

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
 Data File : BF088457.D
 Acq On : 27 Jun 2016 18:00
 Operator : UM/SJ
 Sample : H3747-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D9-B2(0-11)C

Quant Time: Jun 28 04:51:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 19:14:18 2016
 Response via : Initial Calibration

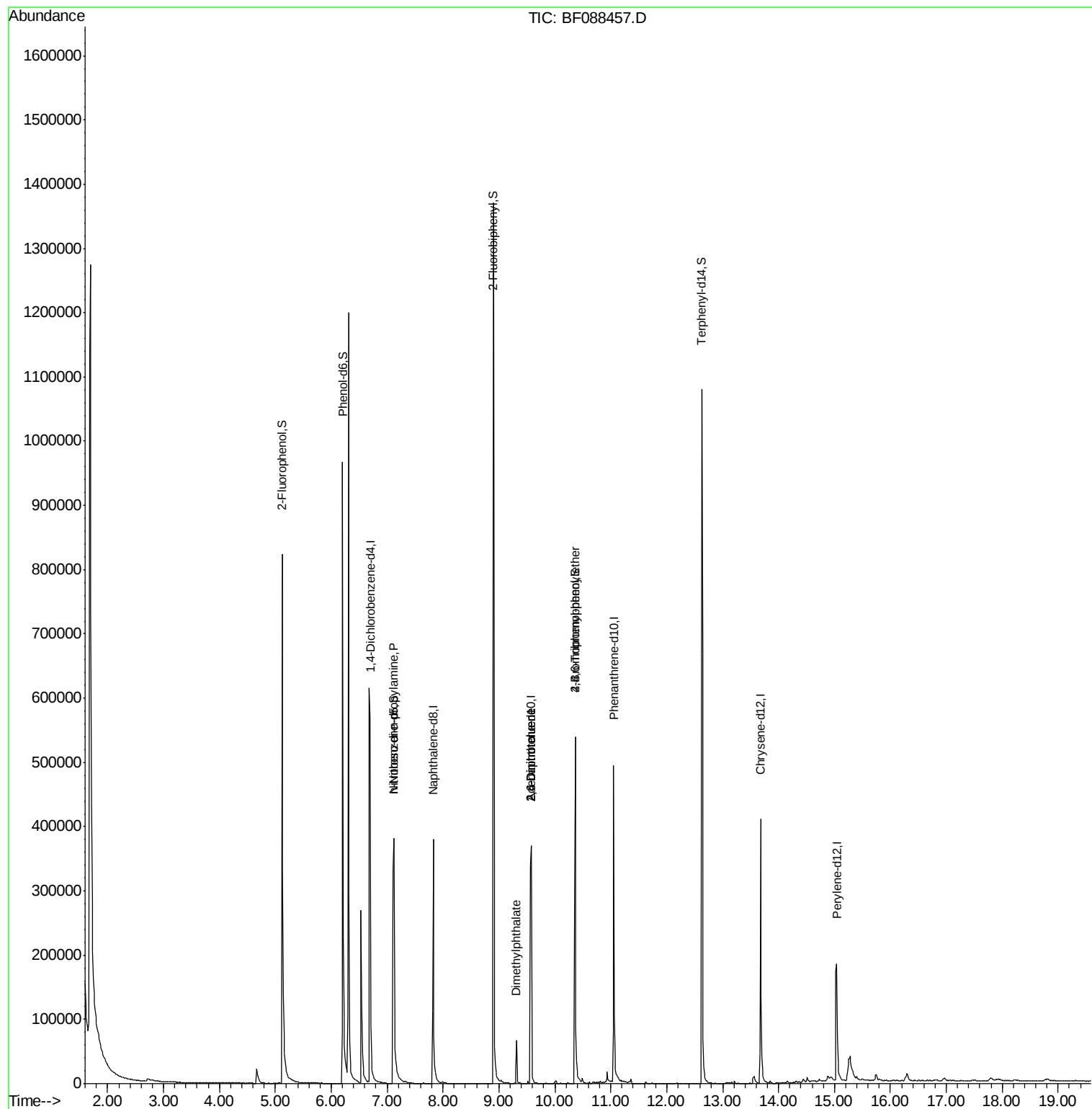
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	170544	20.00	ng	0.15
21) Naphthalene-d8	7.83	136	255041	20.00	ng	-0.01
38) Acenaphthene-d10	9.58	164	119545	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	227482	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	179440	20.00	ng	-0.01
86) Perylene-d12	15.04	264	127033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	369157	37.00	ng	-0.01
7) Phenol-d6	6.20	99	448303	37.08	ng	-0.03
23) Nitrobenzene-d5	7.12	82	265295	60.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	97152	76.97	ng	-0.01
44) 2-Fluorobiphenyl	8.90	172	508617	65.57	ng	-0.02
78) Terphenyl-d14	12.63	244	471446	59.79	ng	-0.01
Target Compounds						
10) Phenol	6.31	94	570	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	33365	4.31 ng	#	67
45) 1,1'-Biphenyl	8.90	154	699	Below Cal	#	1
49) Dimethylphthalate	9.31	163	38734	4.47 ng		99
50) 2,6-Dinitrotoluene	9.58	165	14618	7.37 ng	#	37
56) 2,4-Dinitrotoluene	9.58	165	14618	5.74 ng	#	36
57) Fluorene	10.36	166	4349	Below Cal	#	88
66) 4-Bromophenyl-phenylether	10.36	248	5808	2.38 ng	#	1

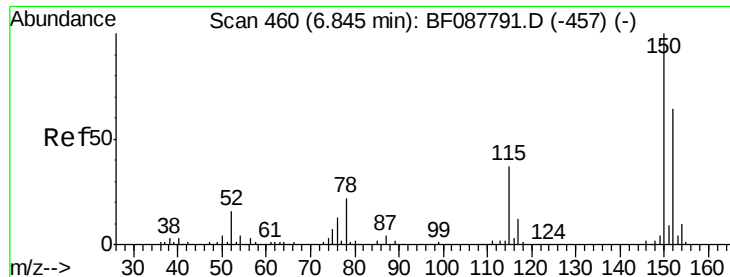
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
Data File : BF088457.D
Acq On : 27 Jun 2016 18:00
Operator : UM/SJ
Sample : H3747-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D9-B2(0-11)C

Quant Time: Jun 28 04:51:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 19:14:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.15 min

Lab File: BF088457.D

Acq: 27 Jun 2016 18:00

Instrument :

BNA_F

ClientSampleId :

