

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
 Data File : BF088042.D
 Acq On : 15 Jun 2016 19:10
 Operator : UM/SJ
 Sample : H3609-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 181-01-SW-06142016

Quant Time: Jun 16 03:08:38 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

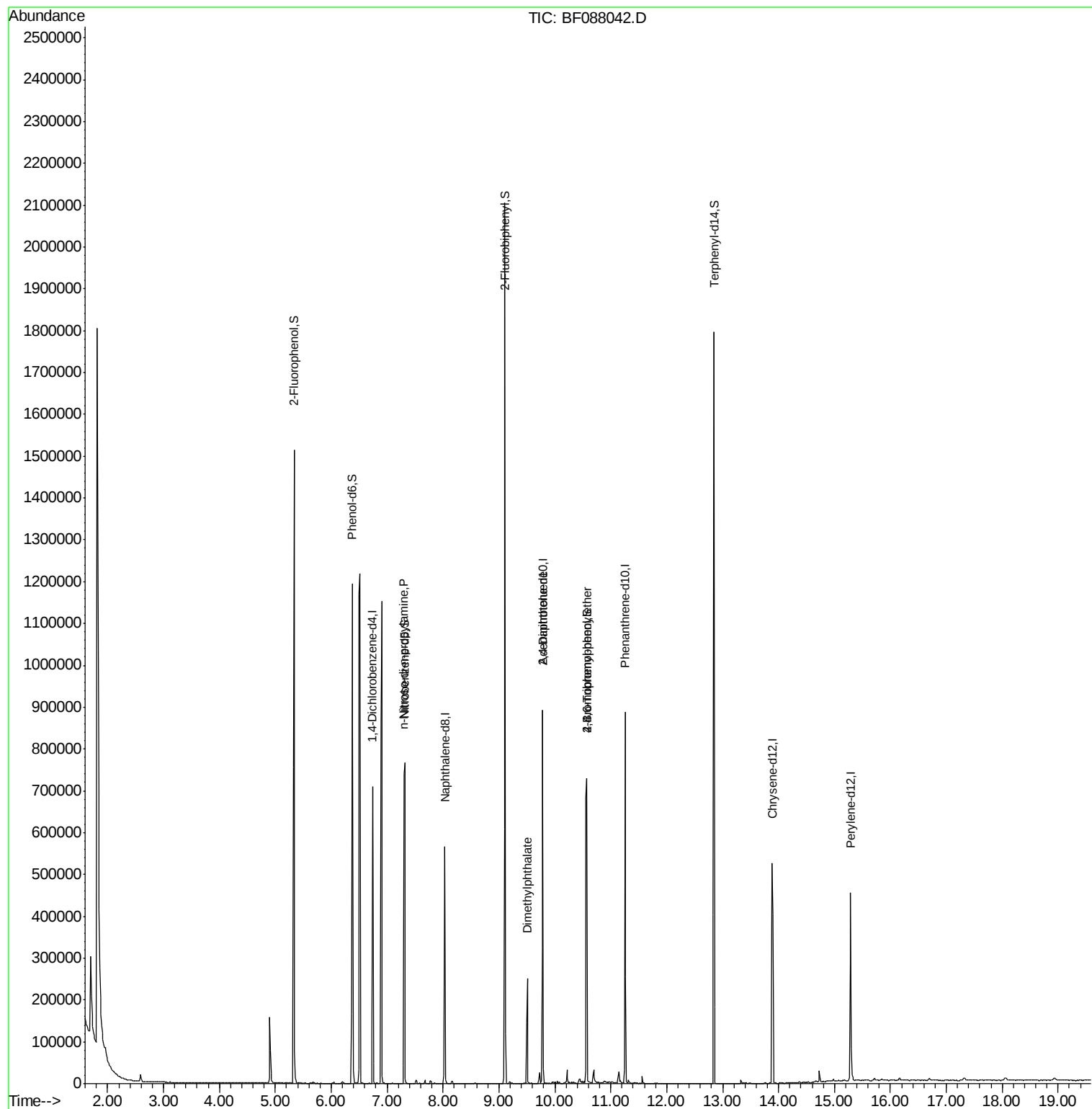
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	106983	20.00	ng	-0.05
21) Naphthalene-d8	8.03	136	403875	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	187134	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	324740	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	239455	20.00	ng	-0.07
86) Perylene-d12	15.29	264	210584	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	507697	81.13	ng	-0.05
7) Phenol-d6	6.38	99	620600	81.83	ng	-0.06
23) Nitrobenzene-d5	7.31	82	383058	55.38	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	132514	67.06	ng	-0.06
44) 2-Fluorobiphenyl	9.11	172	673987	54.60	ng	-0.06
78) Terphenyl-d14	12.84	244	535353	50.87	ng	-0.06
Target Compounds						
10) Phenol	6.40	94	8946	Below Cal		Qvalue 94
19) n-Nitroso-di-n-propylamine	7.30	70	47741	9.84 ng	#	73
45) 1,1'-Biphenyl	9.11	154	1367	Below Cal	#	1
49) Dimethylphthalate	9.51	163	136427	10.06 ng		98
56) 2,4-Dinitrotoluene	9.78	165	24262	6.08 ng	#	37
57) Fluorene	10.56	166	6704	Below Cal	#	90
66) 4-Bromophenyl-phenylether	10.57	248	8527	2.45 ng	#	1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
Data File : BF088042.D
Acq On : 15 Jun 2016 19:10
Operator : UM/SJ
Sample : H3609-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
181-01-SW-06142016

Quant Time: Jun 16 03:08:38 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



