

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088634.D
 Acq On : 2 Jul 2016 23:28
 Operator : UM/SJ
 Sample : H3837-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-5

Quant Time: Jul 03 03:05:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

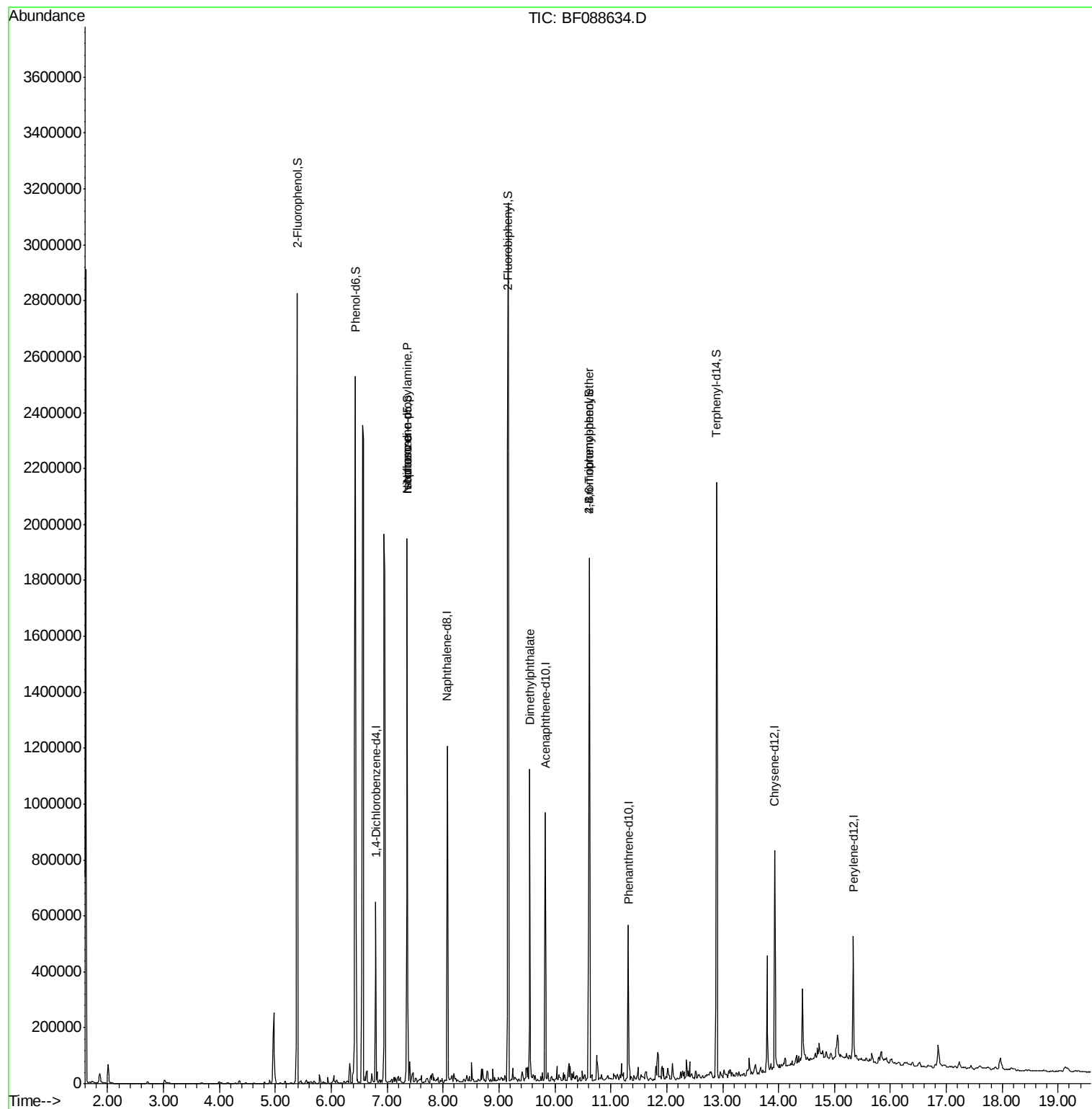
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	117756	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	449890	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	178507	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	274389	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	234767	20.00	ng	-0.02
86) Perylene-d12	15.34	264	208748	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	852519	108.50	ng	-0.01
7) Phenol-d6	6.43	99	1117338	110.06	ng	-0.01
23) Nitrobenzene-d5	7.36	82	703435	81.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	194843	117.54	ng	-0.02
44) 2-Fluorobiphenyl	9.16	172	1285538	113.75	ng	-0.01
78) Terphenyl-d14	12.89	244	765014	72.58	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	97880	14.35	ng	# 73
25) Isophorone	7.36	82	532636	33.49	ng	# 65
49) Dimethylphthalate	9.55	163	387082	30.44	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	14353	5.19	ng	# 1

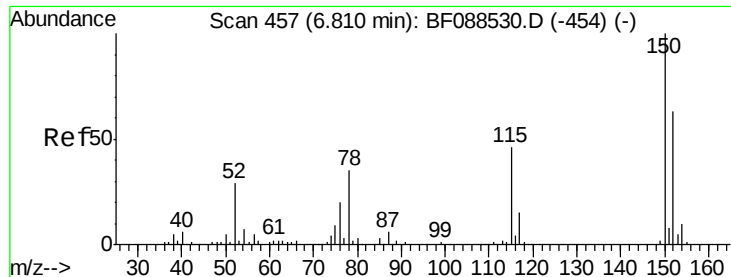
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF088634.D

Acq: 2 Jul 2016 23:28

Instrument :

BNA_F

ClientSampleId :