D9-B2(0-11)C

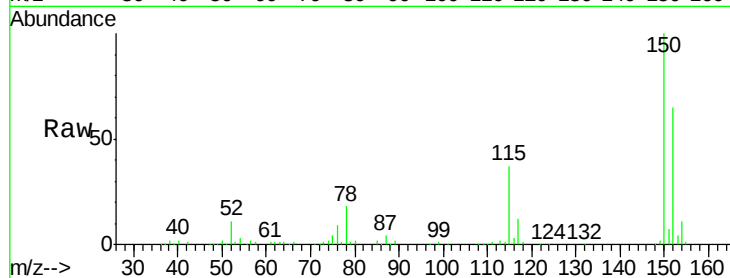
Tgt Ion:152 Resp: 170544

Ion Ratio Lower Upper

152 100

150 154.3 123.8 185.6

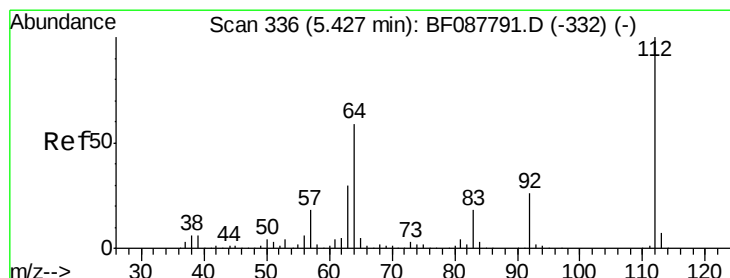
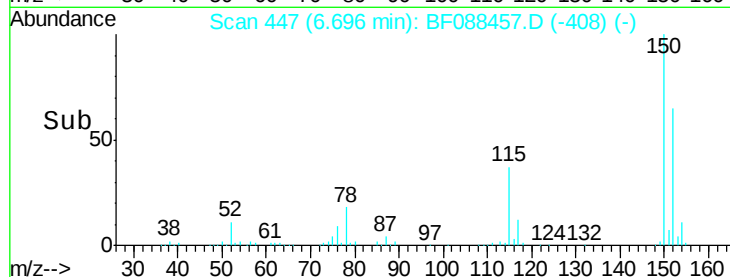
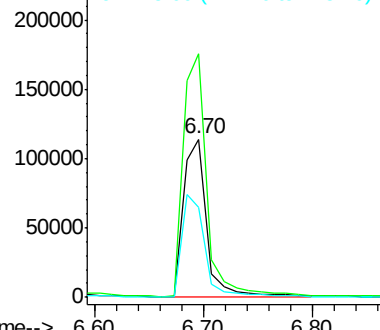
115 56.7 39.6 59.4



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: 37.00 ng

RT: 5.12 min Scan# 309

Delta R.T. -0.01 min

Lab File: BF088457.D

Acq: 27 Jun 2016 18:00

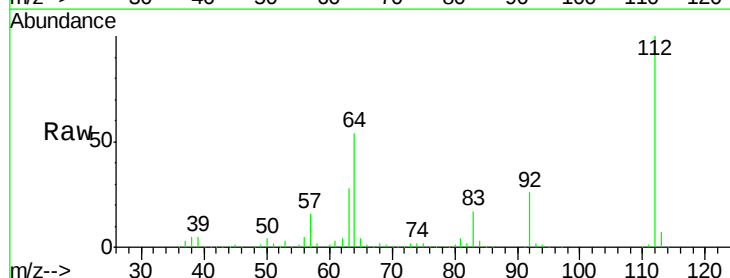
Tgt Ion:112 Resp: 369157

Ion Ratio Lower Upper

112 100

64 54.2 42.2 63.2

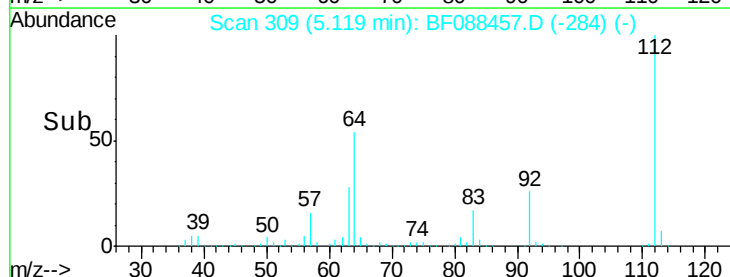
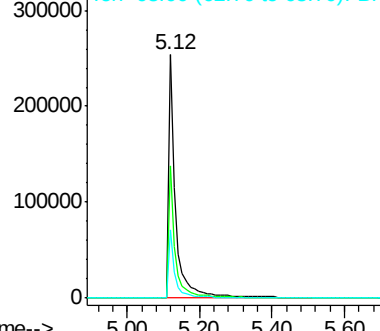
63 27.9 21.8 32.8



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: 37.08 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF088457.D

Acq: 27 Jun 2016 18:00

Instrument :

BNA_F

ClientSampleId :

D9-B2(0-11)C

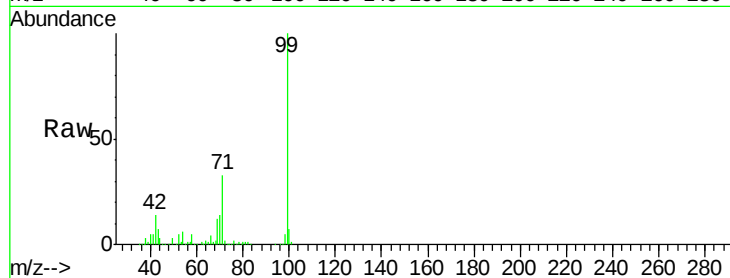
Tgt Ion: 99 Resp: 448303

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.2

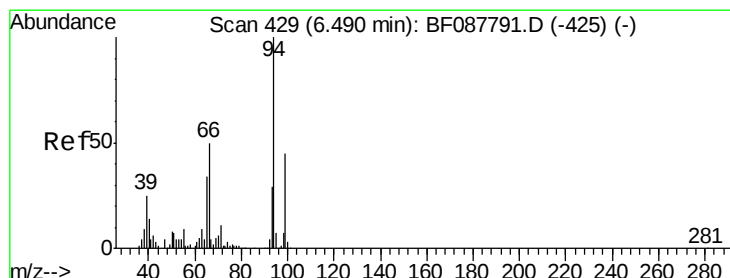
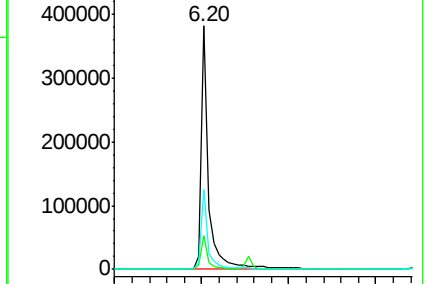
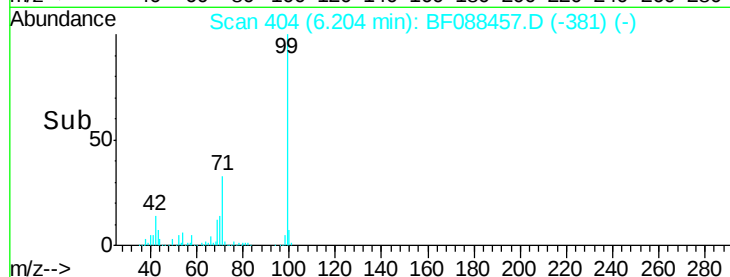
71 33.0 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: Below Cal

