

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080768.D
 Acq On : 1 Aug 2015 8:42
 Operator : TP/UM
 Sample : G3121-11
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-3(0-19FTBGS)

Quant Time: Aug 03 01:43:51 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	122570	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	463319	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	210315	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	415162	20.00	ng	0.00
75) Chrysene-d12	13.99	240	261838	20.00	ng	-0.01
86) Perylene-d12	15.40	264	239514	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	929865	130.14	ng	0.02
7) Phenol-d6	6.48	99	969377	99.66	ng	-0.01
23) Nitrobenzene-d5	7.41	82	878908	91.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	344655	157.93	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1361502	96.58	ng	-0.01
78) Terphenyl-d14	12.96	244	1383334	99.92	ng	0.00

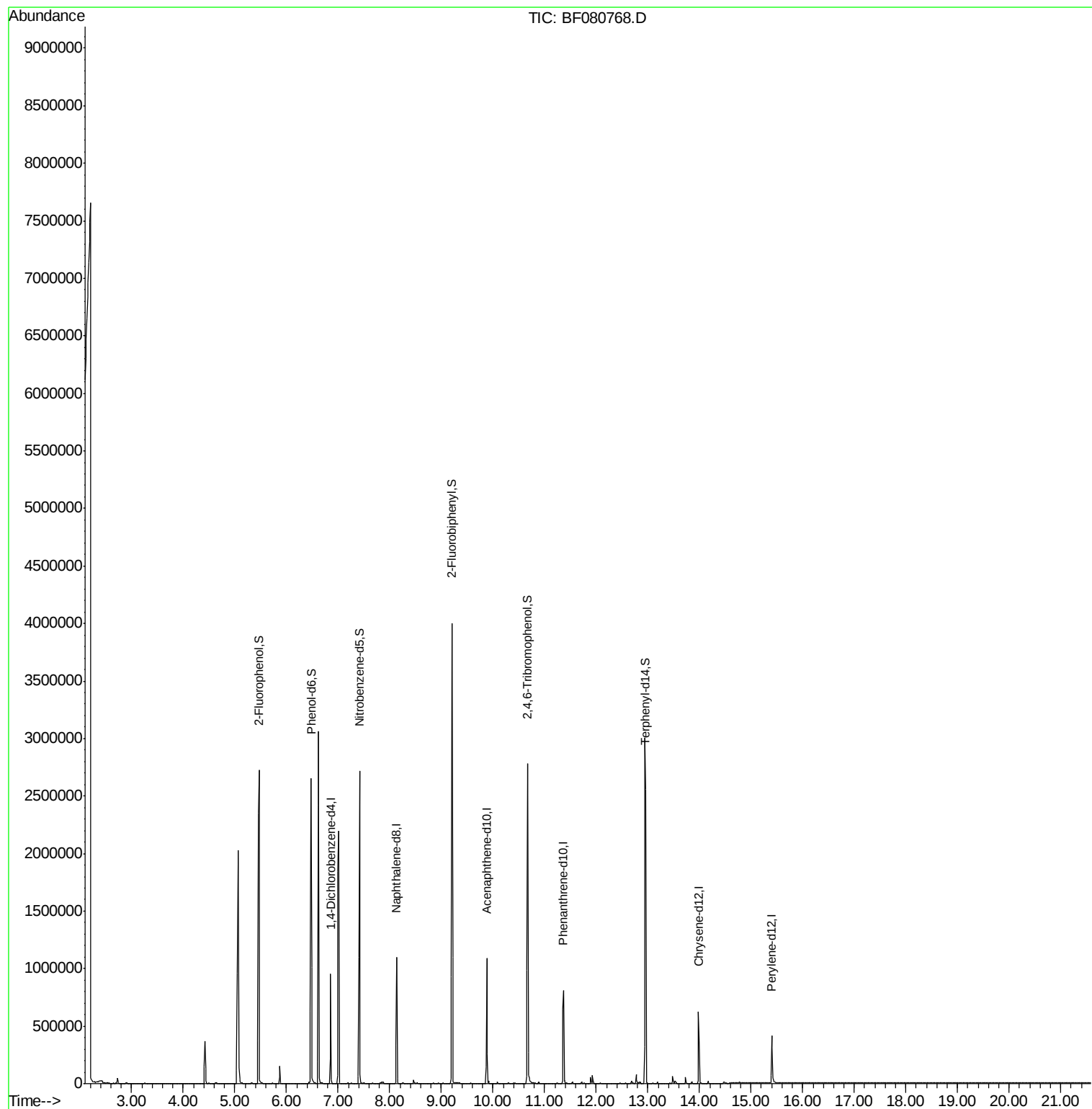
Target Compounds	Qvalue
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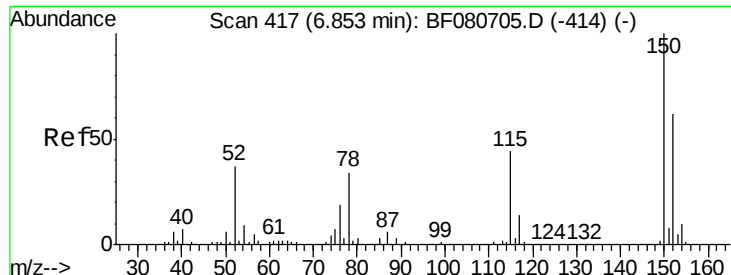
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 31 01:45:22 2015
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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: BF080768.D

