

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
 Data File : BF088065.D
 Acq On : 16 Jun 2016 6:24
 Operator : UM/SJ
 Sample : H3570-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Quant Time: Jun 16 07:16:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 03:20:46 2016
 Response via : Initial Calibration

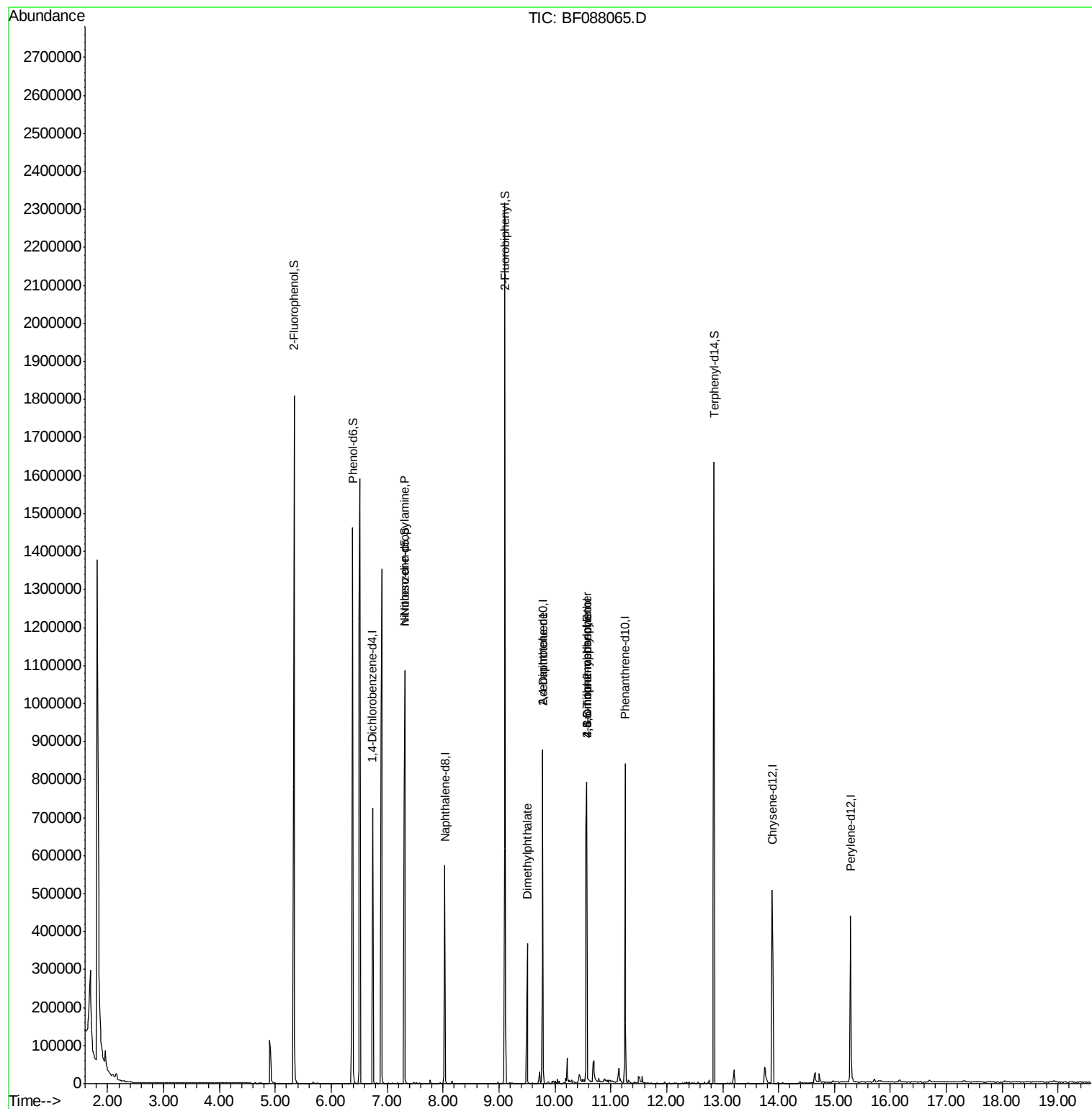
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	108498	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	403923	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	183845	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	288576	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	218533	20.00	ng	-0.01
86) Perylene-d12	15.29	264	219090	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	575285	90.64	ng	0.01
7) Phenol-d6	6.39	99	772882	100.48	ng	0.00
23) Nitrobenzene-d5	7.31	82	462943	66.93	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	139866	72.05	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	724010	60.25	ng	-0.01
78) Terphenyl-d14	12.85	244	506747	52.77	ng	0.00
Target Compounds						
10) Phenol	6.40	94	5334	Below Cal		Qvalue 98
19) n-Nitroso-di-n-propylamine	7.31	70	58684	11.93 ng	#	68
45) 1,1'-Biphenyl	9.11	154	1367	Below Cal	#	1
49) Dimethylphthalate	9.51	163	202027	15.17 ng		99
56) 2,4-Dinitrotoluene	9.78	165	23447	5.98 ng	#	37
57) Fluorene	10.56	166	6803	Below Cal	#	91
64) 4,6-Dinitro-2-methylphenol	10.57	198	208	2.27 ng	#	20
66) 4-Bromophenyl-phenylether	10.57	248	8717	2.82 ng	#	1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
Data File : BF088065.D
Acq On : 16 Jun 2016 6:24
Operator : UM/SJ
Sample : H3570-12
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Quant Time: Jun 16 07:16:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 03:20:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF088065.D

