

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088810.D
 Acq On : 8 Jul 2016 6:54
 Operator : UM/SJ
 Sample : H3897-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Quant Time: Jul 08 08:09:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

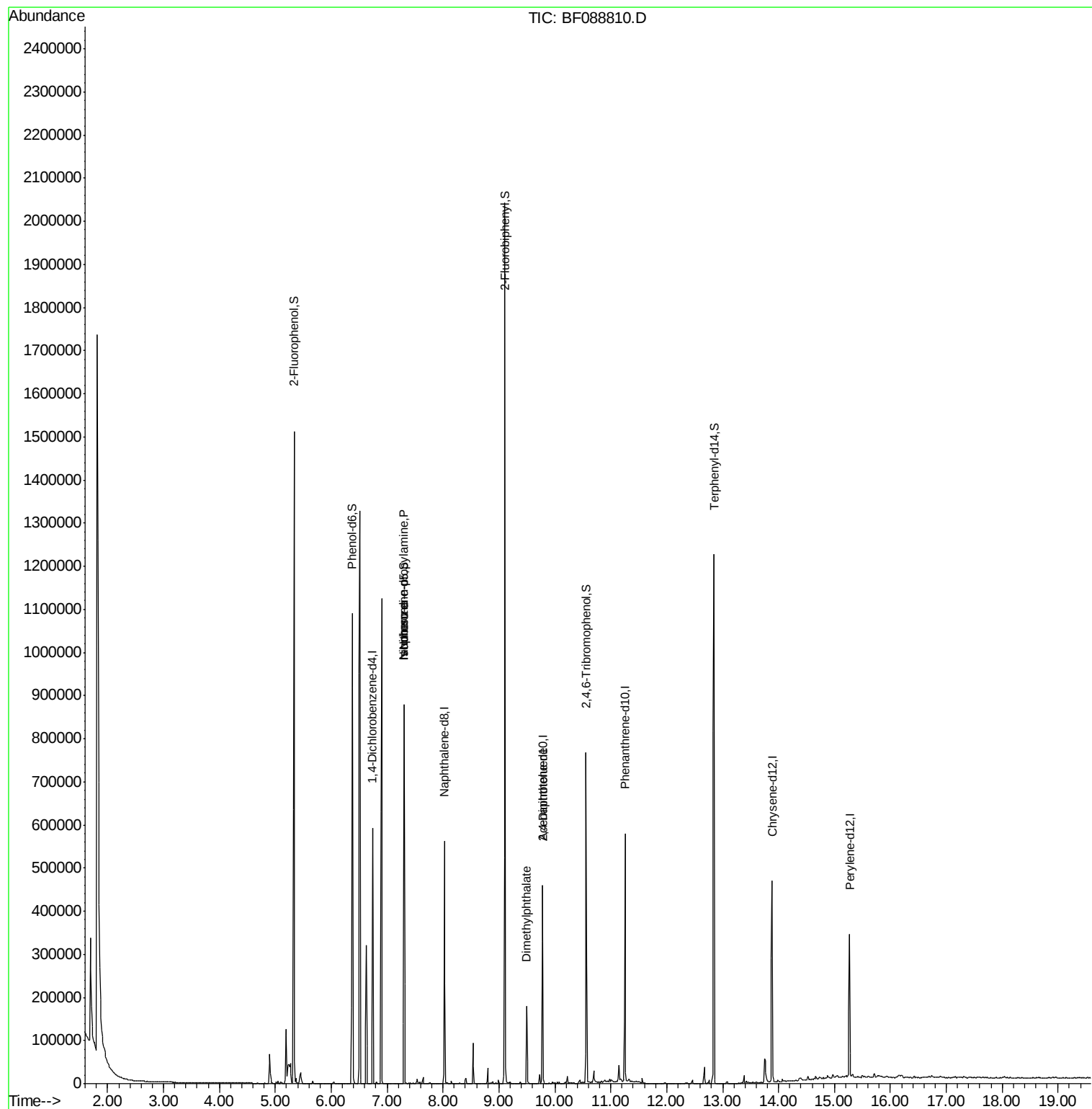
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	80802	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	282283	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	116608	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	202321	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	188496	20.00	ng	-0.03
86) Perylene-d12	15.27	264	138799	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	435707	80.81	ng	-0.03
7) Phenol-d6	6.38	99	573165	82.27	ng	-0.03
23) Nitrobenzene-d5	7.30	82	308999	57.36	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	92609	85.53	ng	-0.05
44) 2-Fluorobiphenyl	9.11	172	606245	82.12	ng	-0.03
78) Terphenyl-d14	12.85	244	473231	55.92	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	40468	8.65	ng	# 73
25) Isophorone	7.30	82	274300	27.49	ng	# 65
49) Dimethylphthalate	9.50	163	72838	8.77	ng	99
56) 2,4-Dinitrotoluene	9.78	165	14603	6.07	ng	# 36

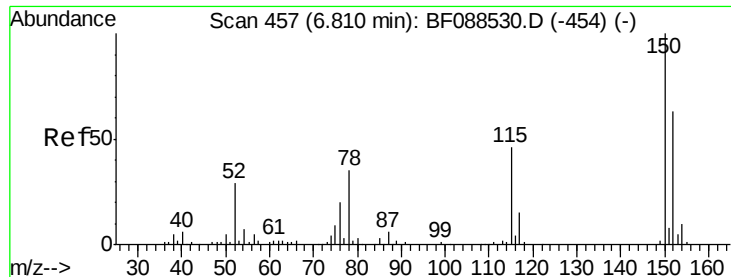
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF088810.D

