

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088267.D
 Acq On : 22 Jun 2016 23:41
 Operator : UM/SJ
 Sample : H3660-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 02:29:18 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	77406	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	319378	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	138516	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	222700	20.00	ng	0.00
75) Chrysene-d12	13.74	240	157239	20.00	ng	-0.01
86) Perylene-d12	15.11	264	154378	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	483648	106.82	ng	0.01
7) Phenol-d6	6.26	99	621107	113.19	ng	0.00
23) Nitrobenzene-d5	7.18	82	406381	74.30	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	124580	85.18	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	687690	77.50	ng	0.00
78) Terphenyl-d14	12.70	244	438811	63.50	ng	0.00

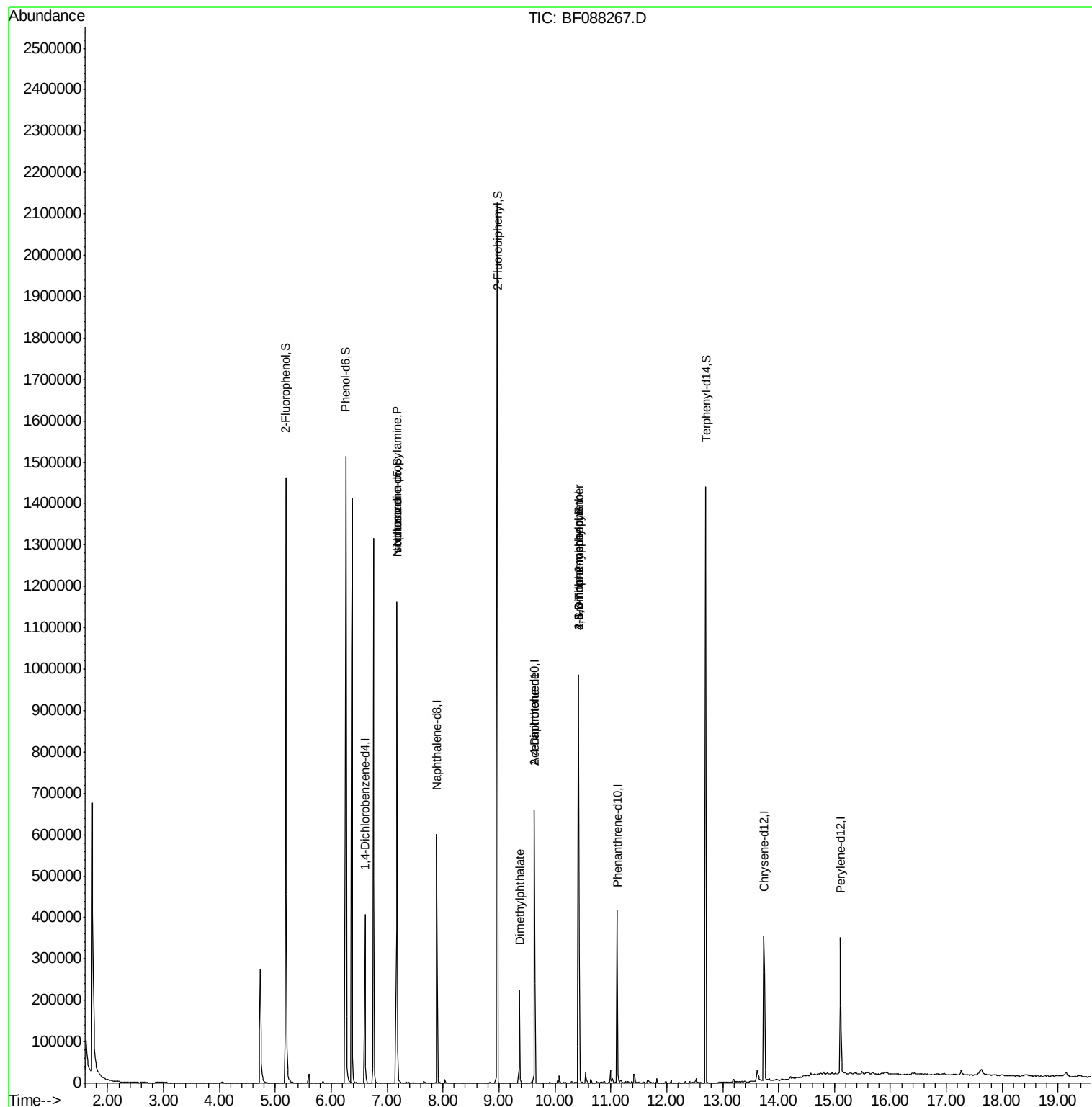
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.27	94	1828	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.18	70	52762	15.03	ng	68
25) Isophorone	7.18	82	406373	40.11	ng	65
45) 1,1'-Biphenyl	8.97	154	1418	Below Cal	#	1
49) Dimethylphthalate	9.37	163	97791	9.75	ng	98
56) 2,4-Dinitrotoluene	9.63	165	17990	6.09	ng	36
57) Fluorene	10.42	166	6271	Below Cal	#	93
64) 4,6-Dinitro-2-methylphenol	10.42	198	215	2.31	ng	1
66) 4-Bromophenyl-phenylether	10.42	248	7786	3.26	ng	1

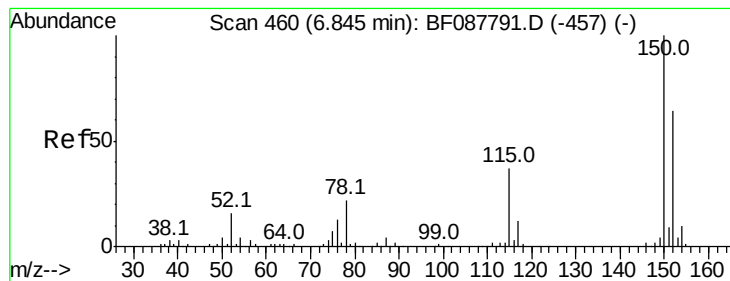
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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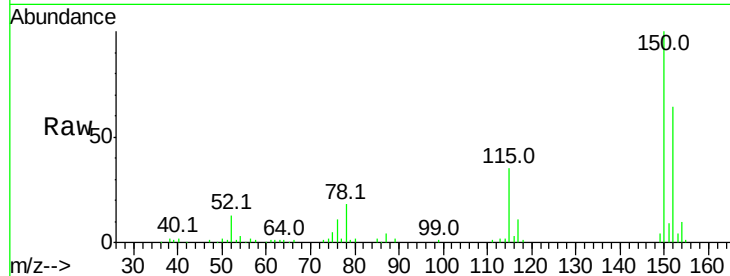


#1

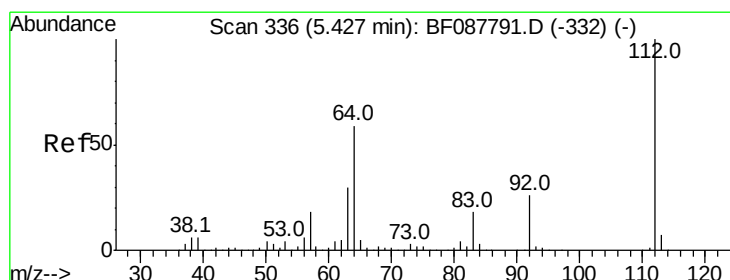
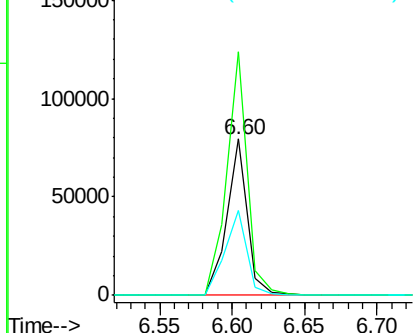
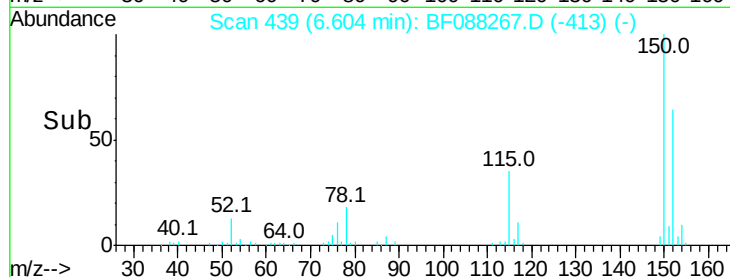
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088267.D
Acq: 22 Jun 2016 23:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77406
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.6
115 54.1 39.6 59.4



