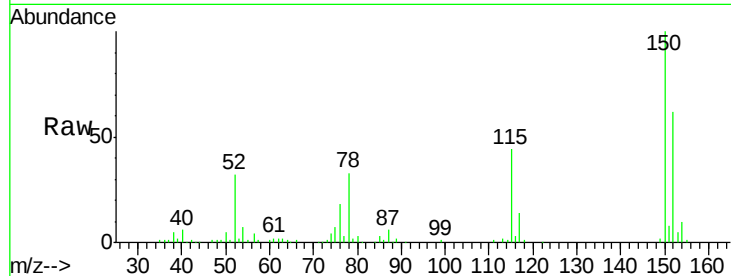
Tot Ion:152 Resp: 83729

Ion Ratio Lower Upper

152 100

150 160.0 127.7 191.5

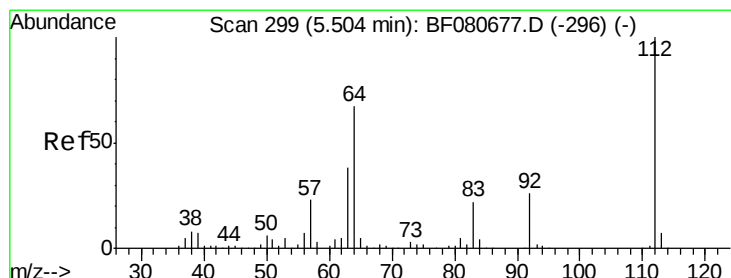
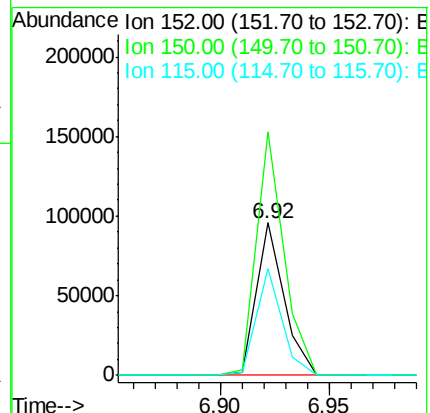
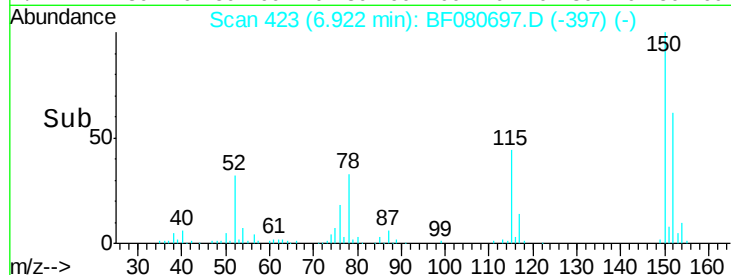
115 69.7 54.2 81.4



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: 43.47 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF080697.D