Acq: 8 Jul 2016 6:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

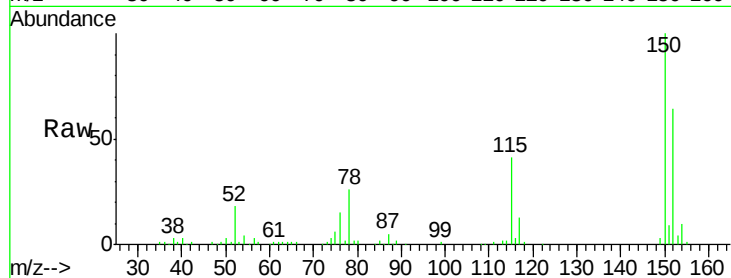
Tgt Ion:152 Resp: 80802

Ion Ratio Lower Upper

152 100

150 155.6 123.8 185.6

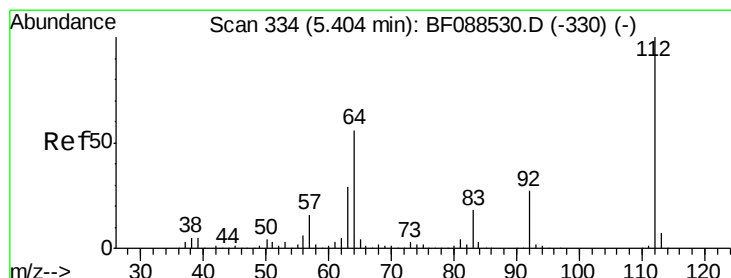
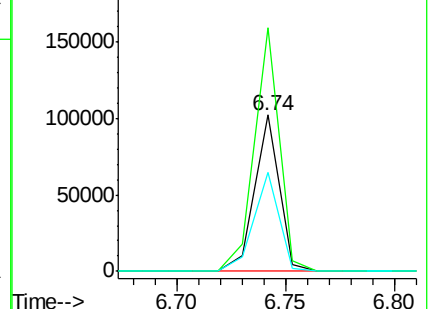
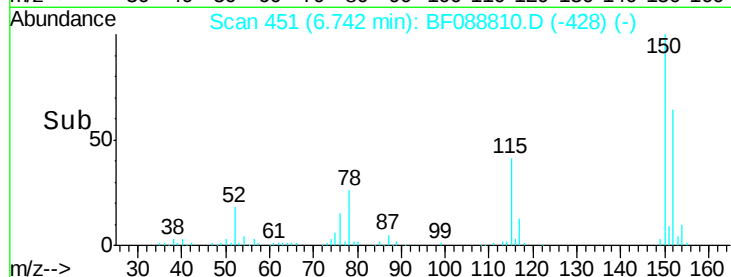
115 63.6 39.6 59.4#



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: 80.81 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088810.D

Acq: 8 Jul 2016 6:54

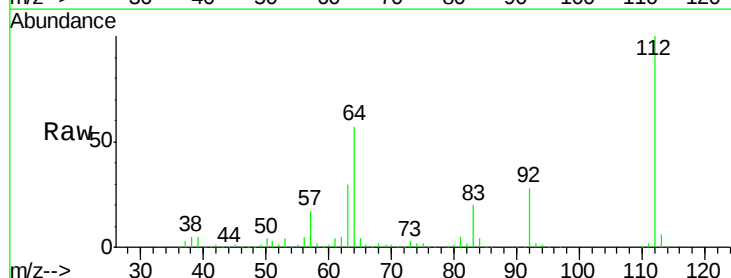
Tgt Ion:112 Resp: 435707

Ion Ratio Lower Upper

112 100

64 56.9 42.2 63.2

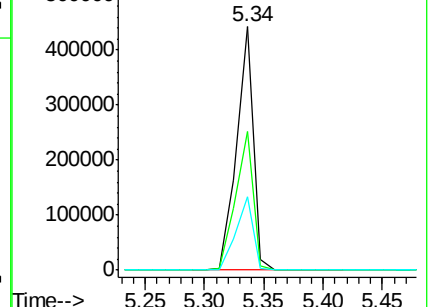
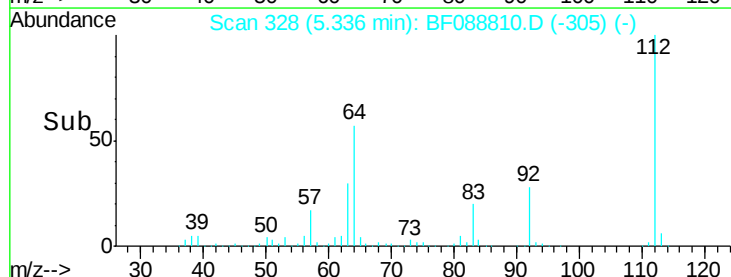
63 30.1 21.8 32.8



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: 82.27 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF088810.D

