

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098625.D
 Acq On : 19 Sep 2017 2:40
 Operator : SJ/JU
 Sample : I5260-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:42:48 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

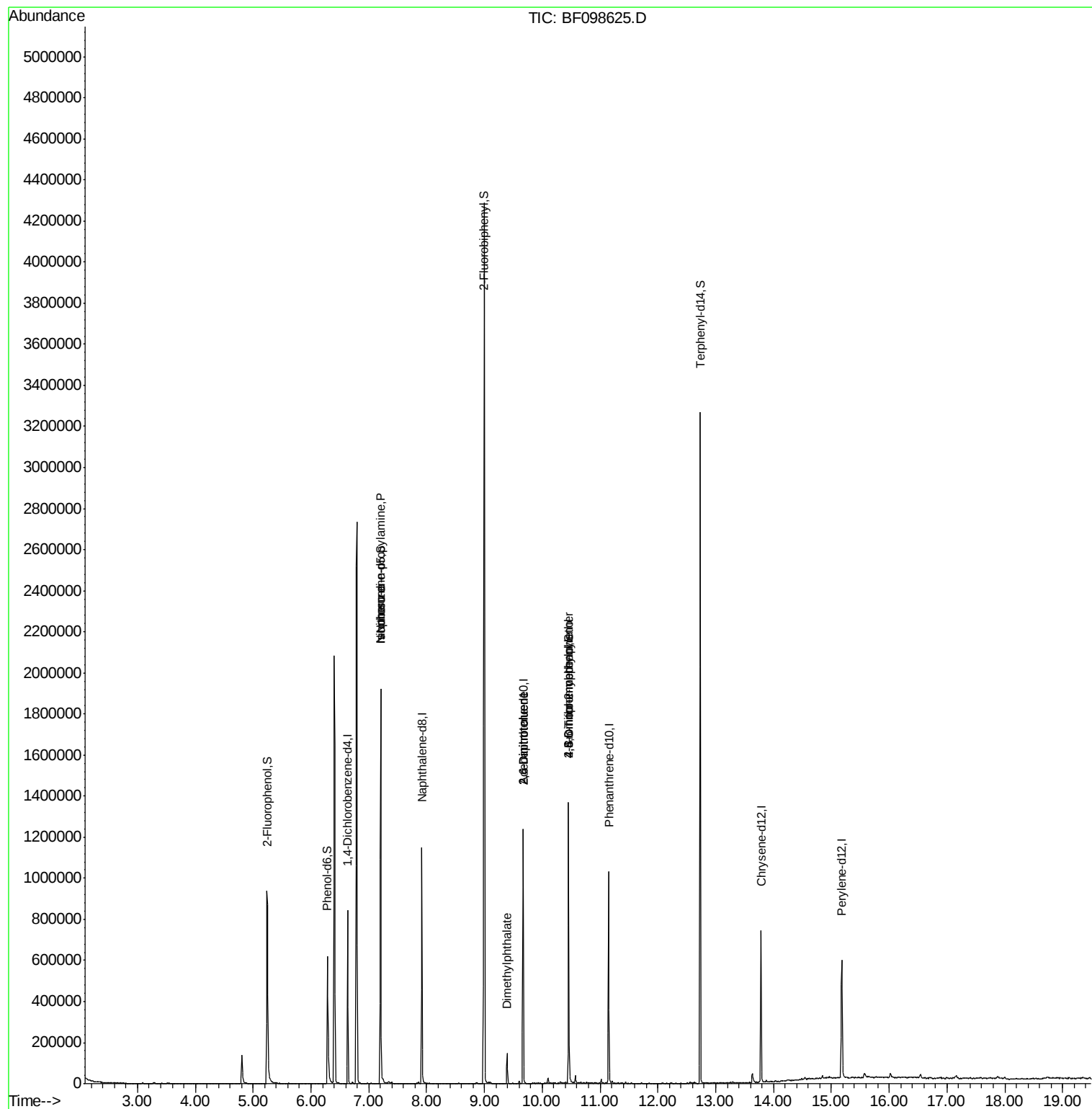
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	111779	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	483823	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	228642	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	370251	20.00	ng	0.00
75) Chrysene-d12	13.79	240	253023	20.00	ng	0.00
86) Perylene-d12	15.18	264	244114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	310577	41.08	ng	0.00
7) Phenol-d6	6.29	99	236131	24.60	ng	0.00
23) Nitrobenzene-d5	7.20	82	657923	75.81	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	133037	87.18	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1326784	98.35	ng	0.00
78) Terphenyl-d14	12.73	244	956374	81.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	89976	14.902	ng	# 82
25) Isophorone	7.20	82	657917	37.469	ng	# 67
49) Dimethylphthalate	9.39	163	55533	3.138	ng	100
50) 2,6-Dinitrotoluene	9.67	165	29252	8.046	ng	# 34
56) 2,4-Dinitrotoluene	9.67	165	29252	6.618	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.46	198	319	5.090	ng	# 1
66) 4-Bromophenyl-phenylether	10.46	248	10095	2.873	ng	# 1

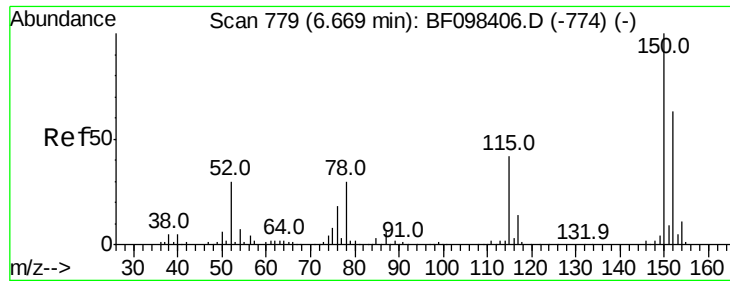
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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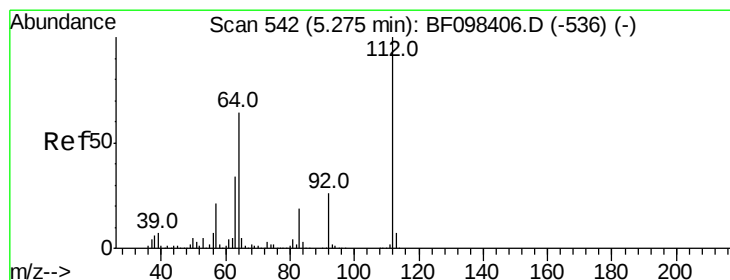
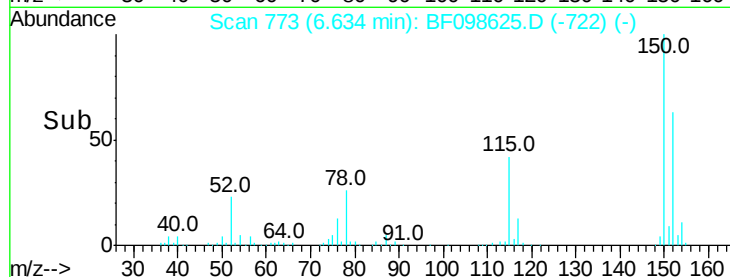
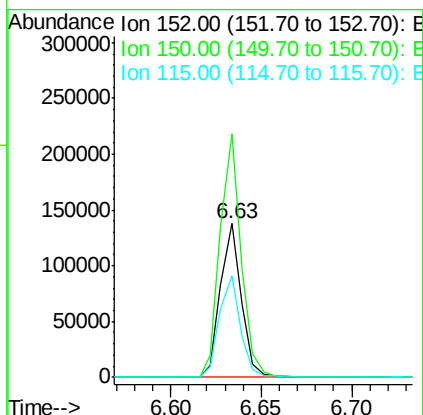
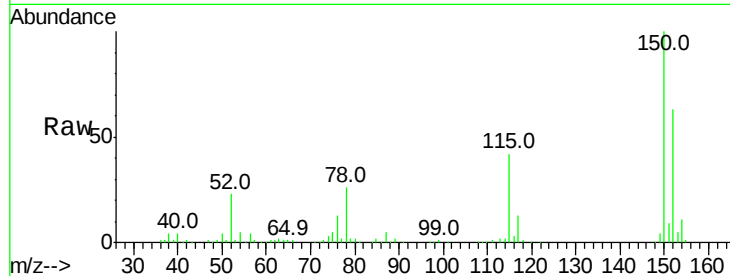