Acq: 28 Jul 2015 4:26

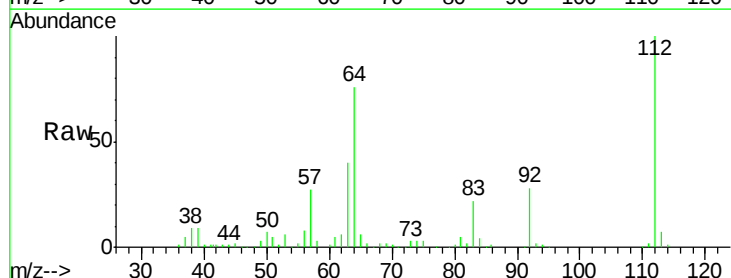
Tgt Ion:112 Resp: 228549

Ion Ratio Lower Upper

112 100

64 76.2 53.2 79.8

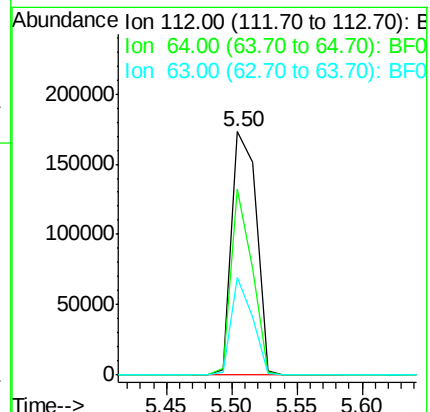
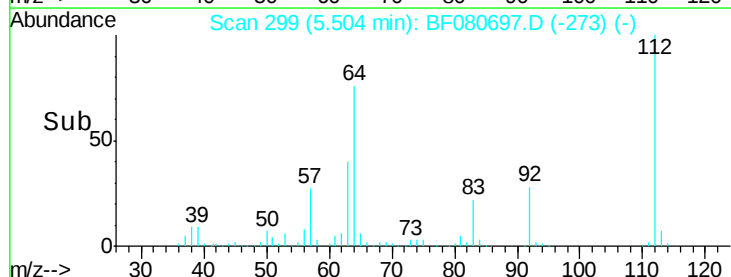
63 39.9 30.4 45.6

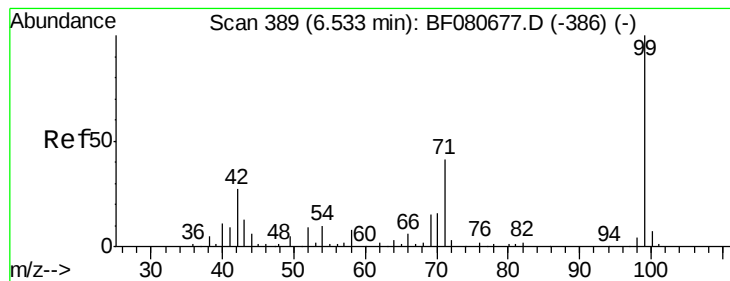


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.39 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF080697.D

Acq: 28 Jul 2015 4:26

Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

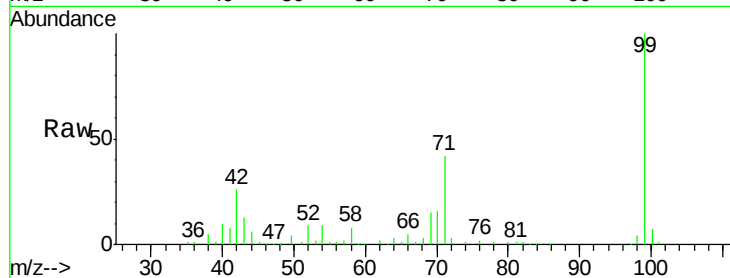
Tot Ion: 99 Resp: 171897

Ion Ratio Lower Upper

99 100

42 25.8 21.8 32.8

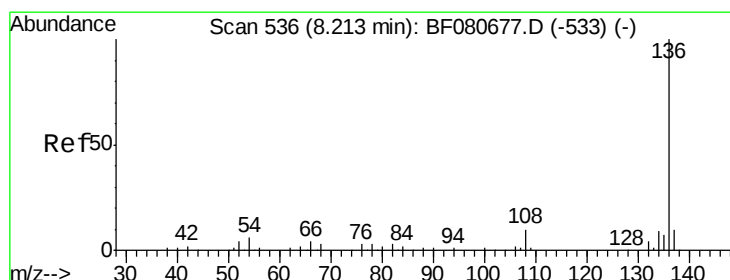
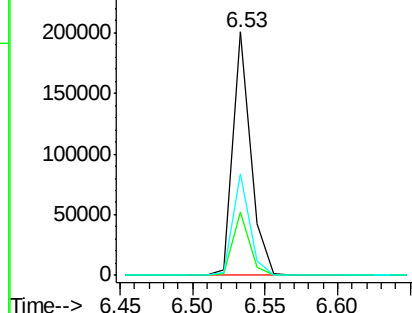
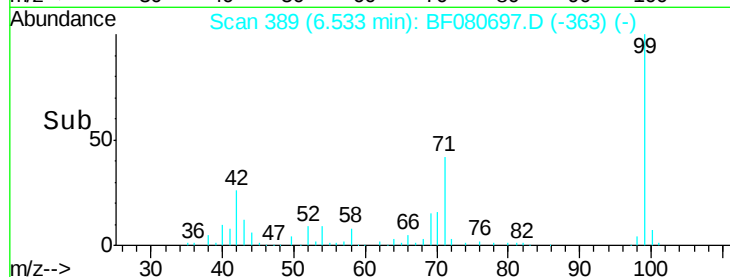
71 41.5 32.9 49.3



