

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088268.D
 Acq On : 23 Jun 2016 00:10
 Operator : UM/SJ
 Sample : H3660-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 02:29:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	78504	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	325374	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	141867	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	221185	20.00	ng	0.00
75) Chrysene-d12	13.75	240	166149	20.00	ng	0.00
86) Perylene-d12	15.11	264	156680	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	440741	95.98	ng	0.01
7) Phenol-d6	6.26	99	503823	90.53	ng	0.00
23) Nitrobenzene-d5	7.18	82	341794	61.34	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	107260	71.60	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	624377	68.03	ng	0.00
78) Terphenyl-d14	12.70	244	417107	57.13	ng	0.00

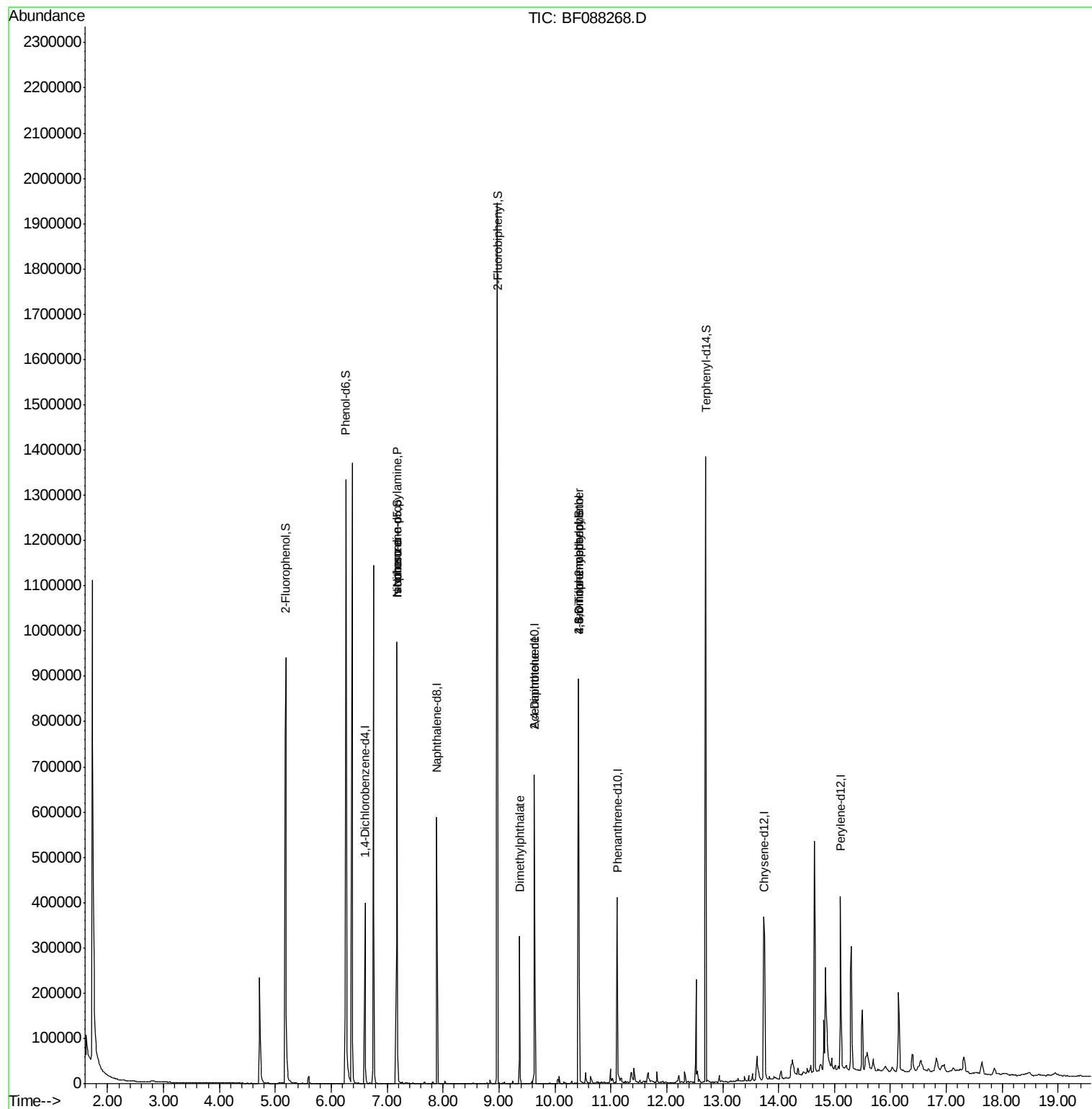
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.27	94	1224	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.18	70	43919	12.34	ng	68
25) Isophorone	7.18	82	341819	33.12	ng	65
45) 1,1'-Biphenyl	8.97	154	1155	Below Cal	#	1
49) Dimethylphthalate	9.37	163	137084	13.34	ng	99
56) 2,4-Dinitrotoluene	9.63	165	17934	5.93	ng	37
57) Fluorene	10.42	166	5515	Below Cal	#	90
64) 4,6-Dinitro-2-methylphenol	10.42	198	208	2.31	ng	1
66) 4-Bromophenyl-phenylether	10.42	248	6619	2.79	ng	1

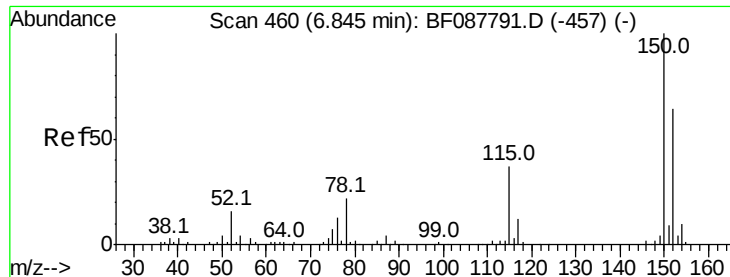
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088268.D
Acq On : 23 Jun 2016 00:10
Operator : UM/SJ
Sample : H3660-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 23 02:29:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration



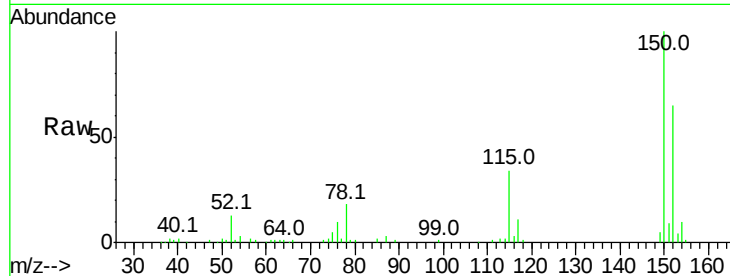


#1

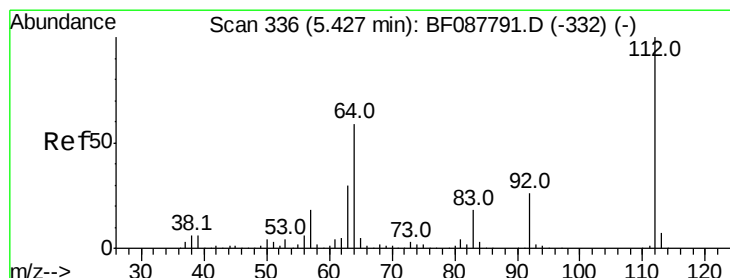
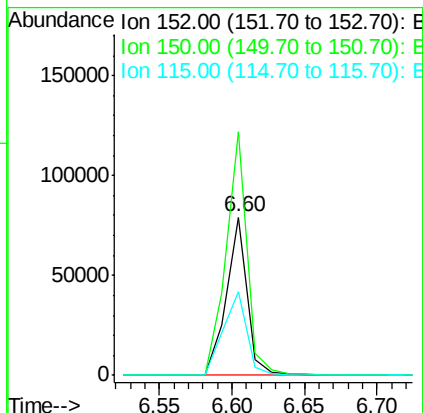
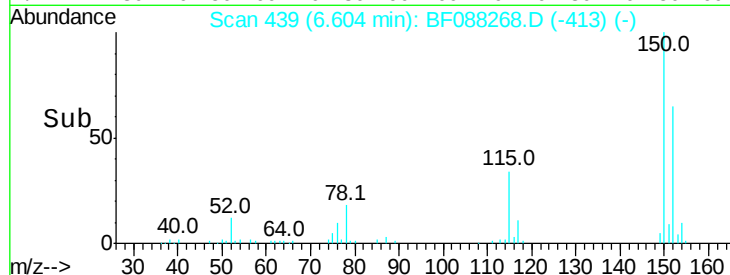
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF088268.D
 Acq: 23 Jun 2016 00:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 78504
 Ion Ratio Lower Upper
 152 100
 150 154.0 123.8 185.6
 115 52.7 39.6 59.4