Acq: 16 Jun 2016 6:24

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

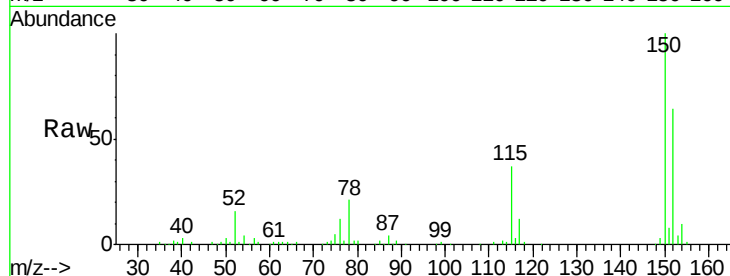
Tgt Ion:152 Resp: 108498

Ion Ratio Lower Upper

152 100

150 155.2 123.8 185.6

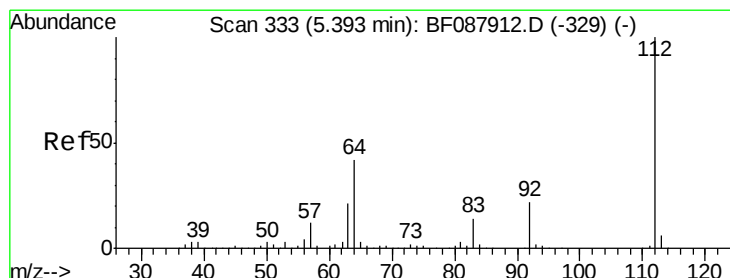
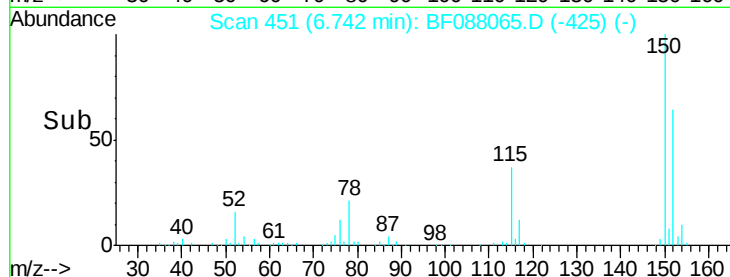
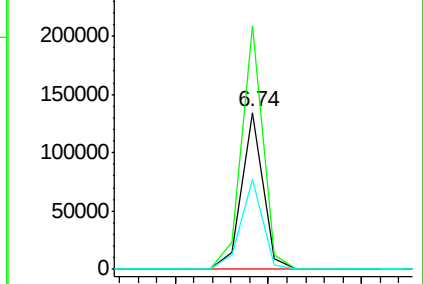
115 57.4 39.6 59.4



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: 90.64 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088065.D

Acq: 16 Jun 2016 6:24

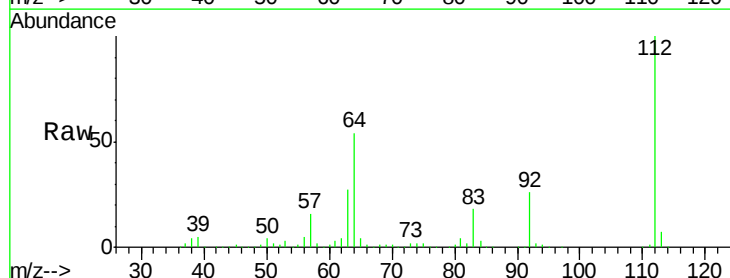
Tgt Ion:112 Resp: 575285

Ion Ratio Lower Upper

112 100

64 53.5 42.2 63.2

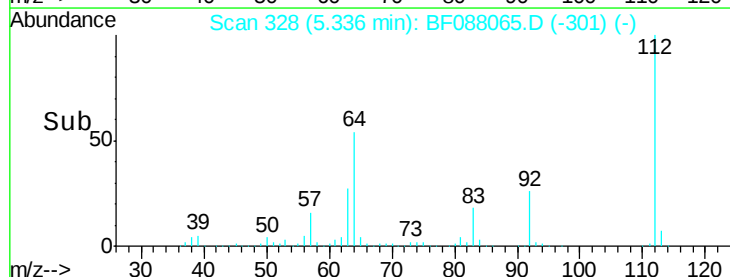
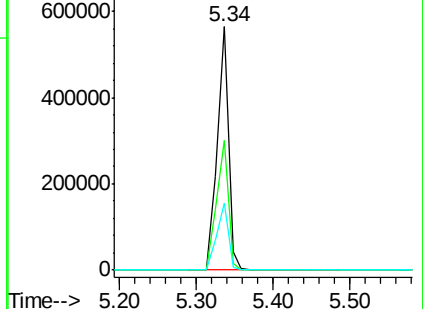
63 27.4 21.8 32.8

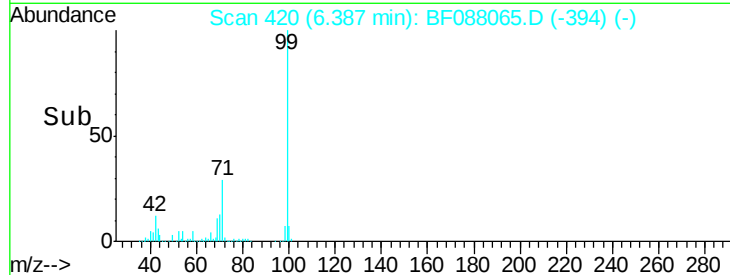
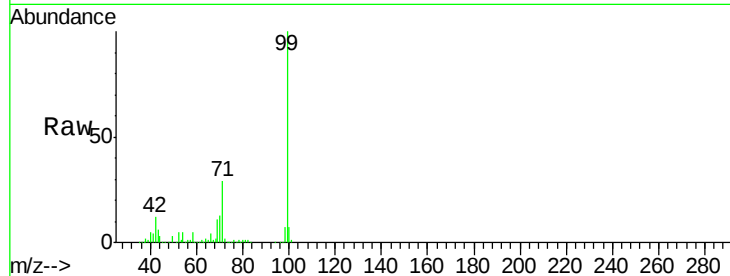


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.48 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

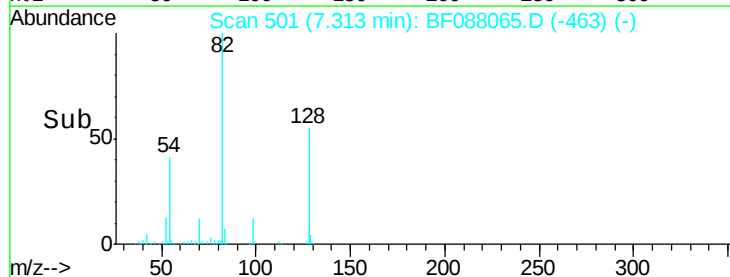
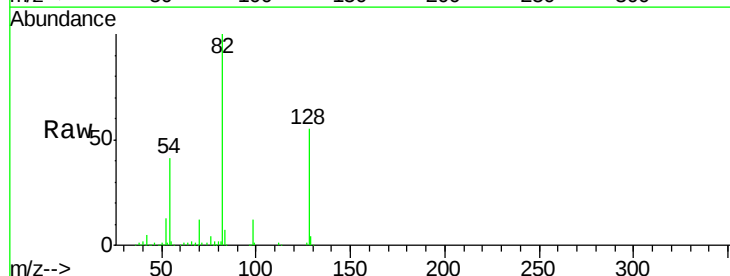
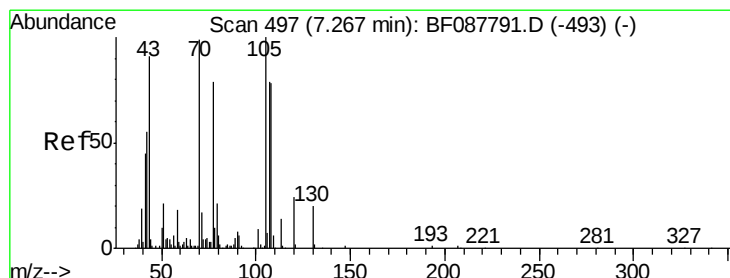
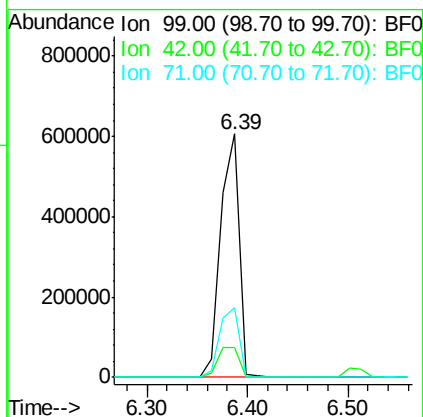
Lab File: BF088065.D

