

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
 Data File : BF088048.D
 Acq On : 15 Jun 2016 22:05
 Operator : UM/SJ
 Sample : H3474-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S6-B3(7-15)C

Quant Time: Jun 16 03:09:56 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

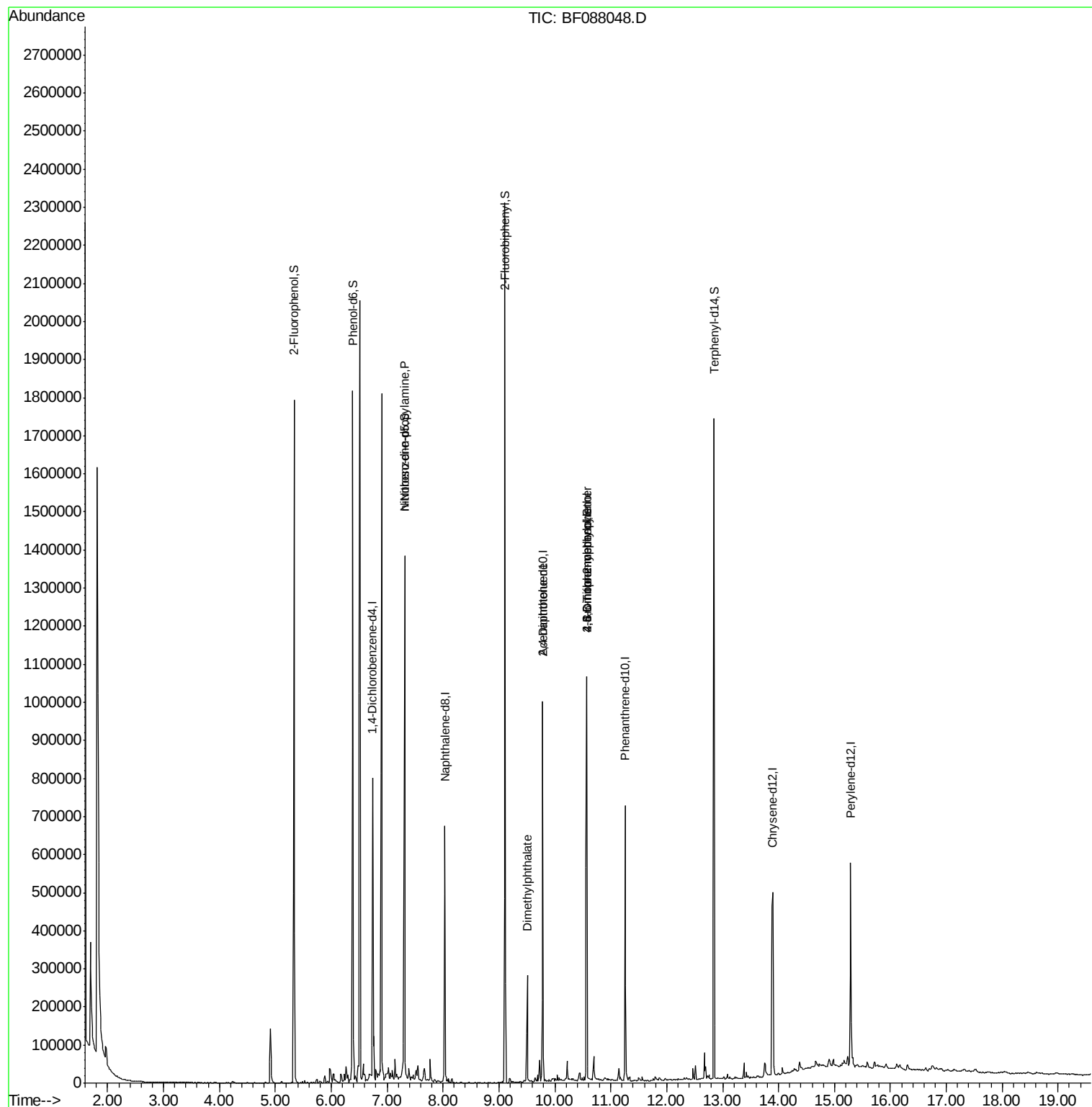
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	113839	20.00	ng	-0.05
21) Naphthalene-d8	8.03	136	419104	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	190061	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	276351	20.00	ng	-0.06
75) Chrysene-d12	13.90	240	224038	20.00	ng	-0.06
86) Perylene-d12	15.29	264	221874	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	580293	87.14	ng	-0.05
7) Phenol-d6	6.39	99	743308	92.11	ng	-0.05
23) Nitrobenzene-d5	7.31	82	513886	71.60	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	144608	72.06	ng	-0.06
44) 2-Fluorobiphenyl	9.11	172	722342	57.94	ng	-0.06
78) Terphenyl-d14	12.85	244	512850	52.09	ng	-0.06
Target Compounds						
10) Phenol	6.40	94	5334	Below Cal		Qvalue 81
19) n-Nitroso-di-n-propylamine	7.31	70	70796	13.71 ng	#	69
45) 1,1'-Biphenyl	9.11	154	1247	Below Cal	#	1
49) Dimethylphthalate	9.51	163	136710	9.93 ng		98
56) 2,4-Dinitrotoluene	9.78	165	24279	5.99 ng	#	38
57) Fluorene	10.33	166	1026	Below Cal	#	89
64) 4,6-Dinitro-2-methylphenol	10.57	198	277	2.32 ng	#	22
66) 4-Bromophenyl-phenylether	10.57	248	9885	3.33 ng	#	1

(#) = 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. -0.05 min

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Instrument :

BNA_F

ClientSampleId :

S6-B3(7-15)C

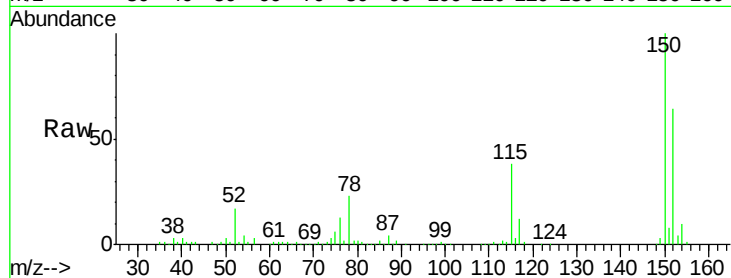
Tgt Ion:152 Resp: 113839

Ion Ratio Lower Upper

152 100

150 155.7 123.8 185.6

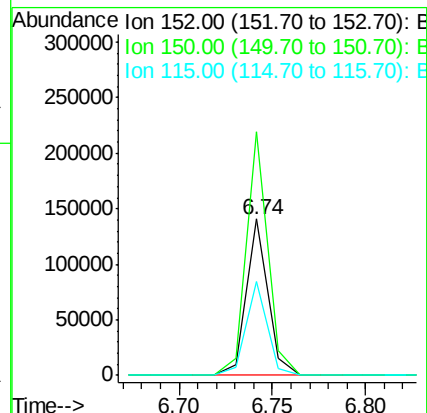
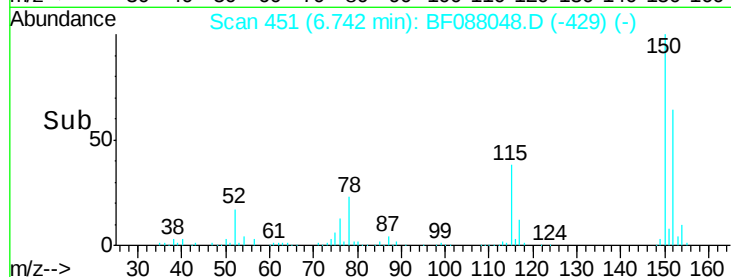
115 59.7 39.6 59.4#



