

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091917\
 Data File : BF098640.D
 Acq On : 19 Sep 2017 14:39
 Operator : SJ/JU
 Sample : PB102381BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102430BL

Quant Time: Sep 20 01:18:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

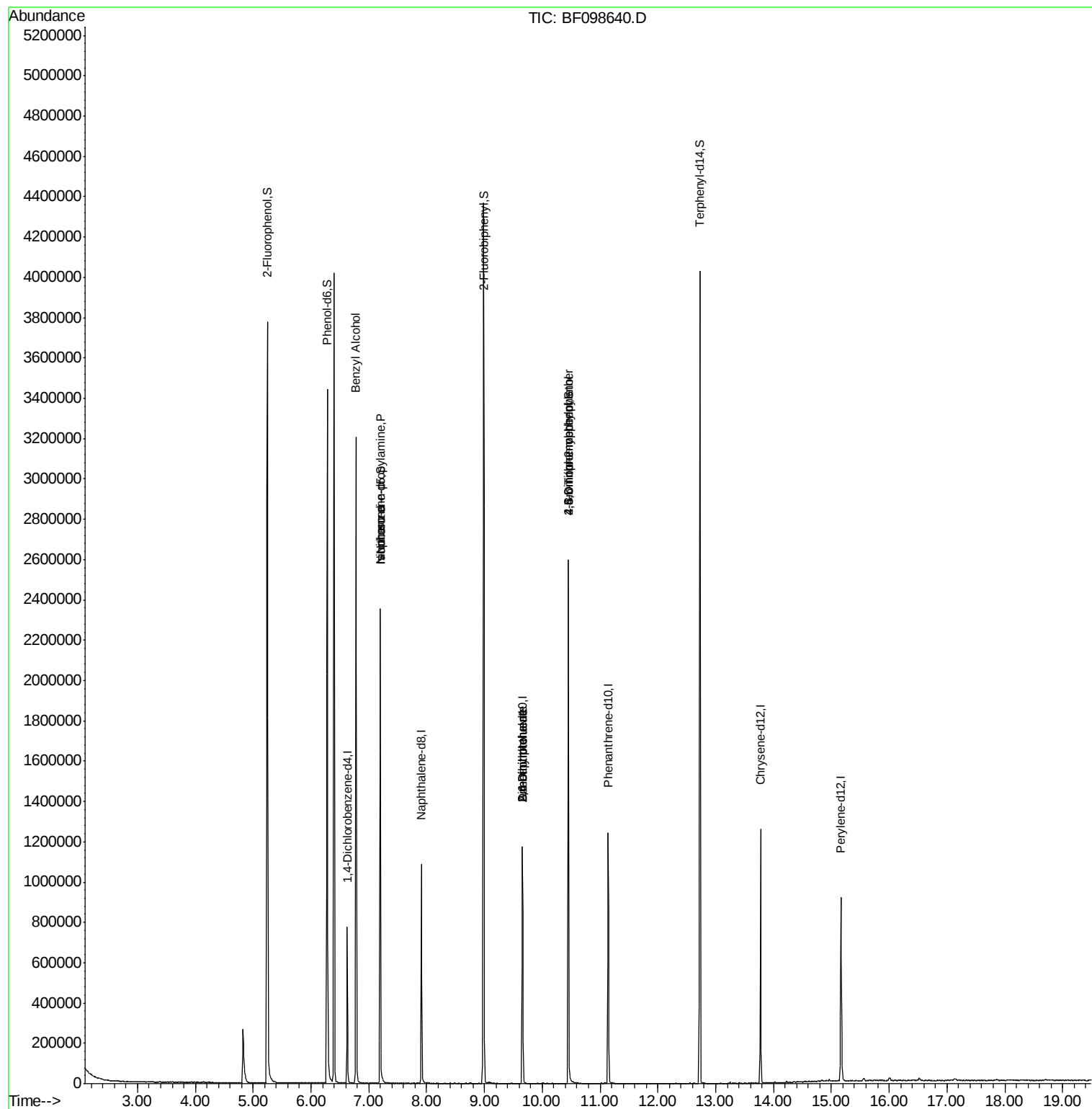
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	116685	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	491285	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	228047	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	435098	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	388005	20.00	ng	-0.01
86) Perylene-d12	15.17	264	367473	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1093970	138.62	ng	0.00
7) Phenol-d6	6.29	99	1325482	132.28	ng	0.00
23) Nitrobenzene-d5	7.20	82	813119	92.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	278533	183.00	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1446255	107.49	ng	-0.01
78) Terphenyl-d14	12.73	244	1415883	78.77	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.78	79	14145	2.12	ng	# 41
19) n-Nitroso-di-n-propylamine	7.20	70	111944	17.76	ng	# 80
25) Isophorone	7.20	82	813113	45.60	ng	# 67
49) Dimethylphthalate	9.66	163	67363	3.82	ng	# 1
50) 2,6-Dinitrotoluene	9.66	165	28004	7.72	ng	# 34
56) 2,4-Dinitrotoluene	9.66	165	28004	6.35	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.45	198	743	5.21	ng	# 1
66) 4-Bromophenyl-phenylether	10.45	248	21554	5.22	ng	# 1

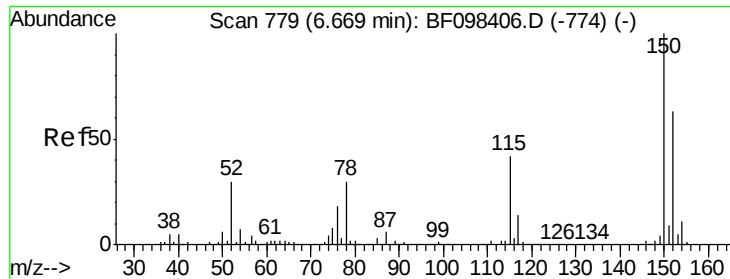
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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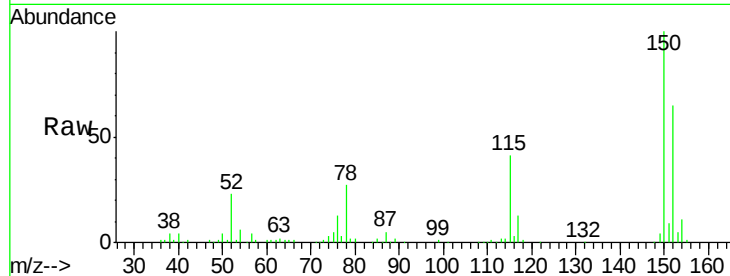