C1.2-5

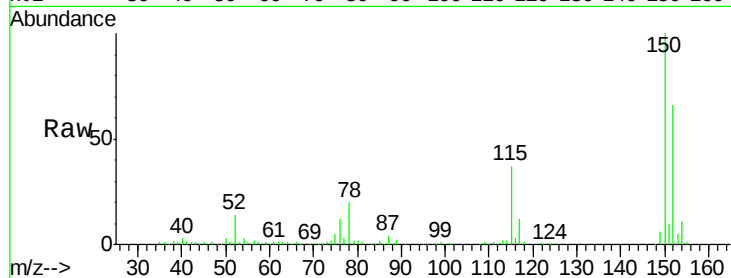
Tgt Ion:152 Resp: 117756

Ion Ratio Lower Upper

152 100

150 150.8 123.8 185.6

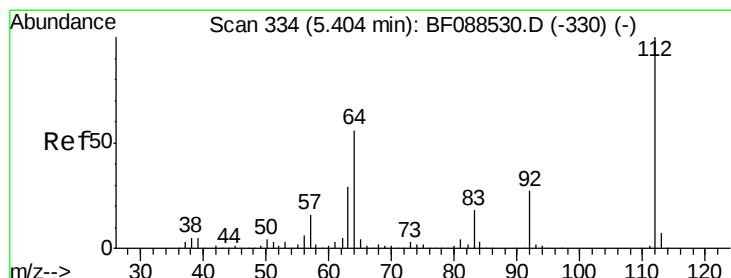
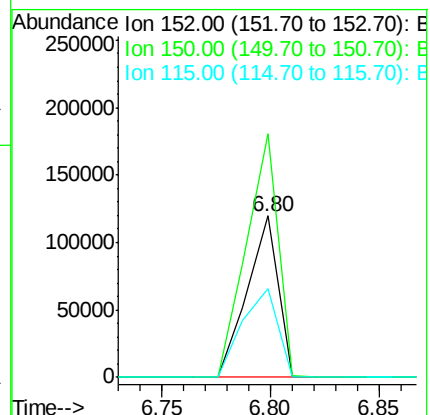
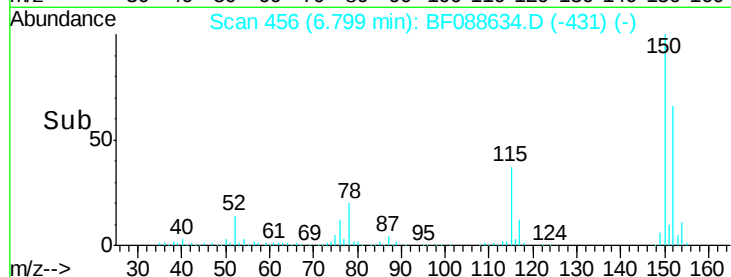
115 55.1 39.6 59.4



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: 108.50 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088634.D

Acq: 2 Jul 2016 23:28

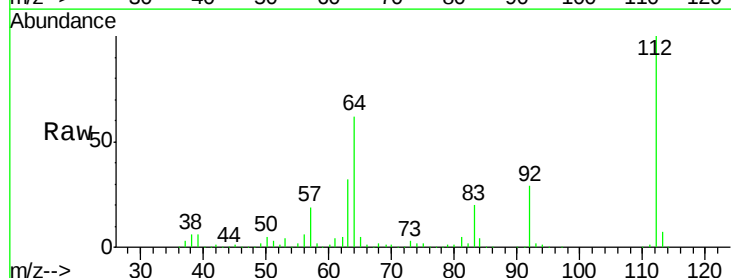
Tgt Ion:112 Resp: 852519

Ion Ratio Lower Upper

112 100

64 61.8 42.2 63.2

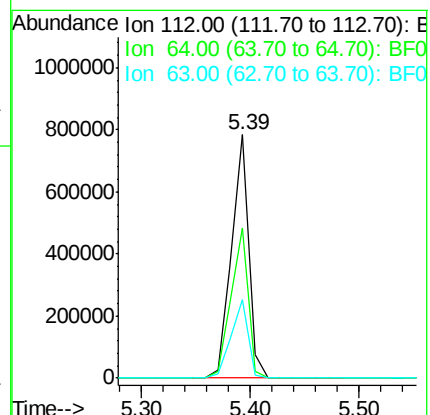
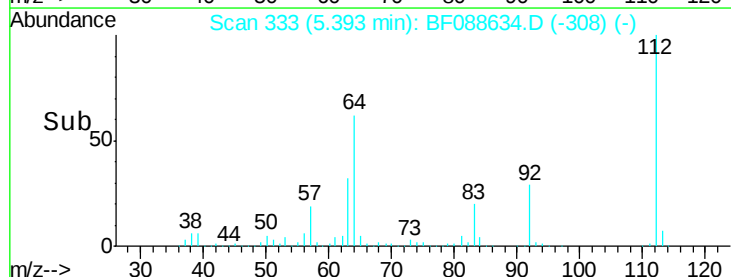
63 32.4 21.8 32.8



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: 110.06 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088634.D

Acq: 2 Jul 2016 23:28

Instrument :

BNA_F

ClientSampleId :