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF098625.D
 Acq: 19 Sep 2017 2:40

Instrument :
 BNA_F
 ClientSampleId :

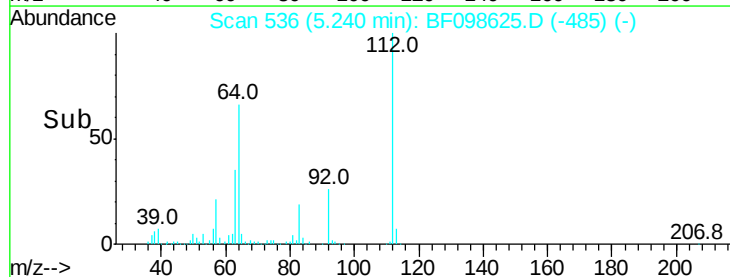
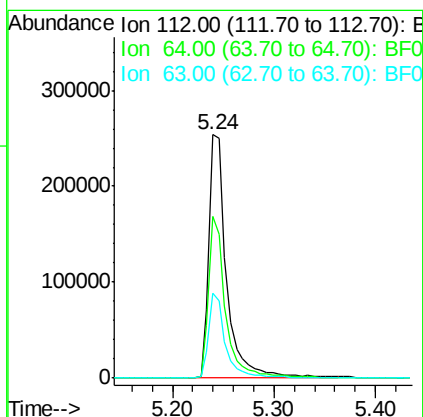
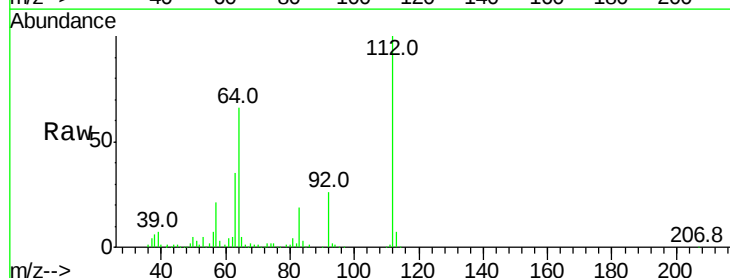
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	66.3	52.2	78.2

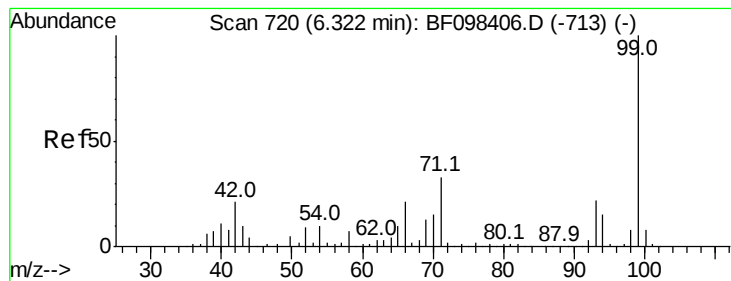


#5

2-Fluorophenol
 Concen: 41.081 ng
 RT: 5.24 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: BF098625.D
 Acq: 19 Sep 2017 2:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	46.0	69.0
63	34.9	23.4	35.0





#7

Phenol-d6

Concen: 24.600 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF098625.D

Acq: 19 Sep 2017 2:40

Instrument :

BNA_F

ClientSampleId :

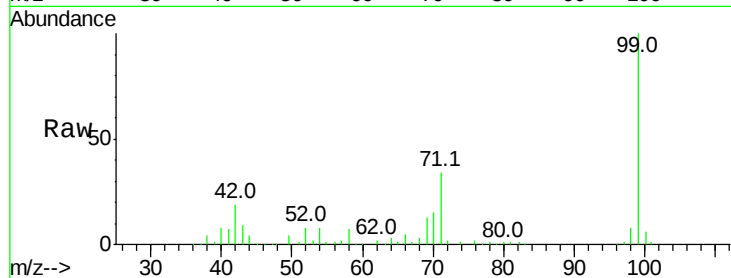
Tot Ion: 99 Resp: 236131

Ion Ratio Lower Upper

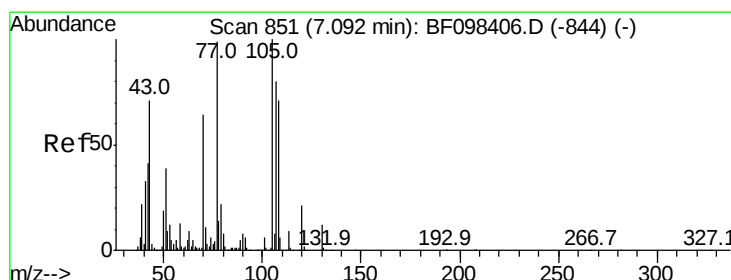
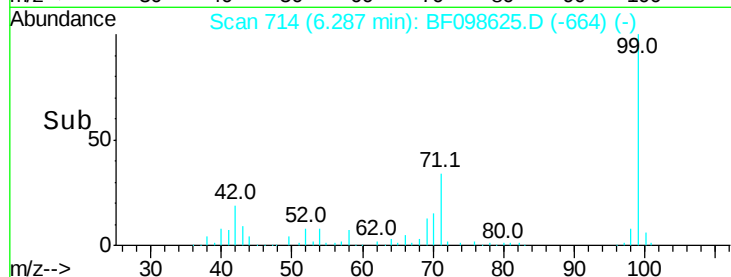
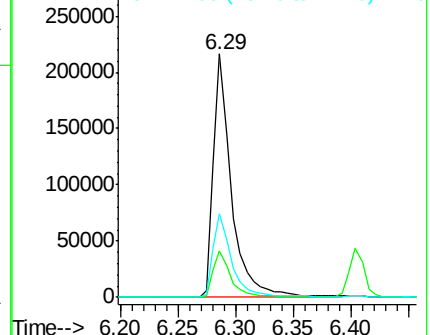
99 100

