

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080437.D
 Acq On : 13 Jul 2015 20:32
 Operator : TP/UM
 Sample : G2945-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PO-002

Quant Time: Jul 14 08:14:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

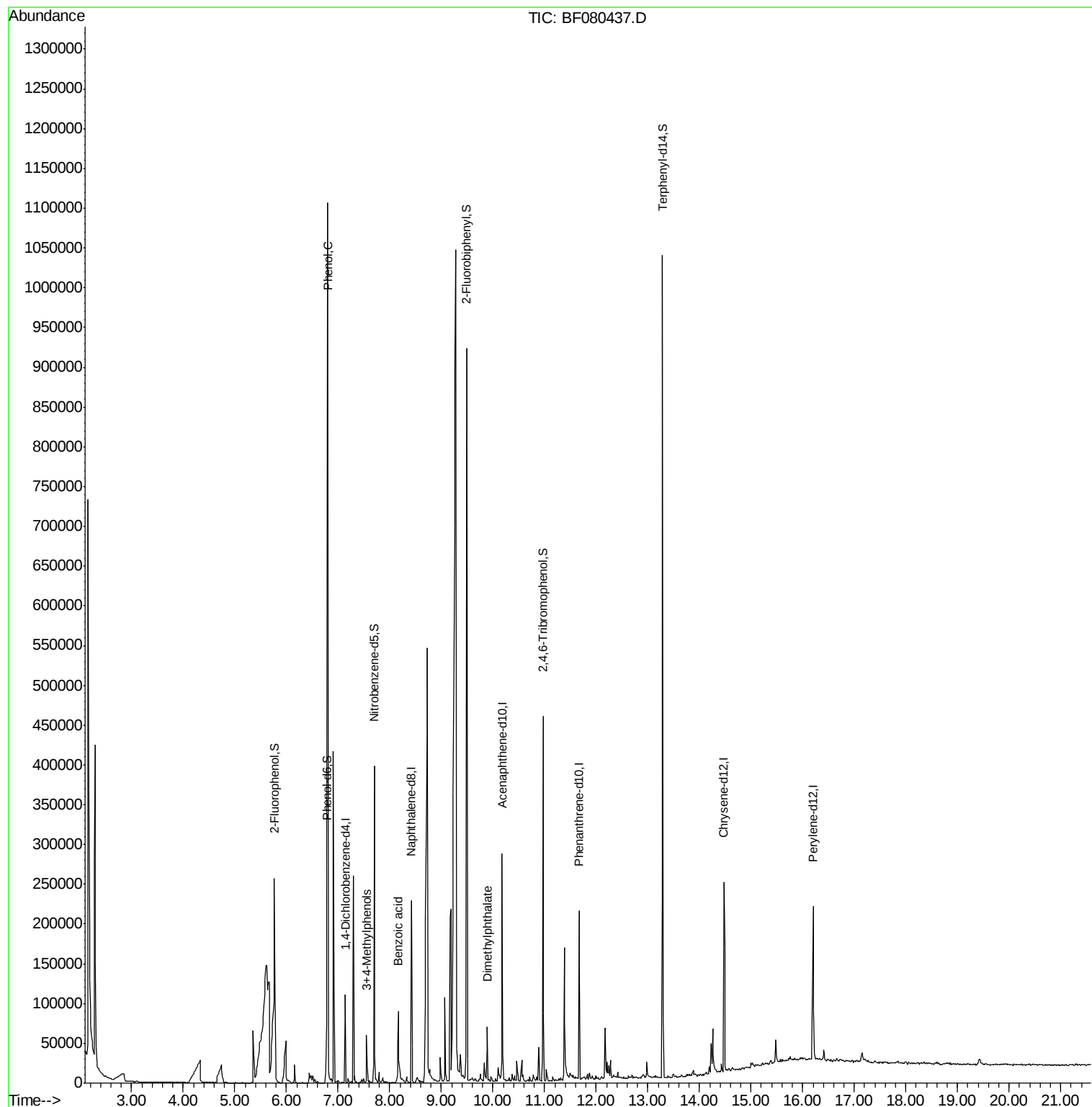
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	22822	20.00	ng	-0.01
21) Naphthalene-d8	8.42	136	90705	20.00	ng	-0.01
38) Acenaphthene-d10	10.18	164	49057	20.00	ng	-0.01
63) Phenanthrene-d10	11.66	188	95232	20.00	ng	-0.02
75) Chrysene-d12	14.48	240	106980	20.00	ng	-0.06
86) Perylene-d12	16.20	264	96122	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	50415	37.86	ng	-0.02
7) Phenol-d6	6.78	99	39913	22.49	ng	-0.01
23) Nitrobenzene-d5	7.70	82	107541	67.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.97	330	39288	82.06	ng	-0.02
44) 2-Fluorobiphenyl	9.49	172	246468	67.67	ng	-0.01
78) Terphenyl-d14	13.29	244	317437	64.44	ng	-0.03
Target Compounds						
10) Phenol	6.80	94	313717	160.00	ng	Qvalue 89
20) 3+4-Methylphenols	7.55	107	15563	8.88	ng	# 23
32) Benzoic acid	8.17	122	24570	26.29	ng	98
49) Dimethylphthalate	9.89	163	34087	9.19	ng	97

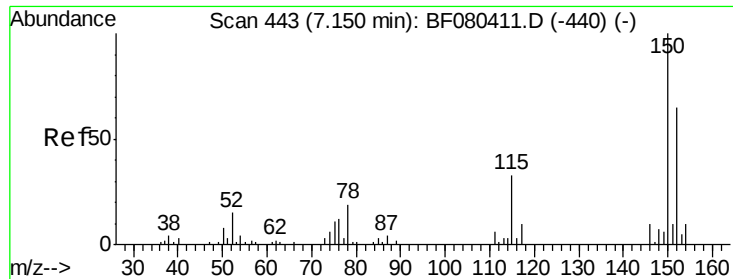
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 11 05:35:30 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080437.D

Acq: 13 Jul 2015 20:32

Instrument :

BNA_F

ClientSampleId :