Acq: 8 Jul 2016 6:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

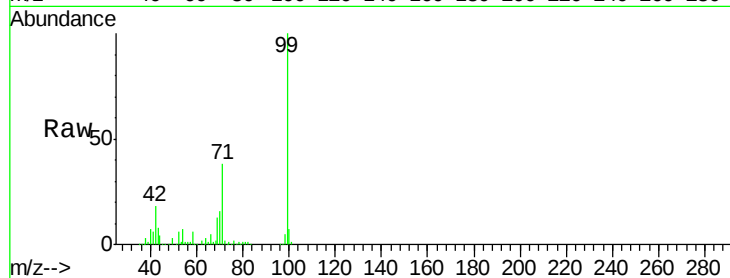
Tgt Ion: 99 Resp: 573165

Ion Ratio Lower Upper

99 100

42 17.8 12.2 18.2

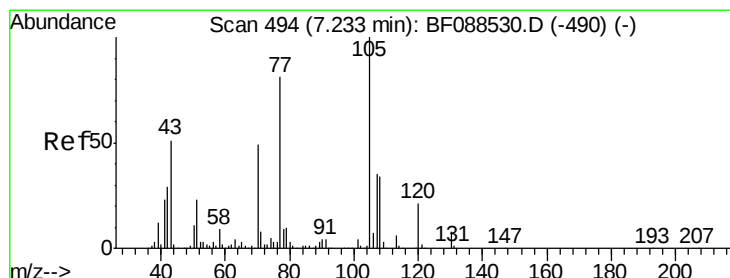
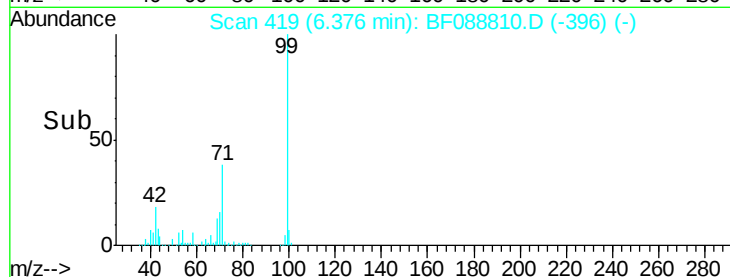
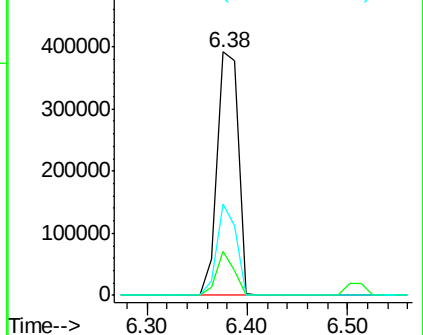
71 37.7 23.4 35.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.65 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.10 min

Lab File: BF088810.D

Acq: 8 Jul 2016 6:54

Tgt Ion: 70 Resp: 40468

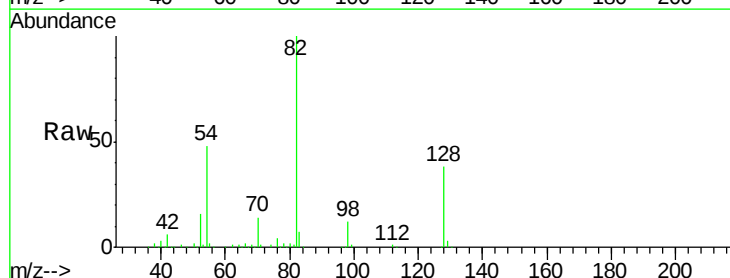
Ion Ratio Lower Upper

70 100

42 44.2 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#

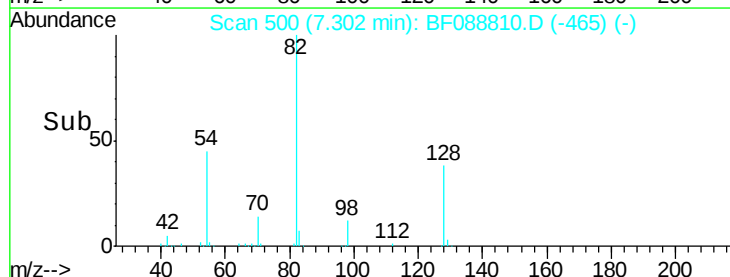
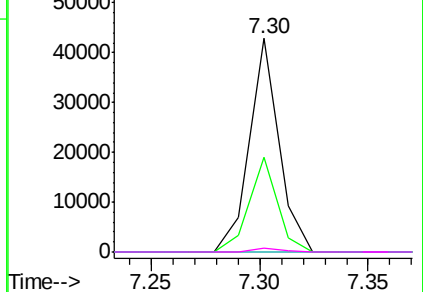


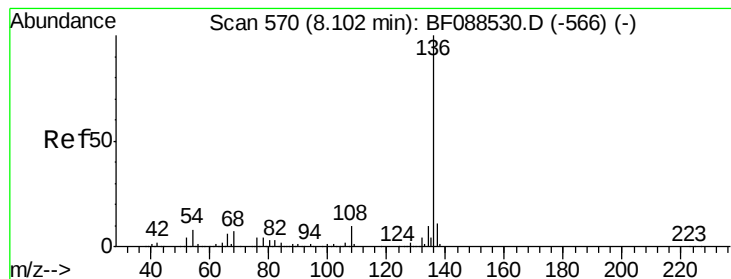
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF088810.D

Acq: 8 Jul 2016 6:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

Tgt Ion:136 Resp: 282283

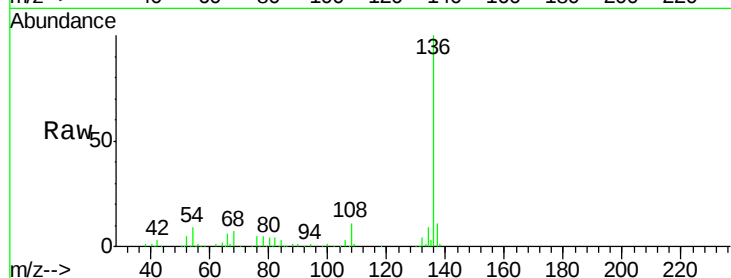
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.3 6.6 10.0

