

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080767.D
 Acq On : 1 Aug 2015 8:12
 Operator : TP/UM
 Sample : G3121-10
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-1(0-19FTBGS)

Quant Time: Aug 03 01:36:27 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	133212	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	495270	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	230072	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	459388	20.00	ng	0.00
75) Chrysene-d12	14.00	240	288031	20.00	ng	0.00
86) Perylene-d12	15.40	264	273554	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1006774	129.65	ng	0.02
7) Phenol-d6	6.49	99	1365024	129.12	ng	0.00
23) Nitrobenzene-d5	7.41	82	926639	90.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	385493	161.47	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1602841	103.93	ng	-0.01
78) Terphenyl-d14	12.96	244	1720340	112.96	ng	0.00

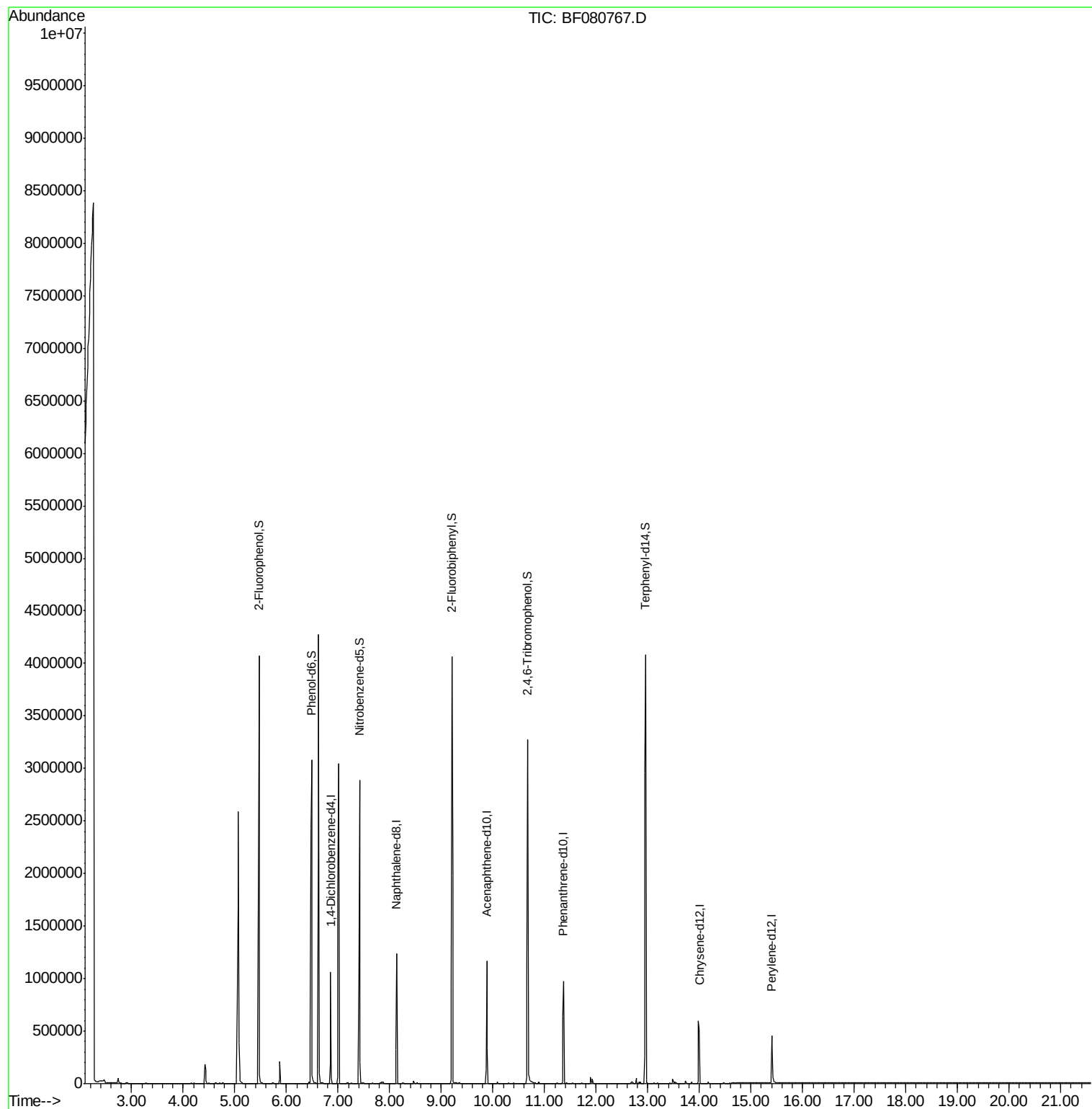
Target Compounds	Qvalue
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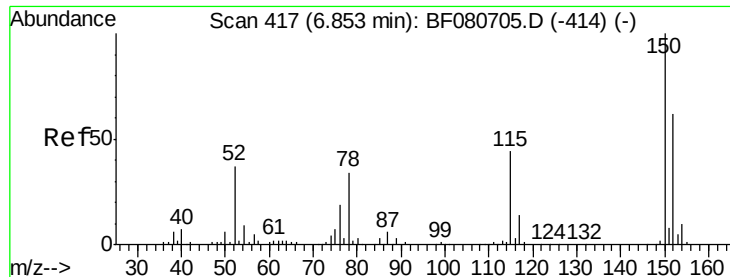
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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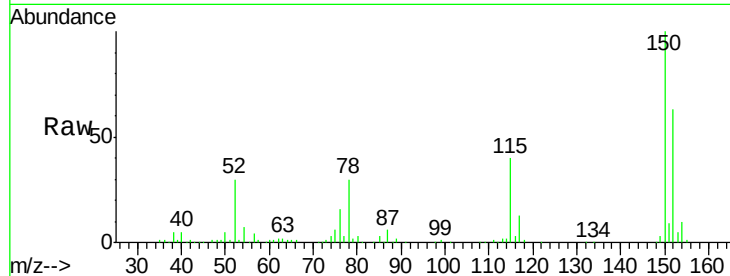




