

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
 Data File : BF080716.D
 Acq On : 31 Jul 2015 3:30
 Operator : TP/UM
 Sample : G3077-11RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-5-(6-12)RE

Quant Time: Jul 31 05:06:17 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	174087	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	646428	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	318155	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	662768	20.00	ng	0.00
75) Chrysene-d12	14.00	240	471611	20.00	ng	0.00
86) Perylene-d12	15.41	264	321281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1183334	116.61	ng	0.02
7) Phenol-d6	6.49	99	1708152	123.64	ng	0.00
23) Nitrobenzene-d5	7.41	82	1055448	79.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	512351	155.20	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2054166	96.32	ng	0.00
78) Terphenyl-d14	12.96	244	1883897	75.55	ng	0.00

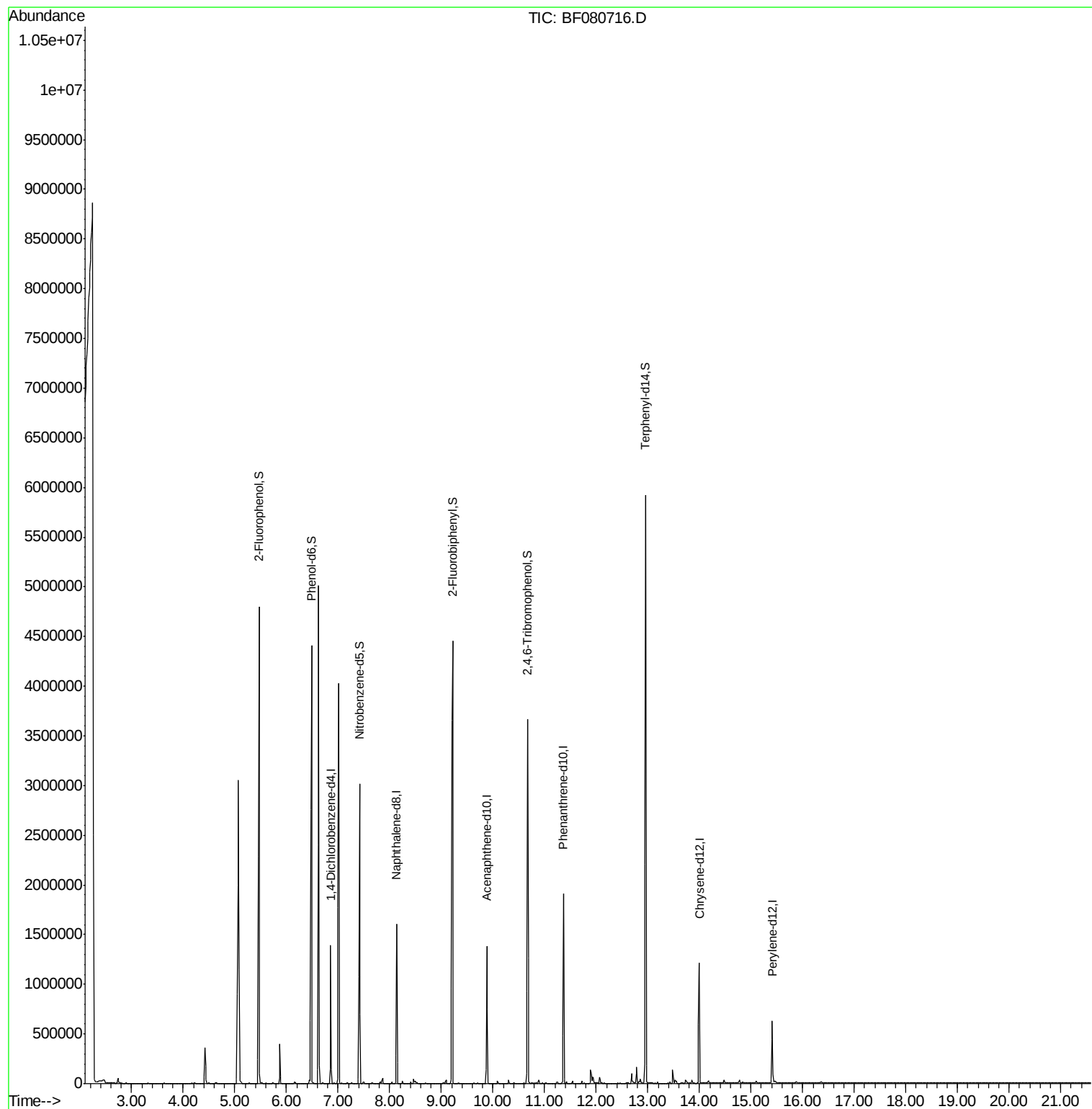
Target Compounds	Qvalue
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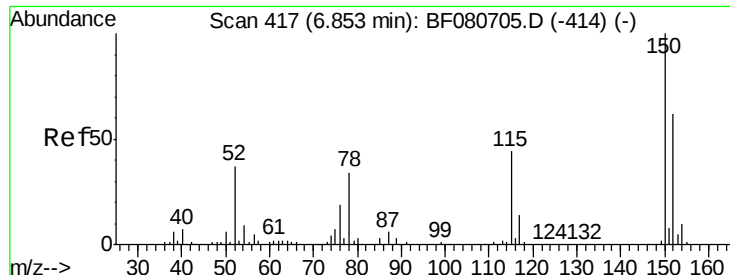
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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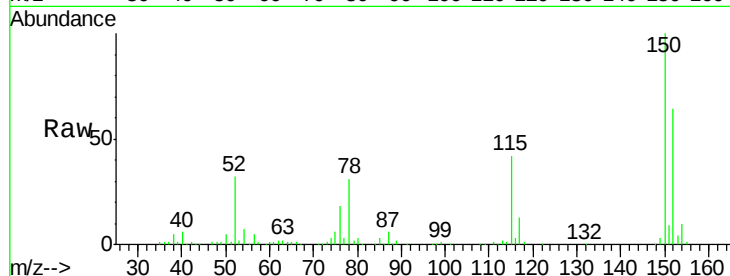




