

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088812.D
 Acq On : 8 Jul 2016 7:52
 Operator : UM/SJ
 Sample : H3897-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Quant Time: Jul 08 08:16:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 08:10:51 2016
 Response via : Initial Calibration

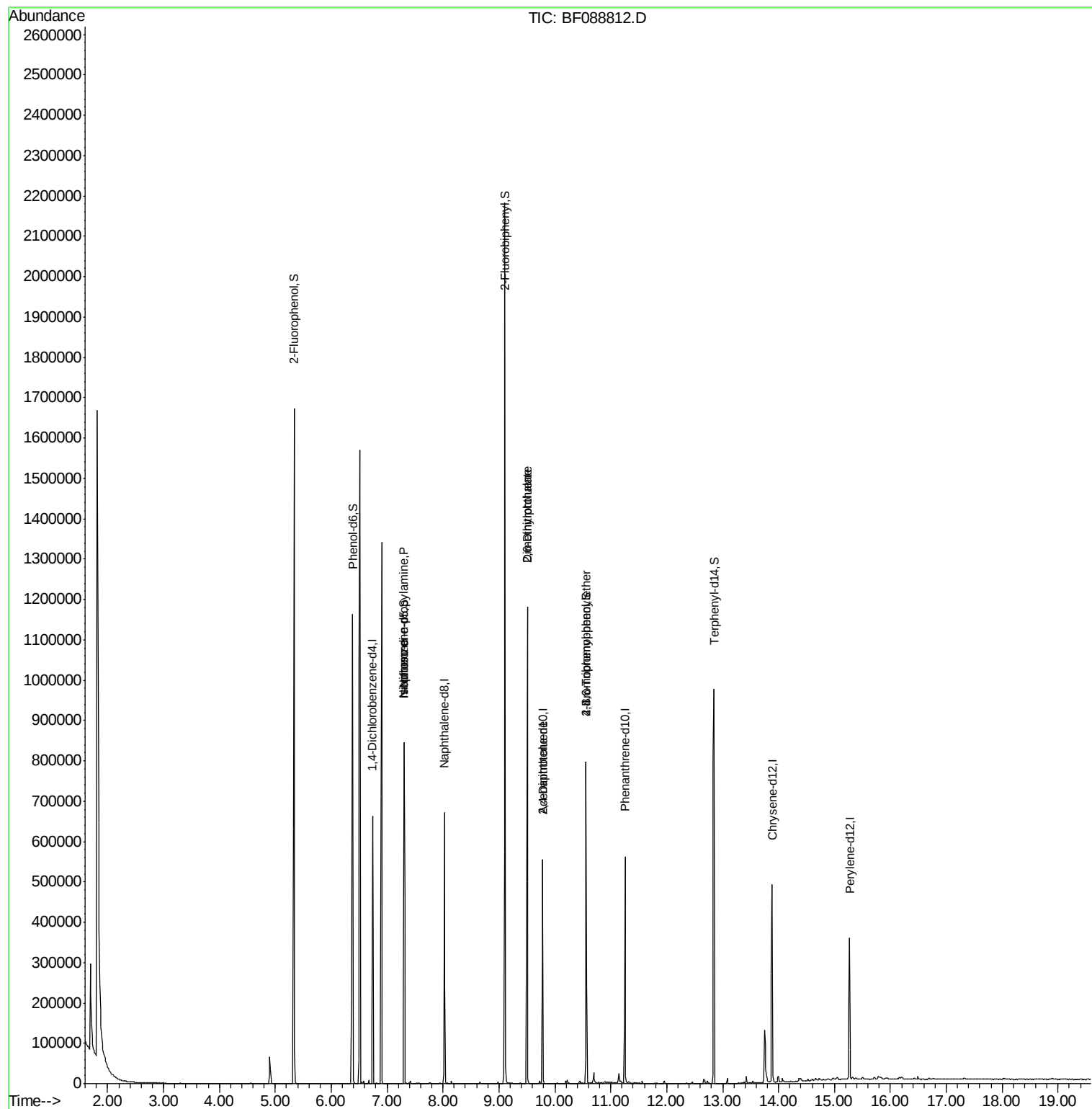
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	92332	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	321754	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	129057	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	200569	20.00	ng	0.00
75) Chrysene-d12	13.89	240	185470	20.00	ng	0.00
86) Perylene-d12	15.27	264	143558	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	465688	75.59	ng	0.01
7) Phenol-d6	6.39	99	665376	83.58	ng	0.00
23) Nitrobenzene-d5	7.30	82	357934	58.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	89251	74.47	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	641542	78.52	ng	0.00
78) Terphenyl-d14	12.85	244	417309	50.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	46903	8.77	ng	# 74
25) Isophorone	7.30	82	320953	28.22	ng	# 65
49) Dimethylphthalate	9.51	163	537060	58.41	ng	99
50) 2,6-Dinitrotoluene	9.51	165	5667	2.78	ng	# 6
56) 2,4-Dinitrotoluene	9.78	165	16339	6.13	ng	# 37
66) 4-Bromophenyl-phenylether	10.56	248	5900	2.92	ng	# 1

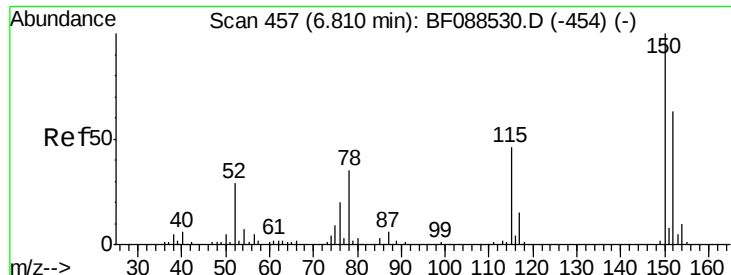
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 08 08:10:51 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF088812.D