PO-002

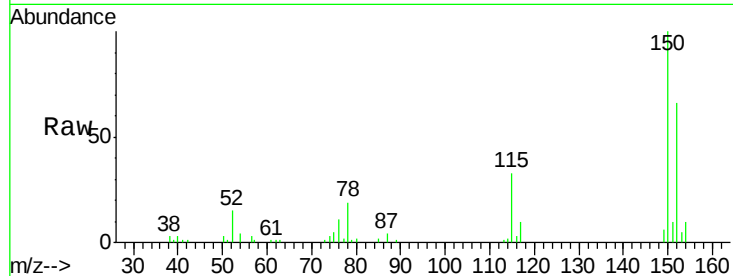
Tgt Ion:152 Resp: 22822

Ion Ratio Lower Upper

152 100

150 150.8 122.3 183.5

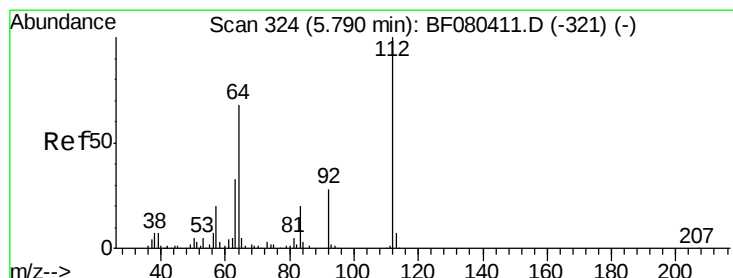
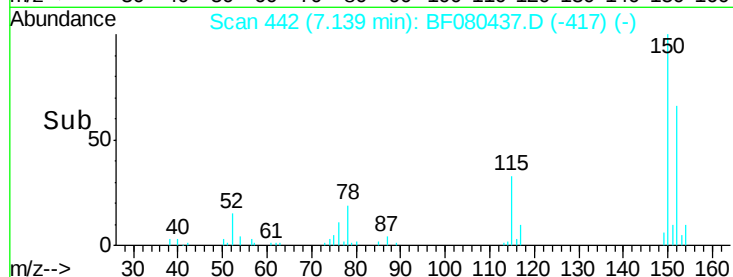
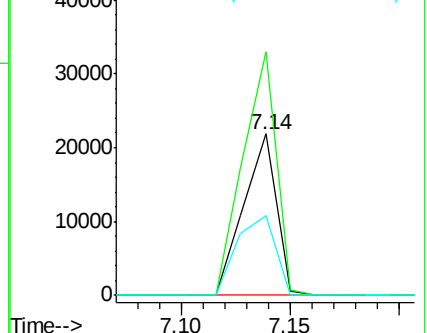
115 49.1 41.0 61.4



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: 37.86 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.02 min

Lab File: BF080437.D

Acq: 13 Jul 2015 20:32

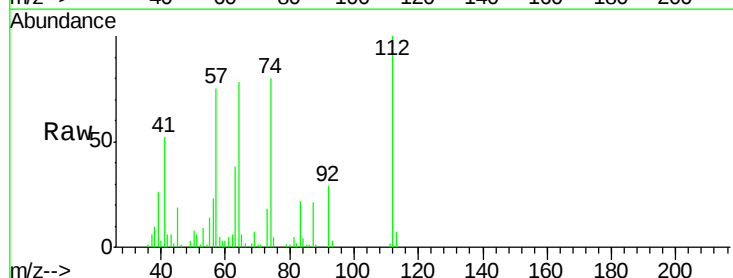
Tgt Ion:112 Resp: 50415

Ion Ratio Lower Upper

112 100

64 77.6 54.3 81.5

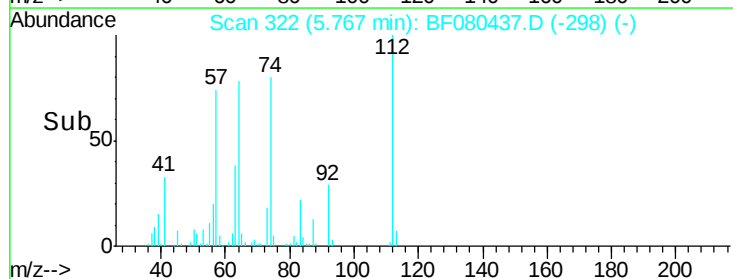
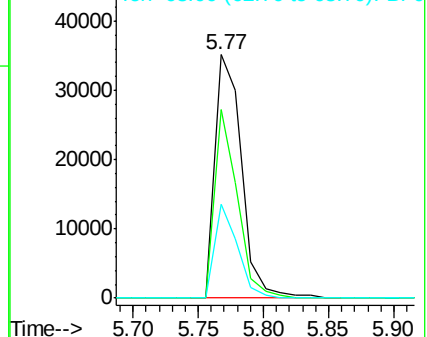
63 38.4 26.7 40.1

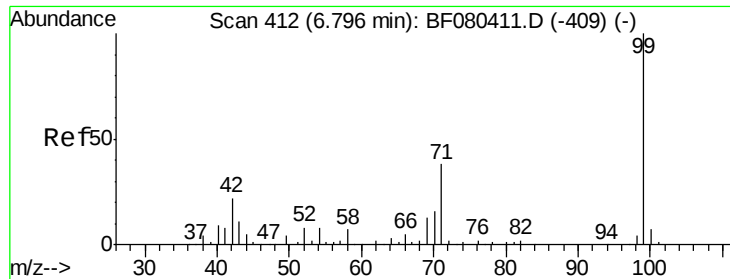


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.49 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF080437.D

Acq: 13 Jul 2015 20:32

Instrument :

BNA_F

ClientSampleId :