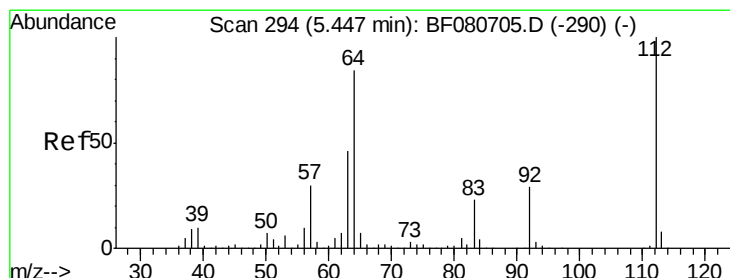
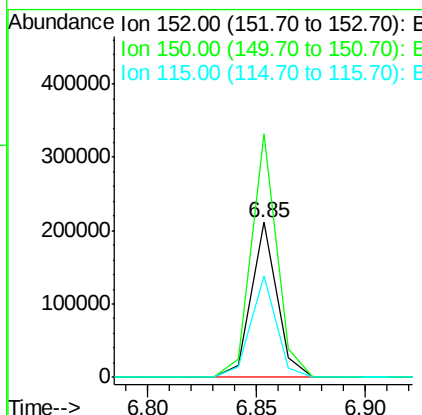
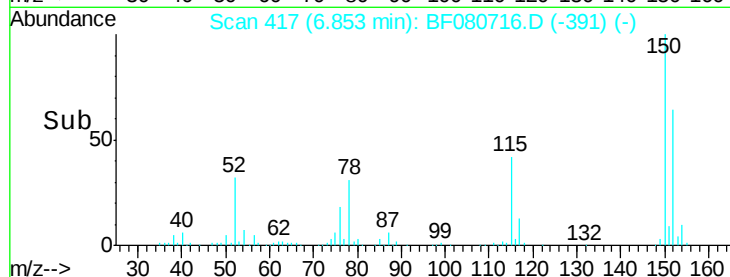
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080716.D
 Acq: 31 Jul 2015 3:30

Instrument :
 BNA_F
 ClientSampleId :
 GRID-5-(6-12)RE

Tgt Ion:152 Resp: 174087
 Ion Ratio Lower Upper
 152 100
 150 157.3 129.6 194.4
 115 65.9 56.6 85.0