68 7.4 5.1 7.7

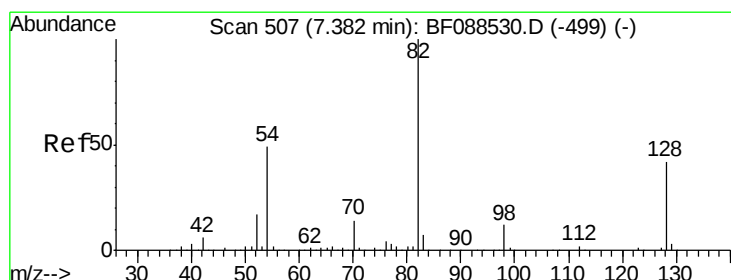
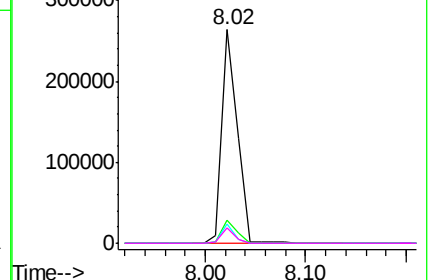
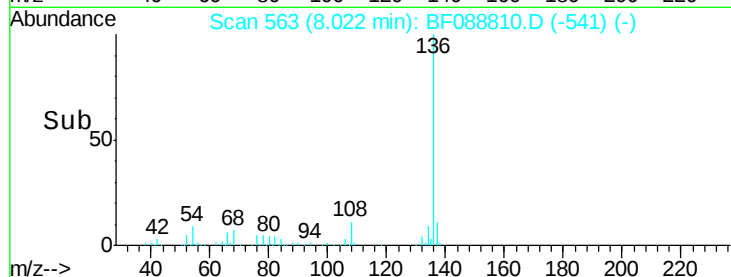


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.36 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF088810.D

Acq: 8 Jul 2016 6:54

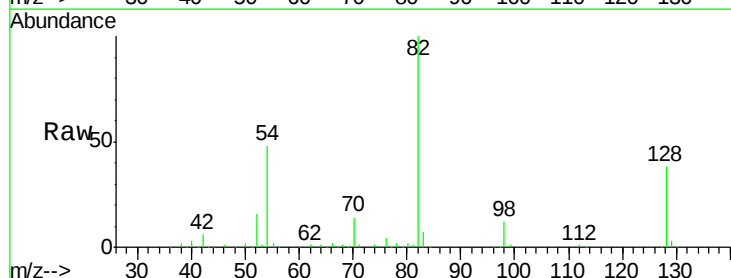
Tgt Ion: 82 Resp: 308999

Ion Ratio Lower Upper

82 100

128 38.4 35.9 53.9

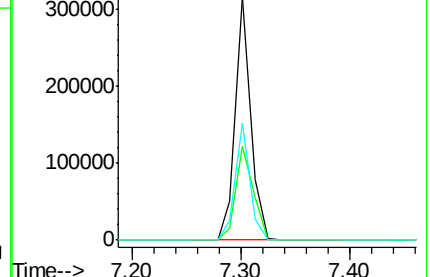
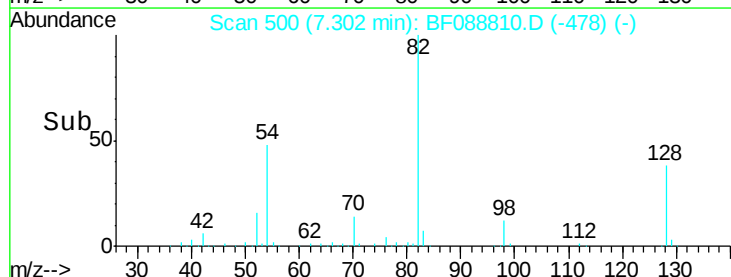
54 48.0 40.9 61.3

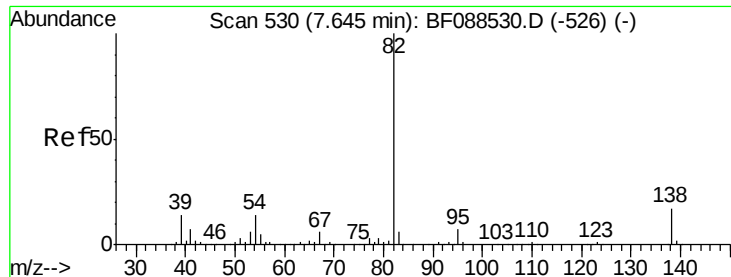


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 27.49 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.31 min

Lab File: BF088810.D

Acq: 8 Jul 2016 6:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

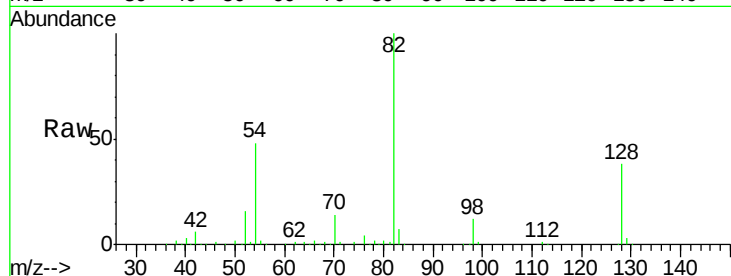
Tgt Ion: 82 Resp: 274300

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

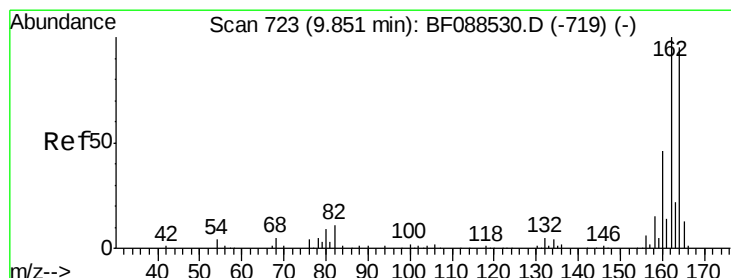
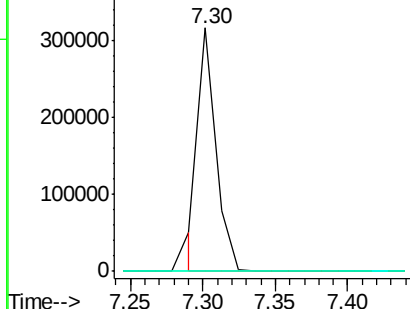
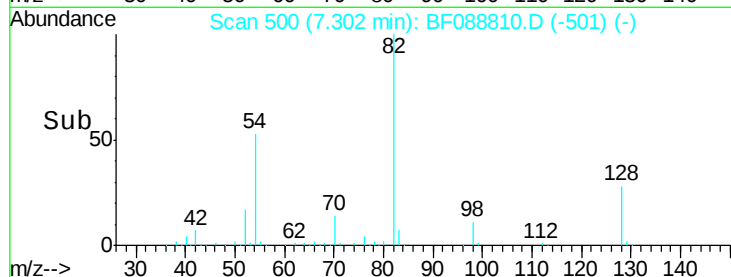
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF088810.D (-501) (-)