C1.2-5

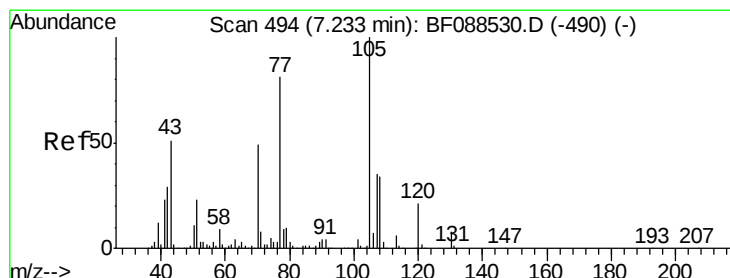
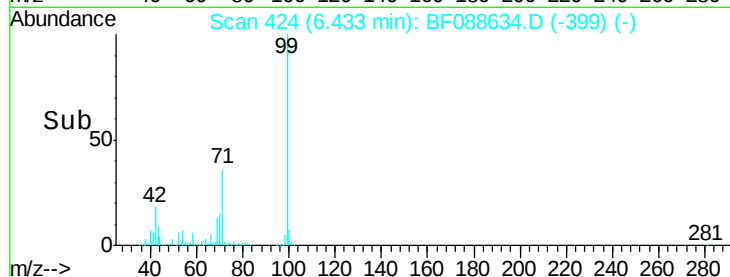
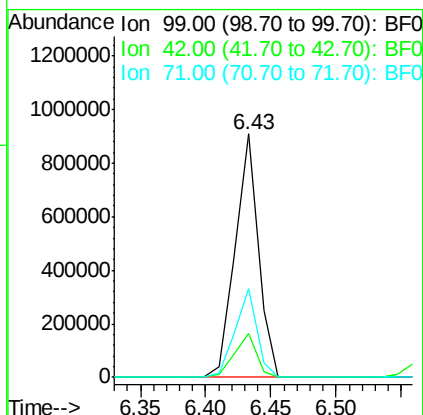
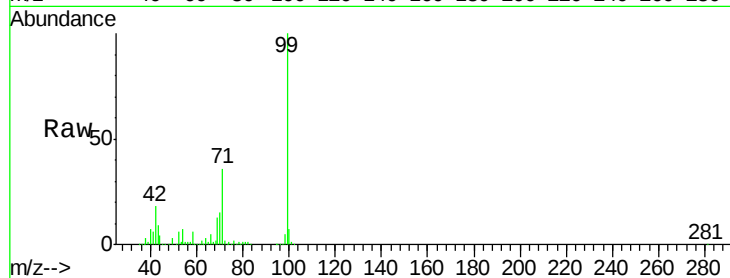
Tgt Ion: 99 Resp: 1117338

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

71 36.3 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 14.35 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.13 min

Lab File: BF088634.D

Acq: 2 Jul 2016 23:28

Tgt Ion: 70 Resp: 97880

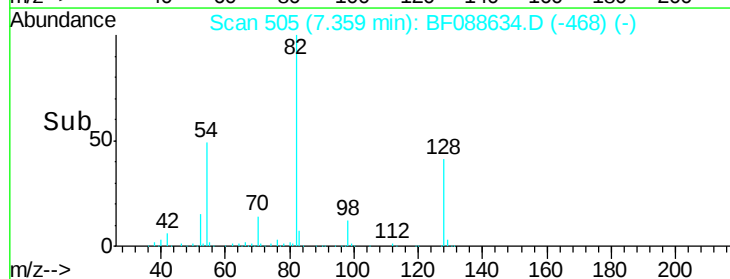
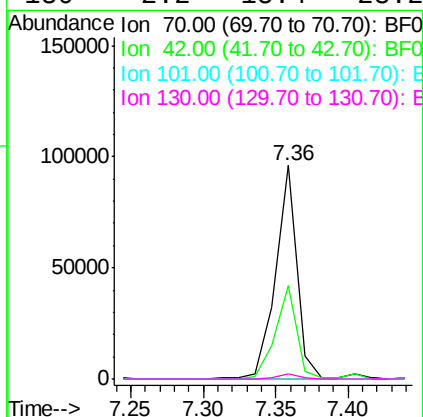
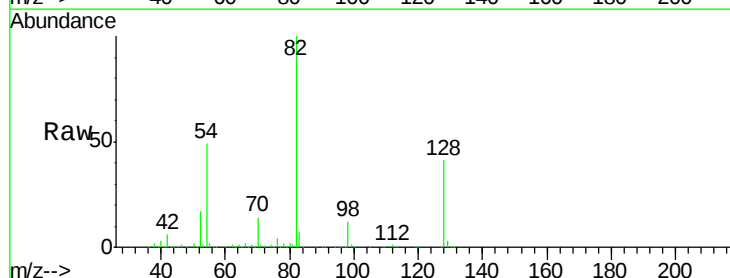
Ion Ratio Lower Upper

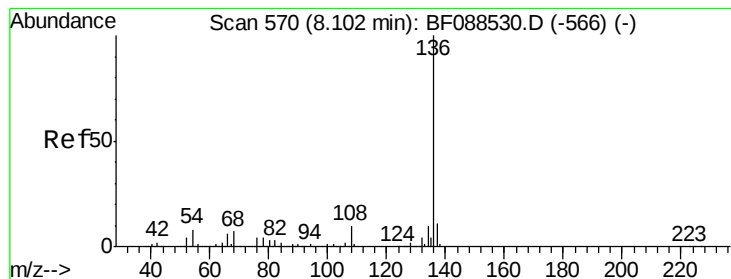
70 100

42 43.7 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF088634.D

Acq: 2 Jul 2016 23:28

Instrument :

BNA_F

ClientSampleId :

C1.2-5

Tgt Ion:136 Resp: 449890

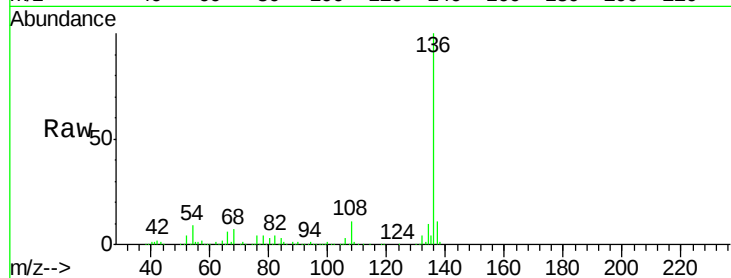
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.5 6.6 10.0