#1

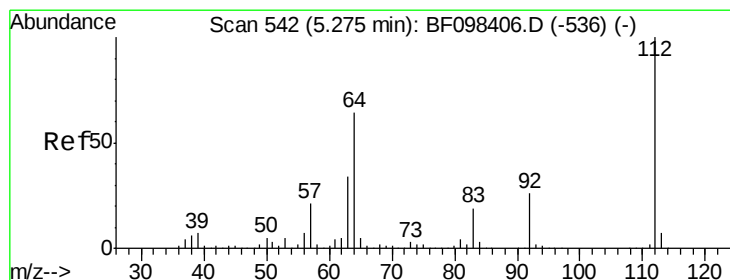
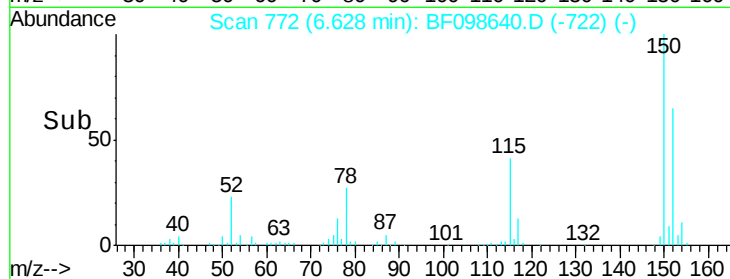
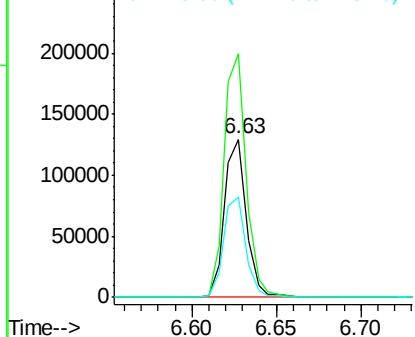
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF098640.D
 Acq: 19 Sep 2017 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB102430BL

Tot Ion:152 Resp: 116685
 Ion Ratio Lower Upper
 152 100
 150 154.2 126.2 189.2
 115 63.8 52.2 78.2



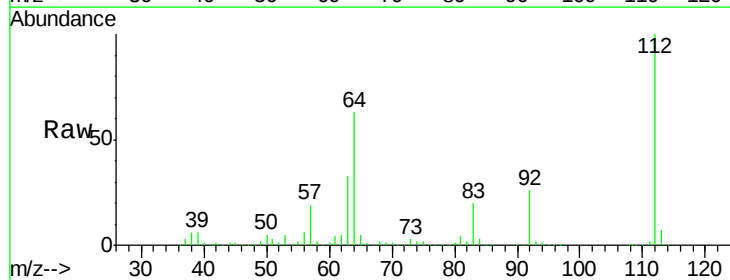
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



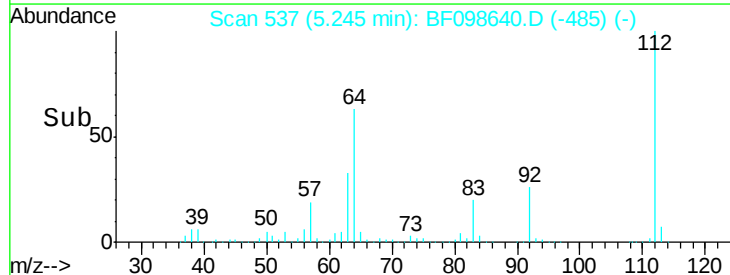
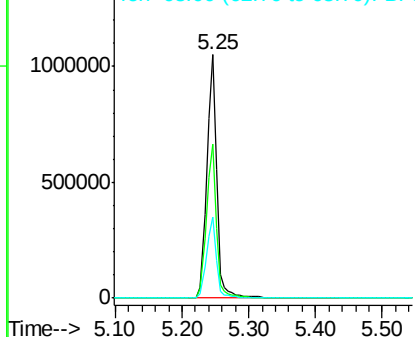
#5

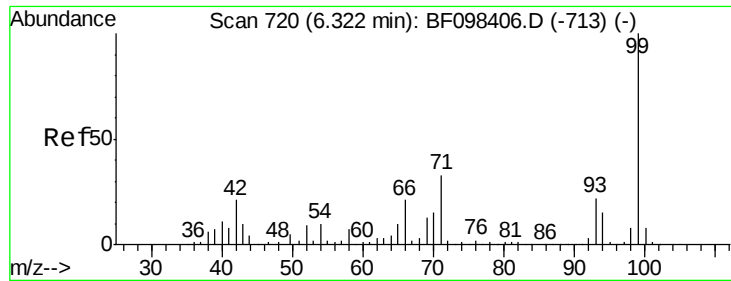
2-Fluorophenol
 Concen: 138.62 ng
 RT: 5.25 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: BF098640.D
 Acq: 19 Sep 2017 14:39

Tgt Ion:112 Resp: 1093970
 Ion Ratio Lower Upper
 112 100
 64 63.5 46.0 69.0
 63 33.1 23.4 35.0



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: 132.28 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF098640.D

Acq: 19 Sep 2017 14:39

Instrument :

BNA_F

ClientSampleId :

PB102430BL

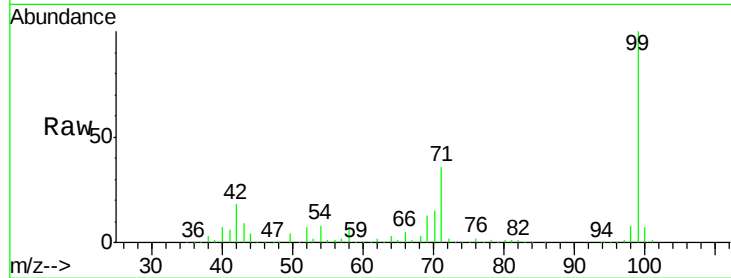
Tot Ion: 99 Resp: 1325482

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

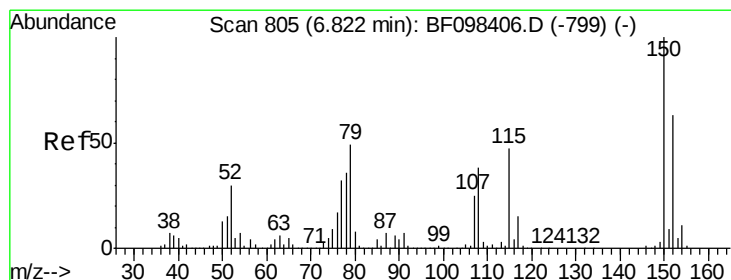
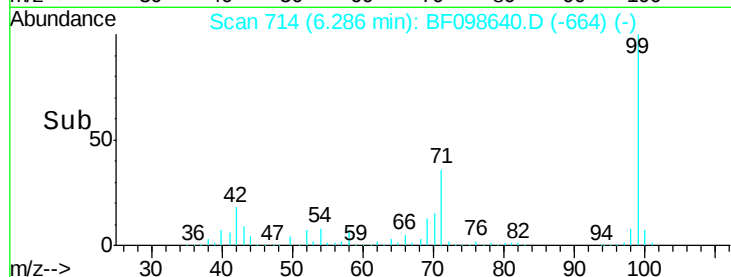
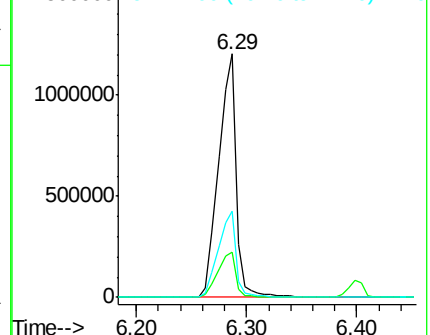
71 35.6 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF098640.D