Acq: 1 Aug 2015 8:42

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-3(0-19FTBGS)

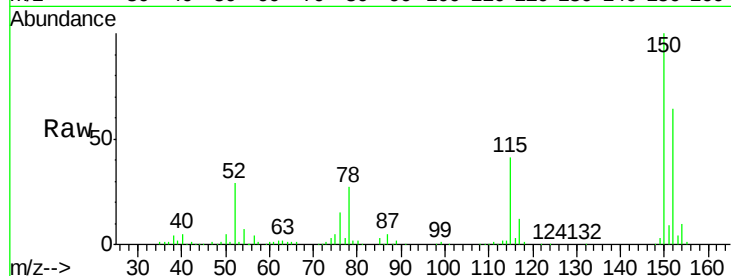
Tgt Ion:152 Resp: 122570

Ion Ratio Lower Upper

152 100

150 157.1 129.6 194.4

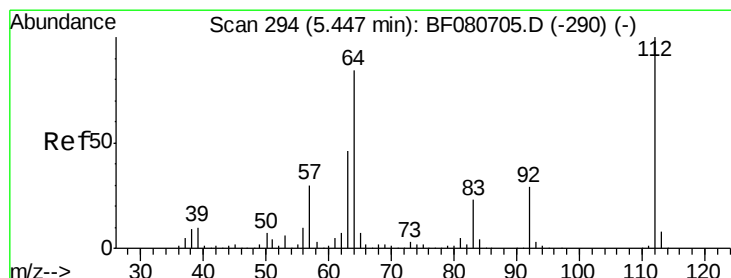
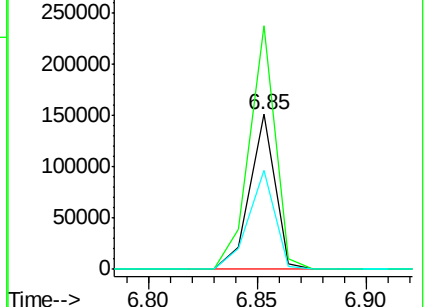
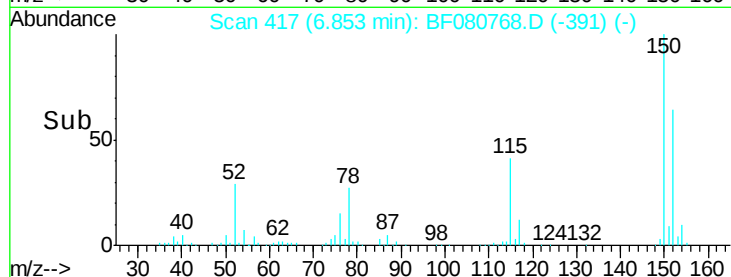
115 63.7 56.6 85.0



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: 130.14 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF080768.D