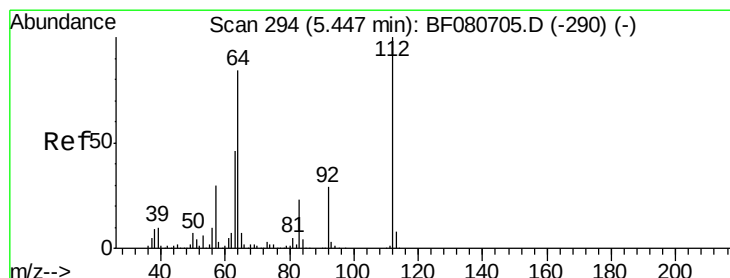
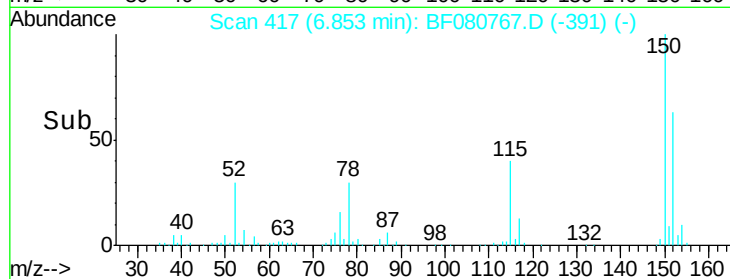
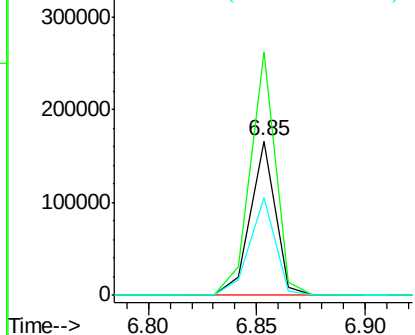
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080767.D
 Acq: 1 Aug 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-1(0-19FTBGS)

Tgt Ion:152 Resp: 133212
 Ion Ratio Lower Upper
 152 100
 150 157.7 129.6 194.4
 115 63.7 56.6 85.0

