

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088269.D
 Acq On : 23 Jun 2016 00:39
 Operator : UM/SJ
 Sample : H3660-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 02:29:40 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	76420	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	312386	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	138781	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	223223	20.00	ng	0.00
75) Chrysene-d12	13.74	240	162079	20.00	ng	-0.01
86) Perylene-d12	15.11	264	154037	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	636513	142.39	ng	0.01
7) Phenol-d6	6.26	99	728745	134.52	ng	0.00
23) Nitrobenzene-d5	7.18	82	460626	86.10	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	153169	104.53	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	734405	83.00	ng	0.00
78) Terphenyl-d14	12.70	244	483530	67.89	ng	0.00

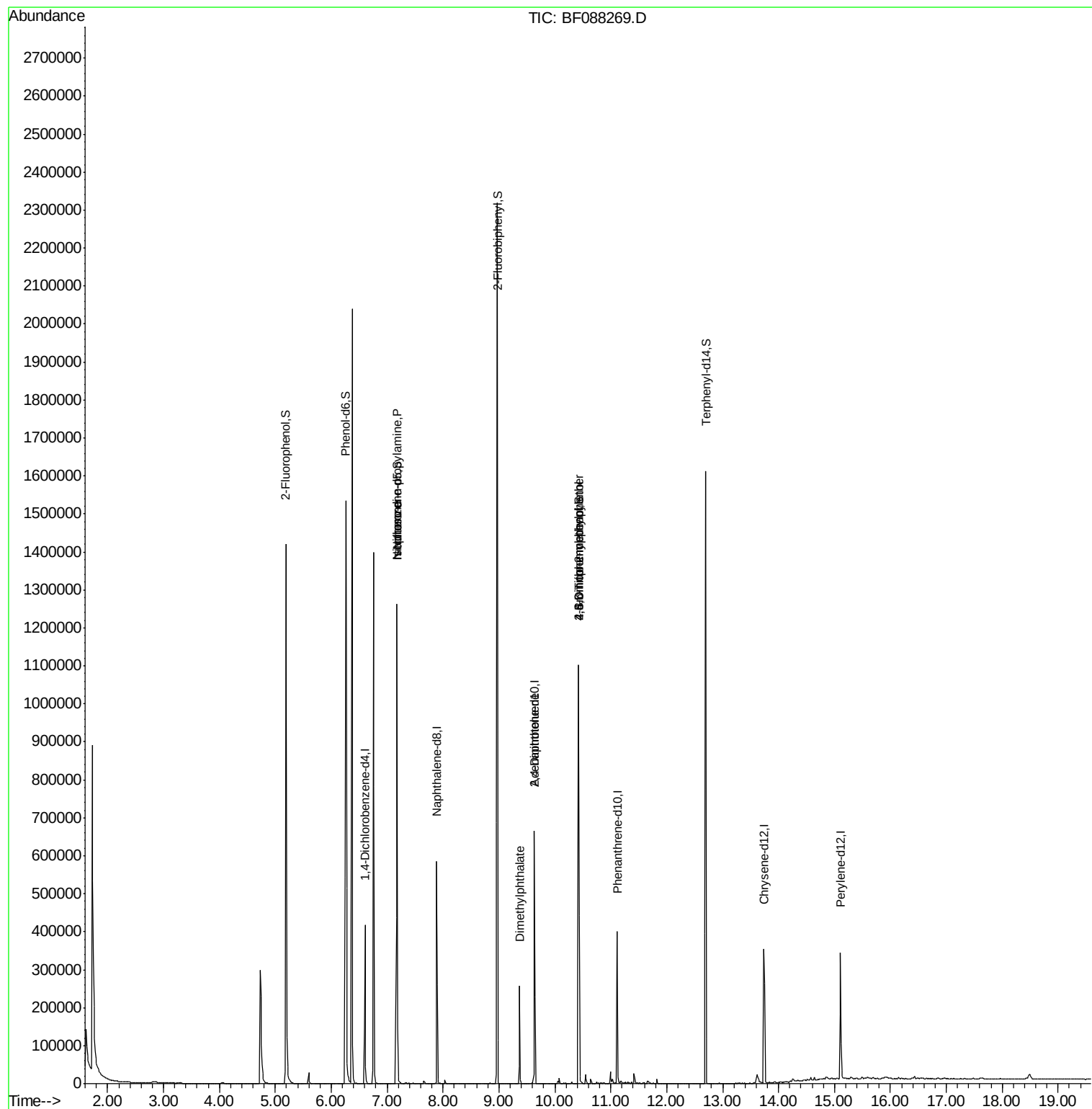
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.27	94	1972	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.18	70	60144	17.35	ng	70
25) Isophorone	7.18	82	460616	46.48	ng	65
45) 1,1'-Biphenyl	8.97	154	1460	Below Cal	#	1
49) Dimethylphthalate	9.37	163	110641	11.01	ng	99
56) 2,4-Dinitrotoluene	9.63	165	17459	5.90	ng	36
57) Fluorene	10.42	166	7052	Below Cal	#	91
64) 4,6-Dinitro-2-methylphenol	10.42	198	218	2.31	ng	1
66) 4-Bromophenyl-phenylether	10.42	248	9376	3.92	ng	1

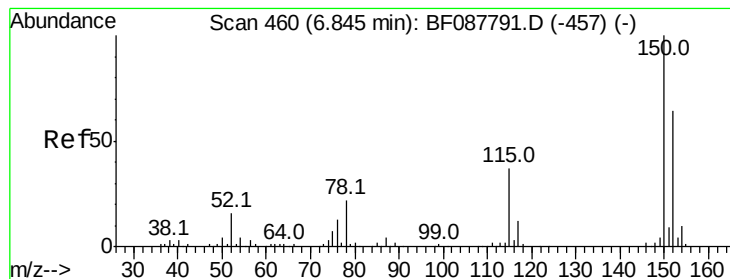
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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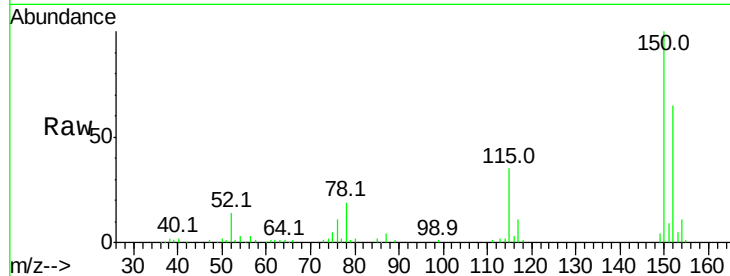


#1

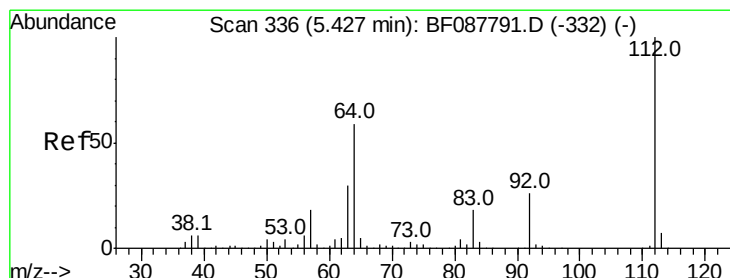
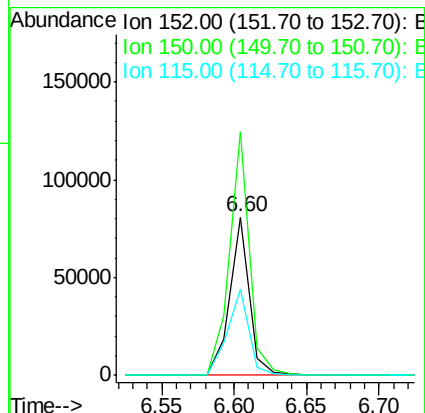
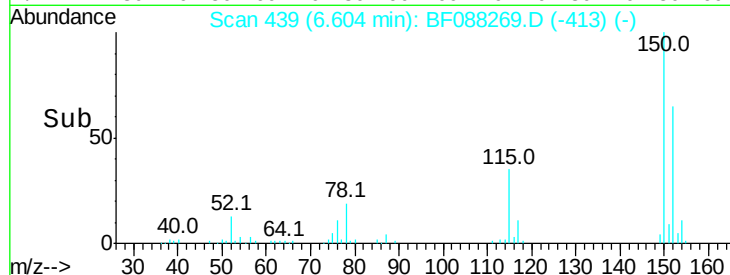
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF088269.D
Acq: 23 Jun 2016 00:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76420
Ion Ratio Lower Upper
152 100
150 153.6 123.8 185.6
115 54.3 39.6 59.4