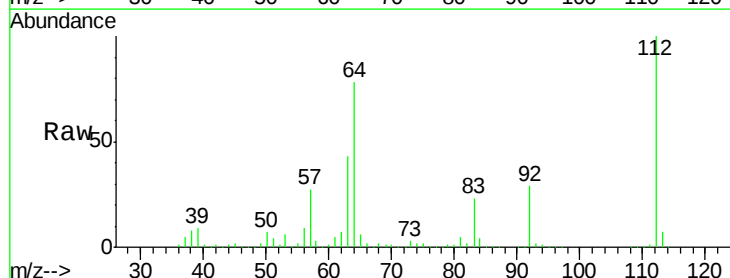


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

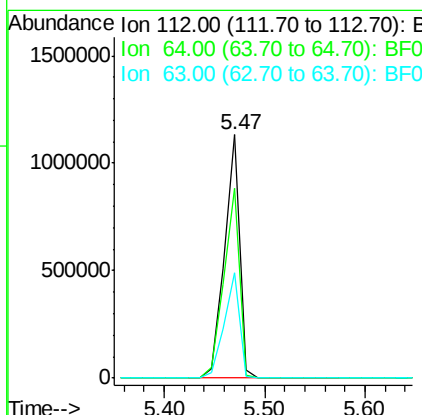
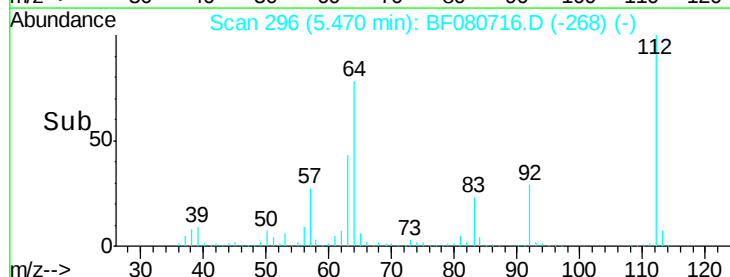


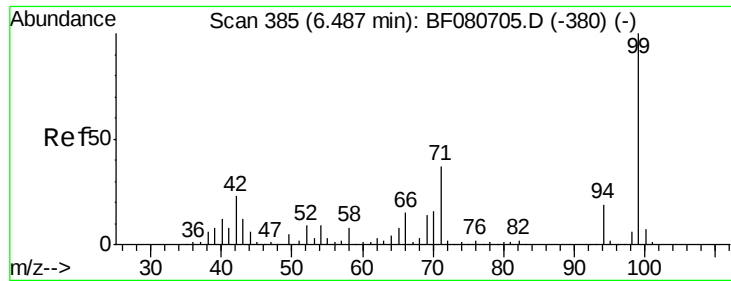
#5
 2-Fluorophenol
 Concen: 116.61 ng
 RT: 5.47 min Scan# 296
 Delta R.T. 0.02 min
 Lab File: BF080716.D
 Acq: 31 Jul 2015 3:30

Tgt Ion:112 Resp: 1183334
 Ion Ratio Lower Upper
 112 100
 64 77.8 66.8 100.2
 63 43.1 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: 123.64 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080716.D

Acq: 31 Jul 2015 3:30

Instrument :

BNA_F

ClientSampleId :

GRID-5-(6-12)RE

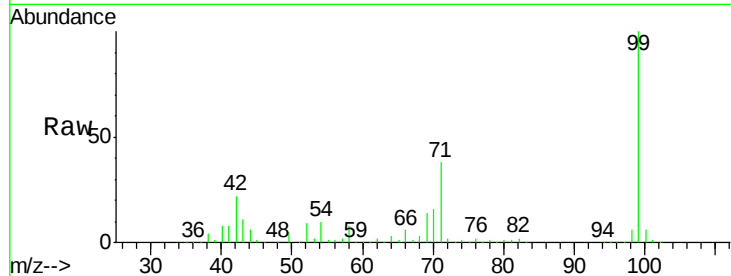
Tgt Ion: 99 Resp: 1708152

Ion Ratio Lower Upper

99 100

42 22.5 18.2 27.2

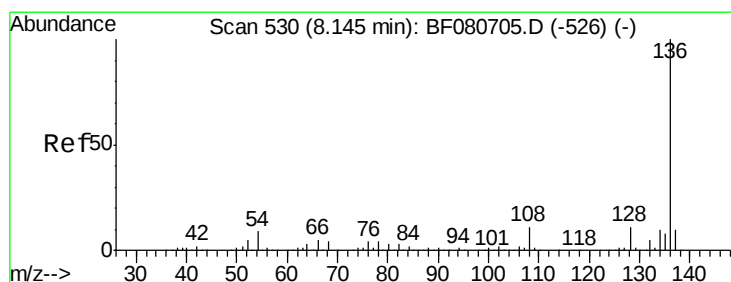
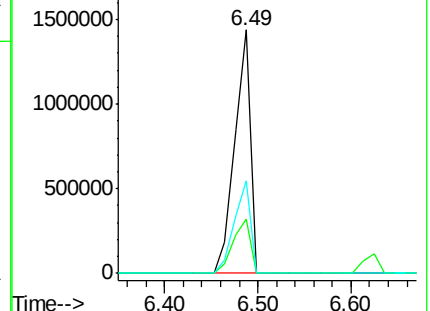
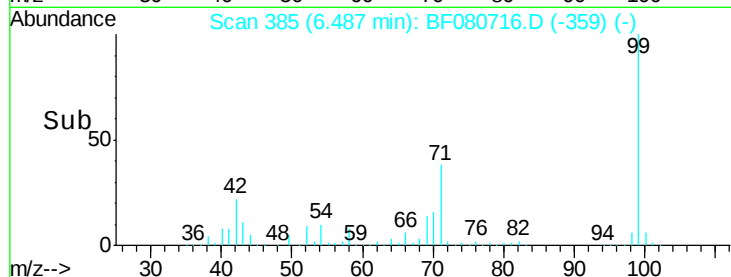
71 37.8 29.5 44.3