Acq: 1 Aug 2015 8:42

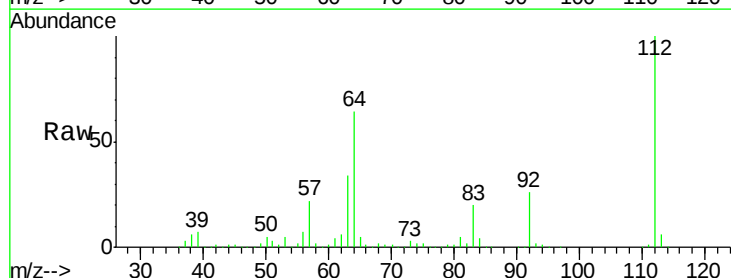
Tgt Ion:112 Resp: 929865

Ion Ratio Lower Upper

112 100

64 64.0 66.8 100.2#

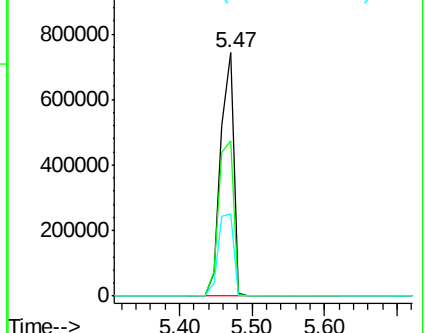
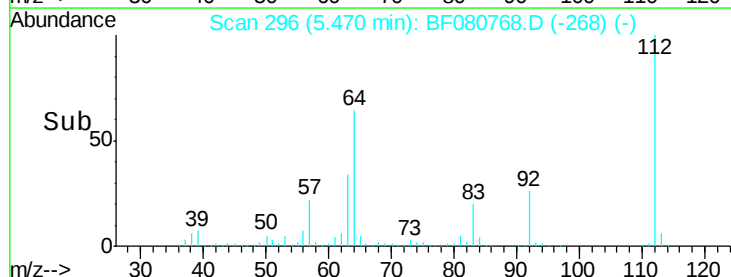
63 34.1 36.7 55.1#

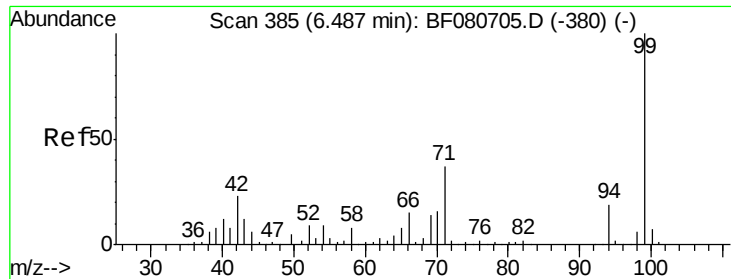


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.66 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080768.D

Acq: 1 Aug 2015 8:42

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-3(0-19FTBGS)

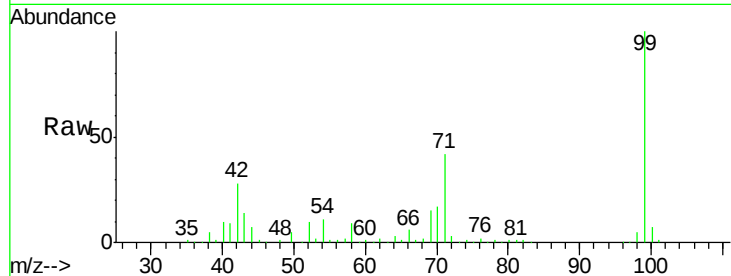
Tgt Ion: 99 Resp: 969377

Ion Ratio Lower Upper

99 100

42 27.5 18.2 27.2#

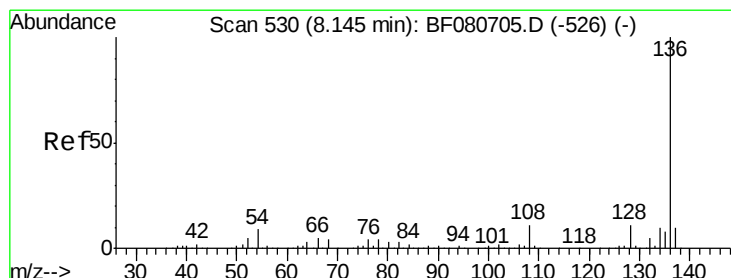
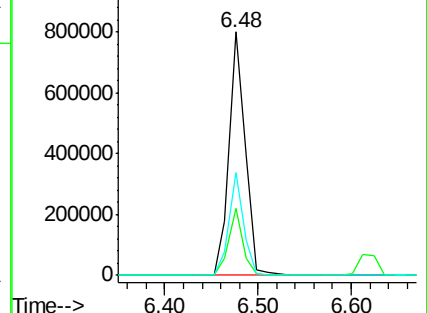
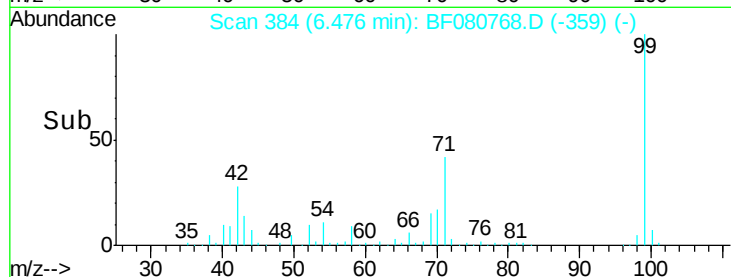
71 42.2 29.5 44.3