PO-002

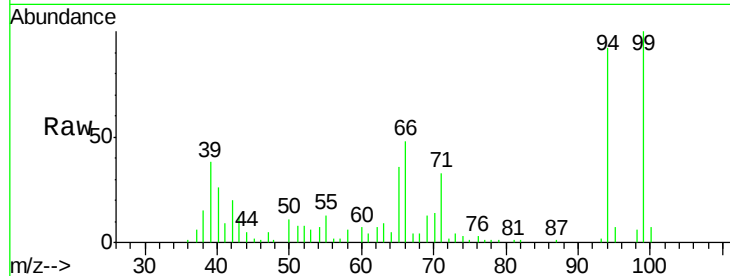
Tgt Ion: 99 Resp: 39913

Ion Ratio Lower Upper

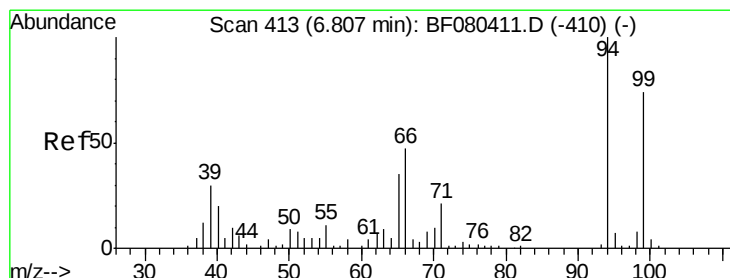
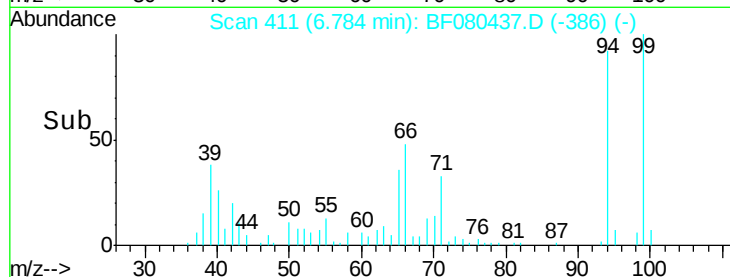
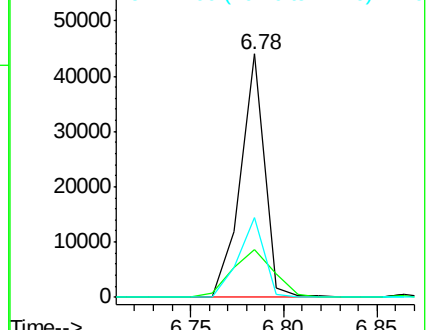
99 100

42 19.7 17.9 26.9

71 32.6 30.1 45.1



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



#10

Phenol

Concen: 160.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF080437.D

Acq: 13 Jul 2015 20:32

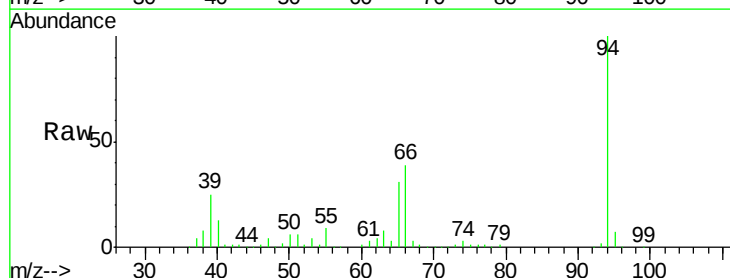
Tgt Ion: 94 Resp: 313717

Ion Ratio Lower Upper

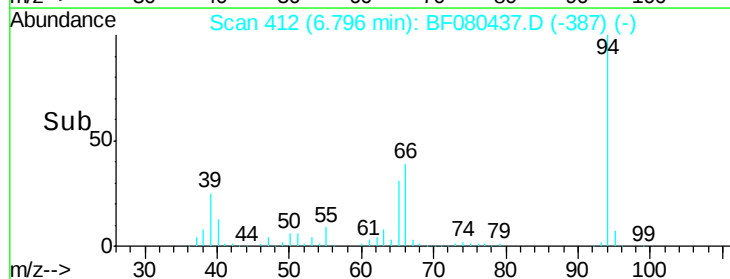
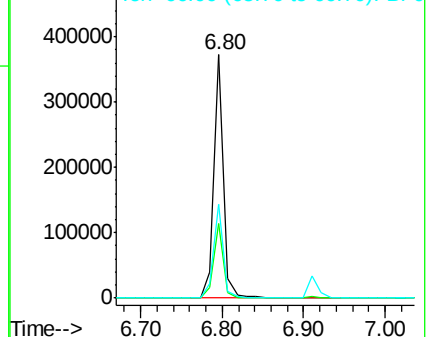
94 100