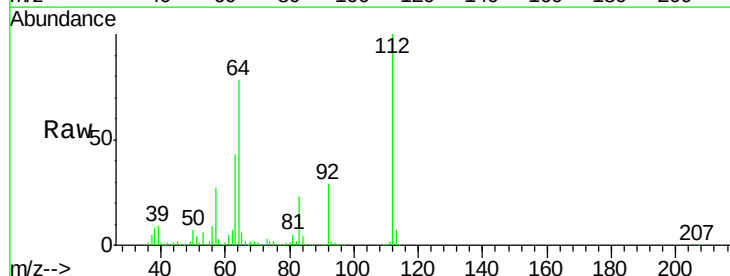


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

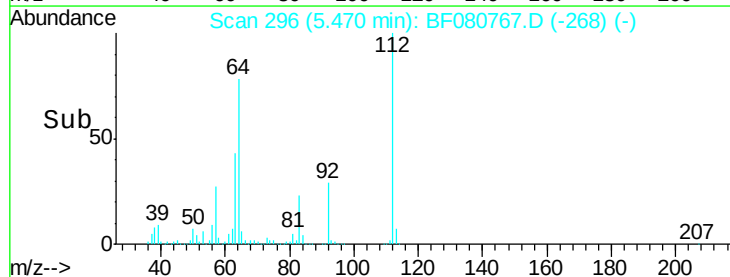
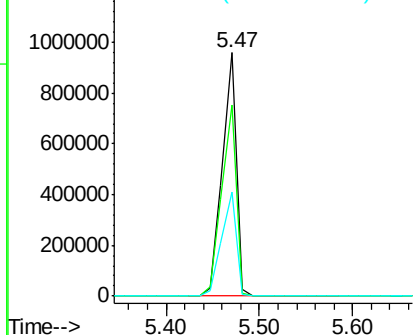


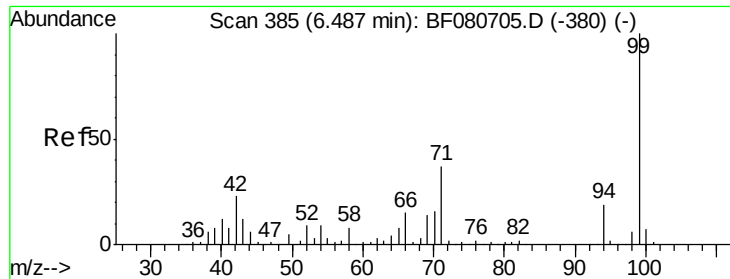
#5
 2-Fluorophenol
 Concen: 129.65 ng
 RT: 5.47 min Scan# 296
 Delta R.T. 0.02 min
 Lab File: BF080767.D
 Acq: 1 Aug 2015 8:12

Tgt Ion:112 Resp: 1006774
 Ion Ratio Lower Upper
 112 100
 64 78.3 66.8 100.2
 63 42.9 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: 129.12 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080767.D

Acq: 1 Aug 2015 8:12

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-1(0-19FTBGS)

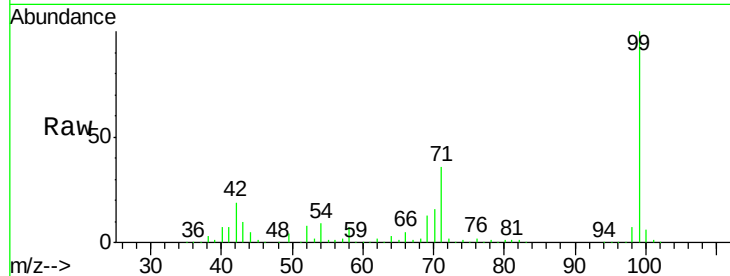
Tgt Ion: 99 Resp: 1365024

Ion Ratio Lower Upper

99 100

42 19.5 18.2 27.2

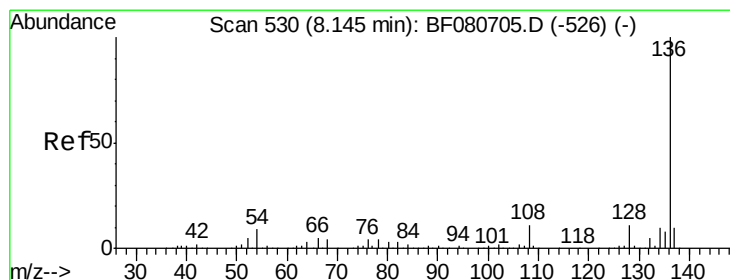
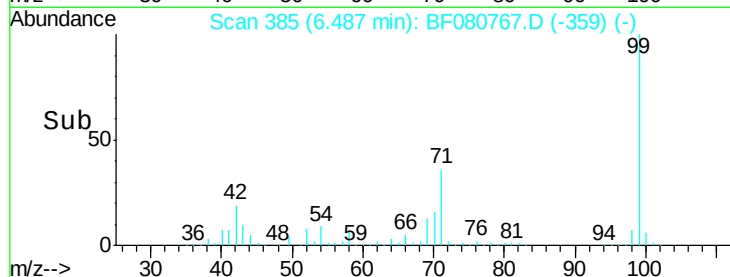
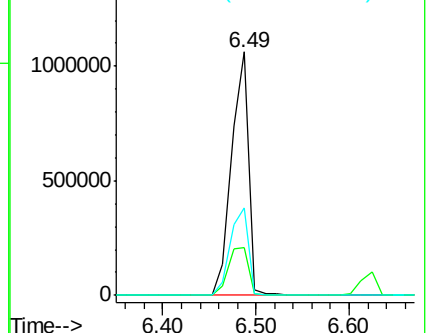
71 36.2 29.5 44.3



