

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098303.D
 Acq On : 7 Sep 2017 6:00
 Operator : SJ/JU
 Sample : I5083-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-SAND-8

Quant Time: Sep 07 07:25:18 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

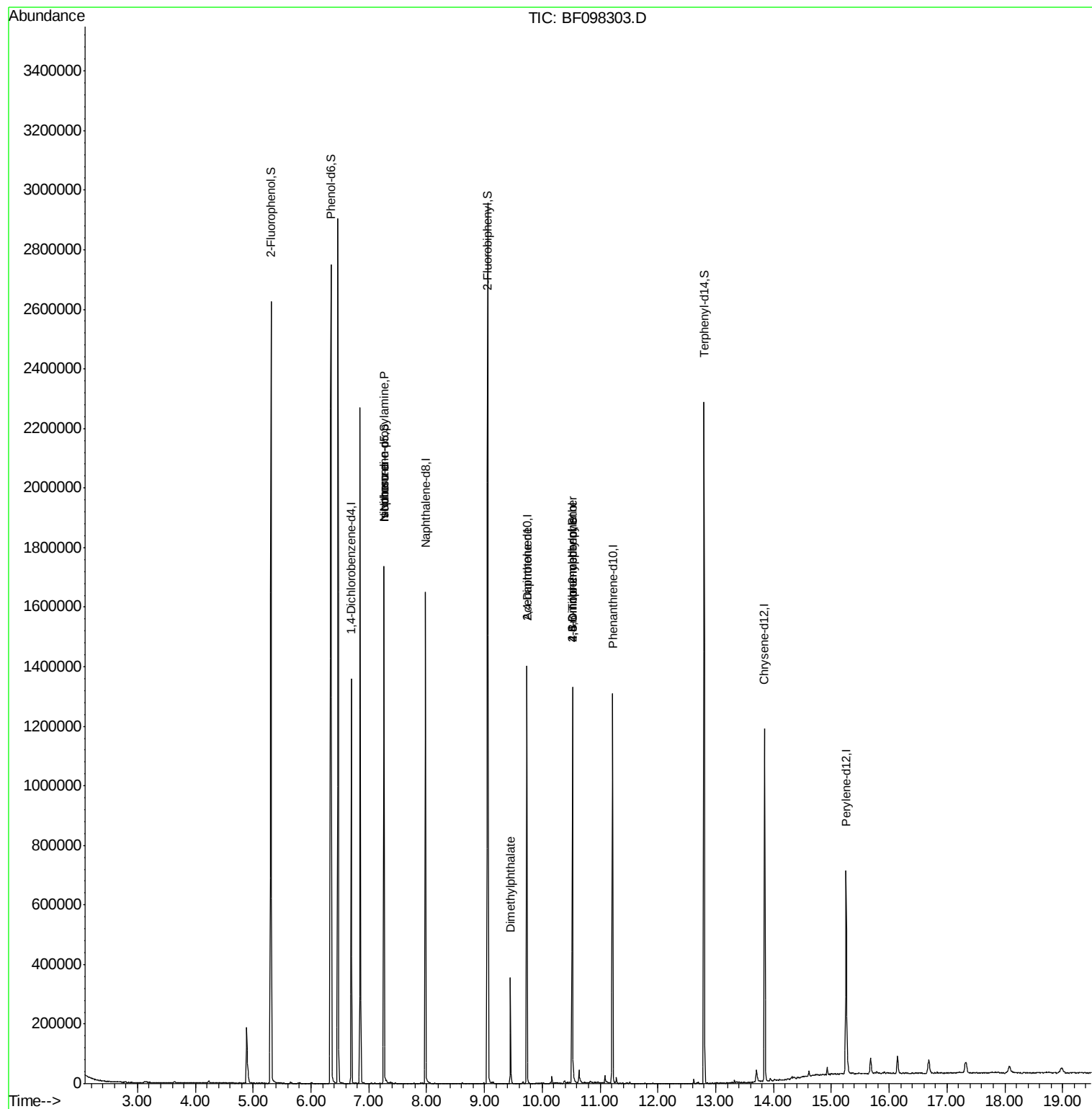
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	188908	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	686810	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	262325	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	442655	20.00	ng	0.00
75) Chrysene-d12	13.84	240	414578	20.00	ng	-0.02
86) Perylene-d12	15.26	264	289015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	877000	70.62	ng	0.00
7) Phenol-d6	6.35	99	1156521	68.54	ng	0.00
23) Nitrobenzene-d5	7.26	82	693569	54.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	155259	68.21	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	912376	51.10	ng	-0.01
78) Terphenyl-d14	12.80	244	679906	34.20	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	91491	7.92	ng	# 71
25) Isophorone	7.26	82	686285	26.11	ng	# 67
49) Dimethylphthalate	9.45	163	124838	6.51	ng	98
56) 2,4-Dinitrotoluene	9.73	165	33098	6.89	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.52	198	309	8.44	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10195	2.22	ng	# 1