Acq: 16 Jun 2016 6:24

Tgt Ion: 99 Resp: 772882

Ion	Ratio	Lower	Upper
99	100		
42	12.0	12.2	18.2#
71	28.8	23.4	35.0

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP



#19

n-Nitroso-di-n-propylamine

Concen: 11.93 ng

RT: 7.31 min Scan# 501

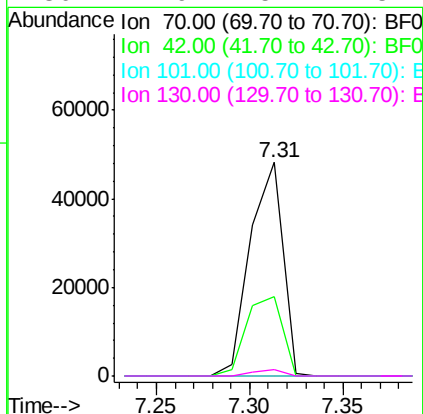
Delta R.T. 0.14 min

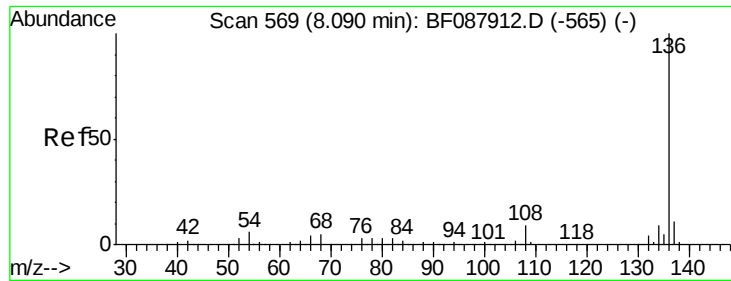
Lab File: BF088065.D

Acq: 16 Jun 2016 6:24

Tgt Ion: 70 Resp: 58684

Ion	Ratio	Lower	Upper
70	100		
42	37.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.9	15.4	23.2#

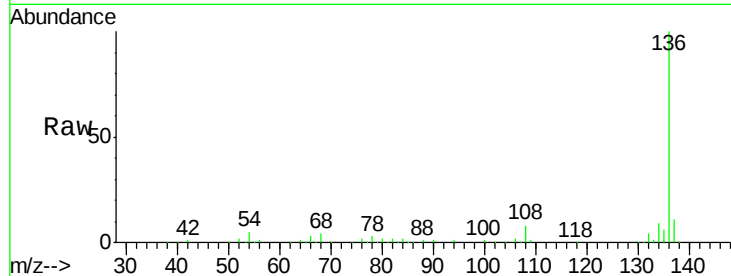




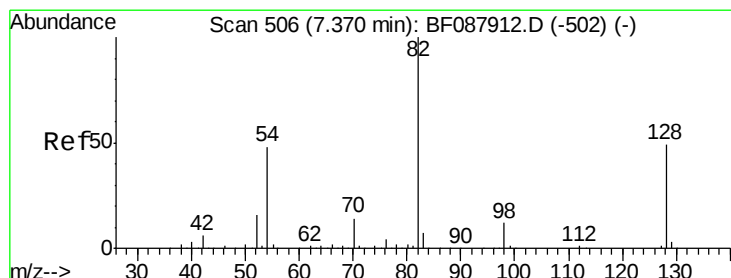
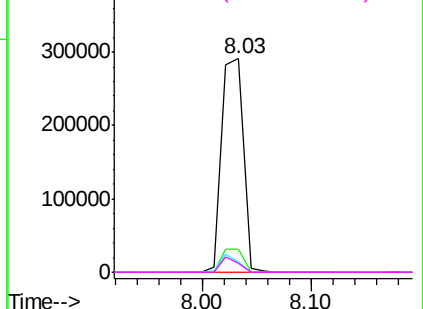
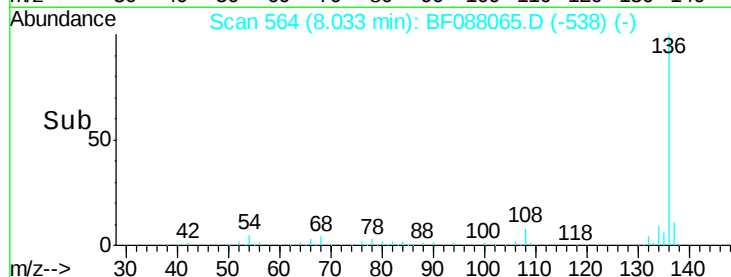
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF088065.D
Acq: 16 Jun 2016 6:24

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tgt Ion: 136 Resp: 403923
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 4.6 6.6 10.0#
68 4.2 5.1 7.7#

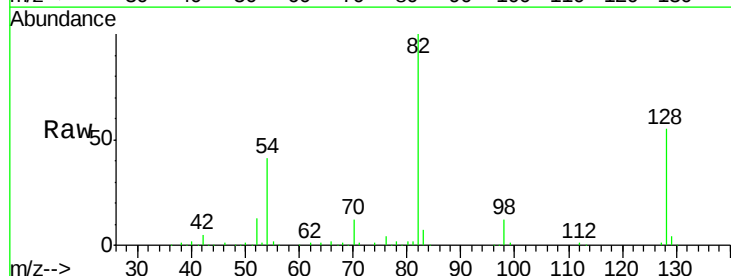


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

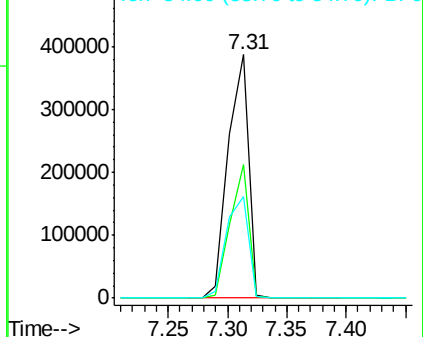
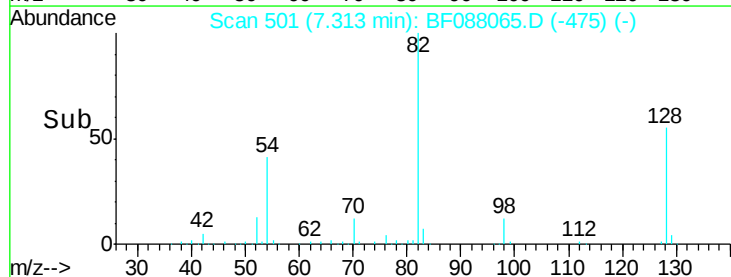