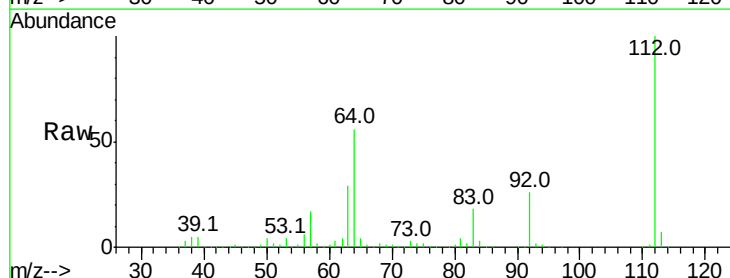
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



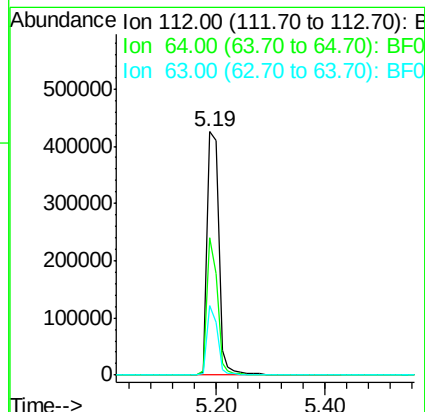
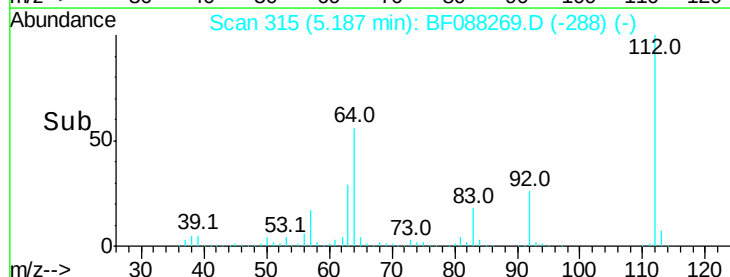
#5

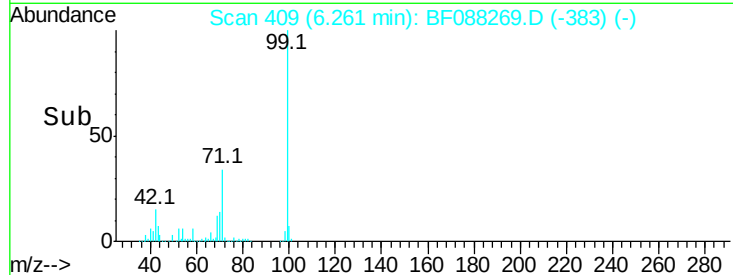
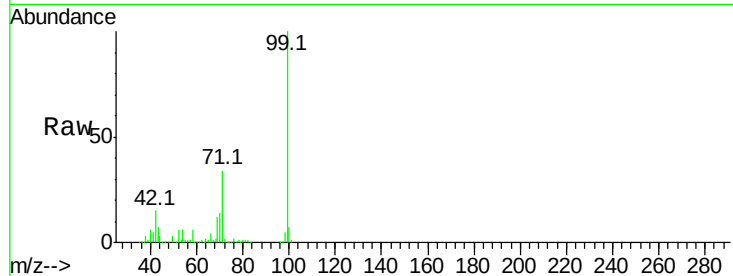
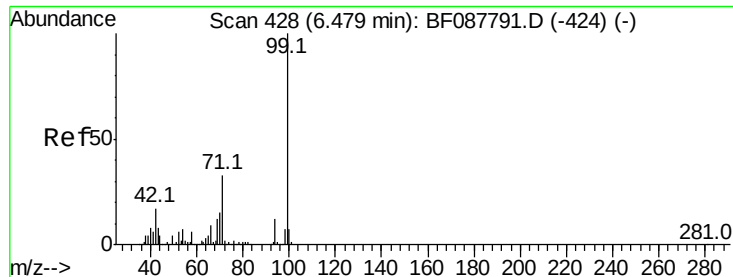
2-Fluorophenol
Concen: 142.39 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088269.D
Acq: 23 Jun 2016 00:39

Tgt Ion:112 Resp: 636513
Ion Ratio Lower Upper
112 100
64 56.4 42.2 63.2
63 28.7 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: 134.52 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088269.D

Acq: 23 Jun 2016 00:39

Instrument :

BNA_F

ClientSampleId :

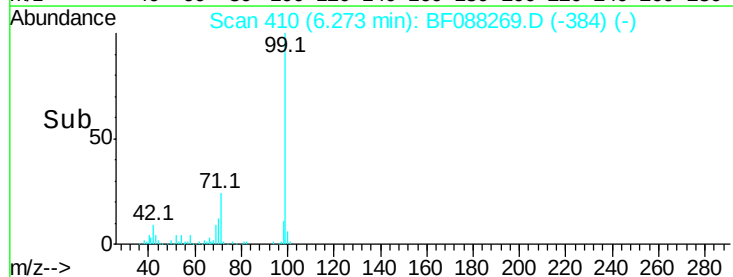
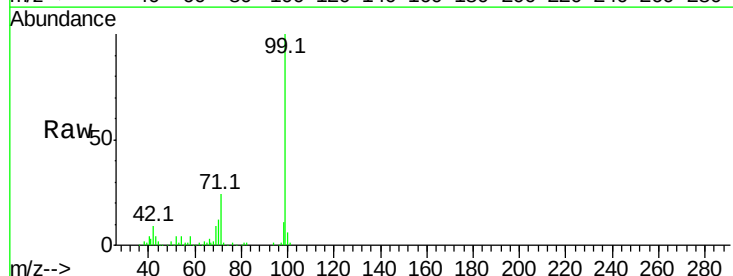
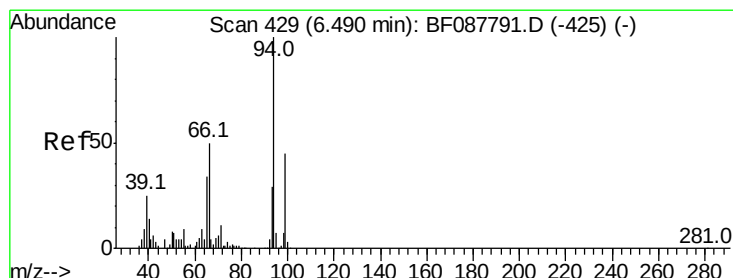
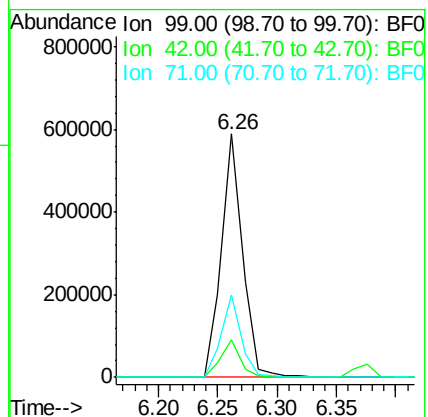
Tot Ion: 99 Resp: 728745