68 7.1 5.1 7.7

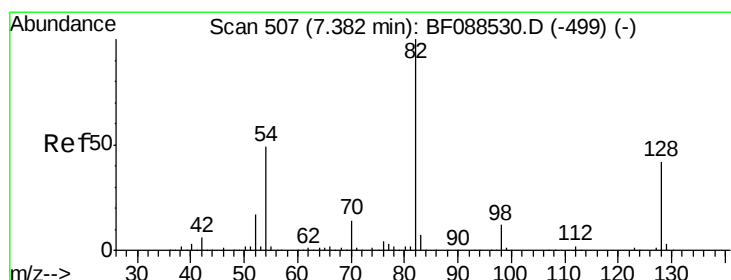
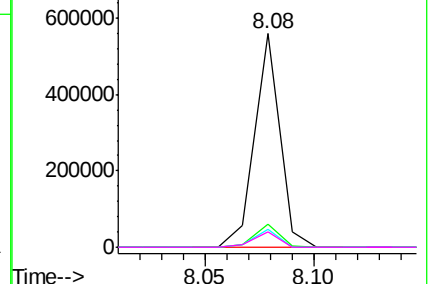
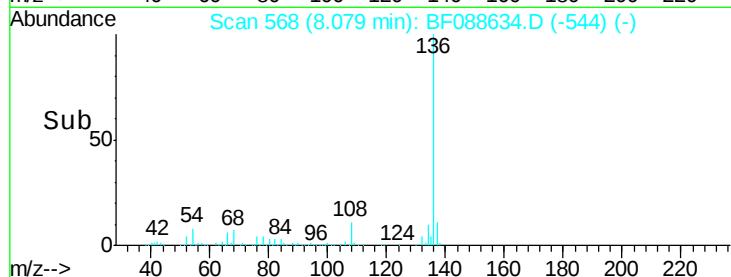


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.94 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF088634.D

Acq: 2 Jul 2016 23:28

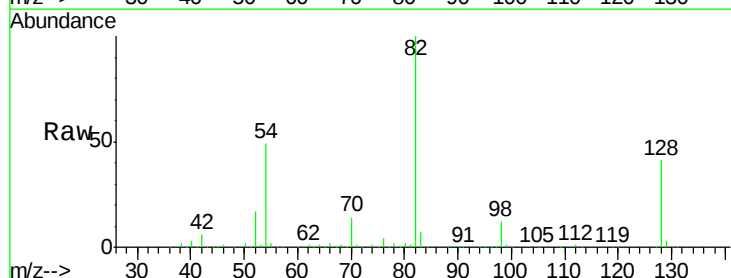
Tgt Ion: 82 Resp: 703435

Ion Ratio Lower Upper

82 100

128 41.4 35.9 53.9

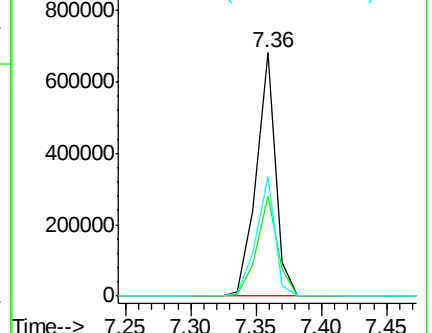
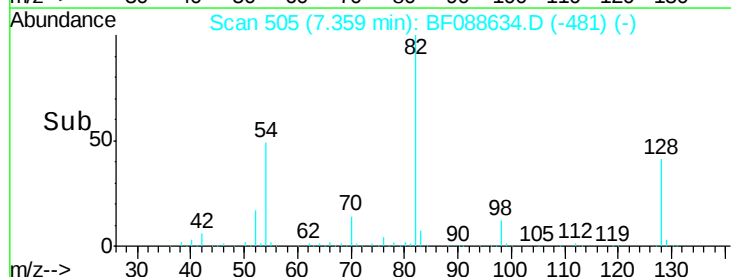
54 49.1 40.9 61.3

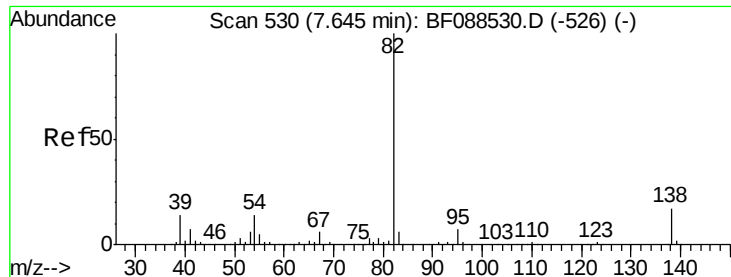


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 33.49 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.29 min

Lab File: BF088634.D

Acq: 2 Jul 2016 23:28

Instrument :

BNA_F

ClientSampleId :