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: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF080697.D

Acq: 28 Jul 2015 4:26

Tgt Ion: 136 Resp: 306606

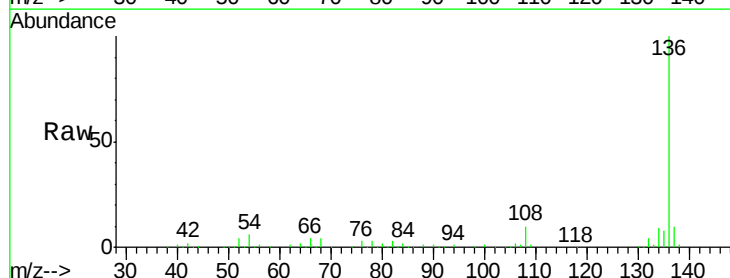
Ion Ratio Lower Upper

136 100

137 9.9 8.2 12.2

54 6.0 5.0 7.4

68 3.7 2.7 4.1

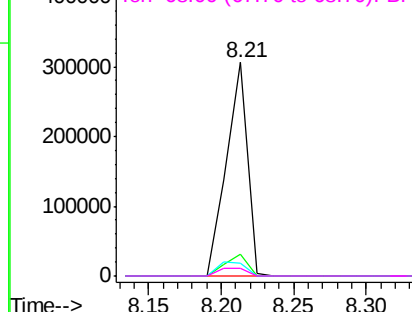
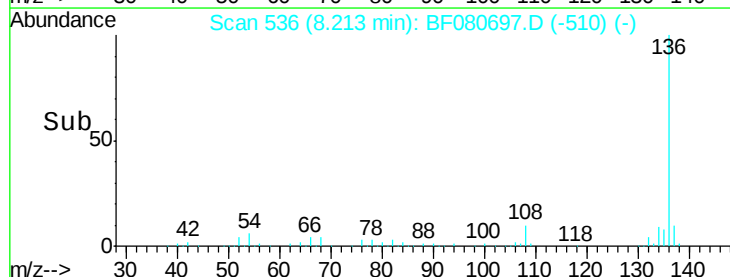


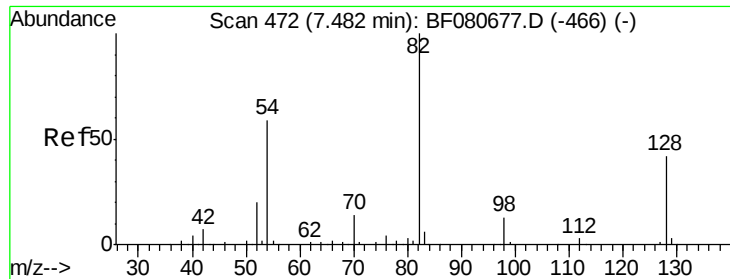
Abundance Ion 136.00 (135.70 to 136.70): E