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: 87.14 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.05 min

Lab File: BF088048.D

Acq: 15 Jun 2016 22:05

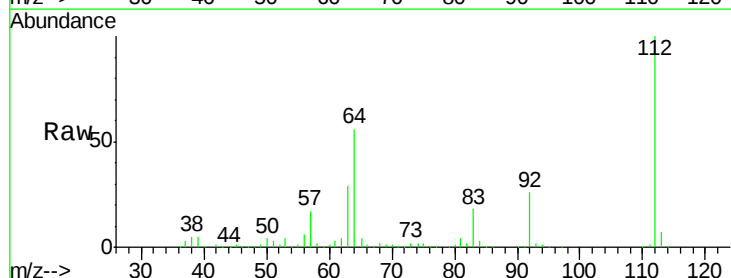
Tgt Ion:112 Resp: 580293

Ion Ratio Lower Upper

112 100

64 56.0 42.2 63.2

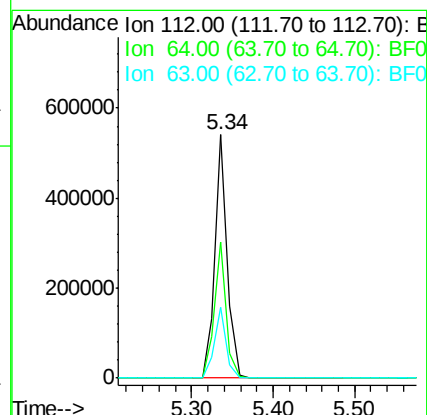
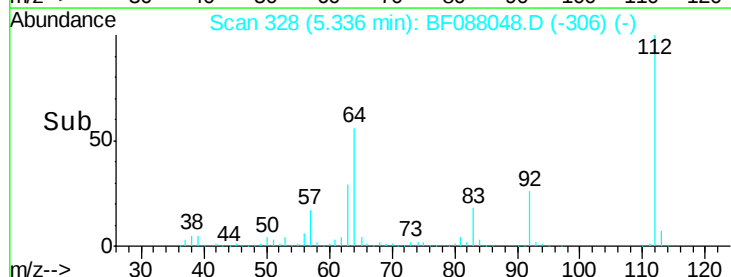
63 28.8 21.8 32.8

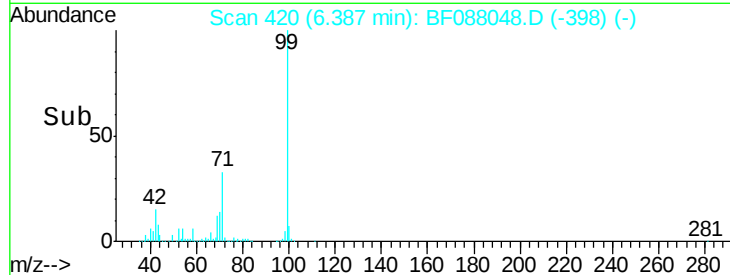
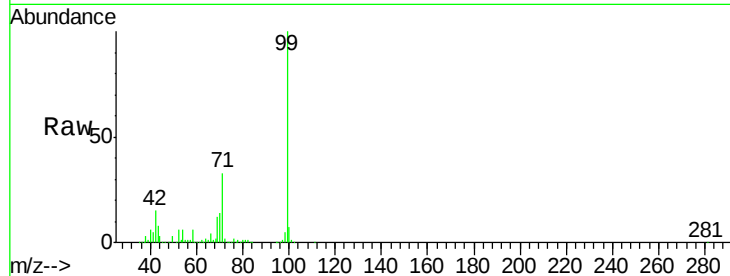


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.11 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.05 min

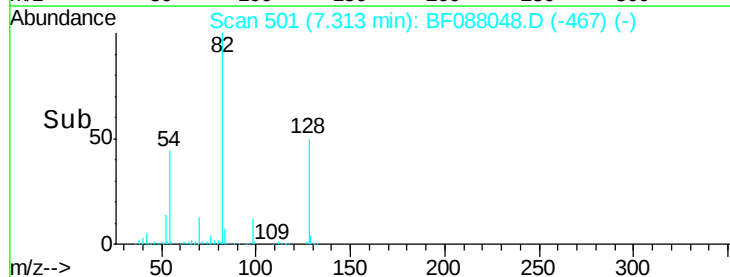
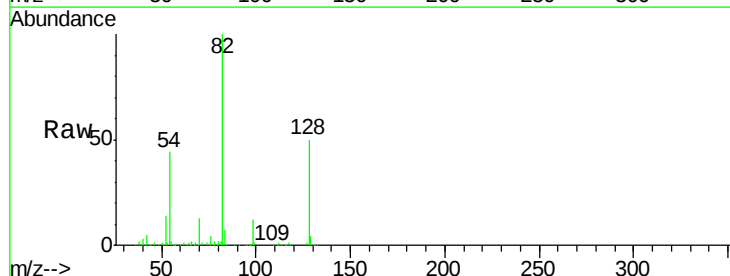
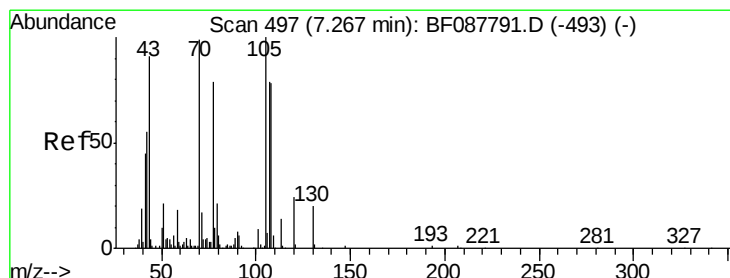
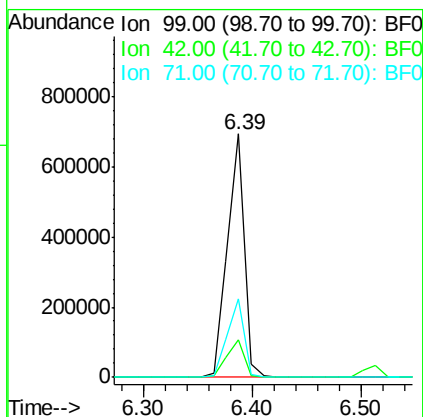
Lab File: BF088048.D

