

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
 Data File : BF088068.D
 Acq On : 16 Jun 2016 7:52
 Operator : UM/SJ
 Sample : H3570-13
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 16 11:35:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

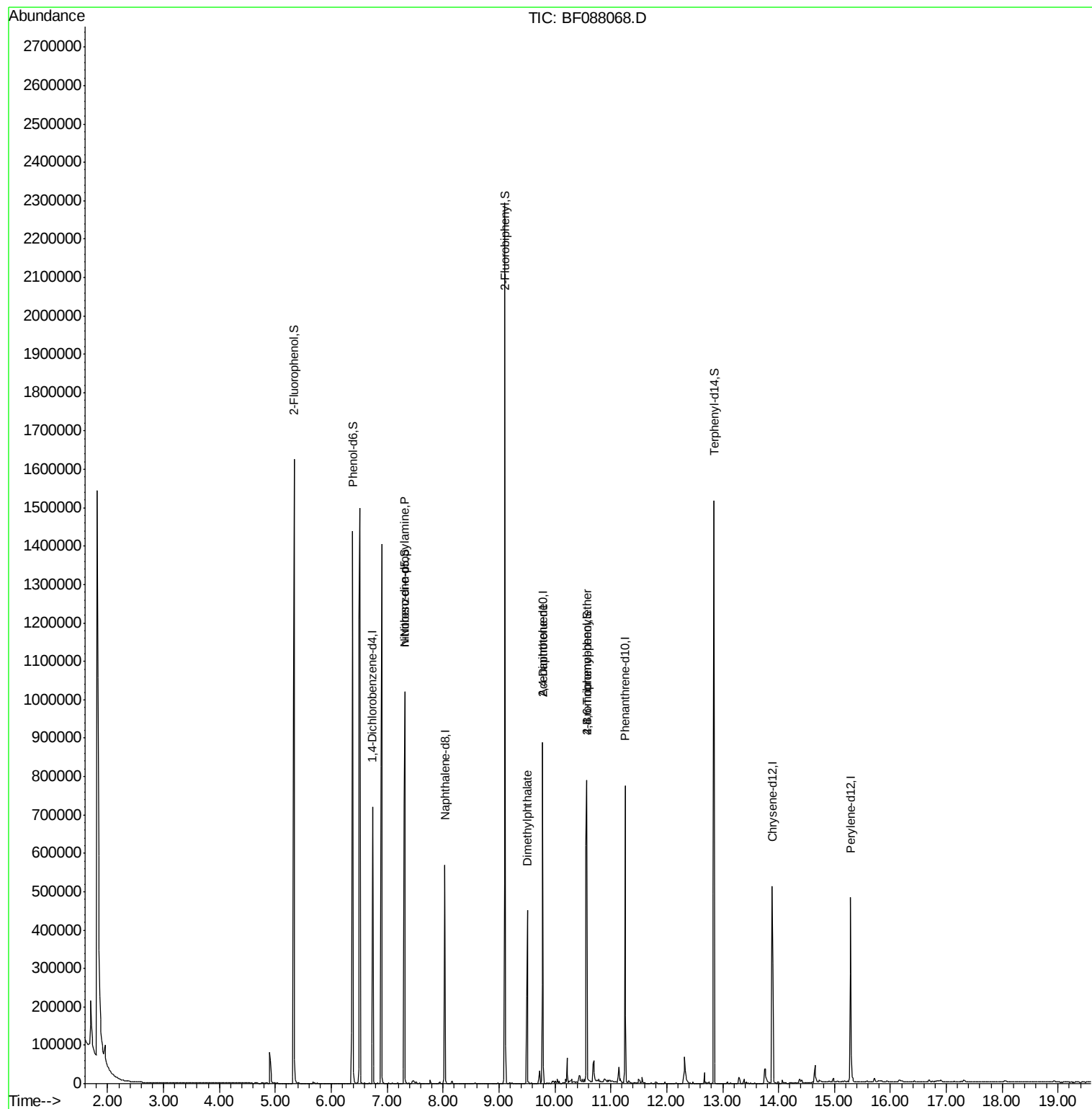
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	106622	20.00	ng	-0.05
21) Naphthalene-d8	8.03	136	394627	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	179317	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	272782	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	208454	20.00	ng	-0.07
86) Perylene-d12	15.29	264	218970	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	588429	94.35	ng	-0.05
7) Phenol-d6	6.39	99	759579	100.49	ng	-0.05
23) Nitrobenzene-d5	7.31	82	441983	65.40	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	136375	72.03	ng	-0.06
44) 2-Fluorobiphenyl	9.11	172	684174	58.19	ng	-0.06
78) Terphenyl-d14	12.85	244	475532	51.91	ng	-0.06
Target Compounds						
10) Phenol	6.40	94	5500	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	7.31	70	54820	11.34 ng	#	68
45) 1,1'-Biphenyl	9.11	154	1300	Below Cal	#	1
49) Dimethylphthalate	9.51	163	235770	18.15 ng		98
56) 2,4-Dinitrotoluene	9.78	165	22552	5.90 ng	#	37
57) Fluorene	10.57	166	6639	Below Cal	#	92
66) 4-Bromophenyl-phenylether	10.57	248	8535	2.92 ng	#	1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
Data File : BF088068.D
Acq On : 16 Jun 2016 7:52
Operator : UM/SJ
Sample : H3570-13
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 16 11:35:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration



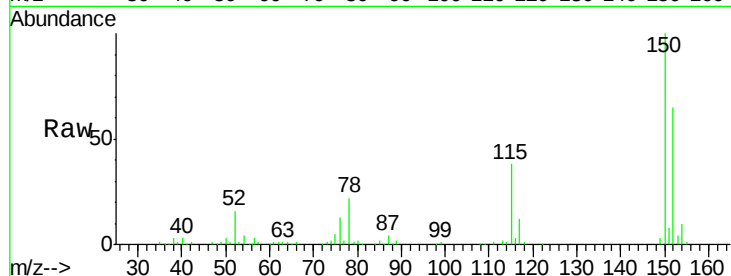


#1

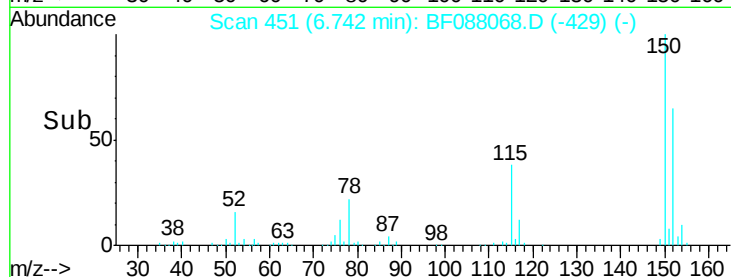
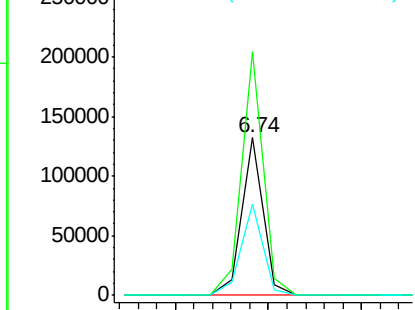
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF088068.D
Acq: 16 Jun 2016 7:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 106622
Ion Ratio Lower Upper
152 100
150 154.4 123.8 185.6
115 58.0 39.6 59.4