42 19.3 13.5 20.3

71 34.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.902 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.15 min

Lab File: BF098625.D

Acq: 19 Sep 2017 2:40

Tgt Ion: 70 Resp: 89976

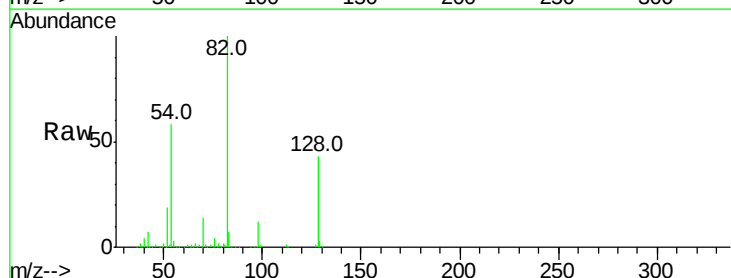
Ion Ratio Lower Upper

70 100

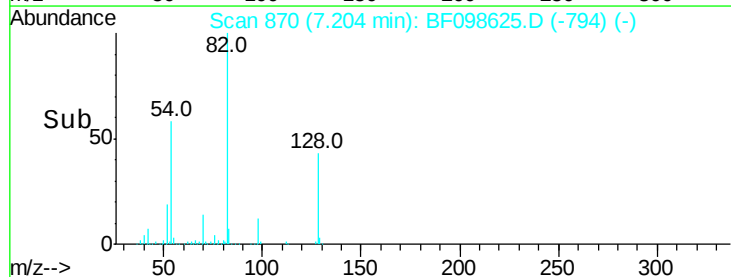
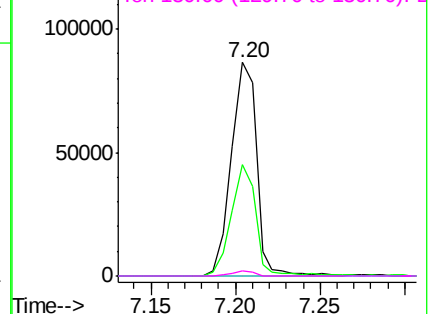
42 51.9 47.2 70.8

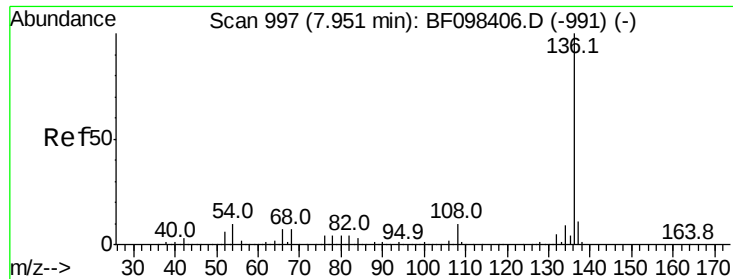
101 0.0 7.2 10.8#

130 2.1 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

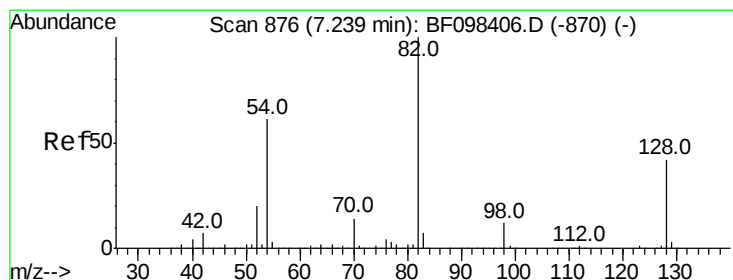
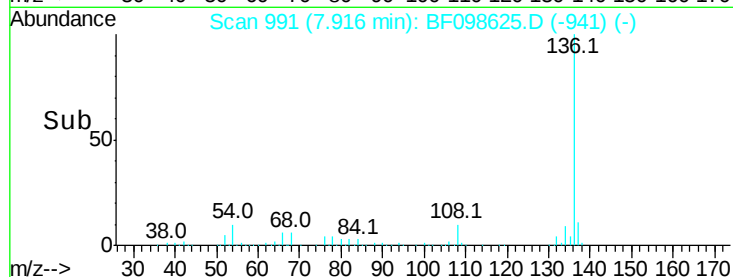
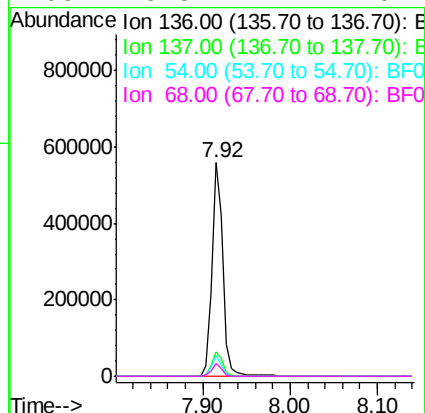
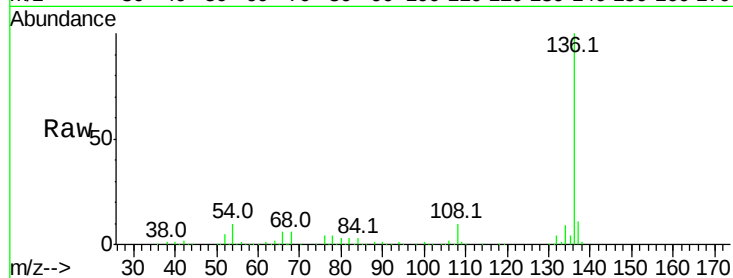




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF098625.D
Acq: 19 Sep 2017 2:40