Acq: 15 Jun 2016 22:05

Tgt Ion: 99 Resp: 743308

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.2	18.2
71	32.5	23.4	35.0

Instrument :
BNA_F
ClientSampleId :
S6-B3(7-15)C



#19

n-Nitroso-di-n-propylamine

Concen: 13.71 ng

RT: 7.31 min Scan# 501

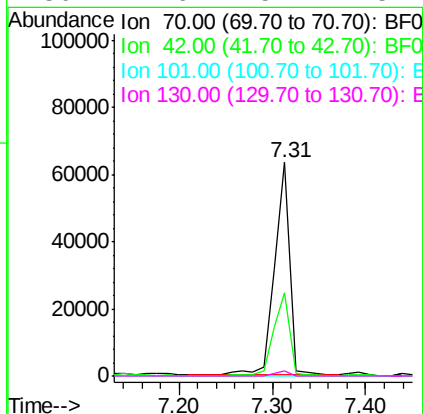
Delta R.T. 0.09 min

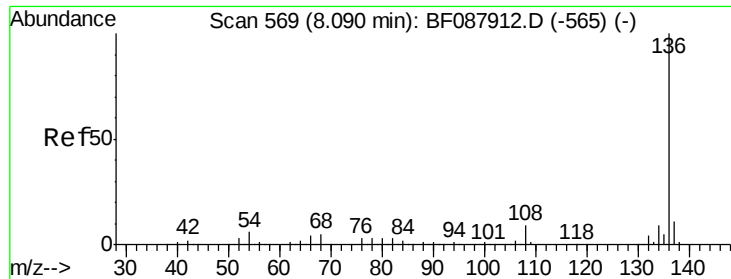
Lab File: BF088048.D

Acq: 15 Jun 2016 22:05

Tgt Ion: 70 Resp: 70796

Ion	Ratio	Lower	Upper
70	100		
42	39.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.6	15.4	23.2#

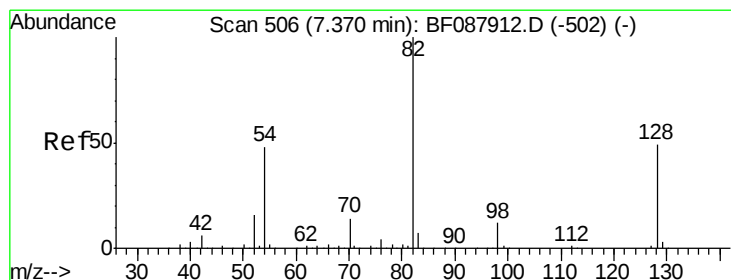
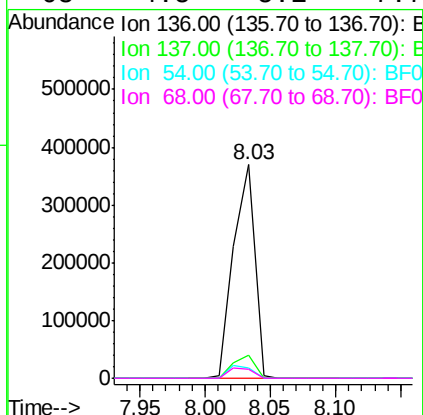
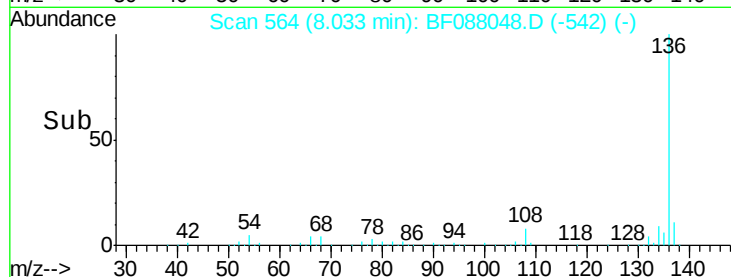
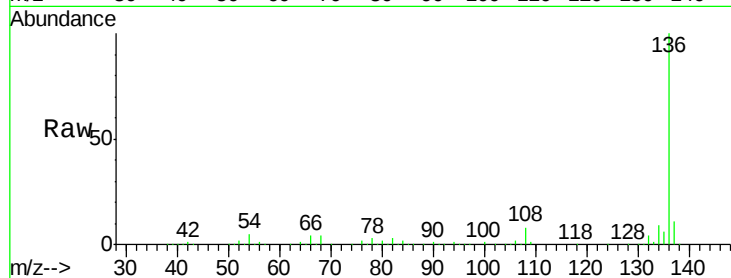




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.05 min
Lab File: BF088048.D
Acq: 15 Jun 2016 22:05

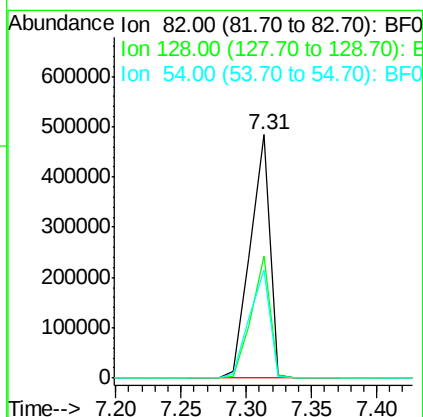
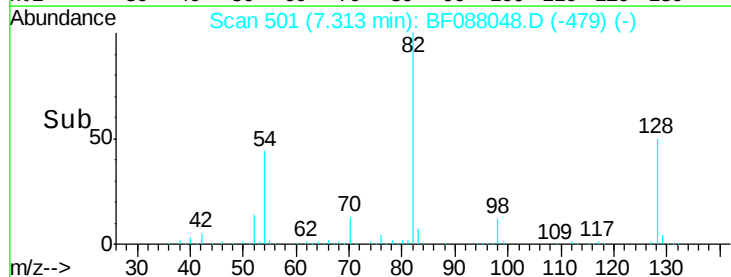
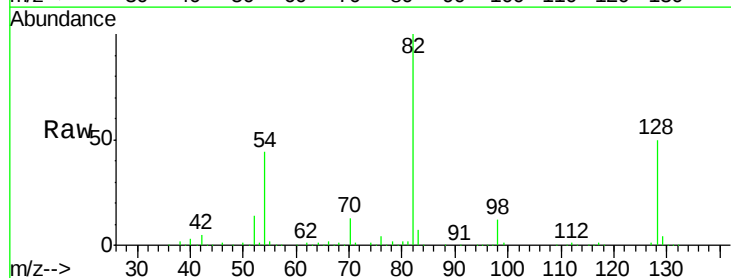
Instrument :
BNA_F
ClientSampleId :
S6-B3(7-15)C

Tgt Ion:	136	Resp:	419104
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	4.9	6.6	10.0#
68	4.5	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 71.60 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF088048.D
Acq: 15 Jun 2016 22:05

Tgt Ion:	82	Resp:	513886
Ion	Ratio	Lower	Upper
82	100		
128	50.3	35.9	53.9
54	44.4	40.9	61.3