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: BF080768.D

Acq: 1 Aug 2015 8:42

Tgt Ion: 136 Resp: 463319

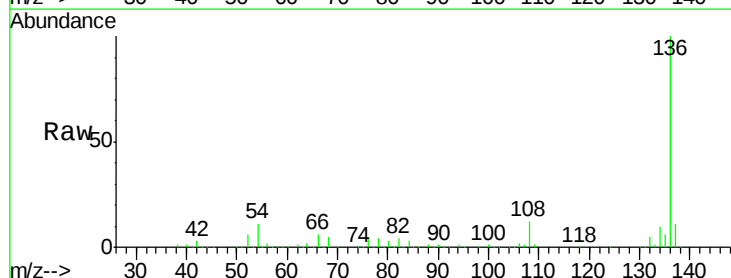
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 11.1 6.9 10.3#

68 5.1 3.5 5.3

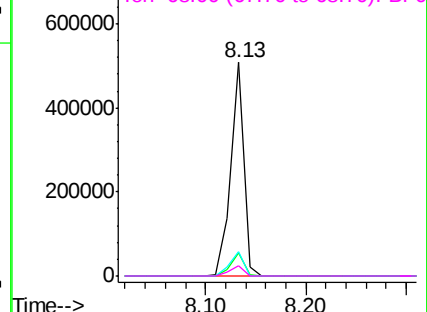
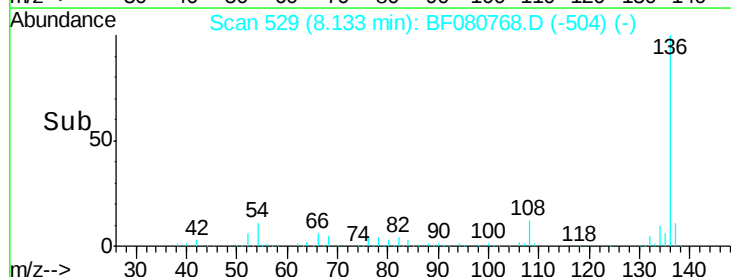


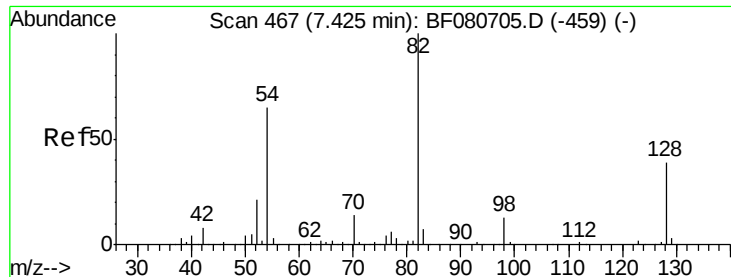
Abundance Ion 136.00 (135.70 to 136.70): E

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

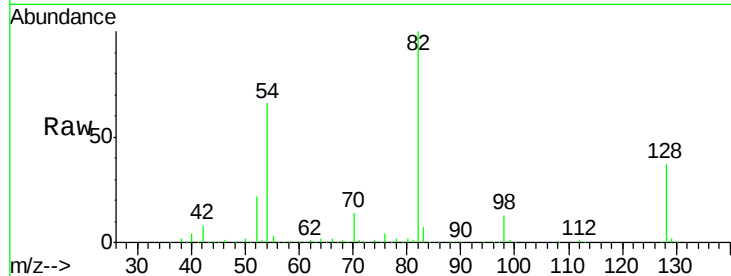




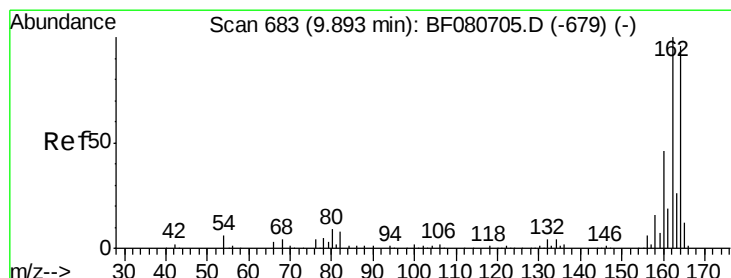
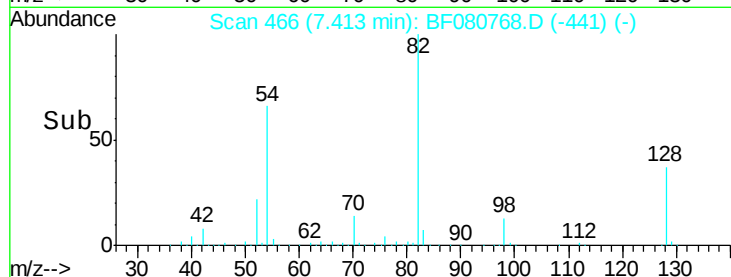
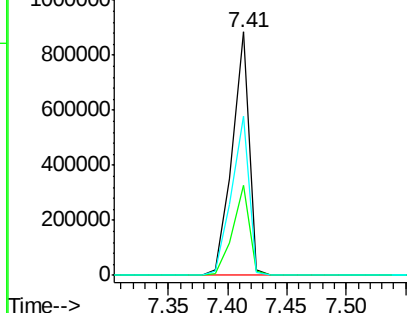
#23
 Nitrobenzene-d5
 Concen: 91.86 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080768.D
 Acq: 1 Aug 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-3(0-19FTBGS)