Acq: 8 Jul 2016 7:52

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

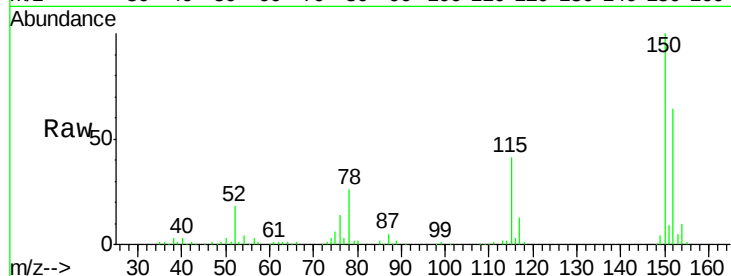
Tgt Ion:152 Resp: 92332

Ion Ratio Lower Upper

152 100

150 157.2 123.8 185.6

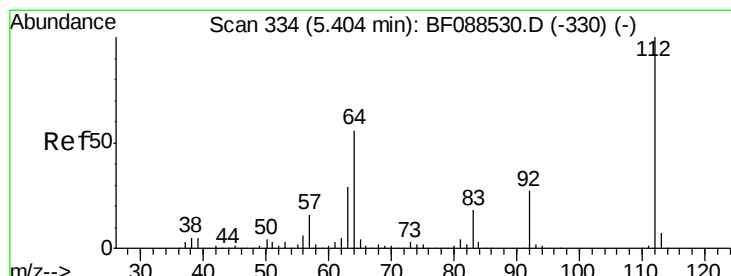
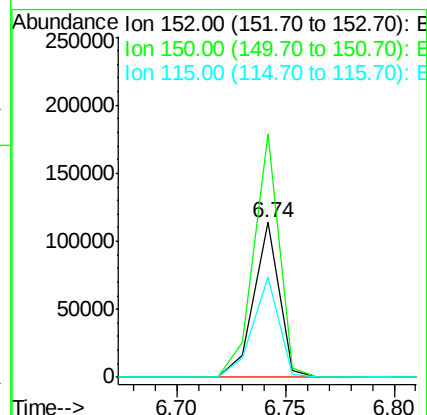
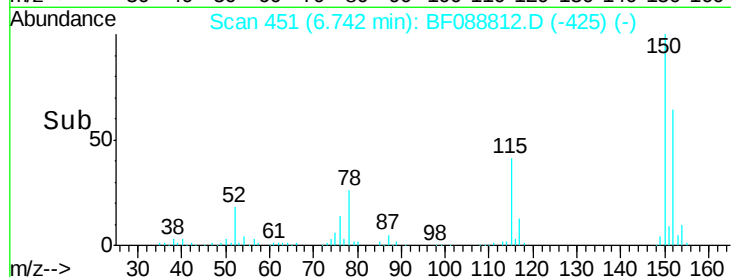
115 64.7 39.6 59.4#



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: 75.59 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088812.D

Acq: 8 Jul 2016 7:52

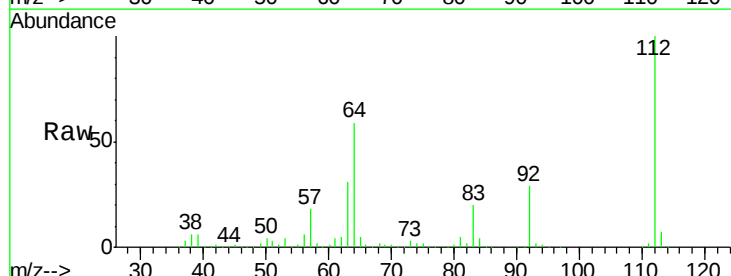
Tgt Ion:112 Resp: 465688

Ion Ratio Lower Upper

112 100

64 59.3 42.2 63.2

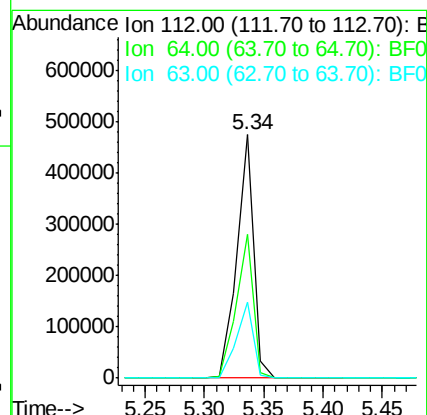
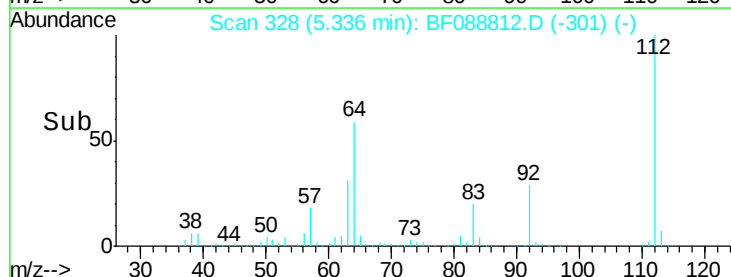
63 31.4 21.8 32.8

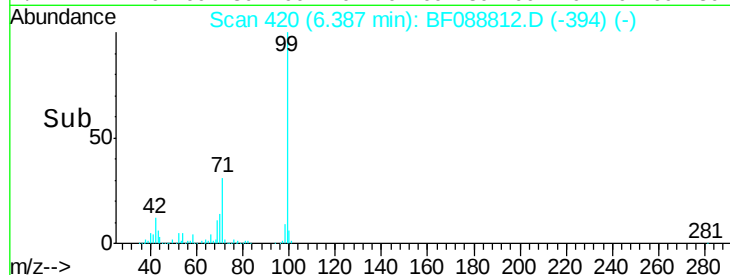
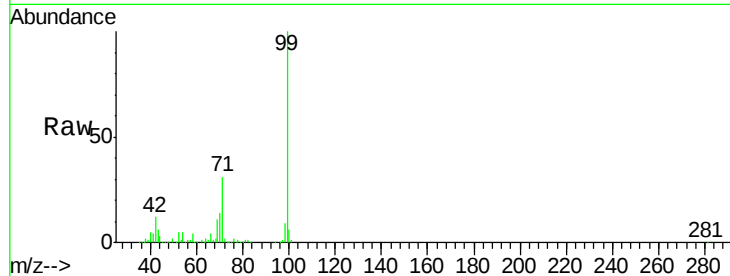


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 83.58 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088812.D