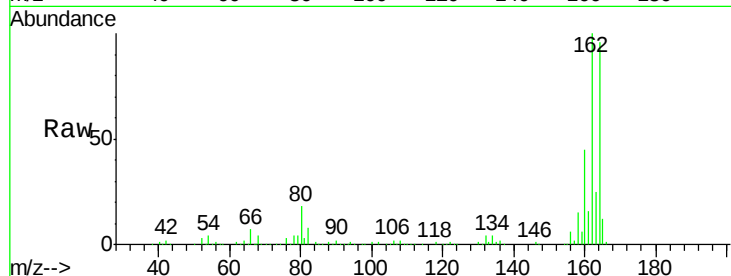




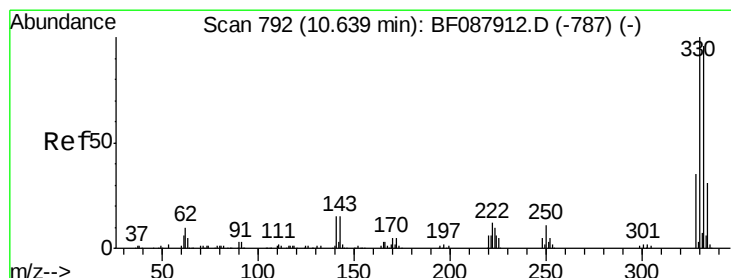
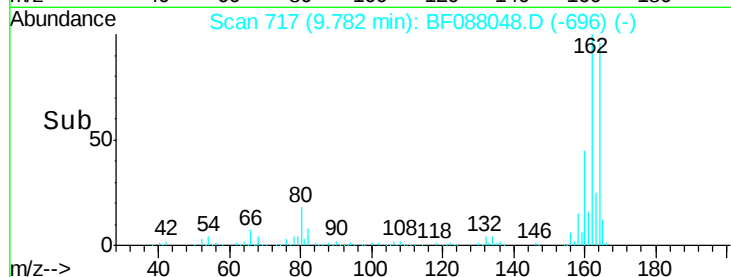
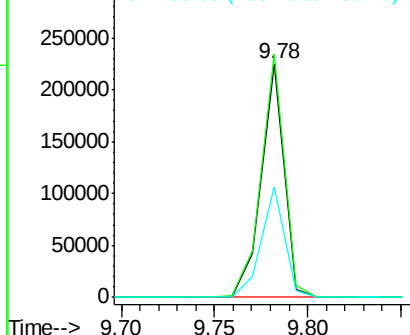
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.06 min
 Lab File: BF088048.D
 Acq: 15 Jun 2016 22:05

Instrument :
 BNA_F
 ClientSampleId :
 S6-B3(7-15)C

Tgt Ion:164 Resp: 190061
 Ion Ratio Lower Upper
 164 100
 162 104.3 85.4 128.2
 160 47.2 39.5 59.3

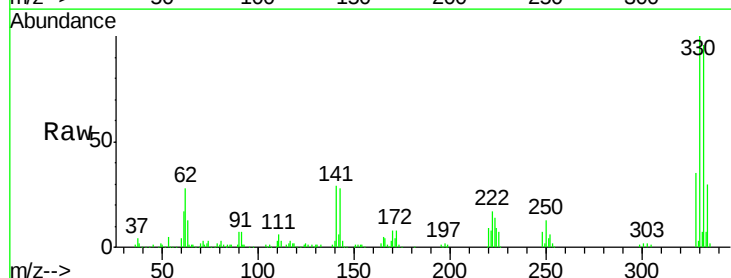


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

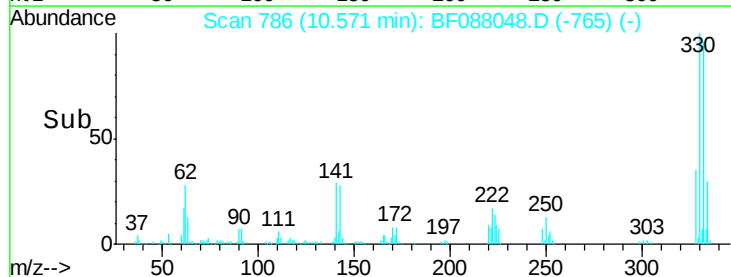
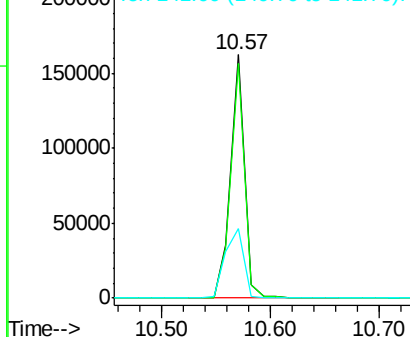


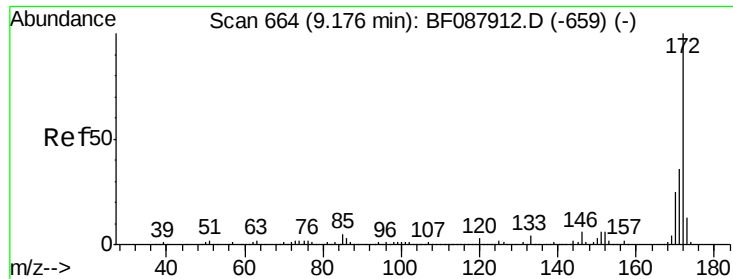
#41
 2,4,6-Tribromophenol
 Concen: 72.06 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.06 min
 Lab File: BF088048.D
 Acq: 15 Jun 2016 22:05

Tgt Ion:330 Resp: 144608
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 38.7 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

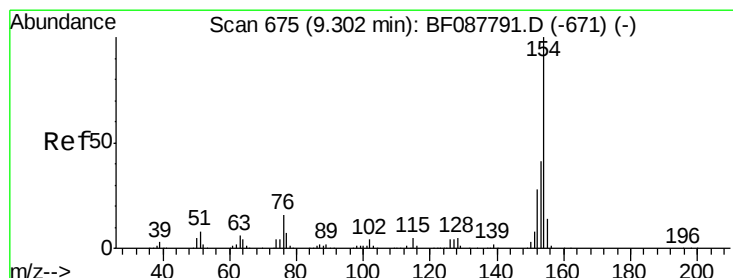
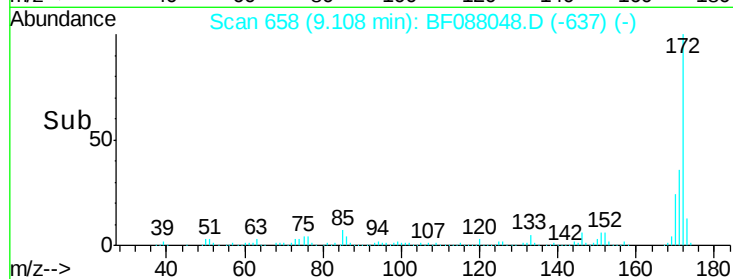
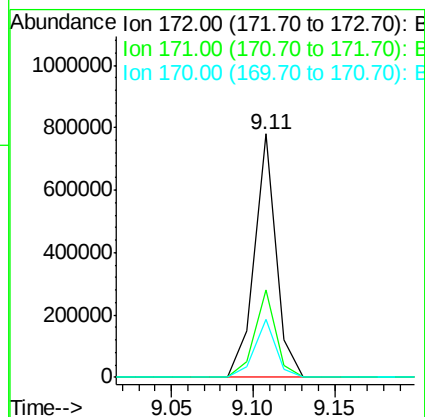
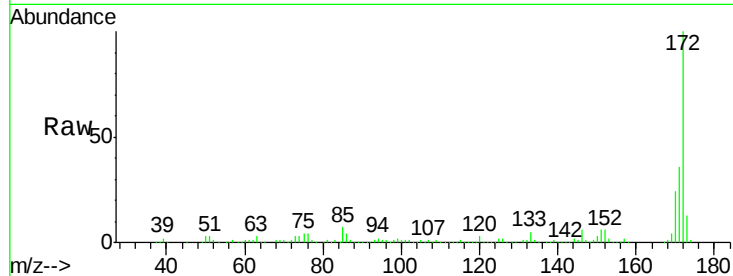