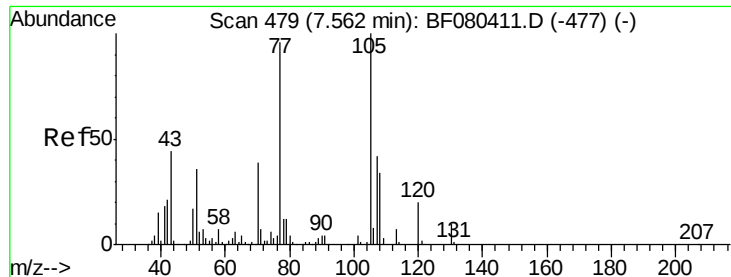
65 30.5 15.0 55.0

66 38.5 27.1 67.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

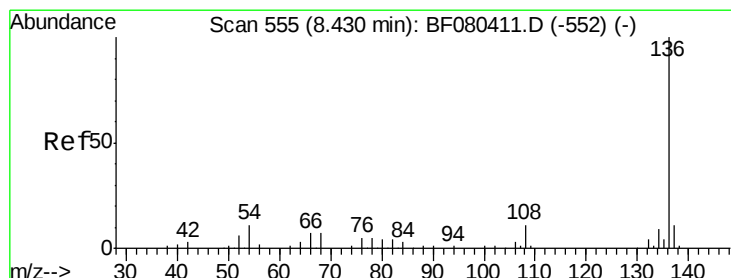
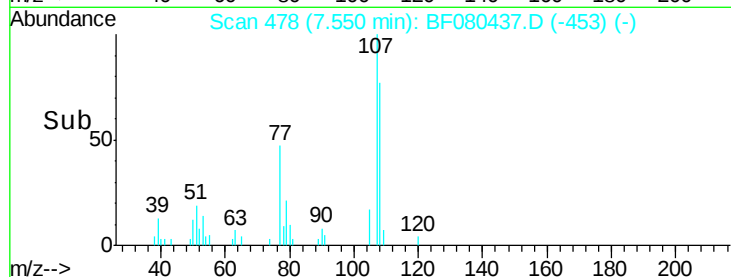
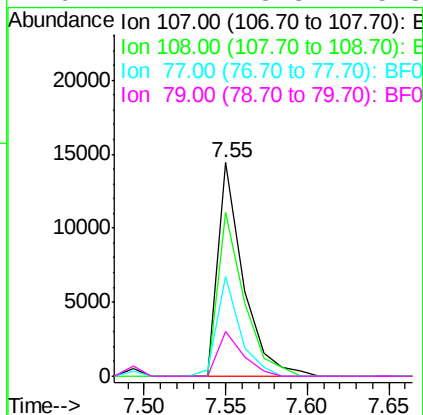
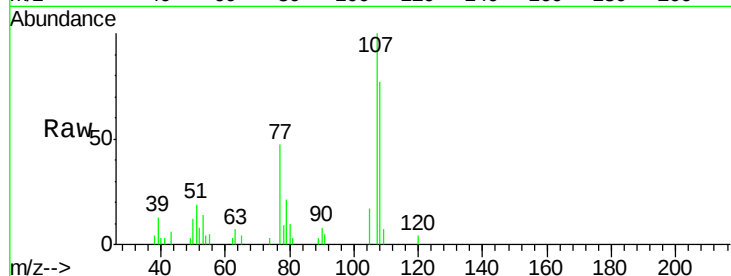




#20
 3+4-Methylphenols
 Concen: 8.88 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF080437.D
 Acq: 13 Jul 2015 20:32

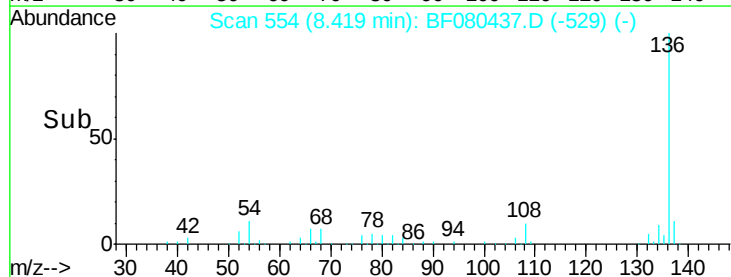
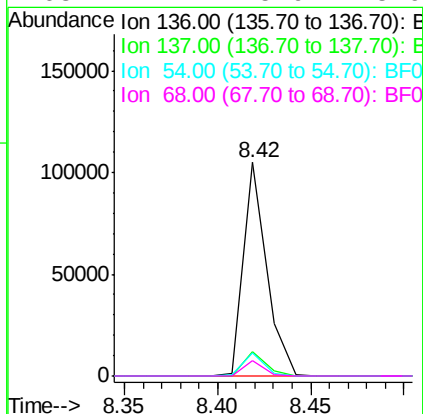
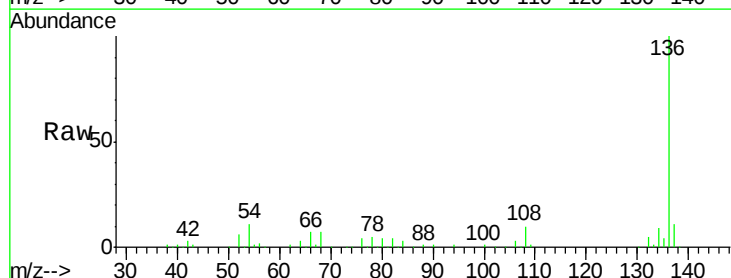
Instrument :
 BNA_F
 ClientSampleId :
 PO-002

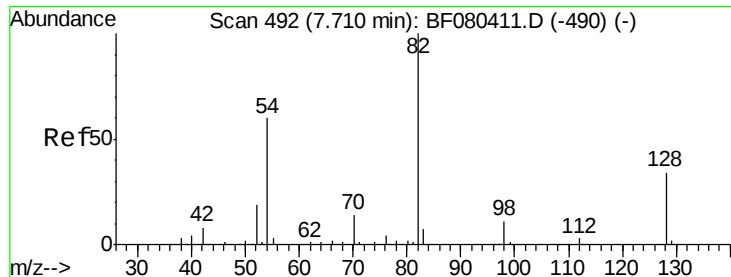
Tgt Ion:107 Resp: 15563
 Ion Ratio Lower Upper
 107 100
 108 76.8 60.8 100.8
 77 46.6 207.5 247.5#
 79 21.2 8.3 48.3



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.42 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF080437.D
 Acq: 13 Jul 2015 20:32

Tgt Ion:136 Resp: 90705
 Ion Ratio Lower Upper
 136 100
 137 11.4 9.0 13.4
 54 11.0 9.1 13.7
 68 7.4 5.9 8.9