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: BF080767.D

Acq: 1 Aug 2015 8:12

Tgt Ion: 136 Resp: 495270

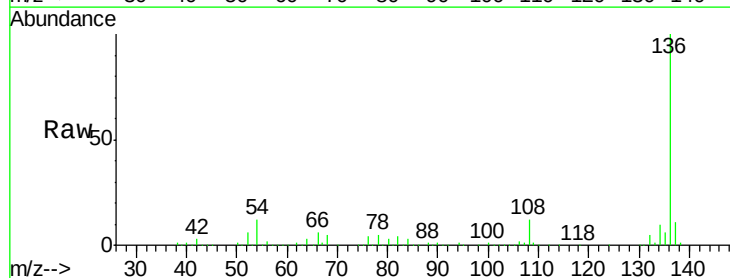
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 11.5 6.9 10.3#

68 5.1 3.5 5.3

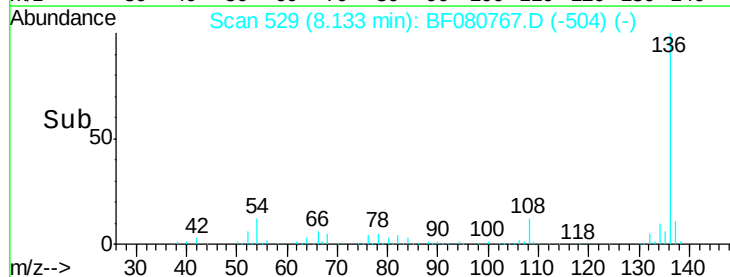
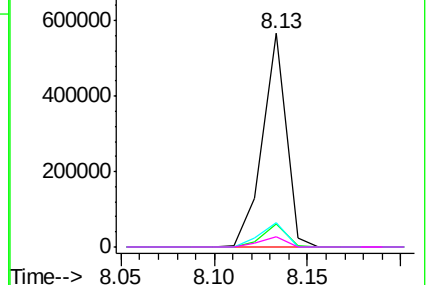


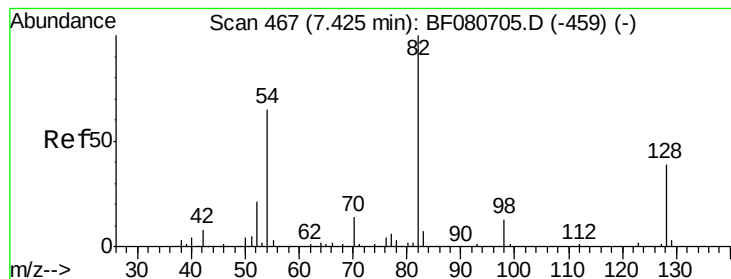
Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.60 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF080767.D

Acq: 1 Aug 2015 8:12

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-1(0-19FTBGS)

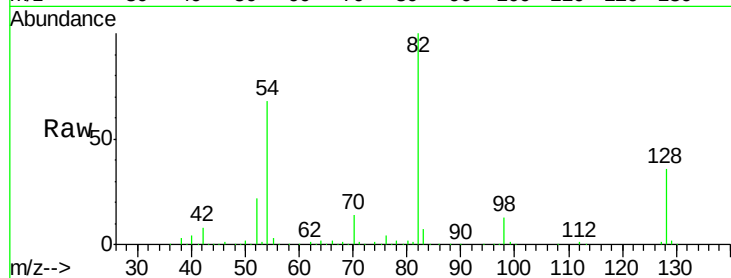
Tgt Ion: 82 Resp: 926639

Ion Ratio Lower Upper

82 100

128 36.0 31.5 47.3

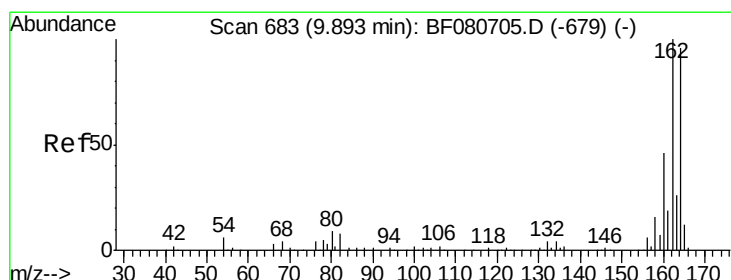
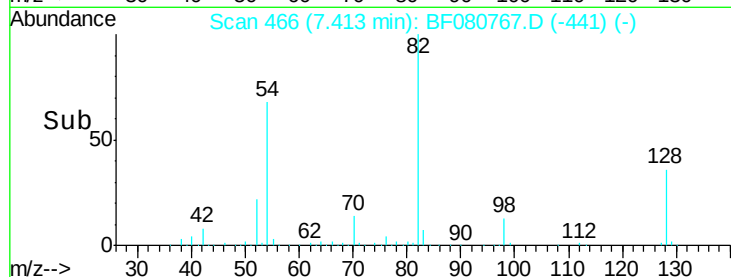
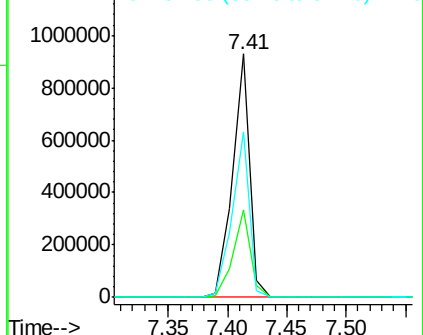
54 67.8 51.8 77.8