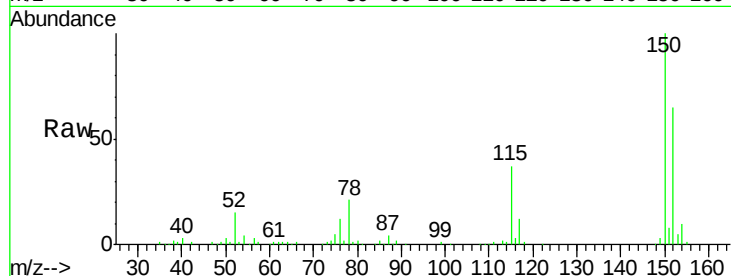


#1

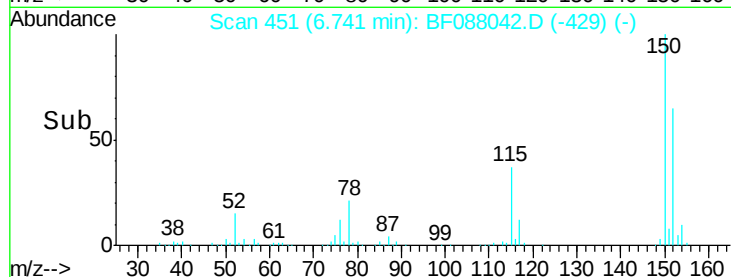
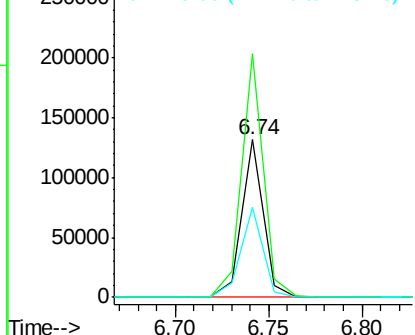
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF088042.D
Acq: 15 Jun 2016 19:10

Instrument :
BNA_F
ClientSampleId :
181-01-SW-06142016

Tgt Ion:152 Resp: 106983
Ion Ratio Lower Upper
152 100
150 154.4 123.8 185.6
115 57.3 39.6 59.4



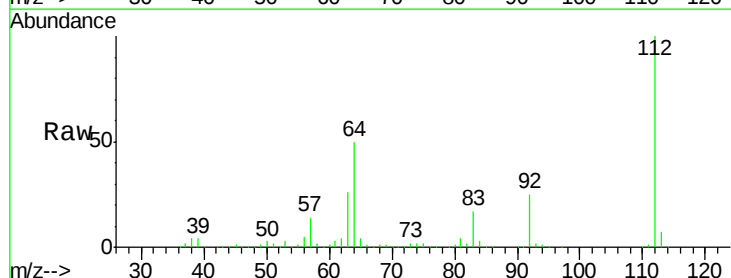
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



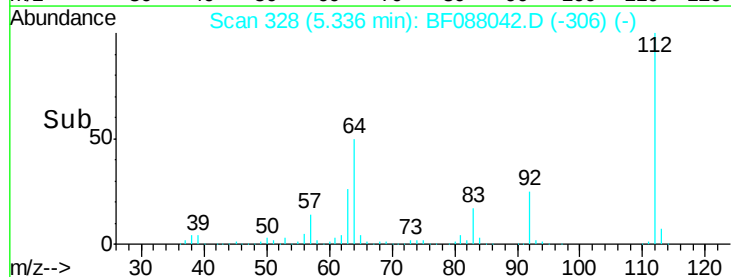
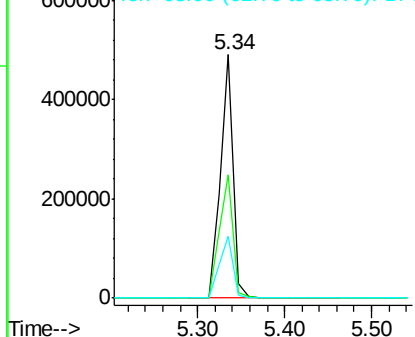
#5

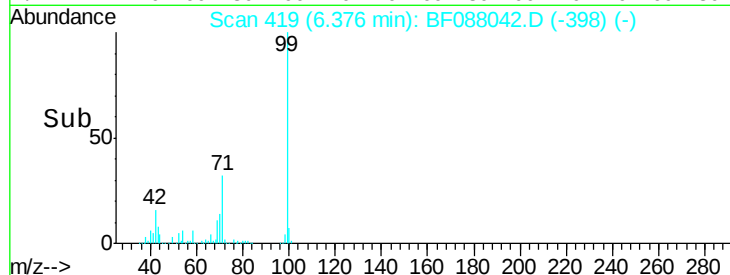
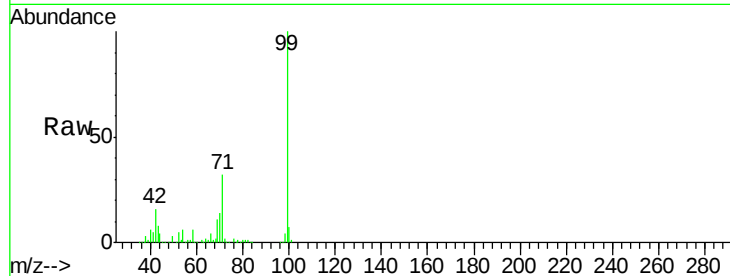
2-Fluorophenol
Concen: 81.13 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.05 min
Lab File: BF088042.D
Acq: 15 Jun 2016 19:10

Tgt Ion:112 Resp: 507697
Ion Ratio Lower Upper
112 100
64 50.4 42.2 63.2
63 25.6 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: 81.83 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.06 min

Lab File: BF088042.D

Acq: 15 Jun 2016 19:10

Instrument :

BNA_F

ClientSampleId :

181-01-SW-06142016

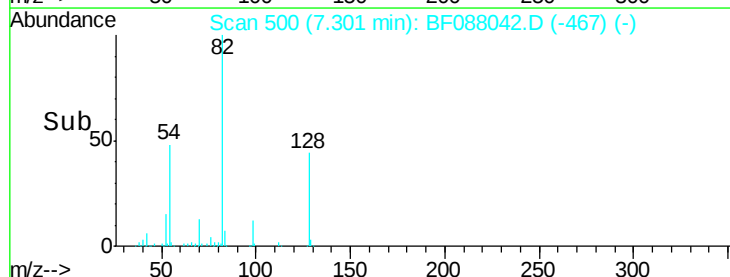
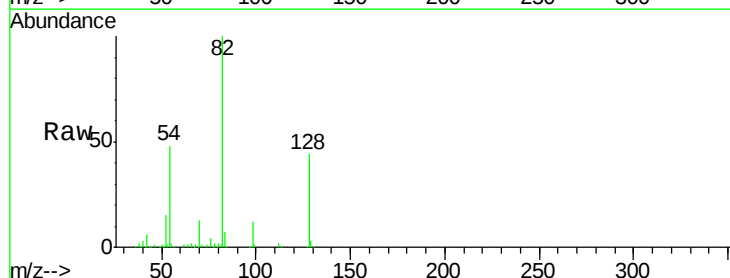
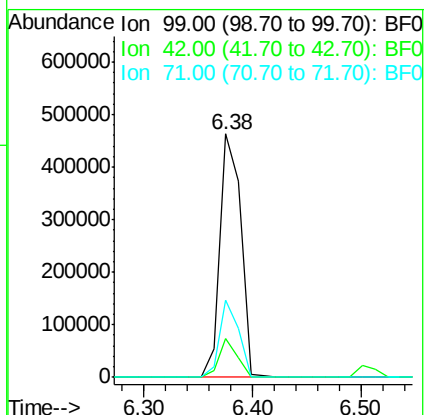
Tgt Ion: 99 Resp: 620600