Acq: 8 Jul 2016 7:52

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

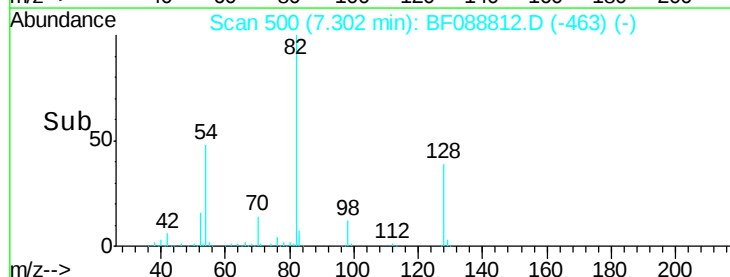
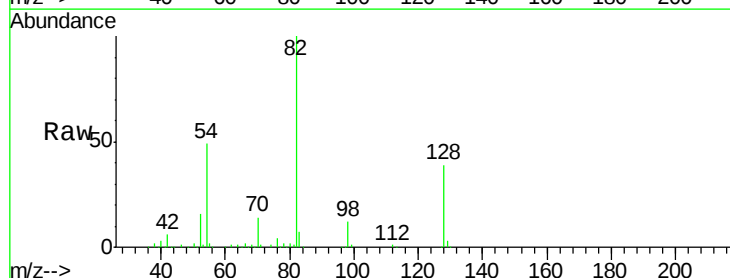
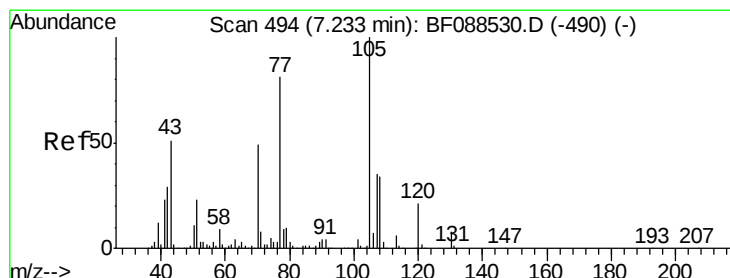
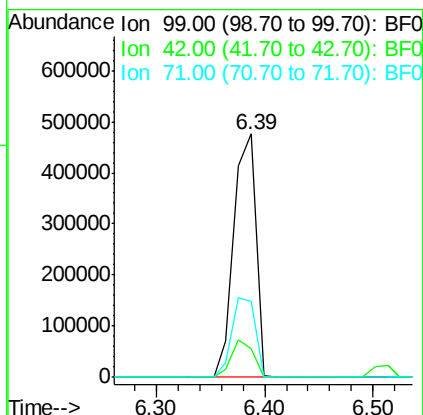
Tgt Ion: 99 Resp: 665376

Ion Ratio Lower Upper

99 100

42 11.6 12.2 18.2#

71 31.1 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 8.77 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.13 min

Lab File: BF088812.D

Acq: 8 Jul 2016 7:52

Tgt Ion: 70 Resp: 46903

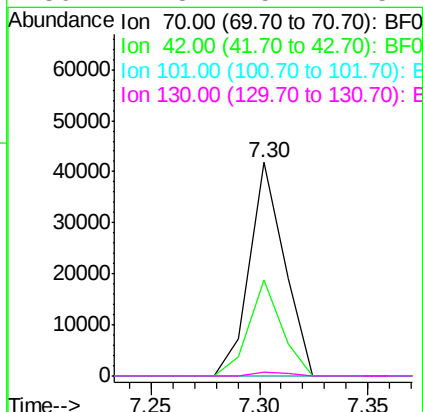
Ion Ratio Lower Upper

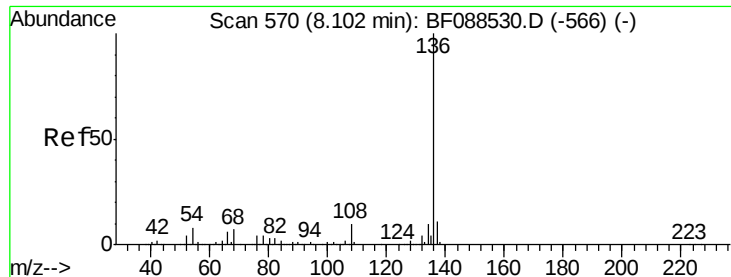
70 100

42 44.8 49.6 74.4#

101 0.0 7.1 10.7#

130 1.8 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF088812.D

Acq: 8 Jul 2016 7:52

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

Tgt Ion: 136 Resp: 321754

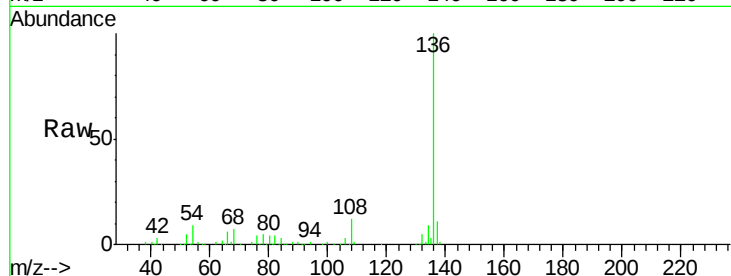
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.0 6.6 10.0

68 7.5 5.1 7.7

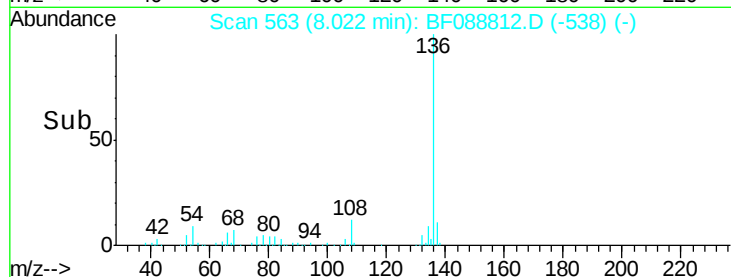


Abundance Ion 136.00 (135.70 to 136.70): E

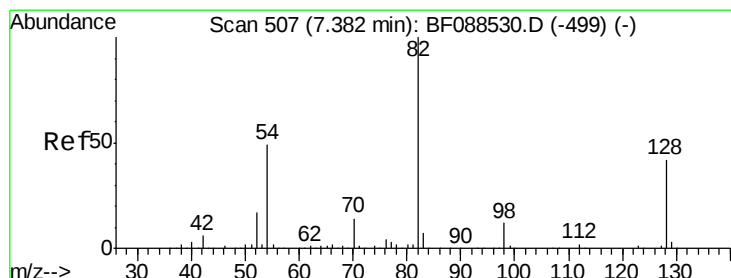
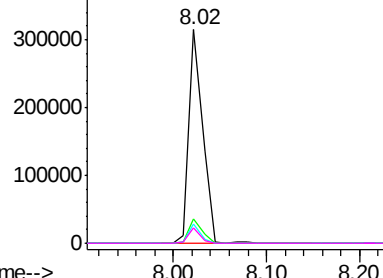
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 58.30 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF088812.D