#44
 2-Fluorobiphenyl
 Concen: 57.94 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.06 min
 Lab File: BF088048.D
 Acq: 15 Jun 2016 22:05

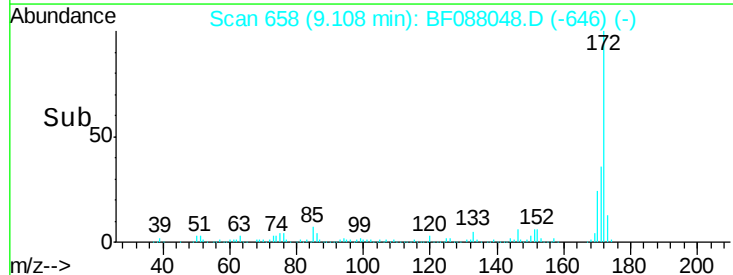
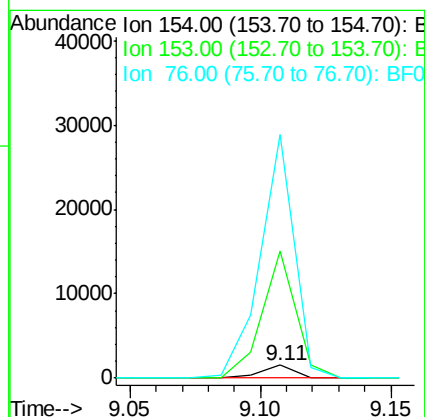
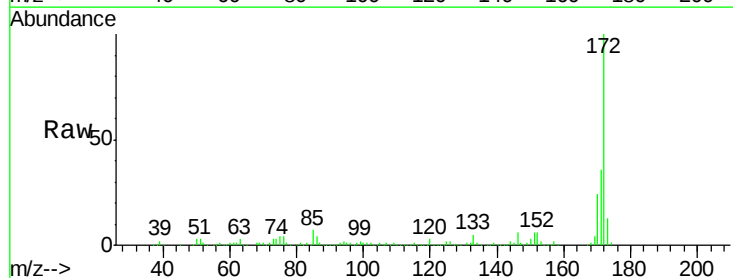
Instrument :
 BNA_F
 ClientSampleId :
 S6-B3(7-15)C

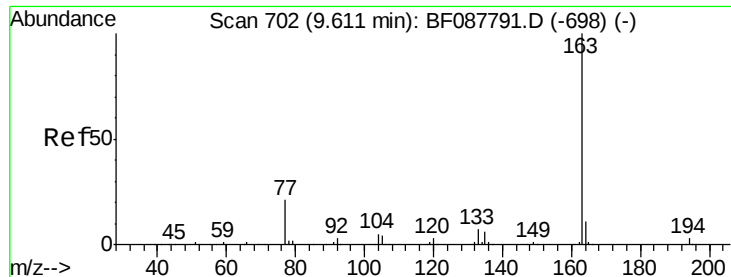
Tgt Ion:172 Resp: 722342
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.9 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.11 min Scan# 658
 Delta R.T. -0.16 min
 Lab File: BF088048.D
 Acq: 15 Jun 2016 22:05

Tgt Ion:154 Resp: 1247
 Ion Ratio Lower Upper
 154 100
 153 996.4 20.6 60.6#
 76 1912.8 0.0 35.1#





#49

Dimethylphthalate

Concen: 9.93 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.06 min

Lab File: BF088048.D

Acq: 15 Jun 2016 22:05

Instrument :

BNA_F

ClientSampleId :

S6-B3(7-15)C

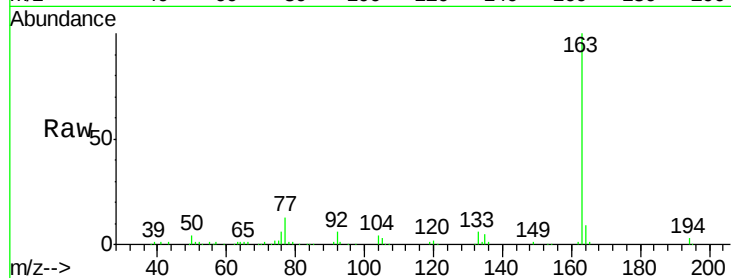
Tgt Ion:163 Resp: 136710

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

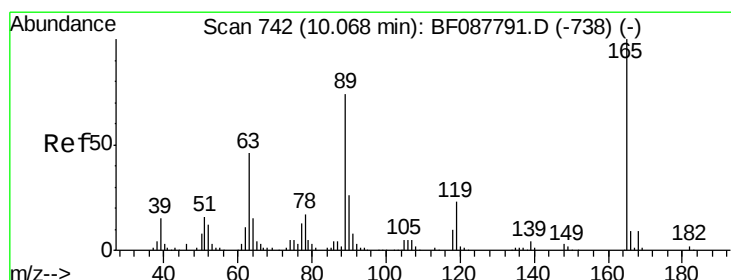
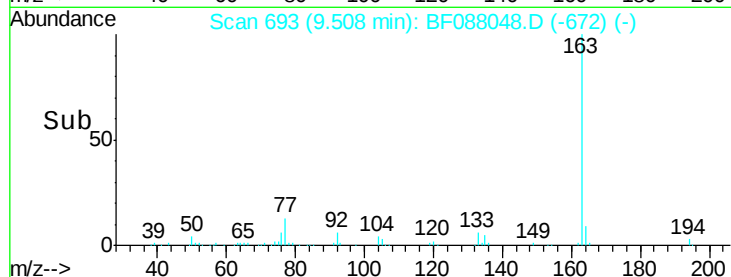
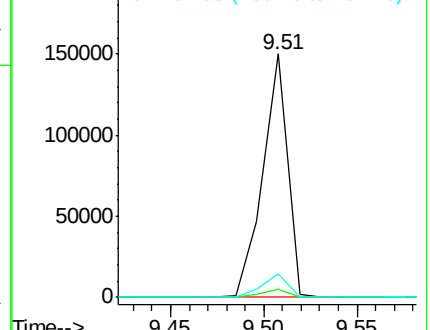
164 9.4 8.3 12.5