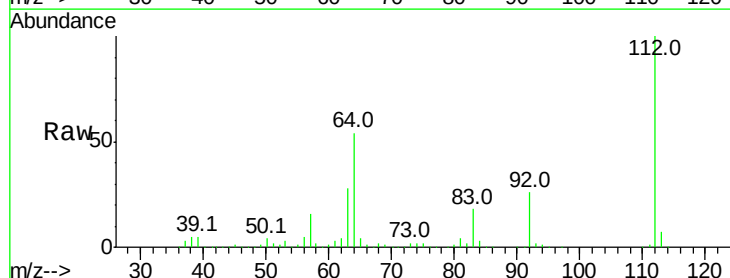
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



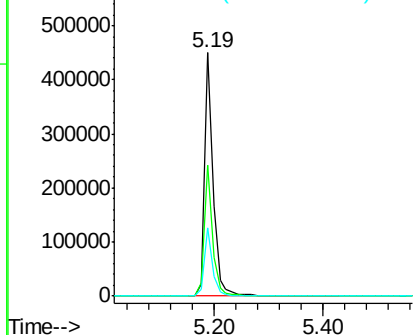
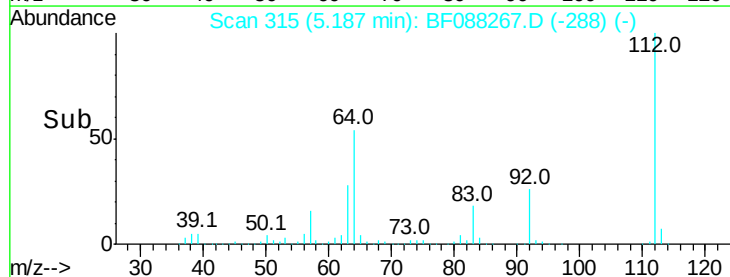
#5

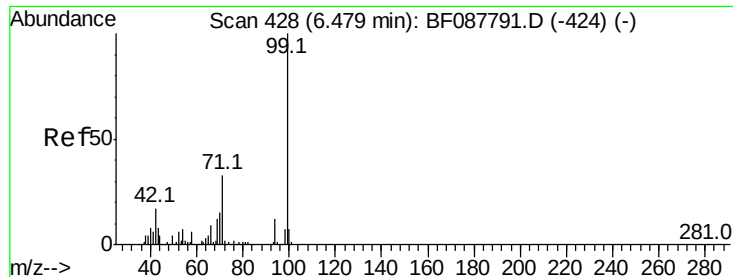
2-Fluorophenol
Concen: 106.82 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088267.D
Acq: 22 Jun 2016 23:41

Tgt Ion:112 Resp: 483648
Ion Ratio Lower Upper
112 100
64 54.0 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: 113.19 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088267.D

Acq: 22 Jun 2016 23:41

Instrument :

BNA_F

ClientSampleId :

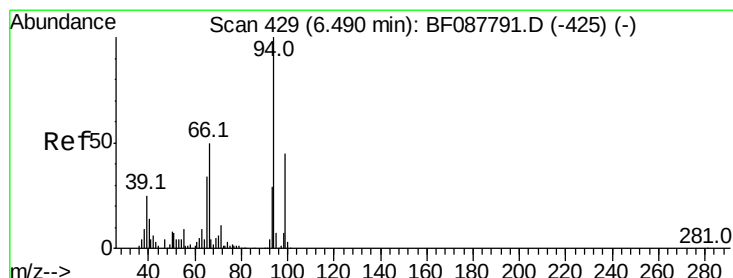
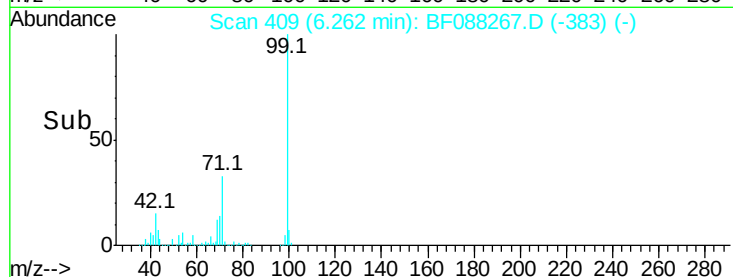
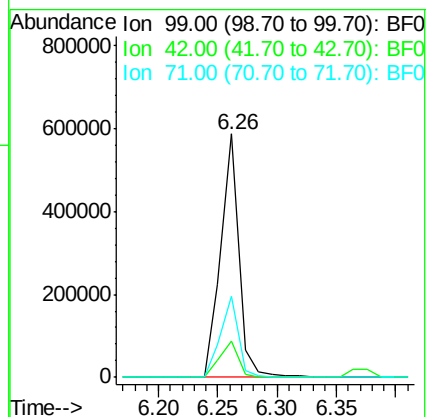
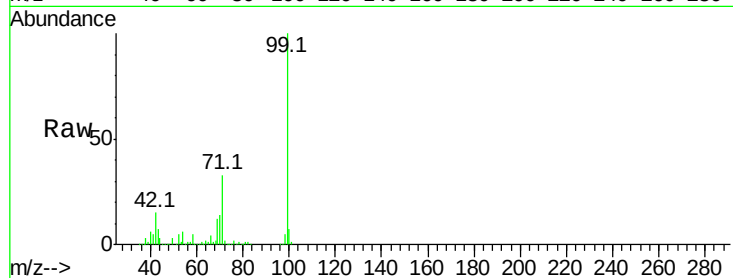
Tot Ion: 99 Resp: 621107

Ion Ratio Lower Upper

99 100

42 14.7 12.2 18.2

71 33.4 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF088267.D

Acq: 22 Jun 2016 23:41

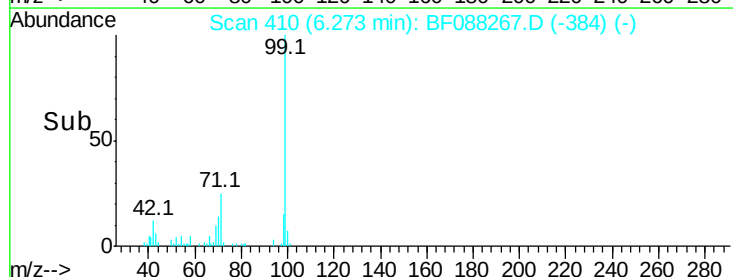
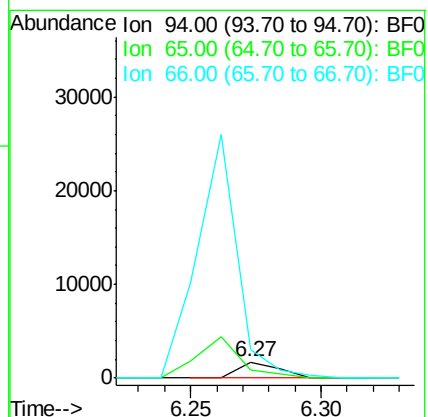
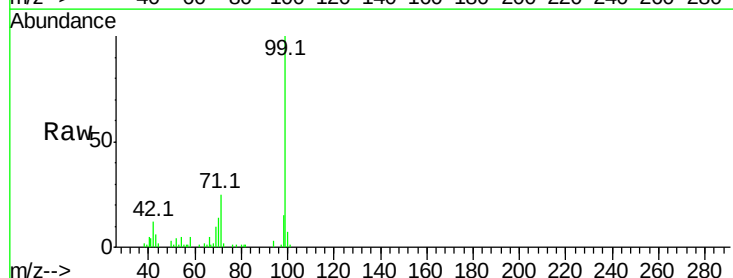
Tgt Ion: 94 Resp: 1828