Ion 95.00 (94.70 to 95.70): BF088810.D (-501) (-)

Ion 138.00 (137.70 to 138.70): BF088810.D (-501) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF088810.D

Acq: 8 Jul 2016 6:54

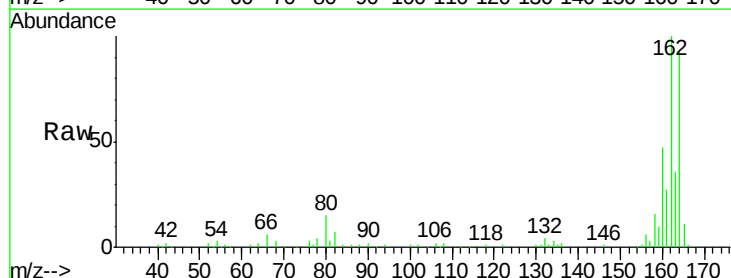
Tgt Ion: 164 Resp: 116608

Ion Ratio Lower Upper

164 100

162 107.2 85.4 128.2

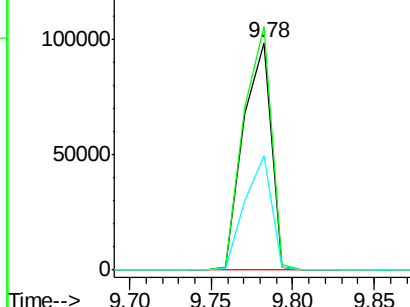
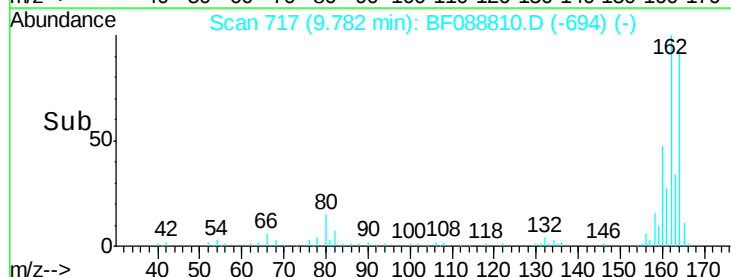
160 50.1 39.5 59.3

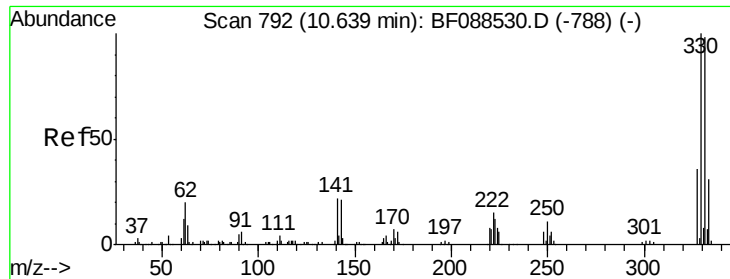


Abundance Ion 164.00 (163.70 to 164.70): BF088810.D (-694) (-)

Ion 162.00 (161.70 to 162.70): BF088810.D (-694) (-)

Ion 160.00 (159.70 to 160.70): BF088810.D (-694) (-)

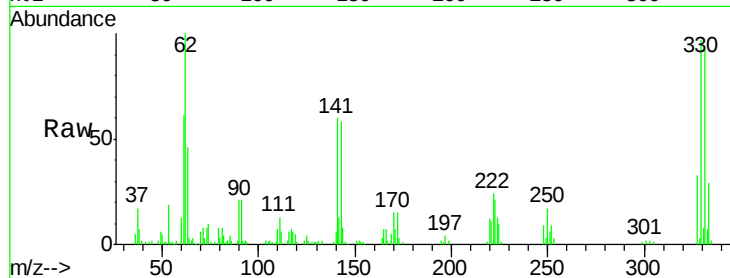




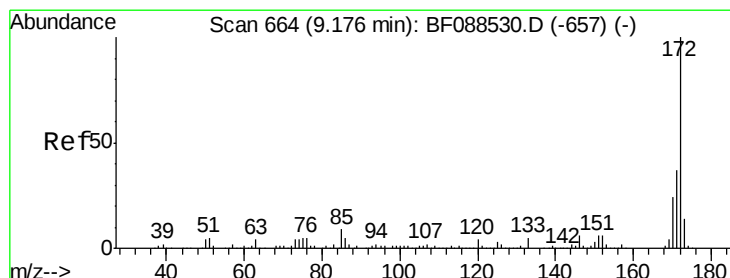
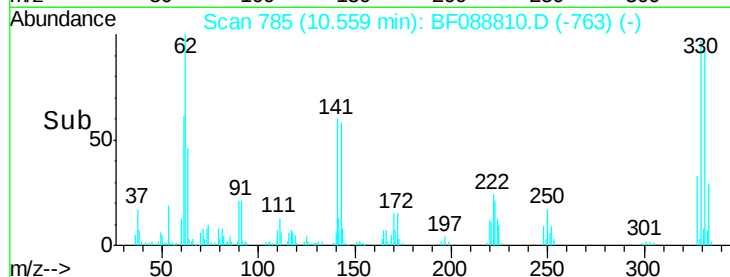
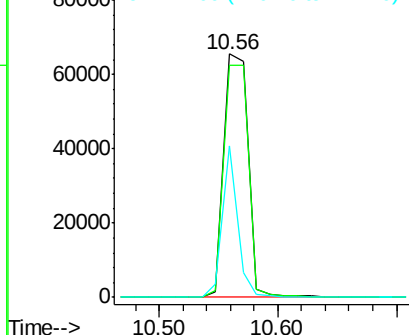
#41
 2,4,6-Tribromophenol
 Concen: 85.53 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF088810.D
 Acq: 8 Jul 2016 6:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Tgt Ion:330 Resp: 92609
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 38.4 0.0 0.0#