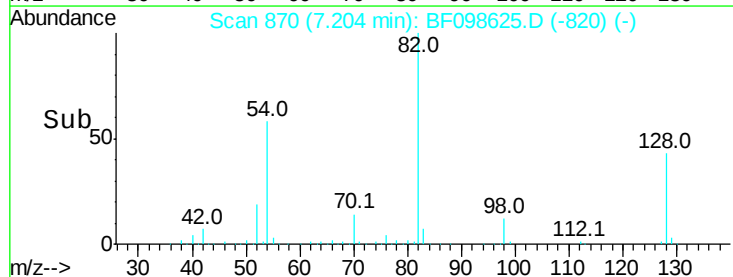
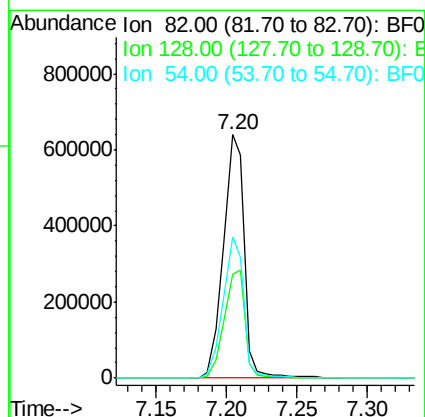
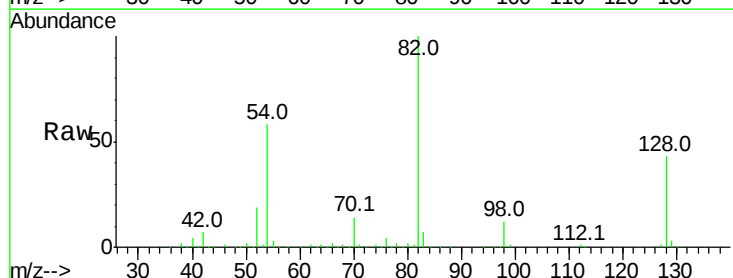
Instrument :
BNA_F
ClientSampleId :

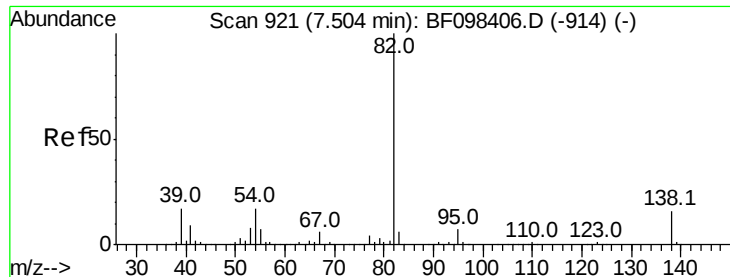
Tot Ion:	136	Resp:	483823
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	9.6	4.9	7.3#
68	5.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 75.811 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF098625.D
Acq: 19 Sep 2017 2:40

Tgt Ion:	82	Resp:	657923
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	58.2	42.2	63.2





#25

Isophorone

Concen: 37.469 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.26 min

Lab File: BF098625.D

Acq: 19 Sep 2017 2:40

Instrument :

BNA_F

ClientSampleId :

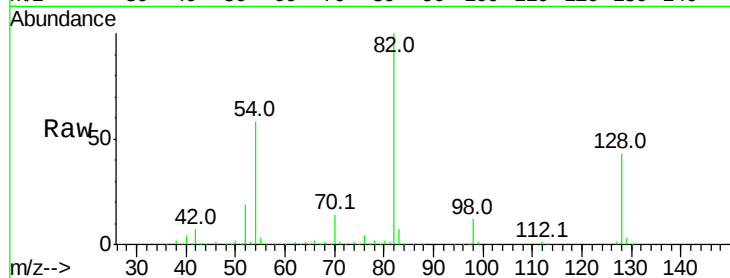
Tot Ion: 82 Resp: 657917

Ion Ratio Lower Upper

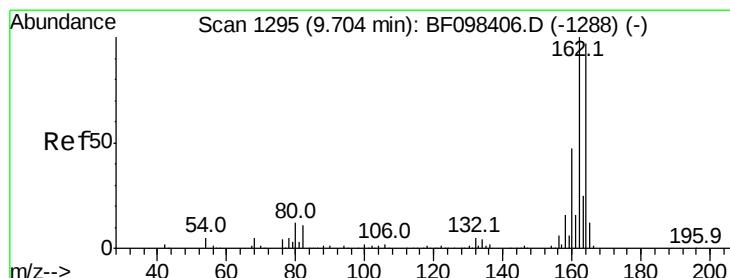
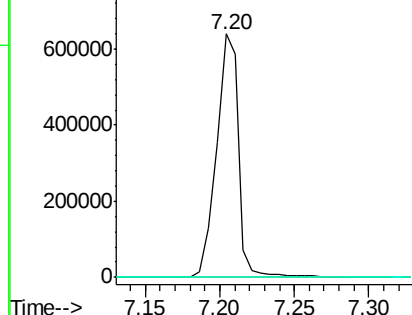
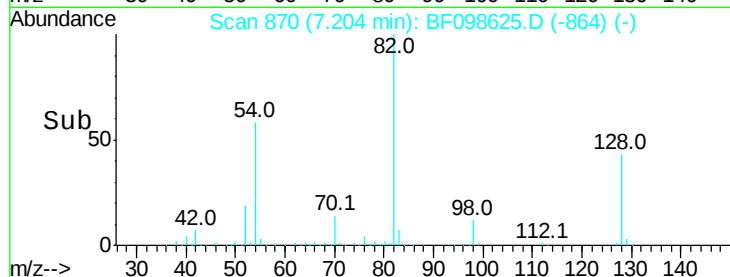
82 100

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: 20.000 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF098625.D

Acq: 19 Sep 2017 2:40

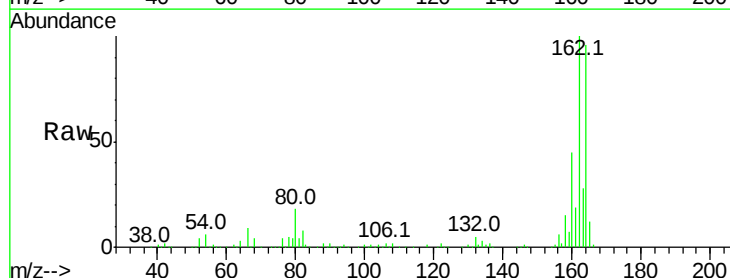
Tgt Ion: 164 Resp: 228642

Ion Ratio Lower Upper

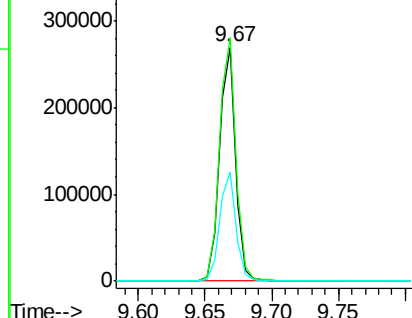
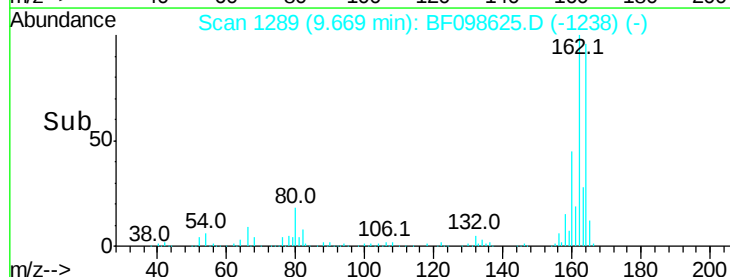
164 100