C1.2-5

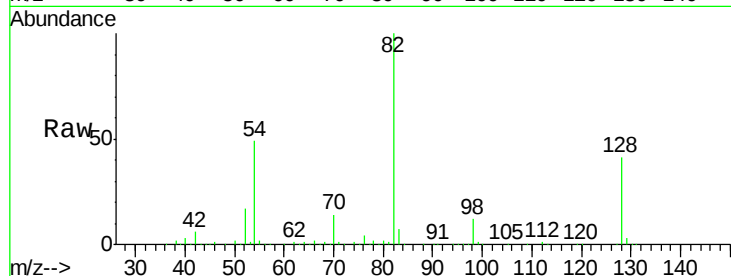
Tgt Ion: 82 Resp: 532636

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

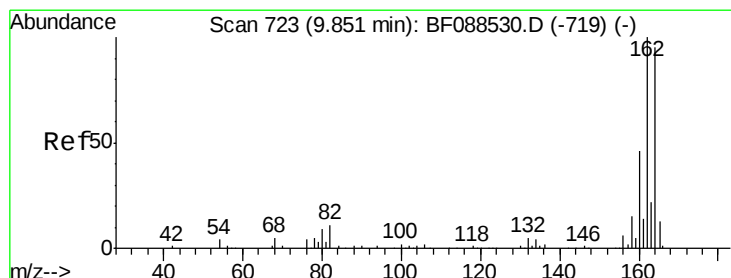
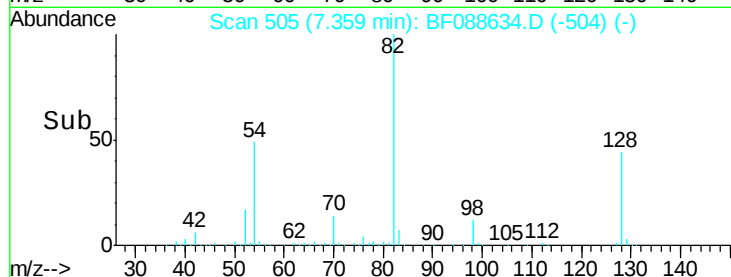
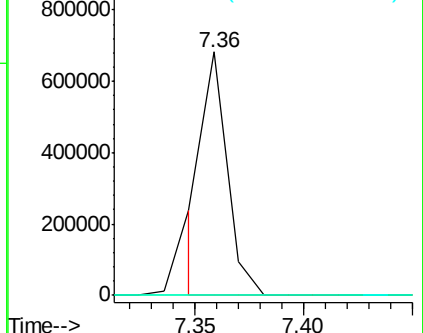
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF088634.D

Acq: 2 Jul 2016 23:28

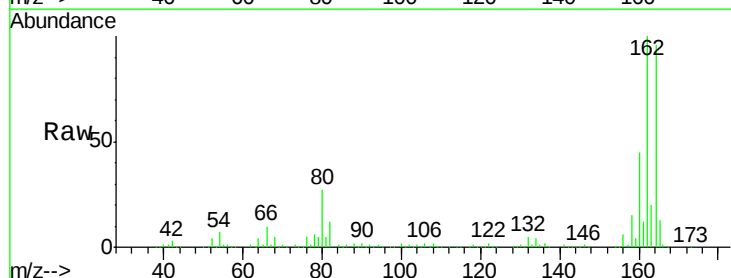
Tgt Ion: 164 Resp: 178507

Ion Ratio Lower Upper

164 100

162 104.1 85.4 128.2

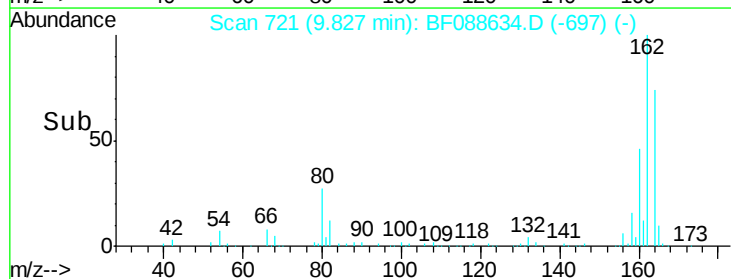
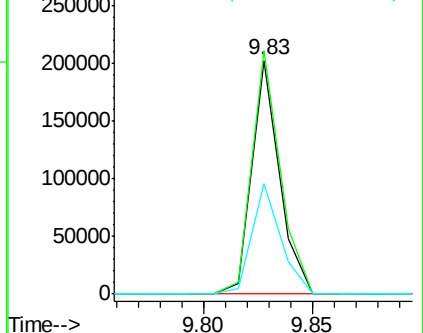
160 47.1 39.5 59.3

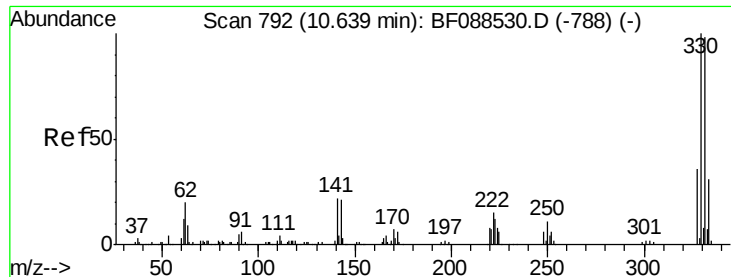


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

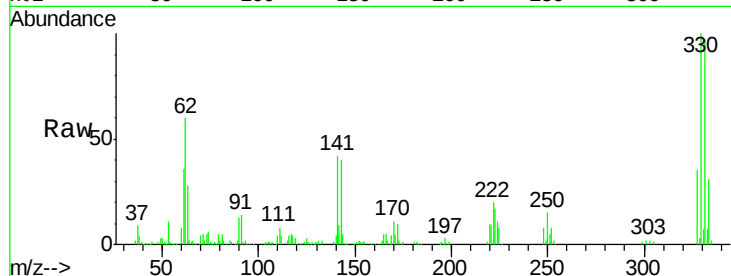




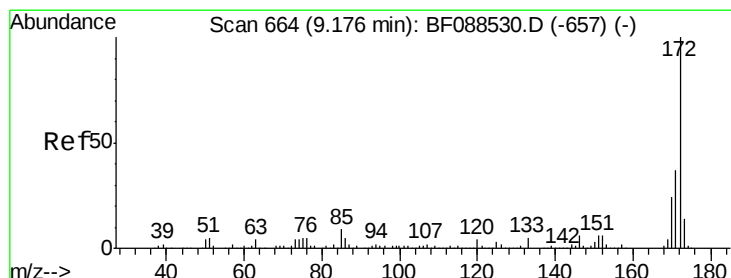
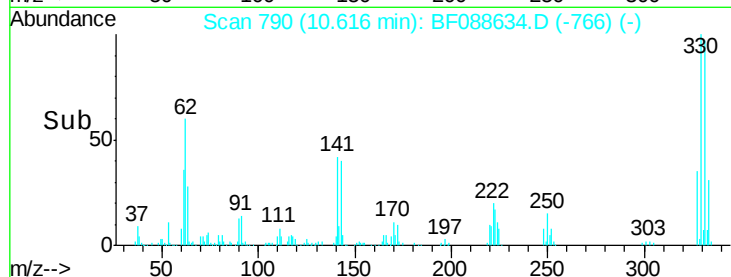
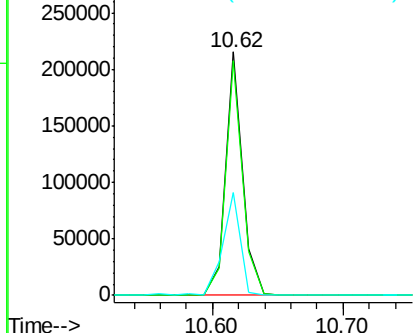
#41
 2,4,6-Tribromophenol
 Concen: 117.54 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF088634.D
 Acq: 2 Jul 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-5