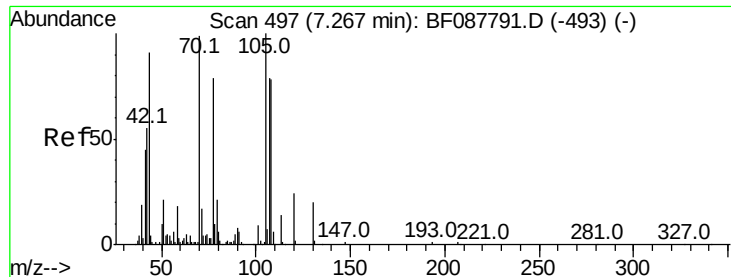
Ion Ratio Lower Upper

94 100

65 51.6 5.9 45.9#

66 174.7 14.0 54.0#

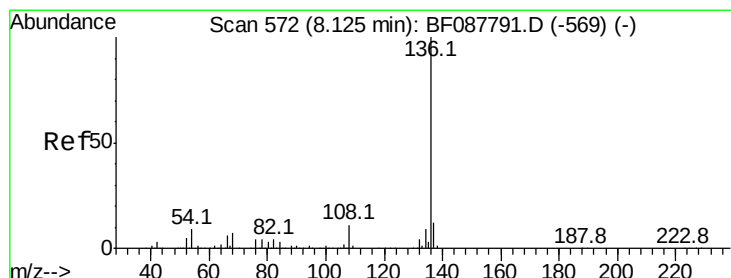
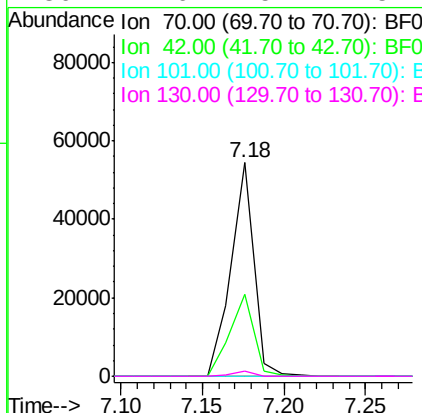
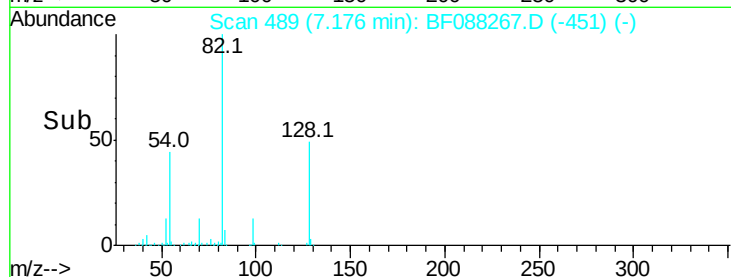
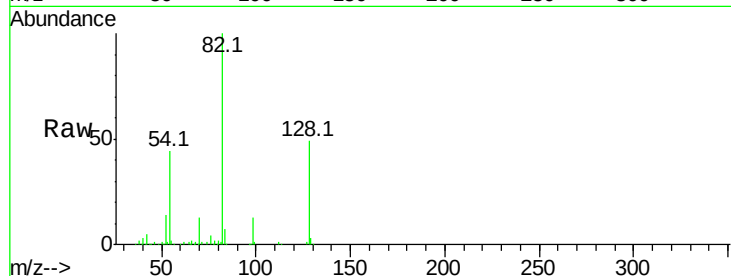




#19
n-Nitroso-di-n-propylamine
Concen: 15.03 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.14 min
Lab File: BF088267.D
Acq: 22 Jun 2016 23:41

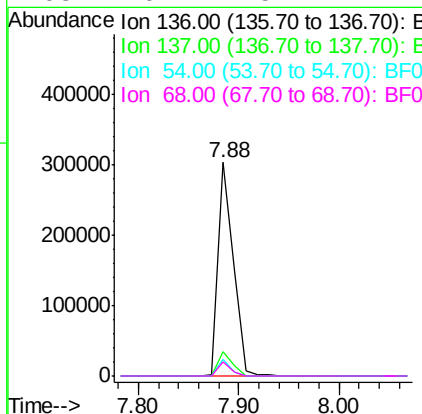
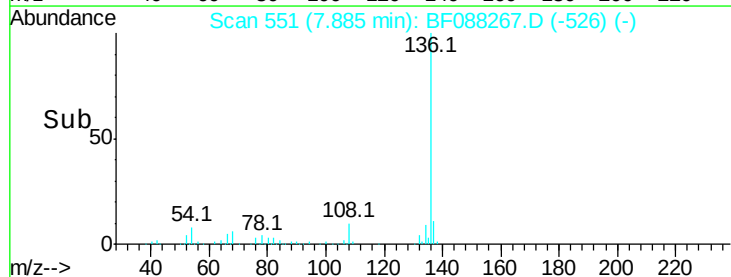
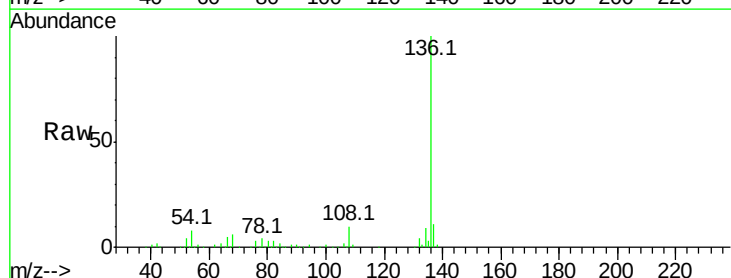
Instrument :
BNA_F
ClientSampled :

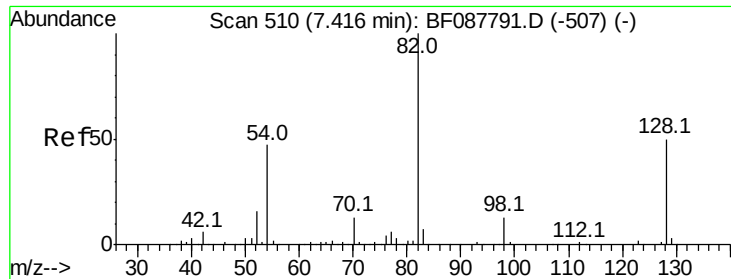
Tot Ion: 70 Resp: 52762
Ion Ratio Lower Upper
70 100
42 38.2 49.6 74.4#
101 0.0 7.1 10.7#
130 2.6 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088267.D
Acq: 22 Jun 2016 23:41

Tgt Ion: 136 Resp: 319378
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.0 6.6 10.0
68 6.4 5.1 7.7