Ion Ratio Lower Upper

99 100

42 15.8 12.2 18.2

71 31.9 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.84 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.08 min

Lab File: BF088042.D

Acq: 15 Jun 2016 19:10

Tgt Ion: 70 Resp: 47741

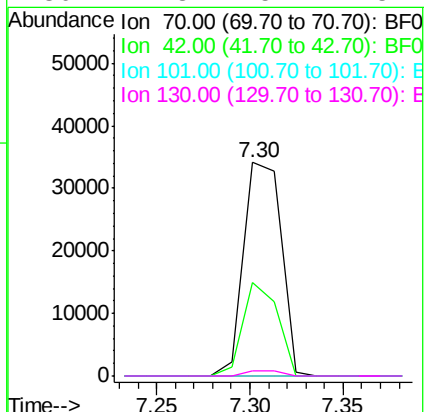
Ion Ratio Lower Upper

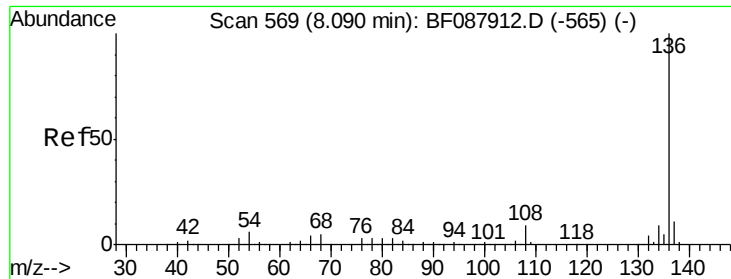
70 100

42 43.8 49.6 74.4#

101 0.0 7.1 10.7#

130 2.3 15.4 23.2#

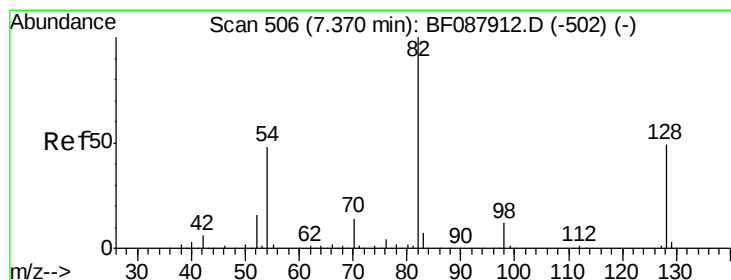
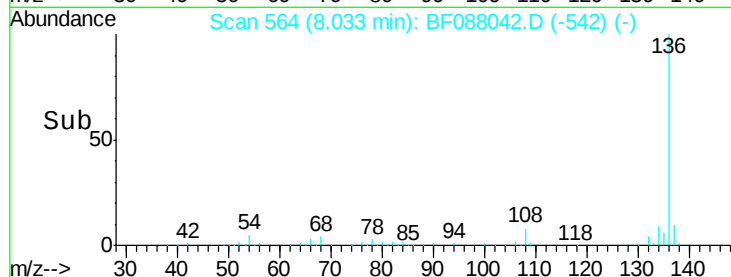
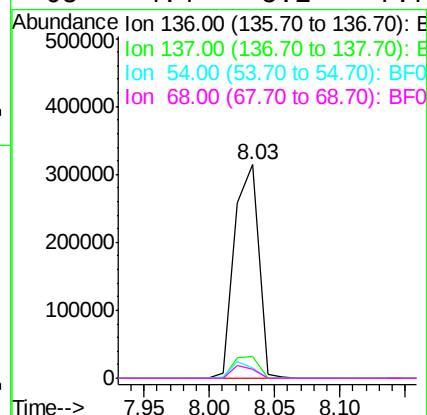
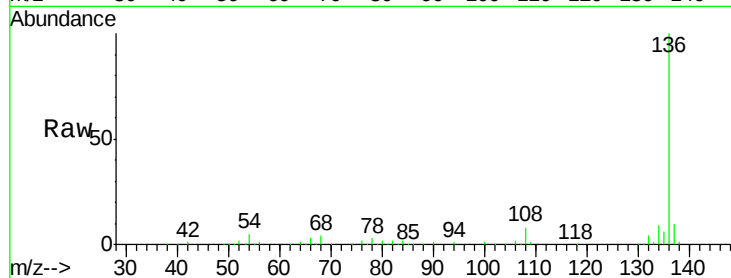




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.05 min
Lab File: BF088042.D
Acq: 15 Jun 2016 19:10

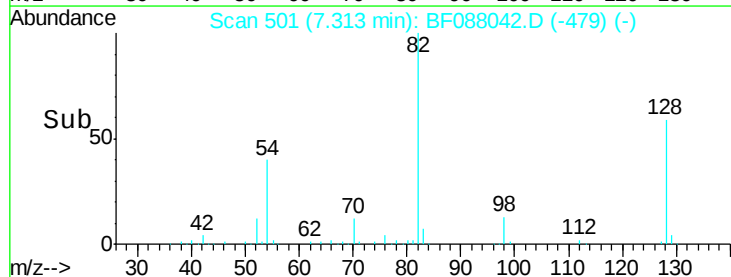
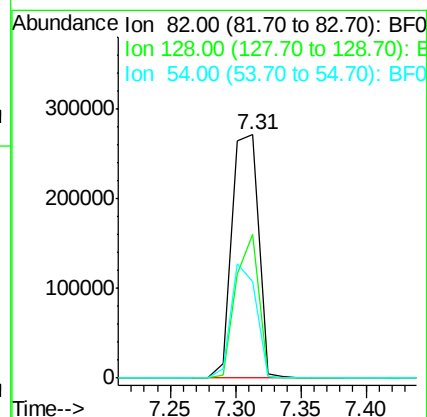
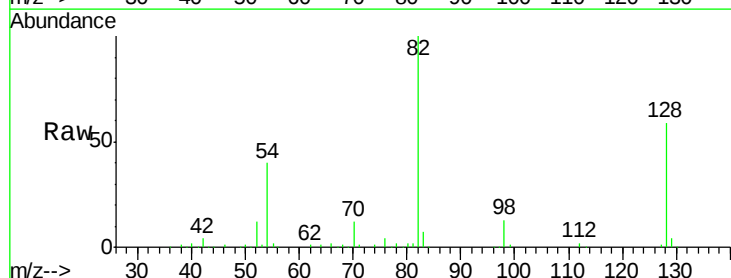
Instrument :
BNA_F
ClientSampleId :
181-01-SW-06142016