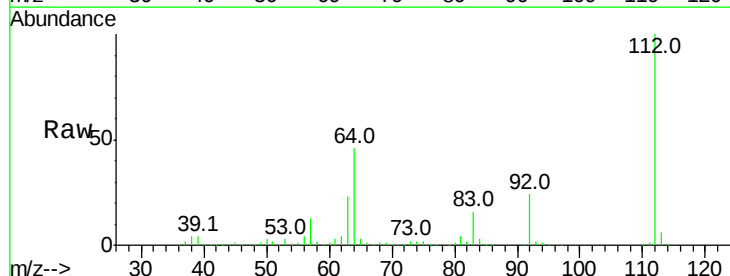
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



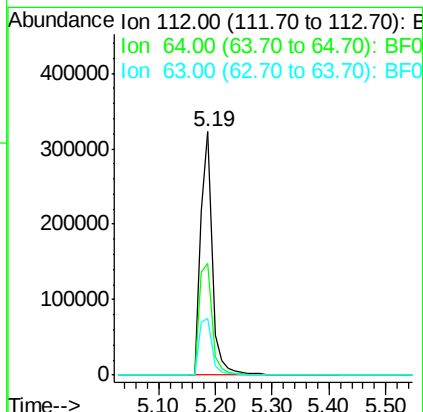
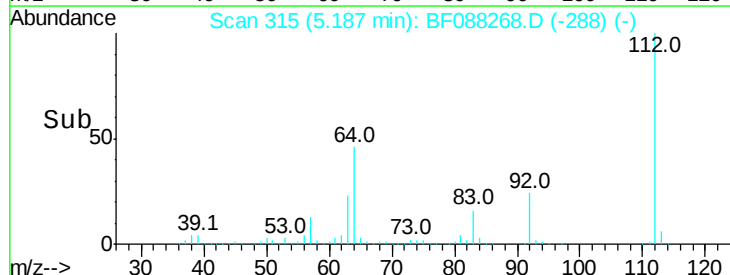
#5

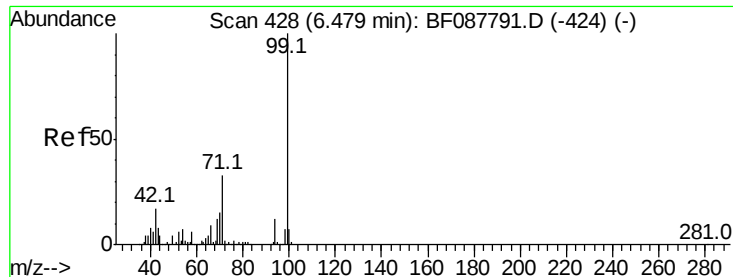
2-Fluorophenol
 Concen: 95.98 ng
 RT: 5.19 min Scan# 315
 Delta R.T. 0.01 min
 Lab File: BF088268.D
 Acq: 23 Jun 2016 00:10

Tgt Ion:112 Resp: 440741
 Ion Ratio Lower Upper
 112 100
 64 46.1 42.2 63.2
 63 23.2 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: 90.53 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088268.D

Acq: 23 Jun 2016 00:10

Instrument :

BNA_F

ClientSampleId :

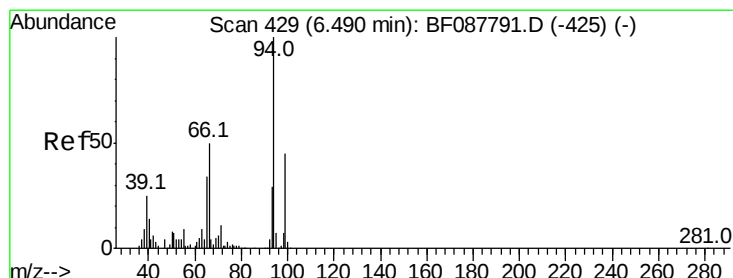
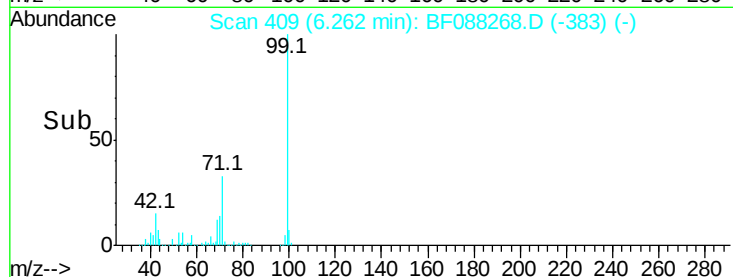
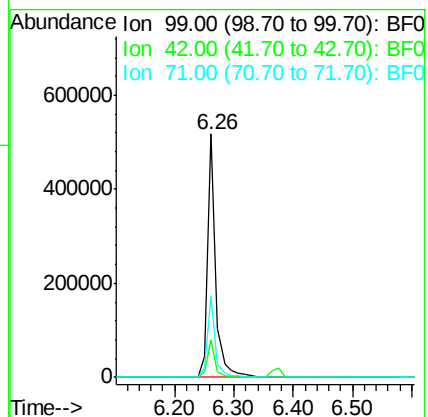
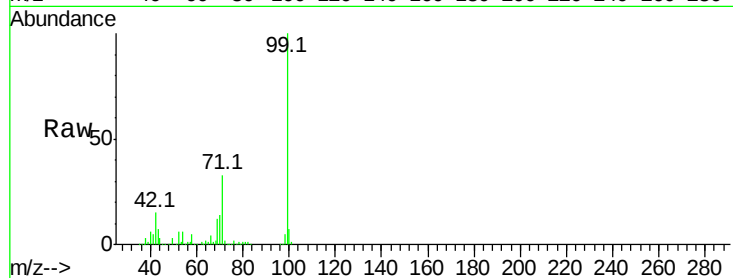
Tot Ion: 99 Resp: 503823

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

71 33.3 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF088268.D

Acq: 23 Jun 2016 00:10

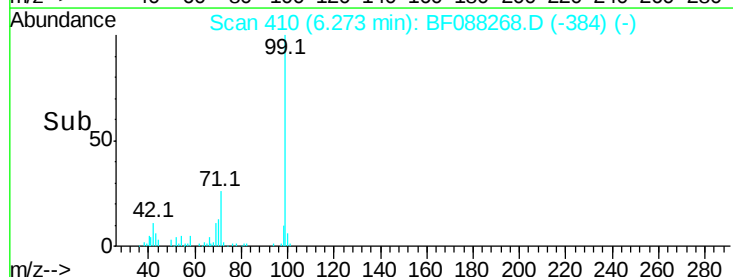
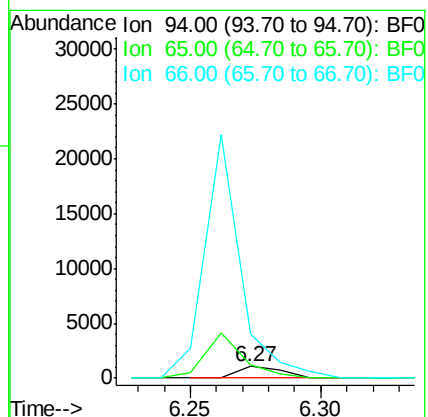
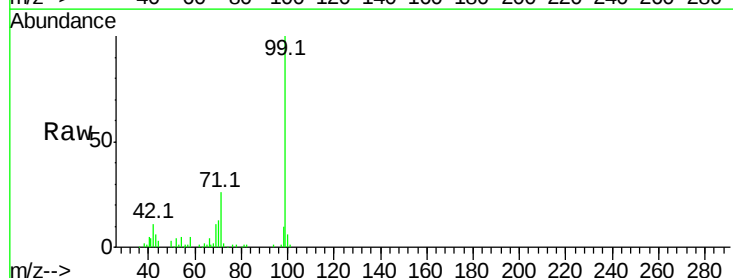
Tgt Ion: 94 Resp: 1224