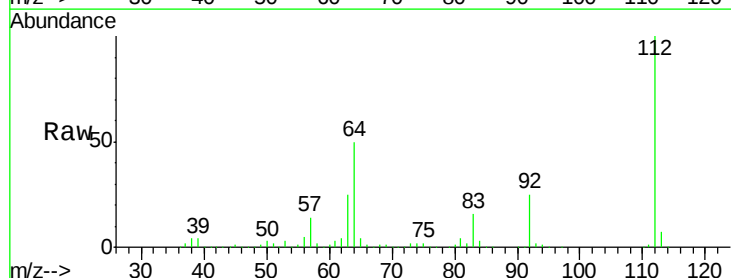
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



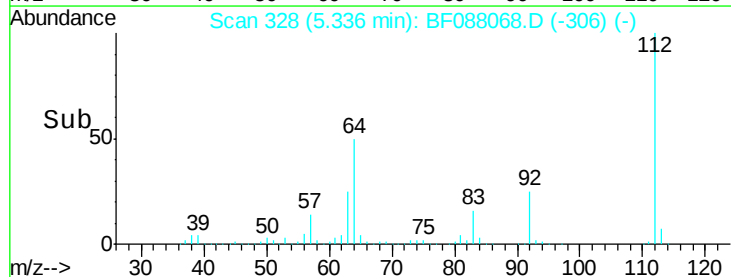
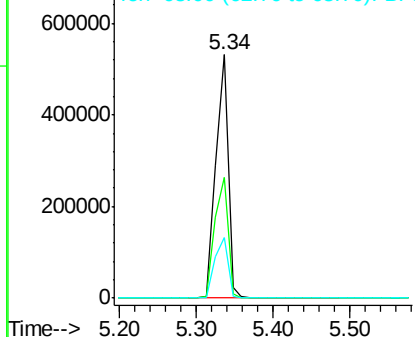
#5

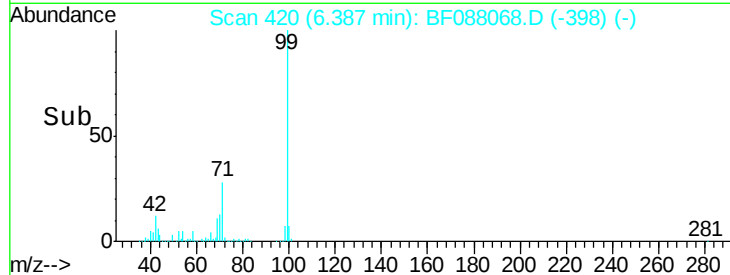
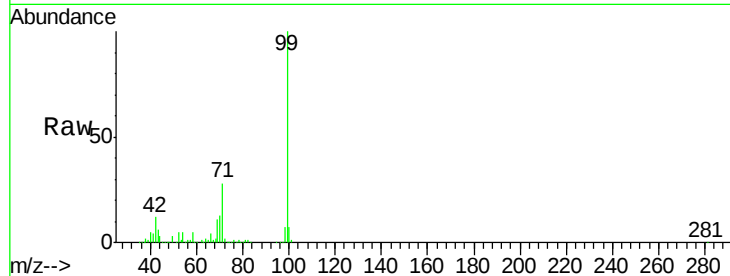
2-Fluorophenol
Concen: 94.35 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.05 min
Lab File: BF088068.D
Acq: 16 Jun 2016 7:52

Tgt Ion:112 Resp: 588429
Ion Ratio Lower Upper
112 100
64 49.8 42.2 63.2
63 25.1 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: 100.49 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.05 min

Lab File: BF088068.D

Acq: 16 Jun 2016 7:52

Instrument :

BNA_F

ClientSampleId :

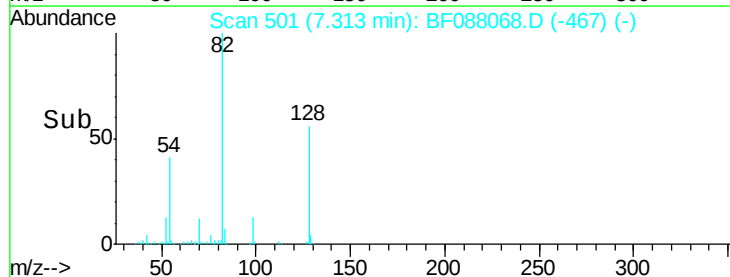
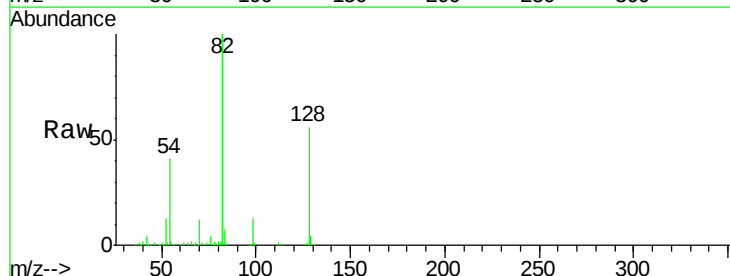
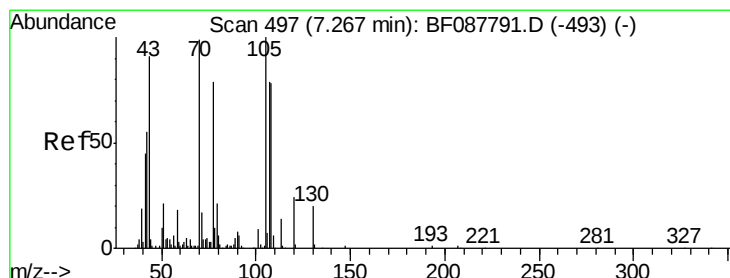
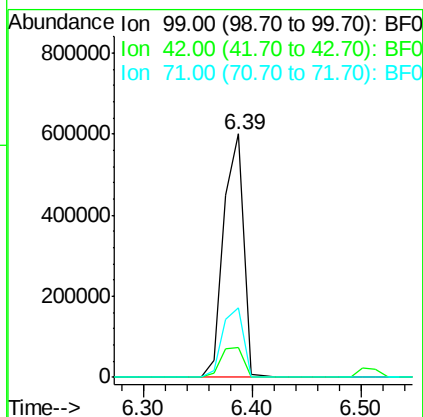
Tot Ion: 99 Resp: 759579

