

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098277.D
 Acq On : 6 Sep 2017 17:22
 Operator : SJ/JU
 Sample : PB102073BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102073BL

Quant Time: Sep 07 03:35:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

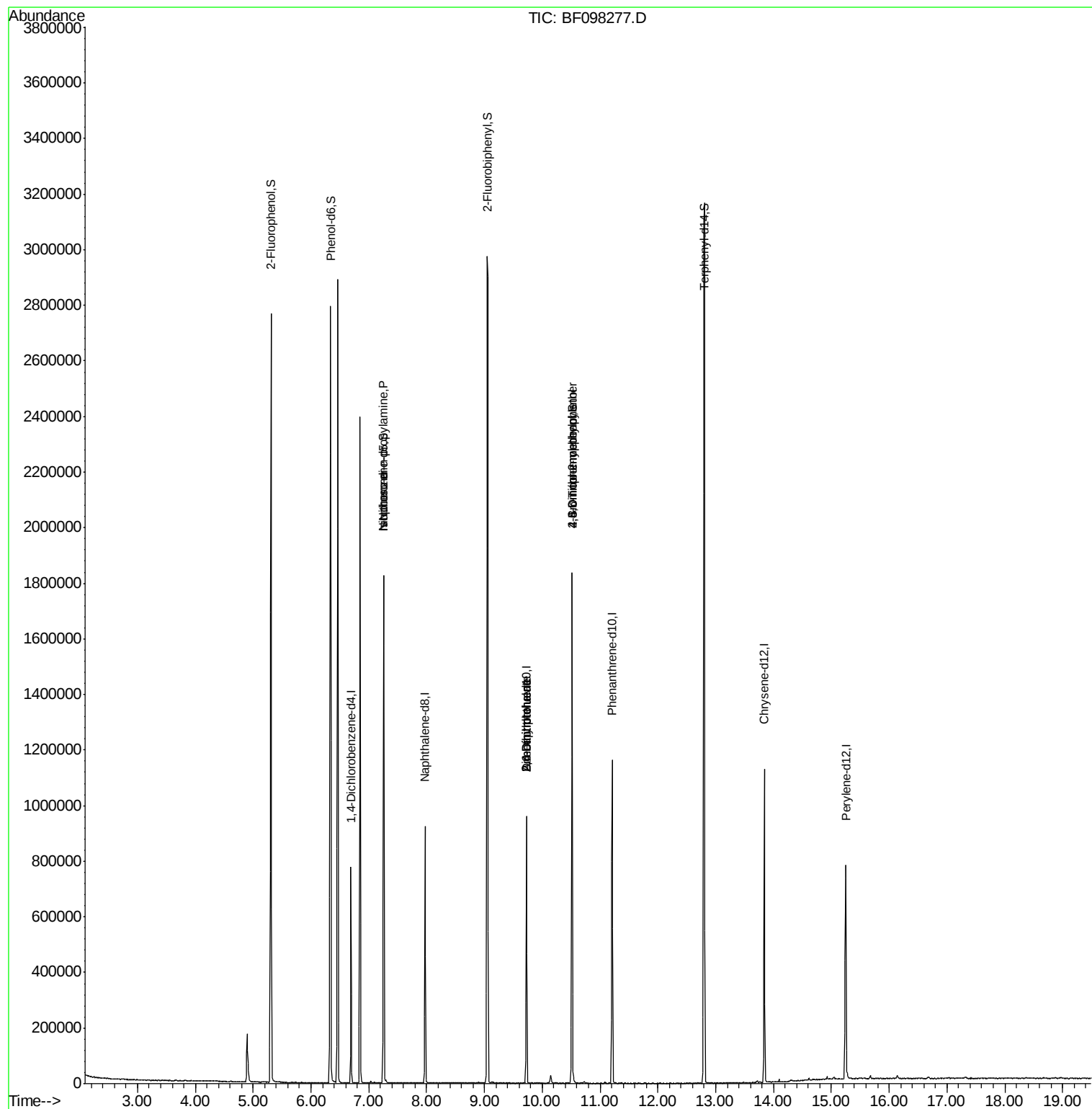
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	100637	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	409692	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	190723	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	397562	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	388252	20.00	ng	-0.02
86) Perylene-d12	15.25	264	343759	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	902471	136.40	ng	0.00
7) Phenol-d6	6.34	99	1203124	133.84	ng	-0.01
23) Nitrobenzene-d5	7.26	82	752935	99.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	263861	159.45	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1174254	90.46	ng	-0.01
78) Terphenyl-d14	12.80	244	1182421	63.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	99655	16.19	ng	# 70
25) Isophorone	7.26	82	751472	47.92	ng	# 67
49) Dimethylphthalate	9.73	163	55395	3.97	ng	# 1
50) 2,6-Dinitrotoluene	9.73	165	23729	8.53	ng	# 34
56) 2,4-Dinitrotoluene	9.73	165	23729	6.79	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.52	198	523	8.55	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	17684	4.28	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098277.D
Acq On : 6 Sep 2017 17:22
Operator : SJ/JU
Sample : PB102073BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102073BL

Quant Time: Sep 07 03:35:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration



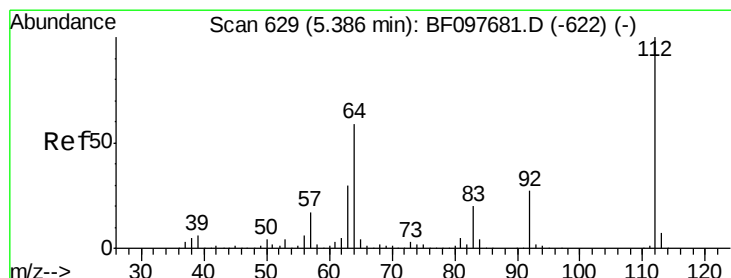
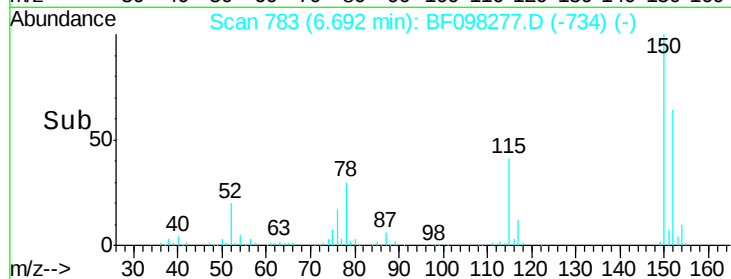
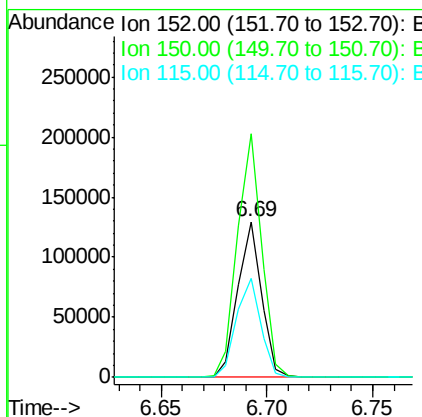
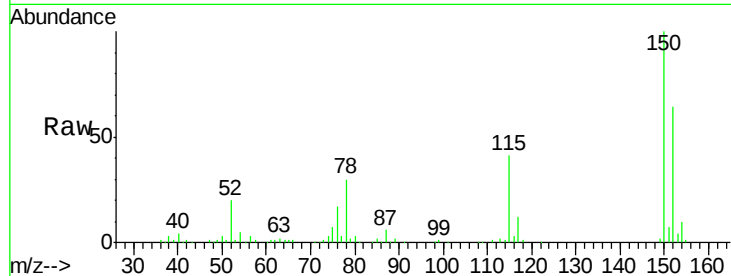