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: 5.99 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.25 min

Lab File: BF088048.D

Acq: 15 Jun 2016 22:05

Tgt Ion:165 Resp: 24279

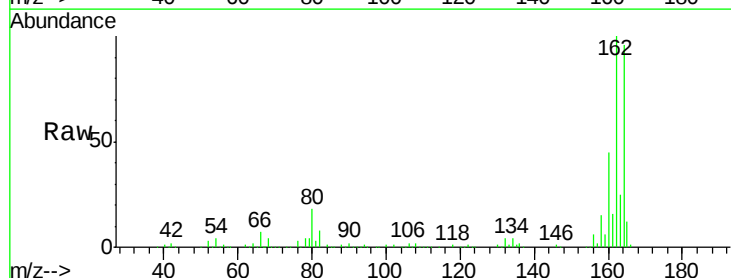
Ion Ratio Lower Upper

165 100

63 1.2 22.0 33.0#

89 1.4 41.1 61.7#

182 0.0 2.0 3.0#

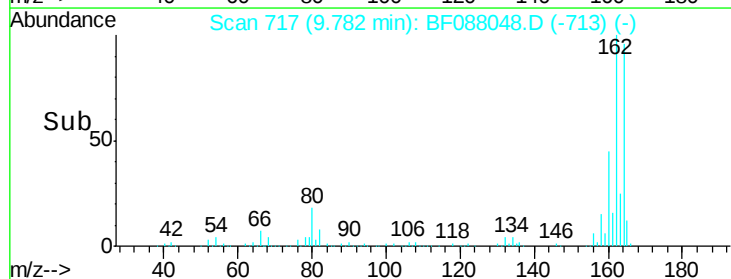
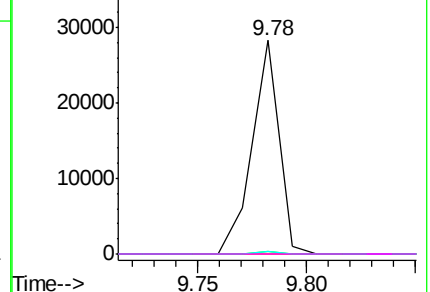


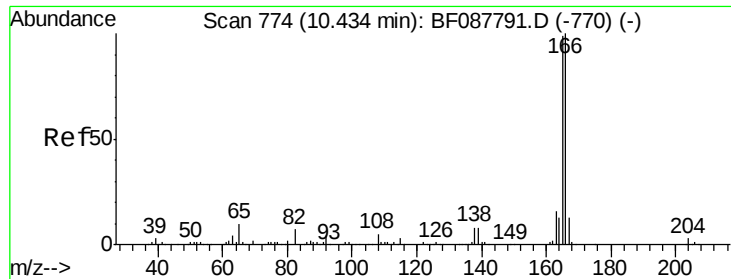
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.33 min Scan# 765

Delta R.T. -0.06 min

Lab File: BF088048.D

Acq: 15 Jun 2016 22:05

Instrument :

BNA_F

ClientSampleId :

S6-B3(7-15)C

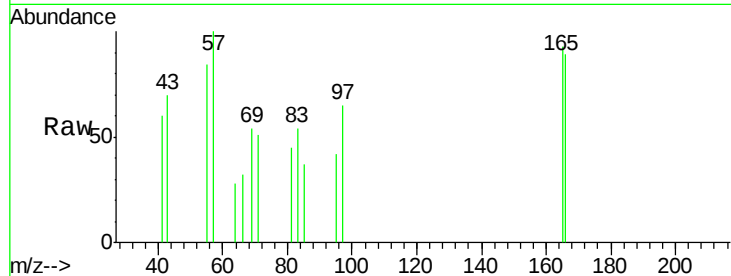
Tgt Ion:166 Resp: 1026

Ion Ratio Lower Upper

166 100

165 104.4 77.8 116.8

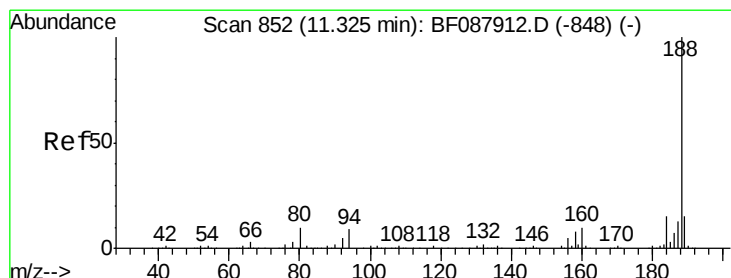
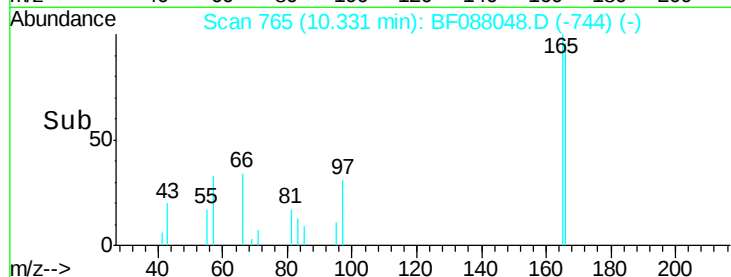
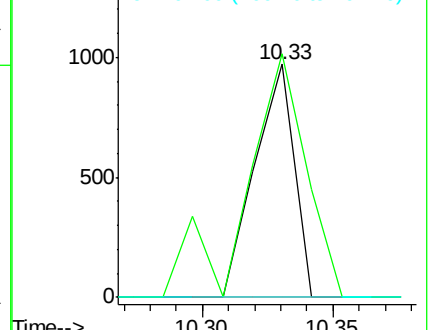
167 0.0 11.2 16.8#