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

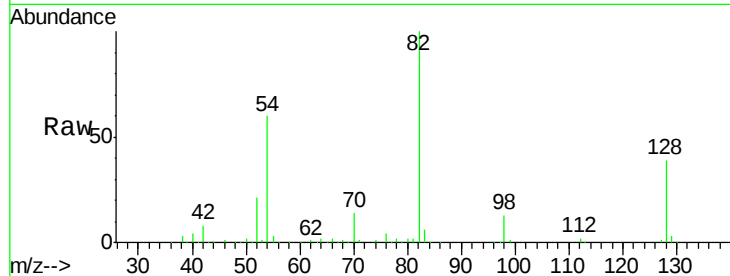




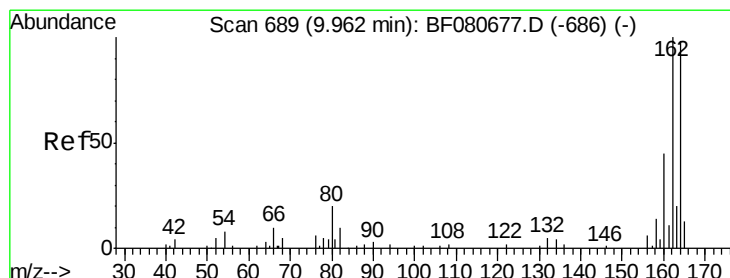
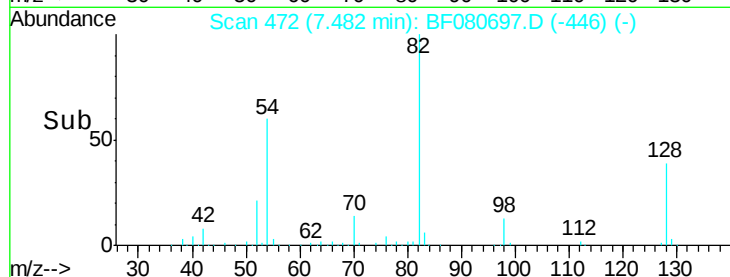
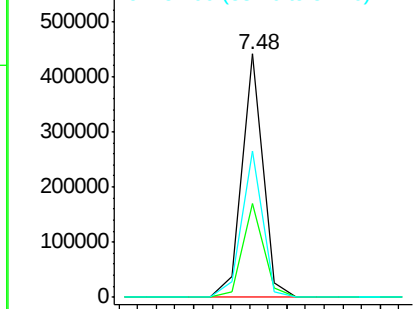
#23
 Nitrobenzene-d5
 Concen: 57.88 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF080697.D
 Acq: 28 Jul 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

Tot Ion: 82 Resp: 345437
 Ion Ratio Lower Upper
 82 100
 128 38.6 33.7 50.5
 54 60.3 47.3 70.9

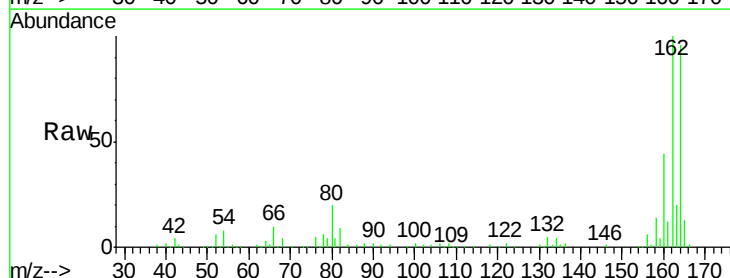


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

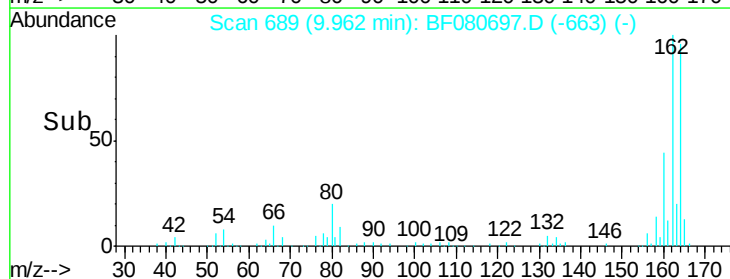
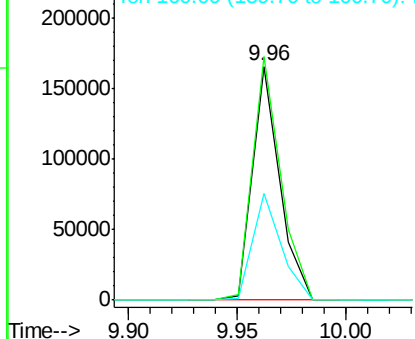