Ion Ratio Lower Upper

99 100

42 12.0 12.2 18.2#

71 28.5 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.34 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.09 min

Lab File: BF088068.D

Acq: 16 Jun 2016 7:52

Tgt Ion: 70 Resp: 54820

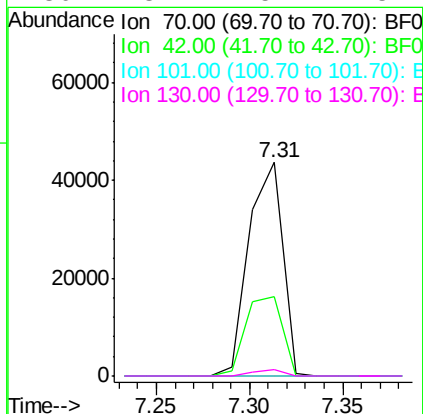
Ion Ratio Lower Upper

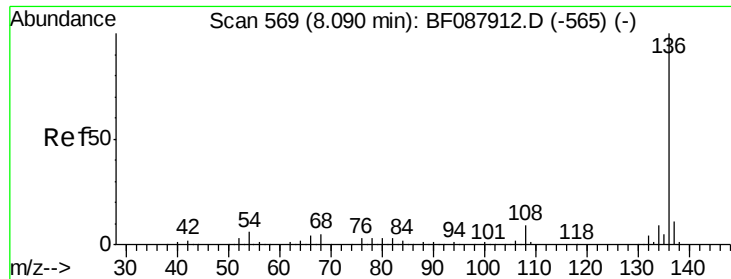
70 100

42 37.2 49.6 74.4#

101 0.0 7.1 10.7#

130 3.1 15.4 23.2#

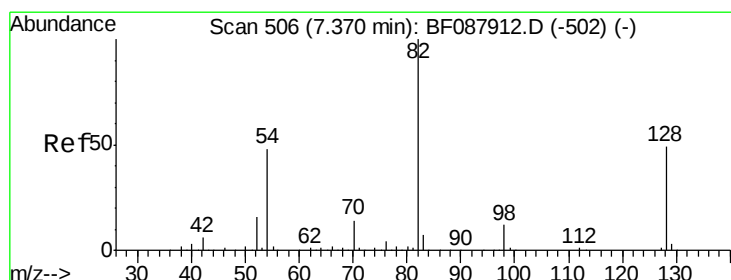
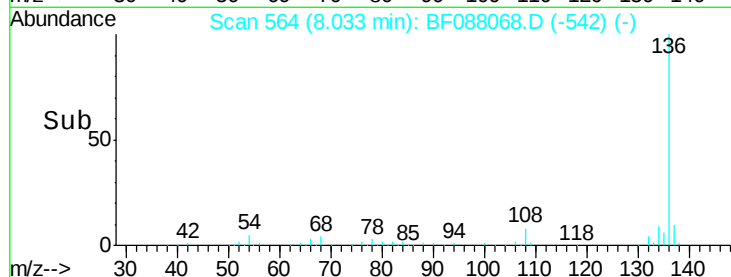
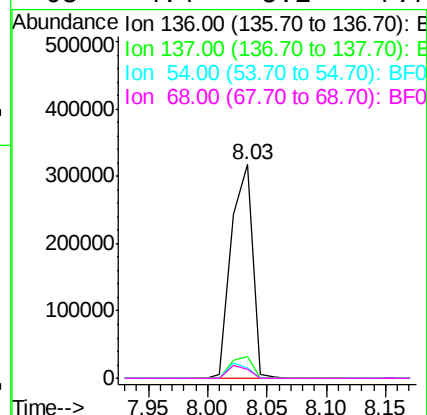
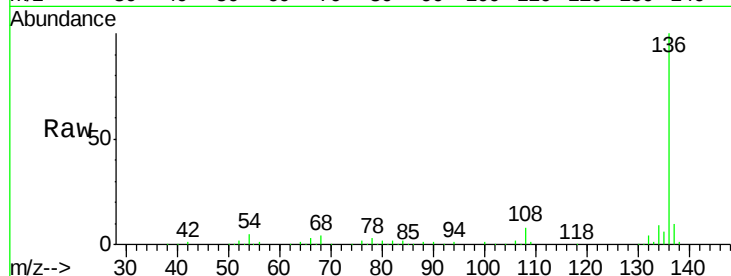




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.05 min
Lab File: BF088068.D
Acq: 16 Jun 2016 7:52

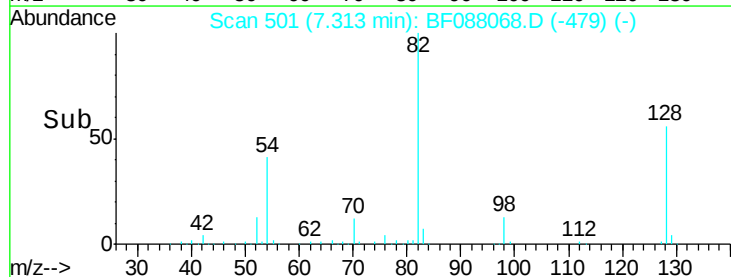
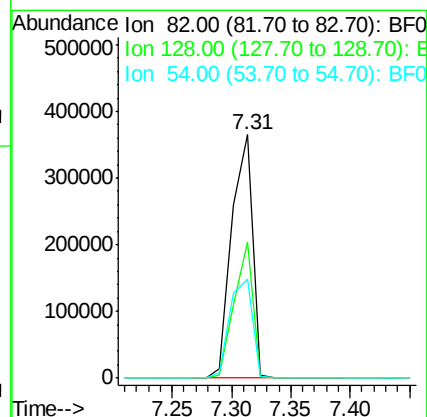
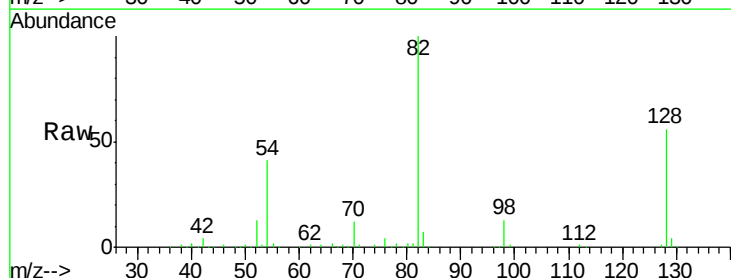
Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	394627
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	4.9	6.6	10.0#
68	4.4	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 65.40 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF088068.D
Acq: 16 Jun 2016 7:52