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.2

71 33.9 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.27 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF088269.D

Acq: 23 Jun 2016 00:39

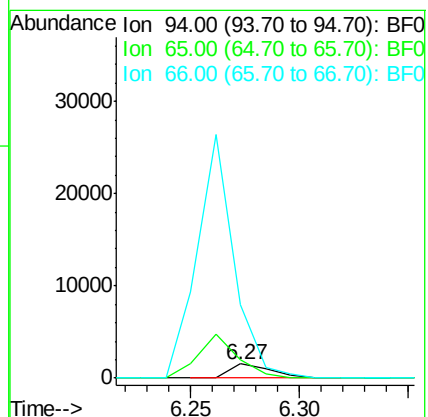
Tgt Ion: 94 Resp: 1972

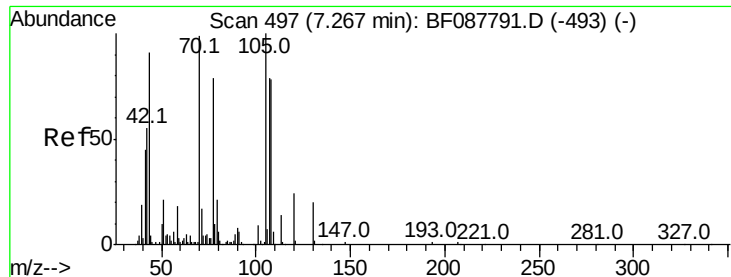
Ion Ratio Lower Upper

94 100

65 125.3 5.9 45.9#

66 509.0 14.0 54.0#

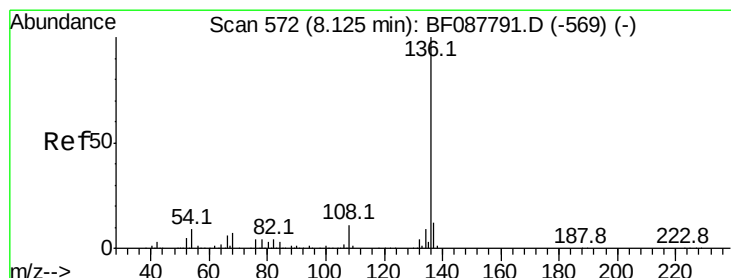
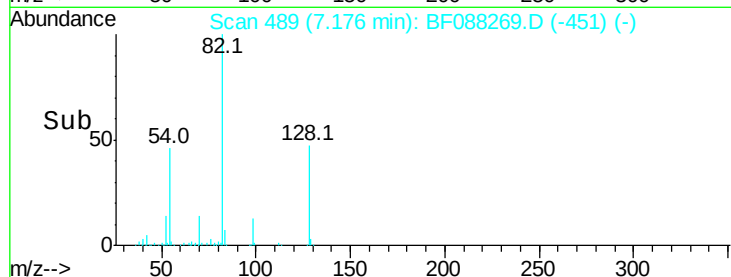
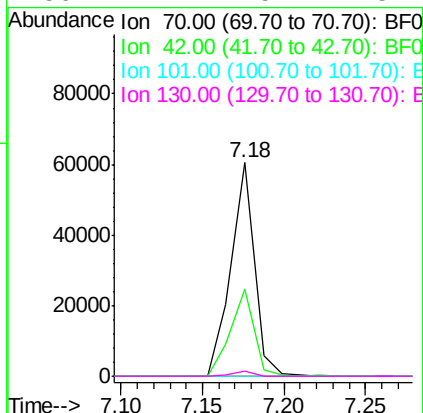
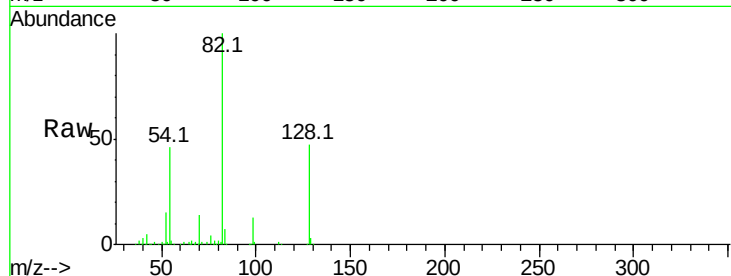




#19
n-Nitroso-di-n-propylamine
Concen: 17.35 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.14 min
Lab File: BF088269.D
Acq: 23 Jun 2016 00:39

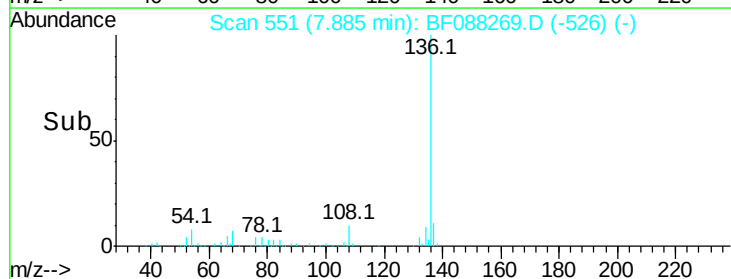
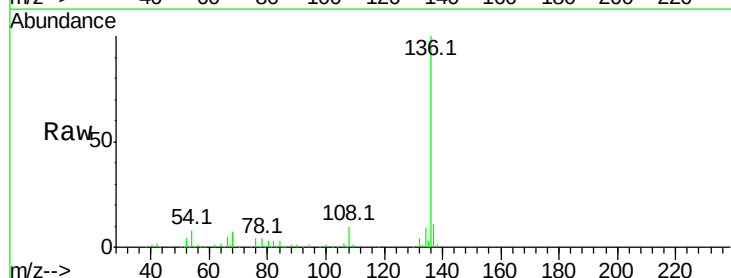
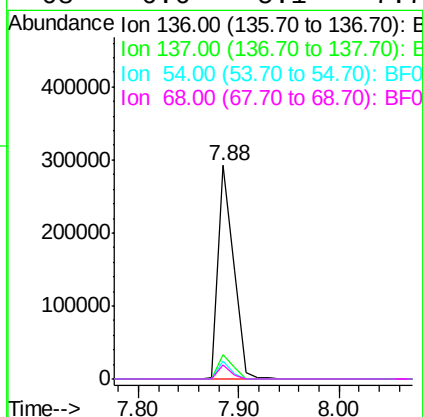
Instrument :
BNA_F
ClientSampled :

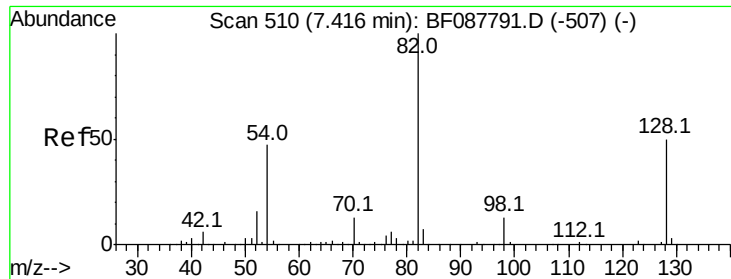
Tot Ion: 70 Resp: 60144
Ion Ratio Lower Upper
70 100
42 40.6 49.6 74.4#
101 0.0 7.1 10.7#
130 2.2 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088269.D
Acq: 23 Jun 2016 00:39

Tgt Ion: 136 Resp: 312386
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.3 6.6 10.0
68 6.6 5.1 7.7