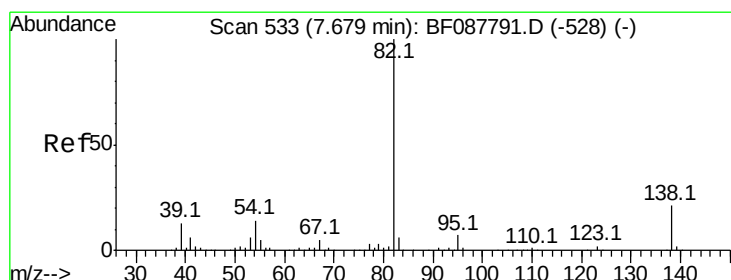
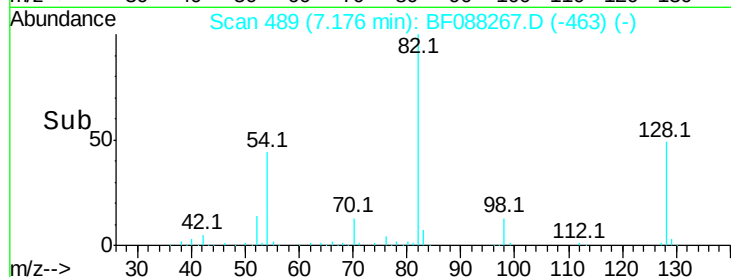
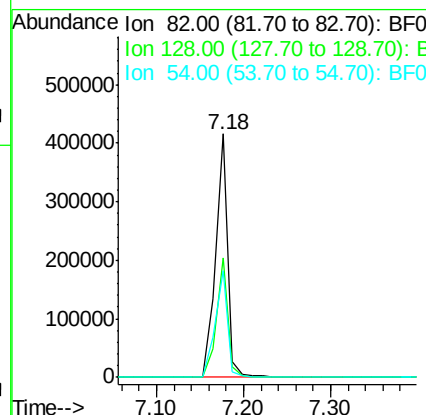
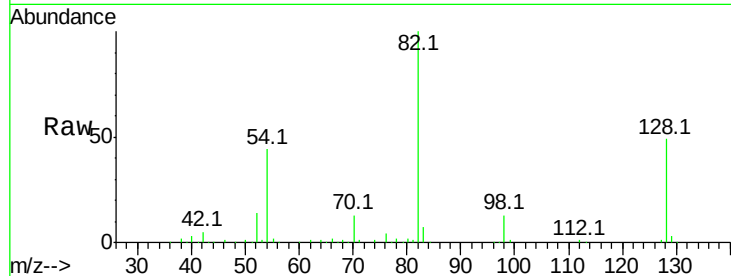




#23
 Nitrobenzene-d5
 Concen: 74.30 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF088267.D
 Acq: 22 Jun 2016 23:41

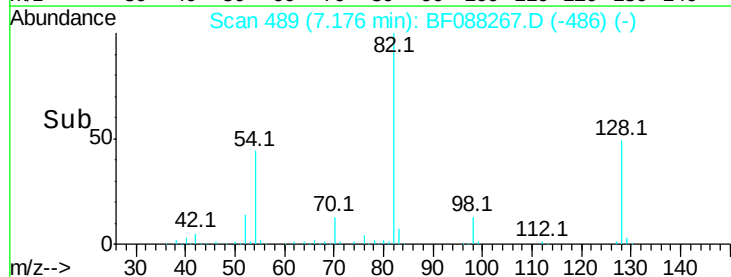
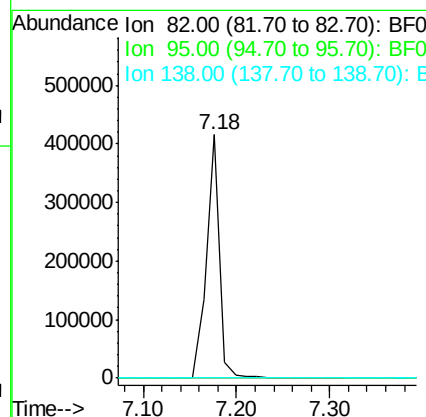
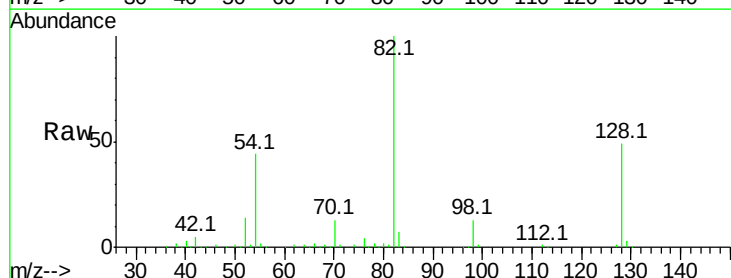
Instrument :
 BNA_F
 ClientSampleId :

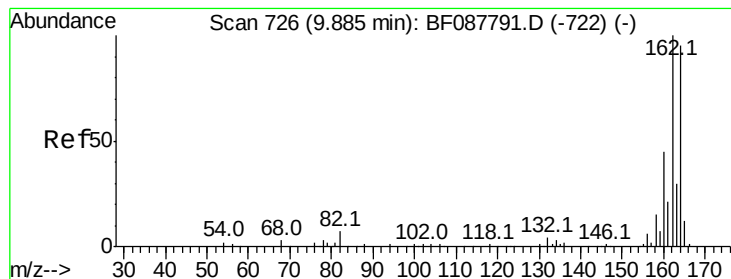
Tot Ion	82	Resp	406381
Ion Ratio	Lower	Upper	
82	100		
128	49.1	35.9	53.9
54	43.9	40.9	61.3



#25
 Isophorone
 Concen: 40.11 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.26 min
 Lab File: BF088267.D
 Acq: 22 Jun 2016 23:41

Tgt Ion	82	Resp	406373
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: BF088267.D

Acq: 22 Jun 2016 23:41

Instrument :

BNA_F

ClientSampleId :

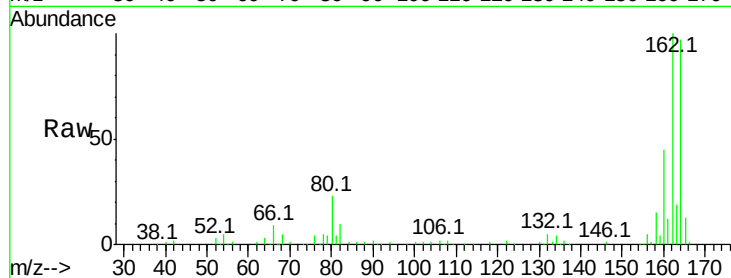
Tot Ion:164 Resp: 138516

Ion Ratio Lower Upper

164 100

162 102.7 85.4 128.2

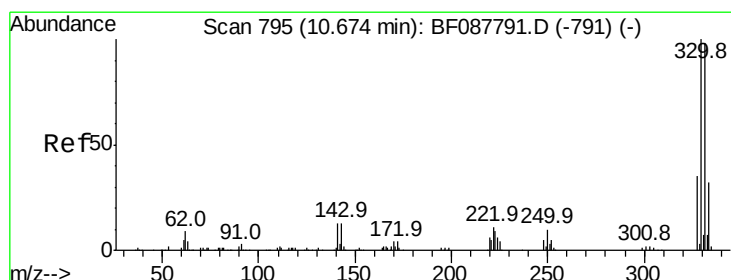
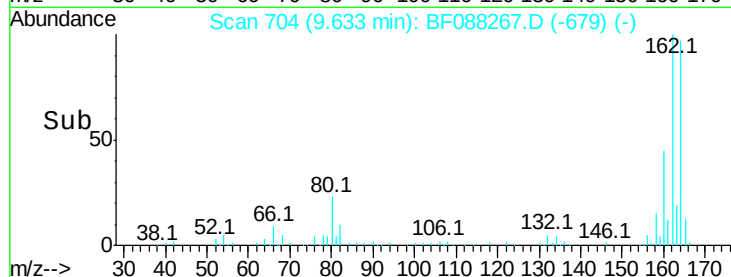
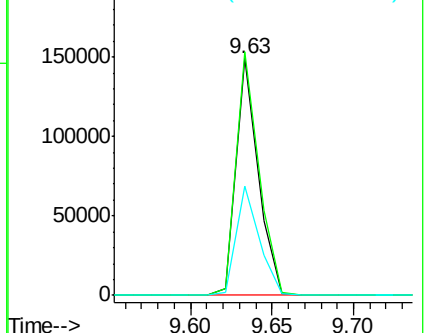
160 46.3 39.5 59.3



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: 85.18 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF088267.D