Tgt Ion: 82 Resp: 878908
 Ion Ratio Lower Upper
 82 100
 128 36.9 31.5 47.3
 54 65.5 51.8 77.8

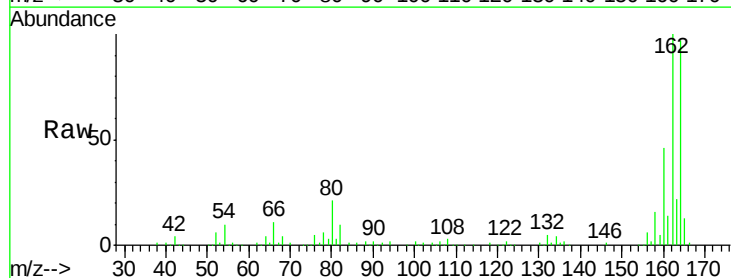


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

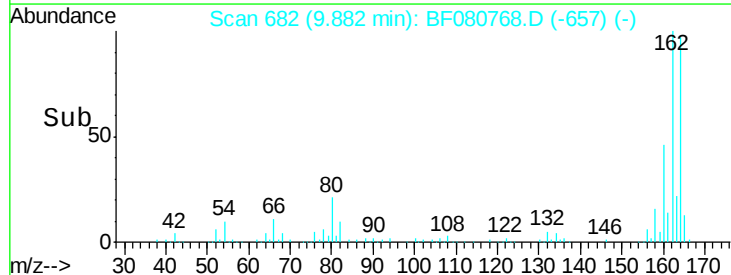
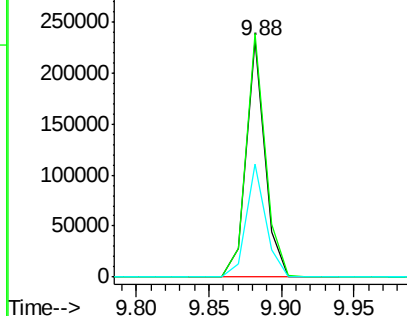


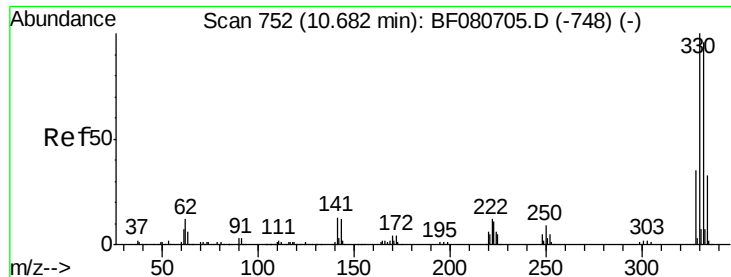
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF080768.D
 Acq: 1 Aug 2015 8:42

Tgt Ion: 164 Resp: 210315
 Ion Ratio Lower Upper
 164 100
 162 102.9 83.4 125.0
 160 47.6 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