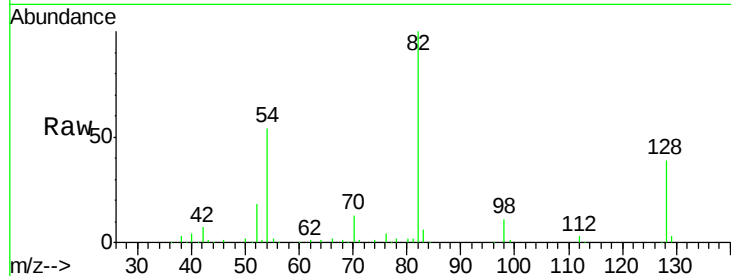




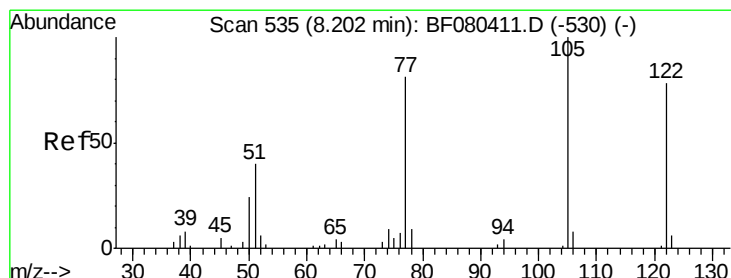
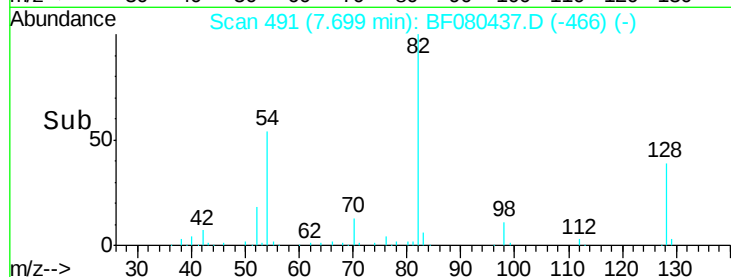
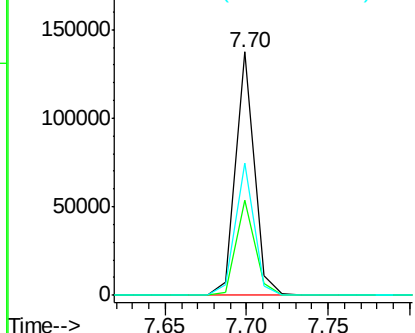
#23
Nitrobenzene-d5
Concen: 67.62 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF080437.D
Acq: 13 Jul 2015 20:32

Instrument :
BNA_F
ClientSampleId :
PO-002

Tgt Ion: 82 Resp: 107541
Ion Ratio Lower Upper
82 100
128 39.0 26.9 40.3
54 54.1 47.7 71.5

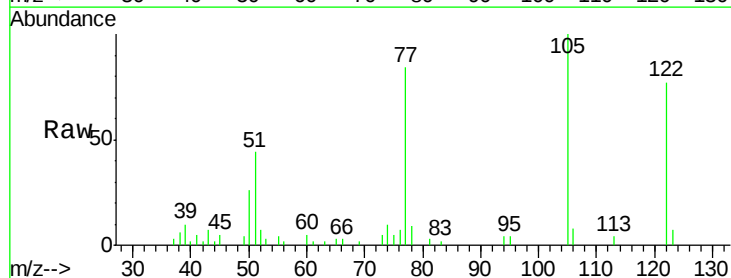


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

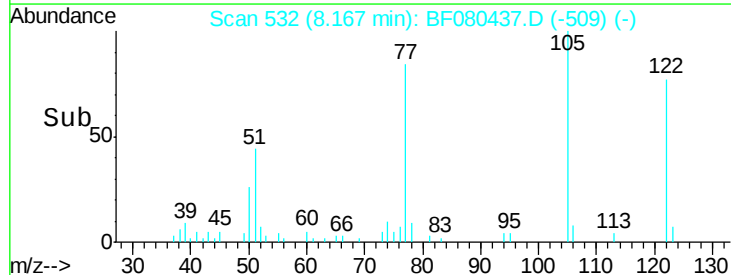
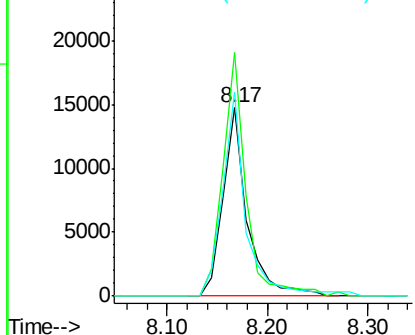


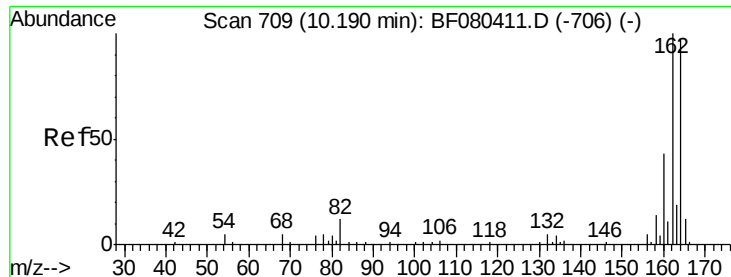
#32
Benzoic acid
Concen: 26.29 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF080437.D
Acq: 13 Jul 2015 20:32

Tgt Ion: 122 Resp: 24570
Ion Ratio Lower Upper
122 100
105 129.3 108.8 148.8
77 108.1 84.2 124.2



Abundance Ion 122.00 (121.70 to 122.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

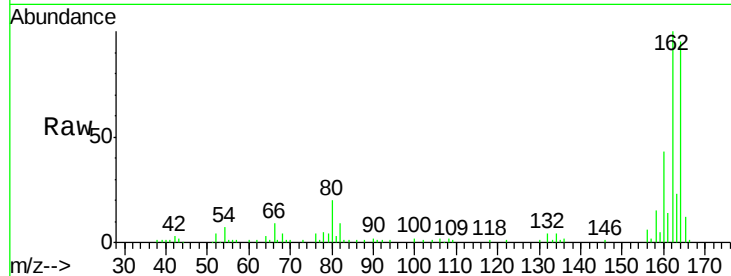




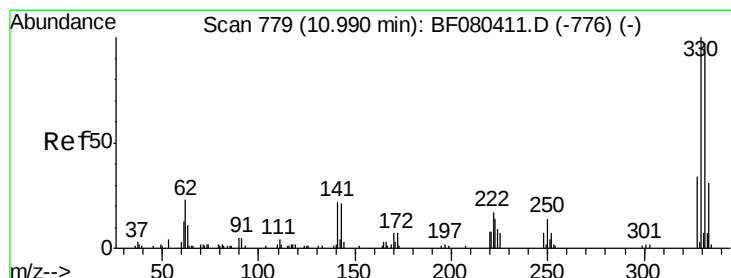
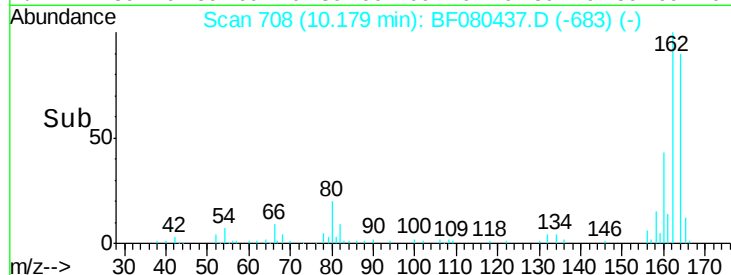
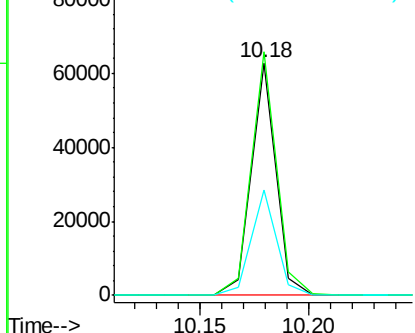
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF080437.D
 Acq: 13 Jul 2015 20:32