RT: 6.31 min Scan# 413

Delta R.T. 0.06 min

Lab File: BF088457.D

Acq: 27 Jun 2016 18:00

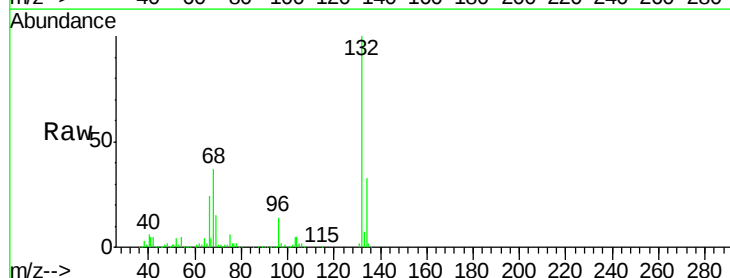
Tgt Ion: 94 Resp: 570

Ion Ratio Lower Upper

94 100

65 847.3 5.9 45.9#

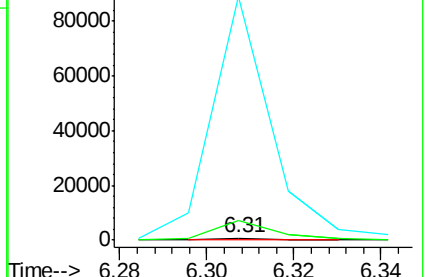
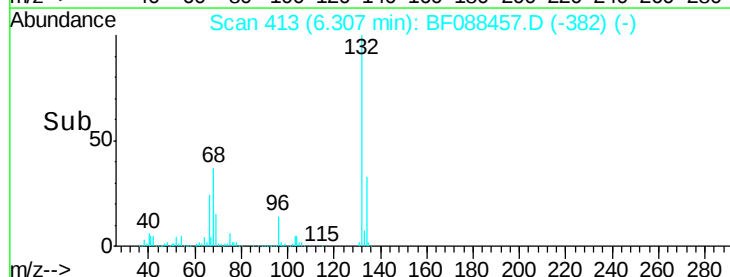
66 10715.8 14.0 54.0#

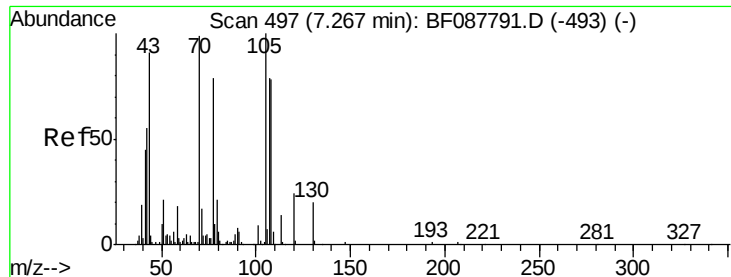


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

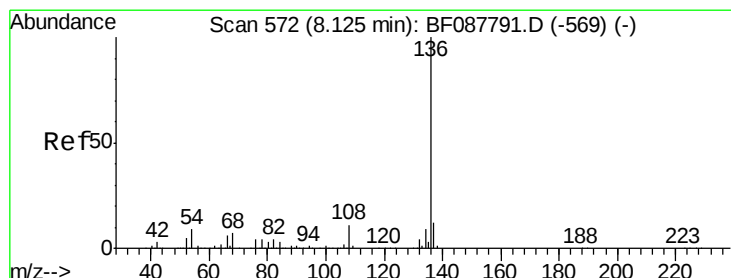
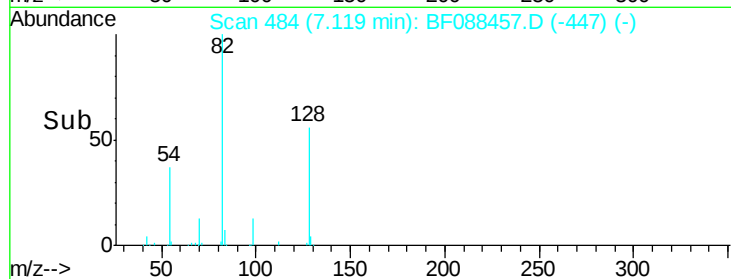
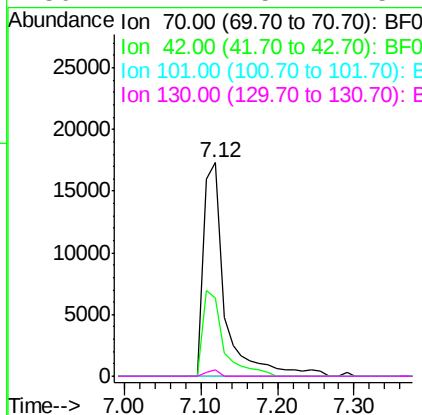
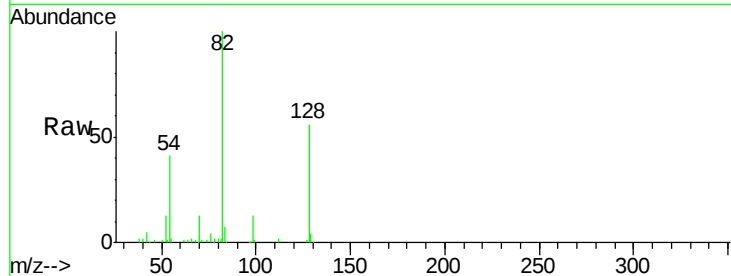




#19
n-Nitroso-di-n-propylamine
Concen: 4.31 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.13 min
Lab File: BF088457.D
Acq: 27 Jun 2016 18:00

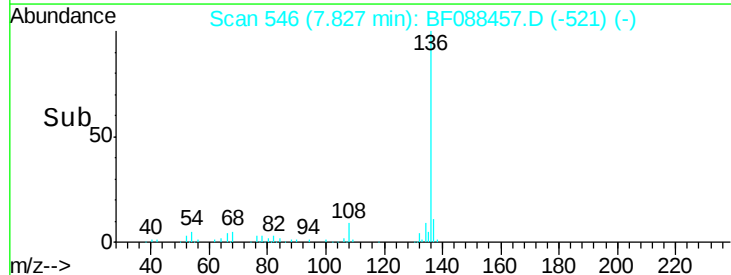
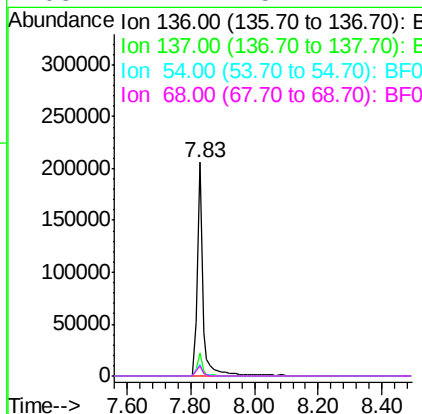
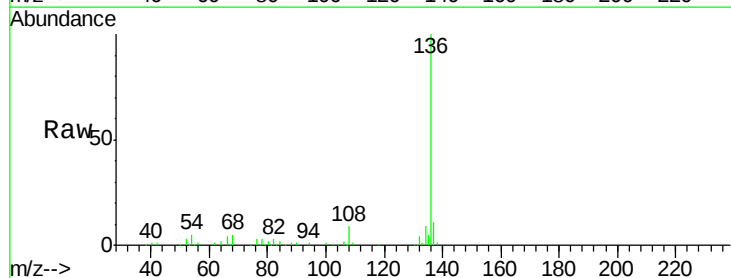
Instrument :
BNA_F
ClientSampleId :
D9-B2(0-11)C

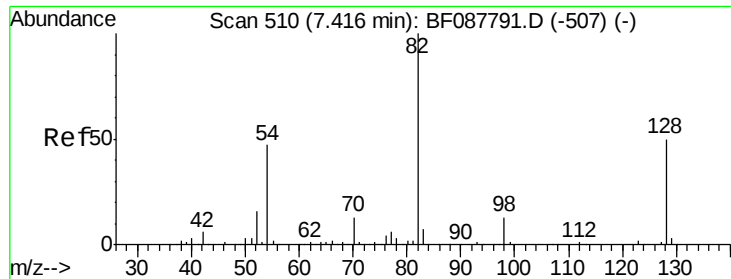
Tgt Ion: 70 Resp: 33365
Ion Ratio Lower Upper
70 100
42 36.6 49.6 74.4#
101 0.0 7.1 10.7#
130 2.7 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF088457.D
Acq: 27 Jun 2016 18:00