Tgt Ion:	82	Resp:	441983
Ion	Ratio	Lower	Upper
82	100		
128	55.9	35.9	53.9#
54	40.5	40.9	61.3#

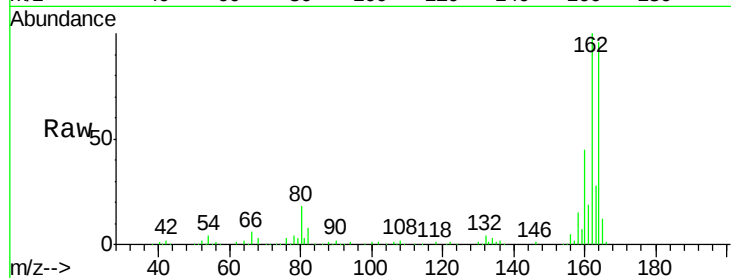




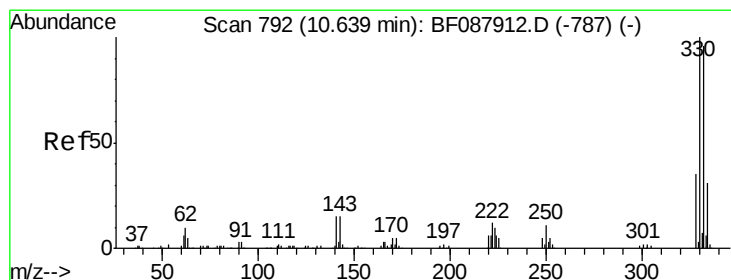
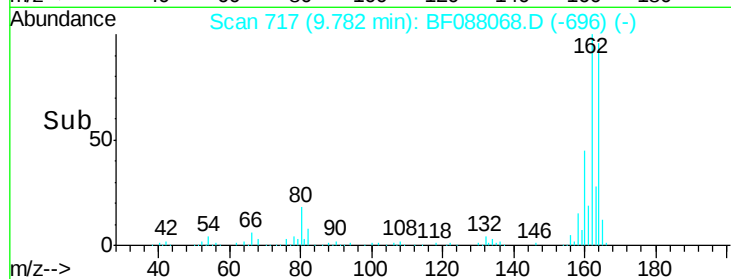
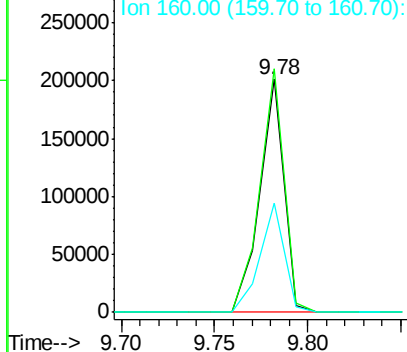
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.06 min
Lab File: BF088068.D
Acq: 16 Jun 2016 7:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 179317
Ion Ratio Lower Upper
164 100
162 104.4 85.4 128.2
160 47.1 39.5 59.3

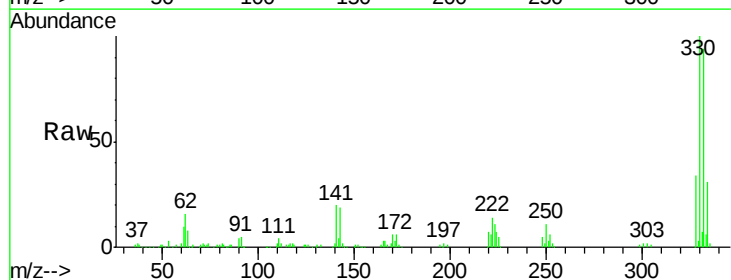


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

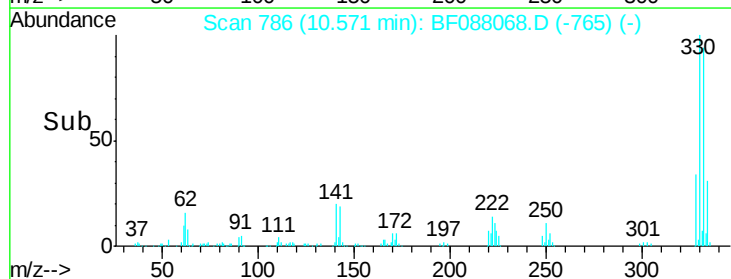
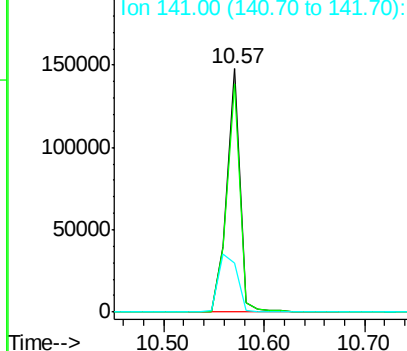


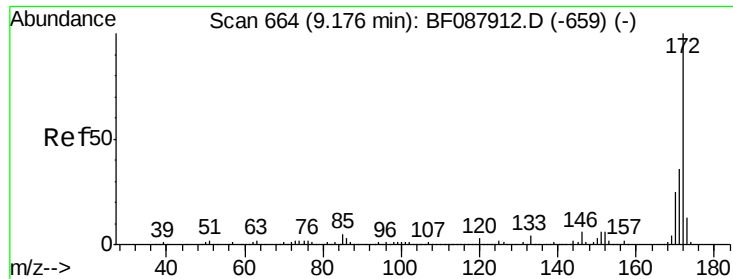
#41
2,4,6-Tribromophenol
Concen: 72.03 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.06 min
Lab File: BF088068.D
Acq: 16 Jun 2016 7:52