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: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080767.D

Acq: 1 Aug 2015 8:12

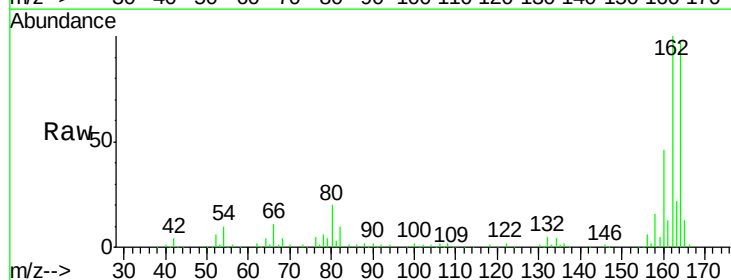
Tgt Ion: 164 Resp: 230072

Ion Ratio Lower Upper

164 100

162 103.4 83.4 125.0

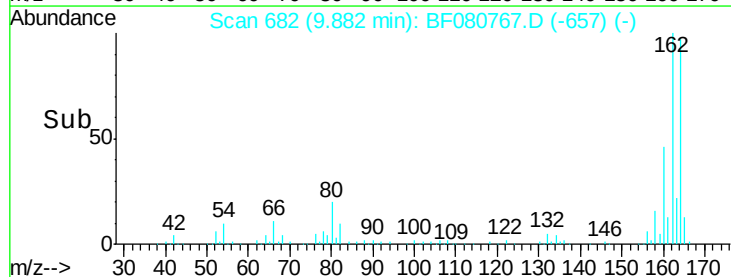
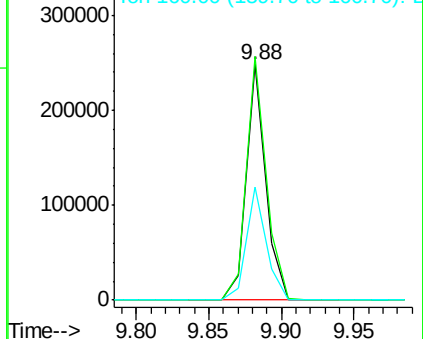
160 47.9 38.0 57.0