Instrument :
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 ClientSampleId :
 PO-002

Tgt Ion:164 Resp: 49057
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.7 124.1
 160 45.5 35.5 53.3

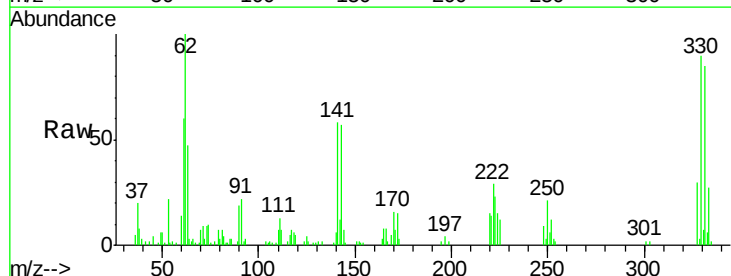


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

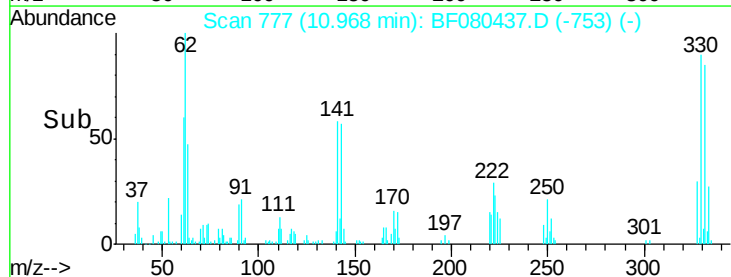
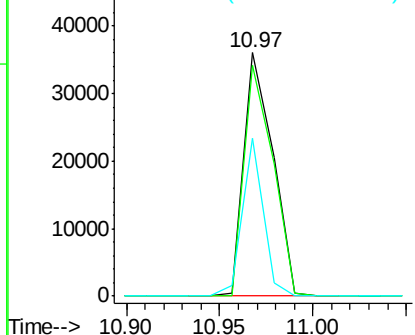


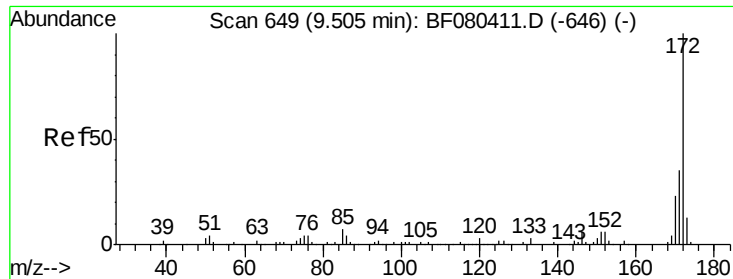
#41
 2,4,6-Tribromophenol
 Concen: 82.06 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF080437.D
 Acq: 13 Jul 2015 20:32

Tgt Ion:330 Resp: 39288
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.0 117.0
 141 46.9 28.6 43.0#



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

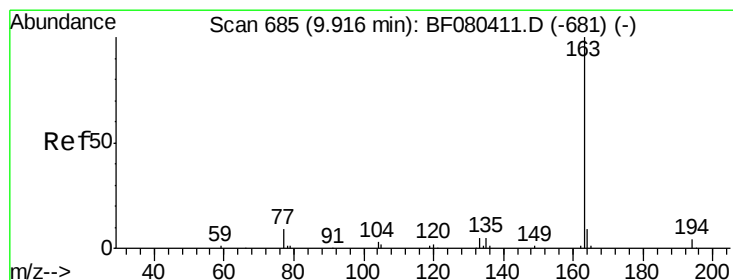
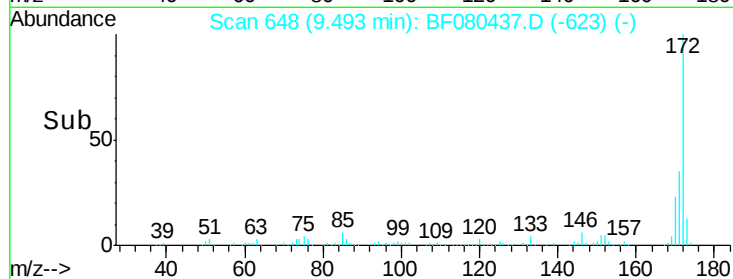
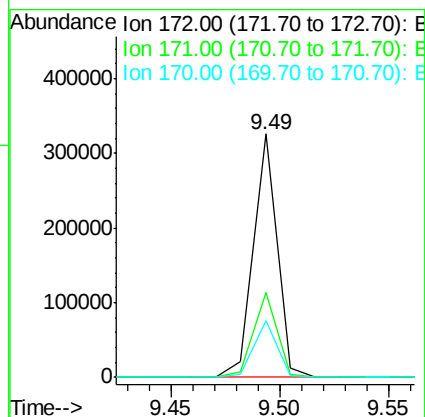
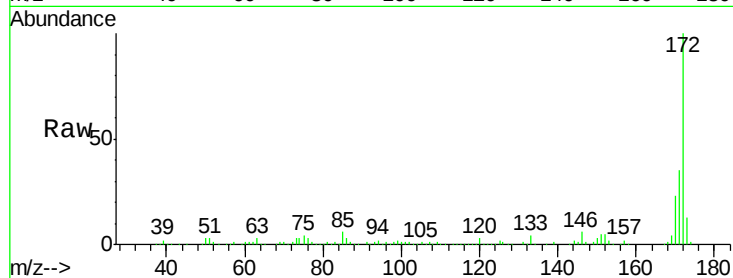




#44
2-Fluorobiphenyl
Concen: 67.67 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF080437.D
Acq: 13 Jul 2015 20:32