#23
Nitrobenzene-d5
Concen: 66.93 ng
RT: 7.31 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF088065.D
Acq: 16 Jun 2016 6:24

Tgt Ion: 82 Resp: 462943
Ion Ratio Lower Upper
82 100
128 54.9 35.9 53.9#
54 41.5 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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF088065.D

Acq: 16 Jun 2016 6:24

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

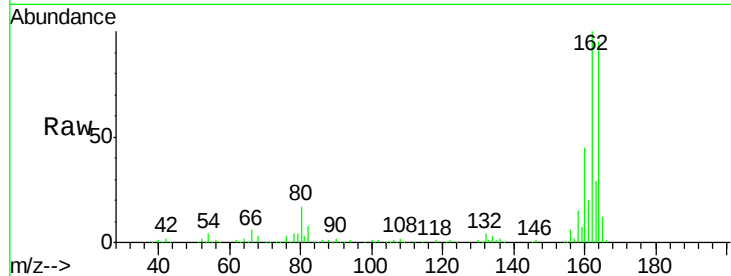
Tgt Ion:164 Resp: 183845

Ion Ratio Lower Upper

164 100

162 105.3 85.4 128.2

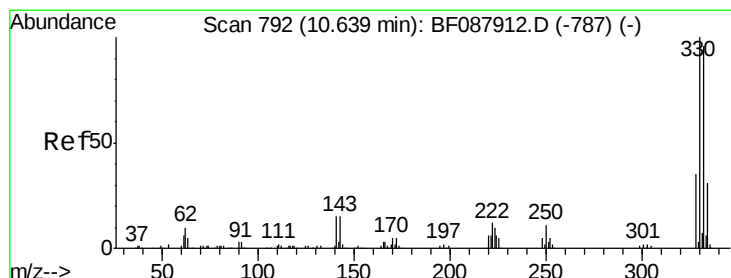
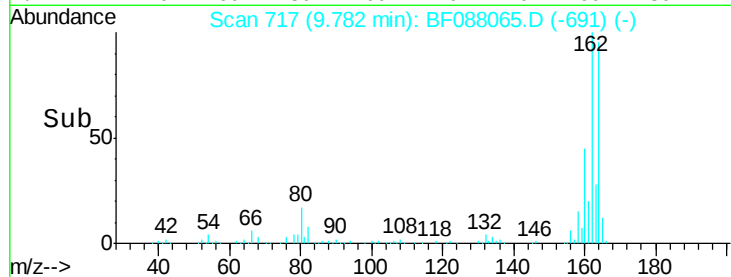
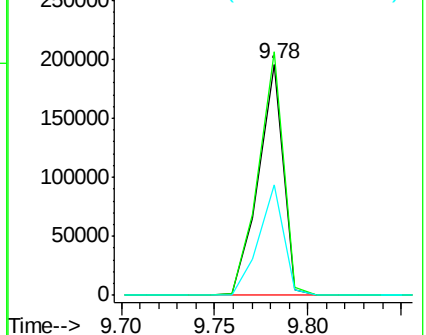
160 47.6 39.5 59.3



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: 72.05 ng

RT: 10.57 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF088065.D

Acq: 16 Jun 2016 6:24

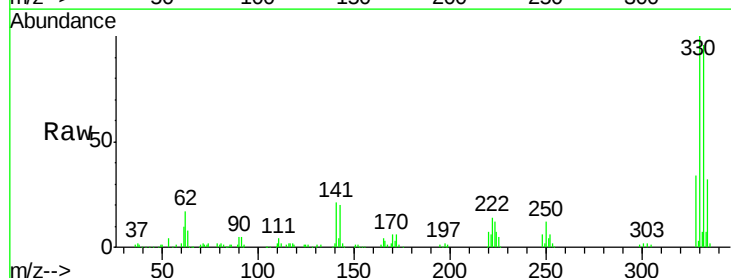
Tgt Ion:330 Resp: 139866

Ion Ratio Lower Upper

330 100

332 95.3 0.0 0.0#

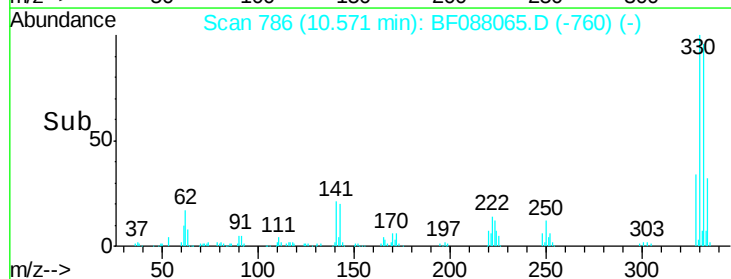
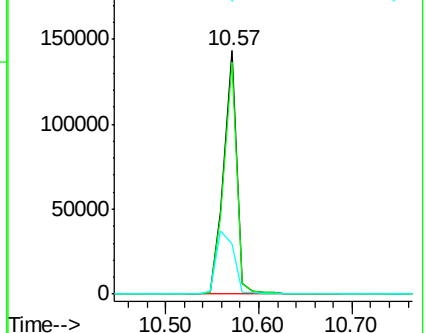
141 35.0 0.0 0.0#

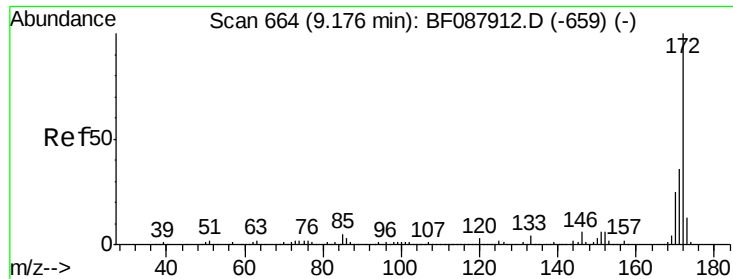


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 60.25 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF088065.D