Tgt Ion:330 Resp: 136375
Ion Ratio Lower Upper
330 100
332 95.0 0.0 0.0#
141 34.4 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

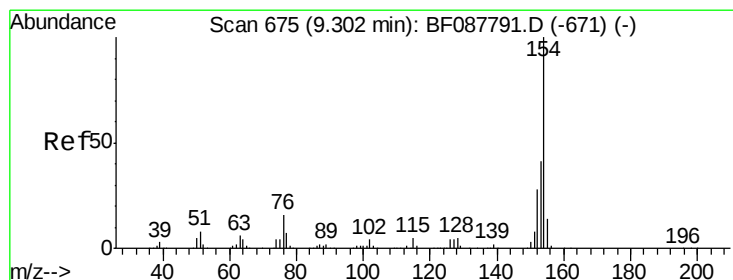
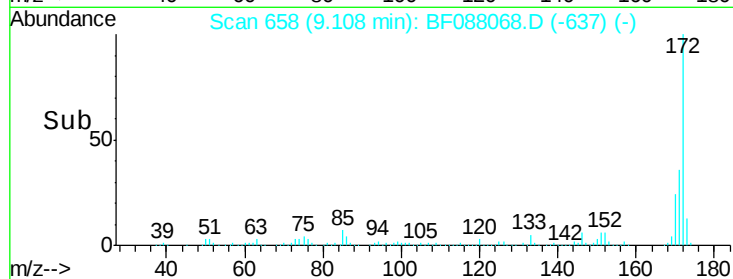
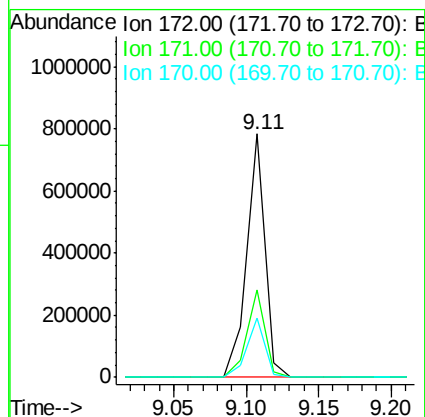
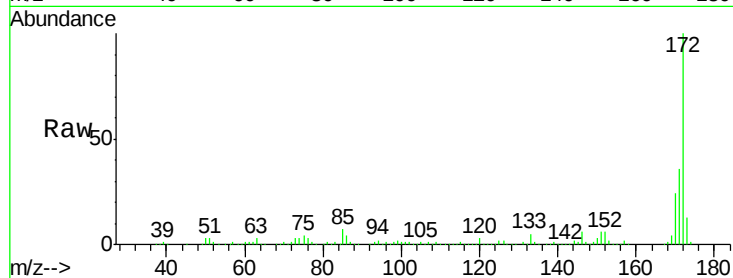




#44
2-Fluorobiphenyl
Concen: 58.19 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.06 min
Lab File: BF088068.D
Acq: 16 Jun 2016 7:52

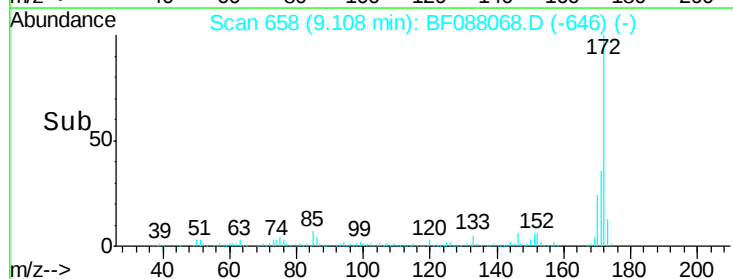
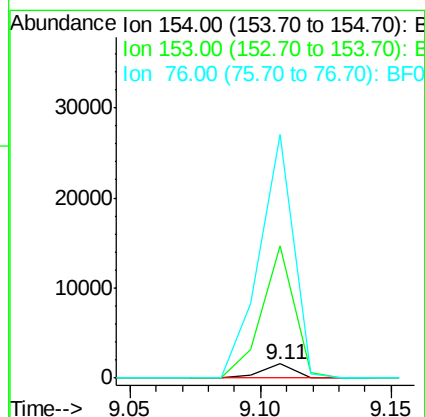
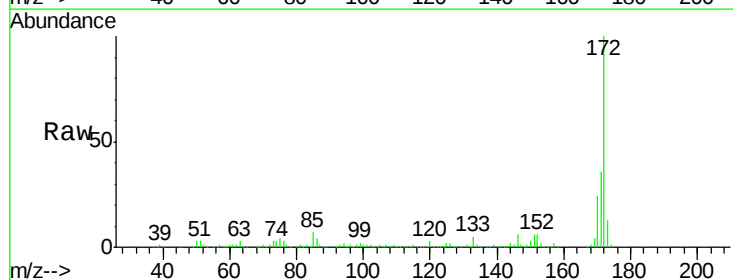
Instrument :
BNA_F
ClientSampleId :

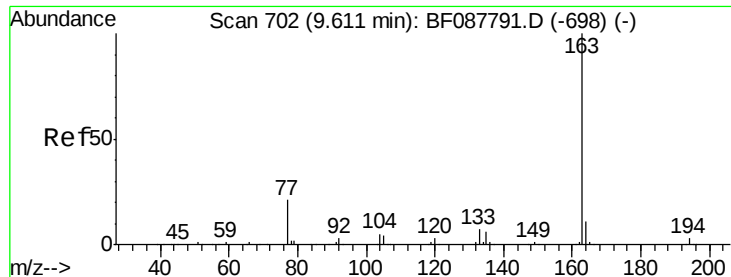
Tot Ion:172 Resp: 684174
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.4 19.2 28.8



#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.11 min Scan# 658
Delta R.T. -0.16 min
Lab File: BF088068.D
Acq: 16 Jun 2016 7:52

Tgt Ion:154 Resp: 1300
Ion Ratio Lower Upper
154 100
153 923.2 20.6 60.6#
76 1695.4 0.0 35.1#





#49

Dimethylphthalate

Concen: 18.15 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.06 min

Lab File: BF088068.D

Acq: 16 Jun 2016 7:52

Instrument :

BNA_F

ClientSampleId :