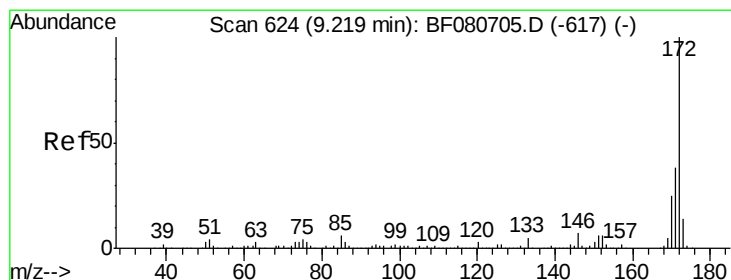
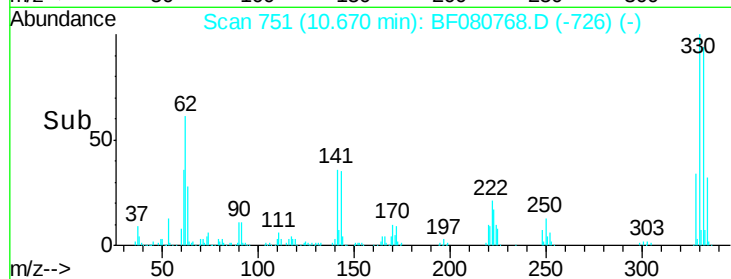
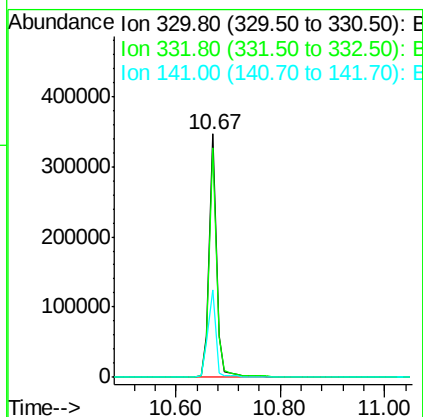
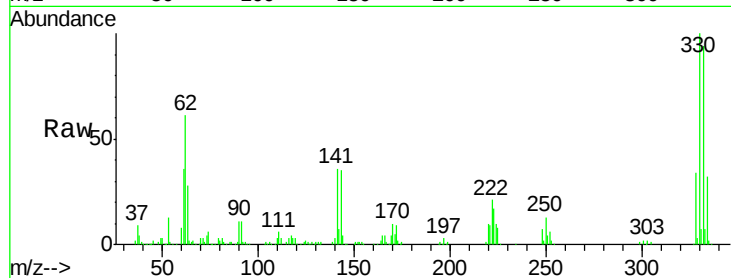




#41
 2,4,6-Tribromophenol
 Concen: 157.93 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080768.D
 Acq: 1 Aug 2015 8:42

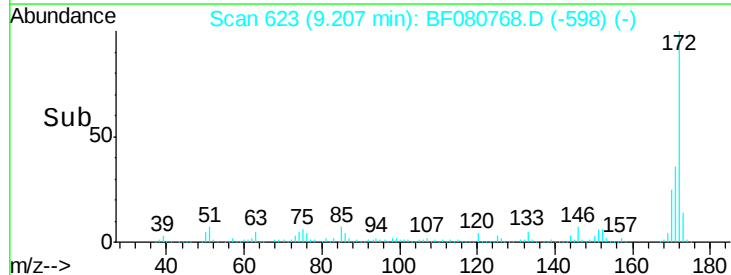
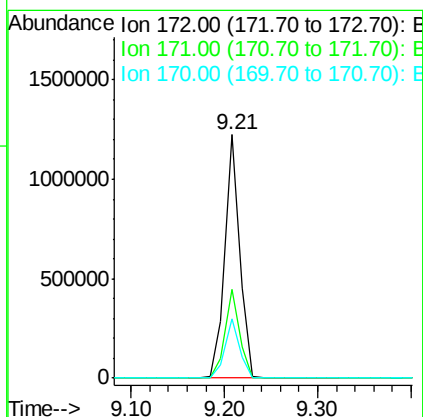
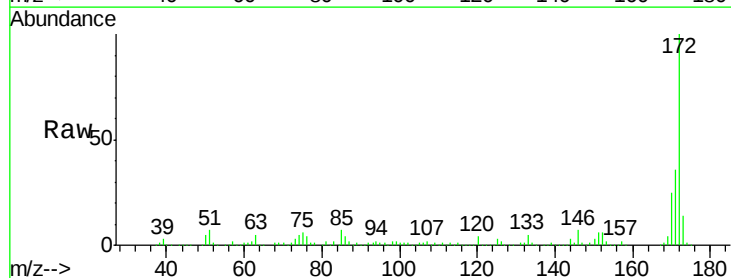
Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-3(0-19FTBGS)

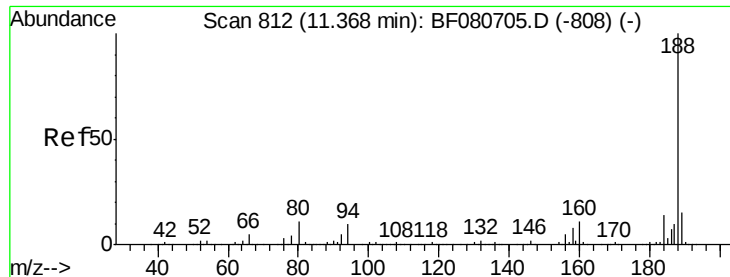
Tgt Ion:330 Resp: 344655
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 114.8
 141 38.5 26.0 39.0



#44
 2-Fluorobiphenyl
 Concen: 96.58 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080768.D
 Acq: 1 Aug 2015 8:42