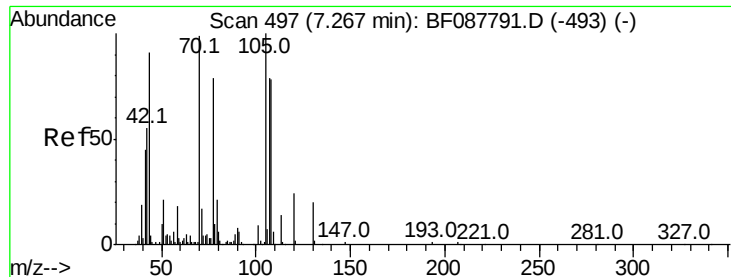
Ion Ratio Lower Upper

94 100

65 113.5 5.9 45.9#

66 388.2 14.0 54.0#

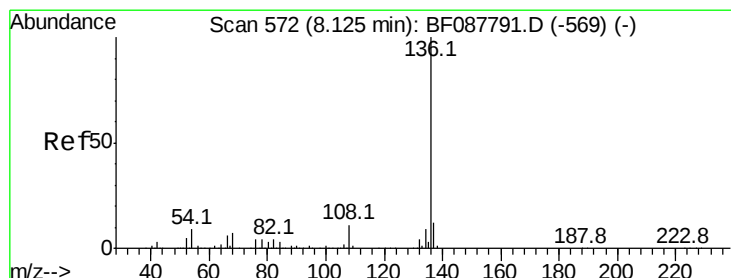
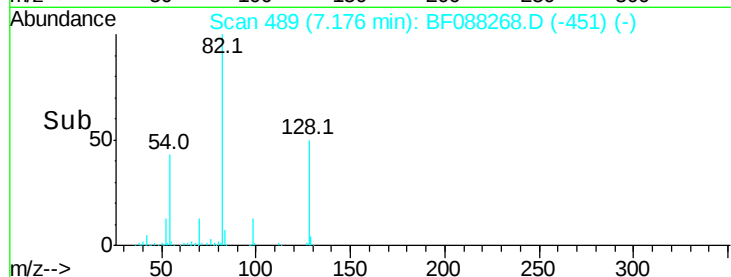
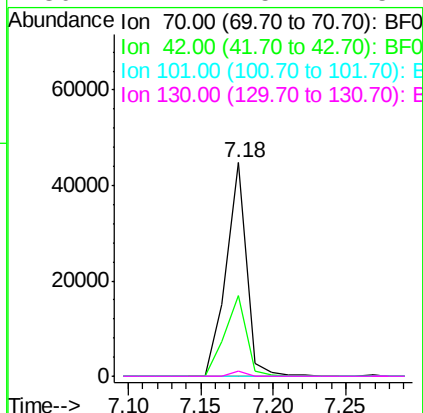
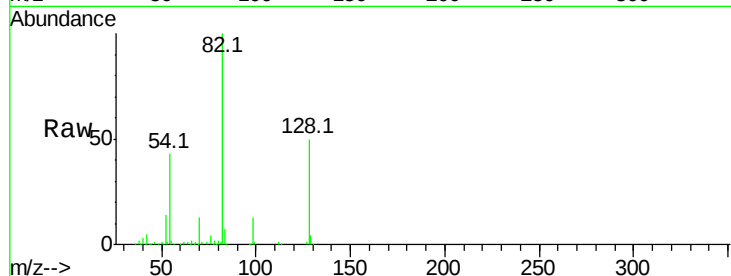




#19
n-Nitroso-di-n-propylamine
Concen: 12.34 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.14 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

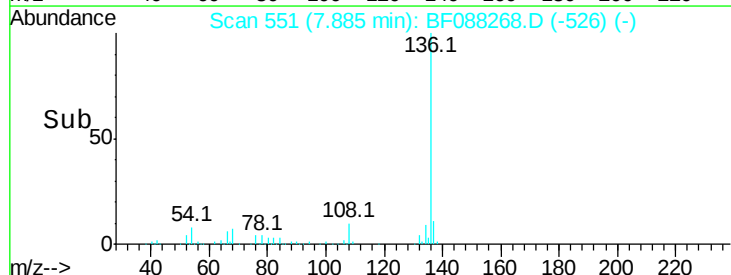
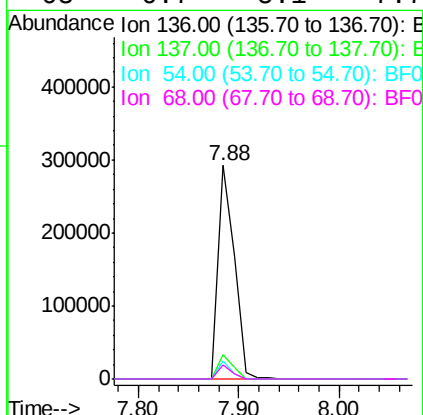
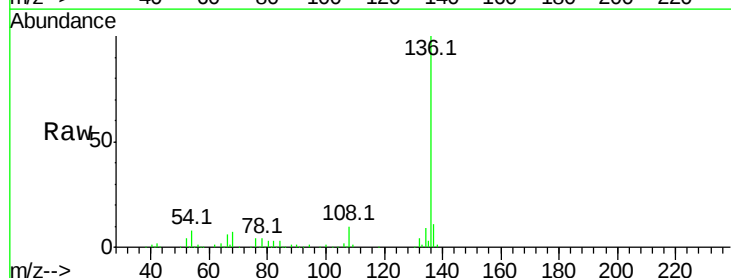
Instrument :
BNA_F
ClientSampled :

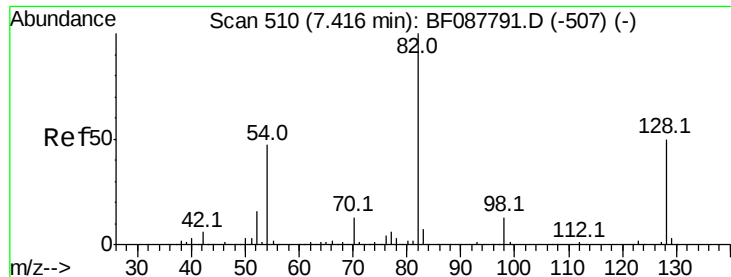
Tot Ion: 70 Resp: 43919
Ion Ratio Lower Upper
70 100
42 37.9 49.6 74.4#
101 0.0 7.1 10.7#
130 2.7 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Tgt Ion: 136 Resp: 325374
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.5 6.6 10.0
68 6.7 5.1 7.7