Acq: 19 Sep 2017 14:39

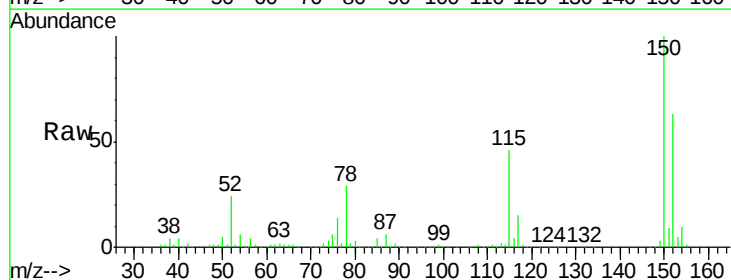
Tgt Ion: 79 Resp: 14145

Ion Ratio Lower Upper

79 100

108 31.3 63.4 95.0#

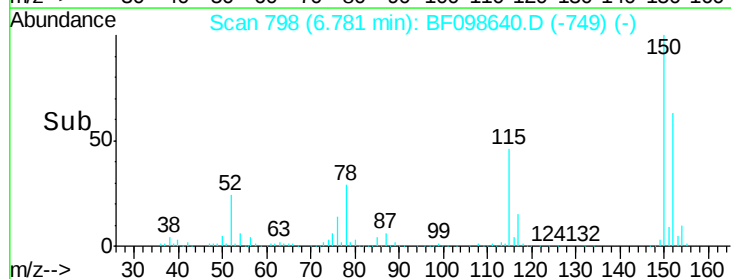
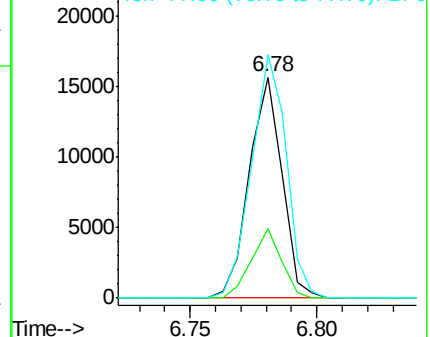
77 110.4 49.2 73.8#

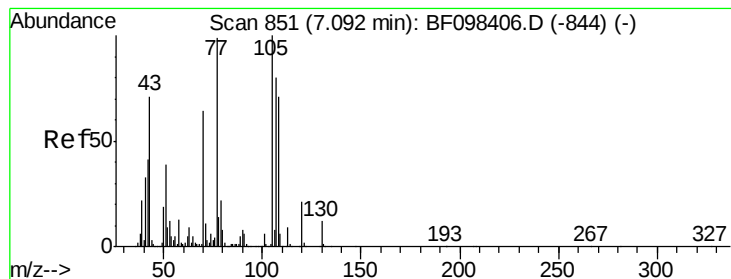


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.76 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.14 min

Lab File: BF098640.D

Acq: 19 Sep 2017 14:39

Instrument :

BNA_F

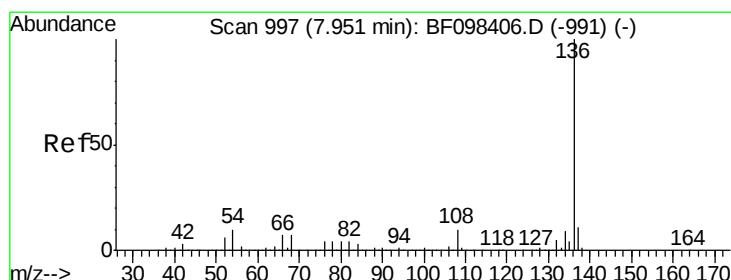
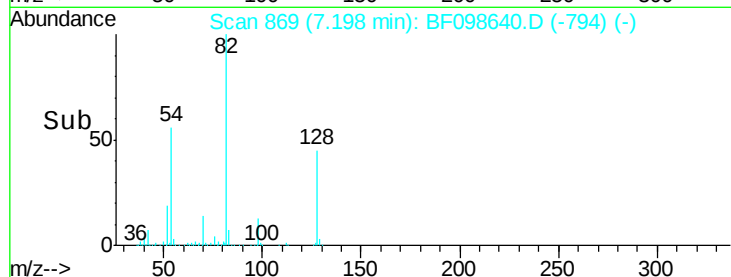
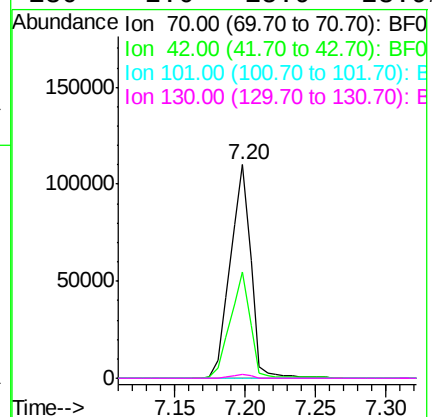
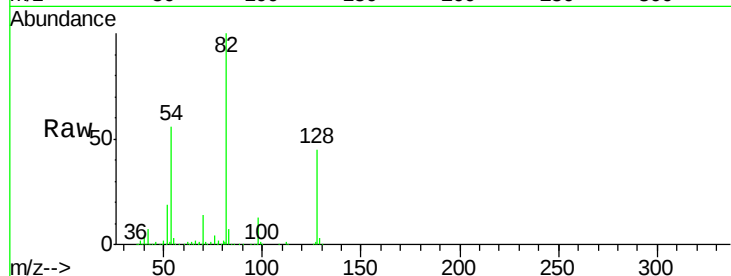
ClientSampleId :

PB102430BL

Tot Ion: 70 Resp: 111944

Ion Ratio Lower Upper

70	100		
42	49.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

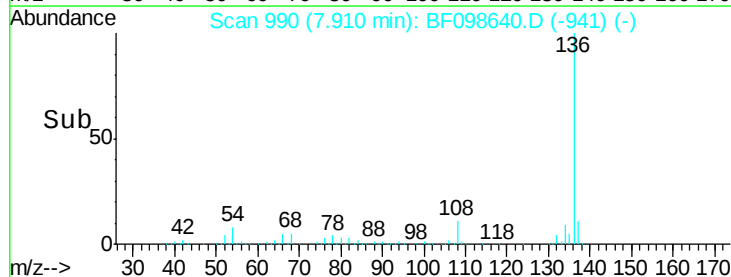
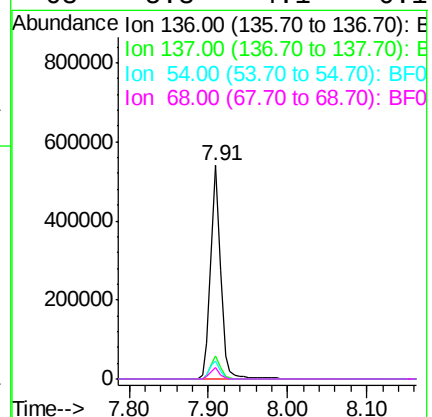
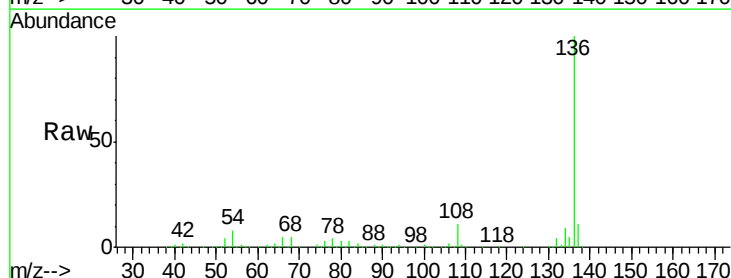
Lab File: BF098640.D