Tgt Ion: 136 Resp: 255041
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 5.4 6.6 10.0#
68 4.7 5.1 7.7#

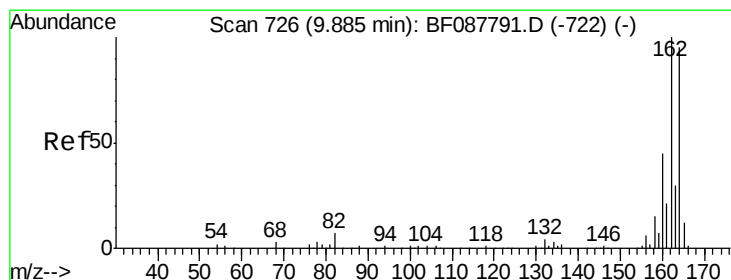
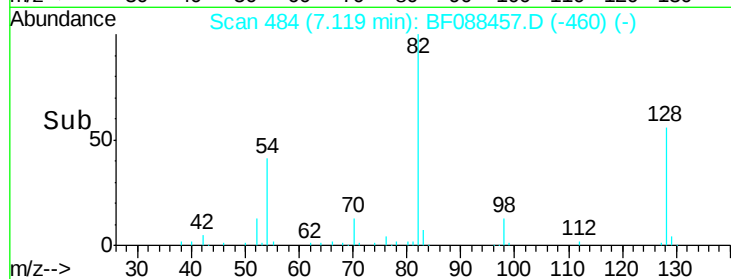
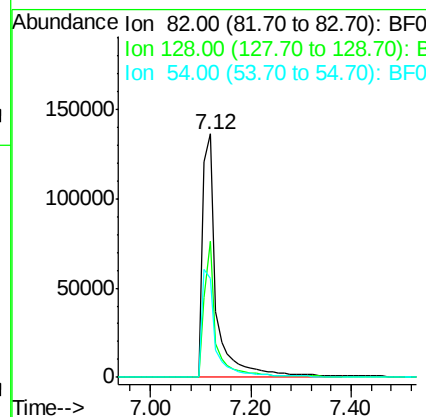
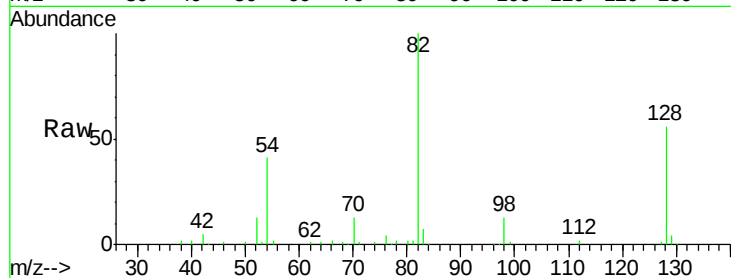




#23
 Nitrobenzene-d5
 Concen: 60.74 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF088457.D
 Acq: 27 Jun 2016 18:00

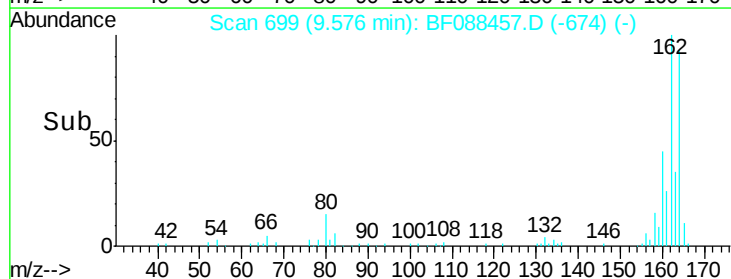
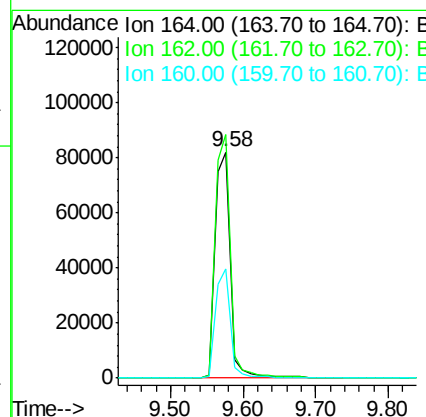
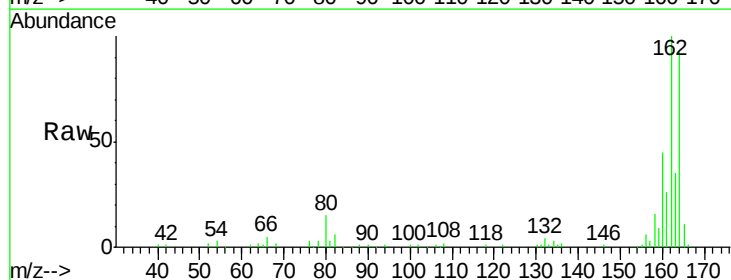
Instrument :
 BNA_F
 ClientSampleId :
 D9-B2(0-11)C

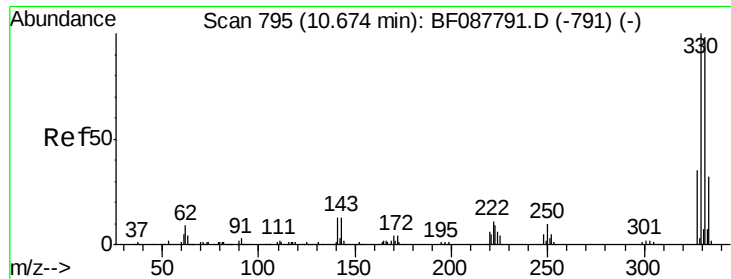
Tgt Ion: 82 Resp: 265295
 Ion Ratio Lower Upper
 82 100
 128 56.2 35.9 53.9#
 54 40.5 40.9 61.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF088457.D
 Acq: 27 Jun 2016 18:00

Tgt Ion: 164 Resp: 119545
 Ion Ratio Lower Upper
 164 100
 162 107.6 85.4 128.2
 160 48.3 39.5 59.3