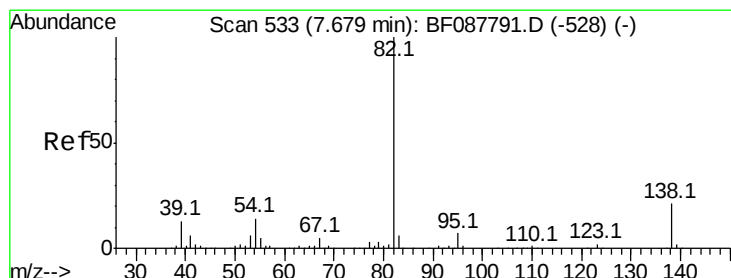
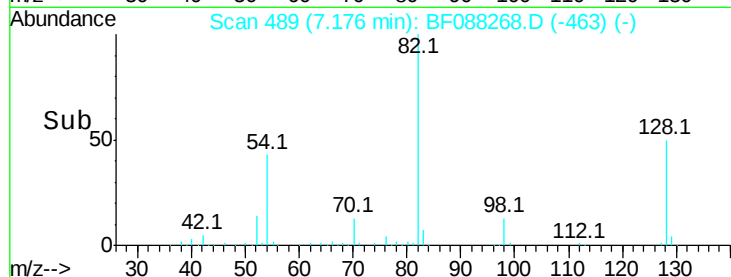
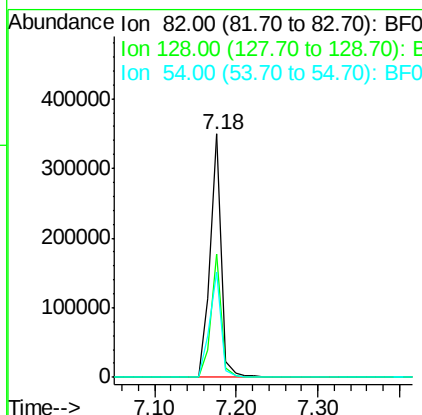
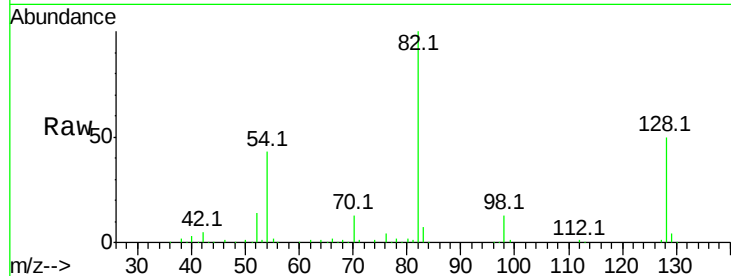




#23
Nitrobenzene-d5
Concen: 61.34 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

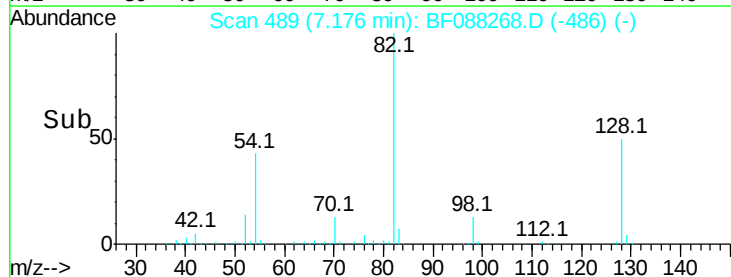
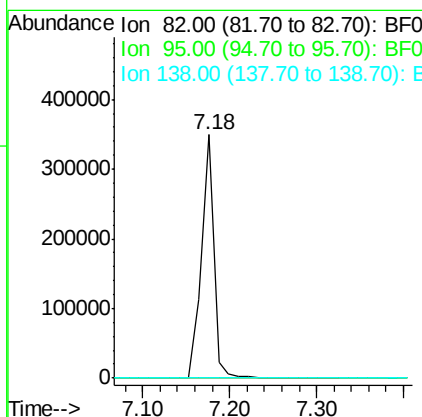
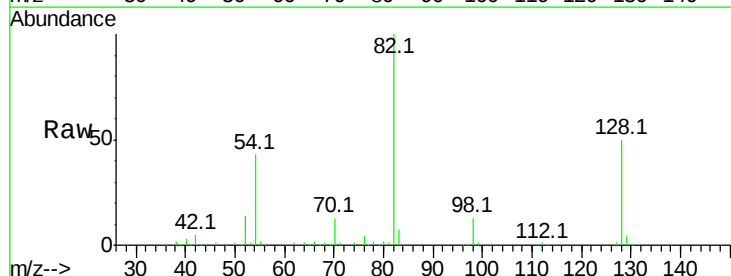
Instrument :
BNA_F
ClientSampled :

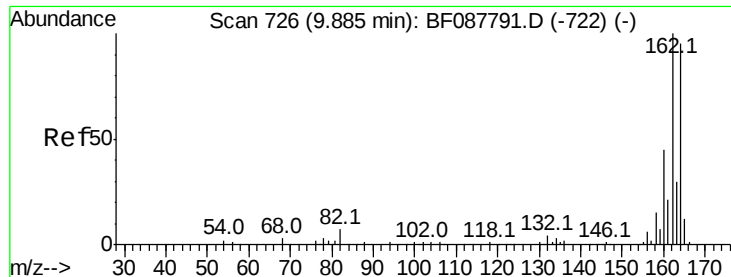
Tot Ion: 82 Resp: 341794
Ion Ratio Lower Upper
82 100
128 50.4 35.9 53.9
54 43.1 40.9 61.3



#25
Isophorone
Concen: 33.12 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.26 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Tgt Ion: 82 Resp: 341819
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 14.6 21.8#

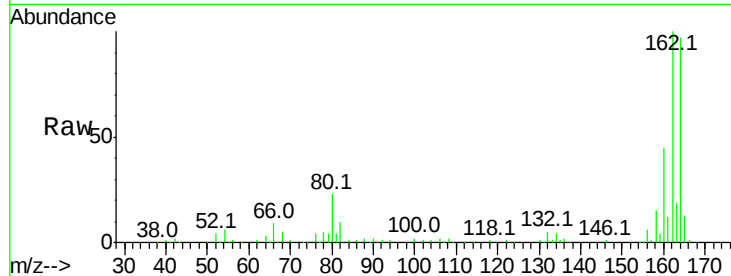




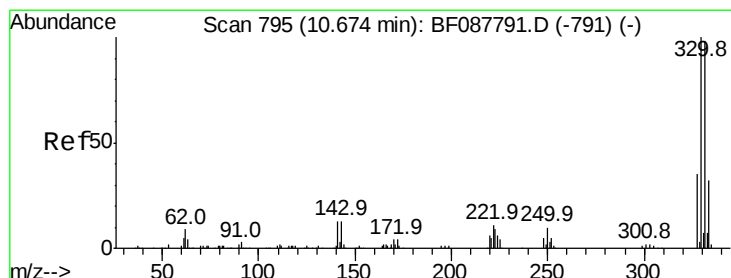
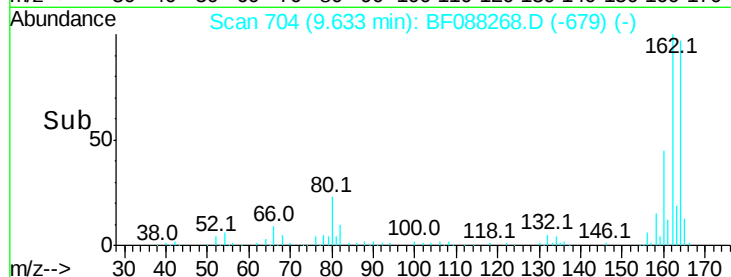
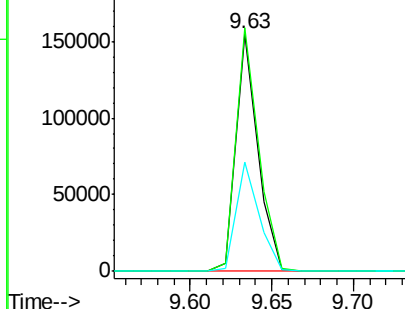
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 141867
Ion Ratio Lower Upper
164 100
162 102.6 85.4 128.2
160 46.2 39.5 59.3