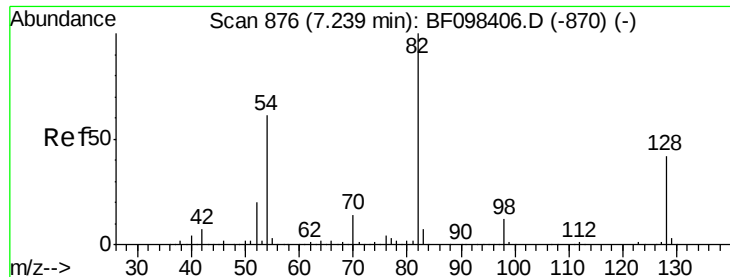
Acq: 19 Sep 2017 14:39

Tgt Ion: 136 Resp: 491285

Ion Ratio Lower Upper

136	100		
137	11.0	8.5	12.7
54	8.4	4.9	7.3#
68	5.3	4.1	6.1

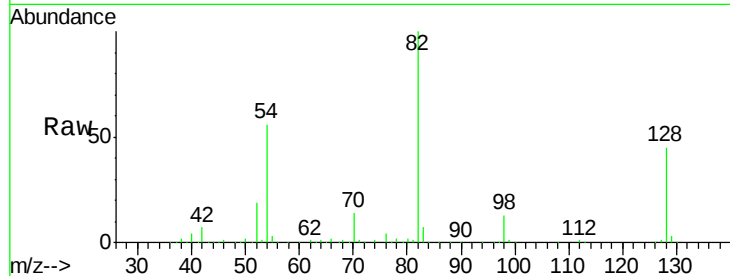




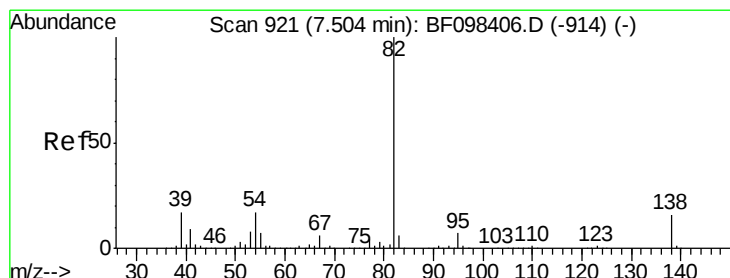
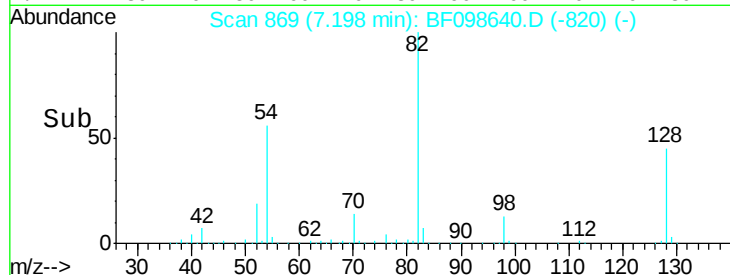
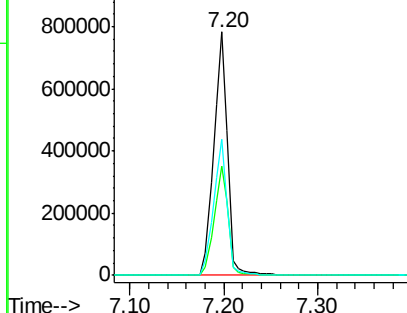
#23
Nitrobenzene-d5
Concen: 92.27 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF098640.D
Acq: 19 Sep 2017 14:39

Instrument :
BNA_F
ClientSampleId :
PB102430BL

Tot Ion: 82 Resp: 813119
Ion Ratio Lower Upper
82 100
128 44.6 34.0 51.0
54 56.1 42.2 63.2

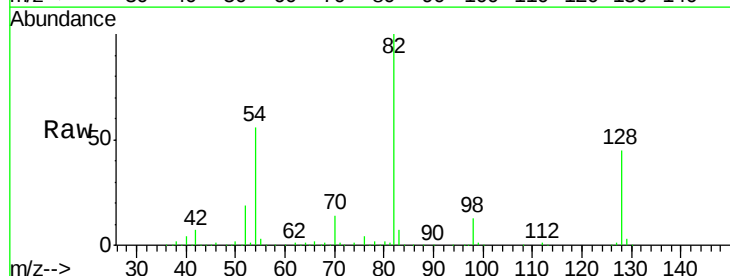


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

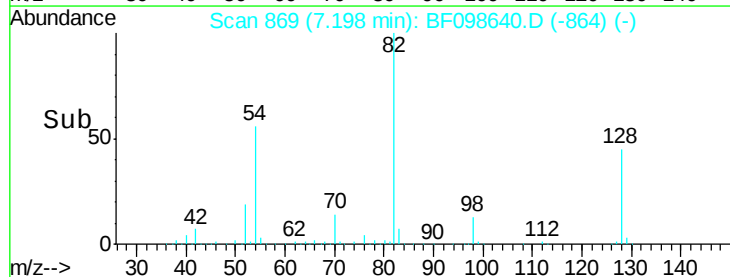
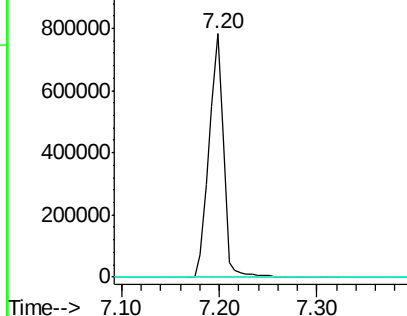


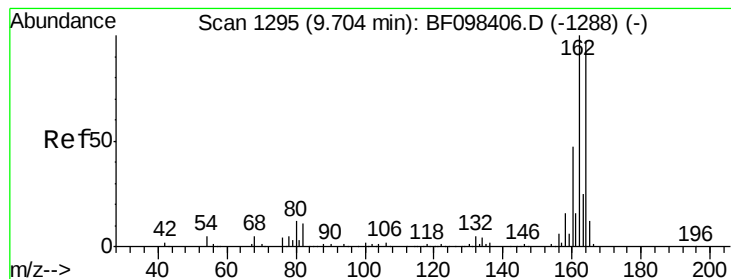
#25
Isophorone
Concen: 45.60 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.27 min
Lab File: BF098640.D
Acq: 19 Sep 2017 14:39

Tgt Ion: 82 Resp: 813113
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF098640.D

Acq: 19 Sep 2017 14:39

Instrument :

BNA_F

ClientSampleId :