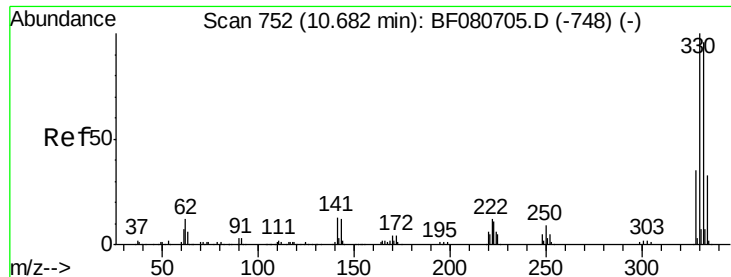


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

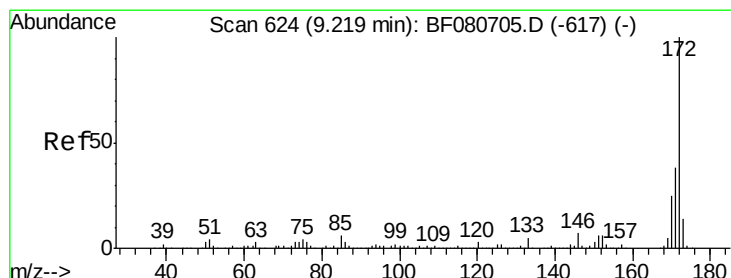
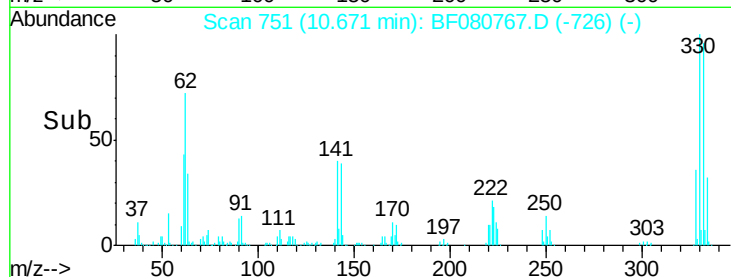
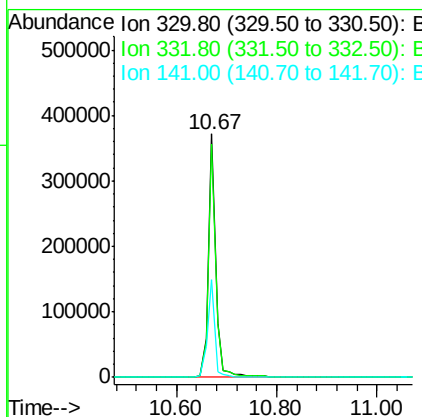
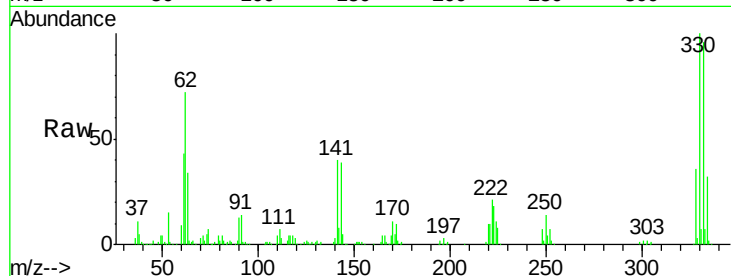




#41
 2,4,6-Tribromophenol
 Concen: 161.47 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080767.D
 Acq: 1 Aug 2015 8:12

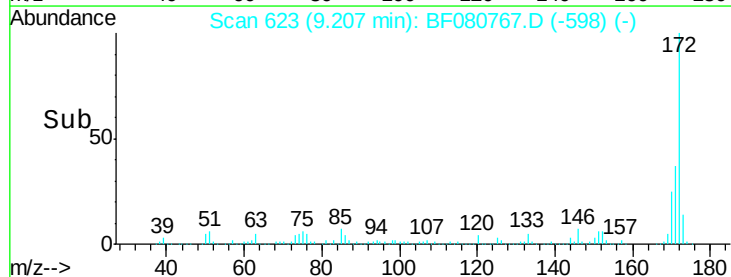
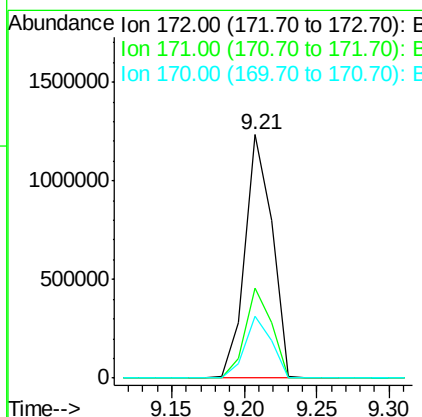
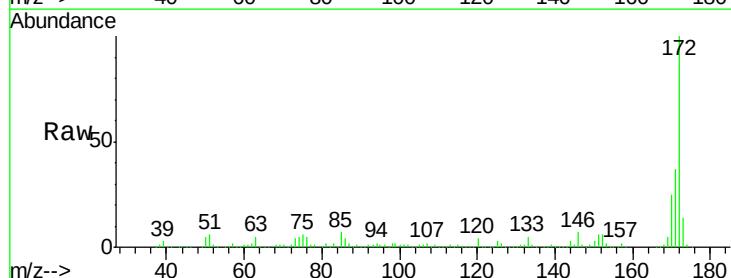
Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-1(0-19FTBGS)

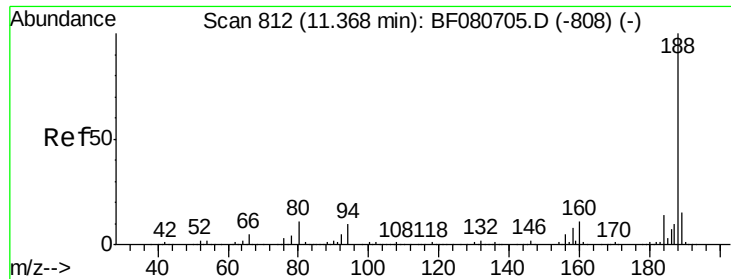
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	39.7	26.0	39.0#