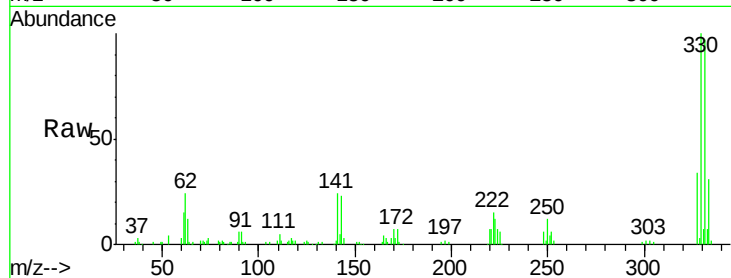




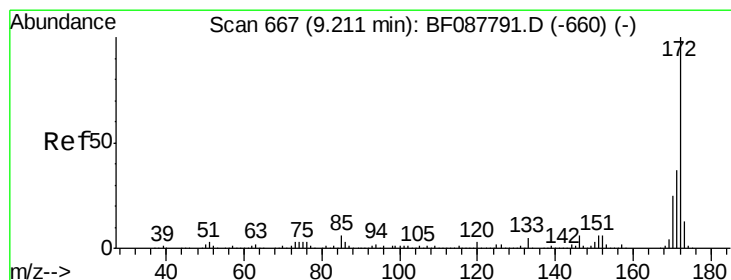
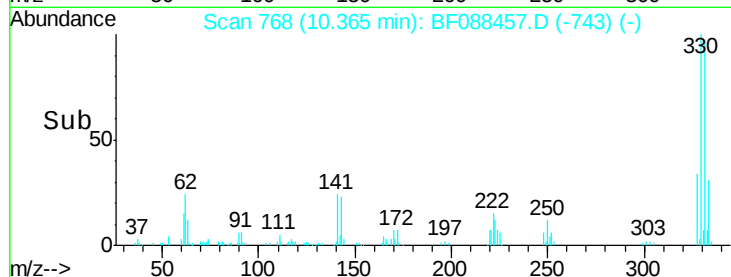
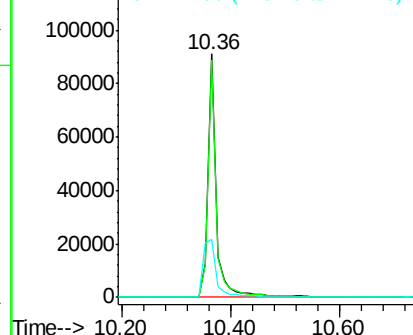
#41
 2,4,6-Tribromophenol
 Concen: 76.97 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF088457.D
 Acq: 27 Jun 2016 18:00

Instrument :
 BNA_F
 ClientSampleId :
 D9-B2(0-11)C

Tgt Ion:330 Resp: 97152
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 36.8 0.0 0.0#

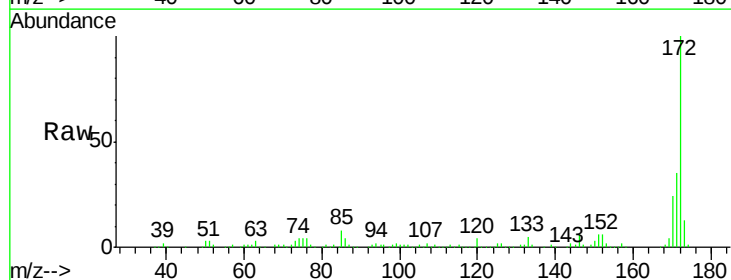


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

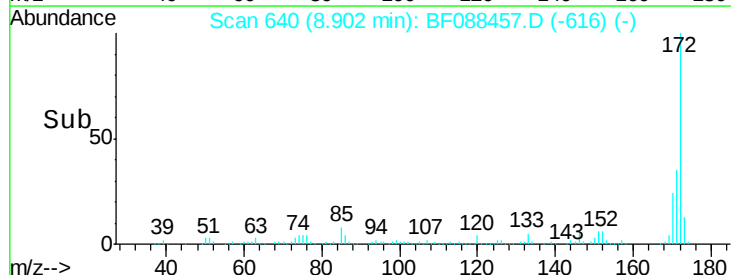
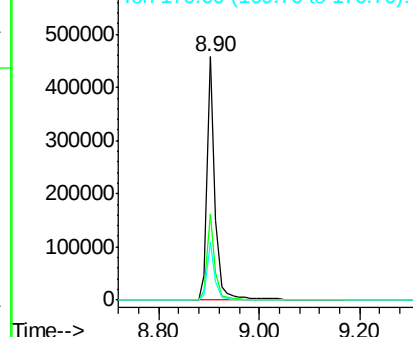


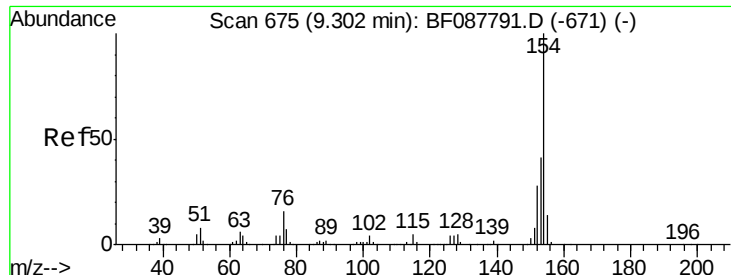
#44
 2-Fluorobiphenyl
 Concen: 65.57 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF088457.D
 Acq: 27 Jun 2016 18:00

Tgt Ion:172 Resp: 508617
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.8 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: 8.90 min Scan# 640

Delta R.T. -0.11 min

Lab File: BF088457.D

Acq: 27 Jun 2016 18:00

Instrument :

BNA_F

ClientSampleId :

D9-B2(0-11)C

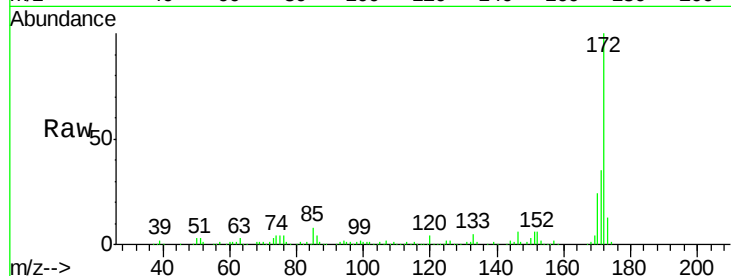
Tgt Ion:154 Resp: 699

Ion Ratio Lower Upper

154 100

153 882.1 20.6 60.6#

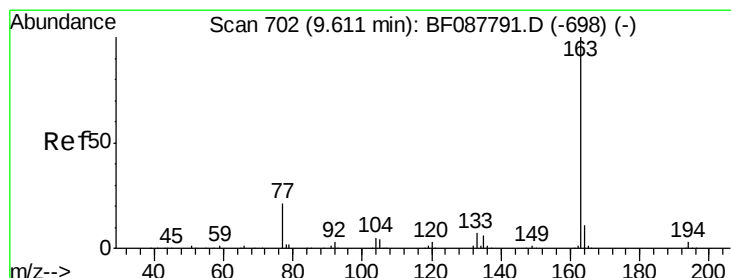
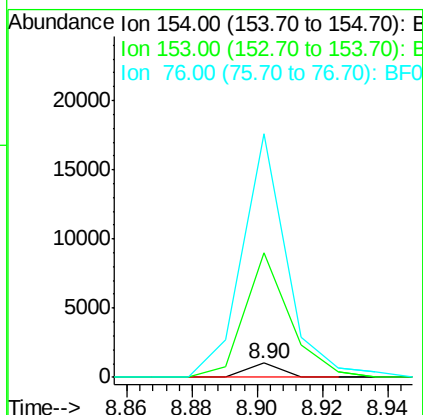
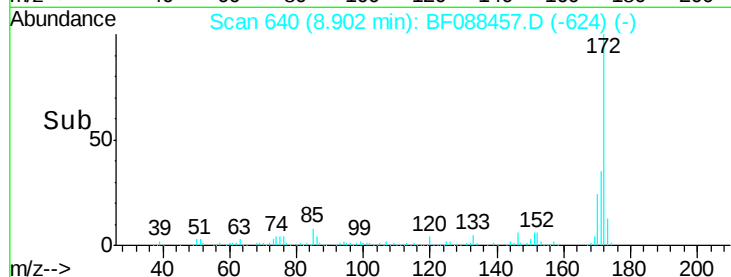
76 1726.4 0.0 35.1#



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: 4.47 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF088457.D