Acq: 8 Jul 2016 7:52

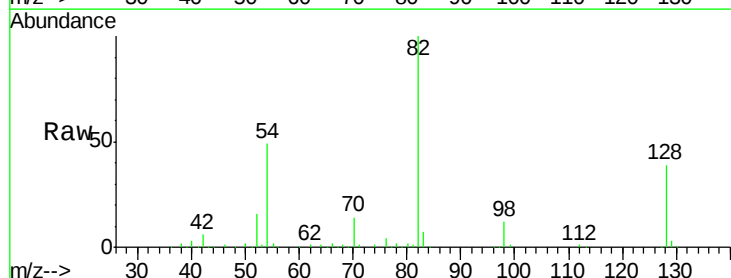
Tgt Ion: 82 Resp: 357934

Ion Ratio Lower Upper

82 100

128 39.0 35.9 53.9

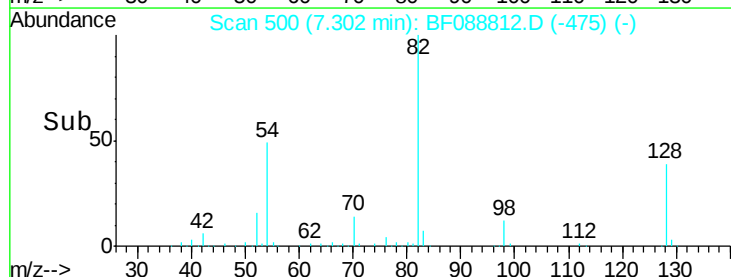
54 48.5 40.9 61.3



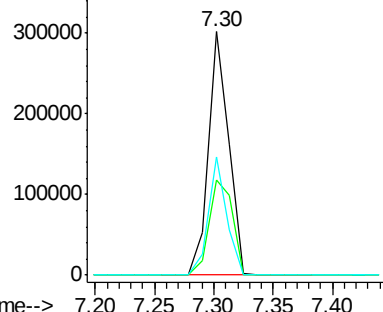
Abundance Ion 82.00 (81.70 to 82.70): BF0

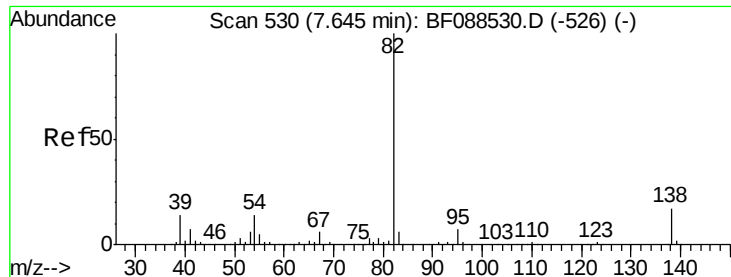
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 28.22 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.27 min

Lab File: BF088812.D

Acq: 8 Jul 2016 7:52

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

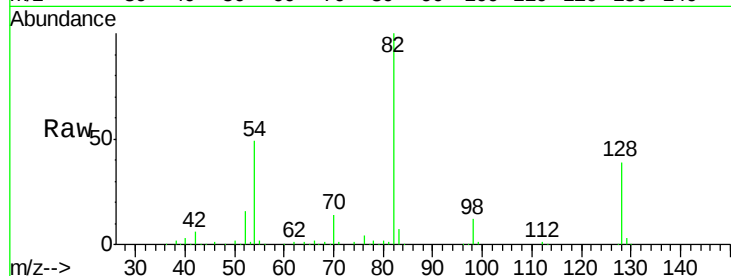
Tgt Ion: 82 Resp: 320953

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

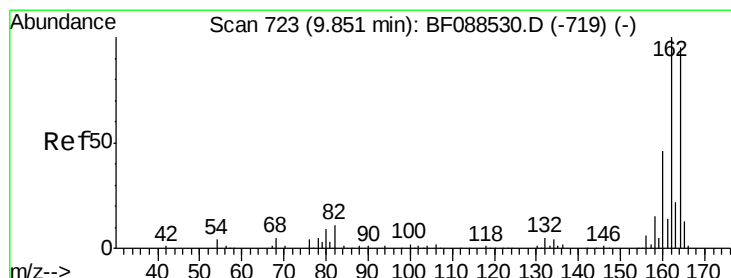
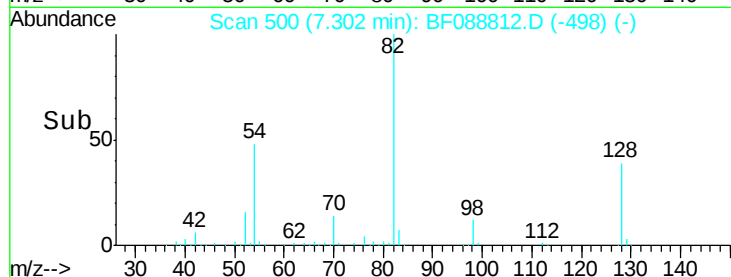
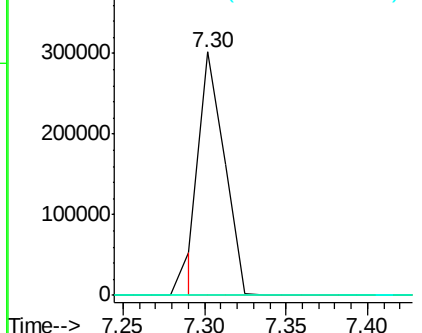
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): 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: 9.78 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF088812.D

Acq: 8 Jul 2016 7:52

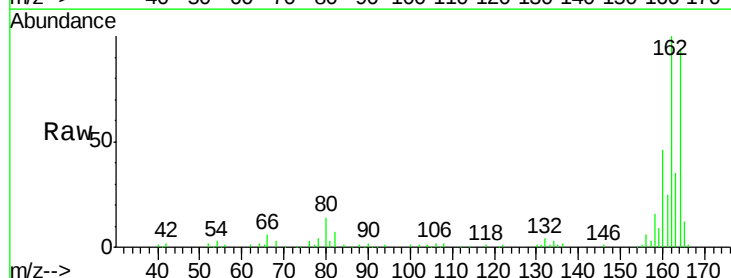
Tgt Ion: 164 Resp: 129057

Ion Ratio Lower Upper

164 100

162 106.1 85.4 128.2

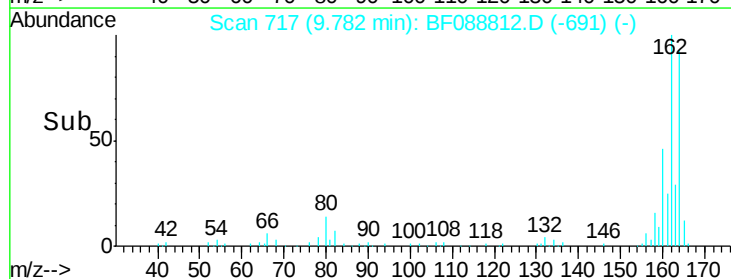
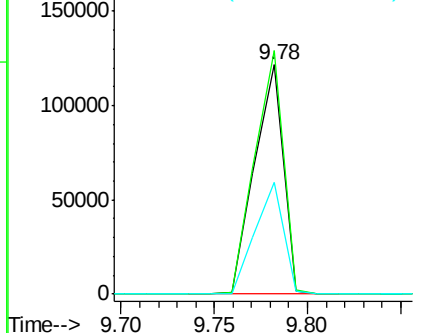
160 48.7 39.5 59.3