PB102430BL

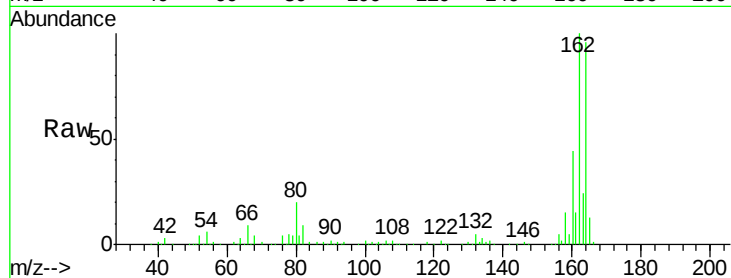
Tot Ion:164 Resp: 228047

Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

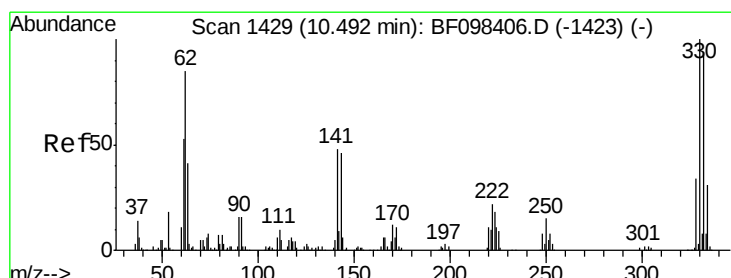
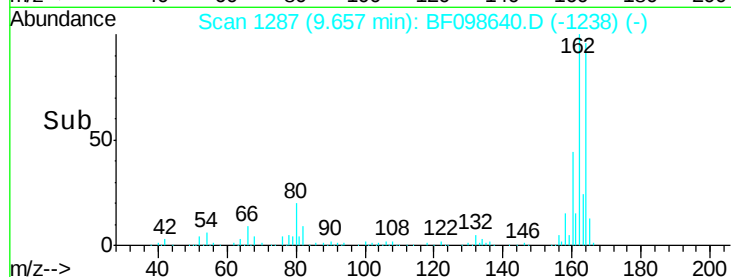
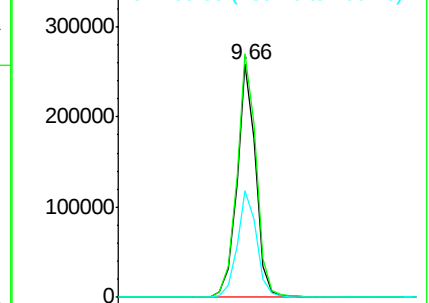
160 45.8 36.2 54.2



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: 183.00 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF098640.D

Acq: 19 Sep 2017 14:39

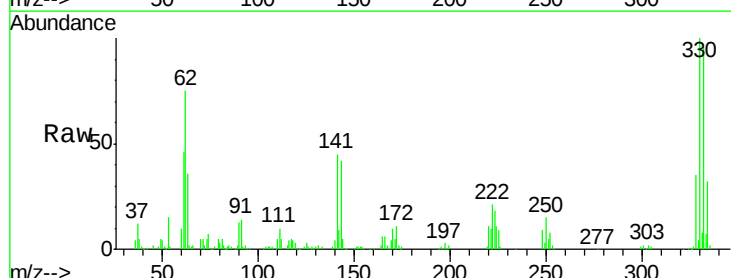
Tgt Ion:330 Resp: 278533

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

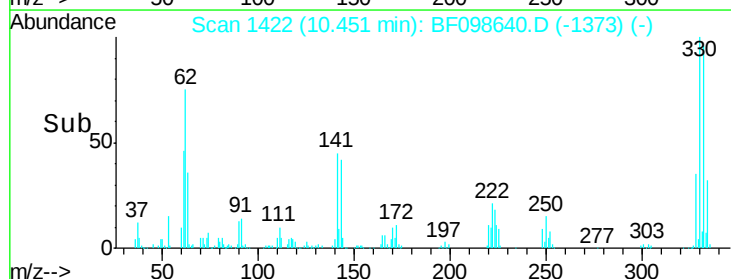
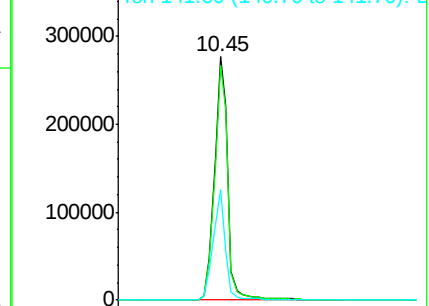
141 42.3 31.4 47.2

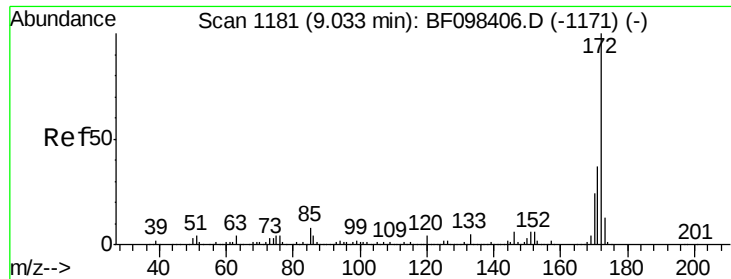


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

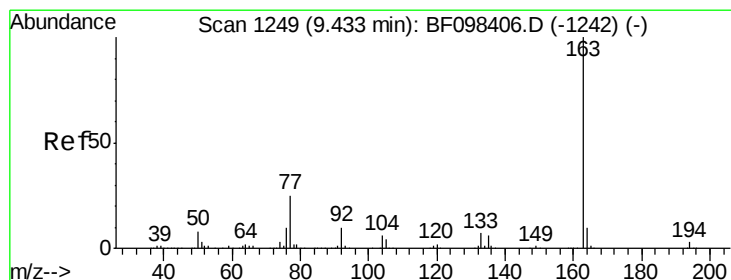
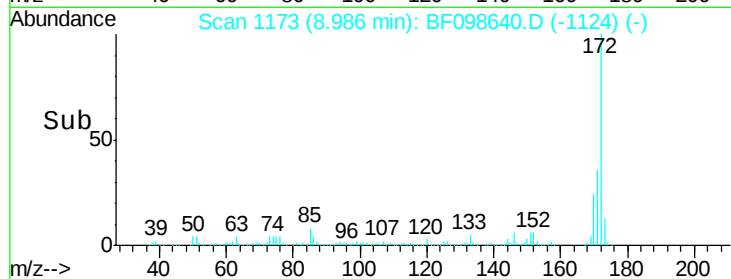
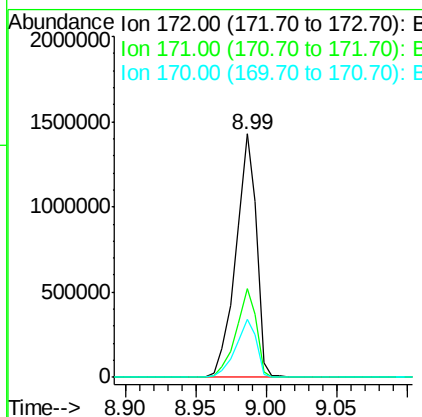
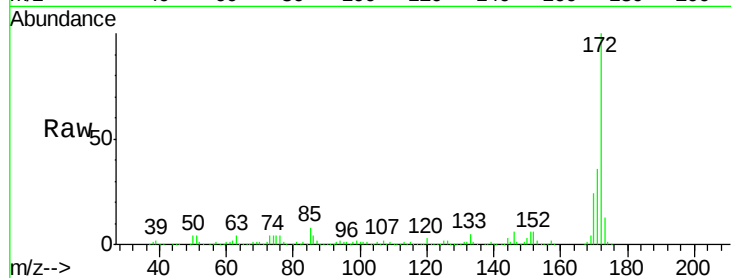




#44
2-Fluorobiphenyl
Concen: 107.49 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF098640.D
Acq: 19 Sep 2017 14:39