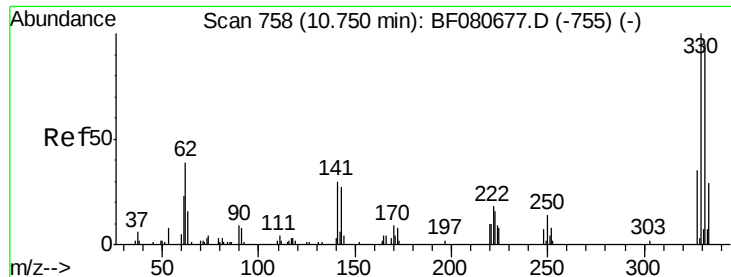
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF080697.D
 Acq: 28 Jul 2015 4:26

Tgt Ion:164 Resp: 144136
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.0 123.0
 160 45.4 36.7 55.1



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

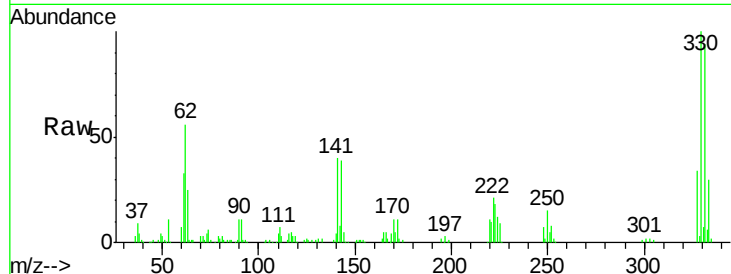




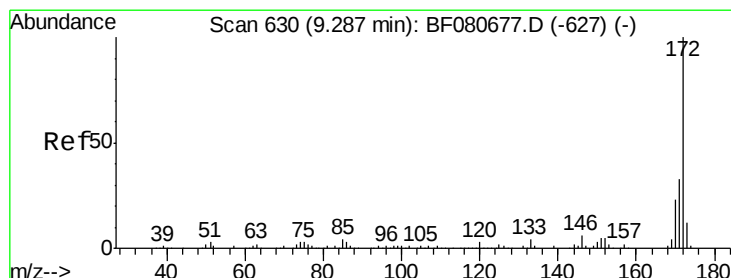
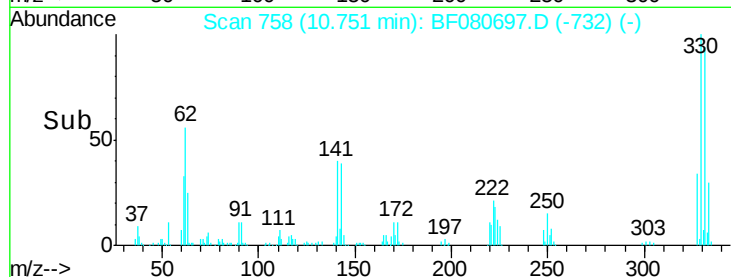
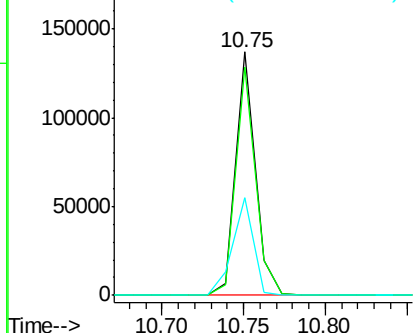
#41
 2,4,6-Tribromophenol
 Concen: 89.48 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF080697.D
 Acq: 28 Jul 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.9	115.3
141	42.5	30.6	45.8