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: BF088048.D

Acq: 15 Jun 2016 22:05

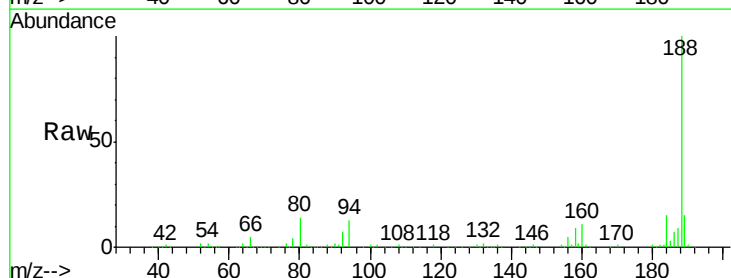
Tgt Ion:188 Resp: 276351

Ion Ratio Lower Upper

188 100

94 12.8 9.0 13.6

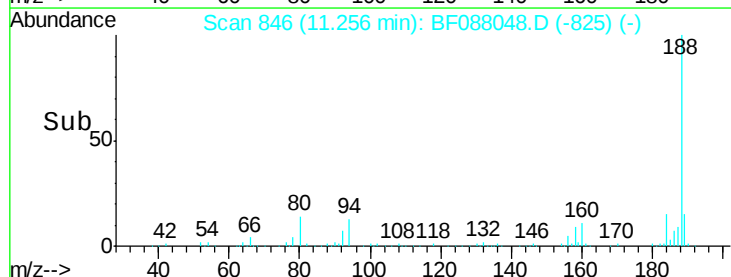
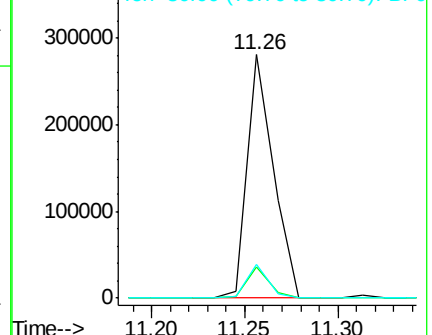
80 13.6 10.0 15.0

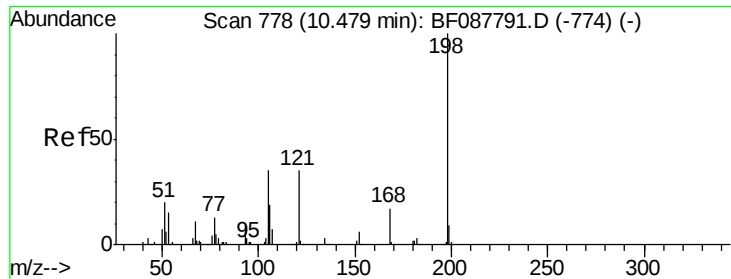


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.32 ng

RT: 10.57 min Scan# 786

Delta R.T. 0.14 min

Lab File: BF088048.D

Acq: 15 Jun 2016 22:05

Instrument :

BNA_F

ClientSampleId :

S6-B3(7-15)C

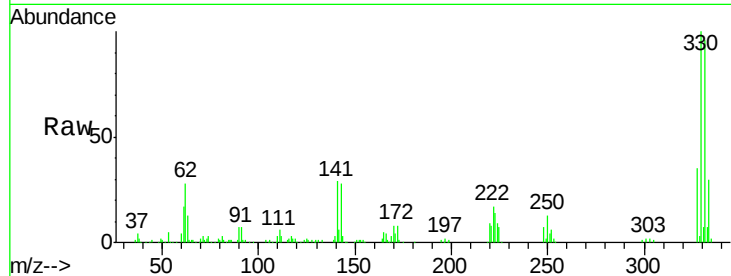
Tgt Ion:198 Resp: 277

Ion Ratio Lower Upper

198 100

51 76.7 39.6 79.6

105 155.9 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

800

600

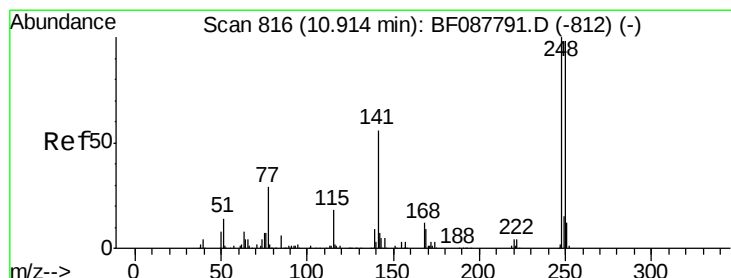
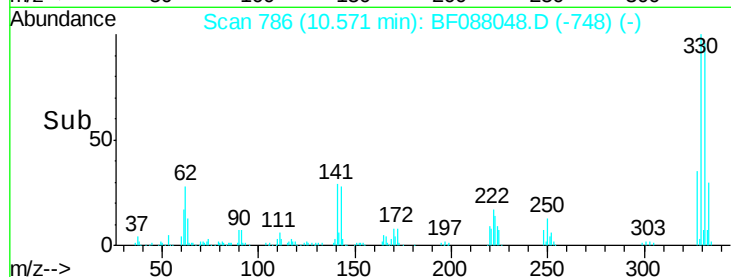
400

200

0

10.55 10.57 10.60

Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.33 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.30 min