Tgt 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: 55.38 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF088042.D
Acq: 15 Jun 2016 19:10

Tgt Ion	Ratio	Lower	Upper
82	100		
128	59.0	35.9	53.9#
54	39.7	40.9	61.3#

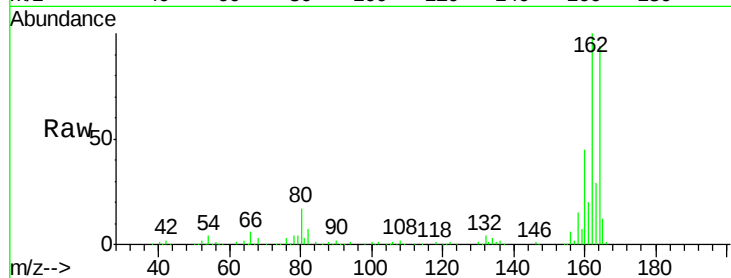




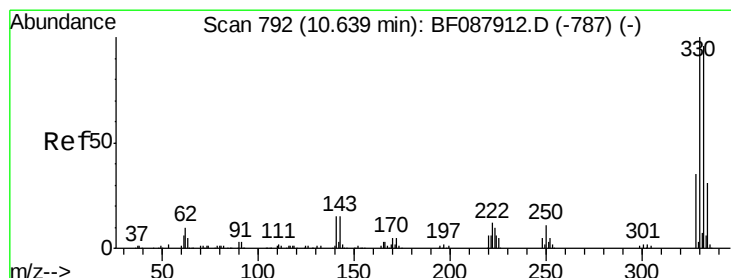
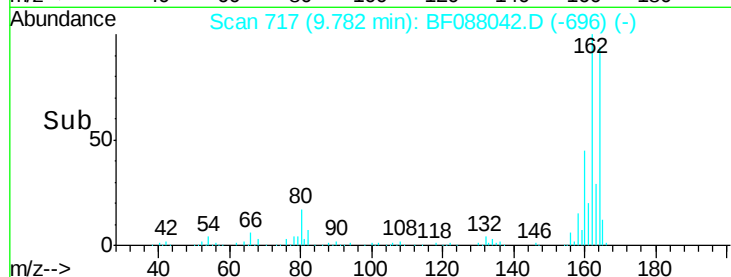
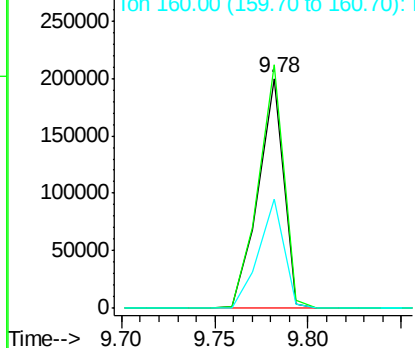
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.06 min
Lab File: BF088042.D
Acq: 15 Jun 2016 19:10

Instrument :
BNA_F
ClientSampleId :
181-01-SW-06142016

Tgt Ion:164 Resp: 187134
Ion Ratio Lower Upper
164 100
162 106.0 85.4 128.2
160 47.3 39.5 59.3

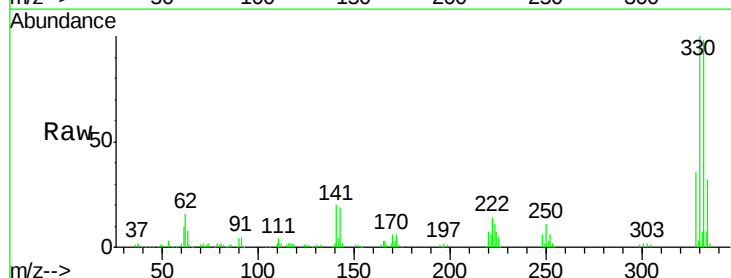


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

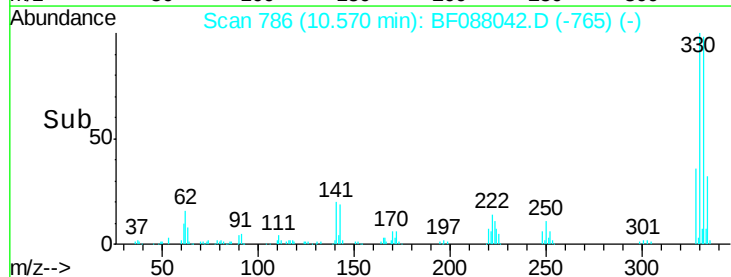
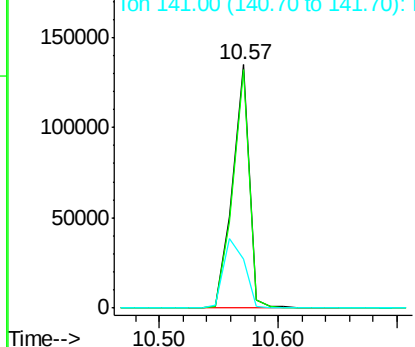


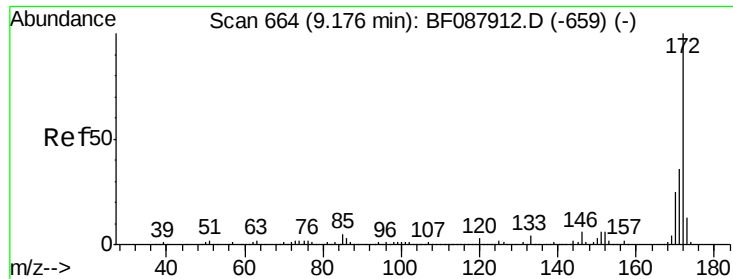
#41
2,4,6-Tribromophenol
Concen: 67.06 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.06 min
Lab File: BF088042.D
Acq: 15 Jun 2016 19:10

Tgt Ion:330 Resp: 132514
Ion Ratio Lower Upper
330 100
332 96.8 0.0 0.0#
141 35.2 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