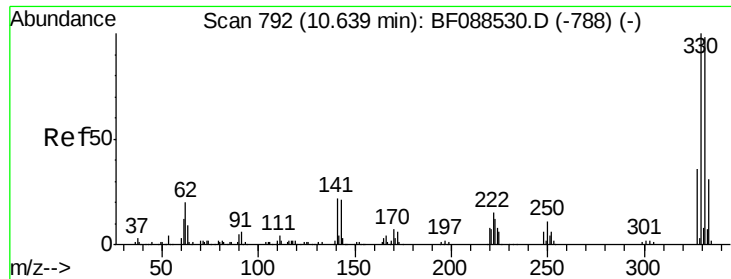


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

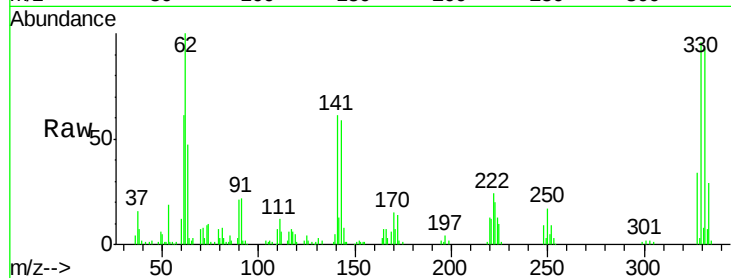




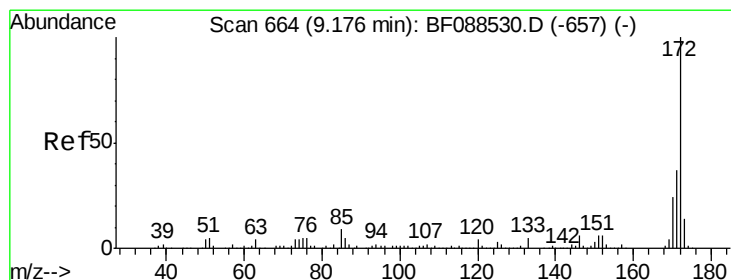
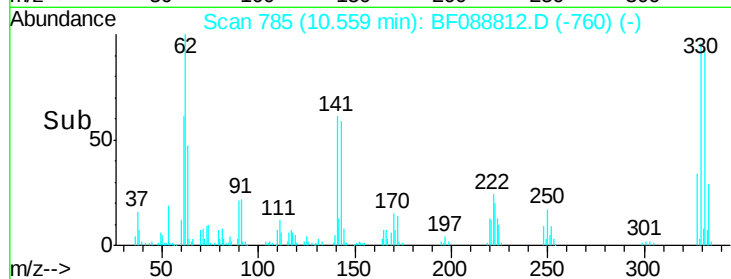
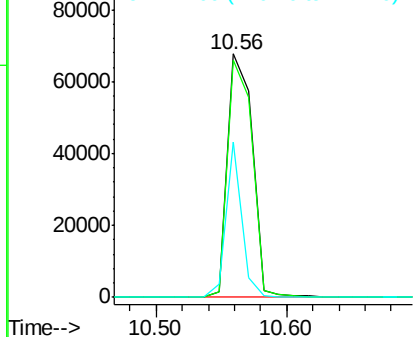
#41
 2,4,6-Tribromophenol
 Concen: 74.47 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF088812.D
 Acq: 8 Jul 2016 7:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Tgt Ion:330 Resp: 89251
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 40.5 0.0 0.0#

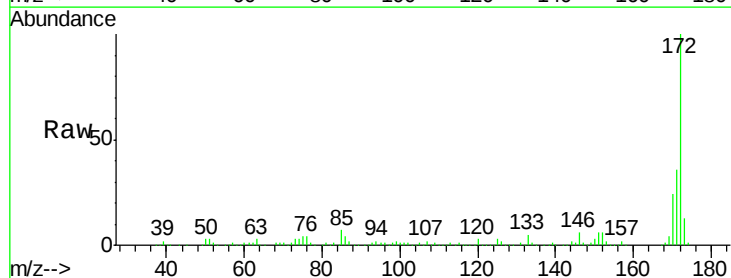


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

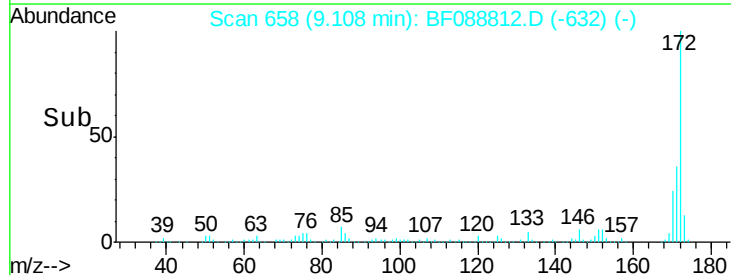
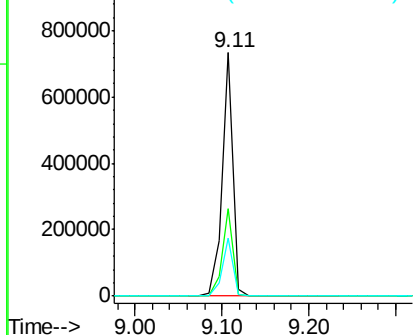


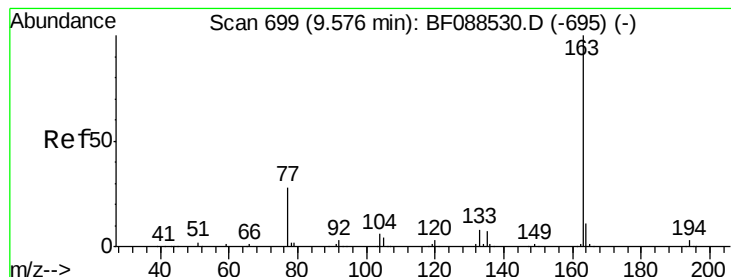
#44
 2-Fluorobiphenyl
 Concen: 78.52 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF088812.D
 Acq: 8 Jul 2016 7:52