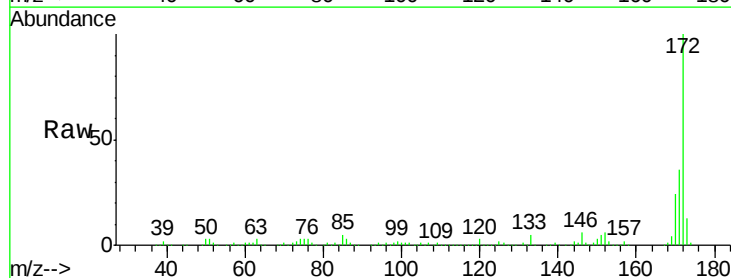


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

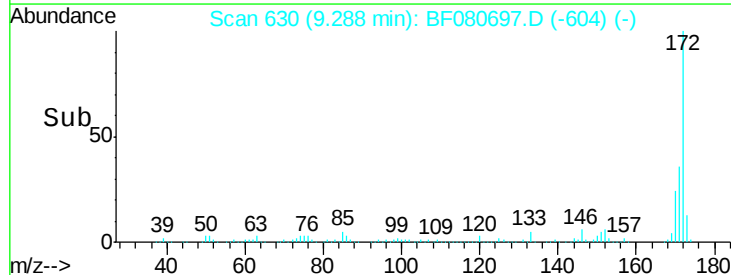
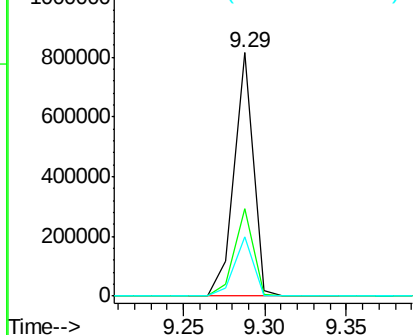


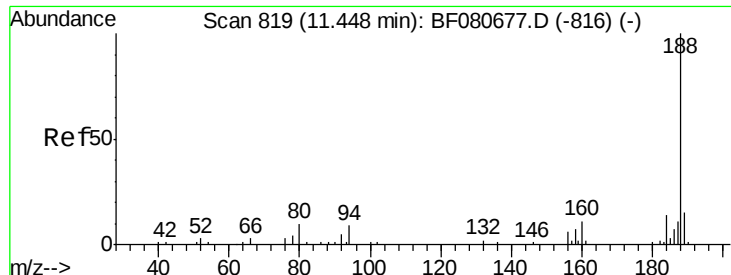
#44
 2-Fluorobiphenyl
 Concen: 56.99 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF080697.D
 Acq: 28 Jul 2015 4:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	26.6	39.8
170	24.2	18.6	28.0