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF098277.D
Acq: 6 Sep 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB102073BL

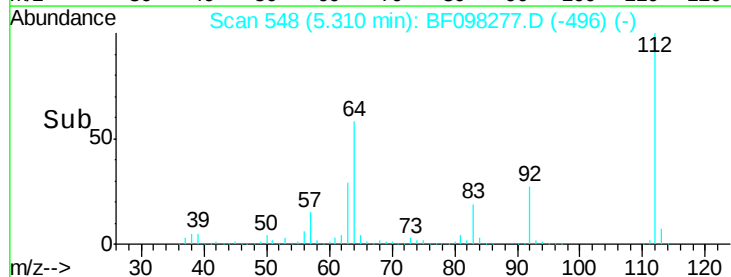
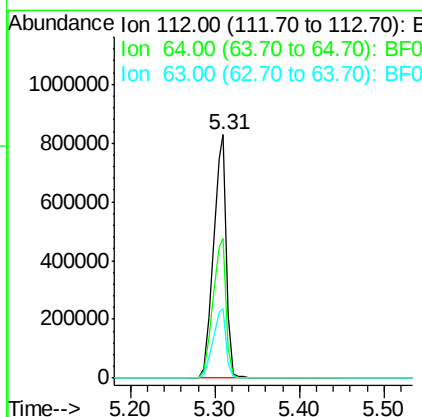
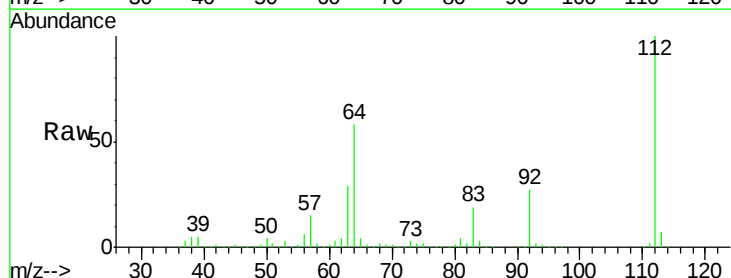
Tot Ion:152 Resp: 100637
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.2
115 63.7 52.2 78.2

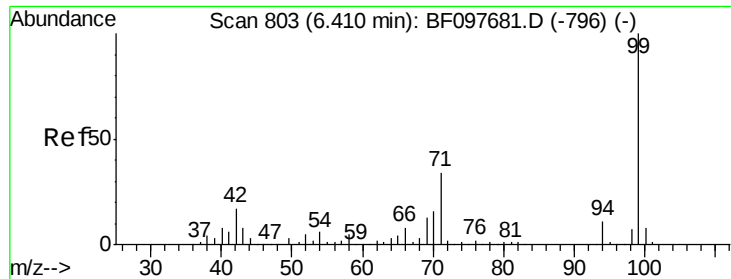


#5

2-Fluorophenol
Concen: 136.40 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF098277.D
Acq: 6 Sep 2017 17:22

Tgt Ion:112 Resp: 902471
Ion Ratio Lower Upper
112 100
64 57.6 46.0 69.0
63 28.8 23.4 35.0





#7

Phenol-d6

Concen: 133.84 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098277.D

Acq: 6 Sep 2017 17:22

Instrument :

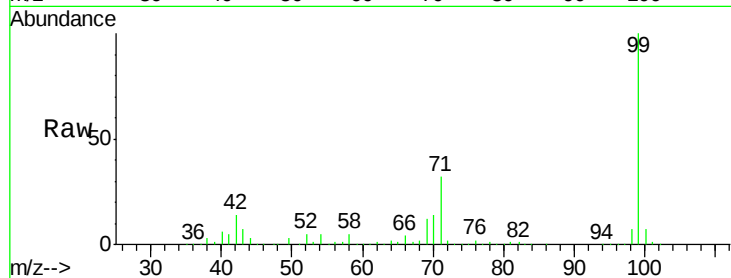
BNA_F

ClientSampleId :

PB102073BL

Tot Ion: 99 Resp: 1203124

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.5	20.3
71	31.6	24.5	36.7

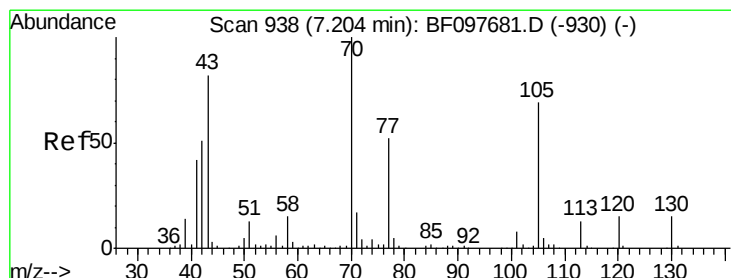
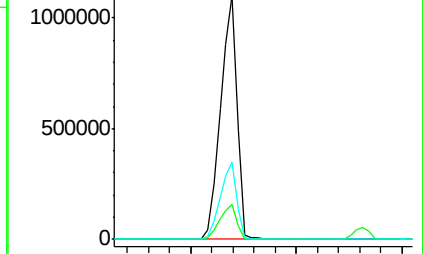
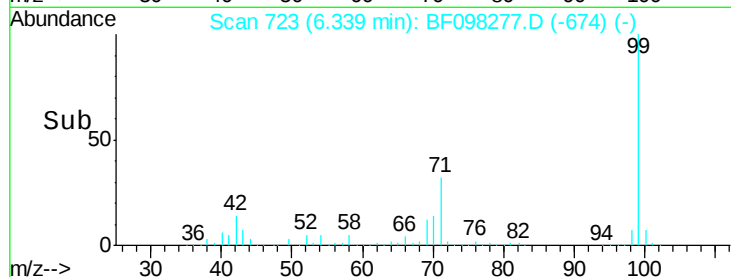