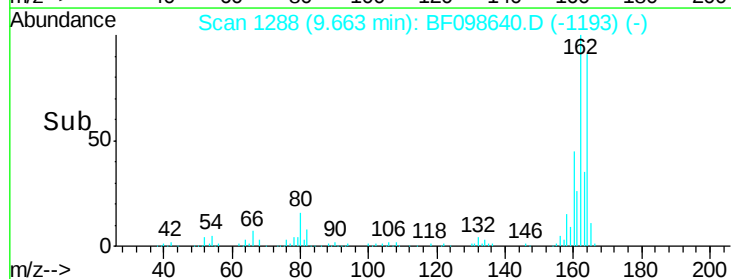
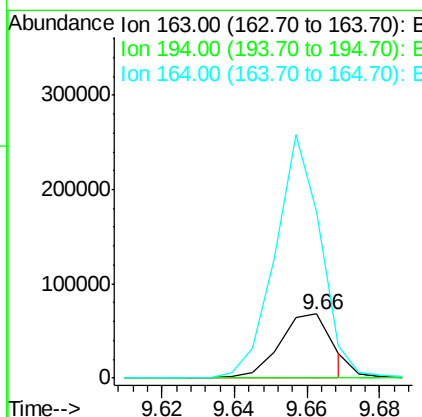
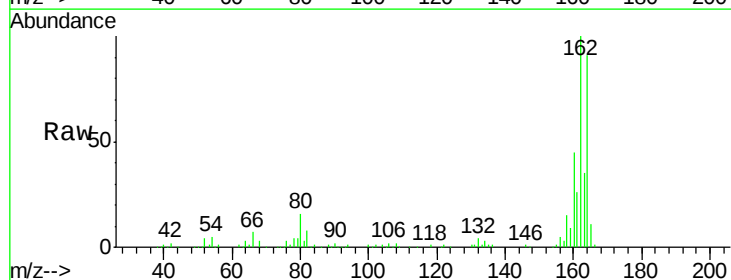
Instrument :
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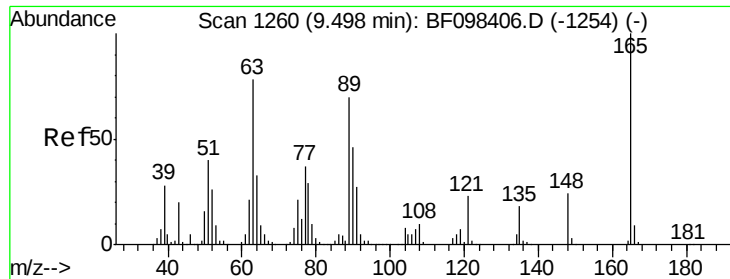
Tot Ion:172 Resp: 1446255
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 3.82 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.26 min
Lab File: BF098640.D
Acq: 19 Sep 2017 14:39

Tgt Ion:163 Resp: 67363
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 260.3 8.4 12.6#

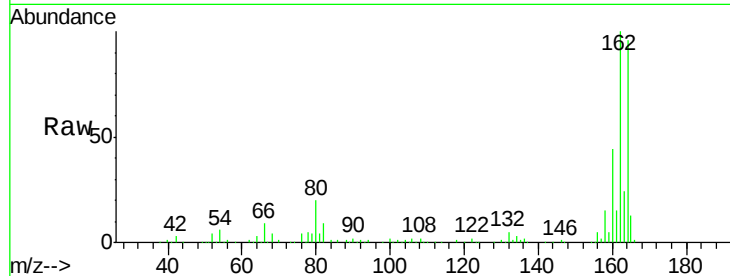




#50
 2,6-Dinitrotoluene
 Concen: 7.72 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. 0.19 min
 Lab File: BF098640.D
 Acq: 19 Sep 2017 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB102430BL

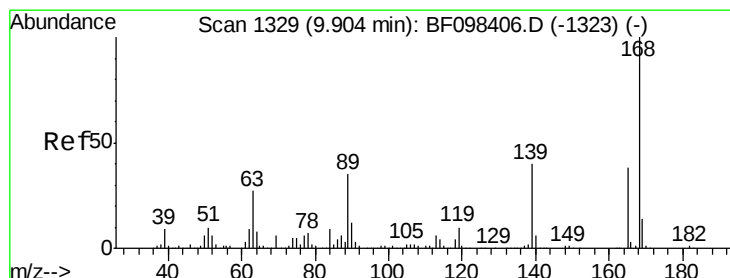
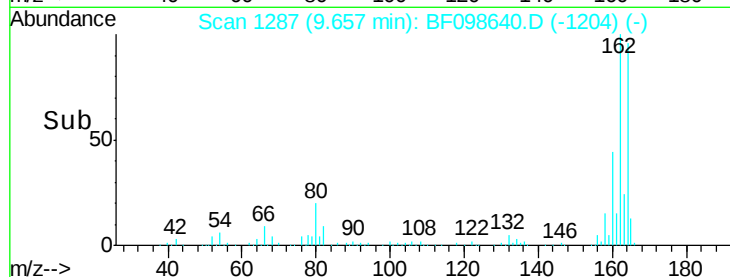
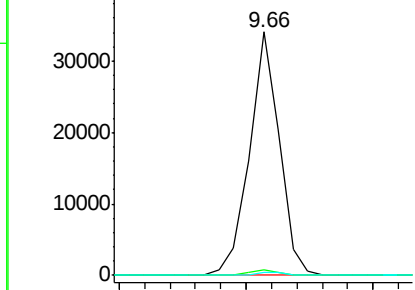
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	1.3	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

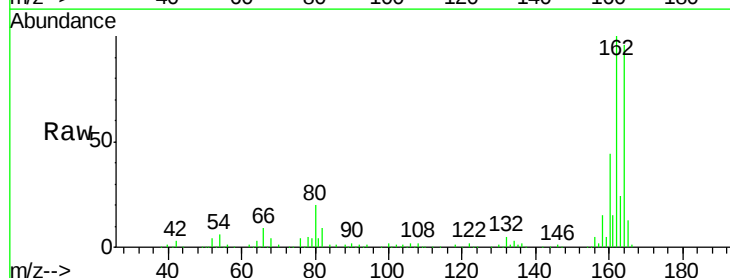
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.35 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.22 min
 Lab File: BF098640.D
 Acq: 19 Sep 2017 14:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

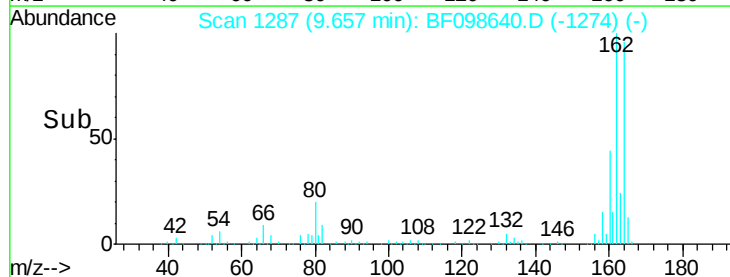
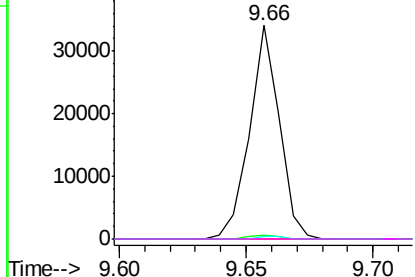