Tgt Ion:330 Resp: 194843
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 45.3 0.0 0.0#

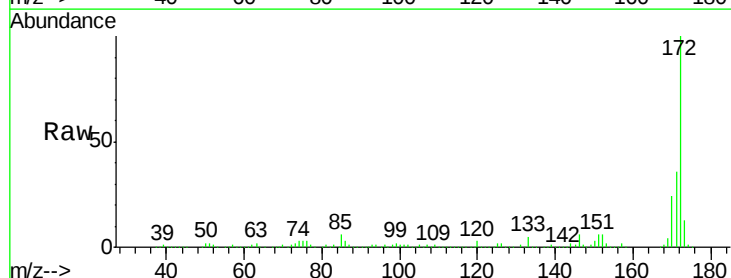


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

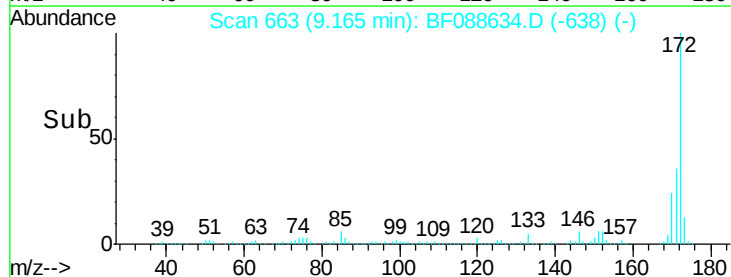
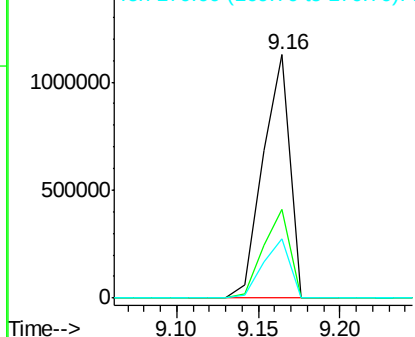


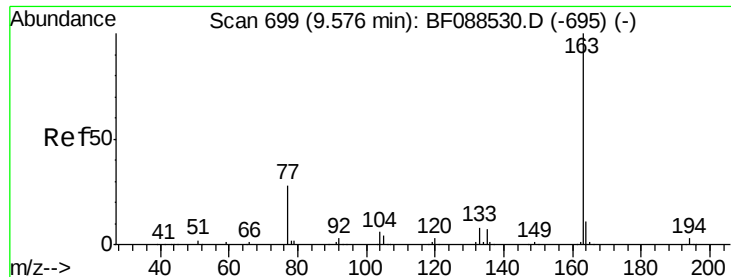
#44
 2-Fluorobiphenyl
 Concen: 113.75 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF088634.D
 Acq: 2 Jul 2016 23:28

Tgt Ion:172 Resp: 1285538
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.3 19.2 28.8



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

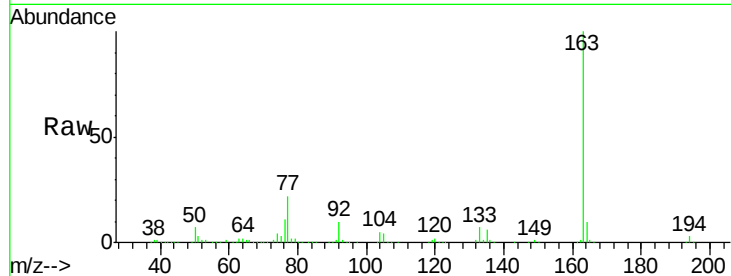




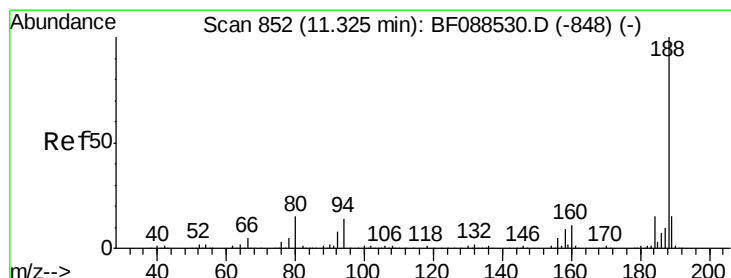
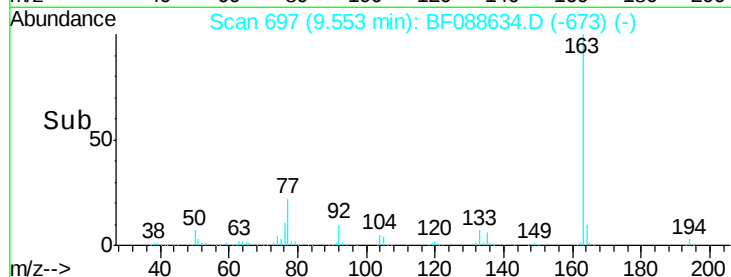
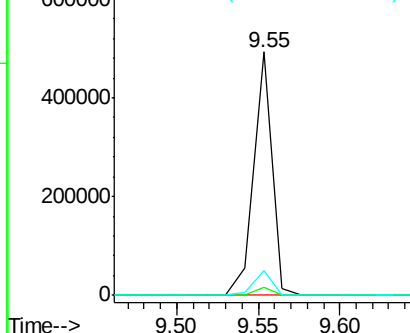
#49
Dimethylphthalate
Concen: 30.44 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088634.D
Acq: 2 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
C1.2-5