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

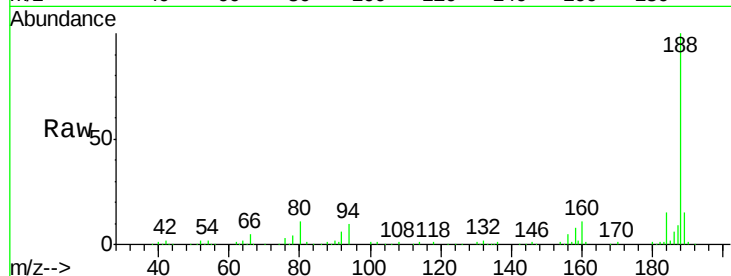




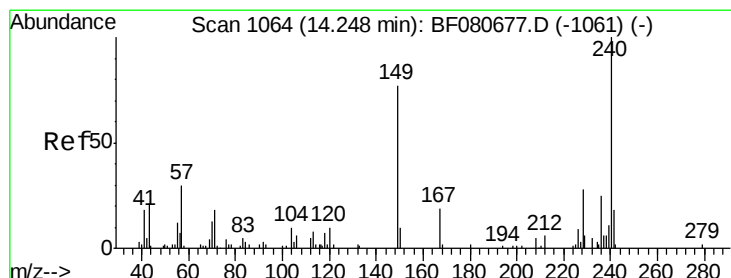
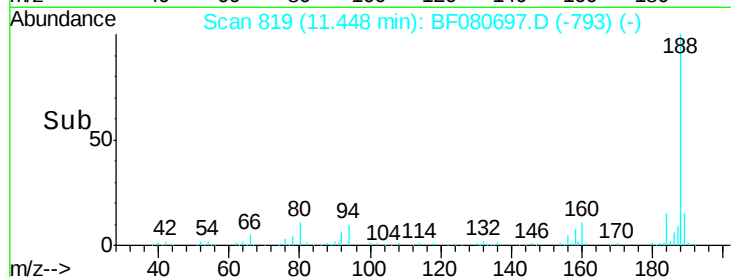
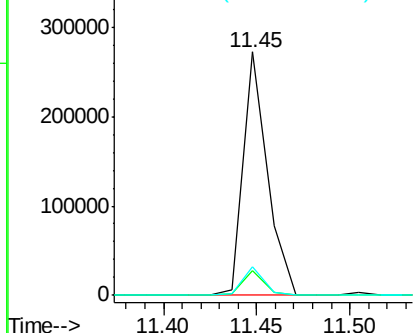
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF080697.D
Acq: 28 Jul 2015 4:26

Instrument :
BNA_F
ClientSampleId :
RINSATEBLANK

Tot Ion:188 Resp: 246169
Ion Ratio Lower Upper
188 100
94 10.2 7.2 10.8
80 11.5 8.2 12.2

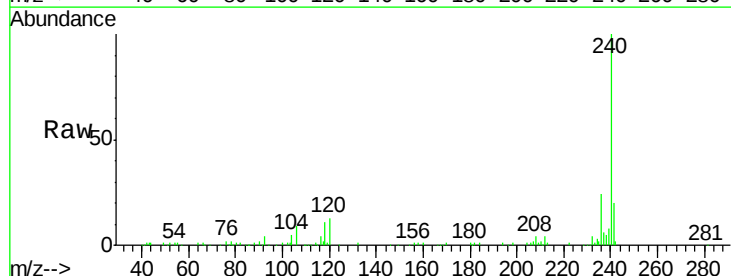


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

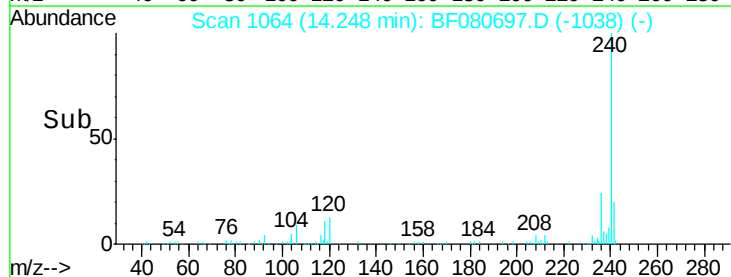
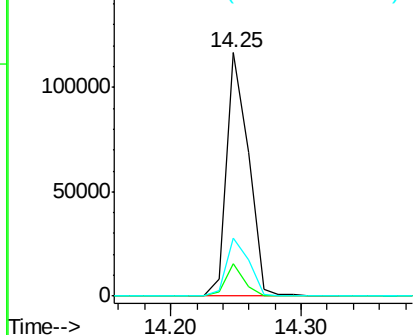