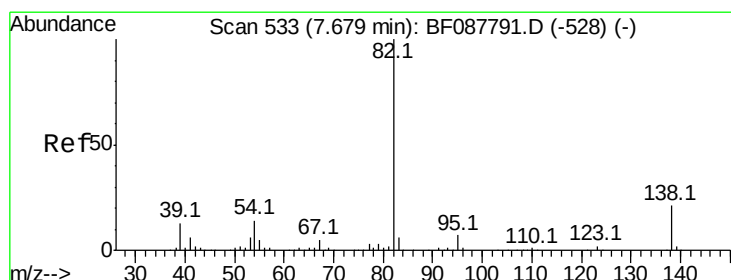
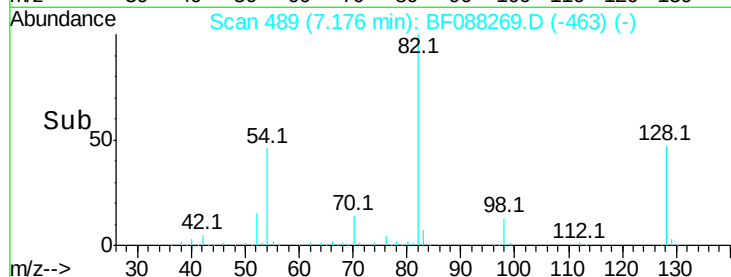
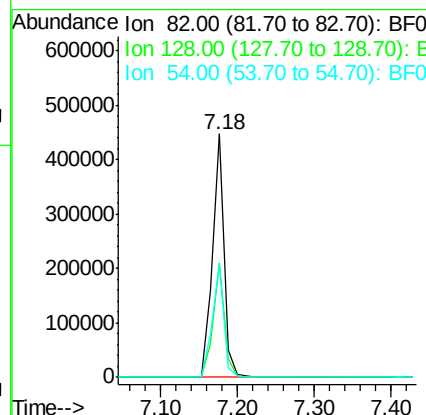
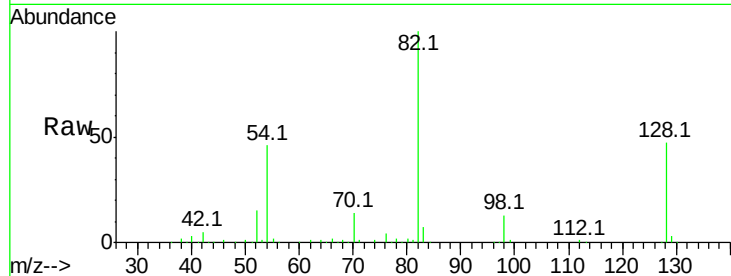




#23
 Nitrobenzene-d5
 Concen: 86.10 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF088269.D
 Acq: 23 Jun 2016 00:39

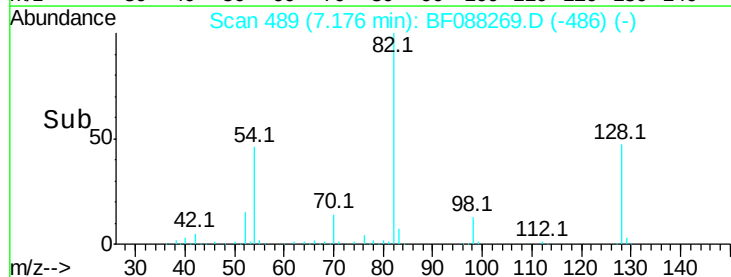
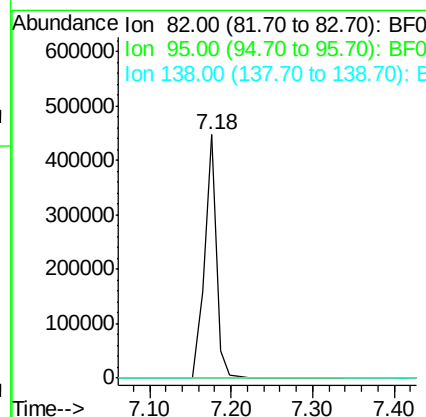
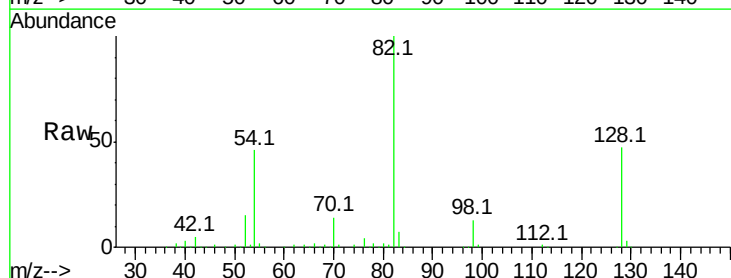
Instrument :
 BNA_F
 ClientSampled :

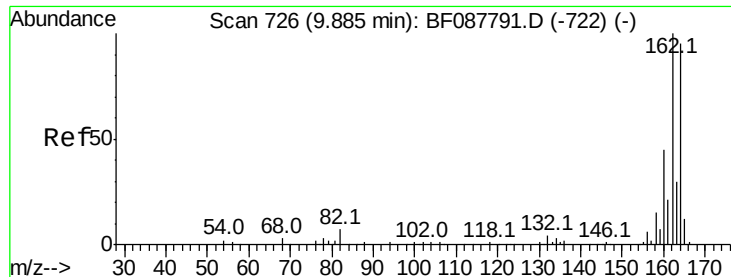
Tot Ion: 82 Resp: 460626
 Ion Ratio Lower Upper
 82 100
 128 47.0 35.9 53.9
 54 46.2 40.9 61.3



#25
 Isophorone
 Concen: 46.48 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.26 min
 Lab File: BF088269.D
 Acq: 23 Jun 2016 00:39

Tgt Ion: 82 Resp: 460616
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.6 21.8#

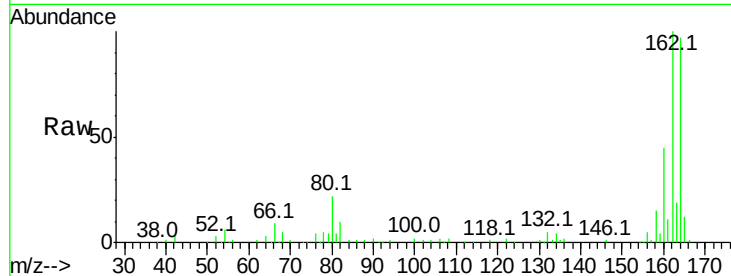




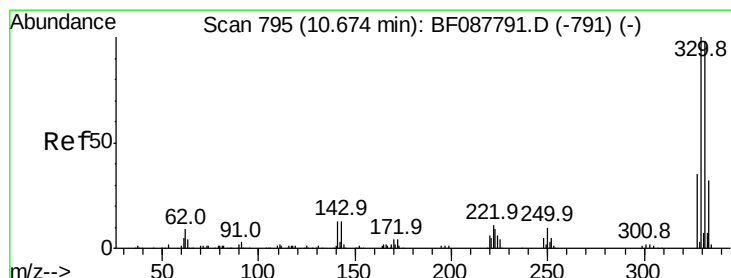
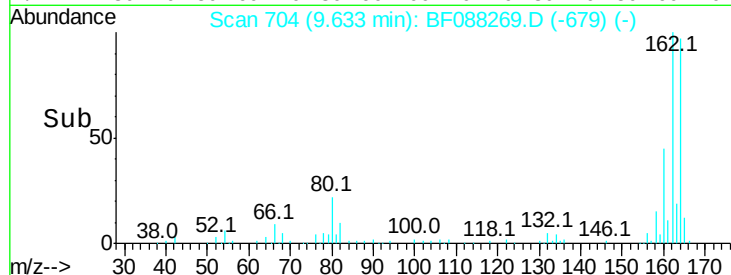
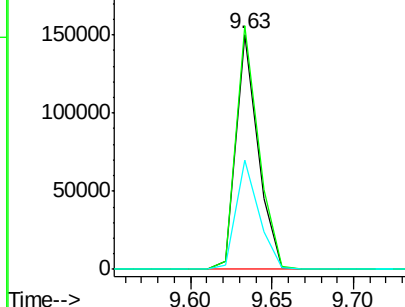
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088269.D
 Acq: 23 Jun 2016 00:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 138781
 Ion Ratio Lower Upper
 164 100
 162 103.5 85.4 128.2
 160 46.3 39.5 59.3