Acq: 16 Jun 2016 6:24

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

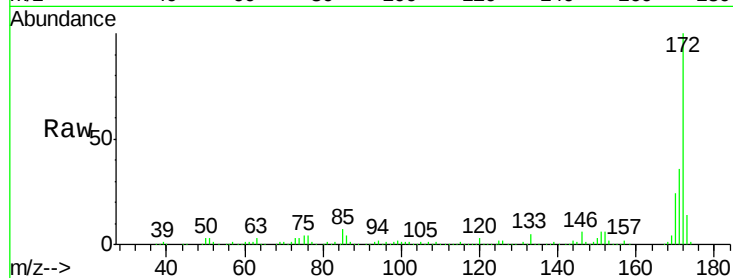
Tgt Ion:172 Resp: 724010

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

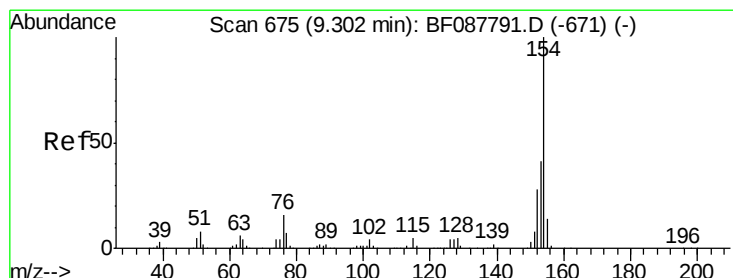
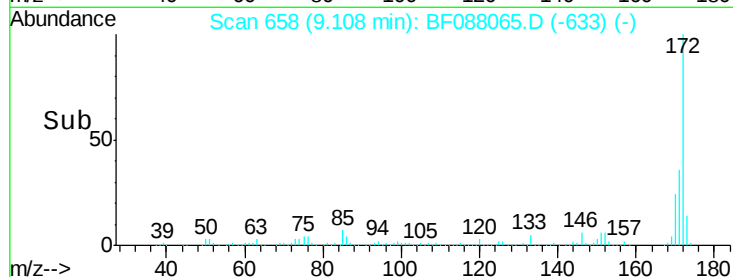
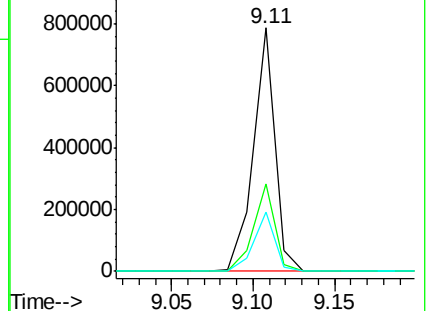
170 24.1 19.2 28.8



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



#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.11 min Scan# 658

Delta R.T. -0.10 min

Lab File: BF088065.D

Acq: 16 Jun 2016 6:24

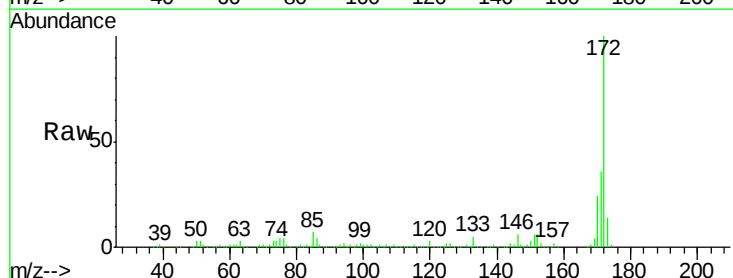
Tgt Ion:154 Resp: 1367

Ion Ratio Lower Upper

154 100

153 943.7 20.6 60.6#

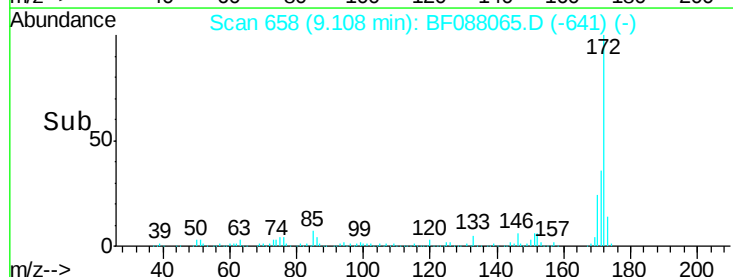
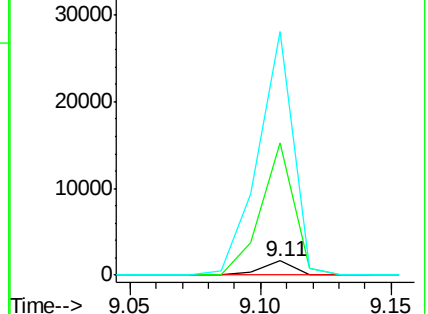
76 1736.5 0.0 35.1#

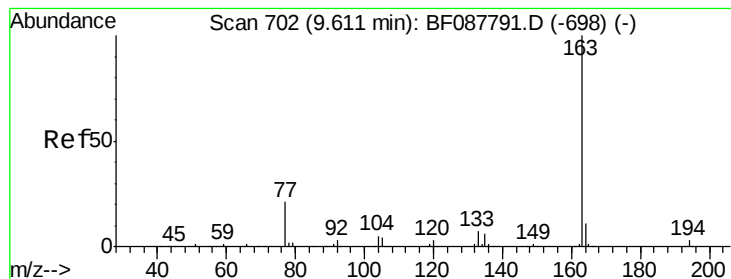


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#49

Dimethylphthalate

Concen: 15.17 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF088065.D

Acq: 16 Jun 2016 6:24

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

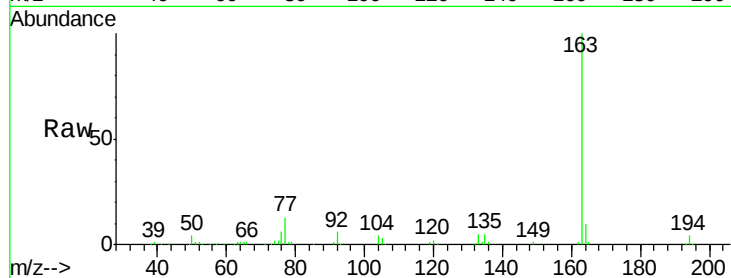
Tgt Ion:163 Resp: 202027

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

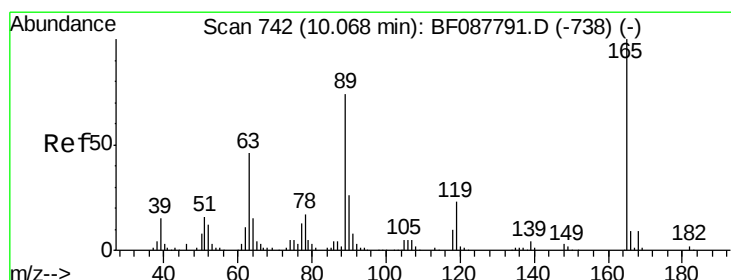
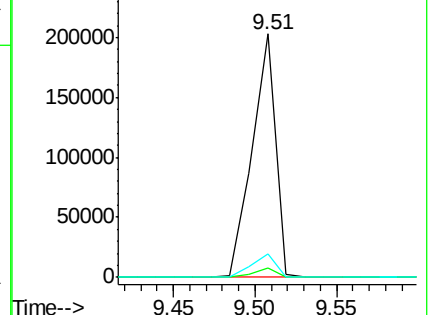
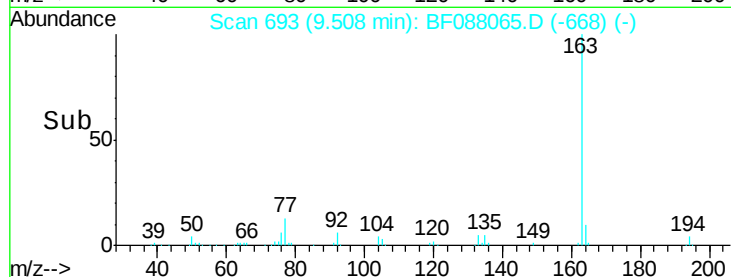
164 9.8 8.3 12.5