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 16.19 ng

RT: 7.26 min Scan# 879

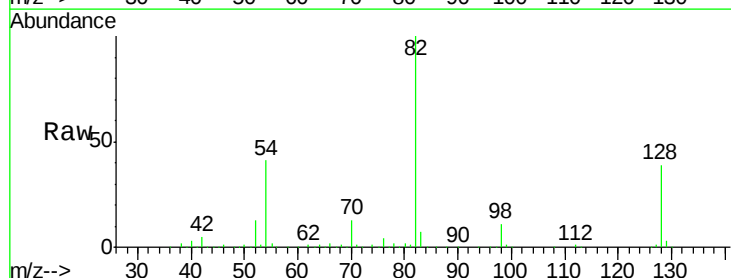
Delta R.T. 0.13 min

Lab File: BF098277.D

Acq: 6 Sep 2017 17:22

Tgt Ion: 70 Resp: 99655

Ion	Ratio	Lower	Upper
70	100		
42	38.0	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



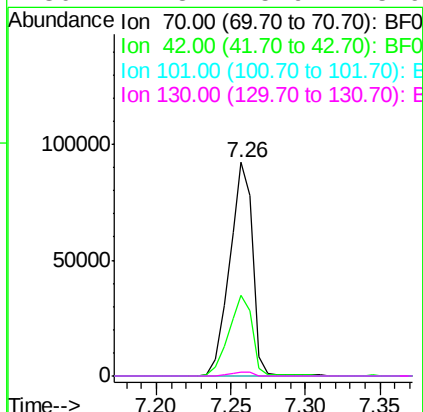
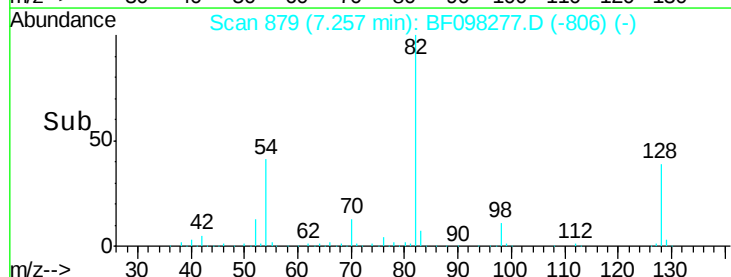
Abundance

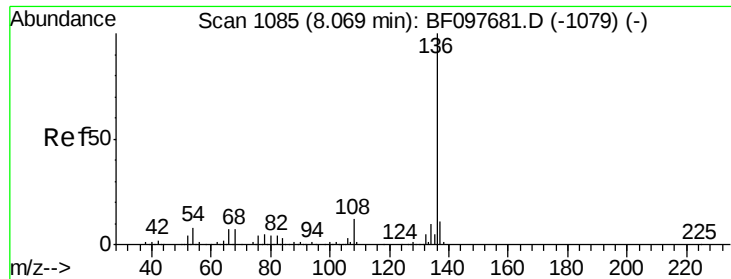
Ion 70.00 (69.70 to 70.70): BF0

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: 20.00 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF098277.D

Acq: 6 Sep 2017 17:22

Instrument :

BNA_F

ClientSampleId :

PB102073BL

Tot Ion:136 Resp: 409692

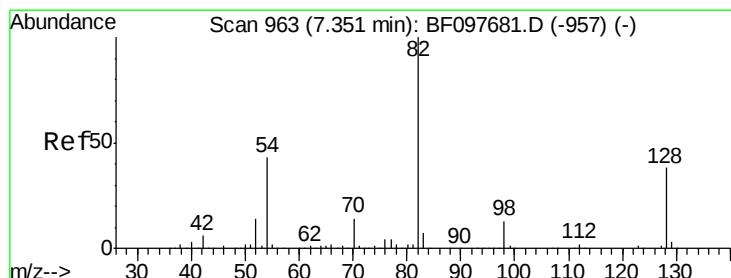
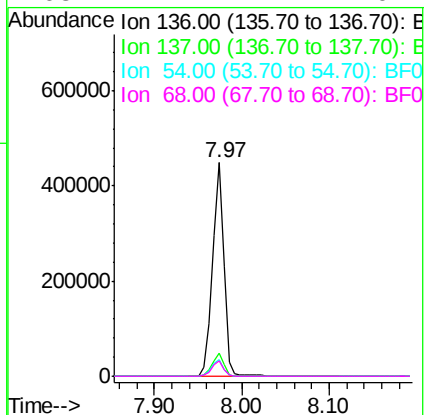
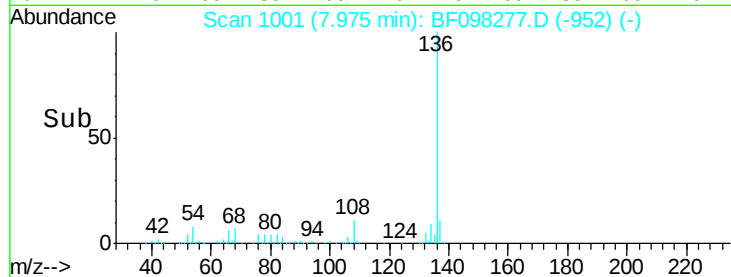
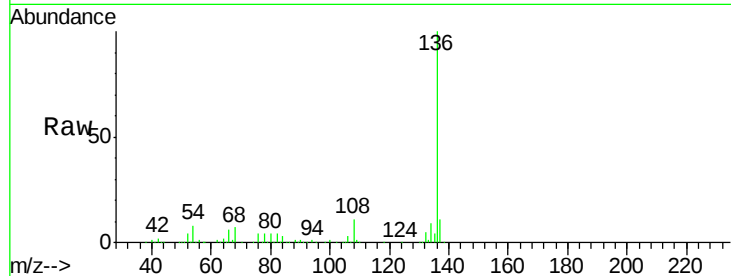
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.7 4.9 7.3#

68 7.1 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 99.84 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF098277.D

Acq: 6 Sep 2017 17:22

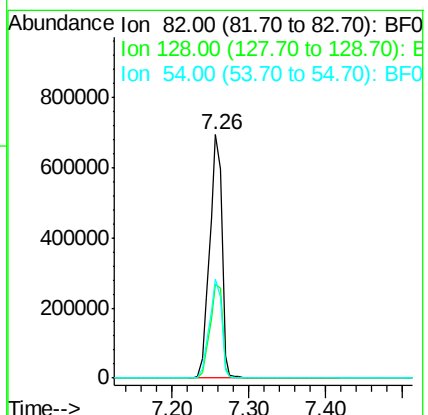
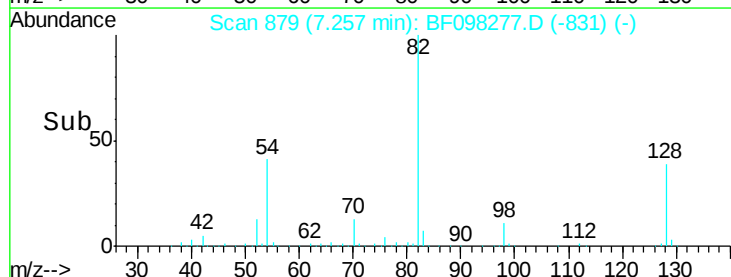
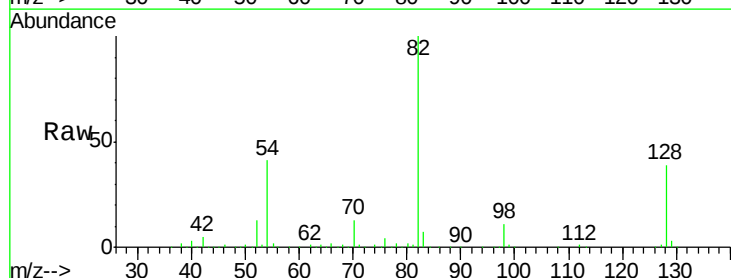
Tgt Ion: 82 Resp: 752935