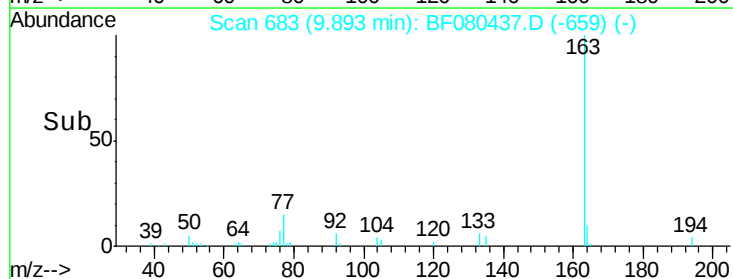
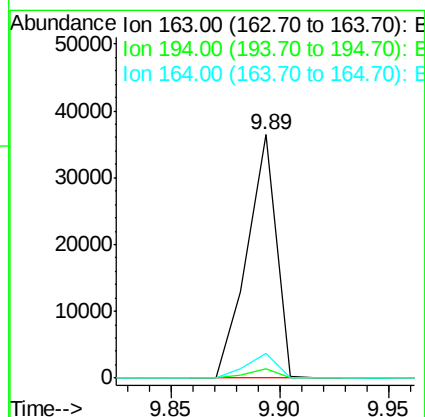
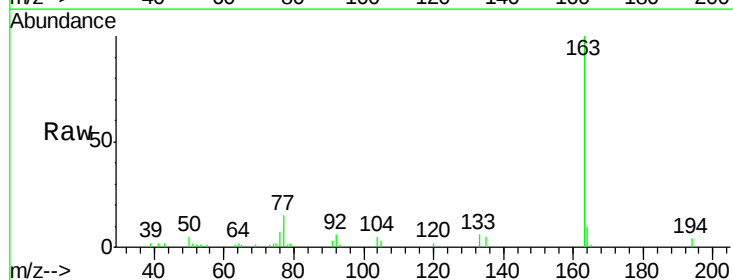
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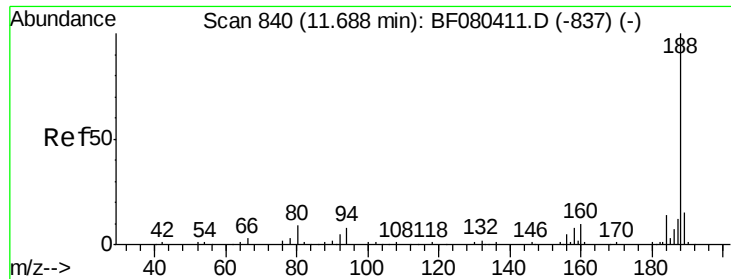
Tgt Ion:172 Resp: 246468
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.2 18.6 28.0



#49
Dimethylphthalate
Concen: 9.19 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF080437.D
Acq: 13 Jul 2015 20:32

Tgt Ion:163 Resp: 34087
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 10.3 7.4 11.0

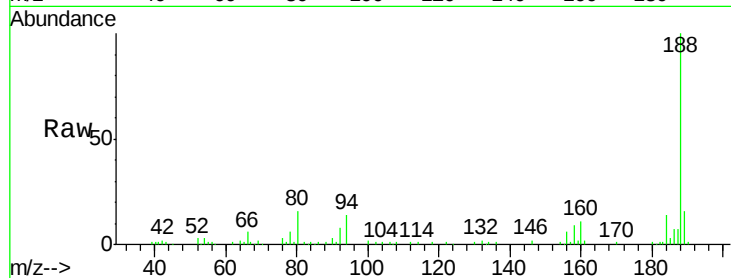




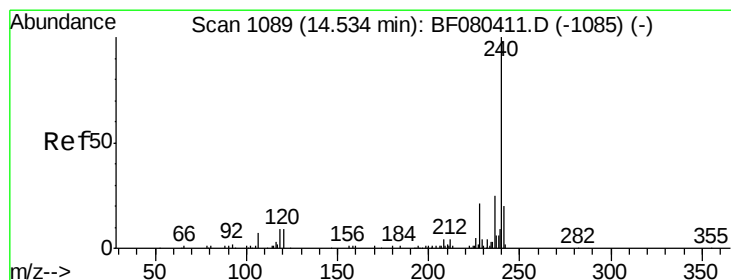
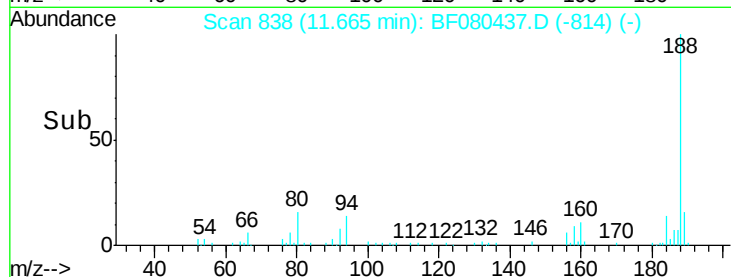
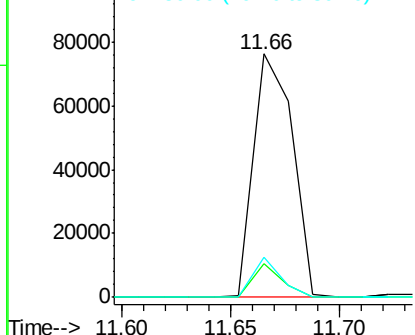
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF080437.D
 Acq: 13 Jul 2015 20:32

Instrument :
 BNA_F
 ClientSampled :
 PO-002

Tgt Ion:188 Resp: 95232
 Ion Ratio Lower Upper
 188 100
 94 13.8 6.7 10.1#
 80 16.4 7.5 11.3#