Tgt Ion:163 Resp: 387082
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.1 8.3 12.5

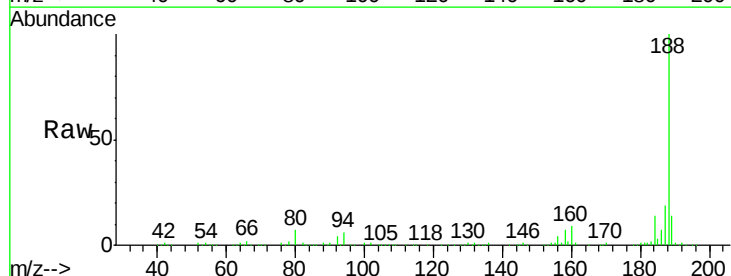


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

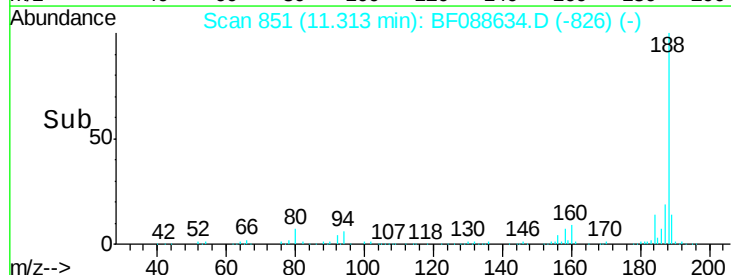
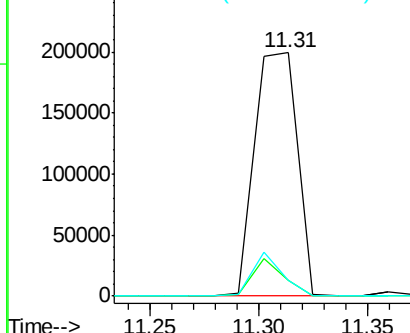


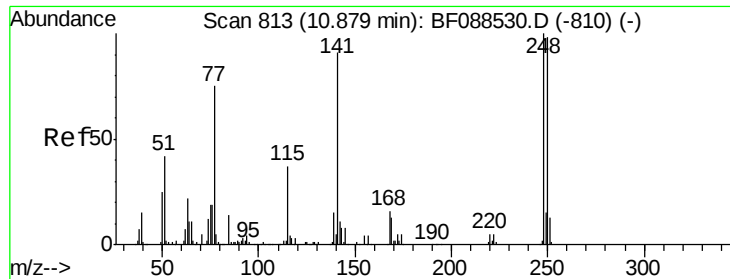
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF088634.D
Acq: 2 Jul 2016 23:28

Tgt Ion:188 Resp: 274389
Ion Ratio Lower Upper
188 100
94 6.3 9.0 13.6#
80 6.6 10.0 15.0#



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

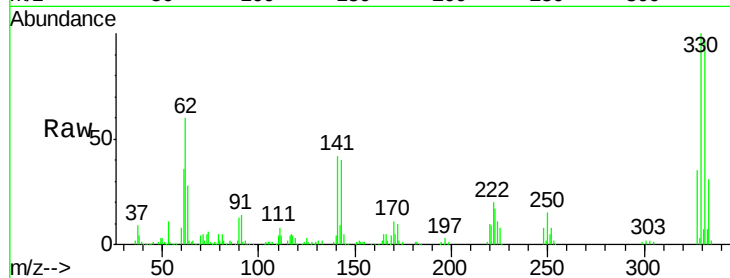




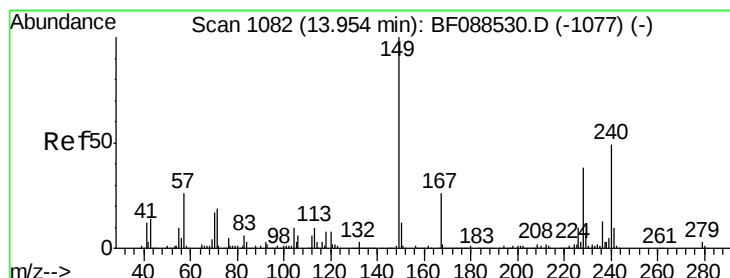
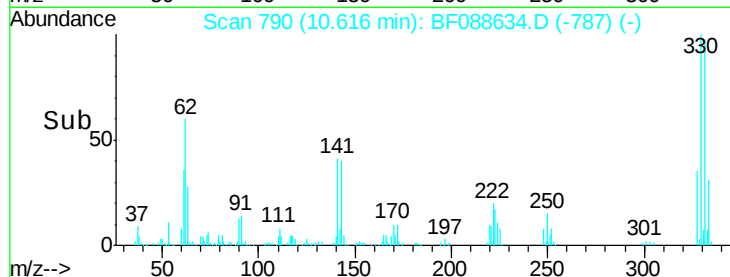
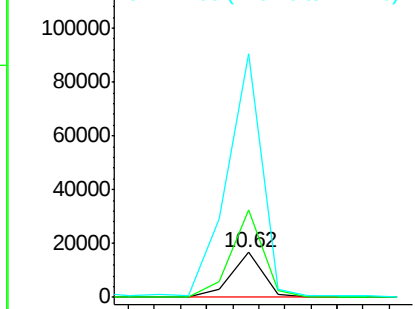
#66
4-Bromophenyl-phenylether
Concen: 5.19 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.26 min
Lab File: BF088634.D
Acq: 2 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
C1.2-5