Ion Ratio Lower Upper

82 100

128 38.6 34.0 51.0

54 40.8 42.2 63.2#





#25

Isophorone

Concen: 47.92 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF098277.D

Acq: 6 Sep 2017 17:22

Instrument :

BNA_F

ClientSampleId :

PB102073BL

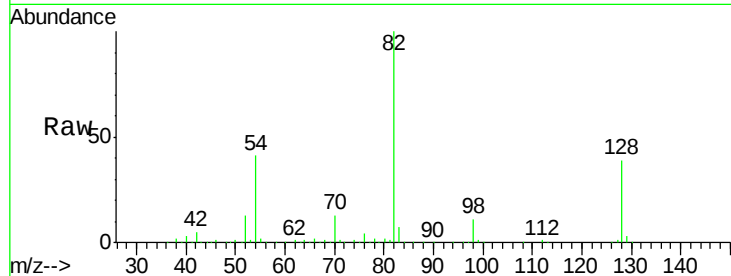
Tot Ion: 82 Resp: 751472

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

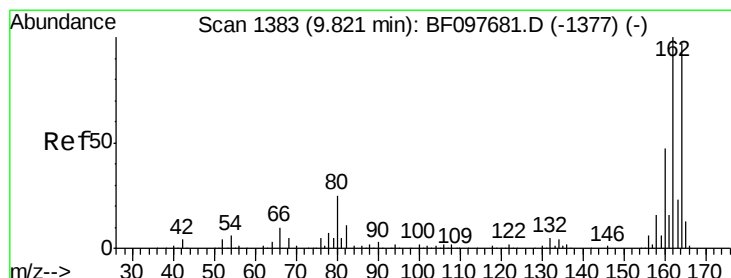
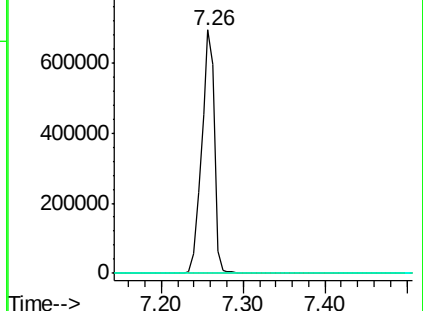
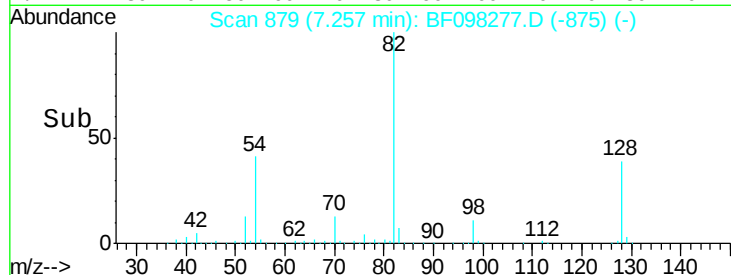
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF098277.D (-875) (-)

Ion 95.00 (94.70 to 95.70): BF098277.D (-875) (-)

Ion 138.00 (137.70 to 138.70): BF098277.D (-875) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF098277.D

Acq: 6 Sep 2017 17:22

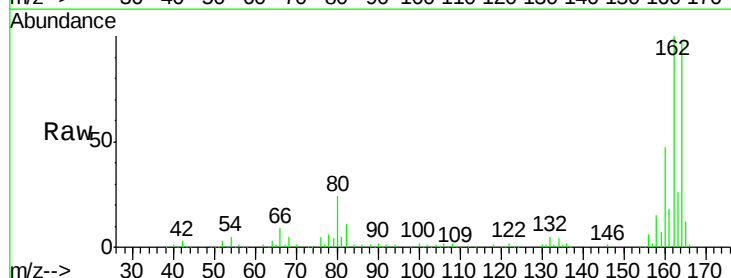
Tgt Ion: 164 Resp: 190723

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

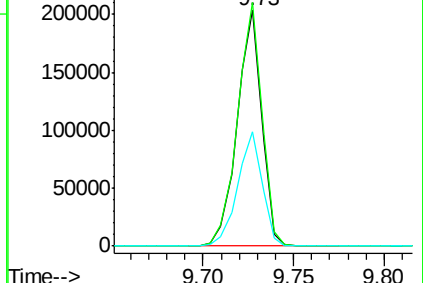
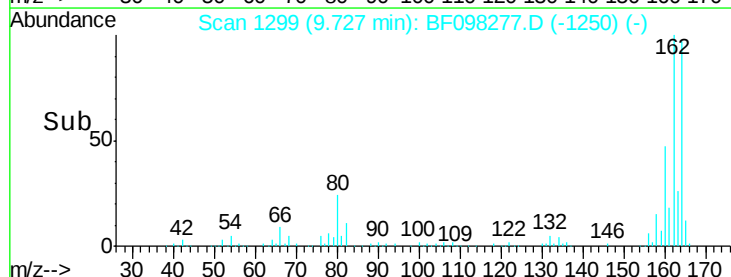
160 48.2 36.2 54.2

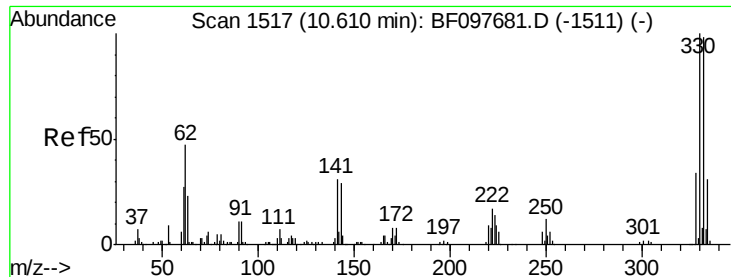


Abundance Ion 164.00 (163.70 to 164.70): BF098277.D (-1250) (-)

Ion 162.00 (161.70 to 162.70): BF098277.D (-1250) (-)

Ion 160.00 (159.70 to 160.70): BF098277.D (-1250) (-)