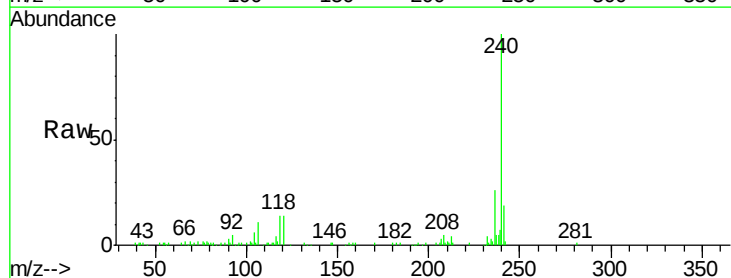


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

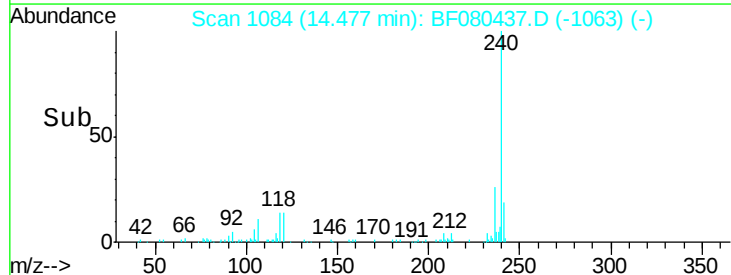
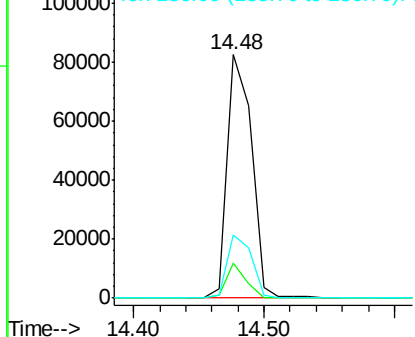


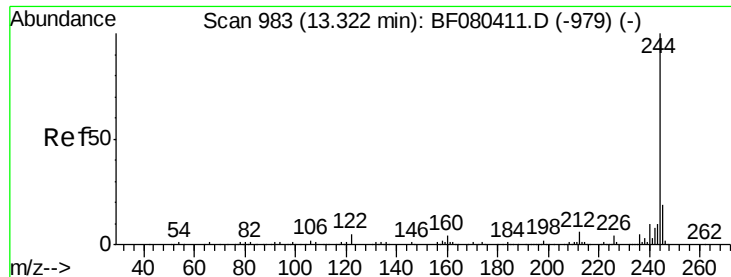
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. -0.06 min
 Lab File: BF080437.D
 Acq: 13 Jul 2015 20:32

Tgt Ion:240 Resp: 106980
 Ion Ratio Lower Upper
 240 100
 120 14.2 7.4 11.2#
 236 25.8 19.7 29.5



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: 64.44 ng

RT: 13.29 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF080437.D

Acq: 13 Jul 2015 20:32

Instrument :

BNA_F

ClientSampleId :

PO-002

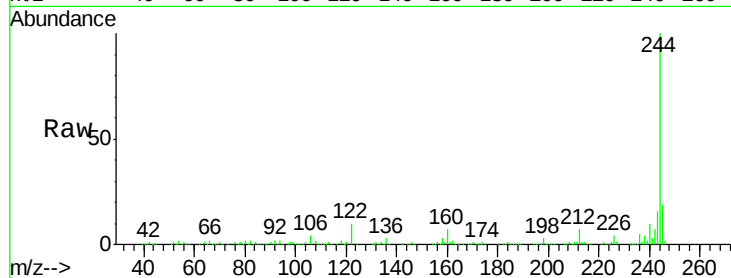
Tgt Ion:244 Resp: 317437

Ion Ratio Lower Upper

244 100

212 7.1 4.9 7.3

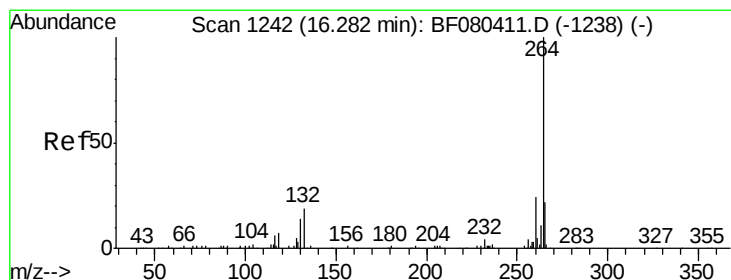
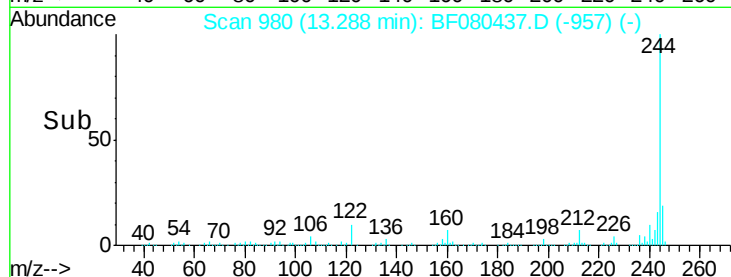
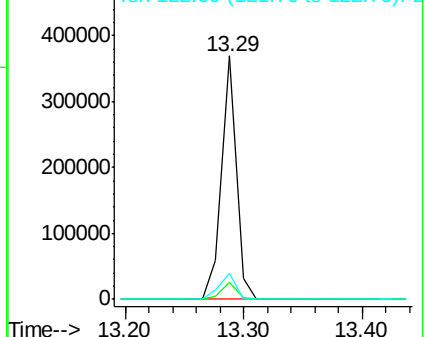
122 10.4 4.1 6.1#



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: 16.20 min Scan# 1235

Delta R.T. -0.08 min

Lab File: BF080437.D

Acq: 13 Jul 2015 20:32

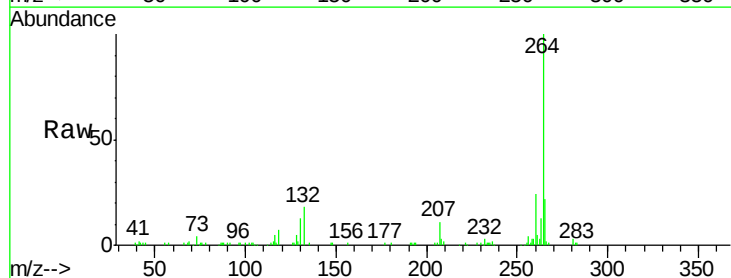
Tgt Ion:264 Resp: 96122

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 22.3 17.8 26.8



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