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: BF080716.D

Acq: 31 Jul 2015 3:30

Tgt Ion: 136 Resp: 646428

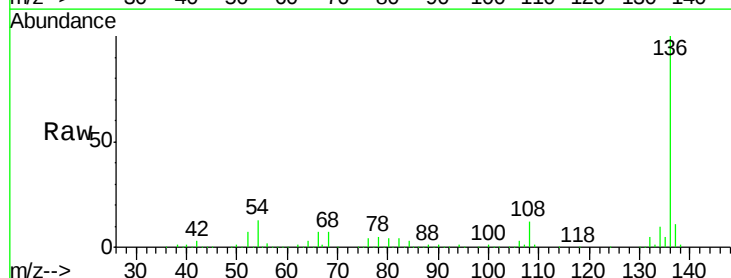
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 13.0 6.9 10.3#

68 6.6 3.5 5.3#

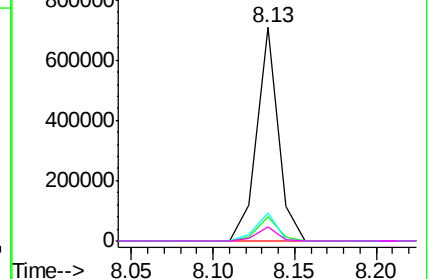
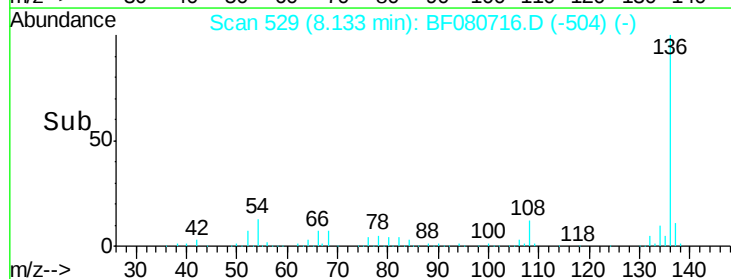


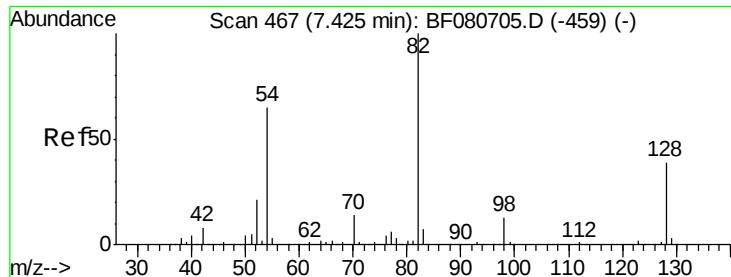
Abundance Ion 136.00 (135.70 to 136.70): E

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

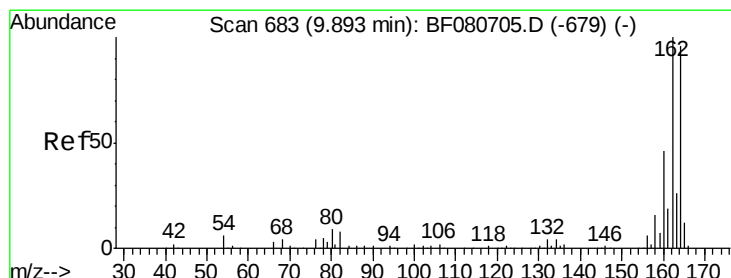
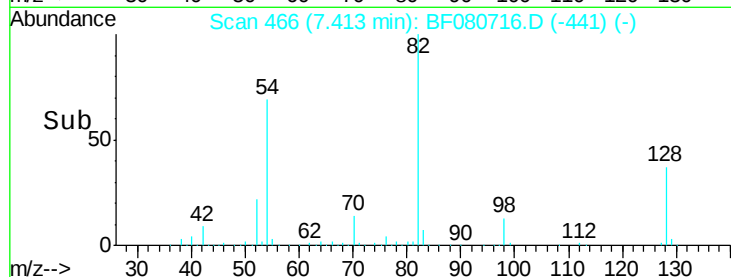
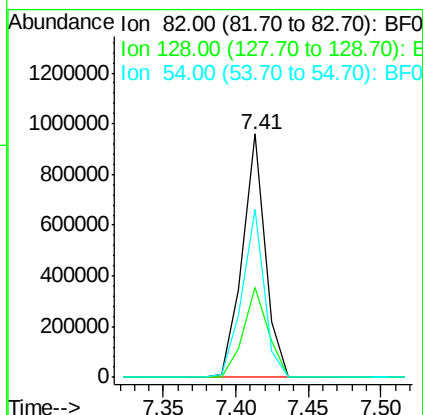
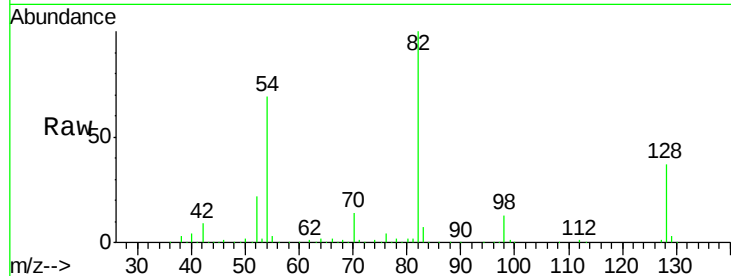