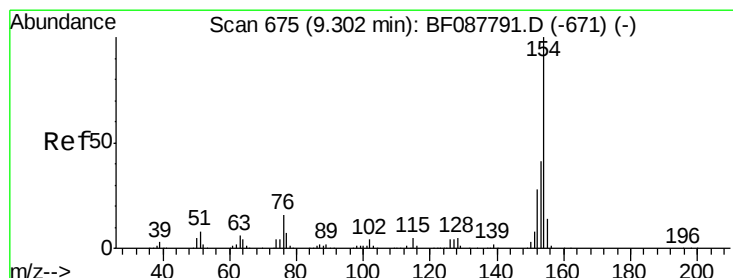
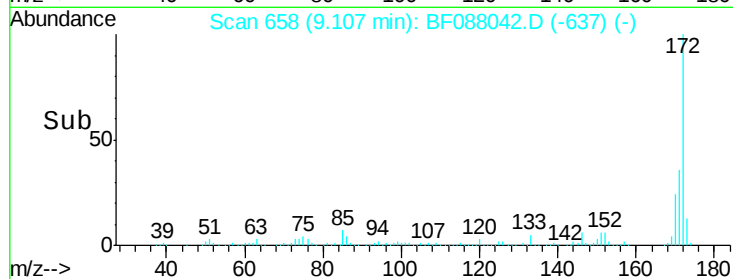
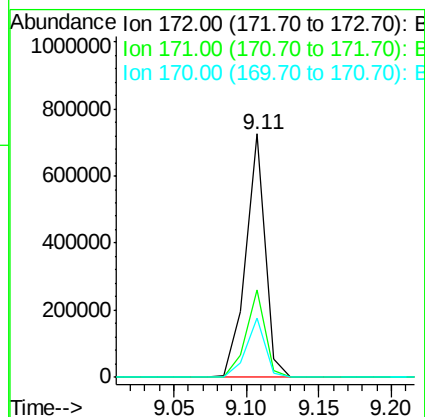
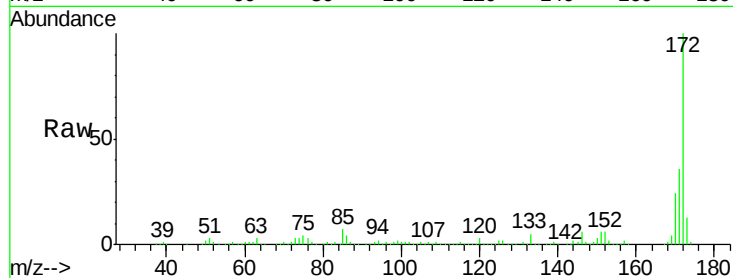




#44
2-Fluorobiphenyl
Concen: 54.60 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.06 min
Lab File: BF088042.D
Acq: 15 Jun 2016 19:10

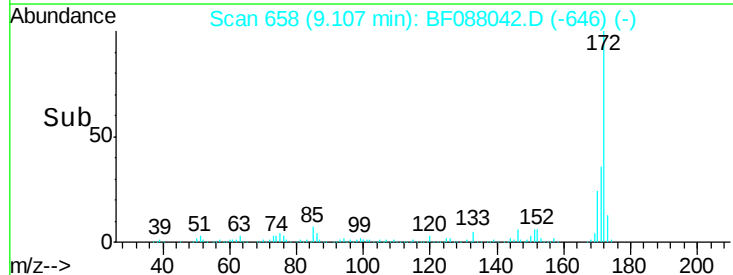
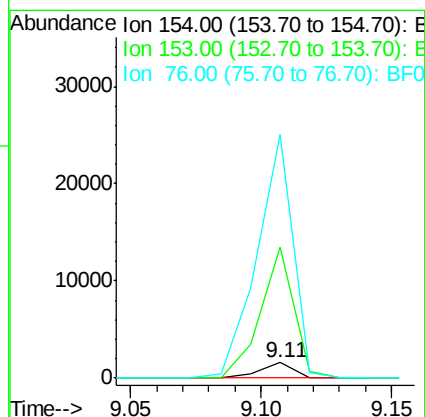
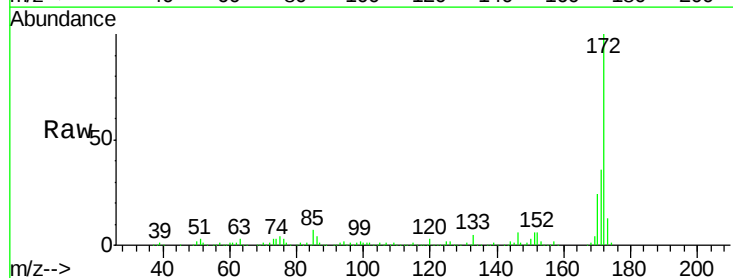
Instrument :
BNA_F
ClientSampleId :
181-01-SW-06142016

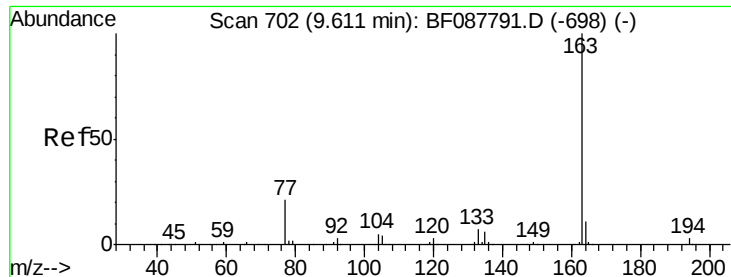
Tgt Ion:172 Resp: 673987
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.3 19.2 28.8



#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.11 min Scan# 658
Delta R.T. -0.16 min
Lab File: BF088042.D
Acq: 15 Jun 2016 19:10

Tgt Ion:154 Resp: 1367
Ion Ratio Lower Upper
154 100
153 867.4 20.6 60.6#
76 1604.6 0.0 35.1#





#49

Dimethylphthalate

Concen: 10.06 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.06 min

Lab File: BF088042.D

Acq: 15 Jun 2016 19:10

Instrument :

BNA_F

ClientSampleId :