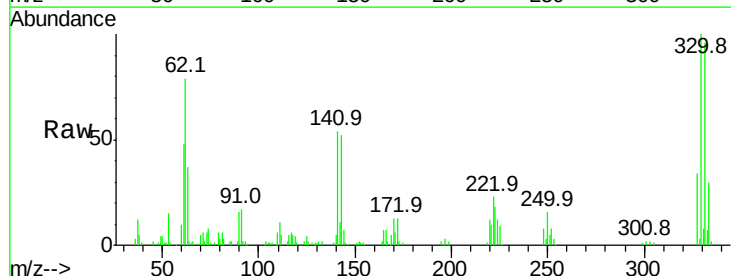


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

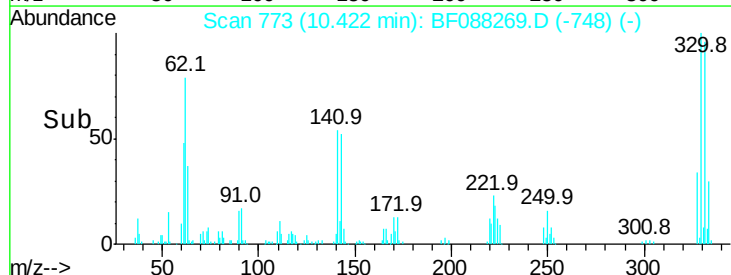
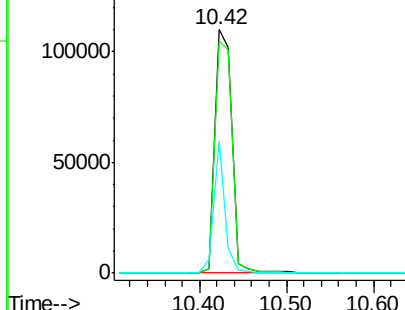


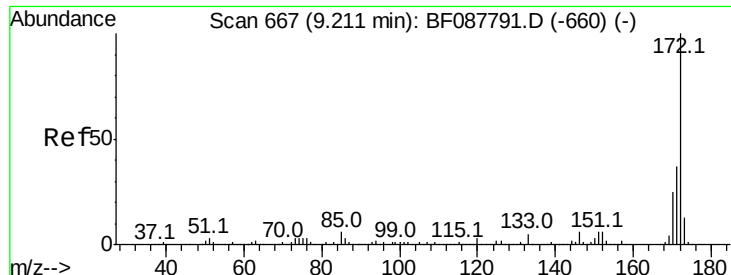
#41
 2,4,6-Tribromophenol
 Concen: 104.53 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088269.D
 Acq: 23 Jun 2016 00:39

Tgt Ion:330 Resp: 153169
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 35.4 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

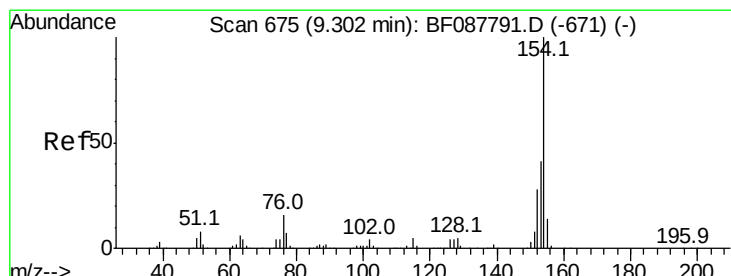
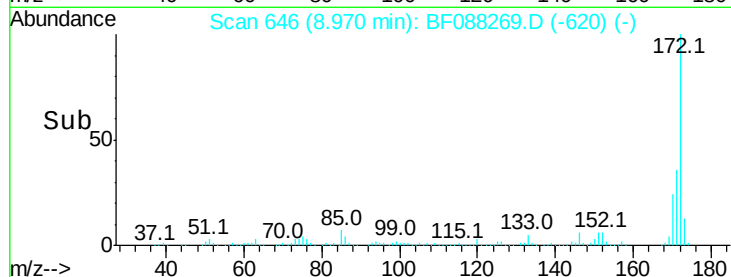
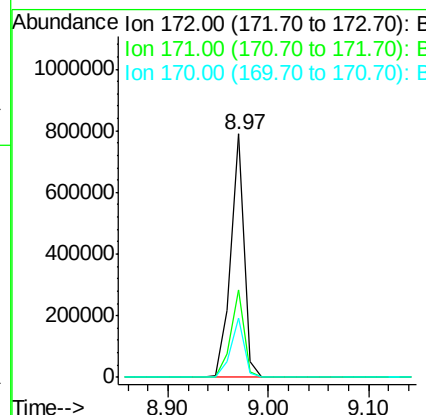
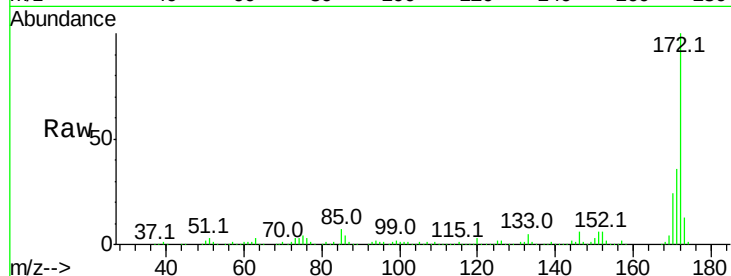




#44
2-Fluorobiphenyl
Concen: 83.00 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF088269.D
Acq: 23 Jun 2016 00:39

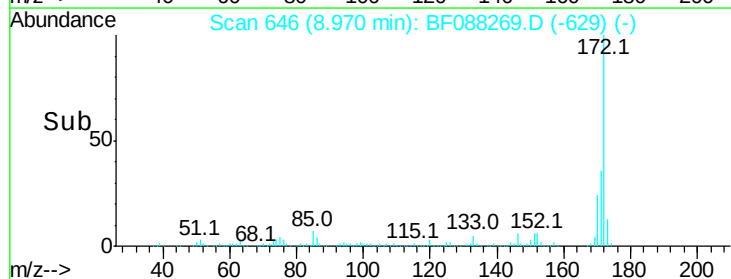
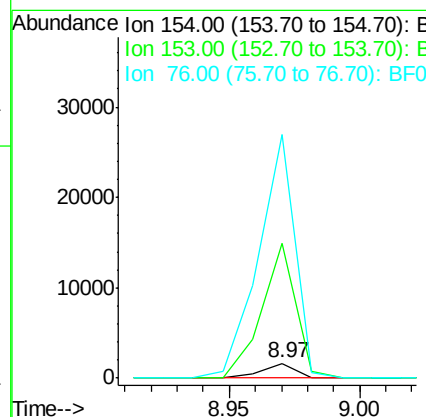
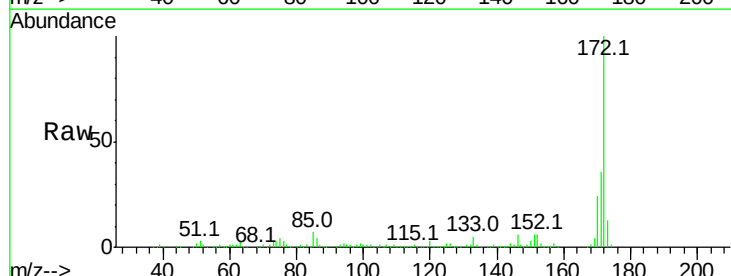
Instrument :
BNA_F
ClientSampled :