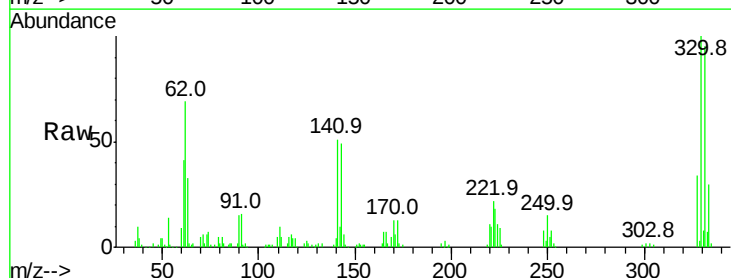


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

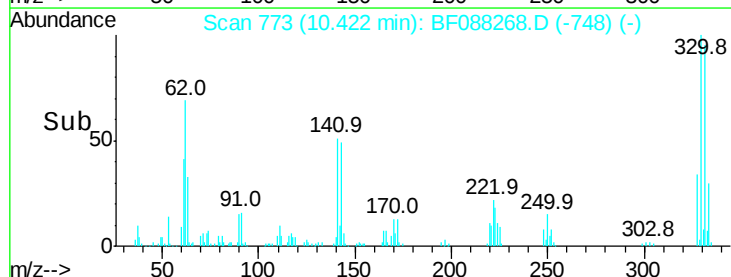
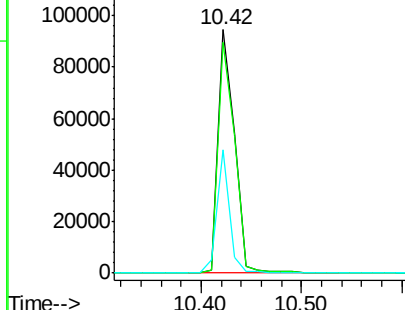


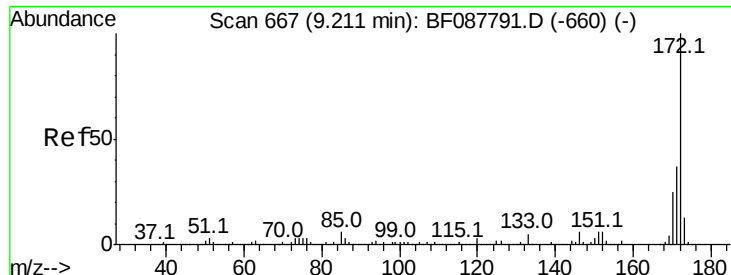
#41
2,4,6-Tribromophenol
Concen: 71.60 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Tgt Ion:330 Resp: 107260
Ion Ratio Lower Upper
330 100
332 96.0 0.0 0.0#
141 39.0 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

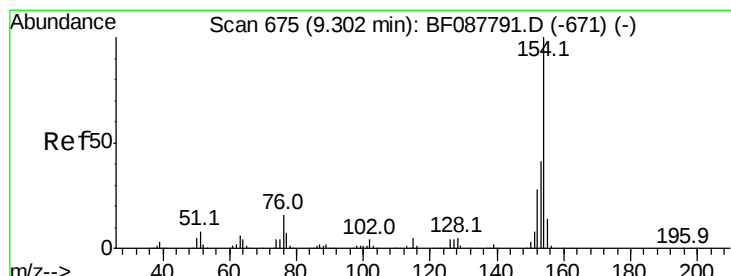
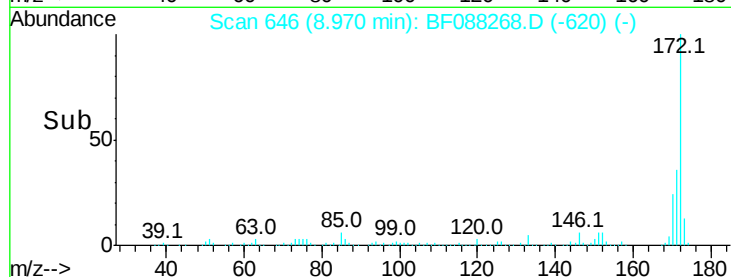
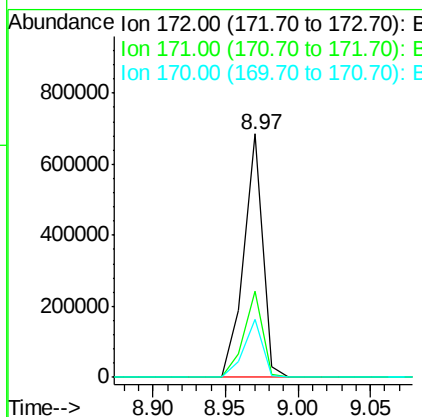
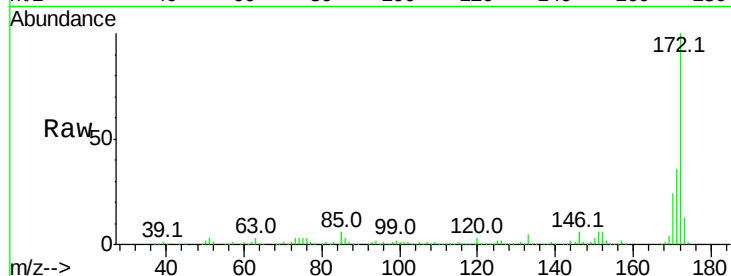




#44
 2-Fluorobiphenyl
 Concen: 68.03 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088268.D
 Acq: 23 Jun 2016 00:10

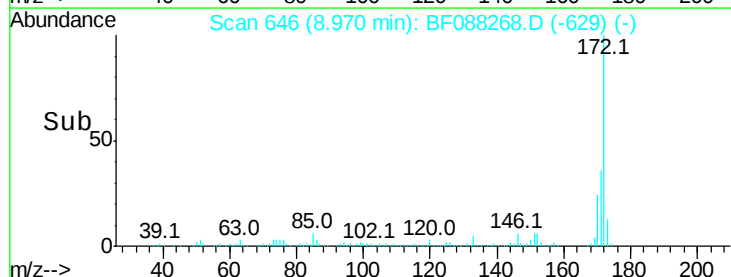
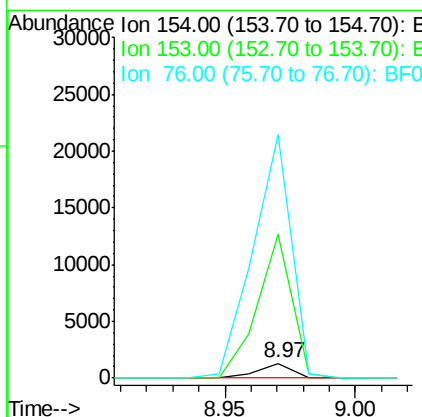
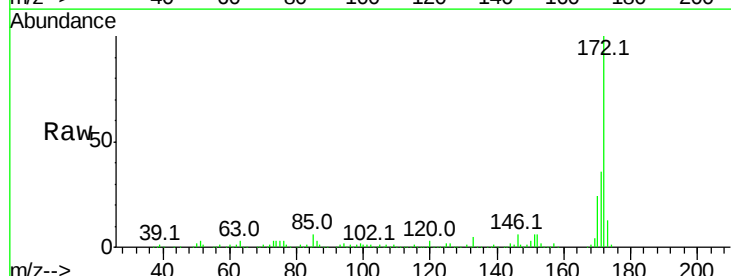
Instrument :
 BNA_F
 ClientSampleId :