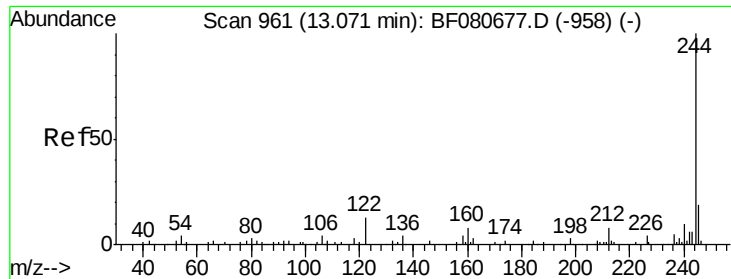
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.25 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF080697.D
Acq: 28 Jul 2015 4:26

Tgt Ion:240 Resp: 136399
Ion Ratio Lower Upper
240 100
120 13.1 8.0 12.0#
236 24.0 20.0 30.0



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

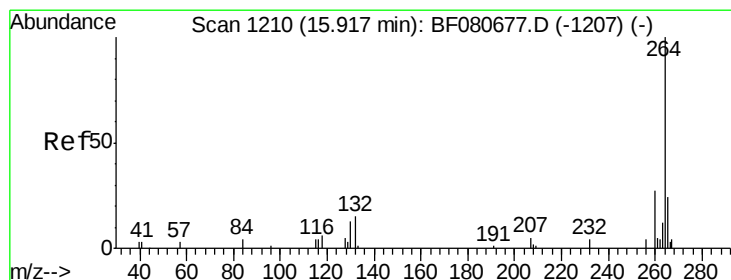
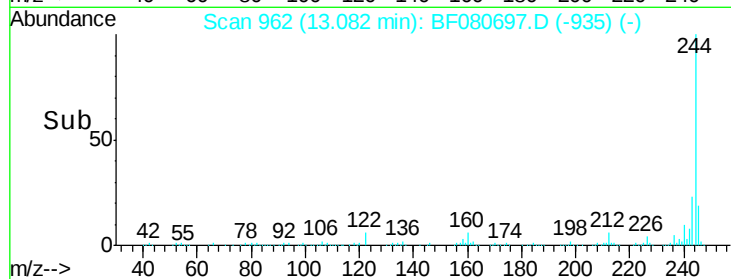
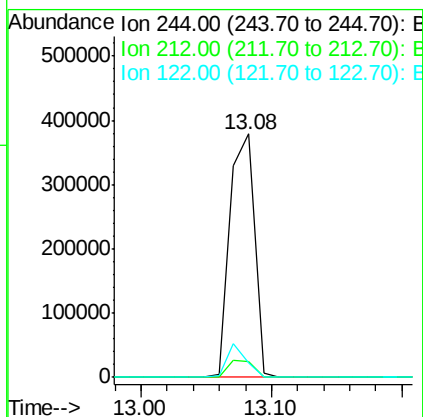
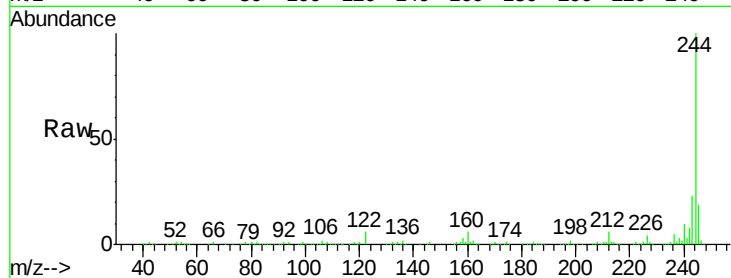




#78
 Terphenyl-d14
 Concen: 62.10 ng
 RT: 13.08 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF080697.D
 Acq: 28 Jul 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

Tot Ion:244 Resp: 494427
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.1 9.1
 122 5.8 10.2 15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.93 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF080697.D
 Acq: 28 Jul 2015 4:26

Tgt Ion:264 Resp: 103760
 Ion Ratio Lower Upper
 264 100
 260 22.8 21.6 32.4
 265 20.1 19.3 28.9