Acq: 27 Jun 2016 18:00

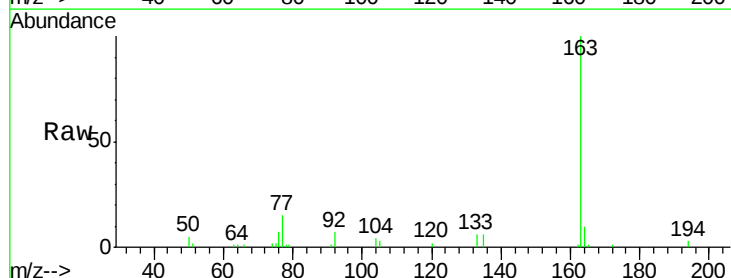
Tgt Ion:163 Resp: 38734

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

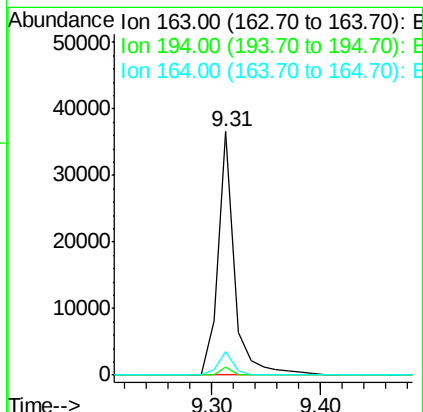
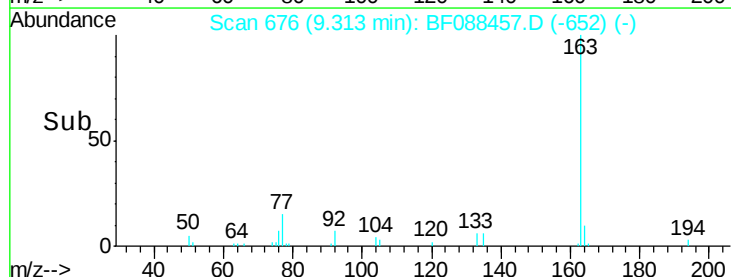
164 9.9 8.3 12.5

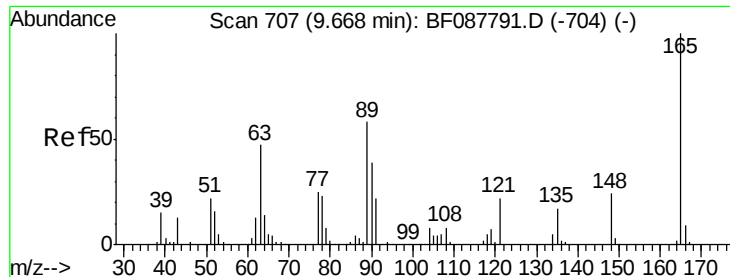


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

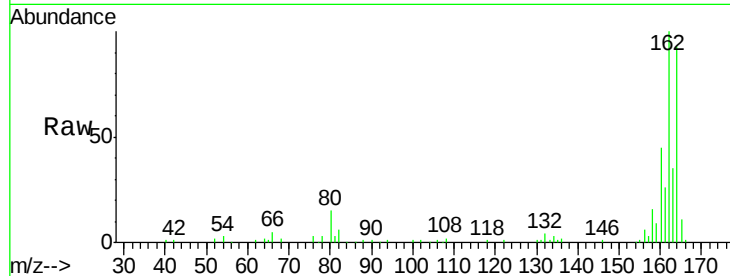




#50
 2,6-Dinitrotoluene
 Concen: 7.37 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.17 min
 Lab File: BF088457.D
 Acq: 27 Jun 2016 18:00

Instrument :
 BNA_F
 ClientSampleId :
 D9-B2(0-11)C

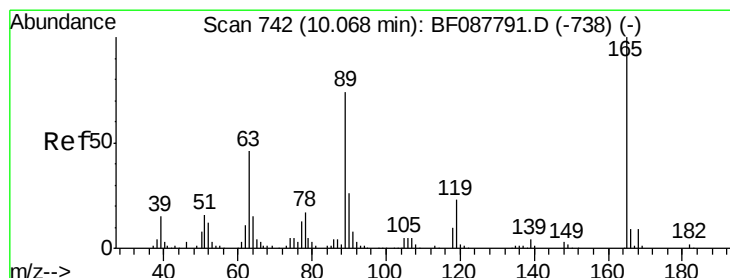
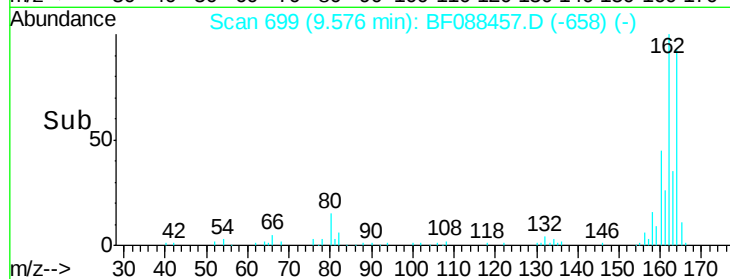
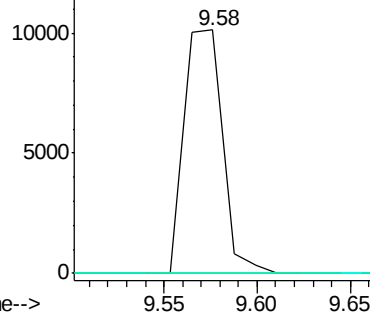
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

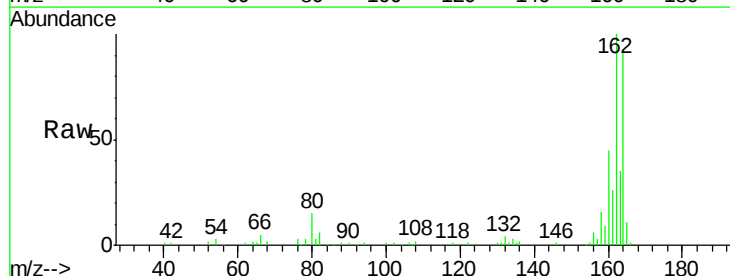
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.74 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.23 min
 Lab File: BF088457.D
 Acq: 27 Jun 2016 18:00

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

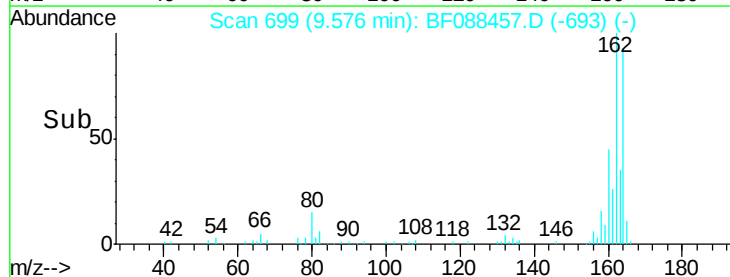
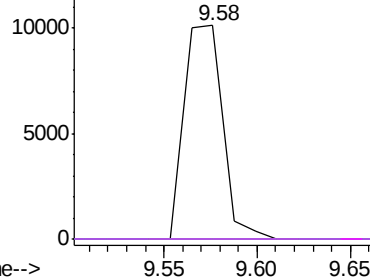