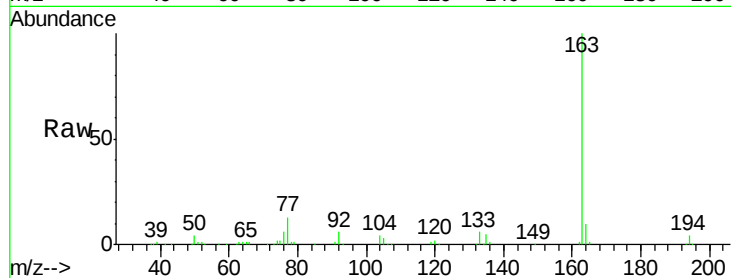
Tot Ion:163 Resp: 235770

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

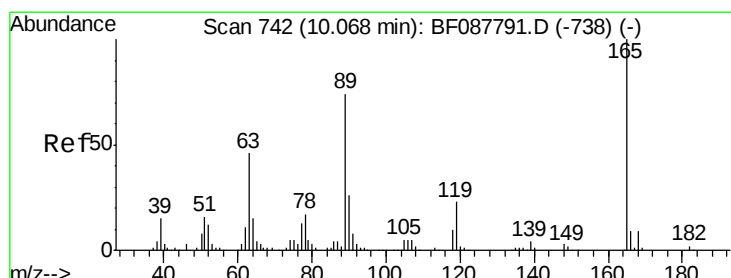
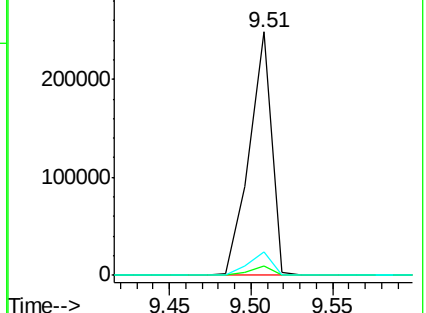
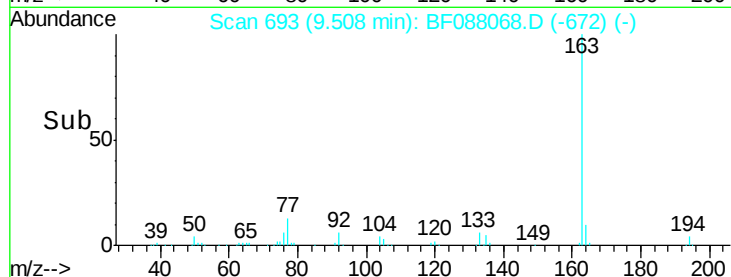
164 9.7 8.3 12.5



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: 5.90 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.25 min

Lab File: BF088068.D

Acq: 16 Jun 2016 7:52

Tgt Ion:165 Resp: 22552

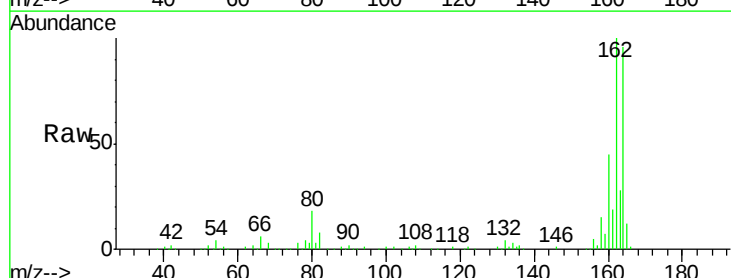
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 1.5 41.1 61.7#

182 0.0 2.0 3.0#

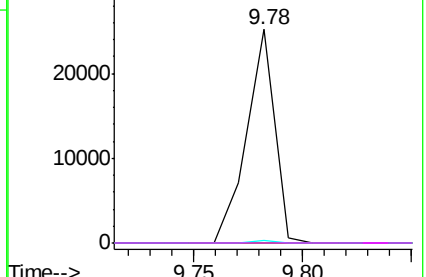
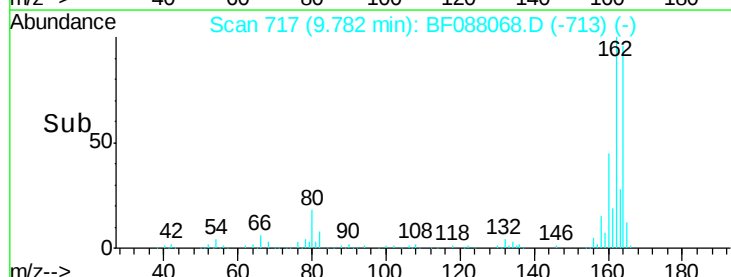


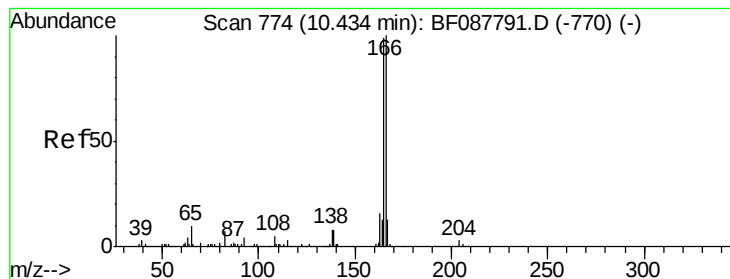
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.57 min Scan# 786

Delta R.T. 0.18 min

Lab File: BF088068.D

Acq: 16 Jun 2016 7:52

Instrument :

BNA_F

ClientSampleId :