#23
 Nitrobenzene-d5
 Concen: 79.07 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080716.D
 Acq: 31 Jul 2015 3:30

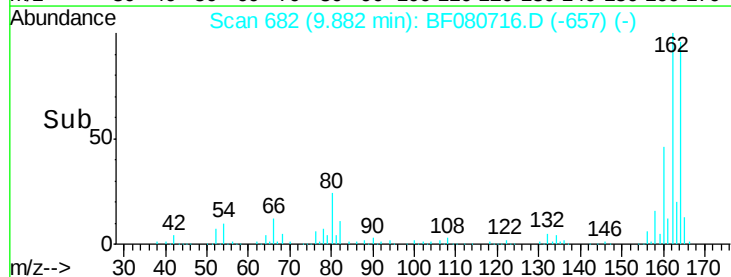
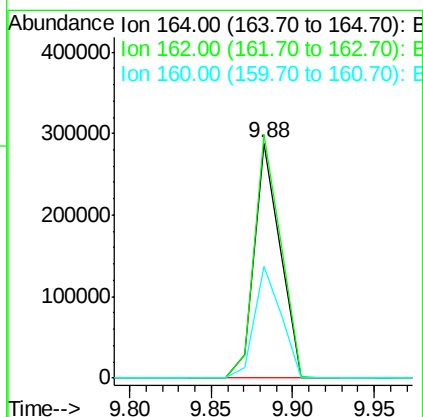
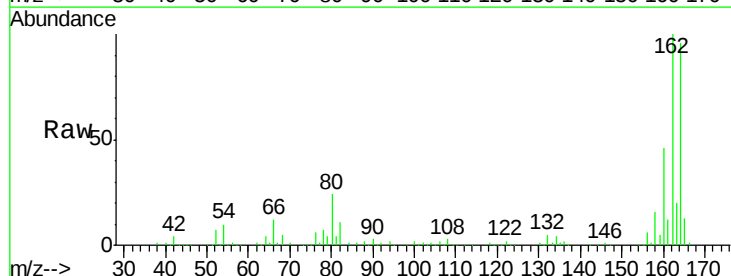
Instrument :
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 ClientSampleId :
 GRID-5-(6-12)RE

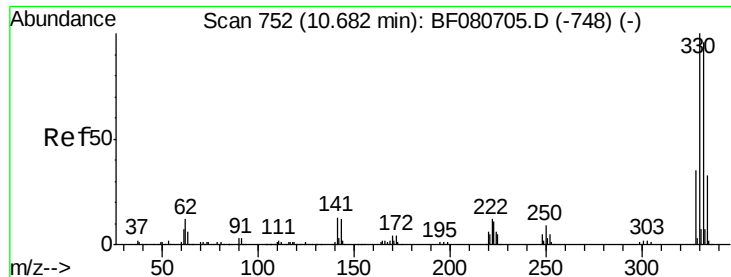
Tgt Ion: 82 Resp: 1055448
 Ion Ratio Lower Upper
 82 100
 128 37.1 31.5 47.3
 54 68.8 51.8 77.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF080716.D
 Acq: 31 Jul 2015 3:30

Tgt Ion: 164 Resp: 318155
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.4 125.0
 160 47.5 38.0 57.0