Tgt Ion:172 Resp: 1361502
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.2 45.4
 170 24.6 20.2 30.2

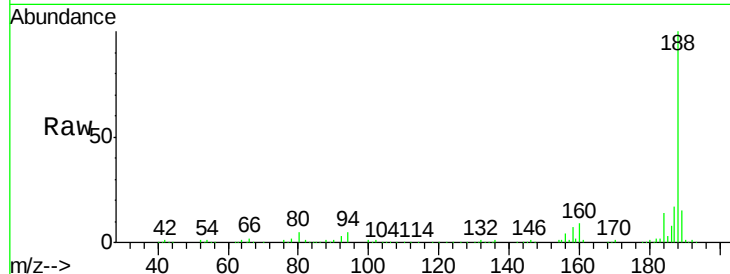




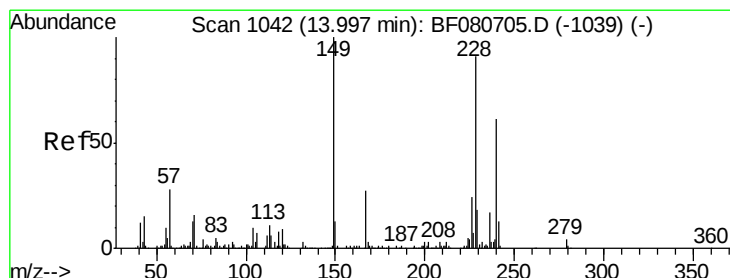
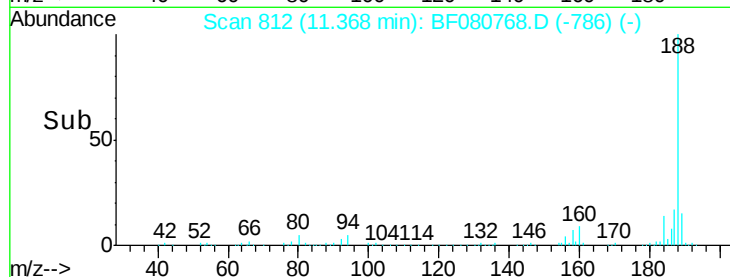
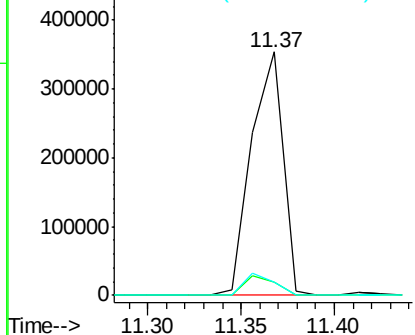
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080768.D
Acq: 1 Aug 2015 8:42

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-3(0-19FTBGS)

Tgt Ion:188 Resp: 415162
Ion Ratio Lower Upper
188 100
94 5.4 8.1 12.1#
80 5.4 9.1 13.7#

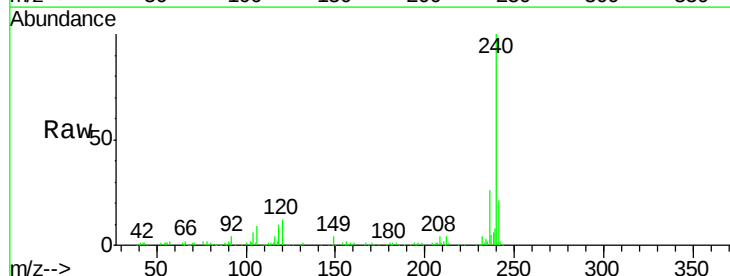


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

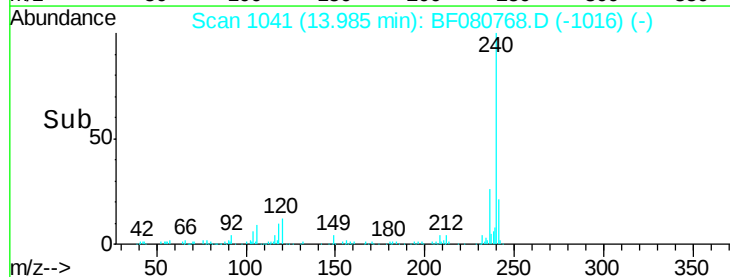
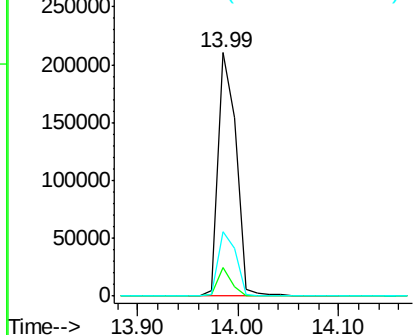