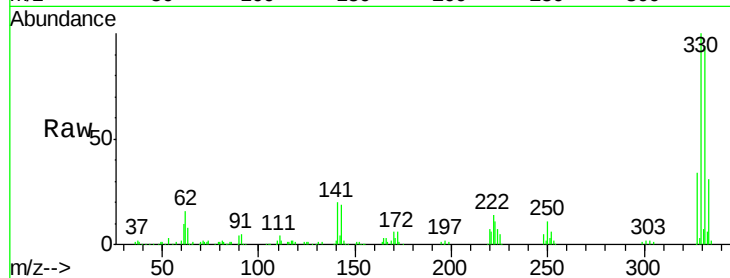
Tot Ion:166 Resp: 6639

Ion Ratio Lower Upper

166 100

165 95.7 77.8 116.8

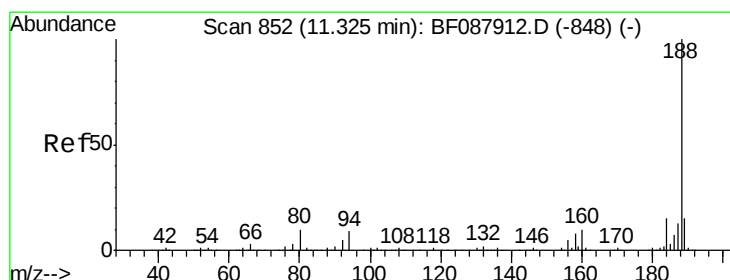
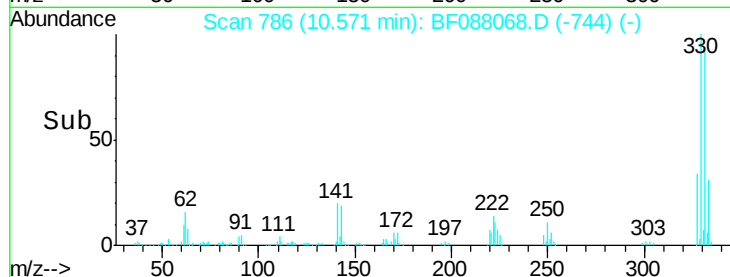
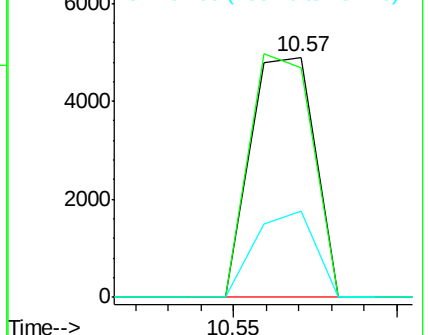
167 35.7 11.2 16.8#



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. -0.06 min

Lab File: BF088068.D

Acq: 16 Jun 2016 7:52

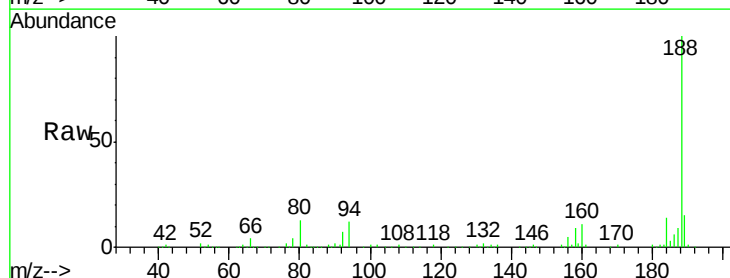
Tgt Ion:188 Resp: 272782

Ion Ratio Lower Upper

188 100

94 12.1 9.0 13.6

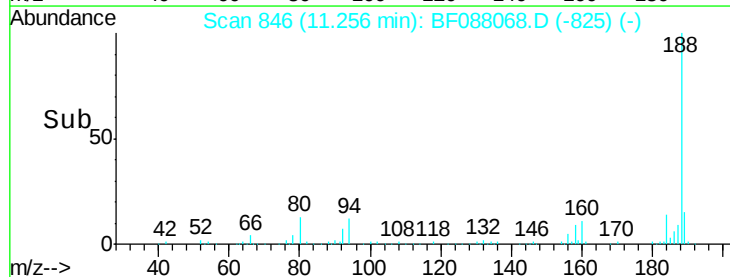
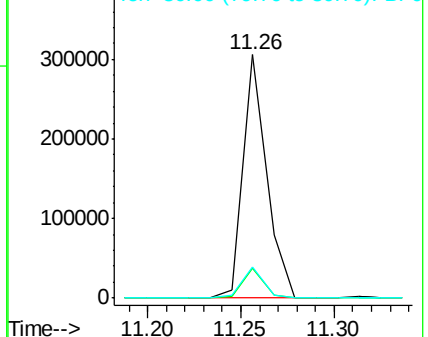
80 12.8 10.0 15.0

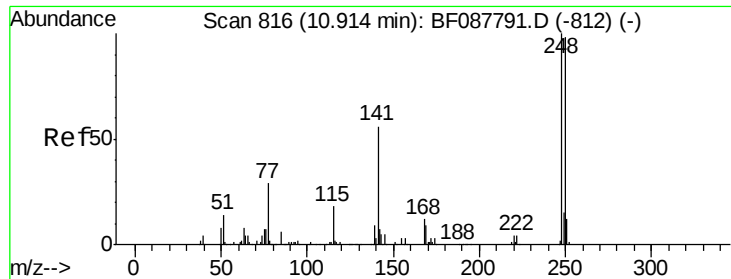


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

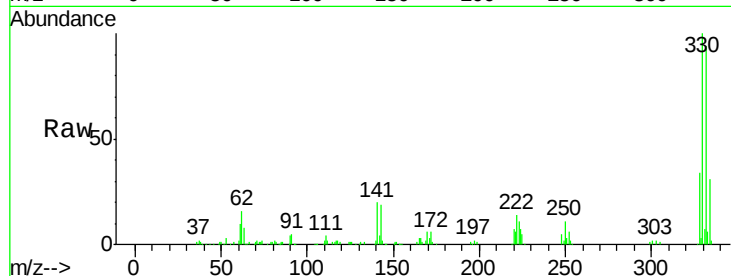




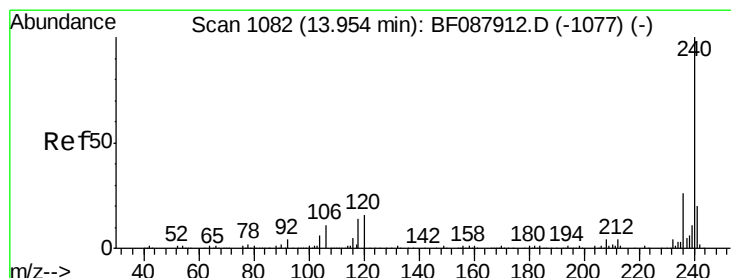
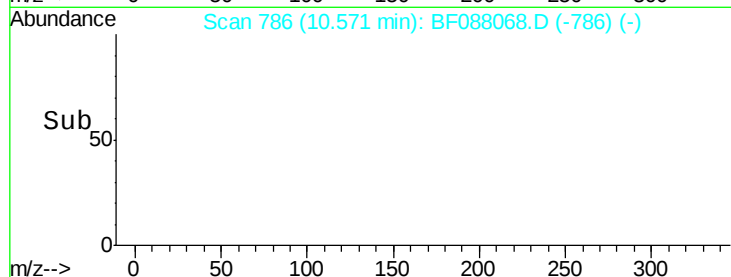
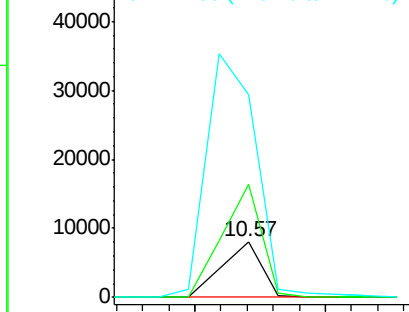
#66
4-Bromophenyl-phenylether
Concen: 2.92 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.30 min
Lab File: BF088068.D
Acq: 16 Jun 2016 7:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8535
Ion Ratio Lower Upper
248 100
250 204.2 77.1 115.7#
141 365.2 50.6 76.0#