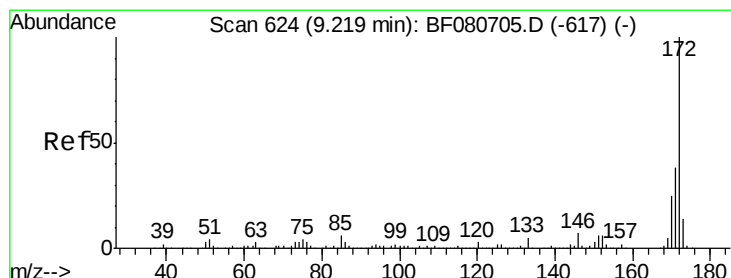
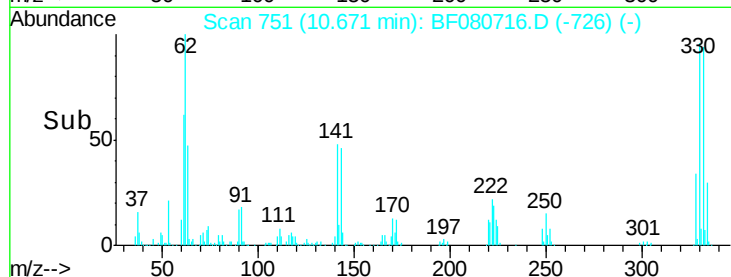
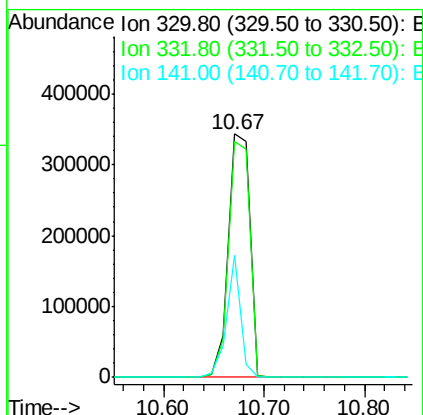
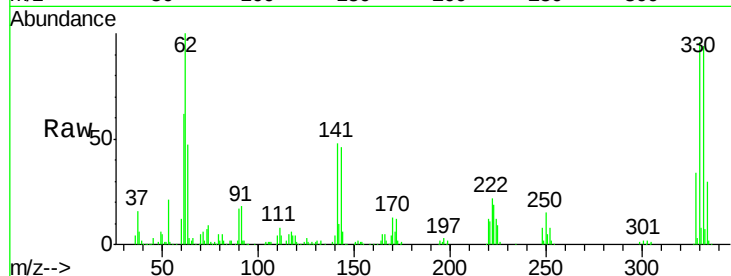




#41
 2,4,6-Tribromophenol
 Concen: 155.20 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080716.D
 Acq: 31 Jul 2015 3:30

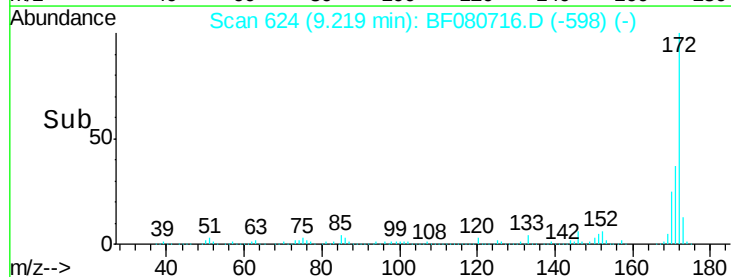
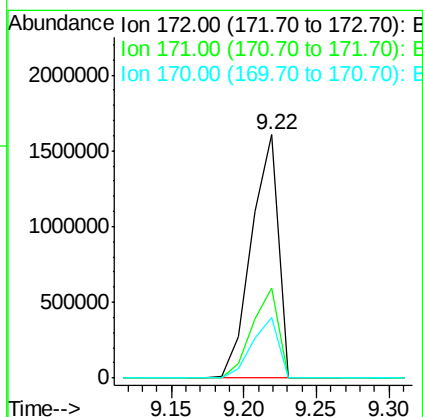
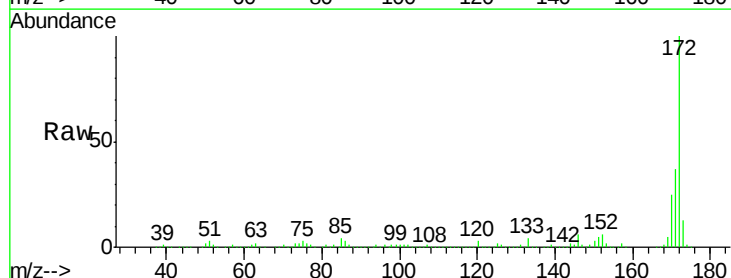
Instrument :
 BNA_F
 ClientSampleId :
 GRID-5-(6-12)RE