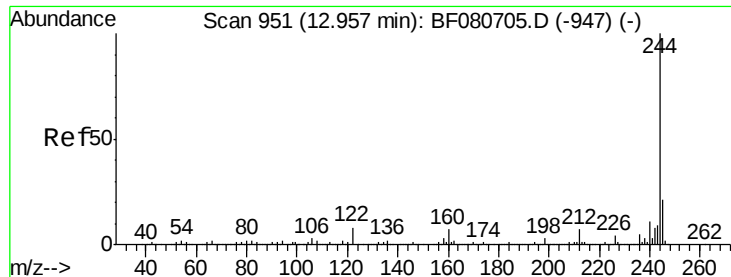
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF080768.D
Acq: 1 Aug 2015 8:42

Tgt Ion:240 Resp: 261838
Ion Ratio Lower Upper
240 100
120 11.6 11.8 17.8#
236 26.4 21.8 32.8



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: 99.92 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080768.D

Acq: 1 Aug 2015 8:42

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-3(0-19FTBGS)

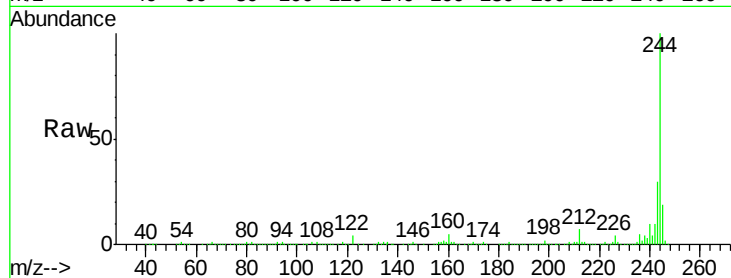
Tgt Ion:244 Resp: 1383334

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

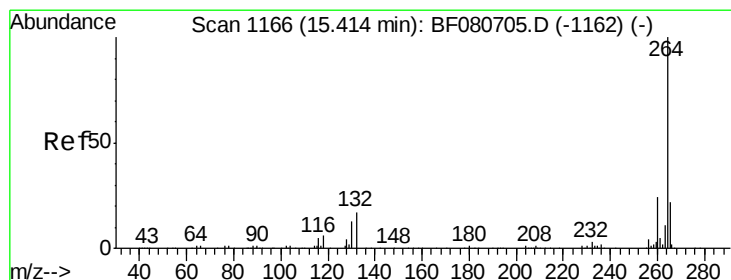
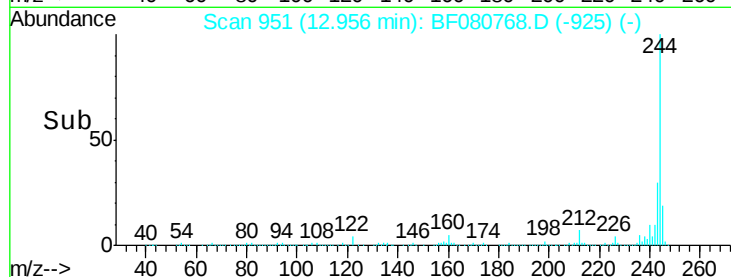
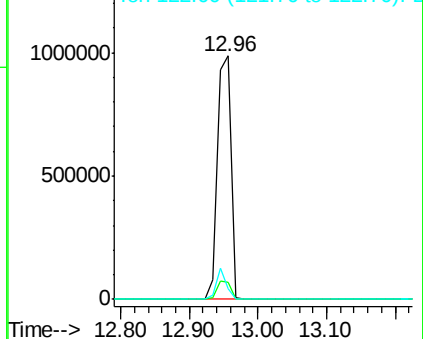
122 4.5 6.6 9.8#



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: 15.40 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF080768.D

Acq: 1 Aug 2015 8:42

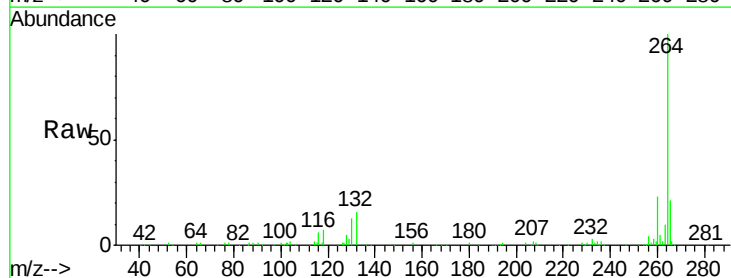
Tgt Ion:264 Resp: 239514

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.0

265 21.3 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