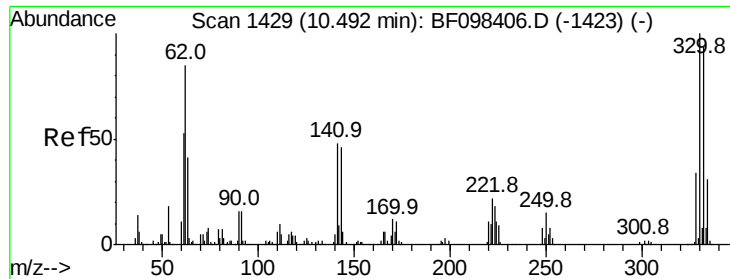
162 104.3 82.6 123.8

160 46.9 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

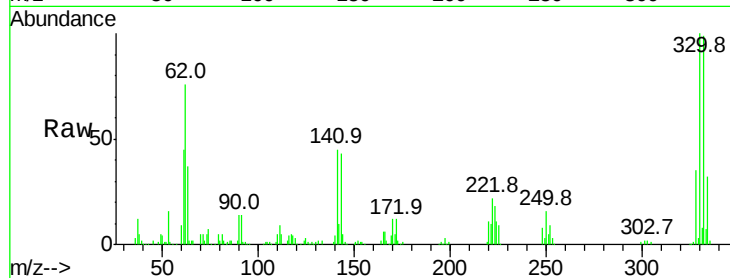




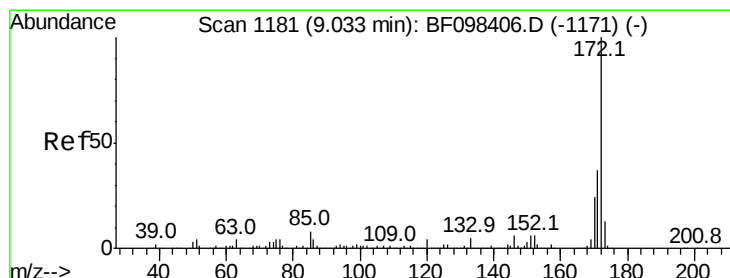
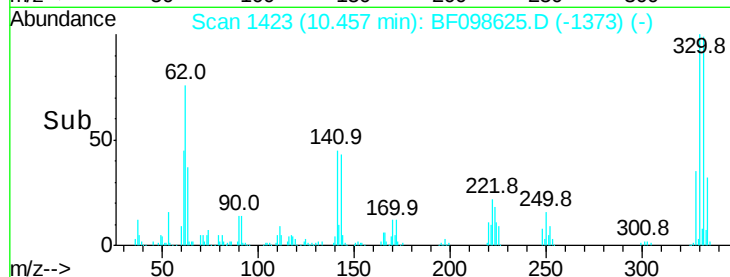
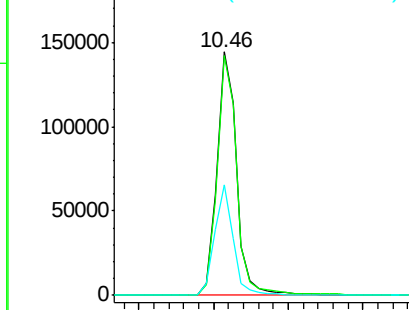
#41
 2,4,6-Tribromophenol
 Concen: 87.180 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF098625.D
 Acq: 19 Sep 2017 2:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	76.6	115.0
141	42.6	31.4	47.2

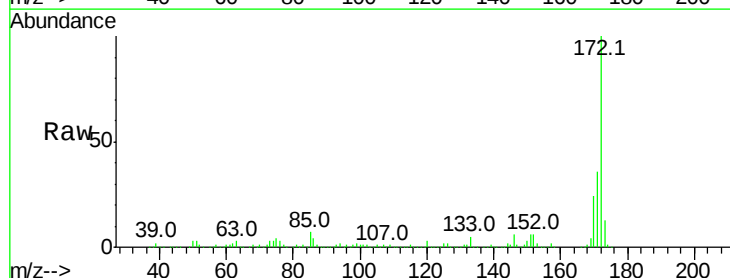


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

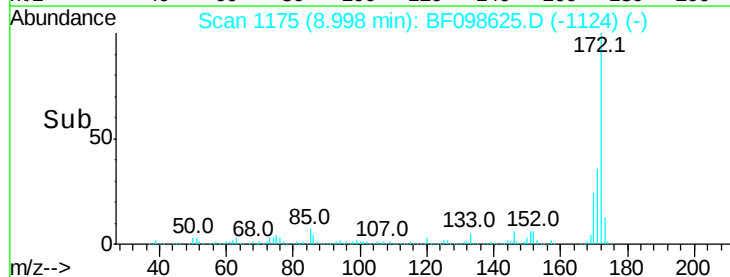
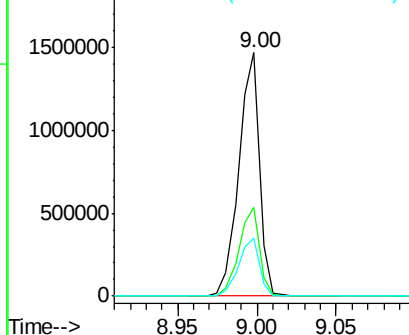


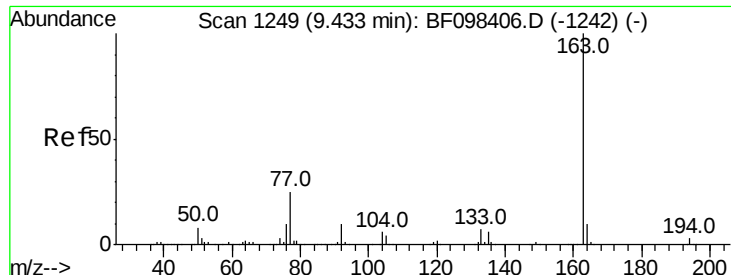
#44
 2-Fluorobiphenyl
 Concen: 98.354 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF098625.D
 Acq: 19 Sep 2017 2:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.0	19.8	29.8



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

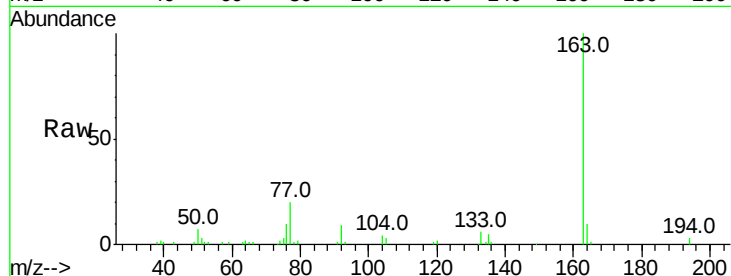




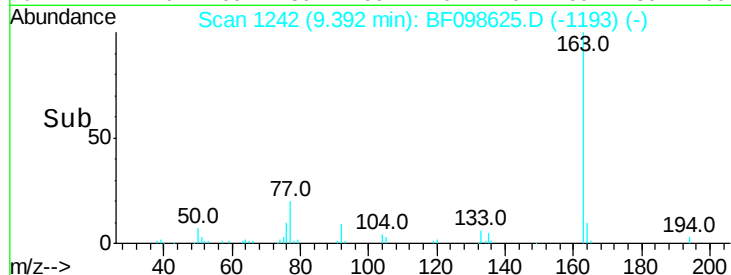
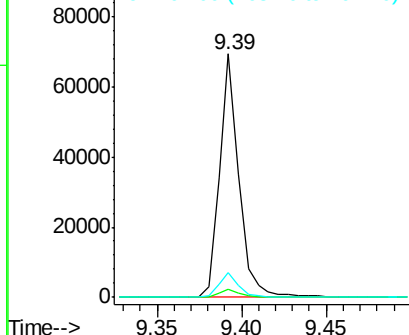
#49
Dimethylphthalate
Concen: 3.138 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF098625.D
Acq: 19 Sep 2017 2:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 55533
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.4 12.6