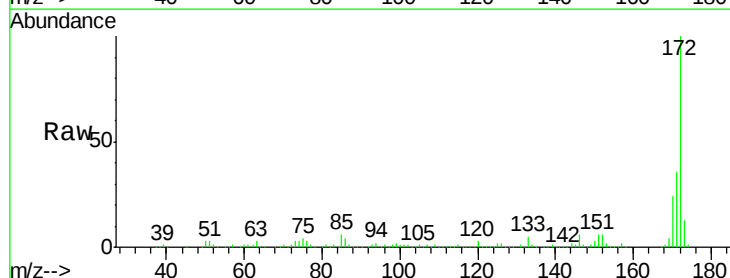


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

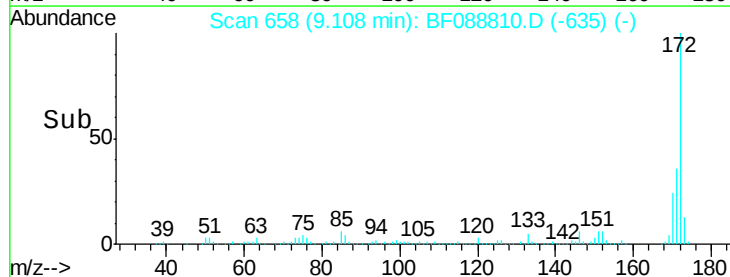
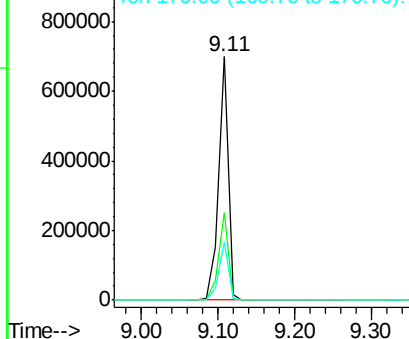


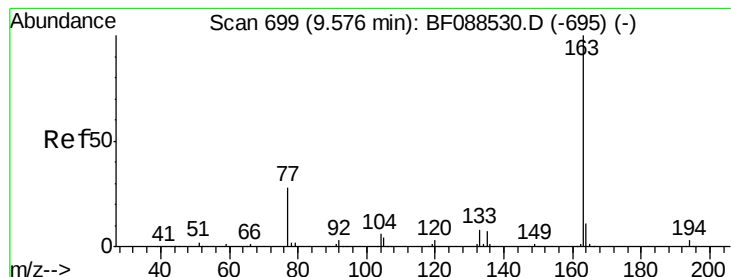
#44
 2-Fluorobiphenyl
 Concen: 82.12 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088810.D
 Acq: 8 Jul 2016 6:54

Tgt Ion:172 Resp: 606245
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.9 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: 8.77 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.05 min

Lab File: BF088810.D

Acq: 8 Jul 2016 6:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

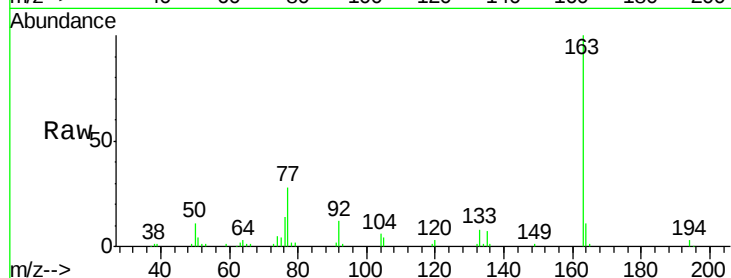
Tgt Ion:163 Resp: 72838

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

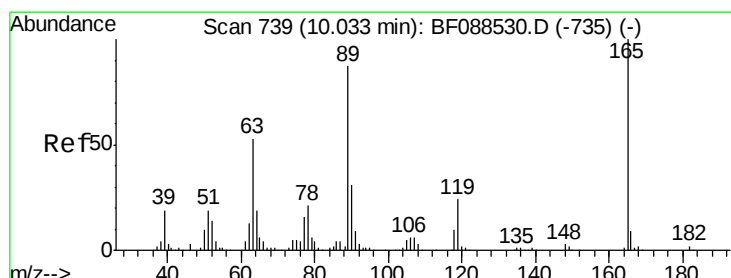
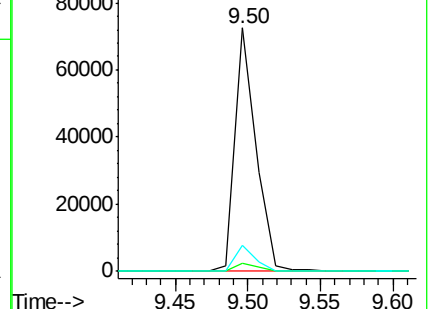
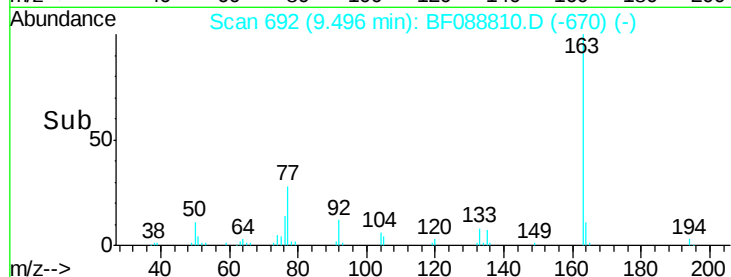
164 10.5 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.07 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.22 min