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: 5.98 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.21 min

Lab File: BF088065.D

Acq: 16 Jun 2016 6:24

Tgt Ion:165 Resp: 23447

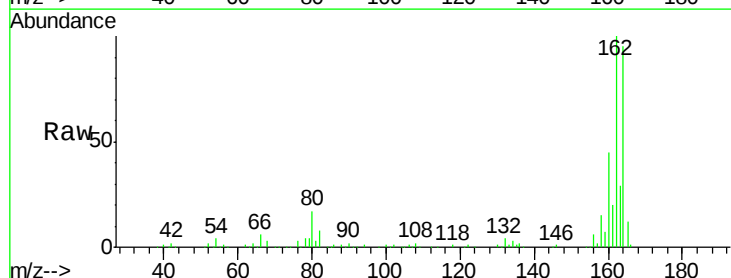
Ion Ratio Lower Upper

165 100

63 1.3 22.0 33.0#

89 1.3 41.1 61.7#

182 0.0 2.0 3.0#

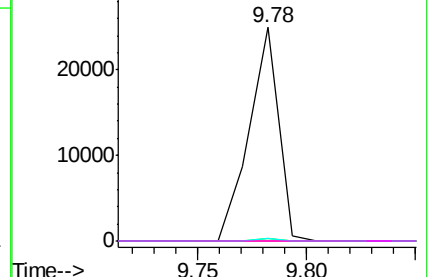
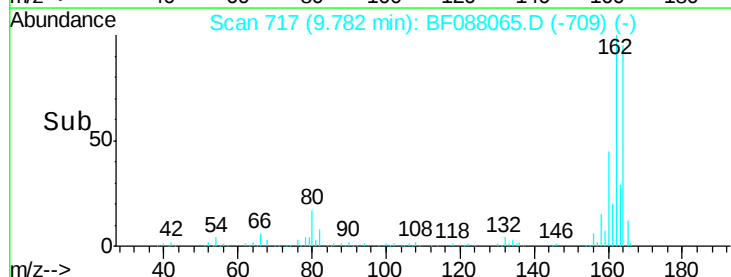


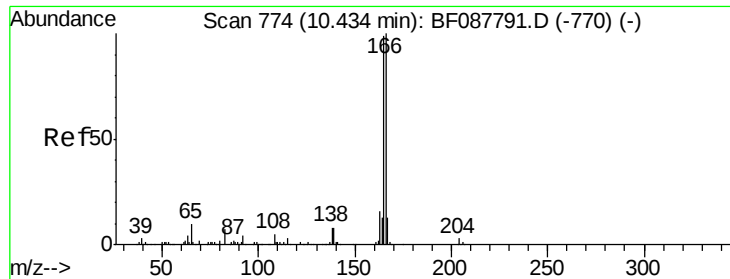
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: Below Cal

RT: 10.56 min Scan# 785

Delta R.T. 0.23 min

Lab File: BF088065.D

Acq: 16 Jun 2016 6:24

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

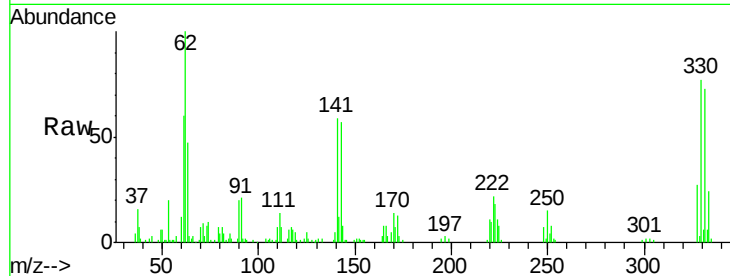
Tgt Ion:166 Resp: 6803

Ion Ratio Lower Upper

166 100

165 101.1 77.8 116.8

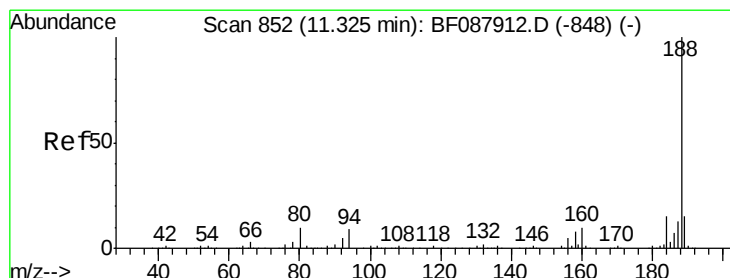
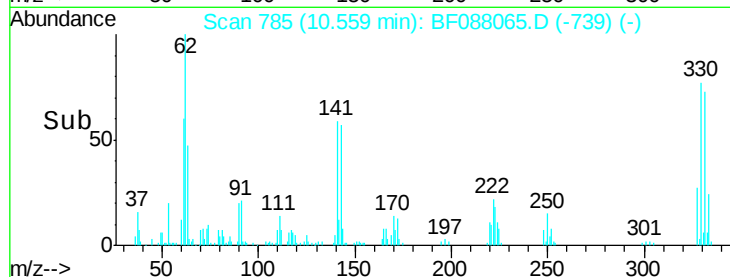
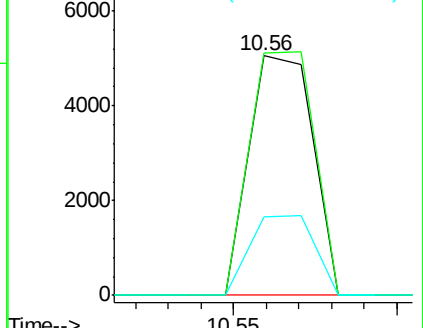
167 32.9 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF088065.D