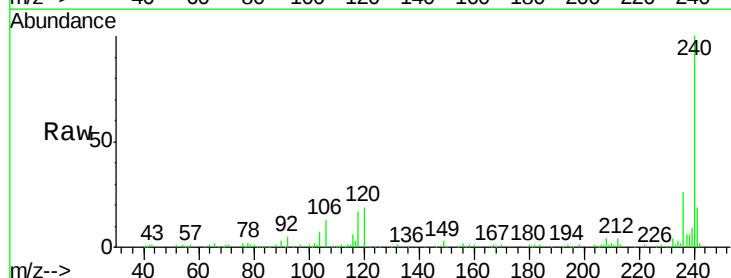


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

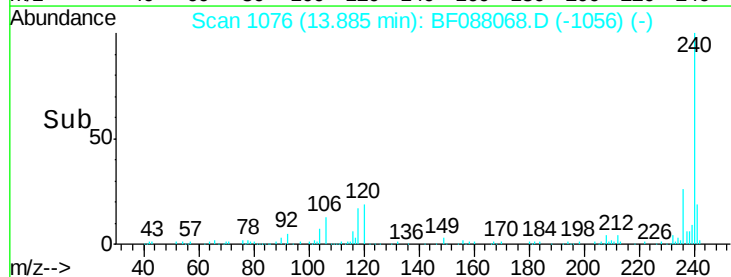
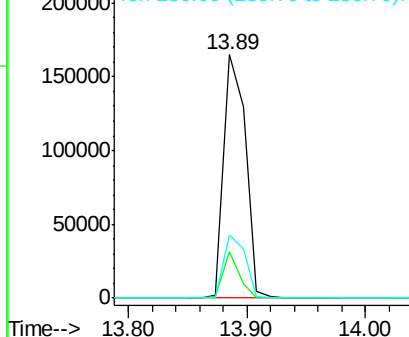


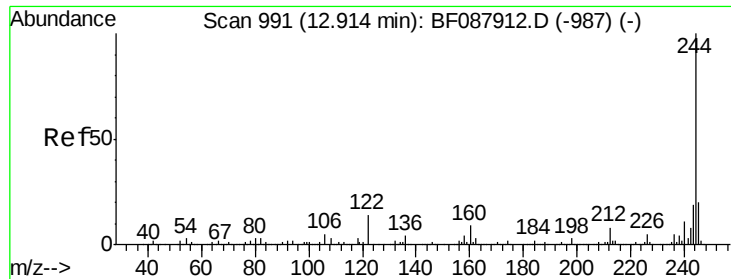
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.07 min
Lab File: BF088068.D
Acq: 16 Jun 2016 7:52

Tgt Ion:240 Resp: 208454
Ion Ratio Lower Upper
240 100
120 19.1 6.8 10.2#
236 25.8 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

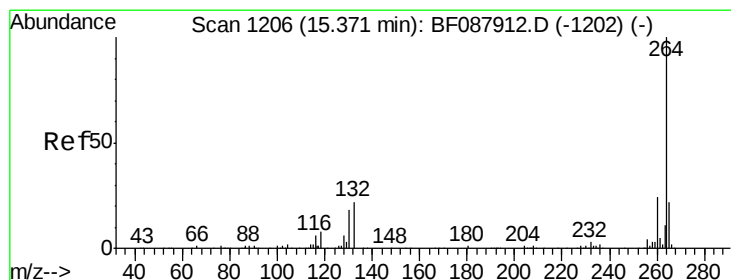
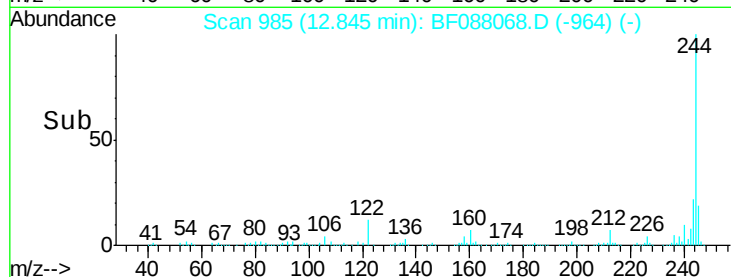
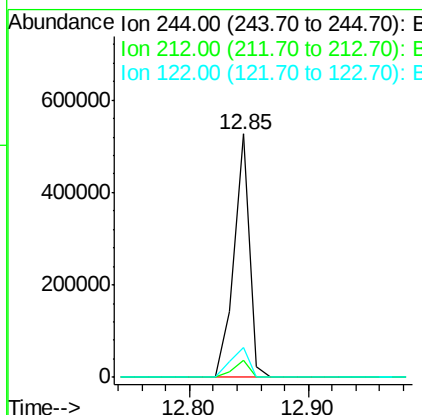
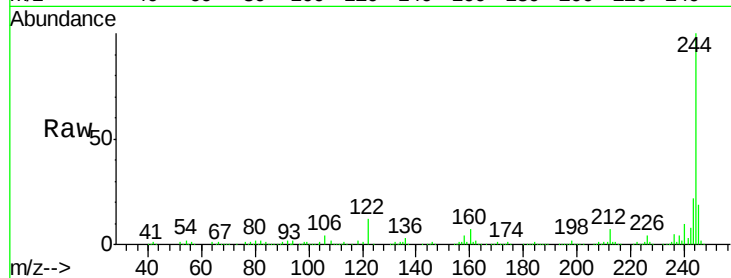




#78
 Terphenyl-d14
 Concen: 51.91 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.06 min
 Lab File: BF088068.D
 Acq: 16 Jun 2016 7:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 475532
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.0 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. -0.07 min
 Lab File: BF088068.D
 Acq: 16 Jun 2016 7:52

Tgt Ion:264 Resp: 218970
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 16.9 25.3