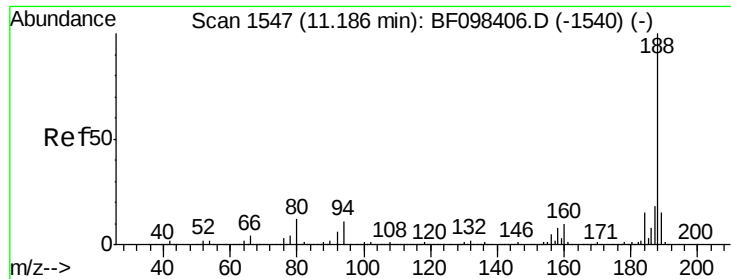
Abundance Ion 165.00 (164.70 to 165.70): E

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BF098640.D

Acq: 19 Sep 2017 14:39

Instrument :

BNA_F

ClientSampleId :

PB102430BL

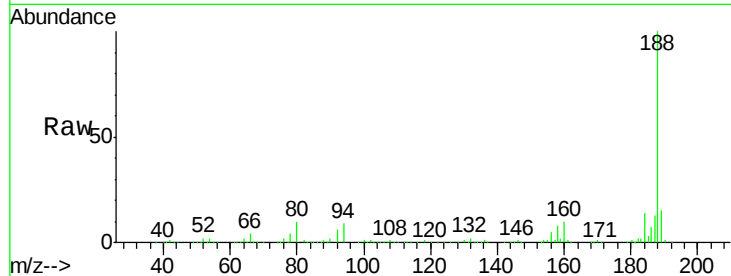
Tot Ion:188 Resp: 435098

Ion Ratio Lower Upper

188 100

94 9.4 9.4 14.2#

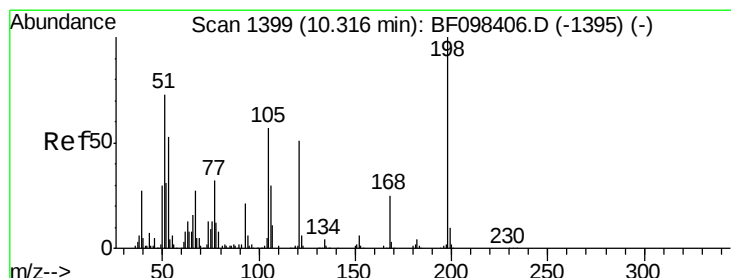
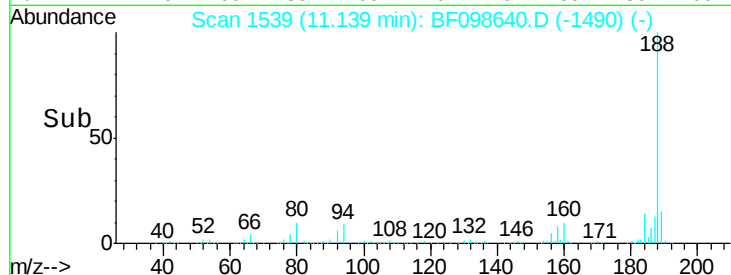
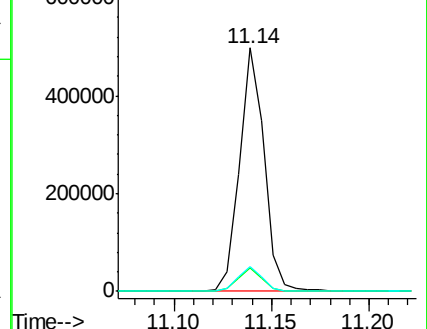
80 10.2 10.2 15.2#



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: 5.21 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.16 min

Lab File: BF098640.D

Acq: 19 Sep 2017 14:39

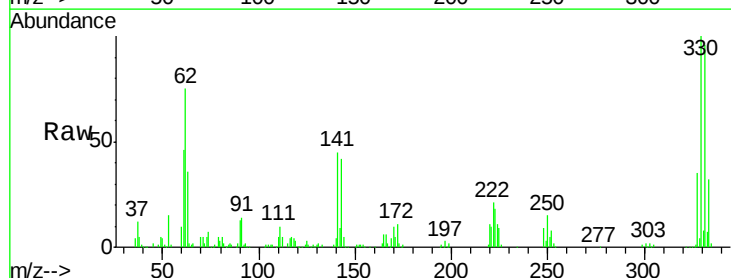
Tgt Ion:198 Resp: 743

Ion Ratio Lower Upper

198 100

51 215.0 53.2 93.2#

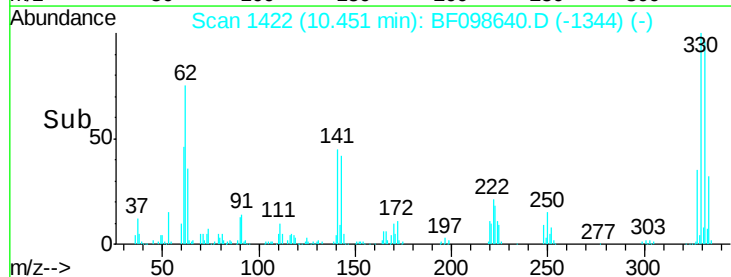
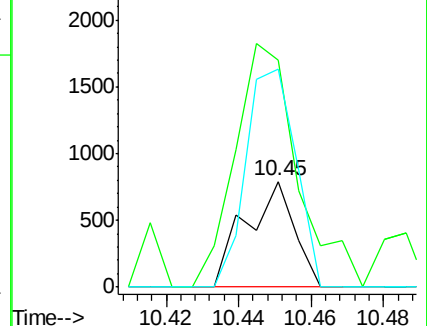
105 206.3 45.8 85.8#