Acq: 22 Jun 2016 23:41

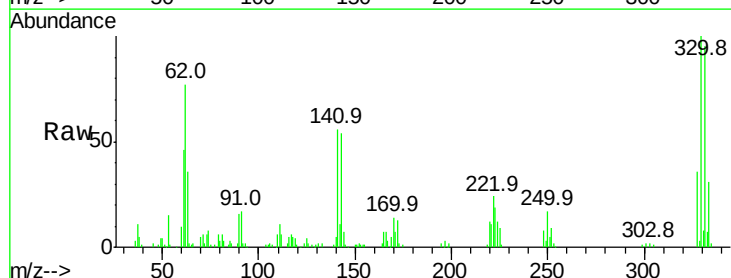
Tgt Ion:330 Resp: 124580

Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

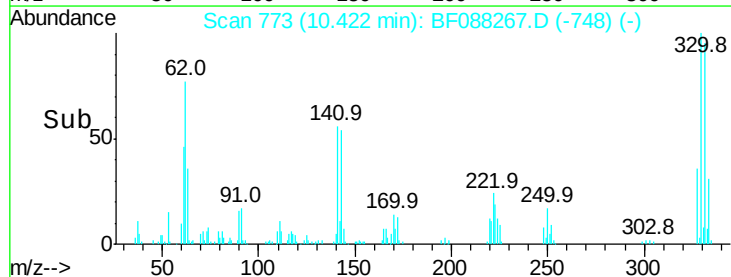
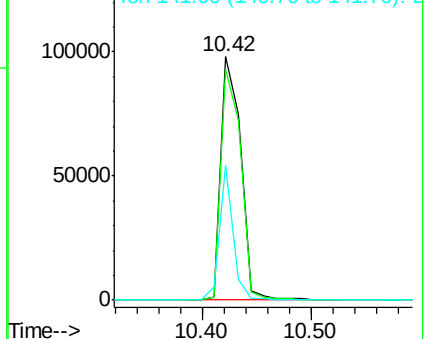
141 38.5 0.0 0.0#

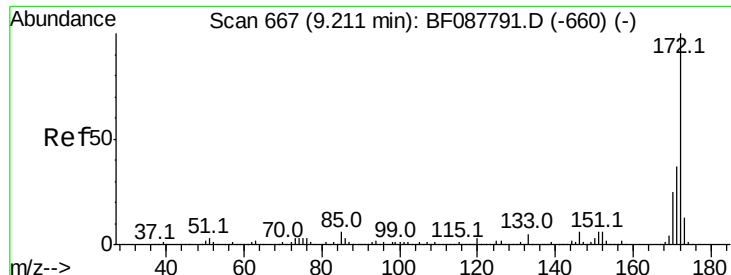


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

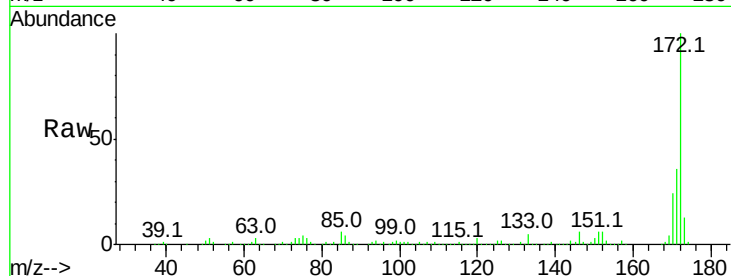




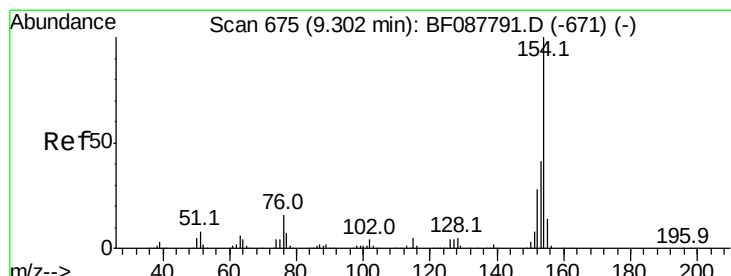
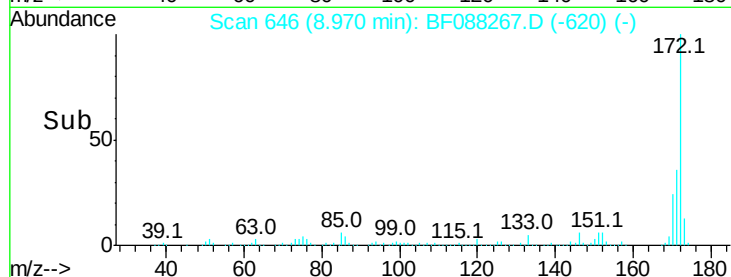
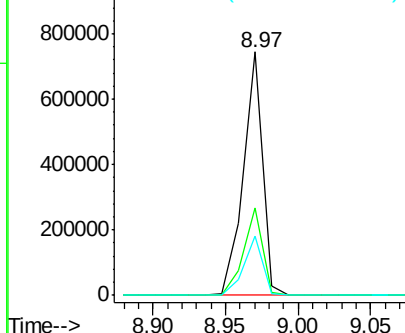
#44
2-Fluorobiphenyl
Concen: 77.50 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF088267.D
Acq: 22 Jun 2016 23:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 687690
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.2 19.2 28.8

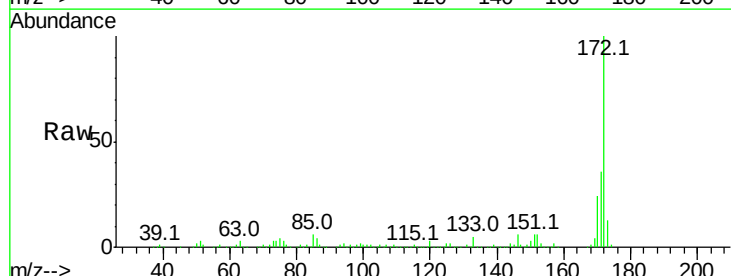


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

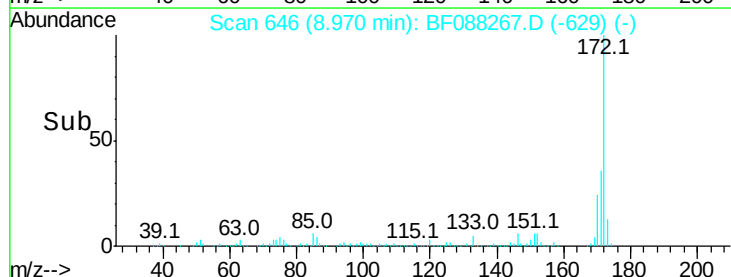
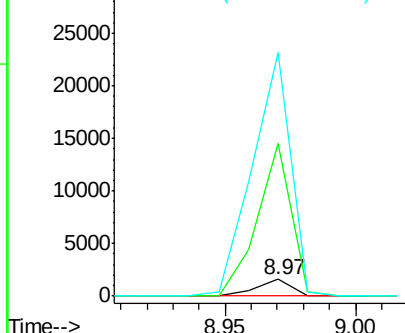


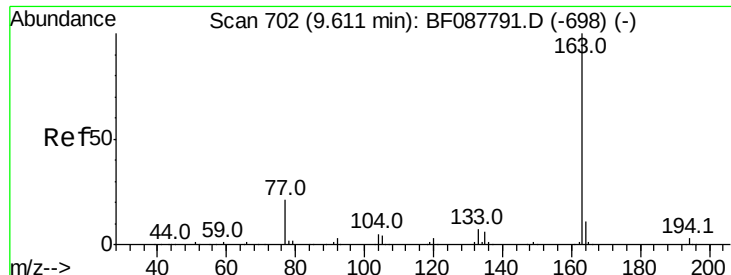
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 8.97 min Scan# 646
Delta R.T. -0.10 min
Lab File: BF088267.D
Acq: 22 Jun 2016 23:41

Tgt Ion:154 Resp: 1418
Ion Ratio Lower Upper
154 100
153 914.0 20.6 60.6#
76 1461.6 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