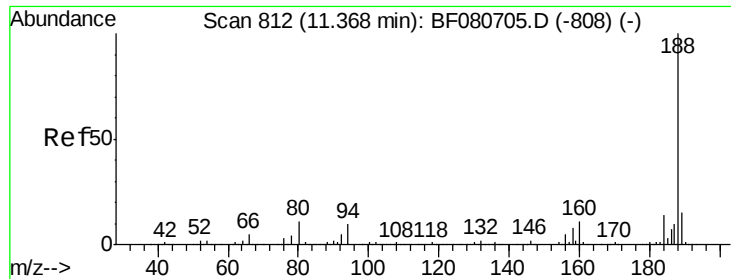
Tgt Ion:330 Resp: 512351
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 32.4 26.0 39.0



#44
 2-Fluorobiphenyl
 Concen: 96.32 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF080716.D
 Acq: 31 Jul 2015 3:30

Tgt Ion:172 Resp: 2054166
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.2 45.4
 170 24.8 20.2 30.2

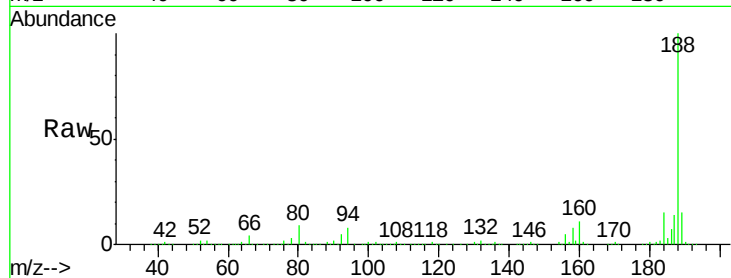




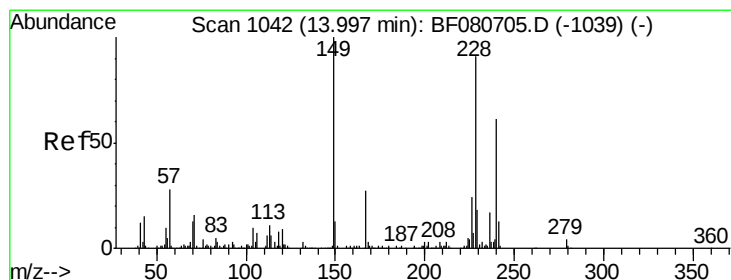
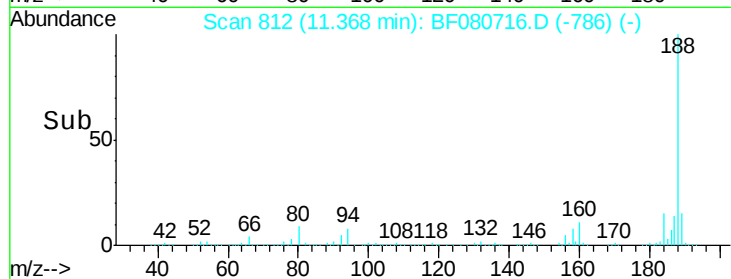
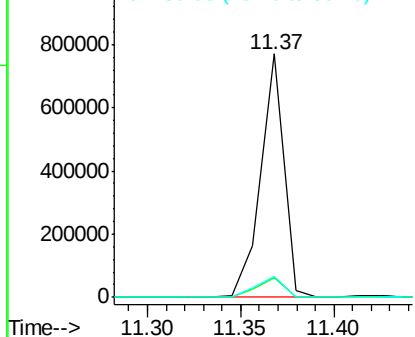
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)RE

Tgt Ion:188 Resp: 662768
Ion Ratio Lower Upper
188 100
94 8.1 8.1 12.1
80 8.8 9.1 13.7#