Lab File: BF088048.D

Acq: 15 Jun 2016 22:05

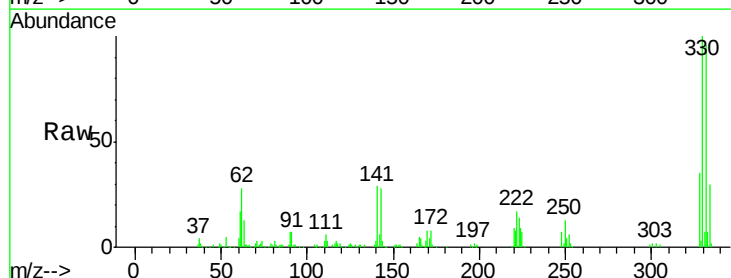
Tgt Ion:248 Resp: 9885

Ion Ratio Lower Upper

248 100

250 198.6 77.1 115.7#

141 438.6 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

60000

50000

40000

30000

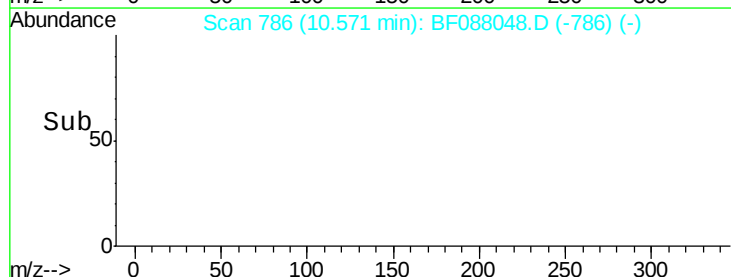
20000

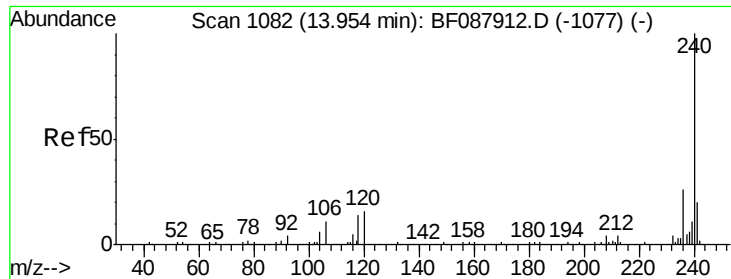
10000

0

10.55 10.57 10.60

Time-->

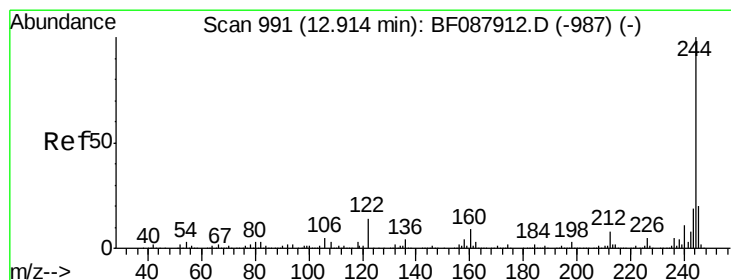
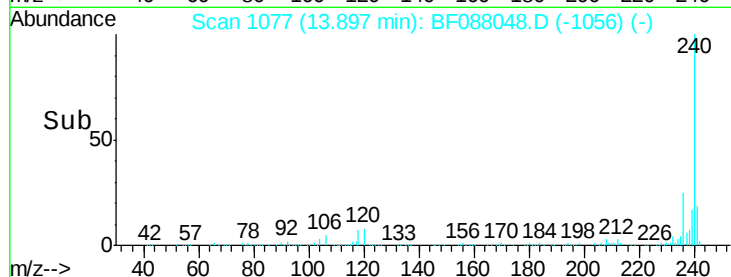
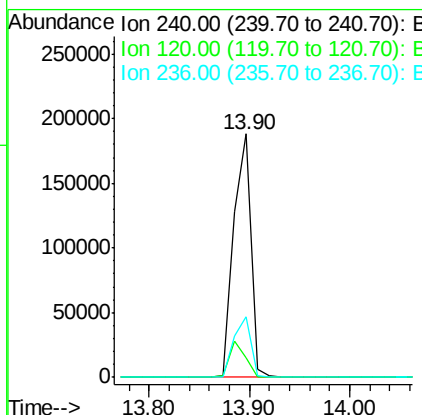
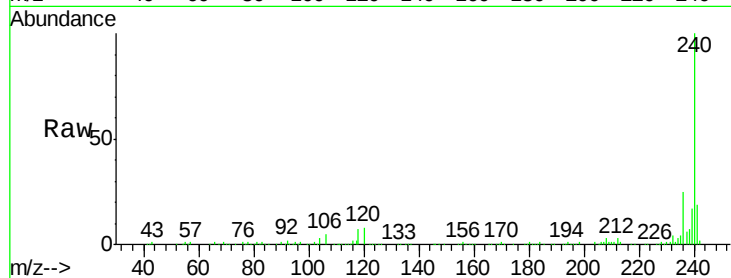




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.06 min
Lab File: BF088048.D
Acq: 15 Jun 2016 22:05

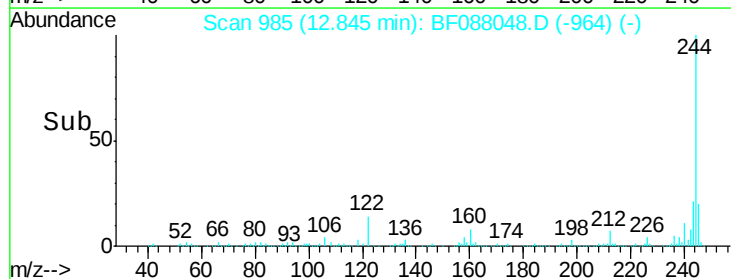
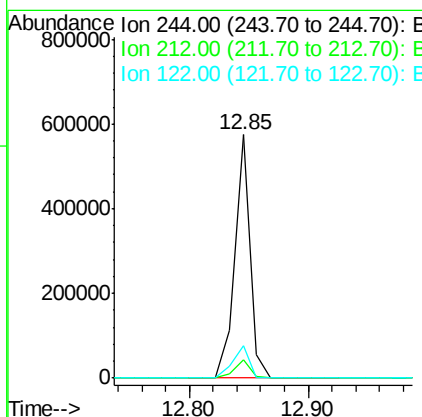
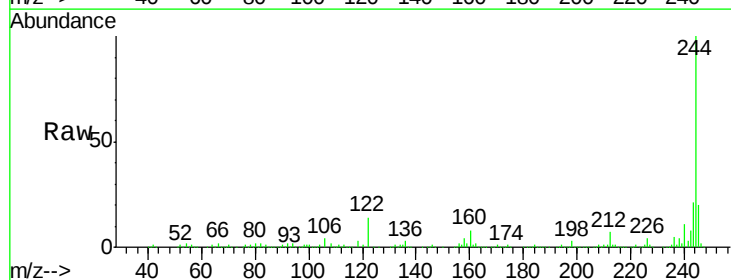
Instrument :
BNA_F
ClientSampleId :
S6-B3(7-15)C

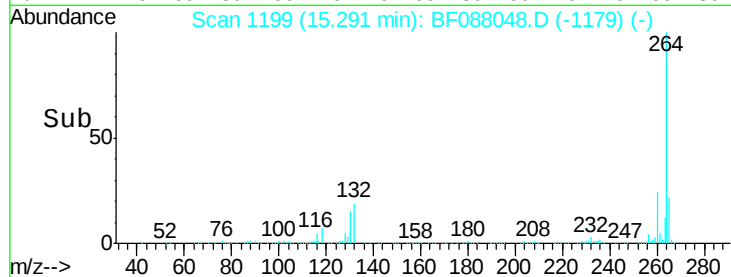
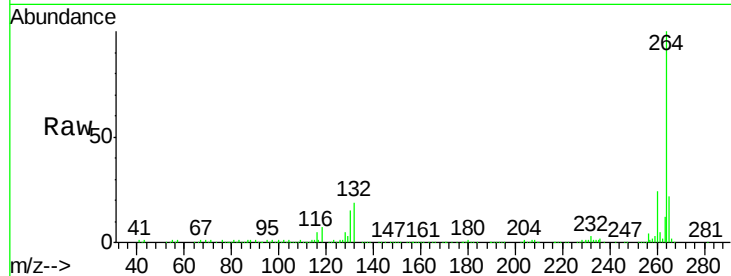
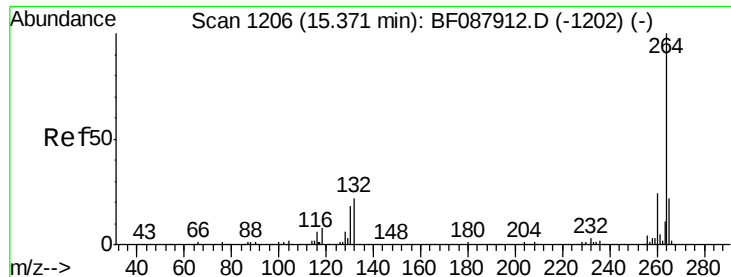
Tgt Ion:240 Resp: 224038
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 25.1 20.2 30.2



#78
Terphenyl-d14
Concen: 52.09 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.06 min
Lab File: BF088048.D
Acq: 15 Jun 2016 22:05

Tgt Ion:244 Resp: 512850
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 13.5 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: BF088048.D

Acq: 15 Jun 2016 22:05

Instrument :

BNA_F

ClientSampleId :

S6-B3(7-15)C

Tgt Ion:264 Resp: 221874

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.6 16.9 25.3