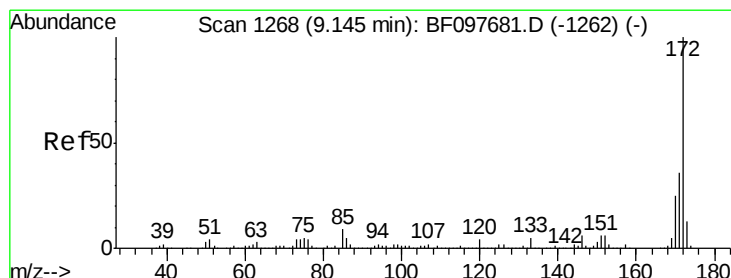
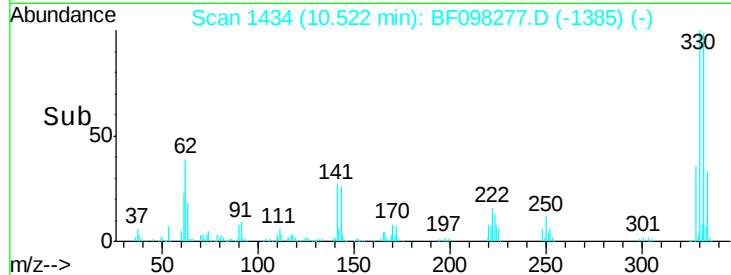
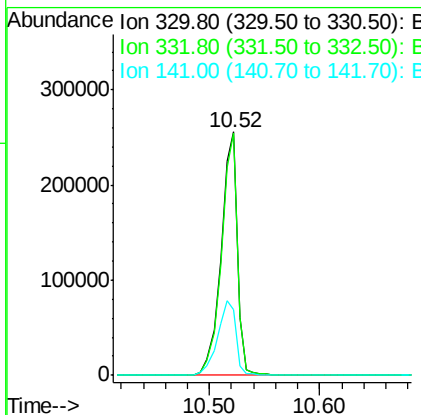
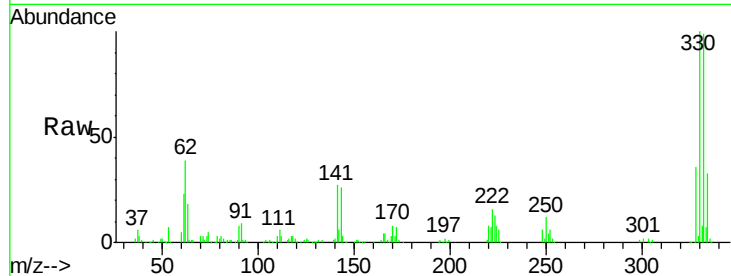




#41
 2,4,6-Tribromophenol
 Concen: 159.45 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098277.D
 Acq: 6 Sep 2017 17:22

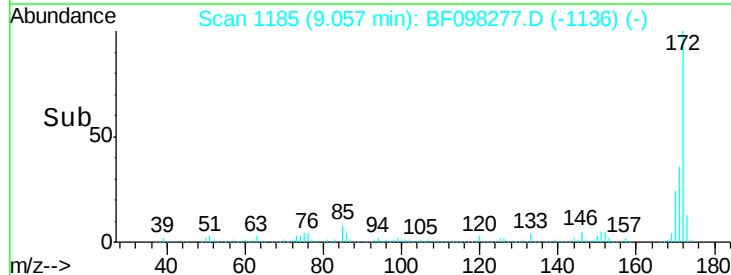
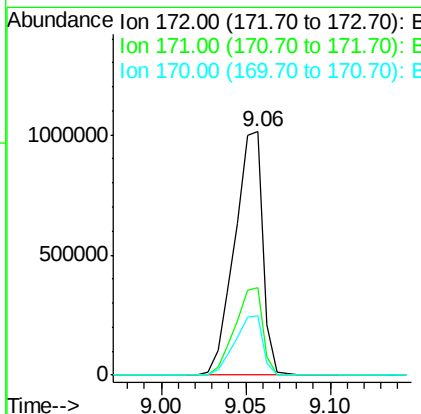
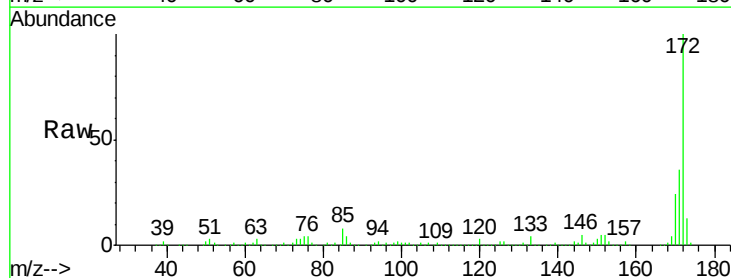
Instrument :
 BNA_F
 ClientSampleId :
 PB102073BL

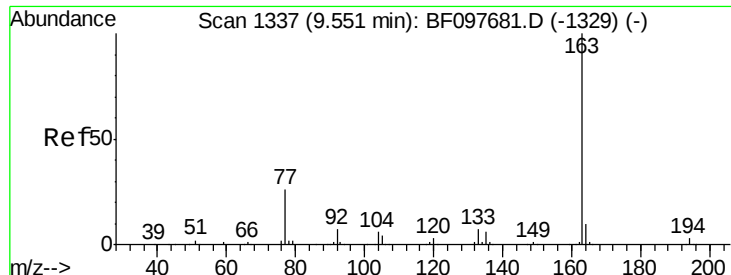
Tot Ion:330 Resp: 263861
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 34.3 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 90.46 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098277.D
 Acq: 6 Sep 2017 17:22

Tgt Ion:172 Resp: 1174254
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.2 19.8 29.8