#44
 2-Fluorobiphenyl
 Concen: 103.93 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080767.D
 Acq: 1 Aug 2015 8:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.2	45.4
170	25.2	20.2	30.2

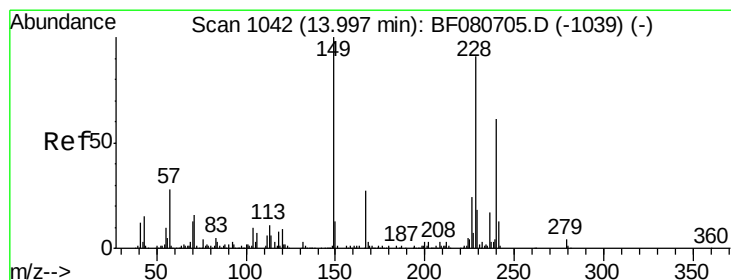
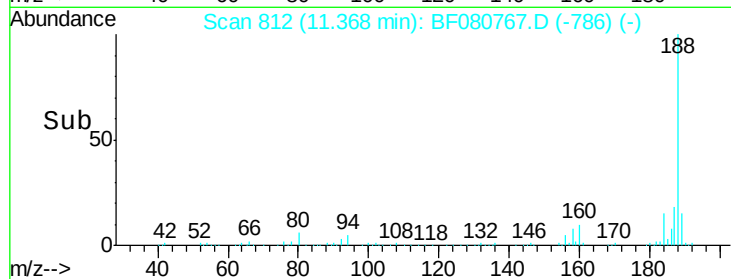
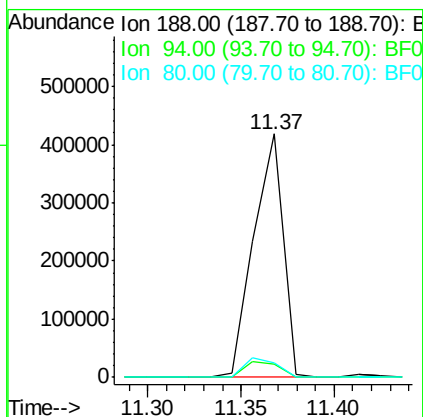
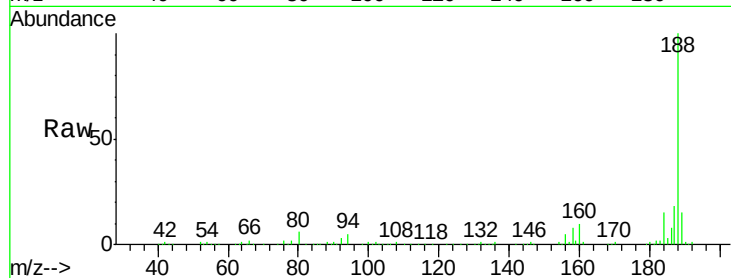




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080767.D
Acq: 1 Aug 2015 8:12

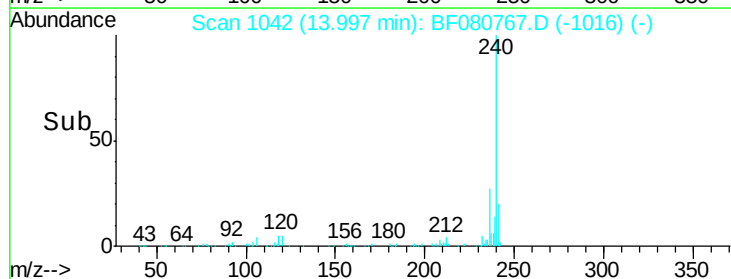
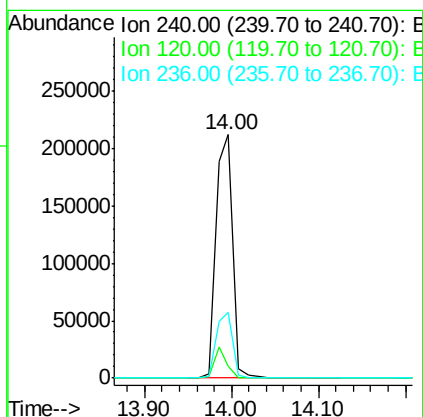
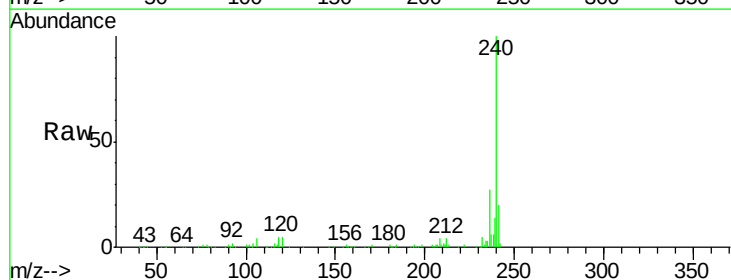
Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-1(0-19FTBGS)