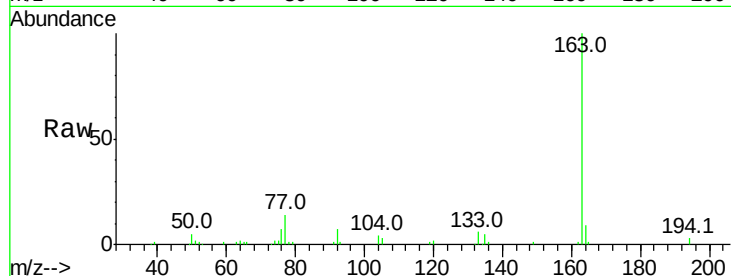




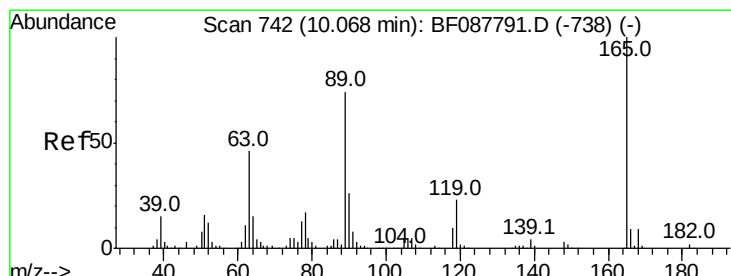
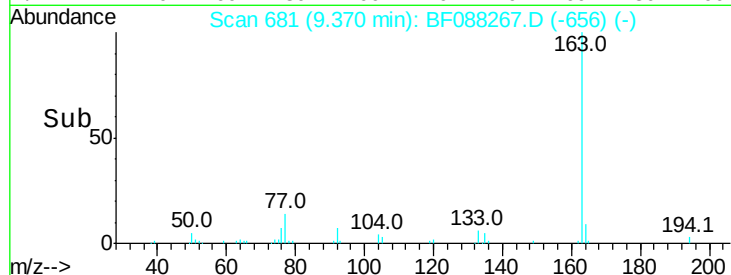
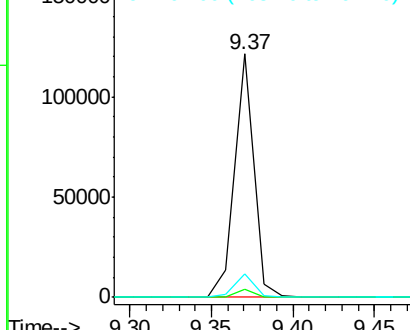
#49
Dimethylphthalate
Concen: 9.75 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088267.D
Acq: 22 Jun 2016 23:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 97791
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 9.5 8.3 12.5

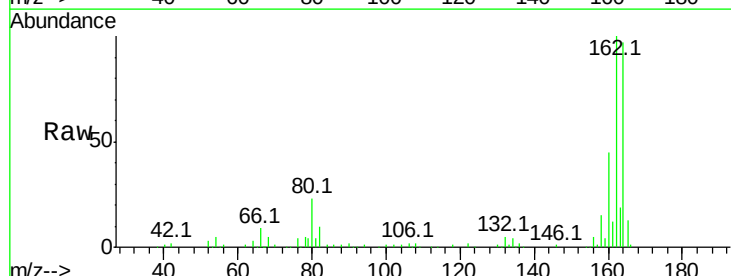


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

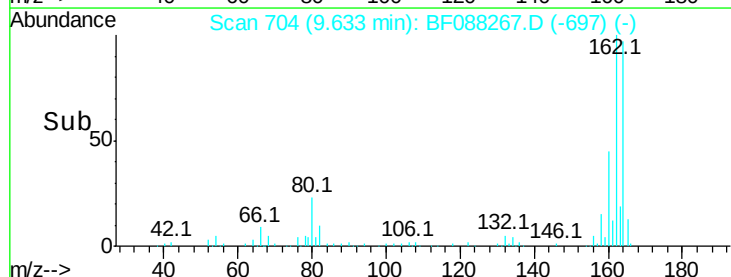
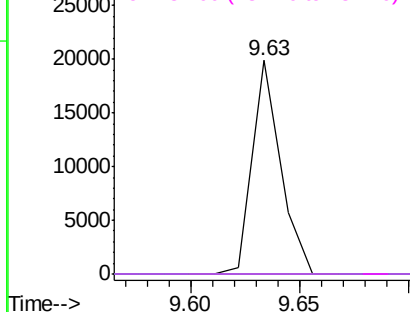


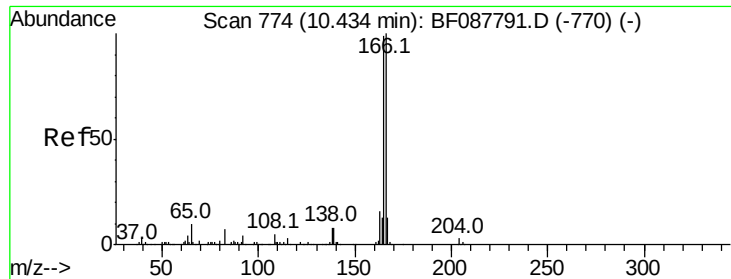
#56
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.22 min
Lab File: BF088267.D
Acq: 22 Jun 2016 23:41

Tgt Ion:165 Resp: 17990
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

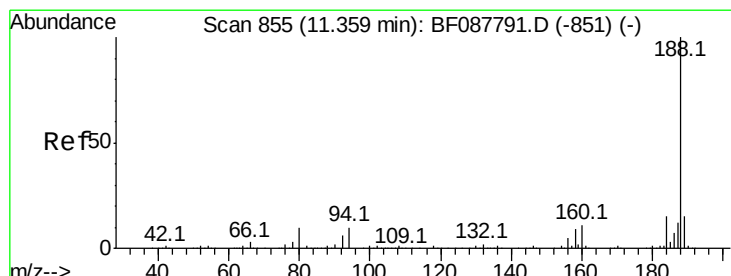
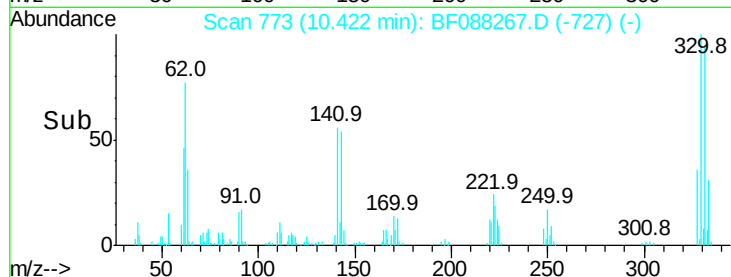
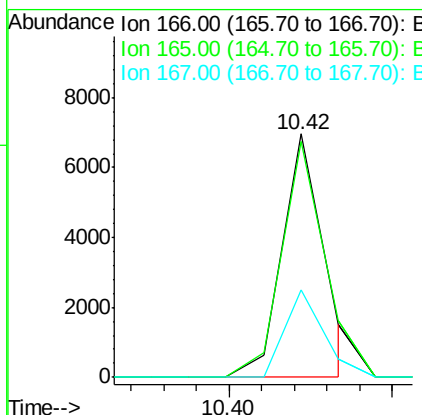
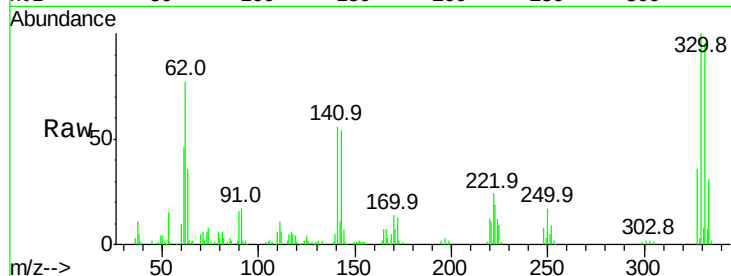