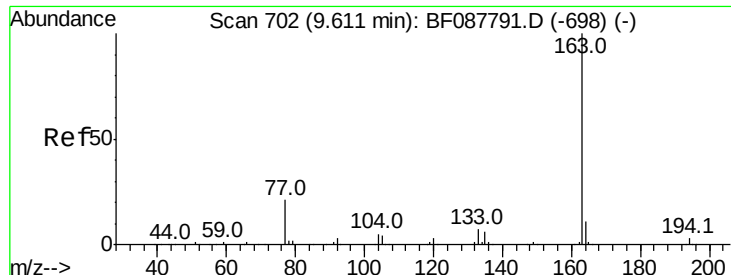
Tot Ion:172 Resp: 734405
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.4 19.2 28.8



#45
1,1'-Biphenyl
Concen: Below Cal
RT: 8.97 min Scan# 646
Delta R.T. -0.10 min
Lab File: BF088269.D
Acq: 23 Jun 2016 00:39

Tgt Ion:154 Resp: 1460
Ion Ratio Lower Upper
154 100
153 909.5 20.6 60.6#
76 1637.4 0.0 35.1#





#49

Dimethylphthalate

Concen: 11.01 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088269.D

Acq: 23 Jun 2016 00:39

Instrument :

BNA_F

ClientSampleId :

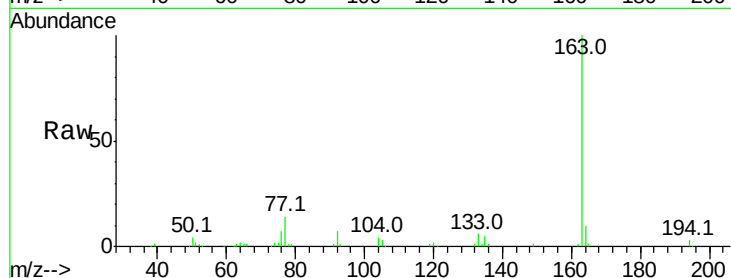
Tot Ion:163 Resp: 110641

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

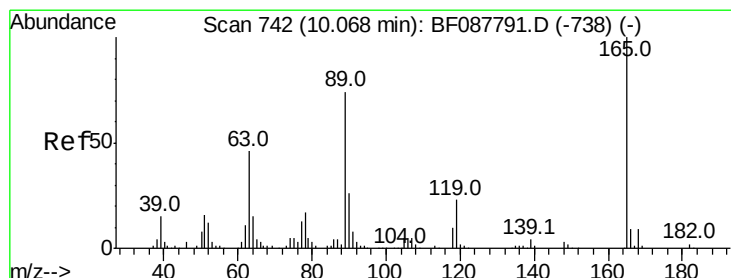
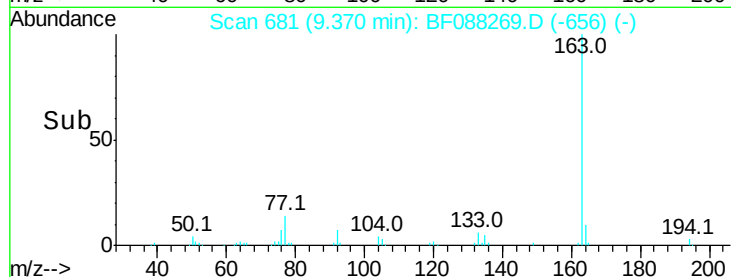
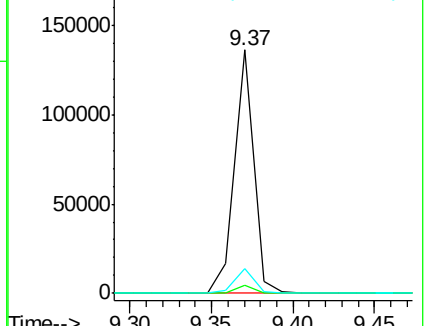
164 10.0 8.3 12.5



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: 9.63 min Scan# 704

Delta R.T. -0.22 min

Lab File: BF088269.D

Acq: 23 Jun 2016 00:39

Tgt Ion:165 Resp: 17459

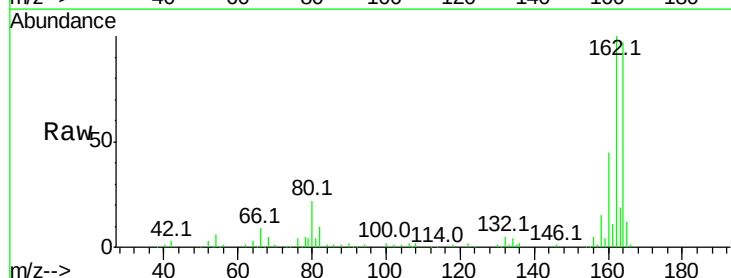
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

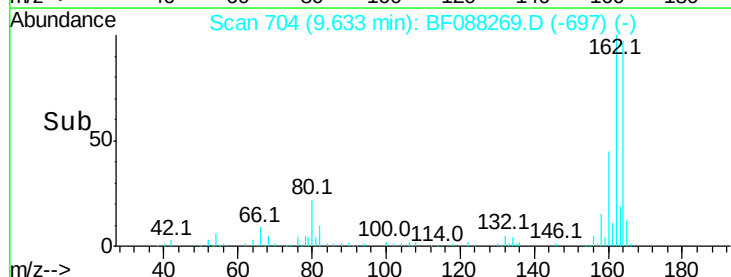
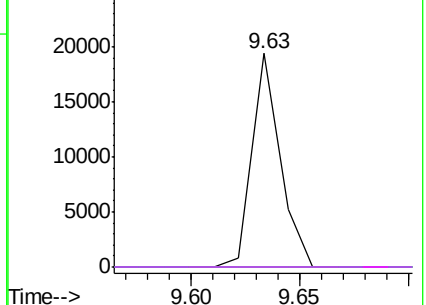


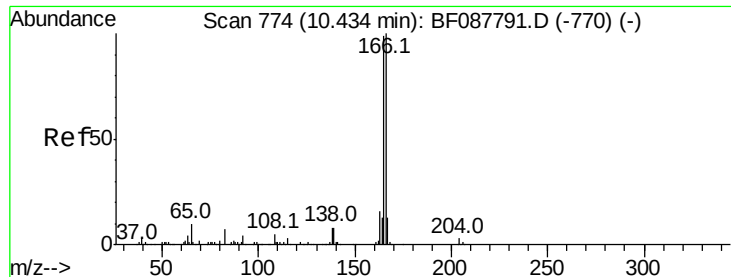
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.42 min Scan# 773

Delta R.T. 0.23 min

Lab File: BF088269.D

Acq: 23 Jun 2016 00:39

Instrument :

BNA_F

ClientSampleId :