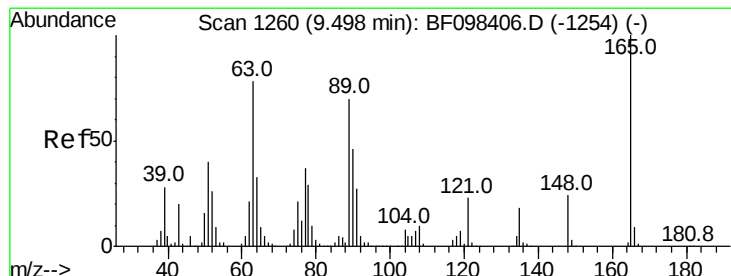


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

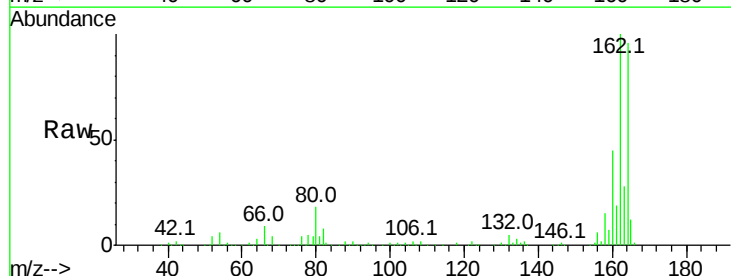
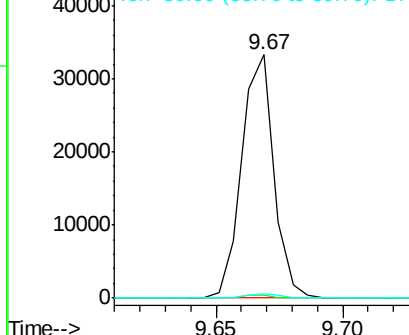


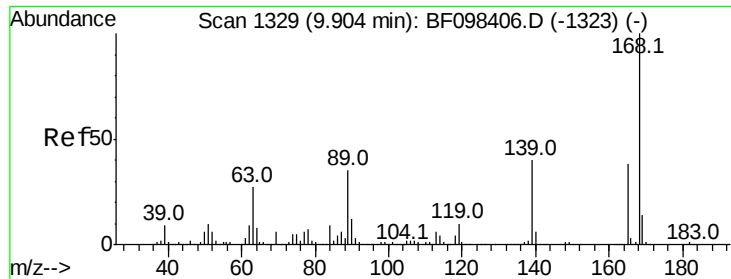
#50
2,6-Dinitrotoluene
Concen: 8.046 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.20 min
Lab File: BF098625.D
Acq: 19 Sep 2017 2:40

Tgt Ion:165 Resp: 29252
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.9 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

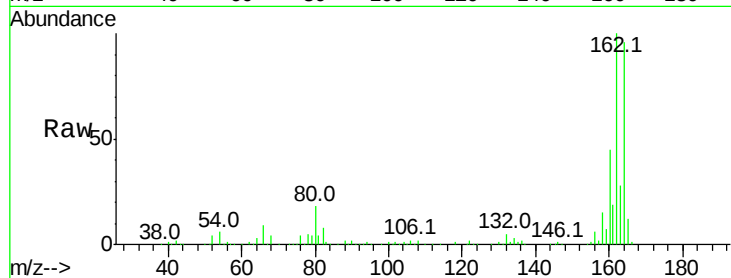




#56
 2,4-Dinitrotoluene
 Concen: 6.618 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.21 min
 Lab File: BF098625.D
 Acq: 19 Sep 2017 2:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#

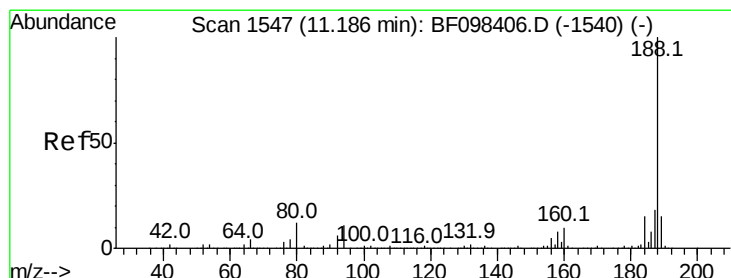
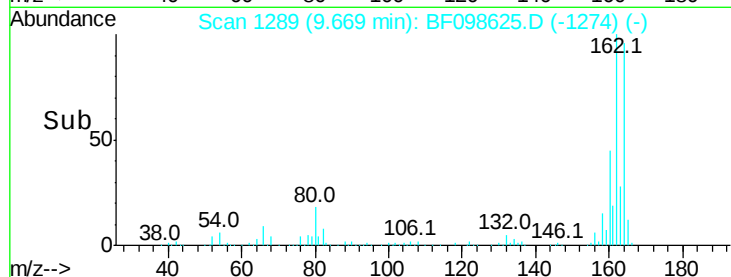
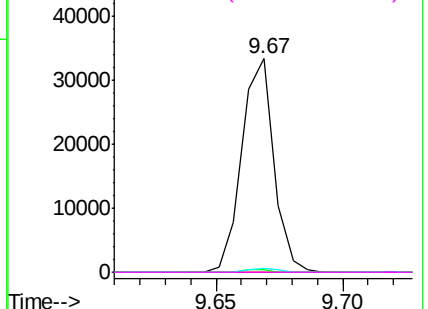


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

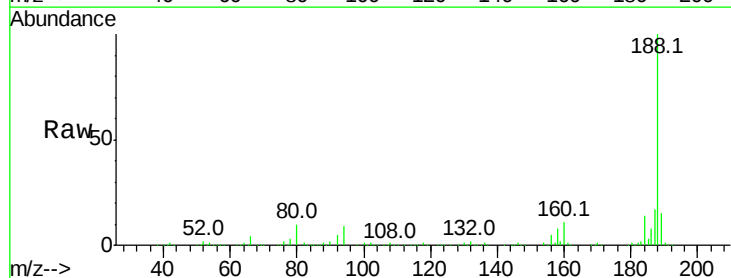
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF098625.D
 Acq: 19 Sep 2017 2:40