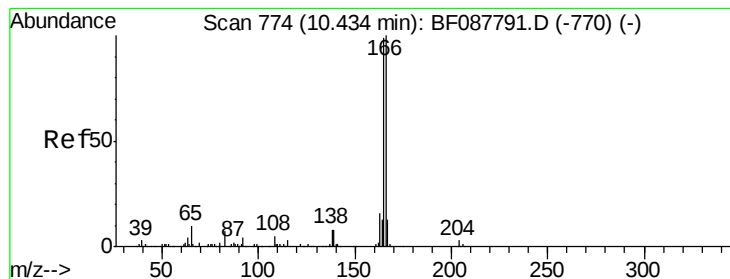
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.36 min Scan# 768

Delta R.T. 0.23 min

Lab File: BF088457.D

Acq: 27 Jun 2016 18:00

Instrument :

BNA_F

ClientSampleId :

D9-B2(0-11)C

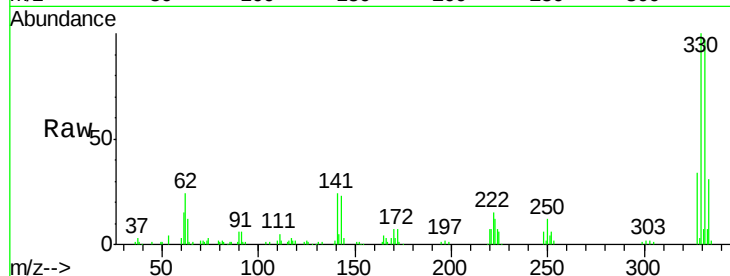
Tgt Ion:166 Resp: 4349

Ion Ratio Lower Upper

166 100

165 103.0 77.8 116.8

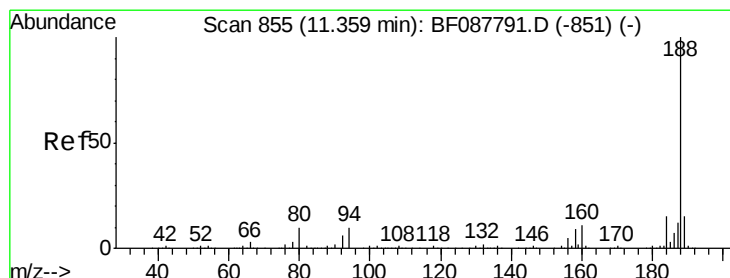
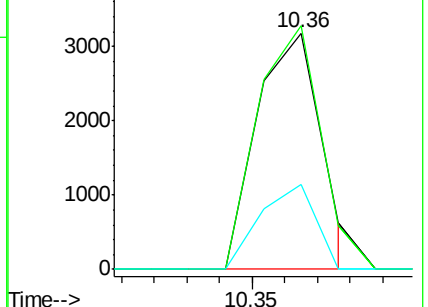
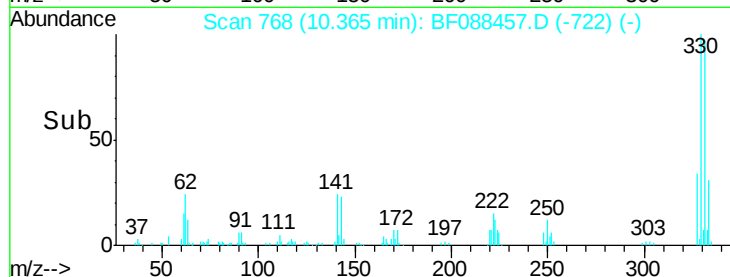
167 36.0 11.2 16.8#



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: 11.05 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF088457.D

Acq: 27 Jun 2016 18:00

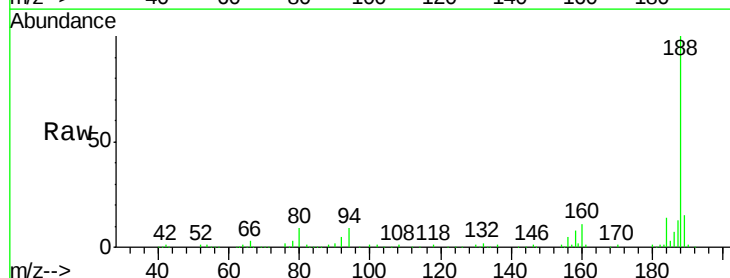
Tgt Ion:188 Resp: 227482

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.6#

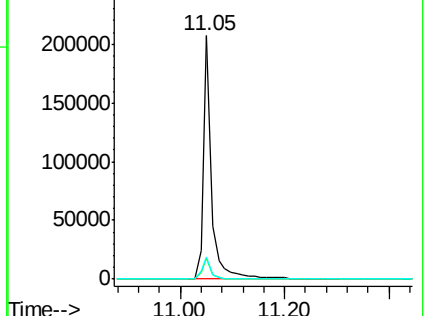
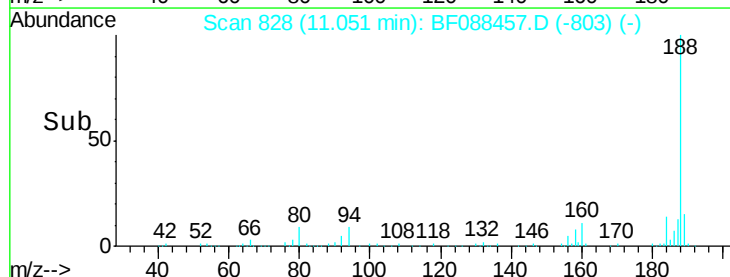
80 9.0 10.0 15.0#