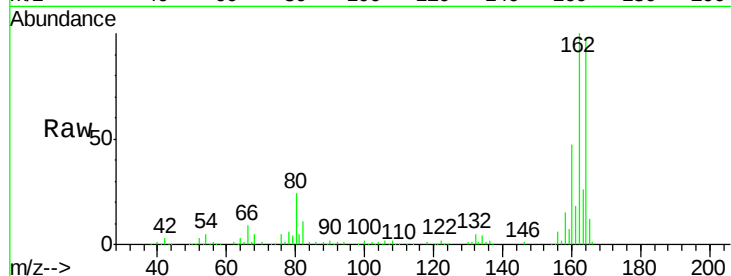




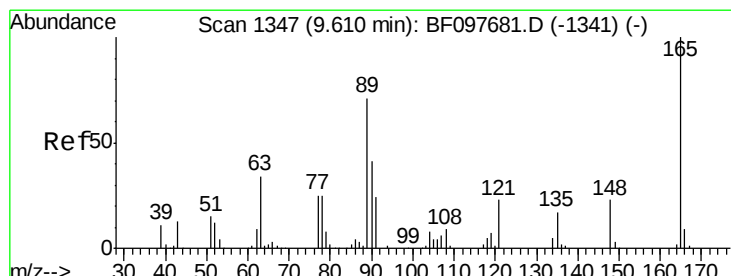
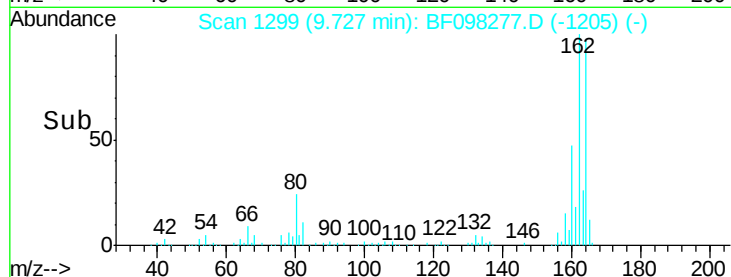
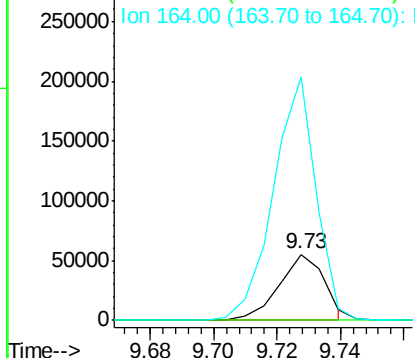
#49
Dimethylphthalate
Concen: 3.97 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.25 min
Lab File: BF098277.D
Acq: 6 Sep 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB102073BL

Tot Ion:163 Resp: 55395
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 368.5 8.4 12.6#

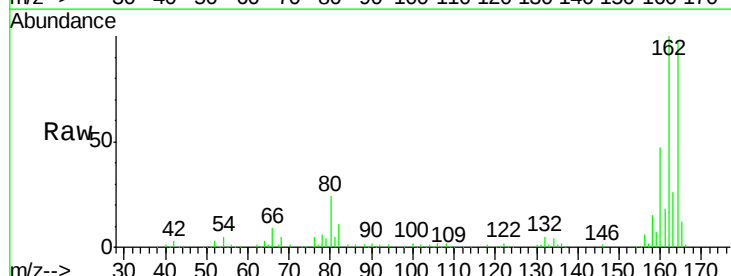


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

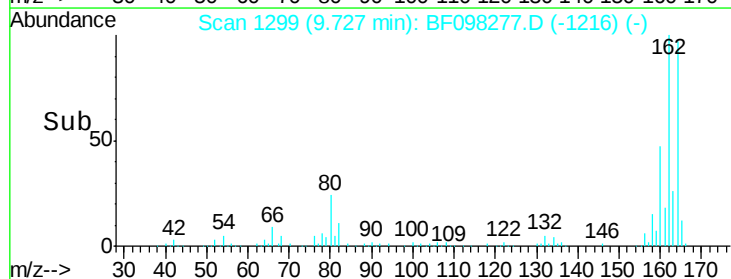
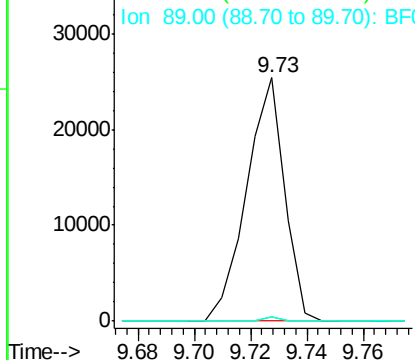


#50
2,6-Dinitrotoluene
Concen: 8.53 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF098277.D
Acq: 6 Sep 2017 17:22

Tgt Ion:165 Resp: 23729
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.6 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

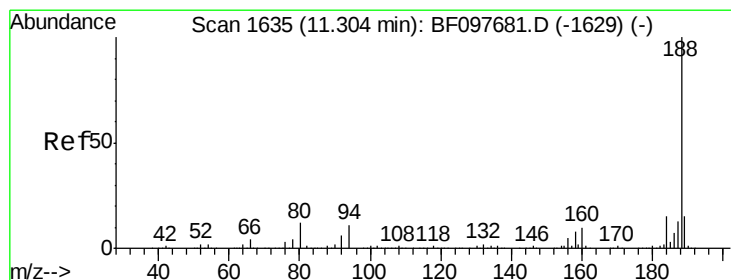
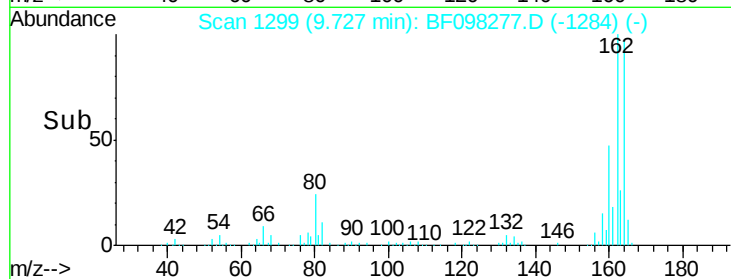
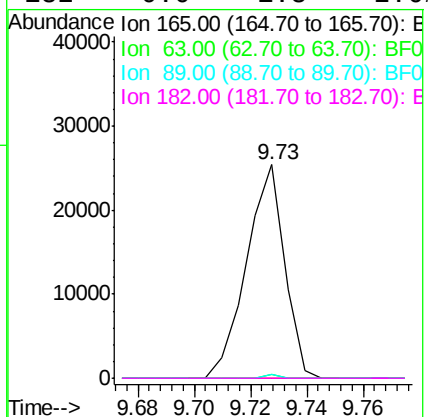
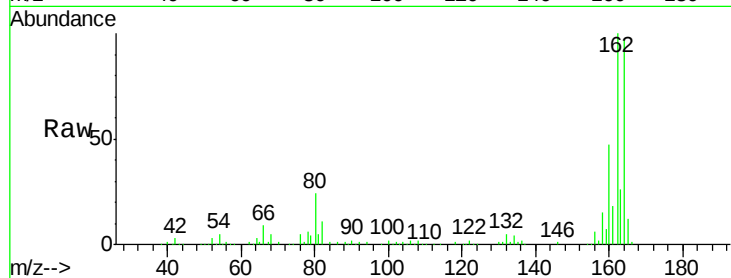




#56
 2,4-Dinitrotoluene
 Concen: 6.79 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF098277.D
 Acq: 6 Sep 2017 17:22