Tgt Ion:248 Resp: 14353
Ion Ratio Lower Upper
248 100
250 195.3 77.1 115.7#
141 541.3 50.6 76.0#

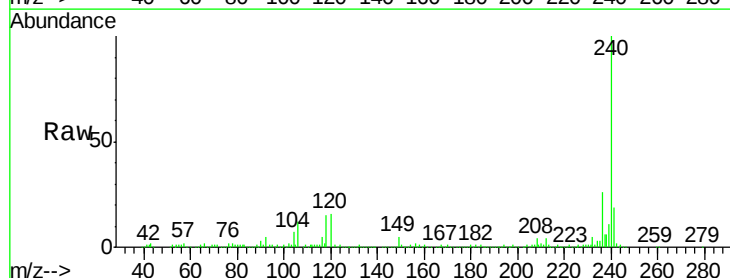


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

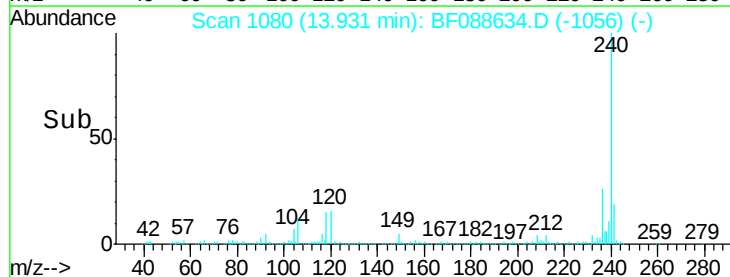
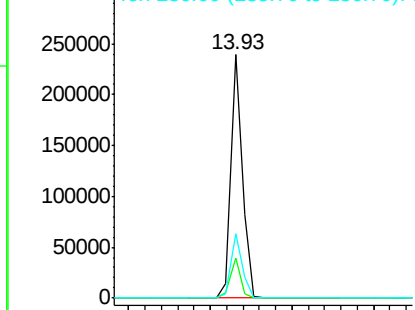


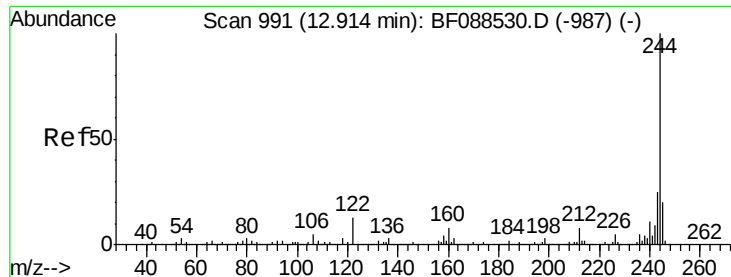
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF088634.D
Acq: 2 Jul 2016 23:28

Tgt Ion:240 Resp: 234767
Ion Ratio Lower Upper
240 100
120 16.4 6.8 10.2#
236 26.3 20.2 30.2



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

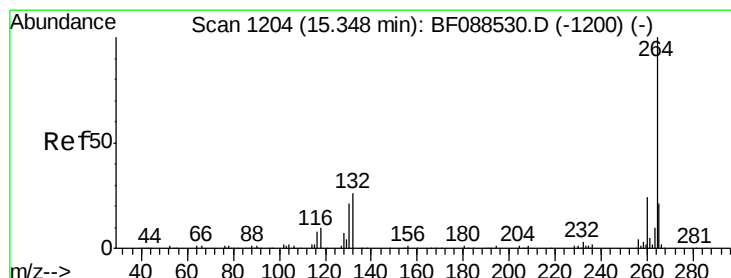
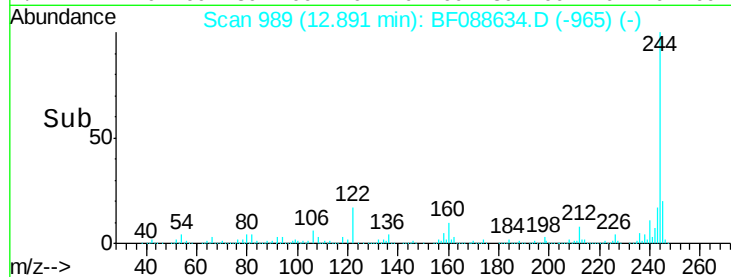
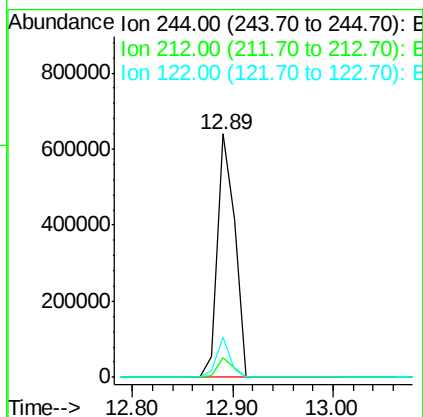
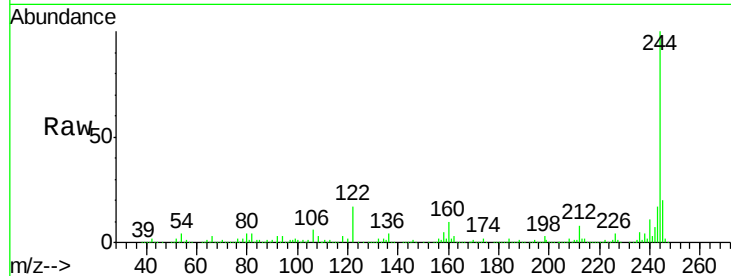




#78
 Terphenyl-d14
 Concen: 72.58 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF088634.D
 Acq: 2 Jul 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-5

Tgt Ion: 244 Resp: 765014
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 16.6 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF088634.D
 Acq: 2 Jul 2016 23:28

Tgt Ion: 264 Resp: 208748
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.6 16.9 25.3