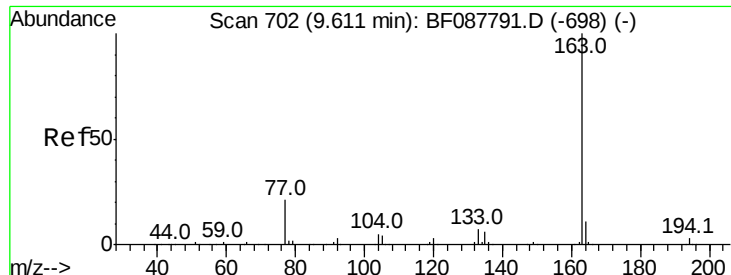
Tot Ion:172 Resp: 624377
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.6 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 8.97 min Scan# 646
 Delta R.T. -0.10 min
 Lab File: BF088268.D
 Acq: 23 Jun 2016 00:10

Tgt Ion:154 Resp: 1155
 Ion Ratio Lower Upper
 154 100
 153 970.0 20.6 60.6#
 76 1641.6 0.0 35.1#





#49

Dimethylphthalate

Concen: 13.34 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088268.D

Acq: 23 Jun 2016 00:10

Instrument :

BNA_F

ClientSampleId :

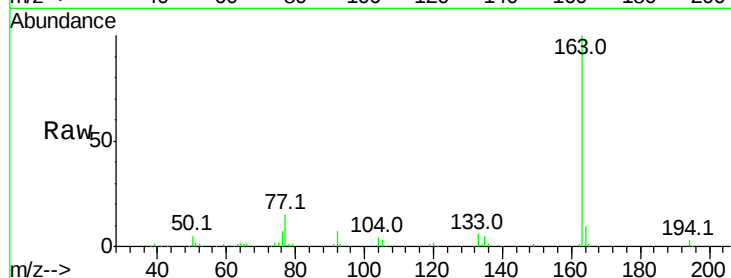
Tot Ion:163 Resp: 137084

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

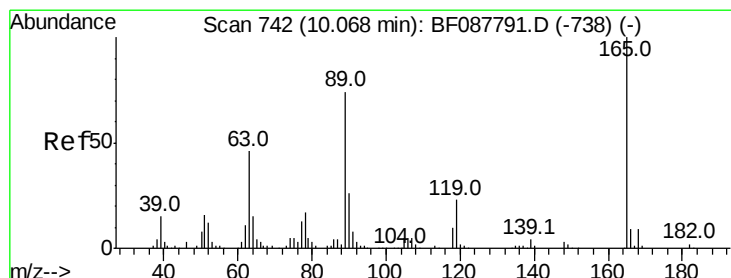
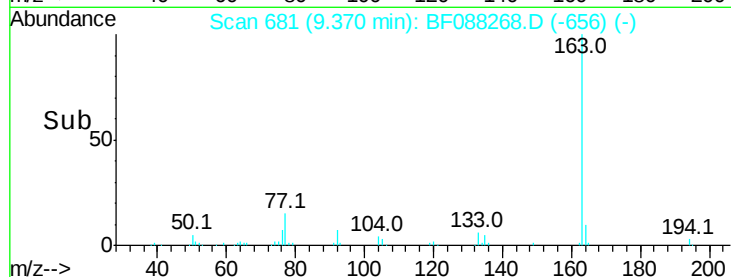
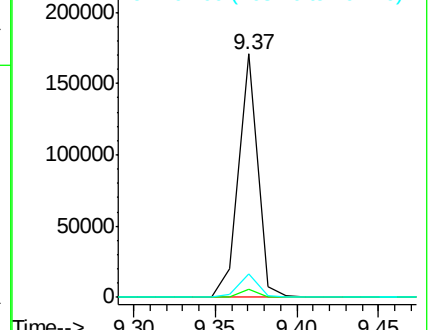
164 9.8 8.3 12.5



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: 5.93 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.22 min

Lab File: BF088268.D

Acq: 23 Jun 2016 00:10

Tgt Ion:165 Resp: 17934

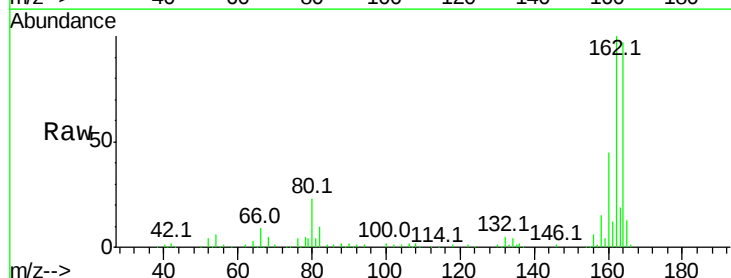
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 1.6 41.1 61.7#

182 0.0 2.0 3.0#

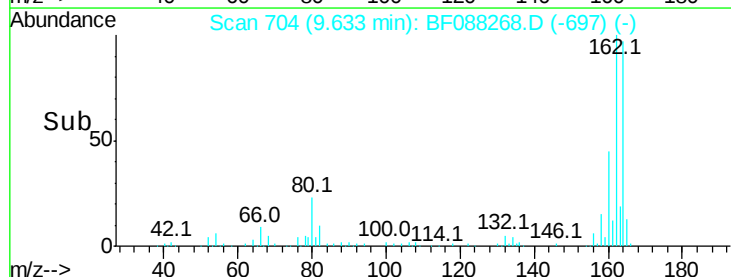
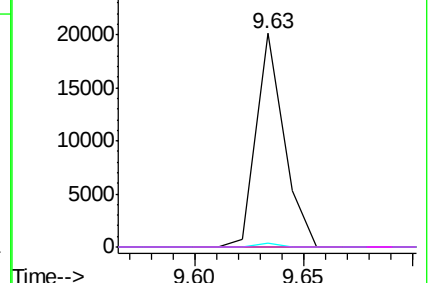


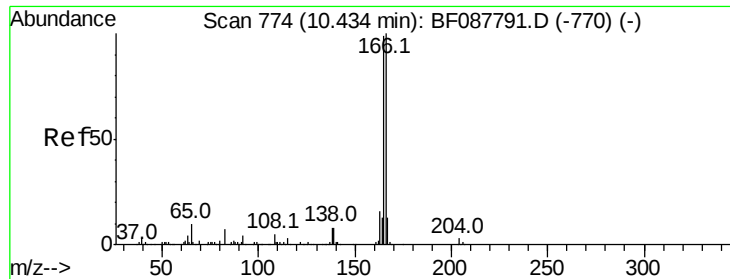
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.42 min Scan# 773

Delta R.T. 0.23 min

Lab File: BF088268.D

Acq: 23 Jun 2016 00:10

Instrument :

BNA_F

ClientSampleId :