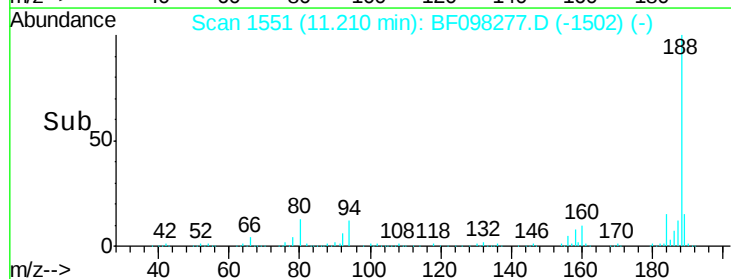
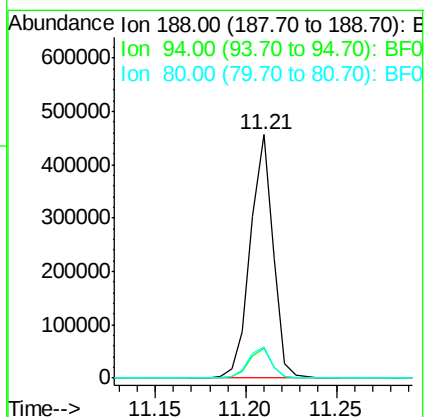
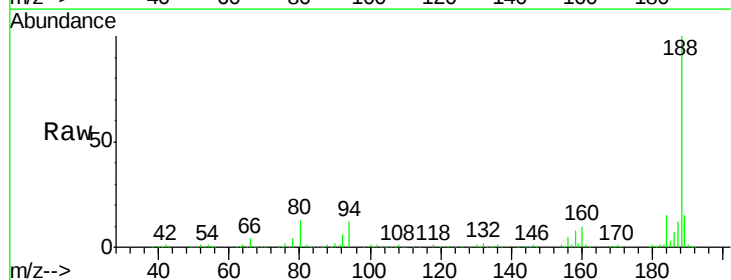
Instrument :
 BNA_F
 ClientSampleId :
 PB102073BL

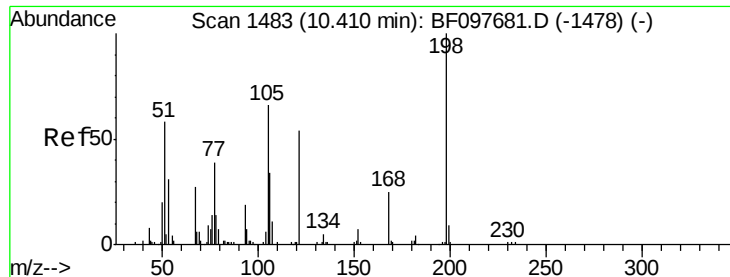
Tot Ion:165	Resp:	23729
Ion Ratio	Lower	Upper
165	100	
63	1.6	25.4 38.0#
89	1.6	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF098277.D
 Acq: 6 Sep 2017 17:22

Tgt Ion:188	Resp:	397562
Ion Ratio	Lower	Upper
188	100	
94	12.2	9.4 14.2
80	12.6	10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.55 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.17 min

Lab File: BF098277.D

Acq: 6 Sep 2017 17:22

Instrument :

BNA_F

ClientSampleId :

PB102073BL

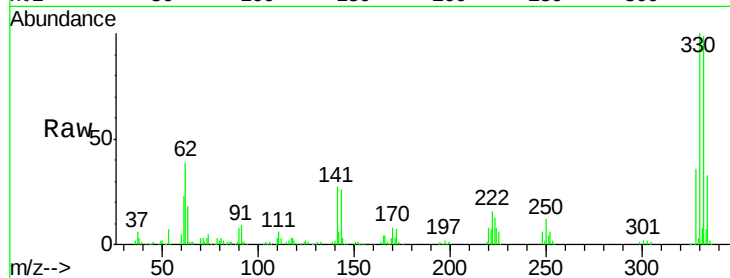
Tot Ion:198 Resp: 523

Ion Ratio Lower Upper

198 100

51 137.6 53.2 93.2#

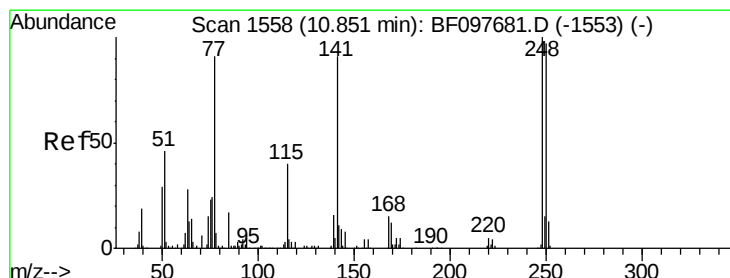
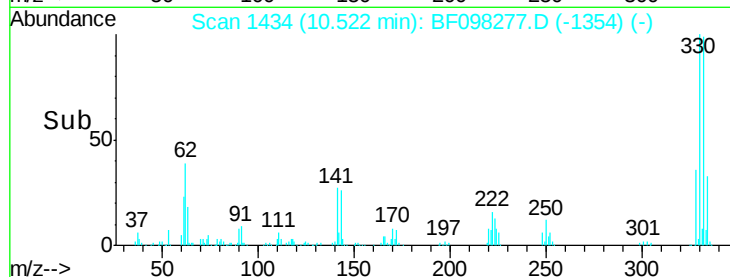
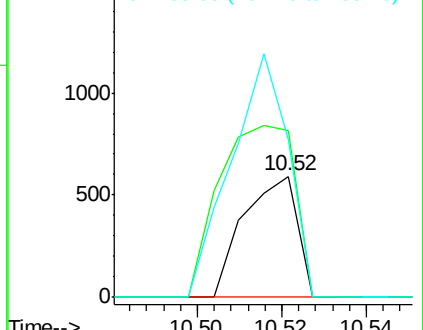
105 130.2 45.8 85.8#



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: 4.28 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.25 min

Lab File: BF098277.D

Acq: 6 Sep 2017 17:22

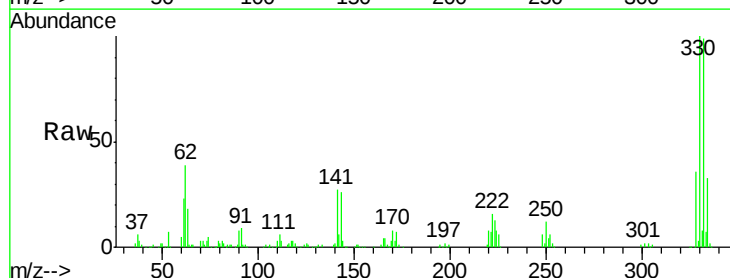
Tgt Ion:248 Resp: 17684

Ion Ratio Lower Upper

248 100

250 193.9 76.8 115.2#

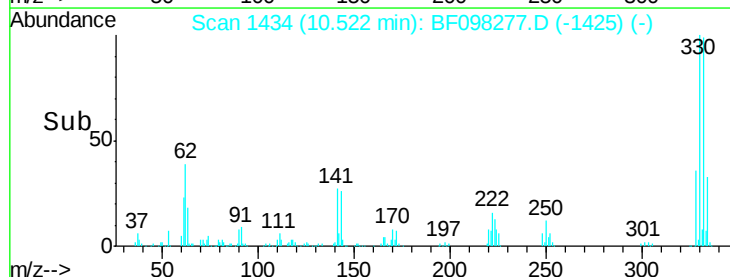
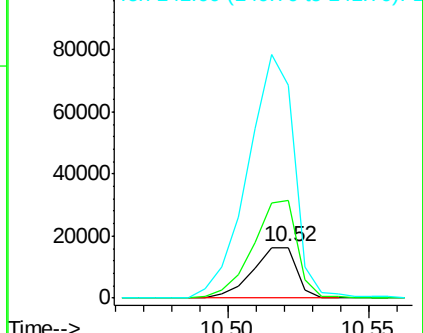
141 422.5 68.6 103.0#