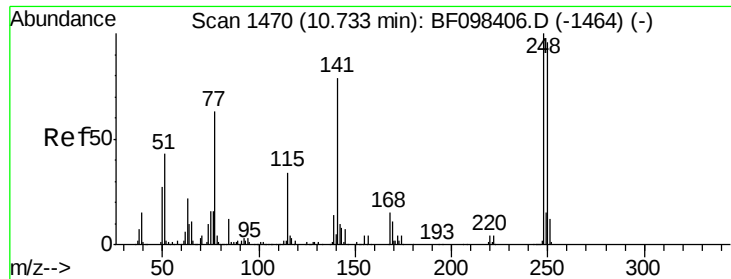


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

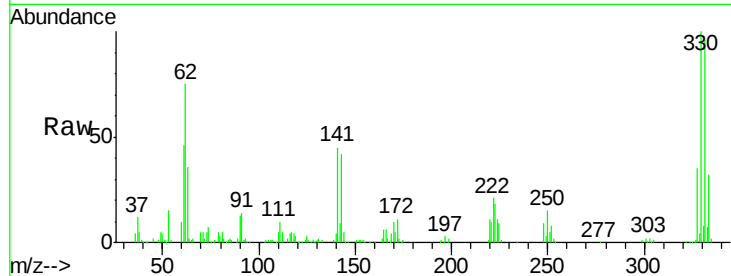




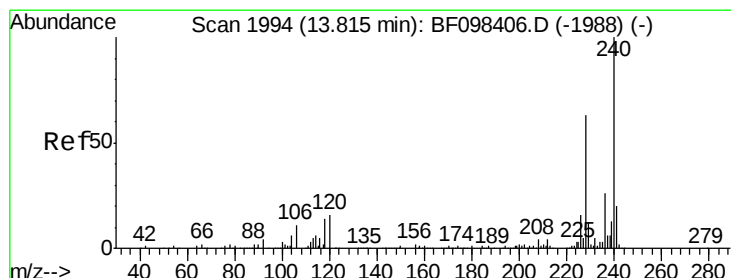
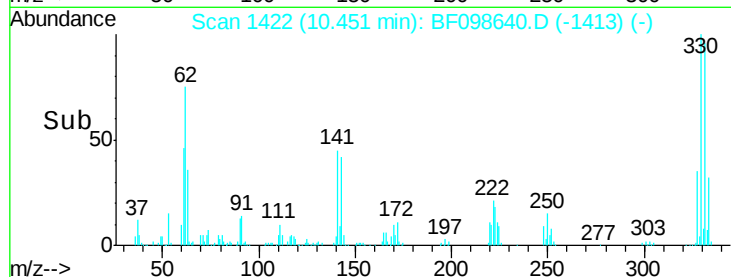
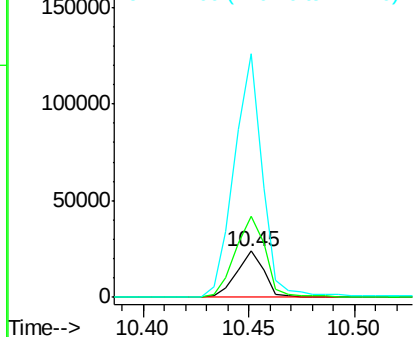
#66
4-Bromophenyl-phenylether
Concen: 5.22 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.25 min
Lab File: BF098640.D
Acq: 19 Sep 2017 14:39

Instrument :
BNA_F
ClientSampleId :
PB102430BL

Tot Ion:248 Resp: 21554
Ion Ratio Lower Upper
248 100
250 176.7 76.8 115.2#
141 529.9 68.6 103.0#

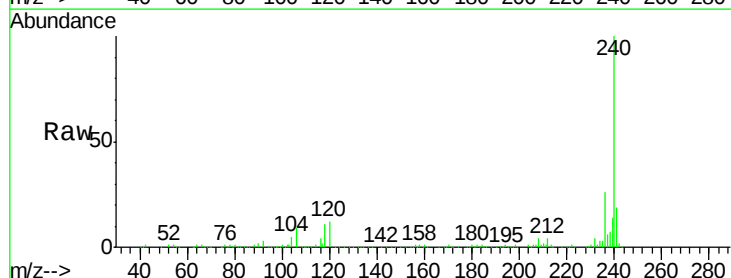


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

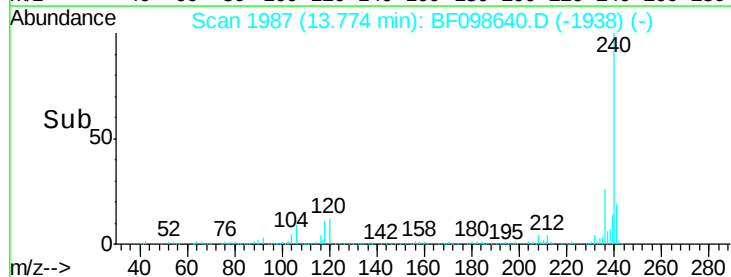
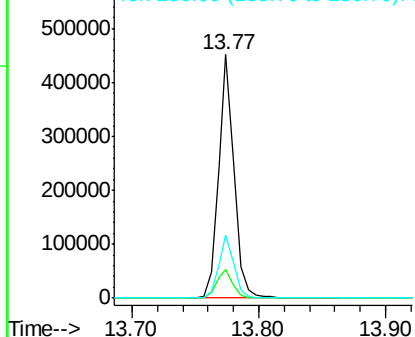


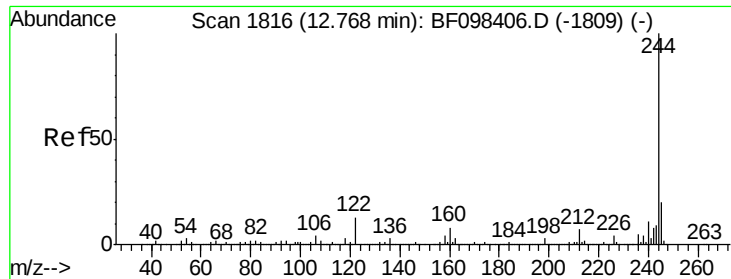
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF098640.D
Acq: 19 Sep 2017 14:39

Tgt Ion:240 Resp: 388005
Ion Ratio Lower Upper
240 100
120 11.5 5.8 8.8#
236 26.1 20.5 30.7



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



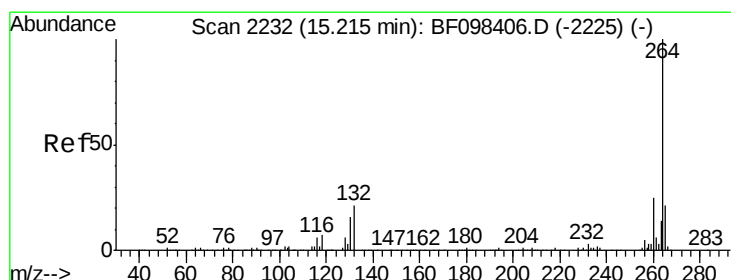
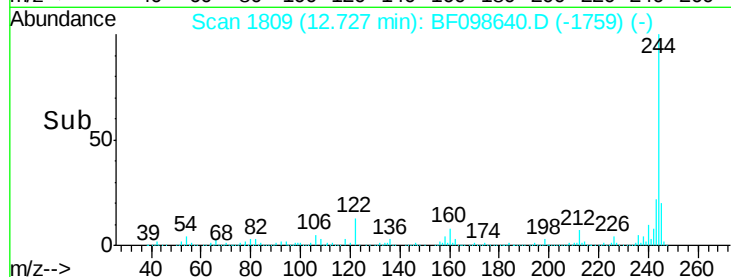
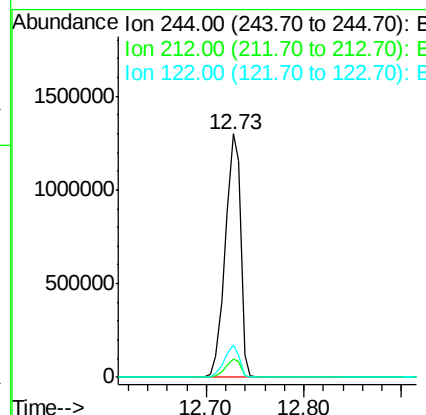
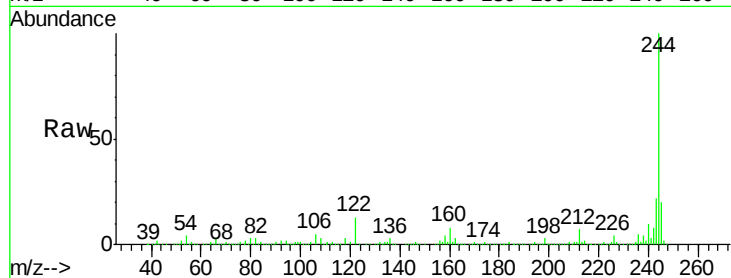


#78
 Terphenyl-d14
 Concen: 78.77 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF098640.D
 Acq: 19 Sep 2017 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB102430BL

Tot Ion:244 Resp: 1415883

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.2	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF098640.D
 Acq: 19 Sep 2017 14:39

Tgt Ion:264 Resp: 367473

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.1	17.2	25.8