181-01-SW-06142016

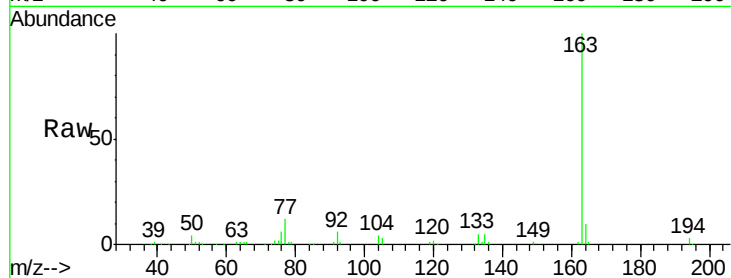
Tgt Ion:163 Resp: 136427

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

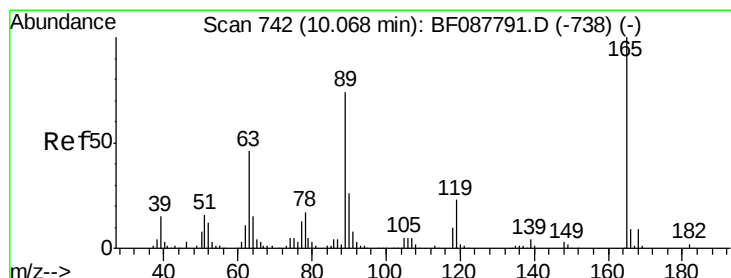
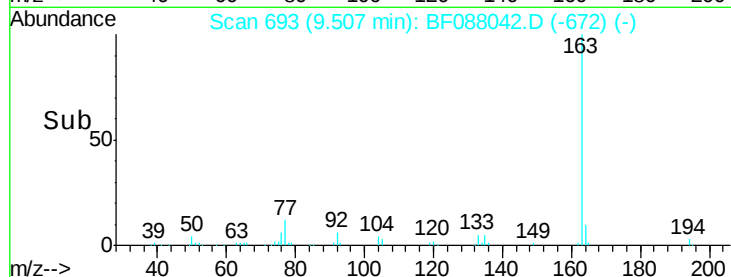
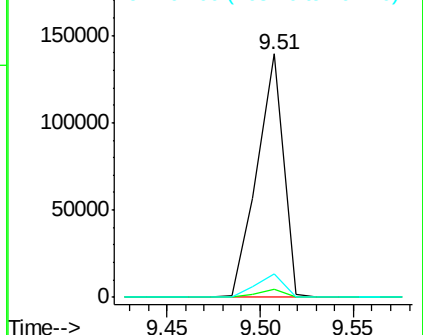
164 9.7 8.3 12.5



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: 6.08 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.25 min

Lab File: BF088042.D

Acq: 15 Jun 2016 19:10

Tgt Ion:165 Resp: 24262

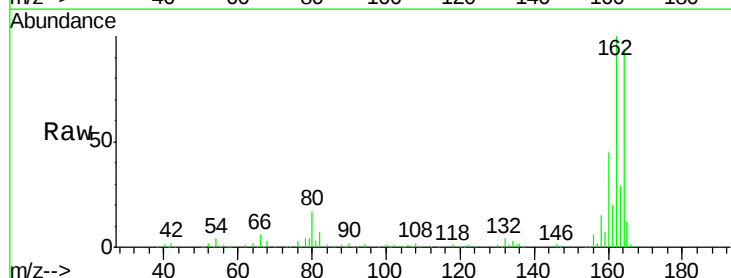
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 1.4 41.1 61.7#

182 0.0 2.0 3.0#

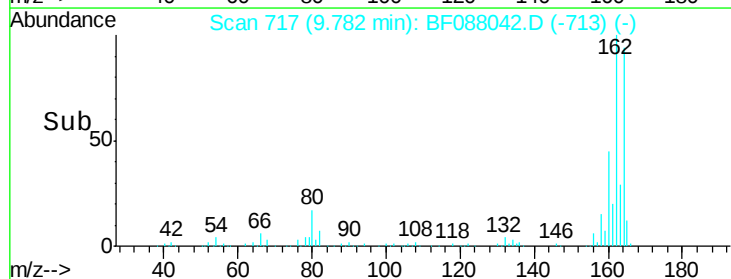
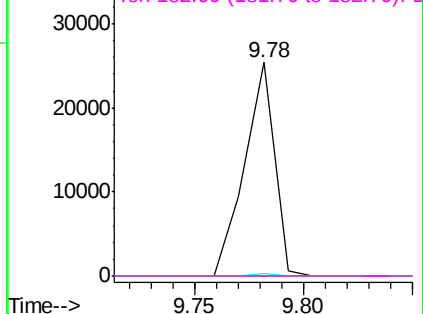


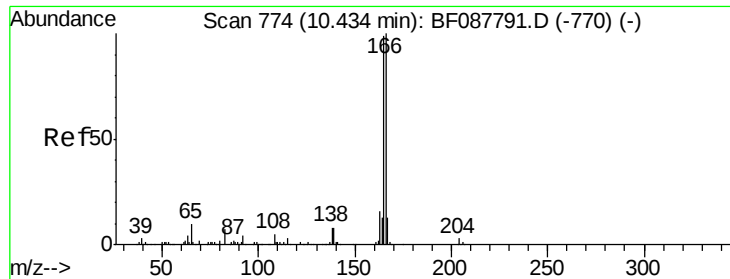
Abundance Ion 165.00 (164.70 to 165.70): E

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. 0.17 min

Lab File: BF088042.D

Acq: 15 Jun 2016 19:10

Instrument :

BNA_F

ClientSampleId :