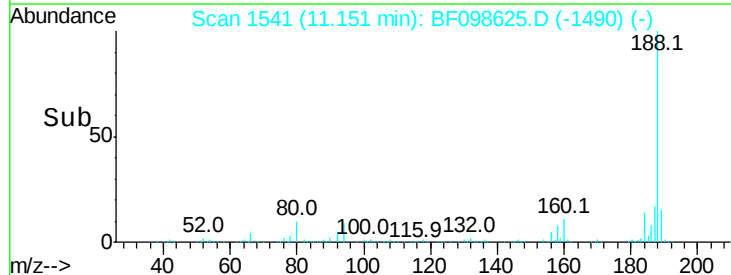
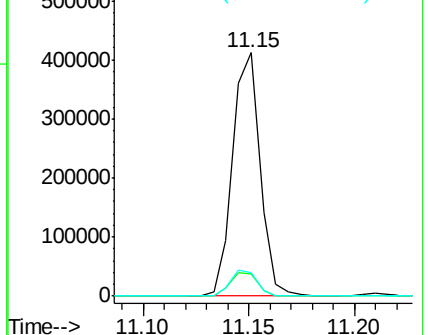
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.4	14.2#
80	9.6	10.2	15.2#

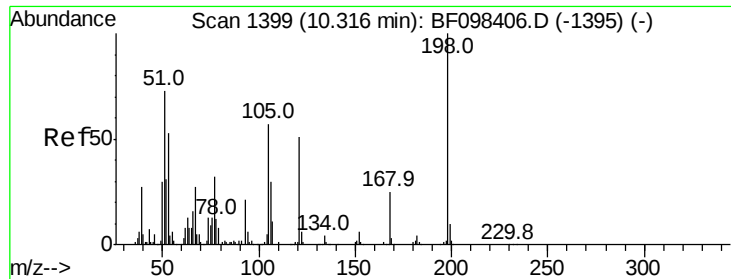


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

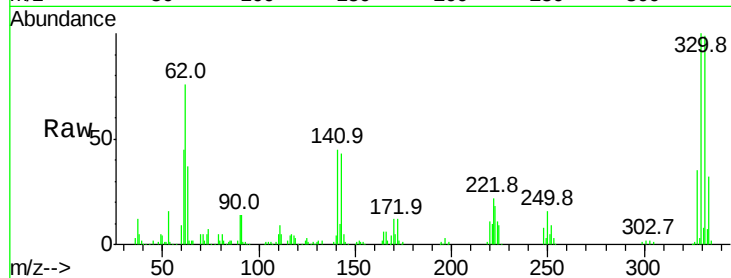




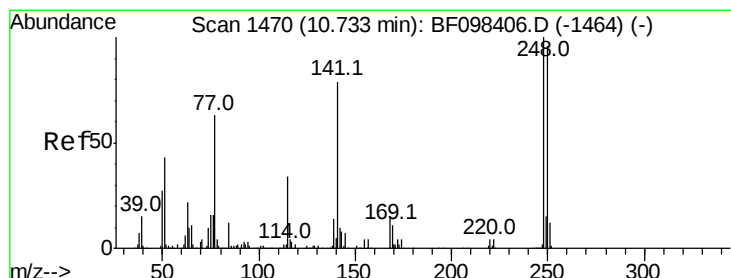
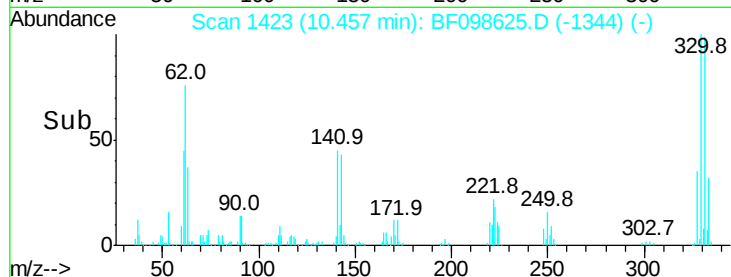
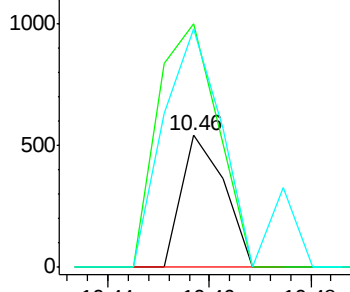
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.090 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.16 min
 Lab File: BF098625.D
 Acq: 19 Sep 2017 2:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 319
 Ion Ratio Lower Upper
 198 100
 51 184.2 53.2 93.2#
 105 180.1 45.8 85.8#

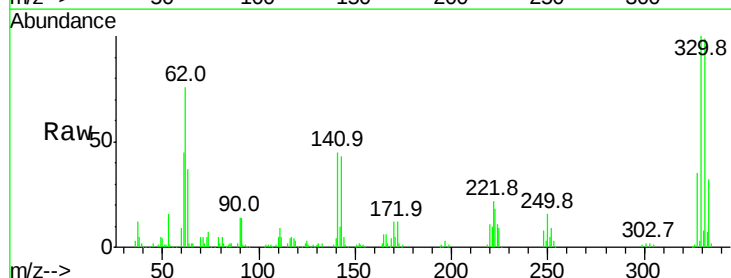


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

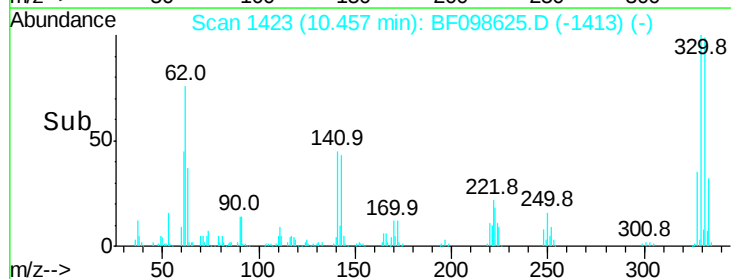
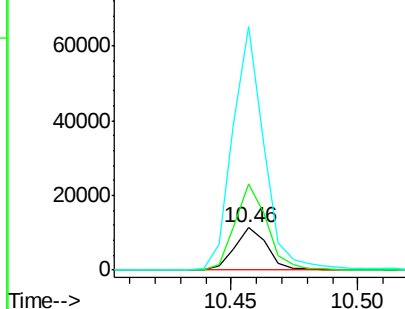