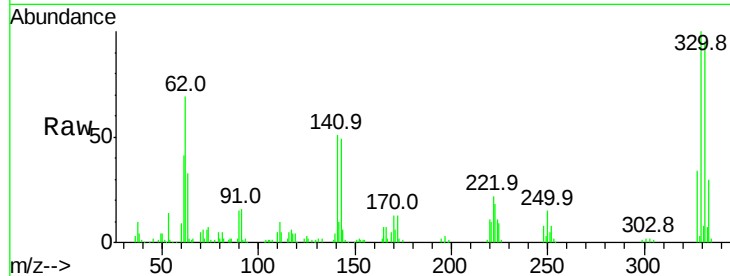
Tot Ion:166 Resp: 5515

Ion Ratio Lower Upper

166 100

165 101.1 77.8 116.8

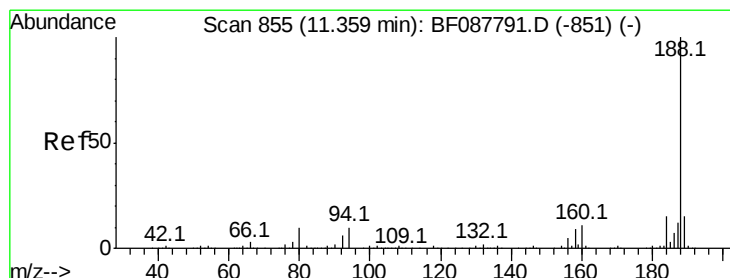
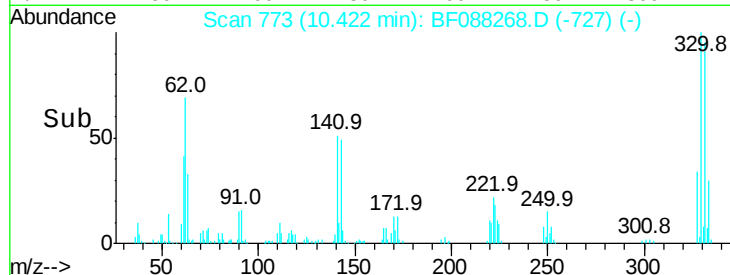
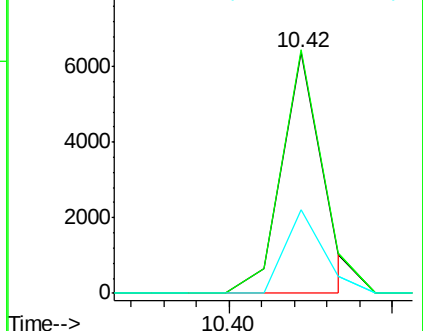
167 34.7 11.2 16.8#



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: 11.12 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF088268.D

Acq: 23 Jun 2016 00:10

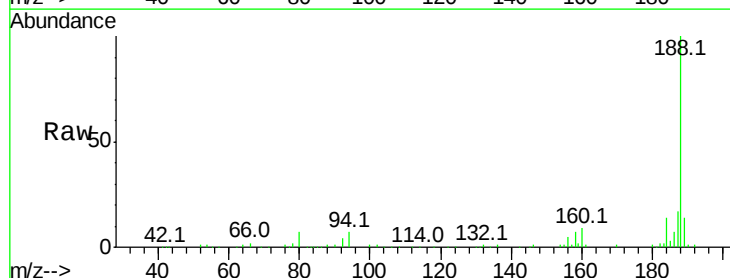
Tgt Ion:188 Resp: 221185

Ion Ratio Lower Upper

188 100

94 6.6 9.0 13.6#

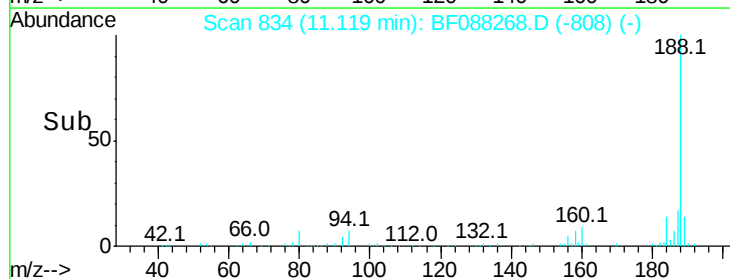
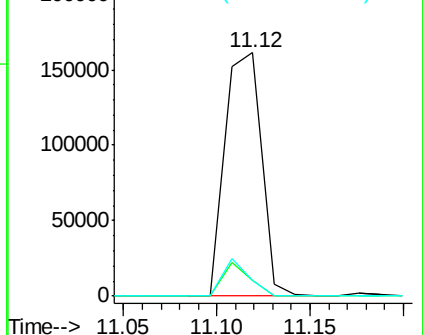
80 6.5 10.0 15.0#

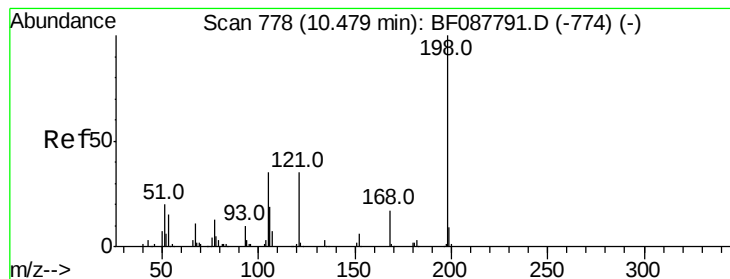


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.31 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.16 min

Lab File: BF088268.D

Acq: 23 Jun 2016 00:10

Instrument :

BNA_F

ClientSampled :

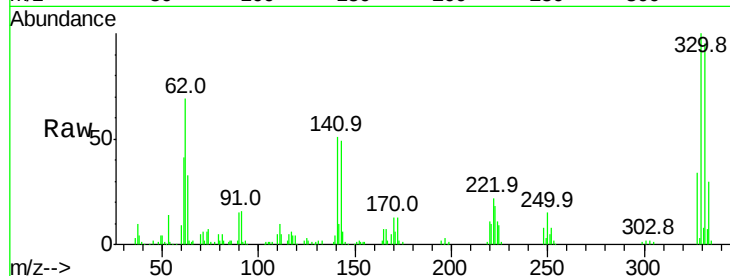
Tot Ion:198 Resp: 208

Ion Ratio Lower Upper

198 100

51 169.4 39.6 79.6#

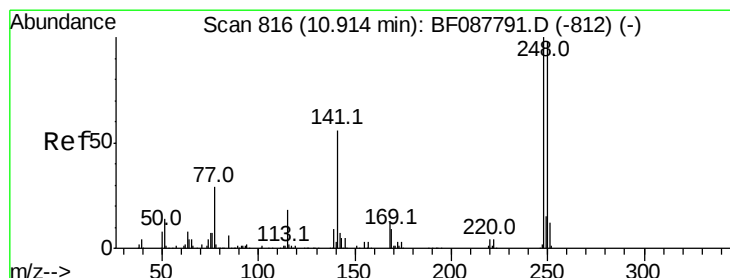
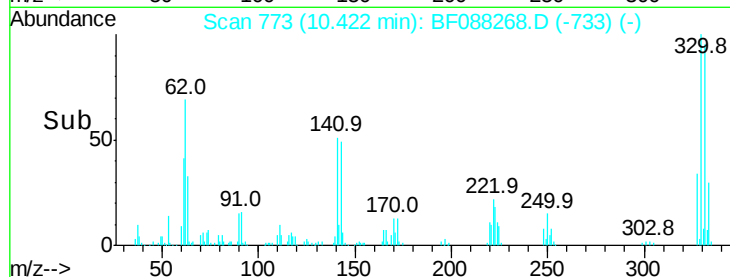
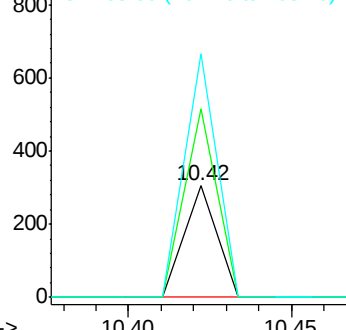
105 219.1 36.6 76.6#



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: 2.79 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.25 min

Lab File: BF088268.D

Acq: 23 Jun 2016 00:10

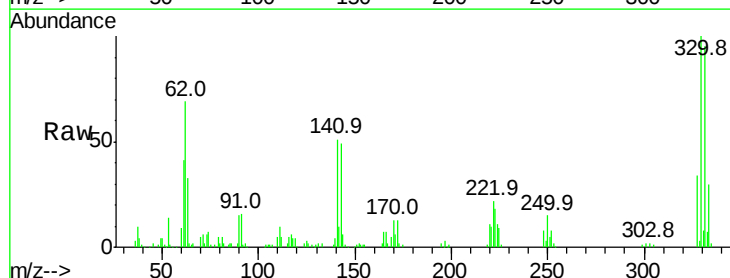
Tgt Ion:248 Resp: 6619

Ion Ratio Lower Upper

248 100

250 194.3 77.1 115.7#

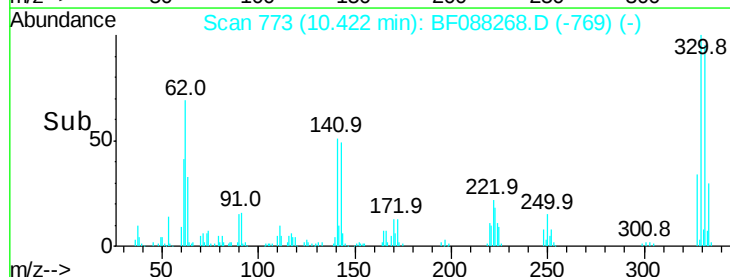
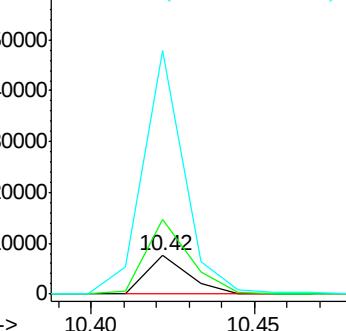
141 636.0 50.6 76.0#