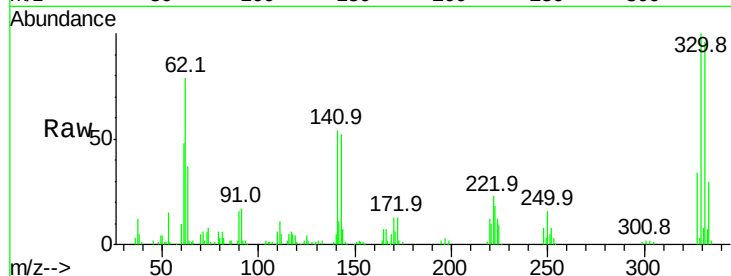
Tot Ion:166 Resp: 7052

Ion Ratio Lower Upper

166 100

165 101.0 77.8 116.8

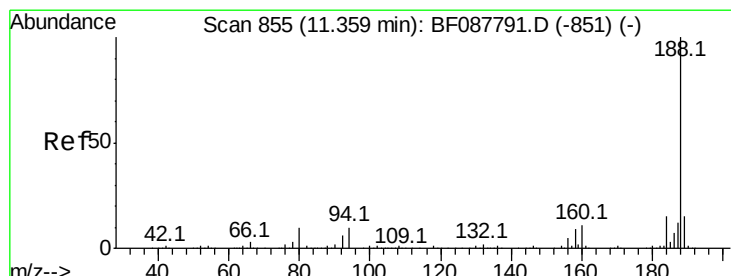
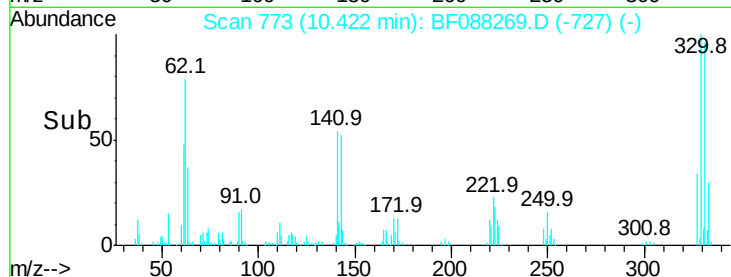
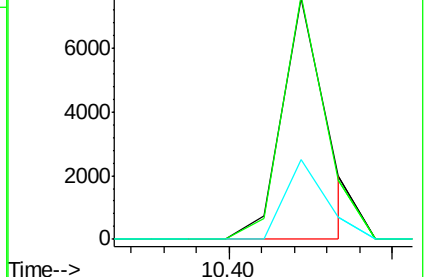
167 32.9 11.2 16.8#



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: BF088269.D

Acq: 23 Jun 2016 00:39

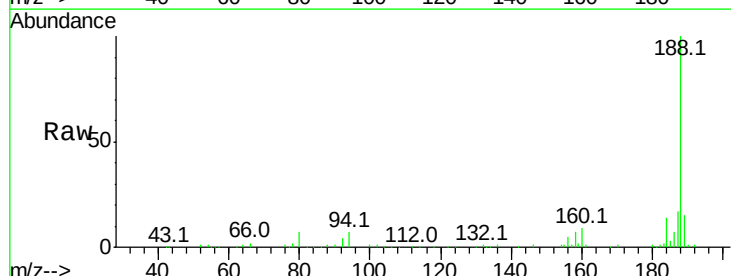
Tgt Ion:188 Resp: 223223

Ion Ratio Lower Upper

188 100

94 6.7 9.0 13.6#

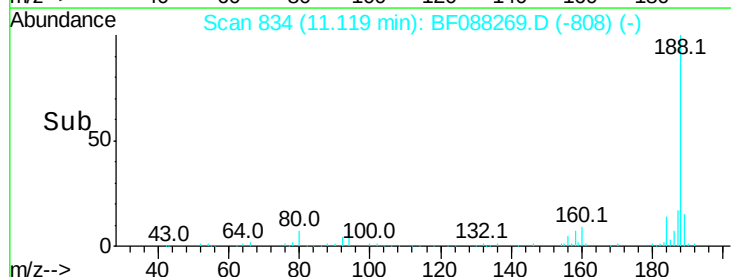
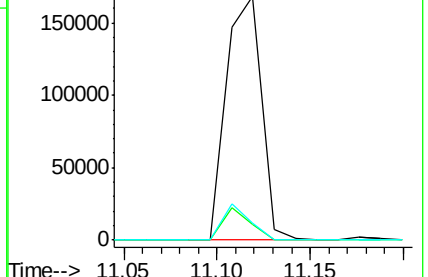
80 6.8 10.0 15.0#

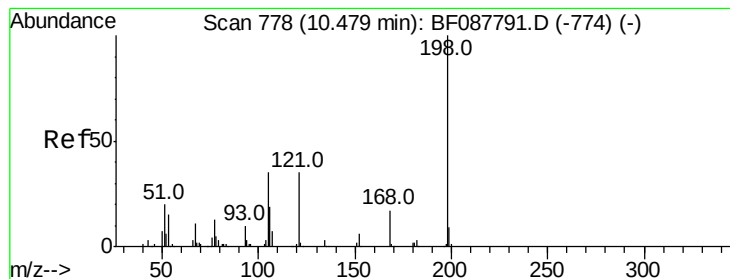


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.31 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.16 min

Lab File: BF088269.D

Acq: 23 Jun 2016 00:39

Instrument :

BNA_F

ClientSampleId :

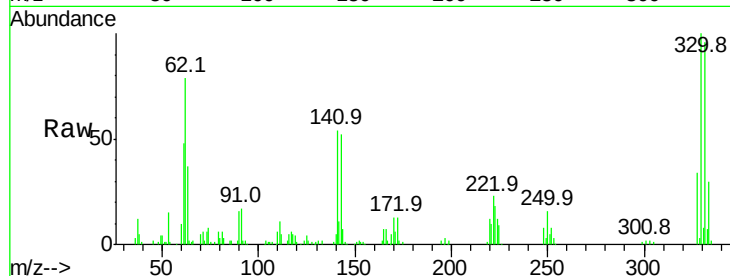
Tot Ion:198 Resp: 218

Ion Ratio Lower Upper

198 100

51 212.6 39.6 79.6#

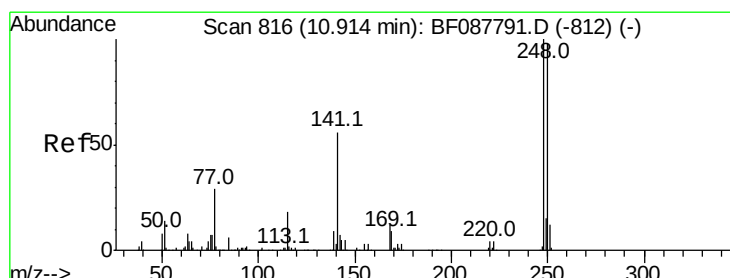
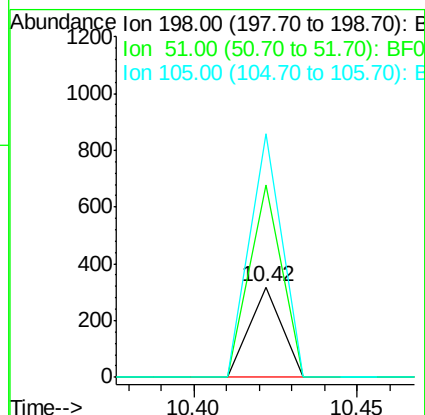
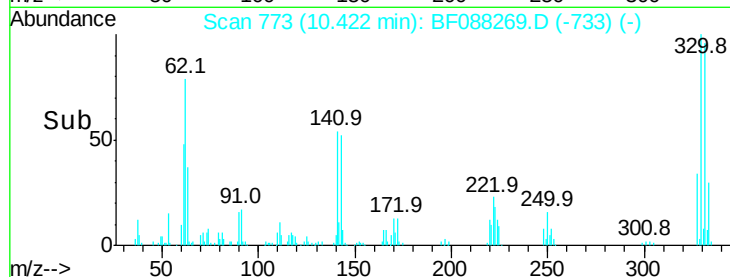
105 269.8 36.6 76.6#



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: 3.92 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.25 min