181-01-SW-06142016

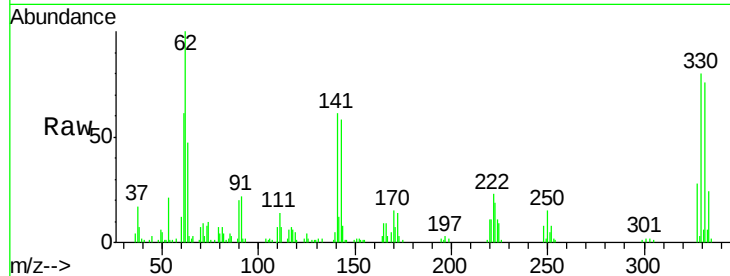
Tgt Ion:166 Resp: 6704

Ion Ratio Lower Upper

166 100

165 103.0 77.8 116.8

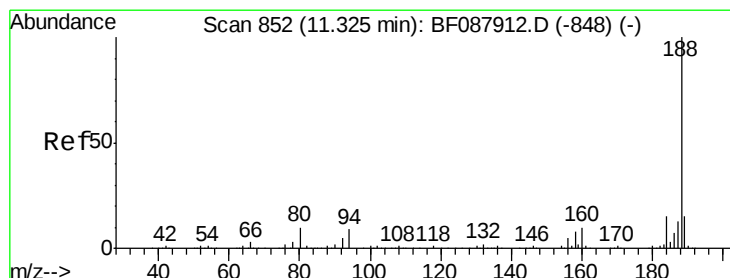
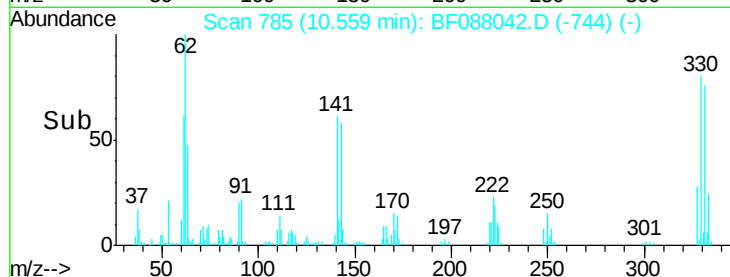
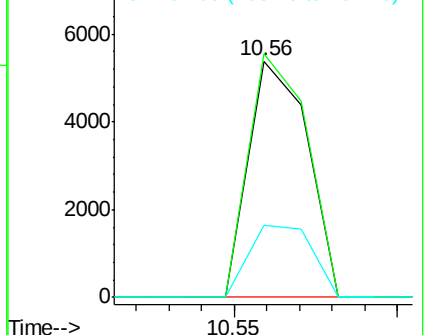
167 30.8 11.2 16.8#



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: BF088042.D

Acq: 15 Jun 2016 19:10

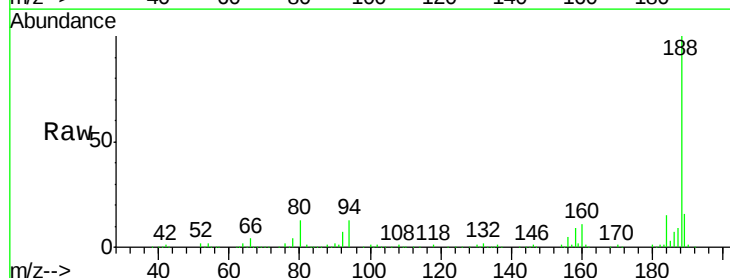
Tgt Ion:188 Resp: 324740

Ion Ratio Lower Upper

188 100

94 12.7 9.0 13.6

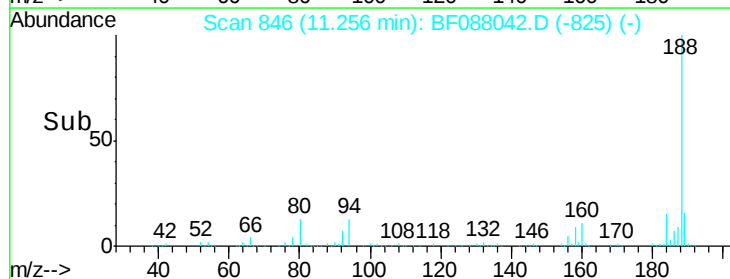
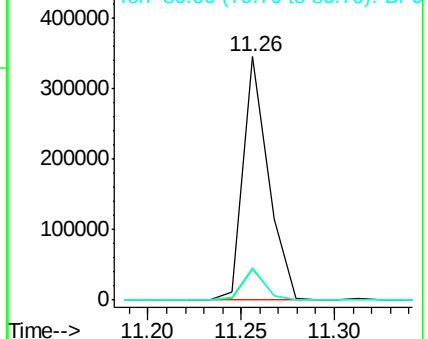
80 13.4 10.0 15.0

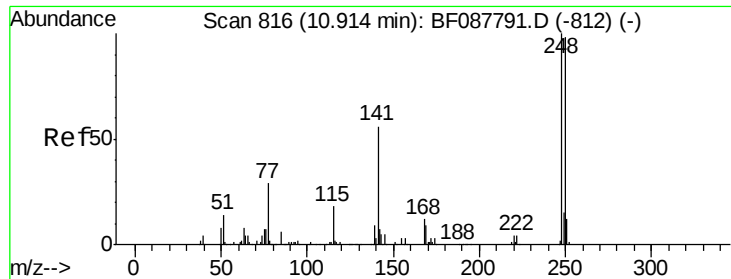


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

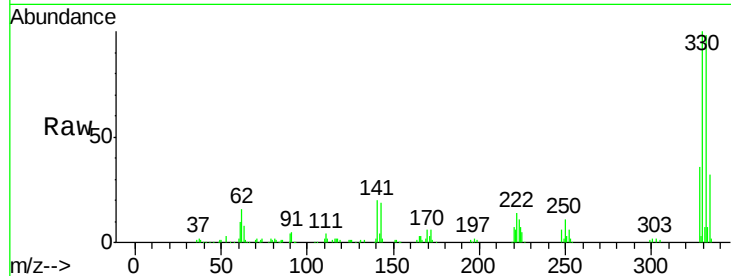




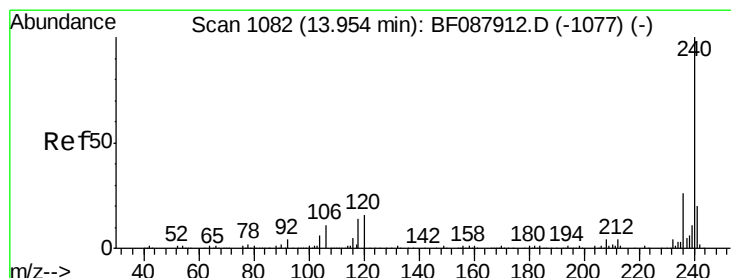
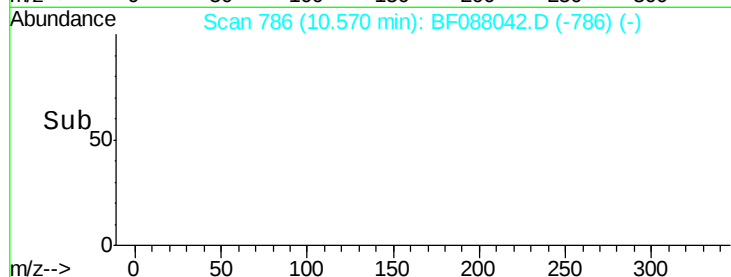
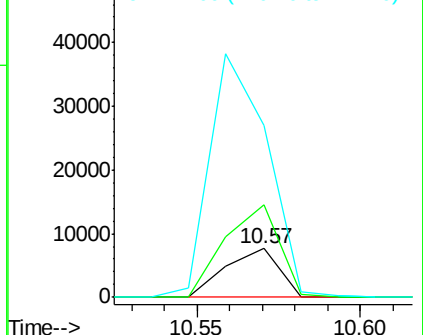
#66
 4-Bromophenyl-phenylether
 Concen: 2.45 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.30 min
 Lab File: BF088042.D
 Acq: 15 Jun 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 181-01-SW-06142016