Acq: 16 Jun 2016 6:24

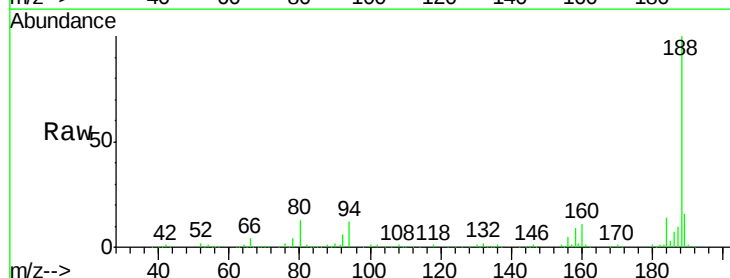
Tgt Ion:188 Resp: 288576

Ion Ratio Lower Upper

188 100

94 11.8 9.0 13.6

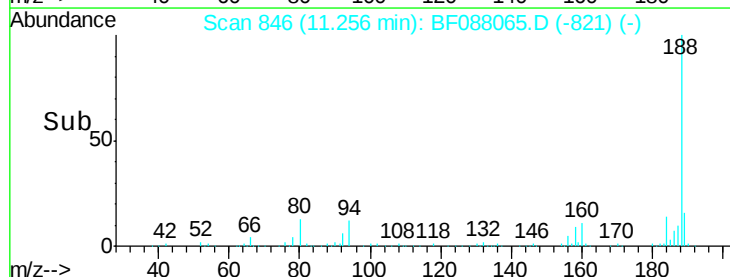
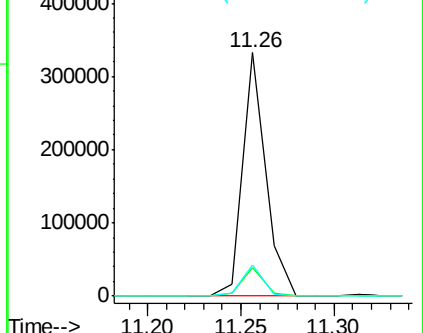
80 12.6 10.0 15.0

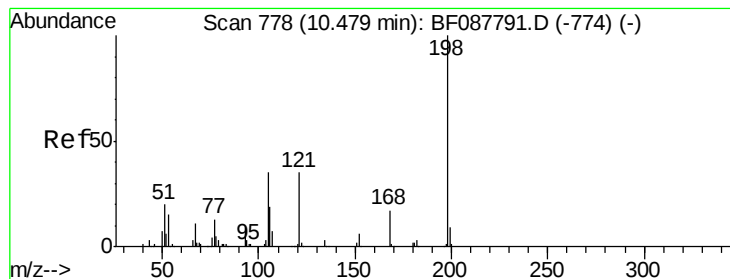


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.27 ng

RT: 10.57 min Scan# 786

Delta R.T. 0.18 min

Lab File: BF088065.D

Acq: 16 Jun 2016 6:24

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

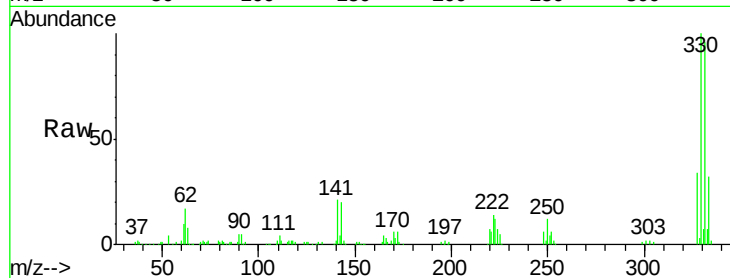
Tgt Ion:198 Resp: 208

Ion Ratio Lower Upper

198 100

51 0.0 39.6 79.6#

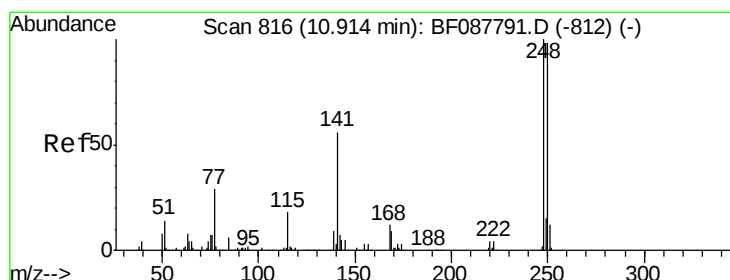
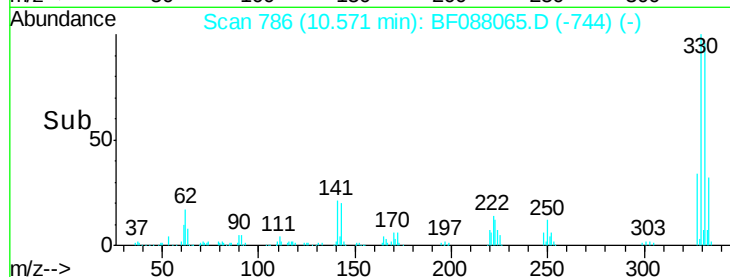
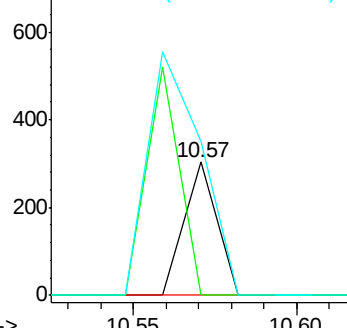
105 115.5 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.82 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.24 min

Lab File: BF088065.D

Acq: 16 Jun 2016 6:24

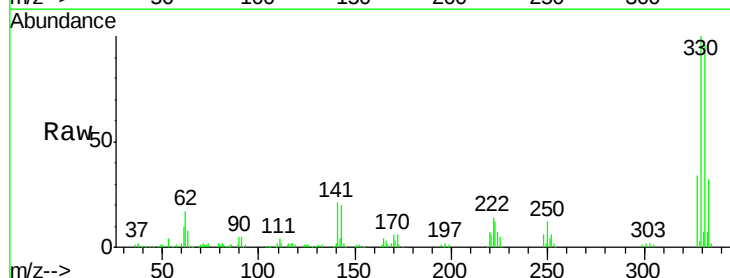
Tgt Ion:248 Resp: 8717

Ion Ratio Lower Upper

248 100

250 207.7 77.1 115.7#

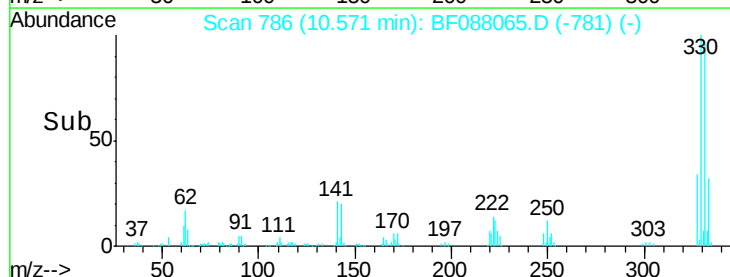
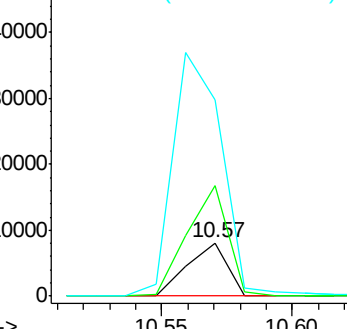
141 368.2 50.6 76.0#