Tgt Ion:172 Resp: 641542
 Ion Ratio Lower Upper
 172 100
 171 36.1 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: 58.41 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF088812.D

Acq: 8 Jul 2016 7:52

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

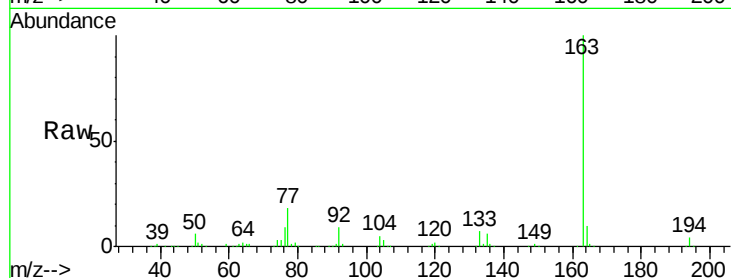
Tgt Ion:163 Resp: 537060

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

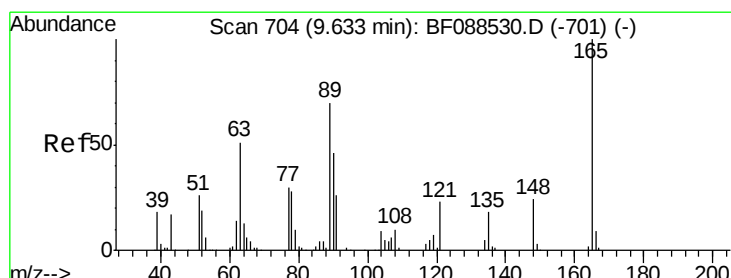
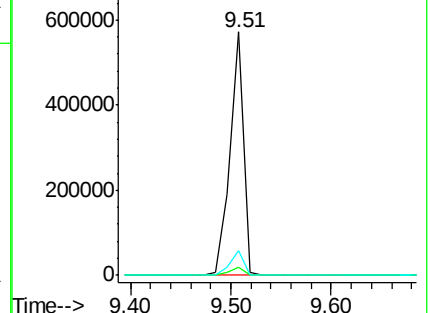
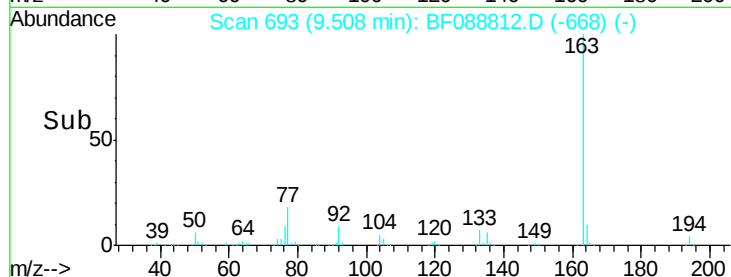
164 9.9 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 2.78 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.07 min

Lab File: BF088812.D

Acq: 8 Jul 2016 7:52

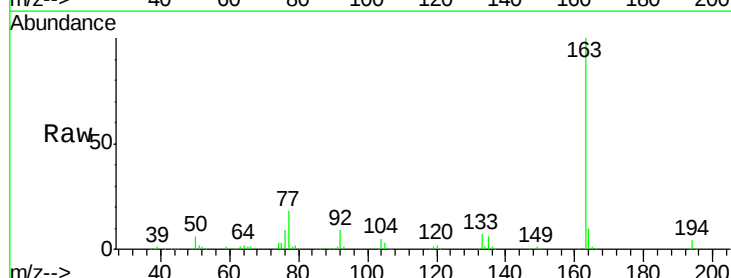
Tgt Ion:165 Resp: 5667

Ion Ratio Lower Upper

165 100

63 123.3 28.1 42.1#

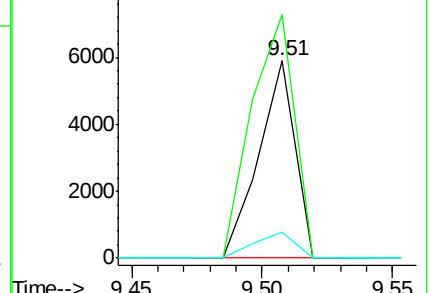
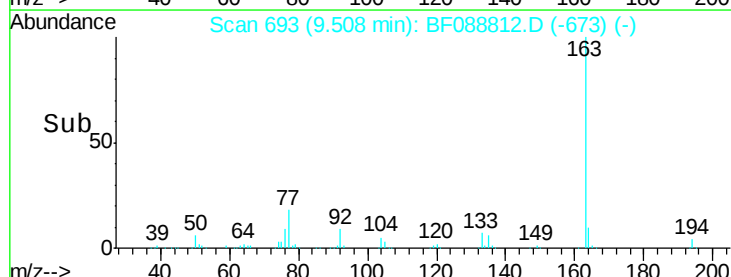
89 13.2 32.2 48.2#

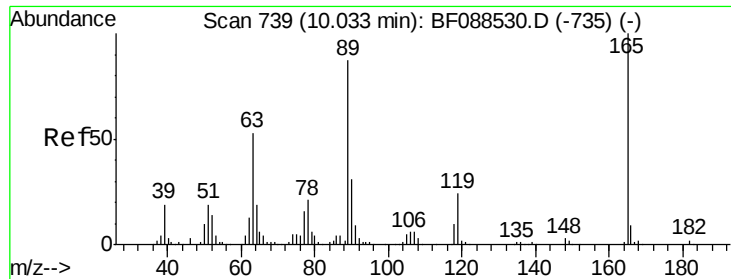


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

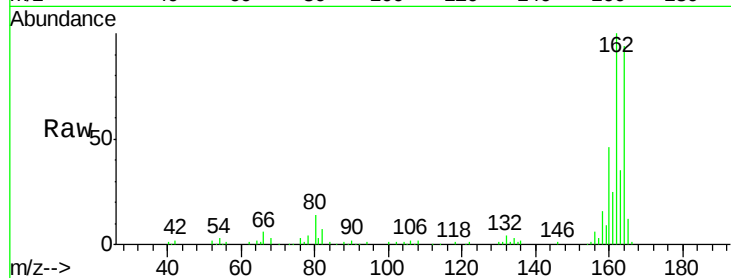




#56
2,4-Dinitrotoluene
Concen: 6.13 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.19 min
Lab File: BF088812.D
Acq: 8 Jul 2016 7:52

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion:	165	Resp:	16339
Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	2.1	41.1	61.7#
182	0.0	2.0	3.0#