Tgt Ion:248 Resp: 8527
 Ion Ratio Lower Upper
 248 100
 250 191.1 77.1 115.7#
 141 355.2 50.6 76.0#

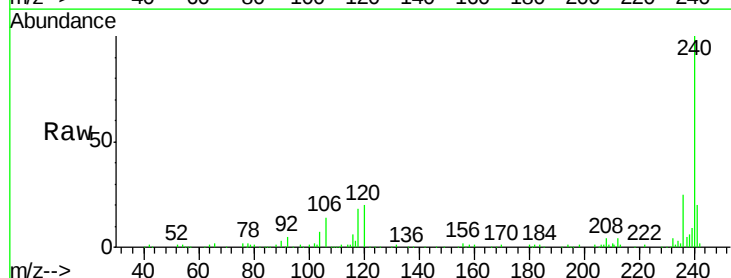


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

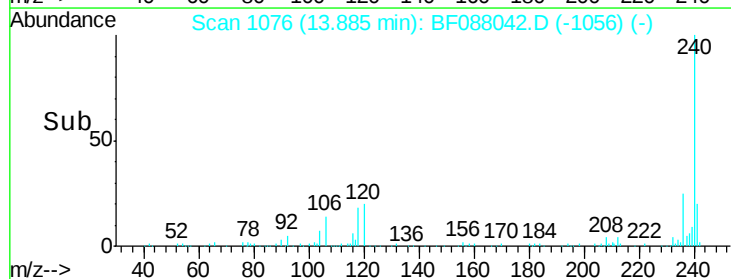
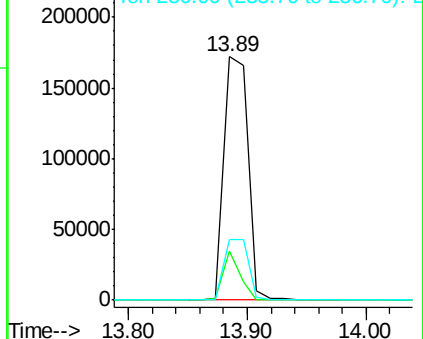


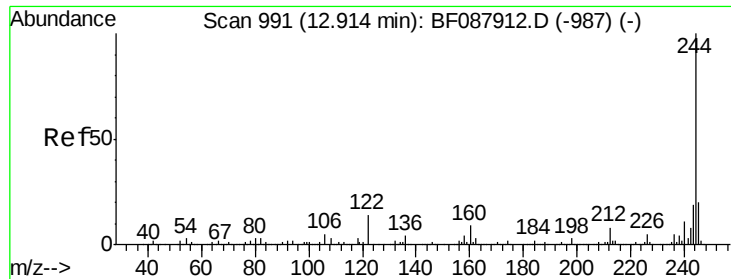
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.07 min
 Lab File: BF088042.D
 Acq: 15 Jun 2016 19:10

Tgt Ion:240 Resp: 239455
 Ion Ratio Lower Upper
 240 100
 120 20.3 6.8 10.2#
 236 25.0 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

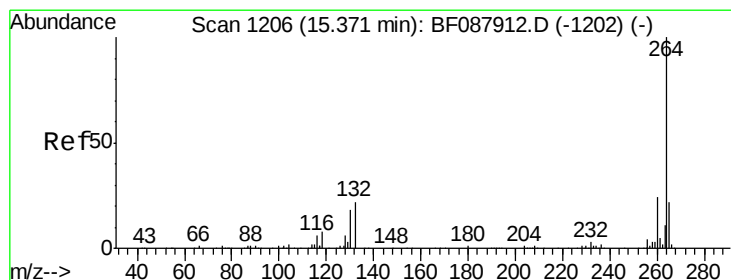
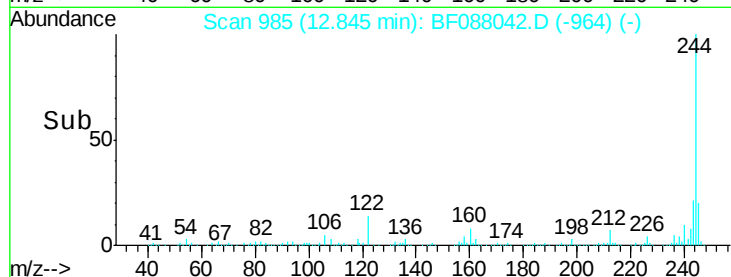
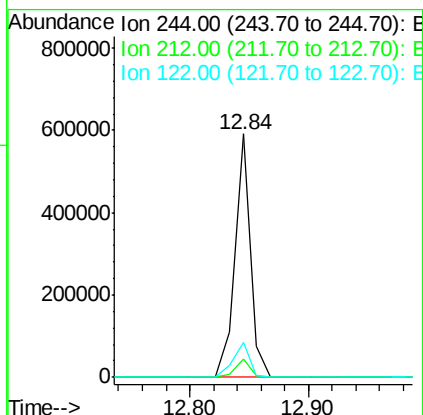
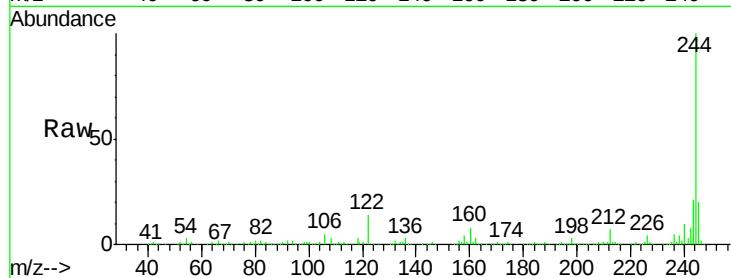




#78
 Terphenyl-d14
 Concen: 50.87 ng
 RT: 12.84 min Scan# 985
 Delta R.T. -0.06 min
 Lab File: BF088042.D
 Acq: 15 Jun 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 181-01-SW-06142016

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.2	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: BF088042.D
 Acq: 15 Jun 2016 19:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	16.9	25.3