Lab File: BF088269.D

Acq: 23 Jun 2016 00:39

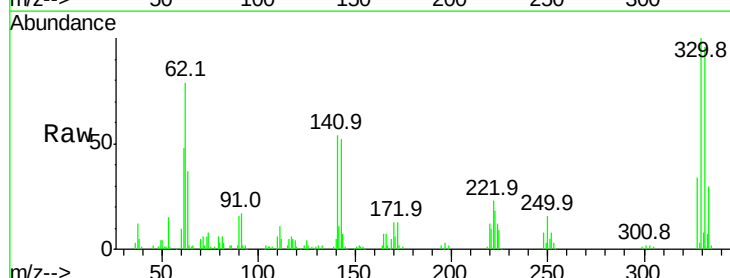
Tgt Ion:248 Resp: 9376

Ion Ratio Lower Upper

248 100

250 194.6 77.1 115.7#

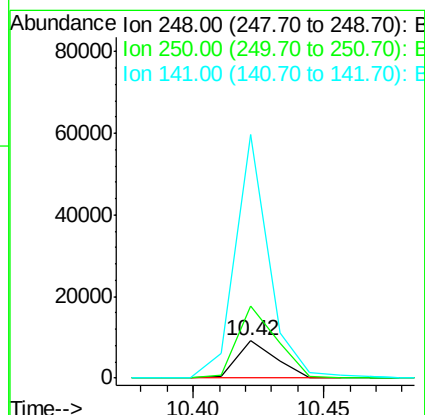
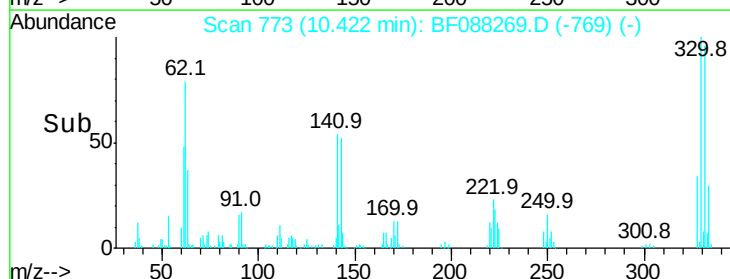
141 655.4 50.6 76.0#

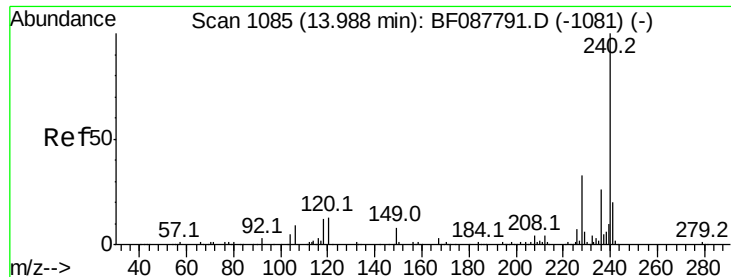


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF088269.D

Acq: 23 Jun 2016 00:39

Instrument :

BNA_F

ClientSampleId :

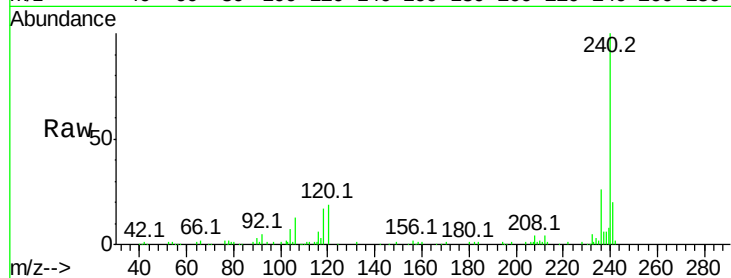
Tot Ion:240 Resp: 162079

Ion Ratio Lower Upper

240 100

120 19.0 6.8 10.2#

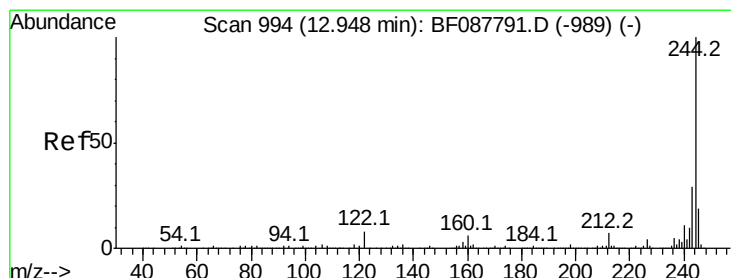
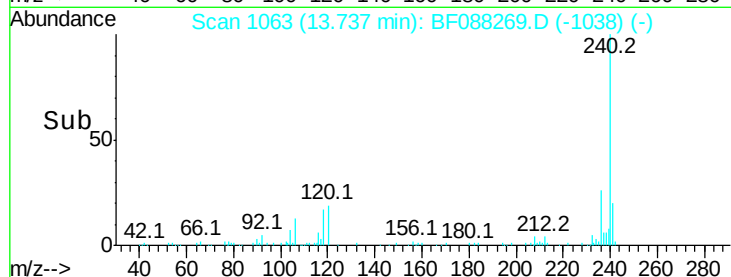
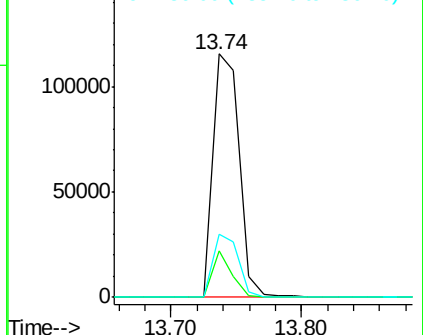
236 25.9 20.2 30.2



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: 67.89 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF088269.D

Acq: 23 Jun 2016 00:39

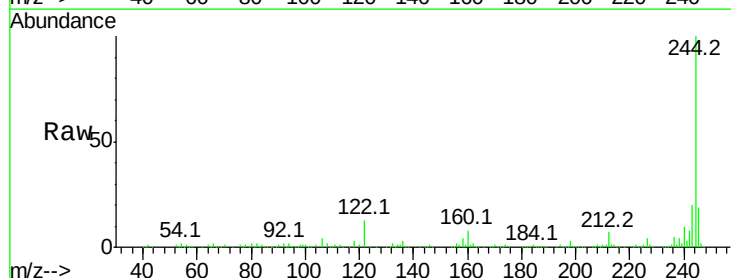
Tgt Ion:244 Resp: 483530

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

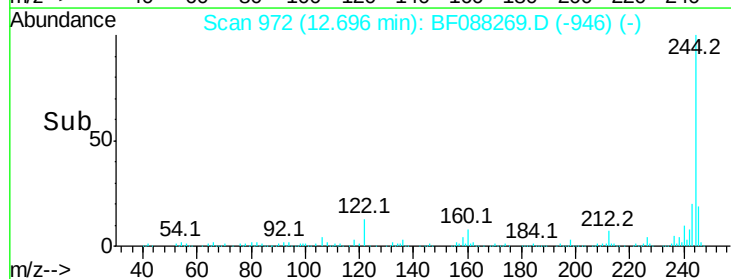
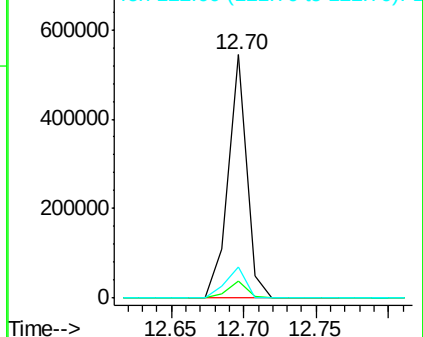
122 13.0 11.2 16.8

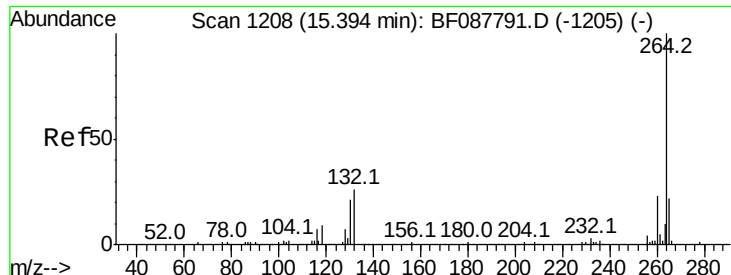


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF088269.D
Acq: 23 Jun 2016 00:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.9	16.9	25.3