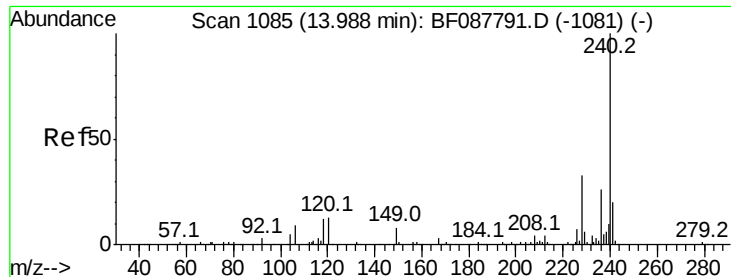


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088268.D

Acq: 23 Jun 2016 00:10

Instrument :

BNA_F

ClientSampleId :

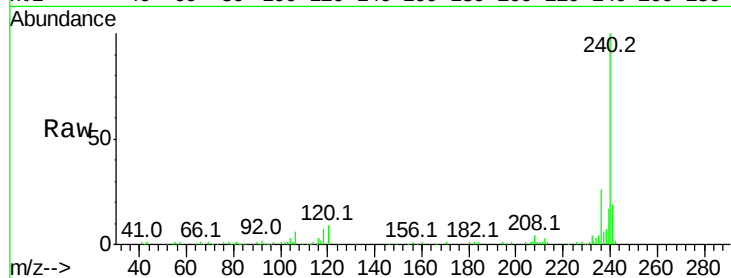
Tot Ion:240 Resp: 166149

Ion Ratio Lower Upper

240 100

120 9.0 6.8 10.2

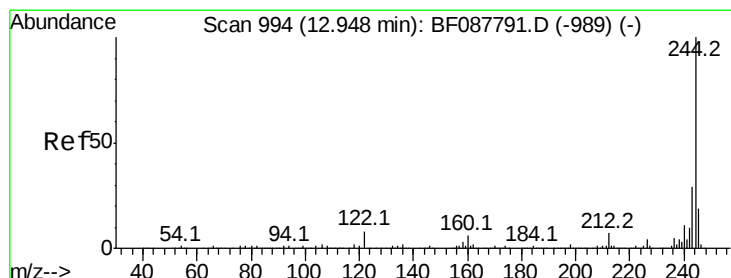
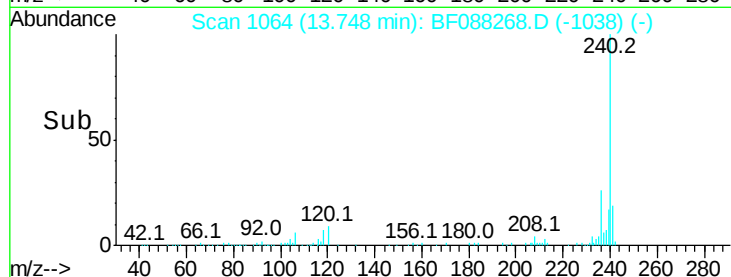
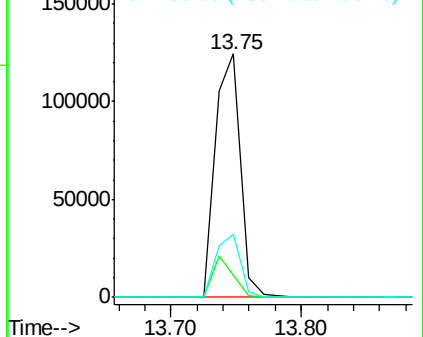
236 25.9 20.2 30.2



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: 57.13 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088268.D

Acq: 23 Jun 2016 00:10

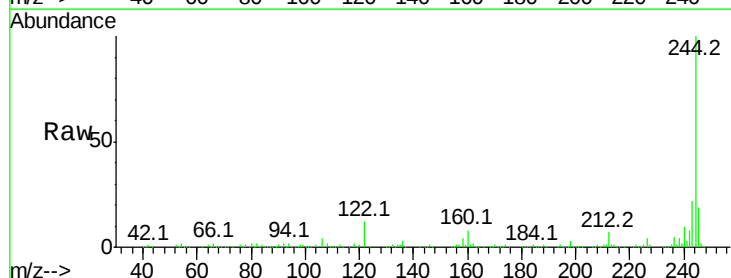
Tgt Ion:244 Resp: 417107

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

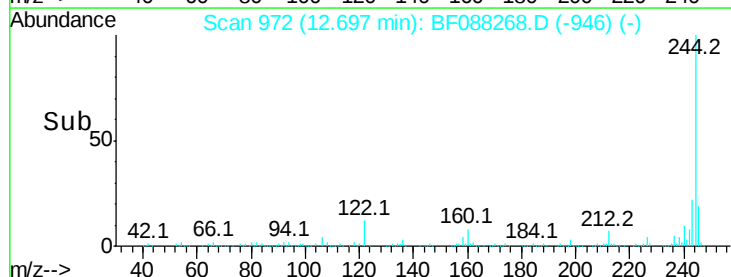
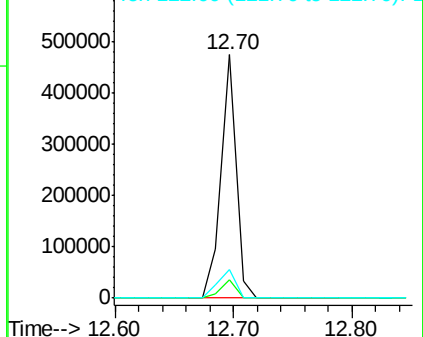
122 11.8 11.2 16.8

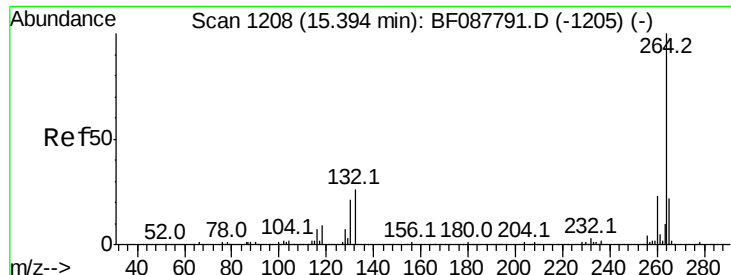


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



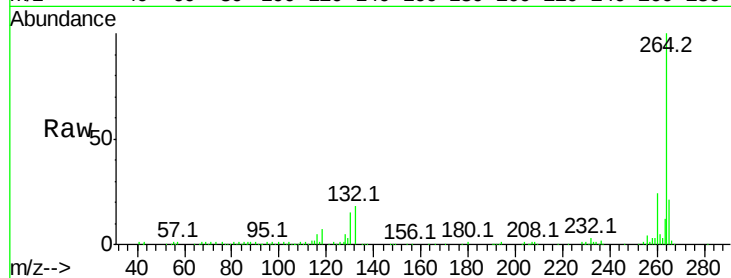


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 156680

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	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