Lab File: BF088810.D

Acq: 8 Jul 2016 6:54

Tgt Ion:165 Resp: 14603

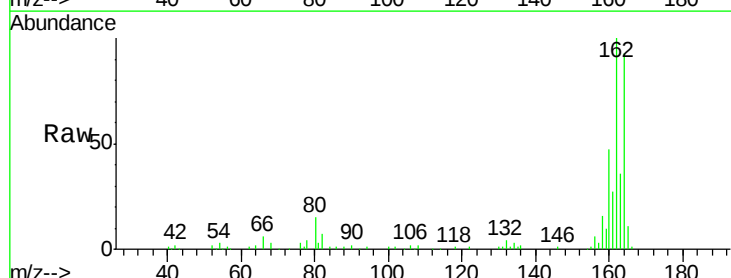
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

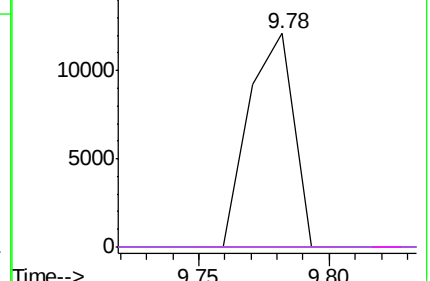
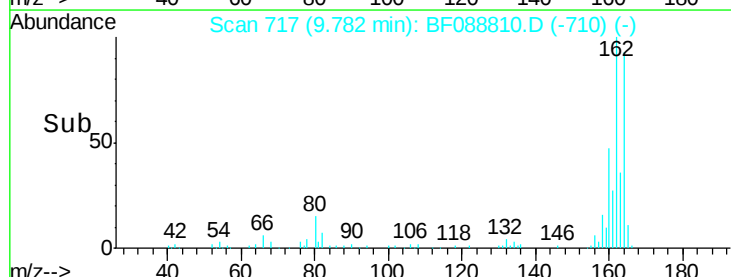


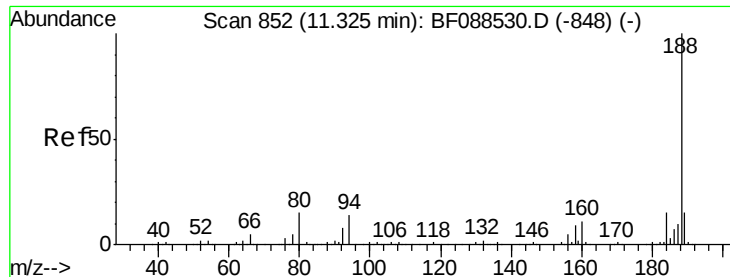
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

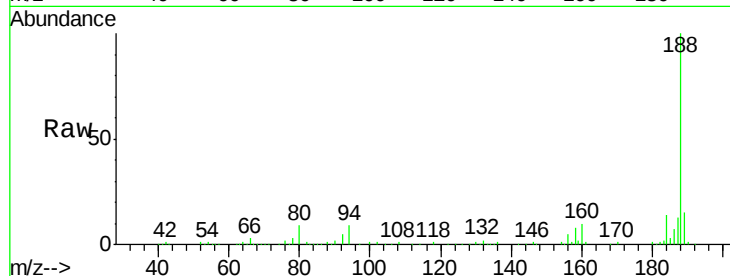




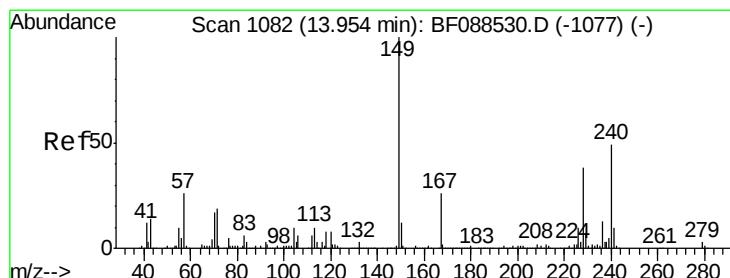
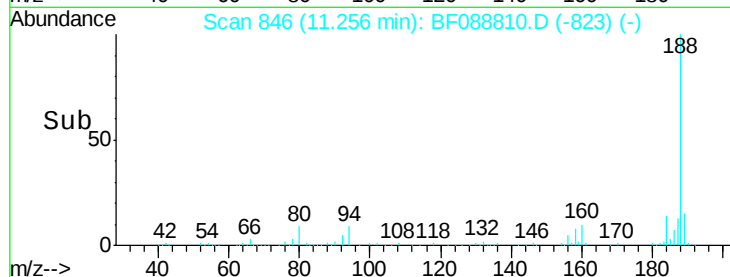
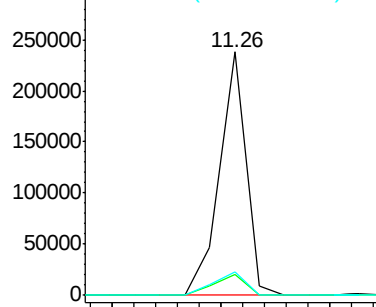
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF088810.D
Acq: 8 Jul 2016 6:54

Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

Tgt Ion:188 Resp: 202321
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.6#
80 9.5 10.0 15.0#

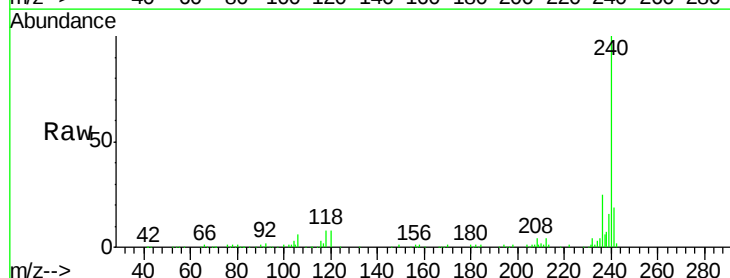


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

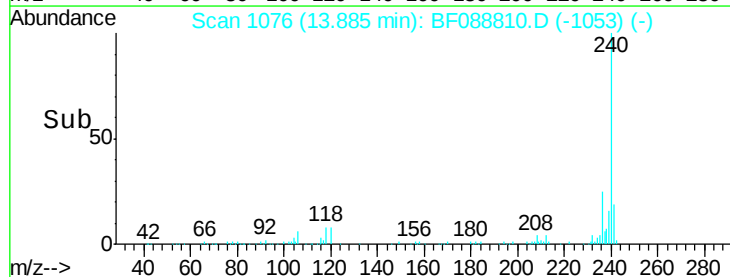
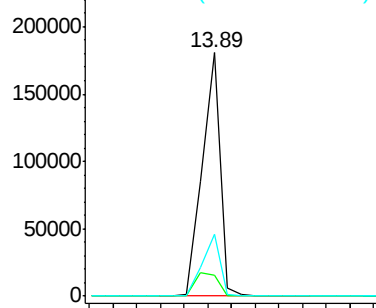


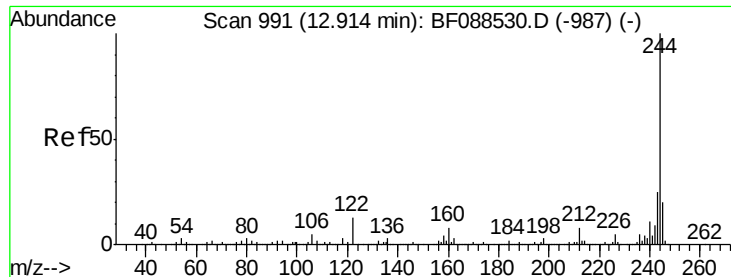
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.03 min
Lab File: BF088810.D
Acq: 8 Jul 2016 6:54

Tgt Ion:240 Resp: 188496
Ion Ratio Lower Upper
240 100
120 8.4 6.8 10.2
236 25.3 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

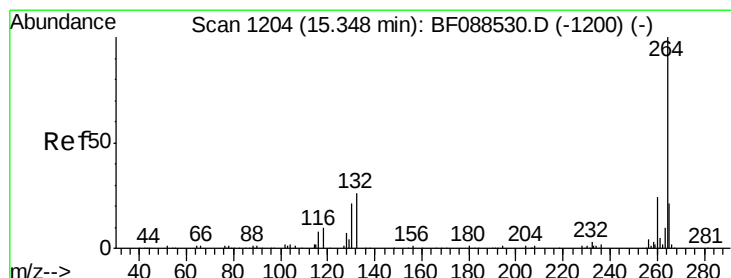
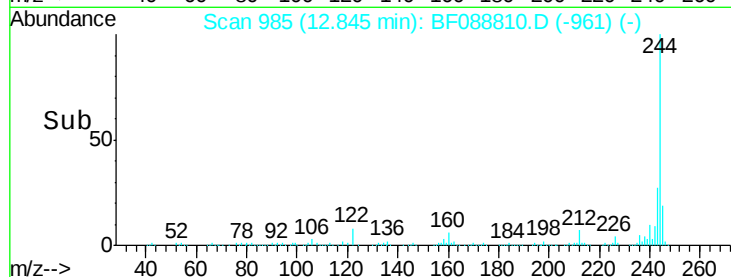
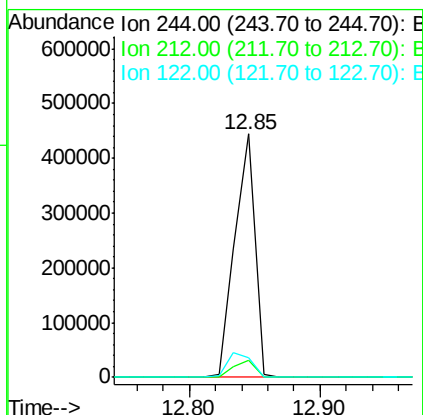
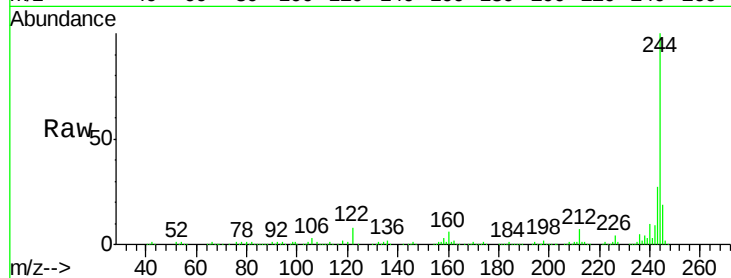




#78
 Terphenyl-d14
 Concen: 55.92 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF088810.D
 Acq: 8 Jul 2016 6:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Tgt Ion:244 Resp: 473231
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 7.8 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. -0.03 min
 Lab File: BF088810.D
 Acq: 8 Jul 2016 6:54

Tgt Ion:264 Resp: 138799
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.8 16.9 25.3