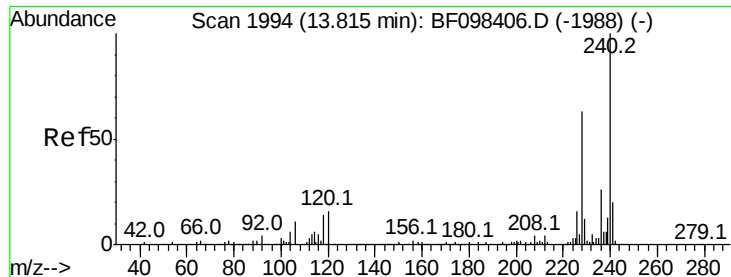
#66
 4-Bromophenyl-phenylether
 Concen: 2.873 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.24 min
 Lab File: BF098625.D
 Acq: 19 Sep 2017 2:40

Tgt Ion:248 Resp: 10095
 Ion Ratio Lower Upper
 248 100
 250 204.2 76.8 115.2#
 141 576.1 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: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF098625.D

Acq: 19 Sep 2017 2:40

Instrument :

BNA_F

ClientSampleId :

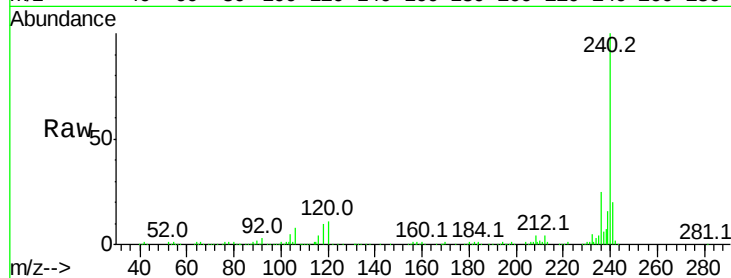
Tot Ion:240 Resp: 253023

Ion Ratio Lower Upper

240 100

120 11.4 5.8 8.8#

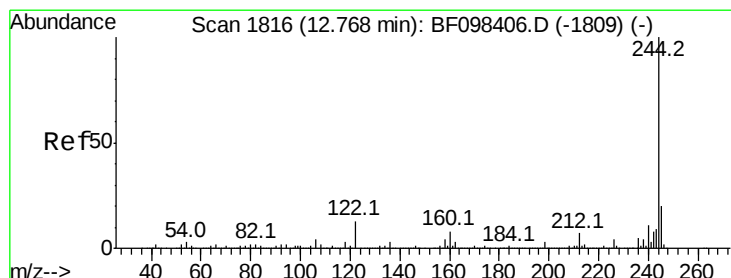
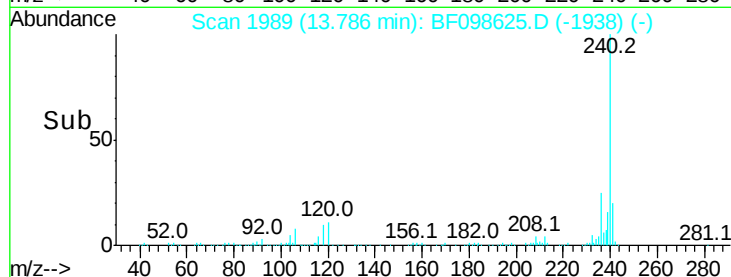
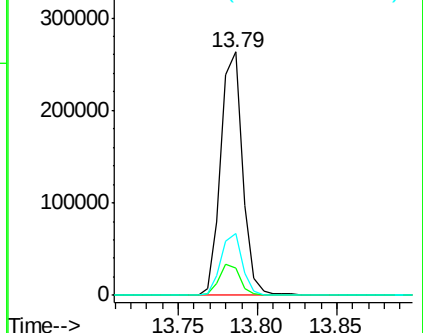
236 25.5 20.5 30.7



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: 81.585 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF098625.D

Acq: 19 Sep 2017 2:40

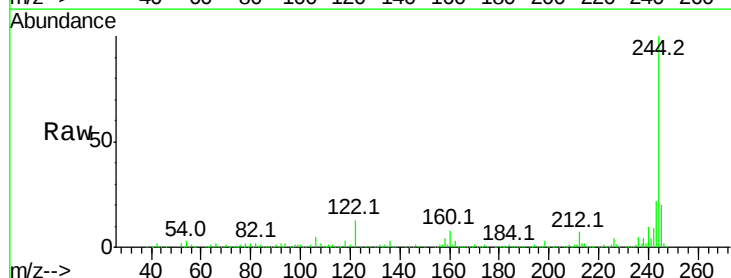
Tgt Ion:244 Resp: 956374

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

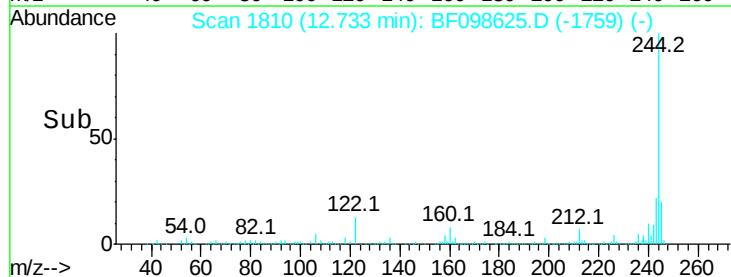
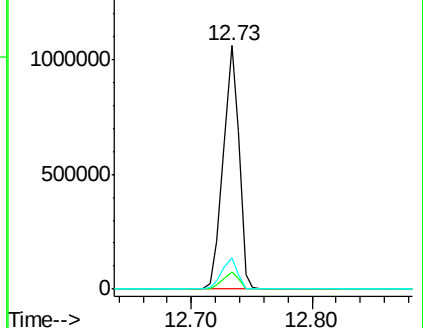
122 13.0 10.3 15.5

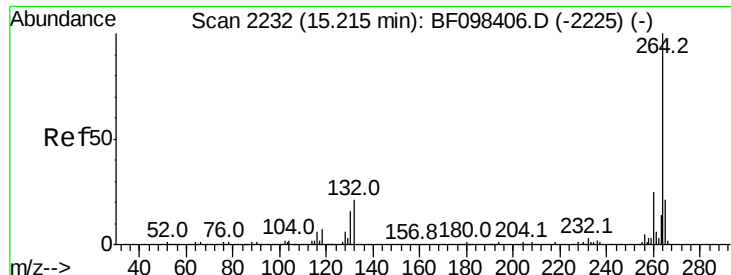


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

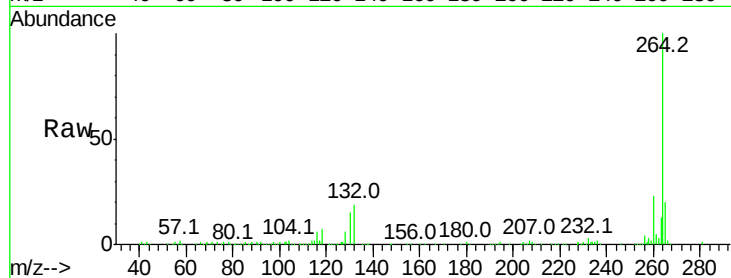




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF098625.D
 Acq: 19 Sep 2017 2:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	20.2	17.2	25.8



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