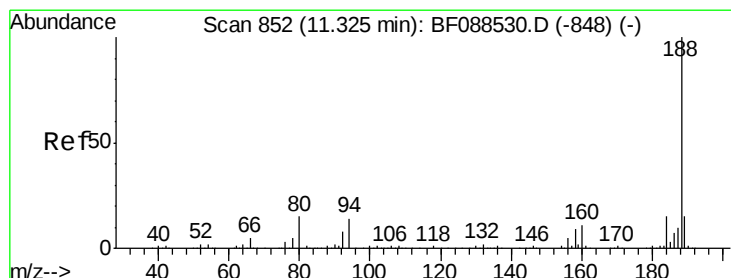
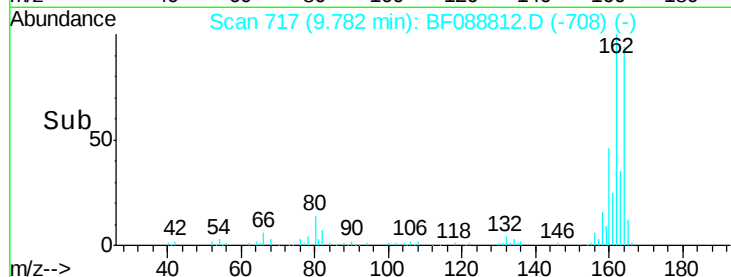
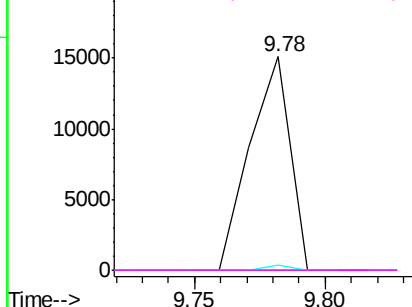


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

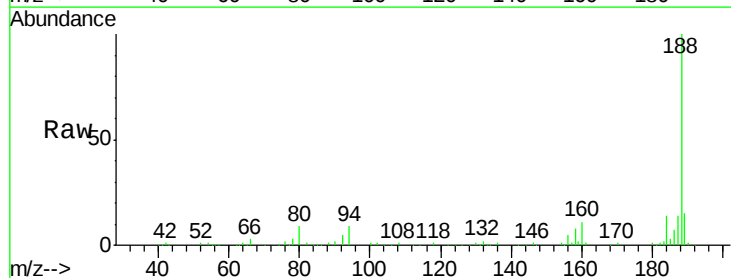
Ion 89.00 (88.70 to 89.70): BF0

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. 0.00 min
Lab File: BF088812.D
Acq: 8 Jul 2016 7:52

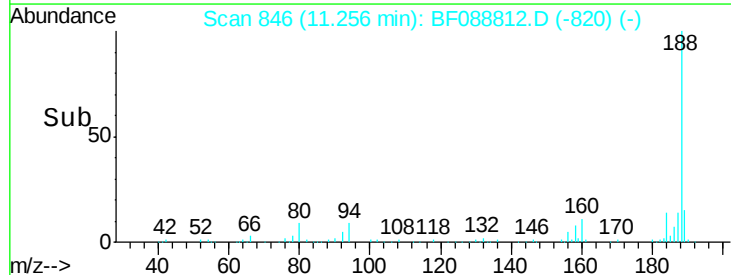
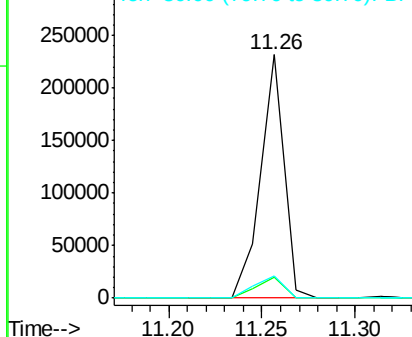
Tgt Ion:	188	Resp:	200569
Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.6#
80	9.3	10.0	15.0#

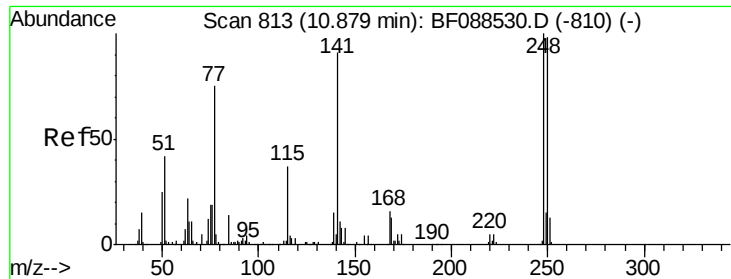


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

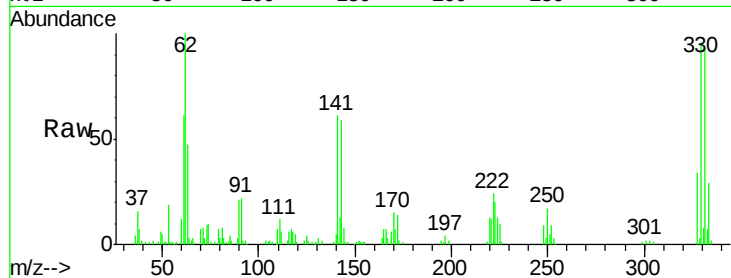




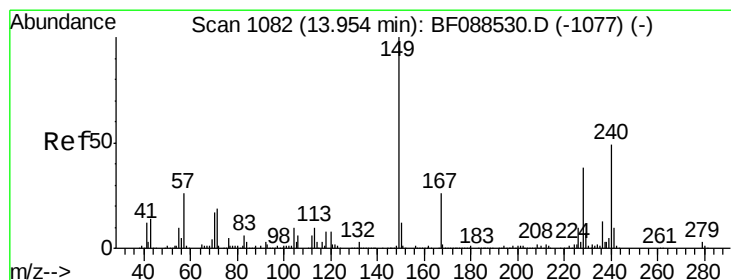
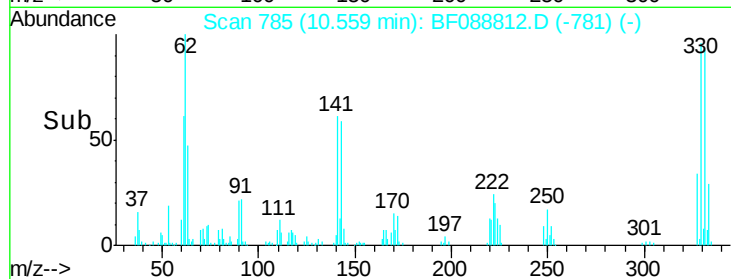
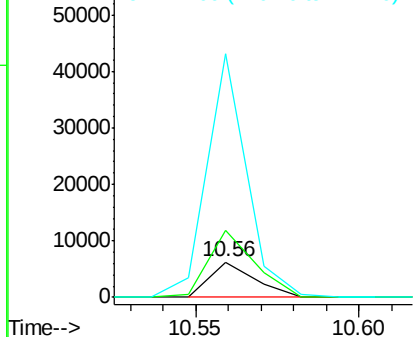
#66
 4-Bromophenyl-phenylether
 Concen: 2.92 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.25 min
 Lab File: BF088812.D
 Acq: 8 Jul 2016 7:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Tgt Ion:248 Resp: 5900
 Ion Ratio Lower Upper
 248 100
 250 186.5 77.1 115.7#
 141 684.3 50.6 76.0#