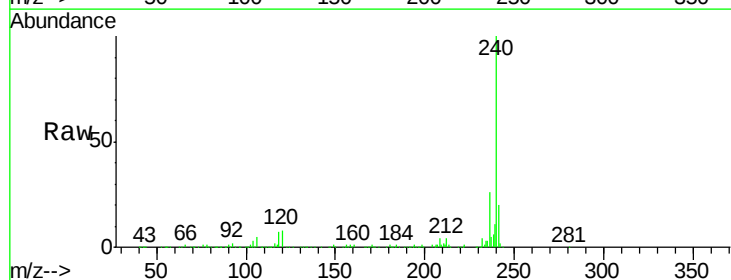


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

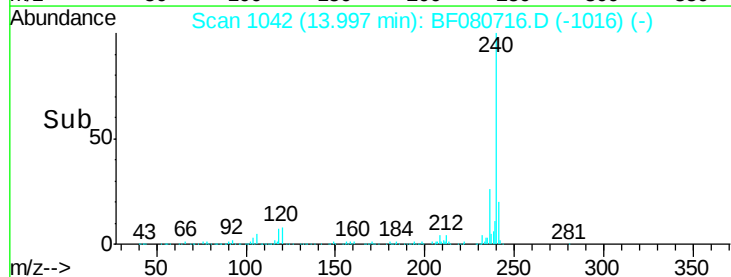
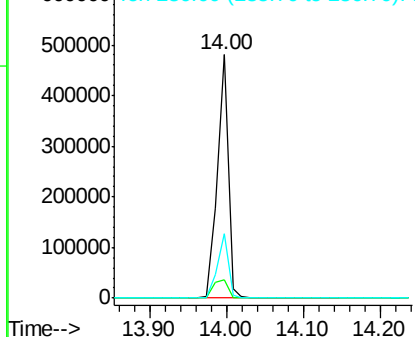


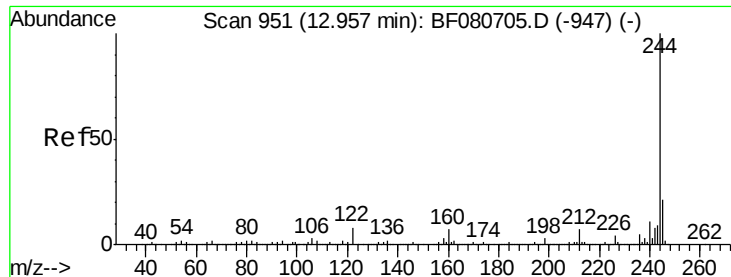
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Tgt Ion:240 Resp: 471611
Ion Ratio Lower Upper
240 100
120 7.5 11.8 17.8#
236 26.2 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

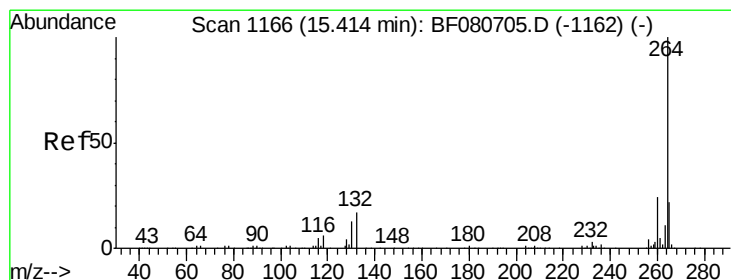
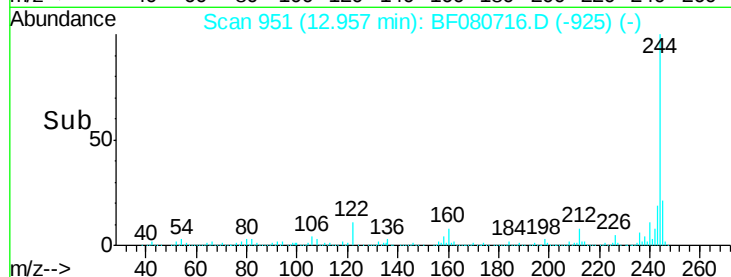
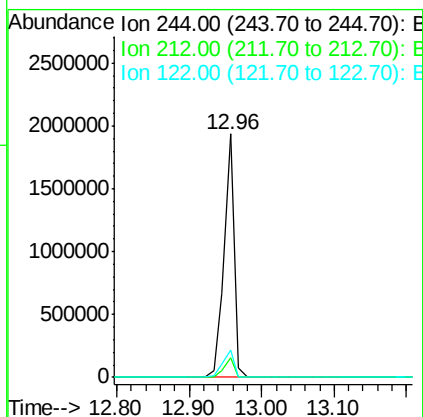
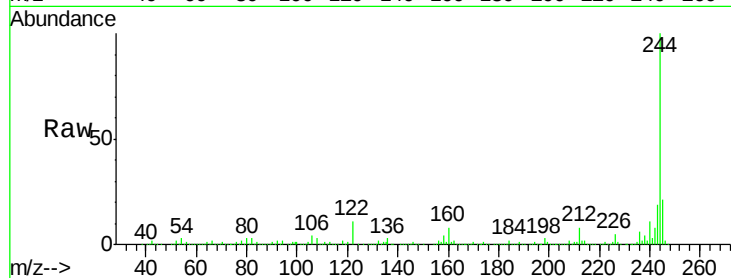




#78
 Terphenyl-d14
 Concen: 75.55 ng
 RT: 12.96 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF080716.D
 Acq: 31 Jul 2015 3:30

Instrument :
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Tgt Ion:244 Resp: 1883897
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.9 8.9
 122 11.2 6.6 9.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF080716.D
 Acq: 31 Jul 2015 3:30

Tgt Ion:264 Resp: 321281
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 21.8 17.3 25.9