#57
 Fluorene
 Concen: Below Cal
 RT: 10.42 min Scan# 773
 Delta R.T. 0.23 min
 Lab File: BF088267.D
 Acq: 22 Jun 2016 23:41

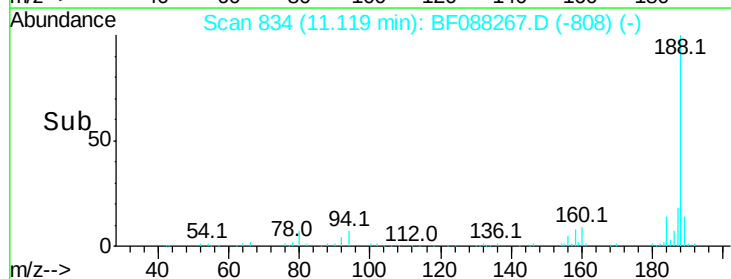
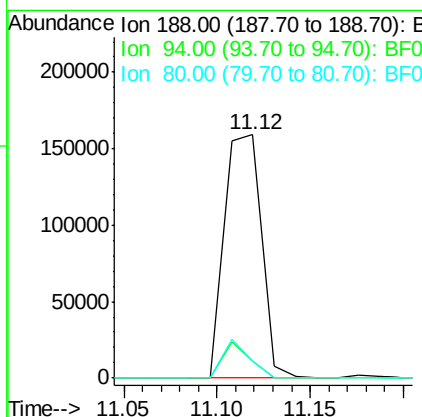
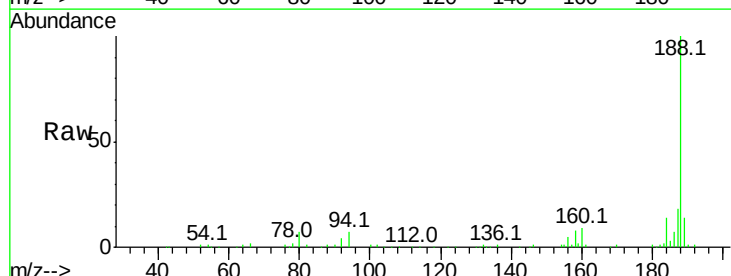
Instrument :
 BNA_F
 ClientSampleId :

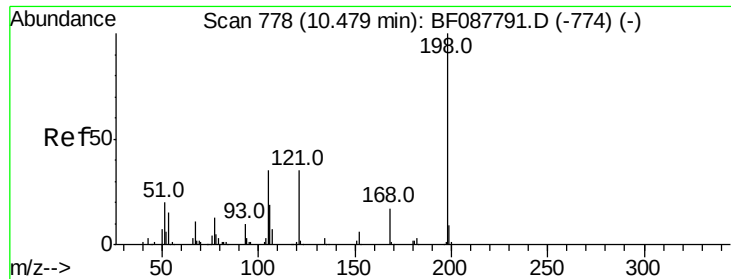
Tot Ion:166 Resp: 6271
 Ion Ratio Lower Upper
 166 100
 165 96.9 77.8 116.8
 167 36.1 11.2 16.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF088267.D
 Acq: 22 Jun 2016 23:41

Tgt Ion:188 Resp: 222700
 Ion Ratio Lower Upper
 188 100
 94 6.8 9.0 13.6#
 80 6.8 10.0 15.0#





#64

4,6-Dinitro-2-methylphenol

Concen: 2.31 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.16 min

Lab File: BF088267.D

Acq: 22 Jun 2016 23:41

Instrument :

BNA_F

ClientSampleId :

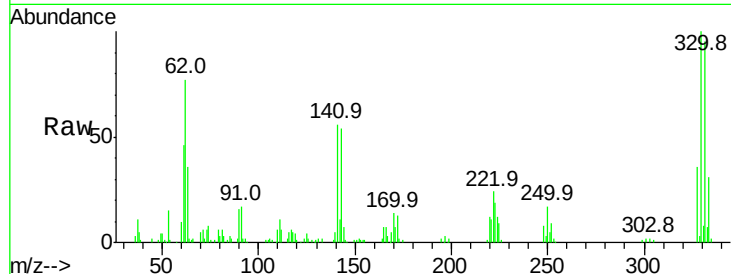
Tot Ion:198 Resp: 215

Ion Ratio Lower Upper

198 100

51 181.8 39.6 79.6#

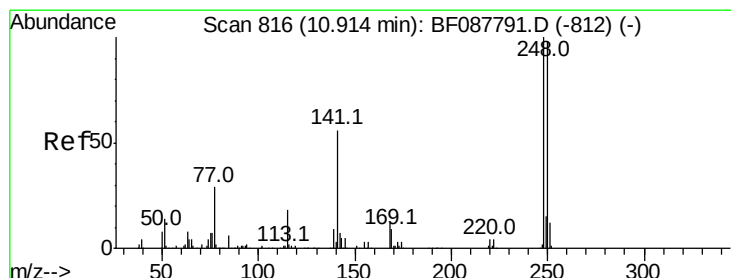
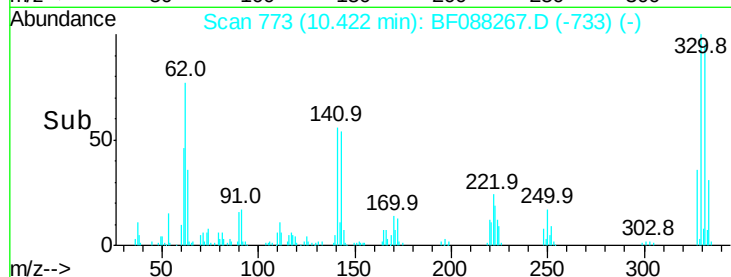
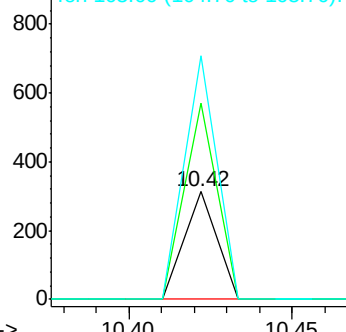
105 226.2 36.6 76.6#



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: 3.26 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.25 min

Lab File: BF088267.D

Acq: 22 Jun 2016 23:41

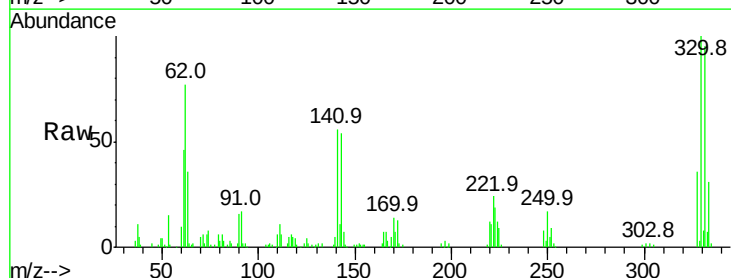
Tgt Ion:248 Resp: 7786

Ion Ratio Lower Upper

248 100

250 198.5 77.1 115.7#

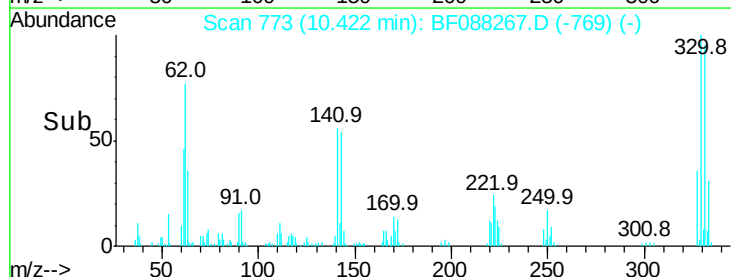
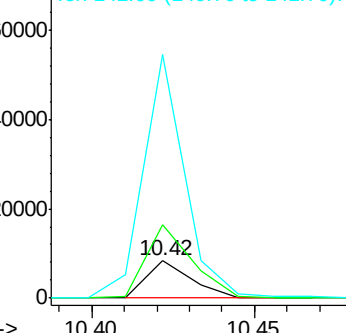
141 659.0 50.6 76.0#