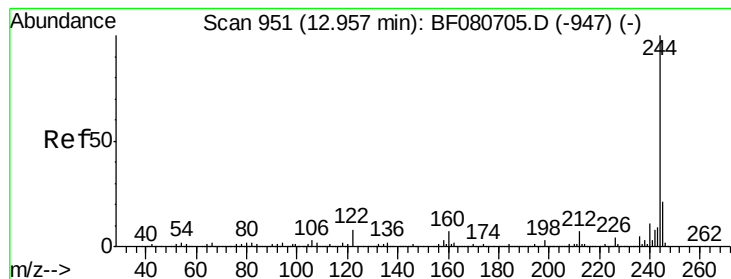
Tgt Ion:188 Resp: 459388
Ion Ratio Lower Upper
188 100
94 5.3 8.1 12.1#
80 5.8 9.1 13.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080767.D
Acq: 1 Aug 2015 8:12

Tgt Ion:240 Resp: 288031
Ion Ratio Lower Upper
240 100
120 5.0 11.8 17.8#
236 27.1 21.8 32.8





#78

Terphenyl-d14

Concen: 112.96 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080767.D

Acq: 1 Aug 2015 8:12

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-1(0-19FTBGS)

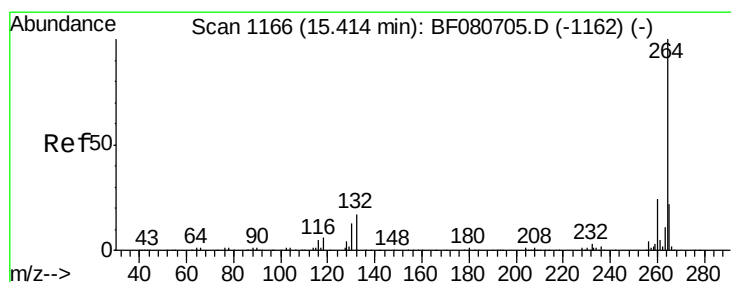
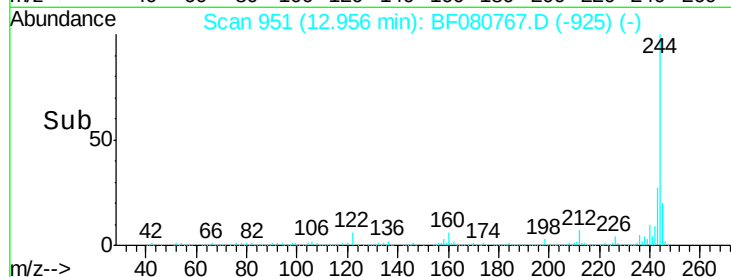
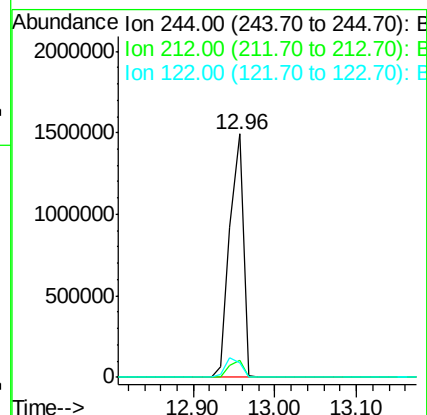
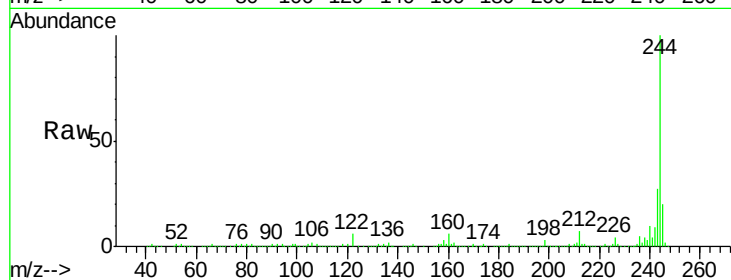
Tgt Ion:244 Resp: 1720340

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 6.1 6.6 9.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF080767.D

Acq: 1 Aug 2015 8:12

Tgt Ion:264 Resp: 273554

Ion Ratio Lower Upper

264 100

260 22.6 19.4 29.0

265 20.7 17.3 25.9