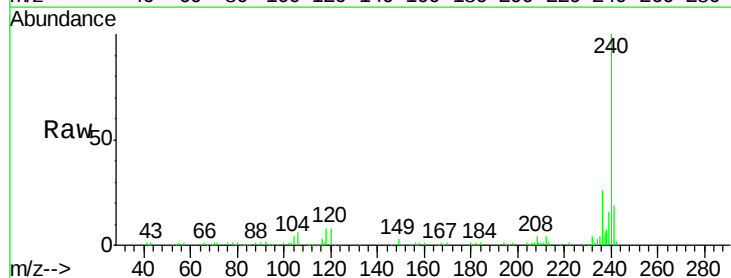


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

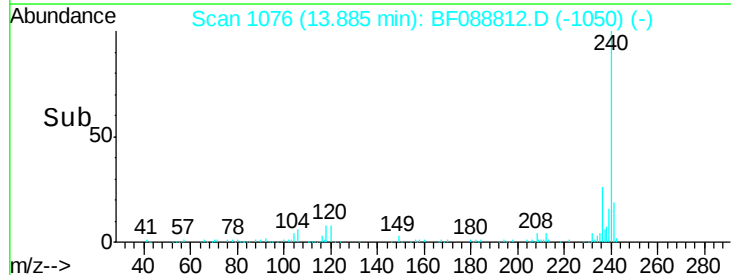
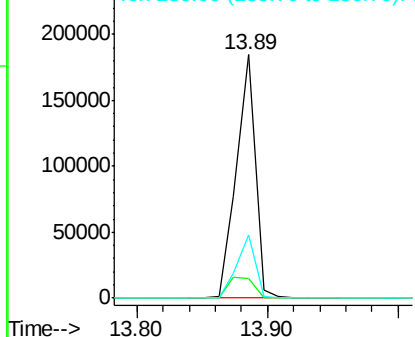


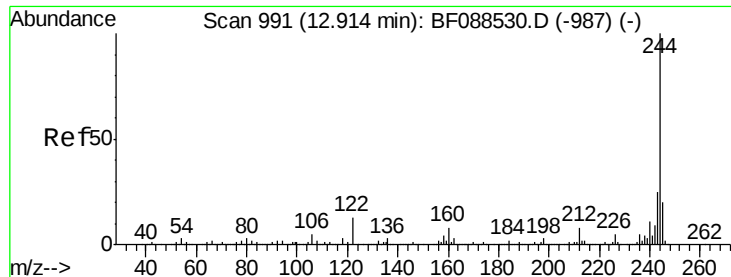
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF088812.D
 Acq: 8 Jul 2016 7:52

Tgt Ion:240 Resp: 185470
 Ion Ratio Lower Upper
 240 100
 120 8.3 6.8 10.2
 236 25.7 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

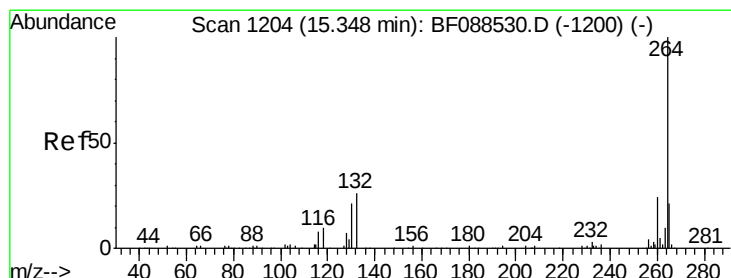
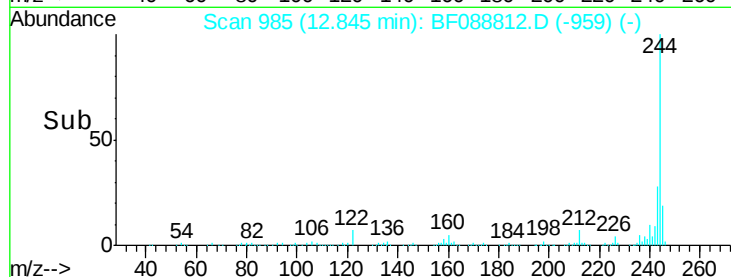
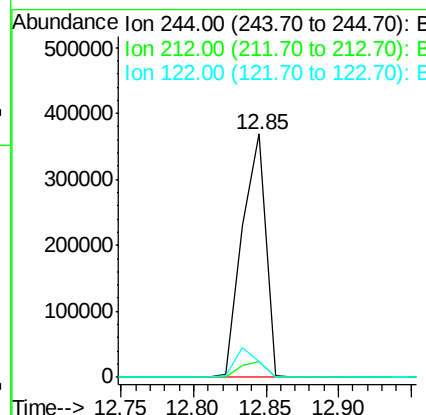
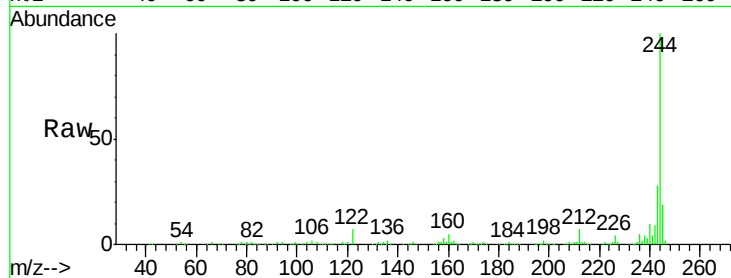




#78
 Terphenyl-d14
 Concen: 50.12 ng
 RT: 12.85 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF088812.D
 Acq: 8 Jul 2016 7:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Tgt Ion:244 Resp: 417309
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 6.6 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF088812.D
 Acq: 8 Jul 2016 7:52

Tgt Ion:264 Resp: 143558
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 16.9 25.3