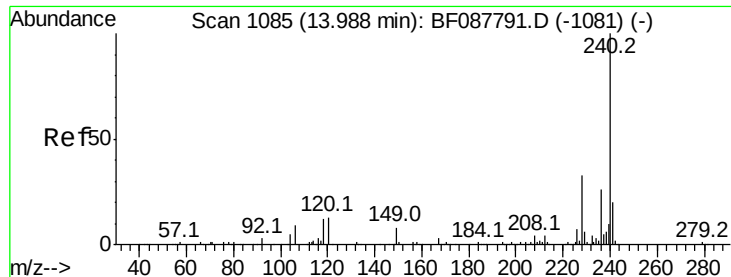


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF088267.D

Acq: 22 Jun 2016 23:41

Instrument :

BNA_F

ClientSampleId :

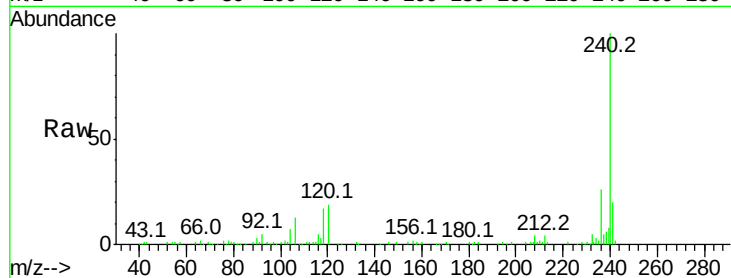
Tot Ion:240 Resp: 157239

Ion Ratio Lower Upper

240 100

120 19.2 6.8 10.2#

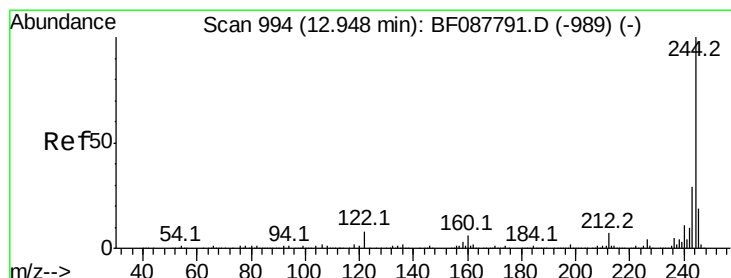
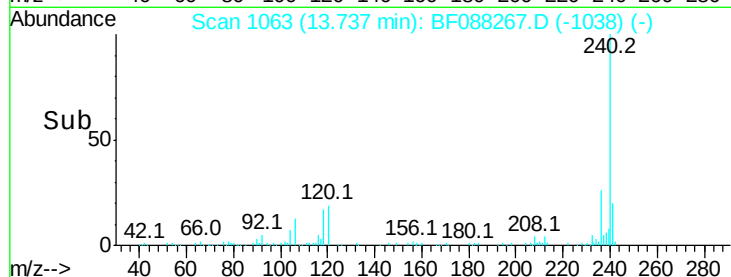
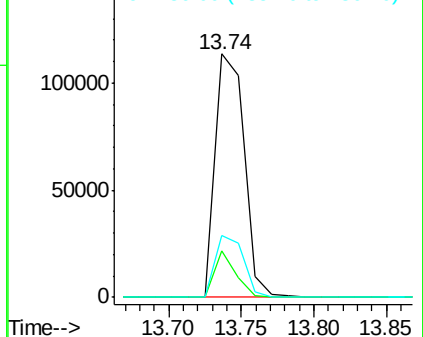
236 25.6 20.2 30.2



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: 63.50 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088267.D

Acq: 22 Jun 2016 23:41

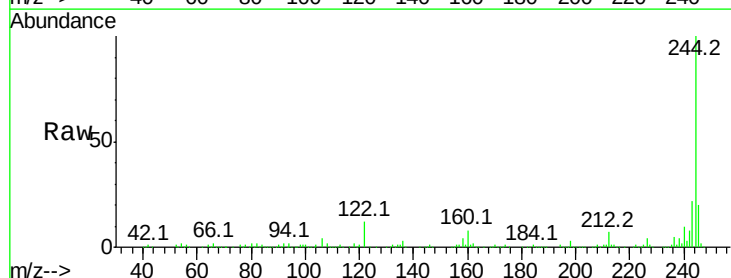
Tgt Ion:244 Resp: 438811

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

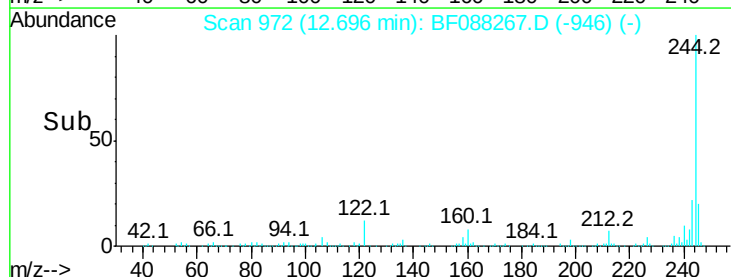
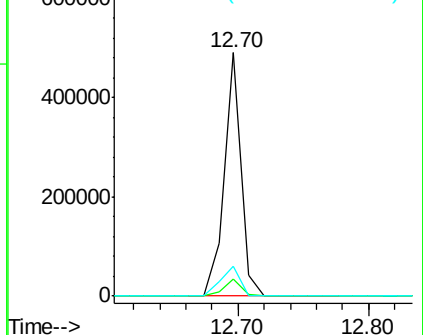
122 12.1 11.2 16.8

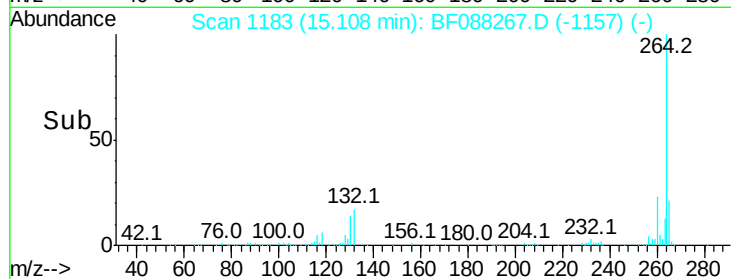
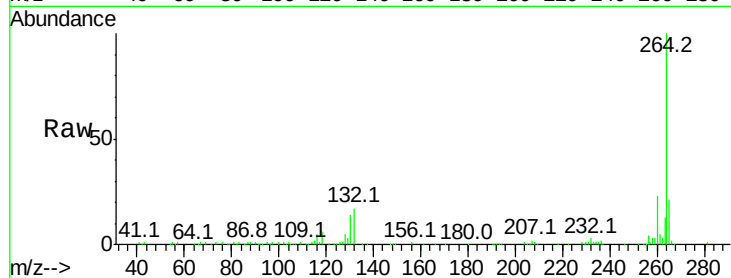
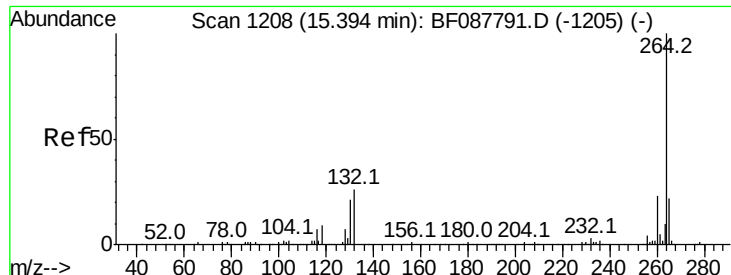


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF088267.D

Acq: 22 Jun 2016 23:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 154378

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 20.9 16.9 25.3