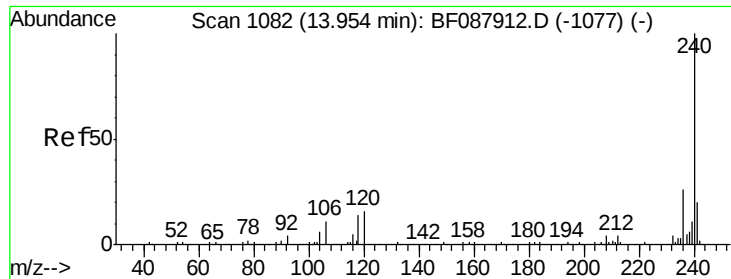


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

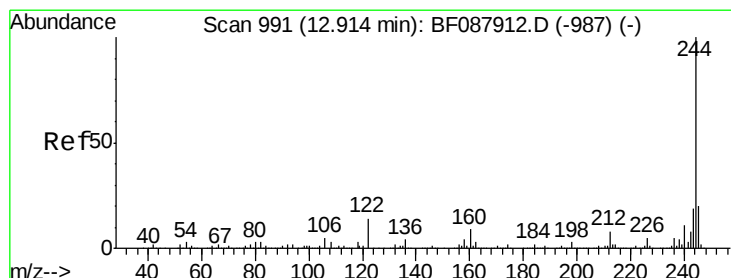
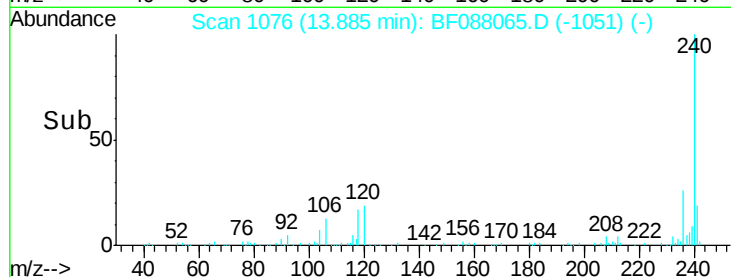
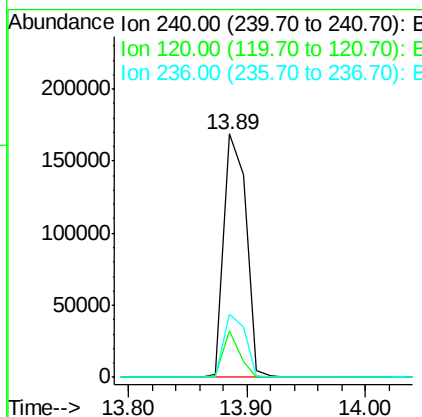
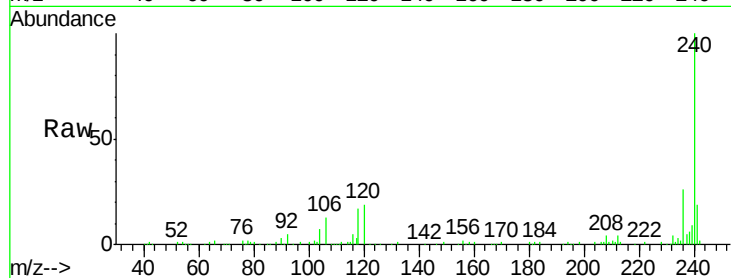




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BF088065.D
Acq: 16 Jun 2016 6:24

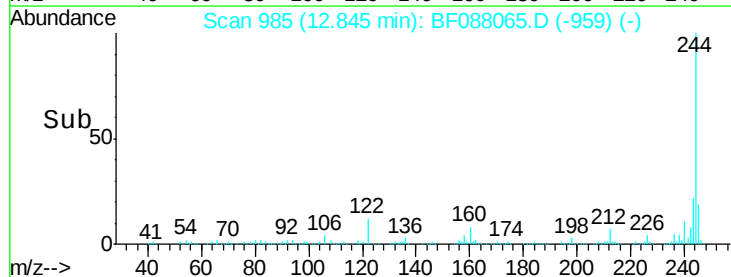
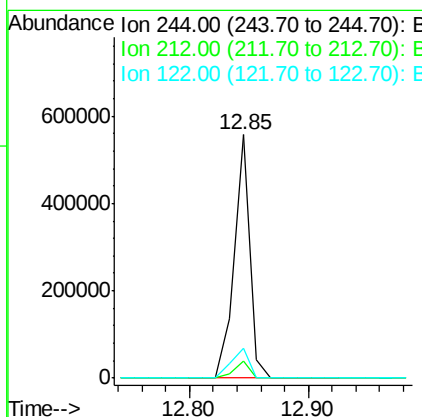
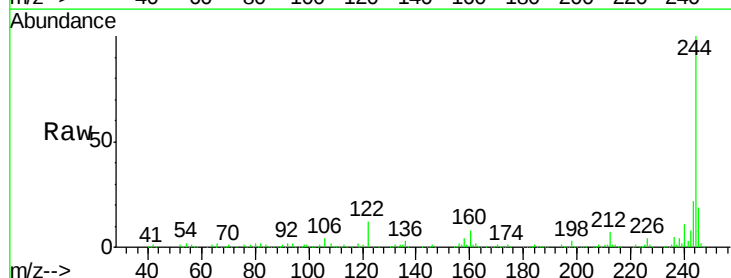
Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

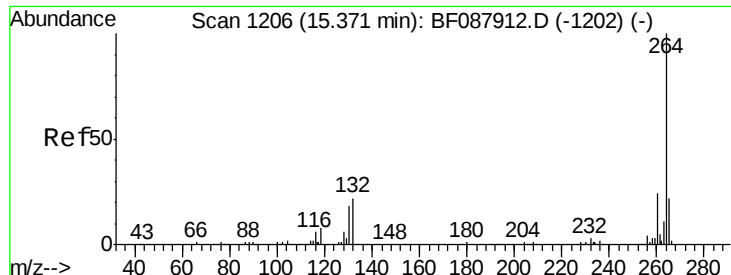
Tgt Ion:240 Resp: 218533
Ion Ratio Lower Upper
240 100
120 18.9 6.8 10.2#
236 25.9 20.2 30.2



#78
Terphenyl-d14
Concen: 52.77 ng
RT: 12.85 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF088065.D
Acq: 16 Jun 2016 6:24

Tgt Ion:244 Resp: 506747
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 12.5 11.2 16.8

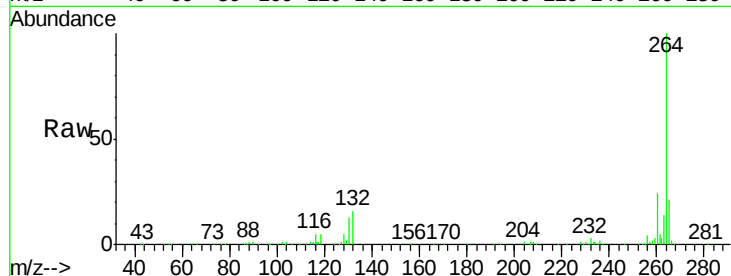




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF088065.D
Acq: 16 Jun 2016 6:24

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tgt Ion: 264 Resp: 219090
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.1 16.9 25.3



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