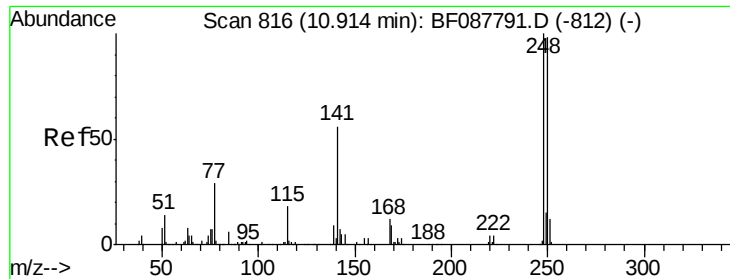


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

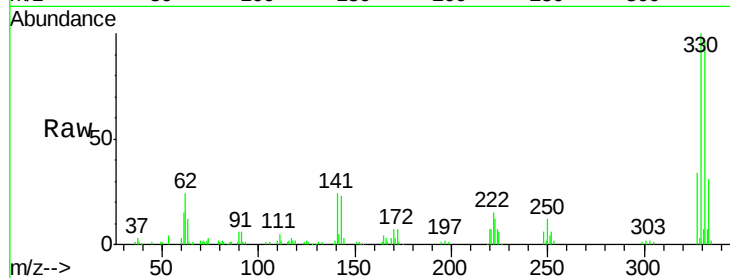




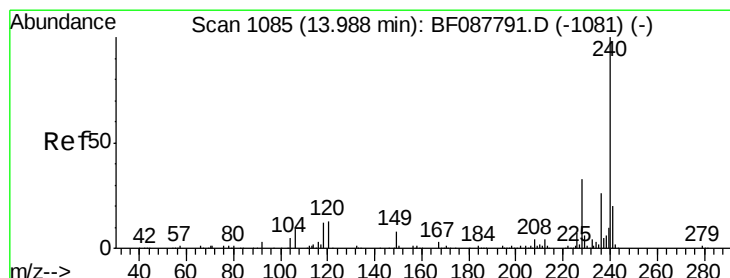
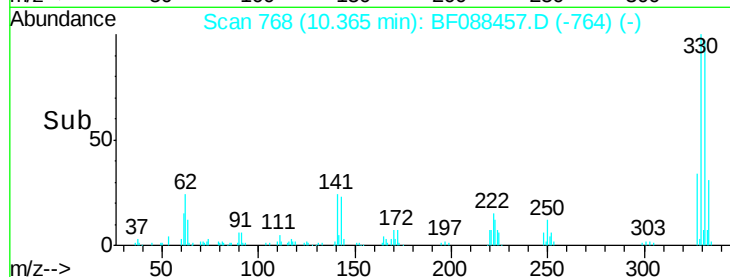
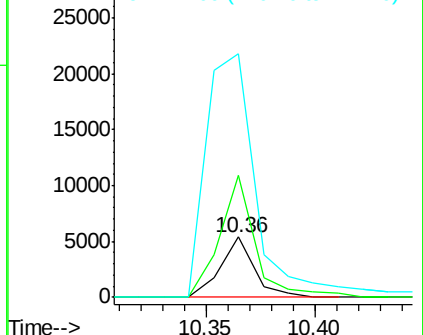
#66
4-Bromophenyl-phenylether
Concen: 2.38 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.25 min
Lab File: BF088457.D
Acq: 27 Jun 2016 18:00

Instrument :
BNA_F
ClientSampleId :
D9-B2(0-11)C

Tgt Ion:248 Resp: 5808
Ion Ratio Lower Upper
248 100
250 203.3 77.1 115.7#
141 404.9 50.6 76.0#

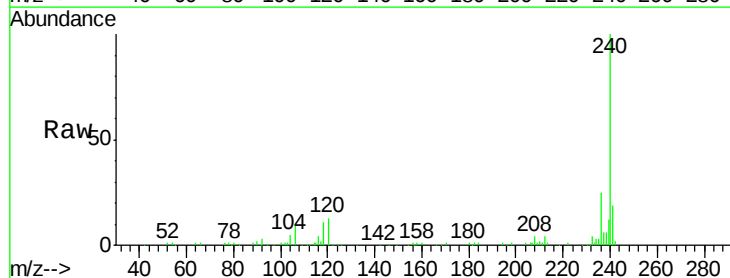


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

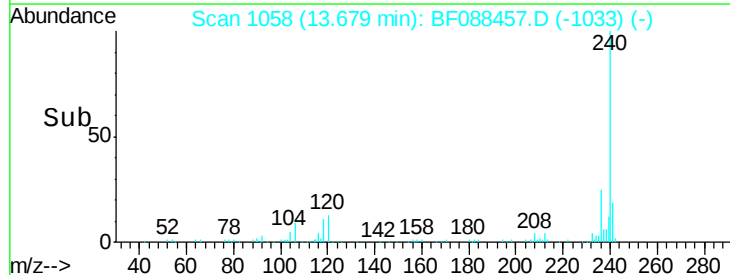
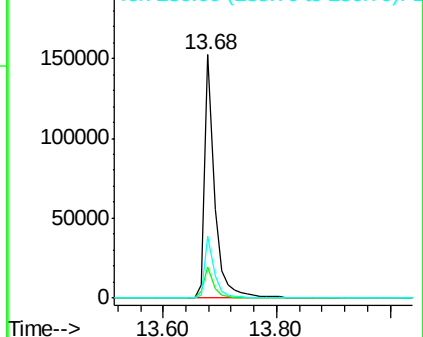


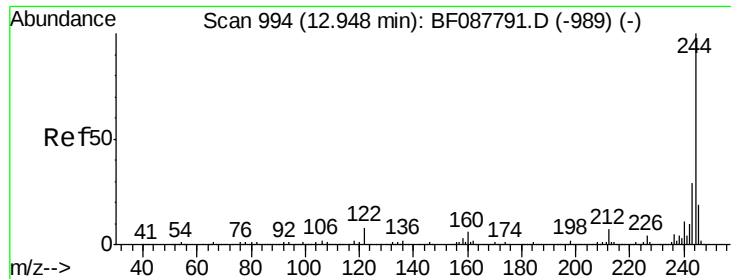
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF088457.D
Acq: 27 Jun 2016 18:00

Tgt Ion:240 Resp: 179440
Ion Ratio Lower Upper
240 100
120 13.0 6.8 10.2#
236 25.3 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

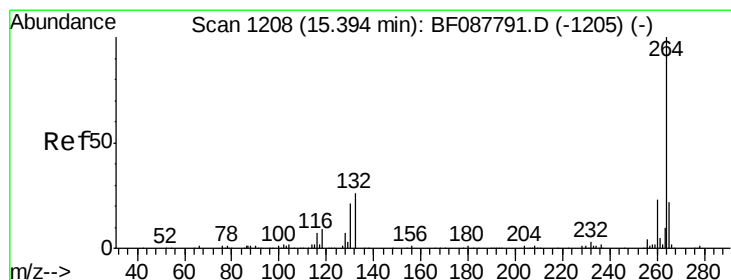
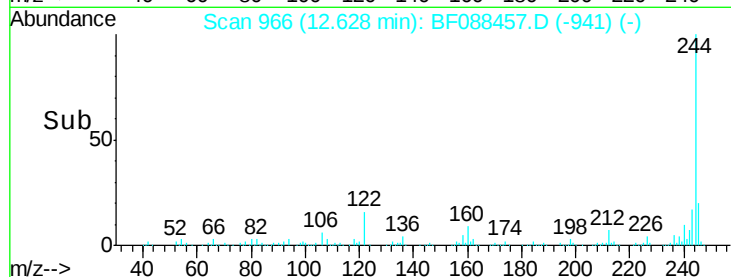
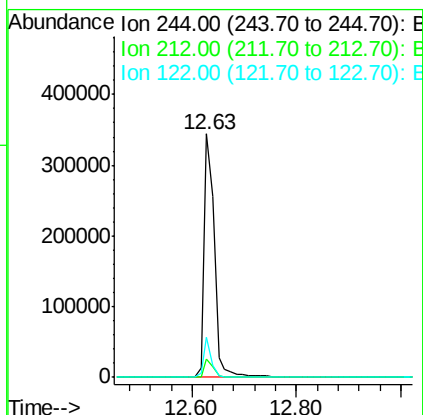
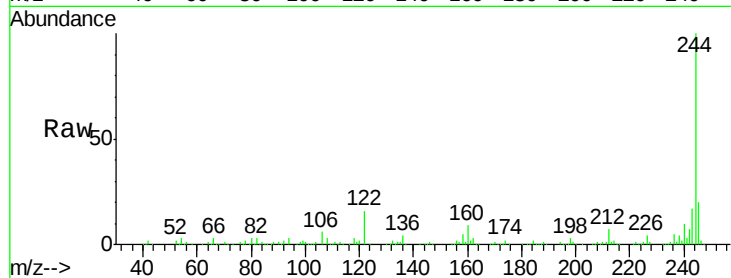




#78
 Terphenyl-d14
 Concen: 59.79 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF088457.D
 Acq: 27 Jun 2016 18:00

Instrument :
 BNA_F
 ClientSampleId :
 D9-B2(0-11)C

Tgt Ion:244 Resp: 471446
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 16.2 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF088457.D
 Acq: 27 Jun 2016 18:00

Tgt Ion:264 Resp: 127033
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.1 16.9 25.3