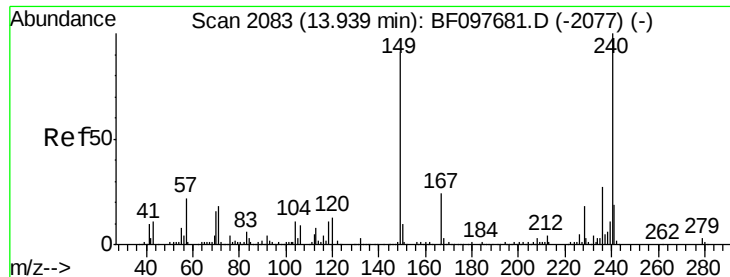


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF098277.D

Acq: 6 Sep 2017 17:22

Instrument :

BNA_F

ClientSampleId :

PB102073BL

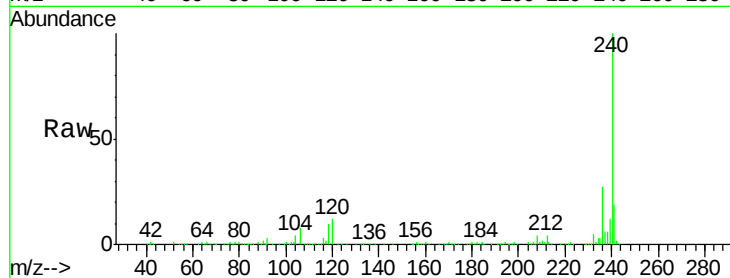
Tot Ion:240 Resp: 388252

Ion Ratio Lower Upper

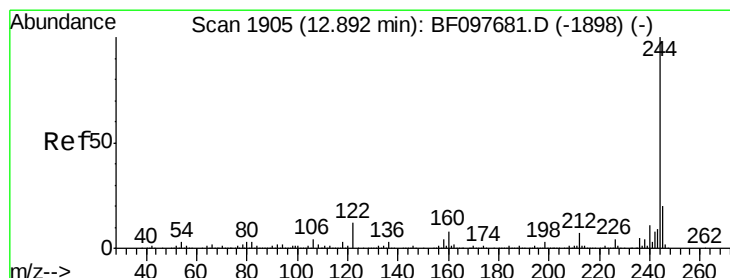
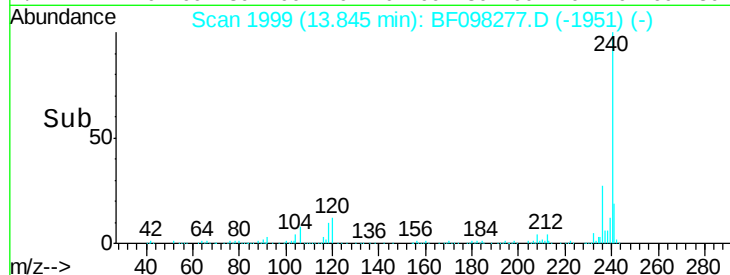
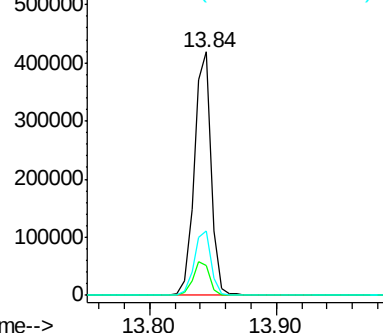
240 100

120 12.4 5.8 8.8#

236 26.7 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: 63.51 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF098277.D

Acq: 6 Sep 2017 17:22

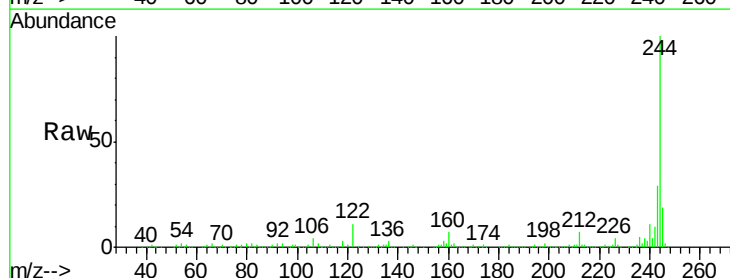
Tgt Ion:244 Resp: 1182421

Ion Ratio Lower Upper

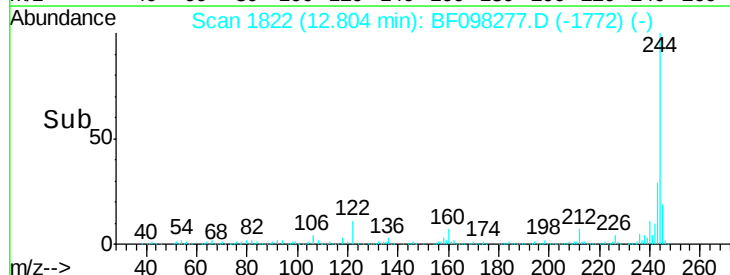
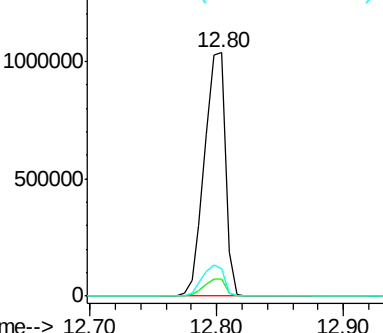
244 100

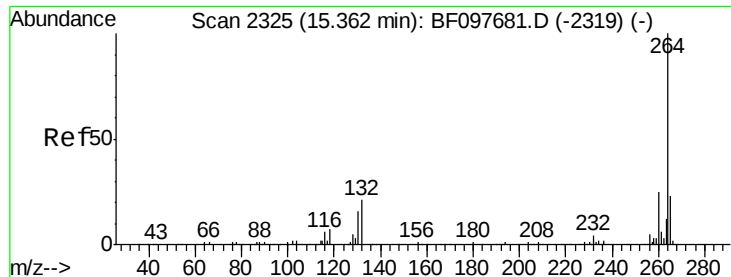
212 7.2 6.0 9.0

122 11.4 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

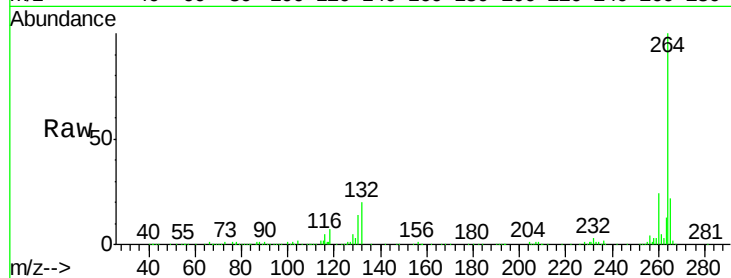




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF098277.D
 Acq: 6 Sep 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB102073BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.7	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