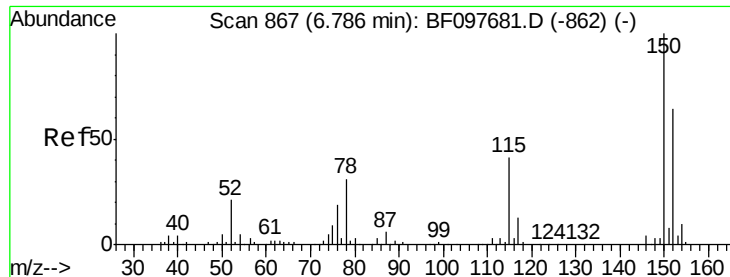
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098303.D
Acq On : 7 Sep 2017 6:00
Operator : SJ/JU
Sample : I5083-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLEAN-SAND-8

Quant Time: Sep 07 07:25:18 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: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF098303.D

Acq: 7 Sep 2017 6:00

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-8

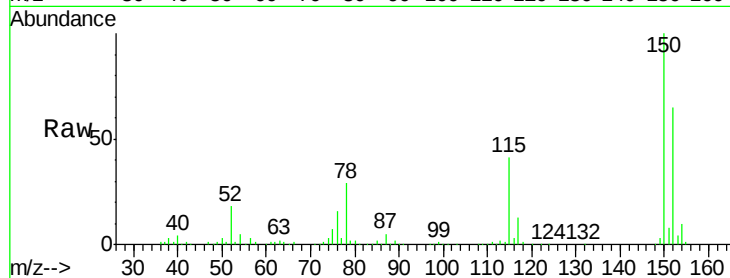
Tot Ion:152 Resp: 188908

Ion Ratio Lower Upper

152 100

150 155.0 126.2 189.2

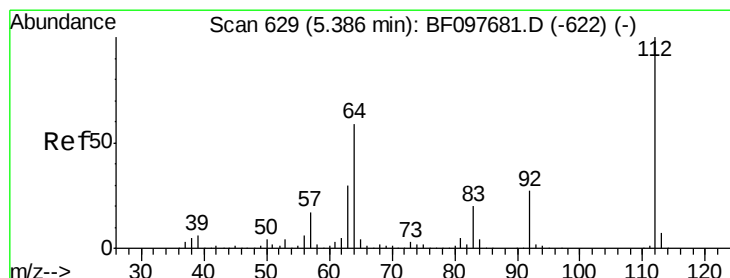
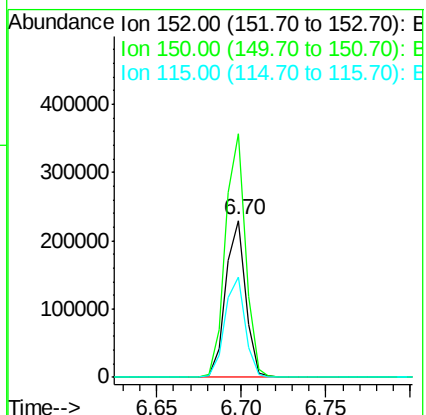
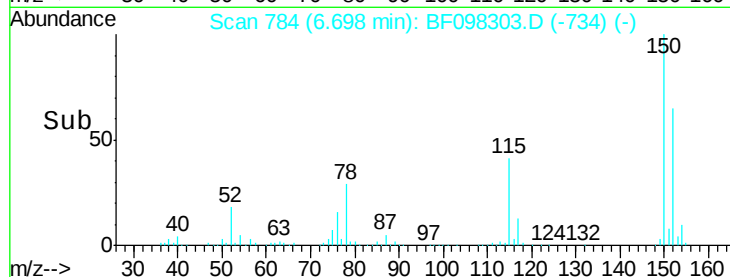
115 64.0 52.2 78.2



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: 70.62 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF098303.D

Acq: 7 Sep 2017 6:00

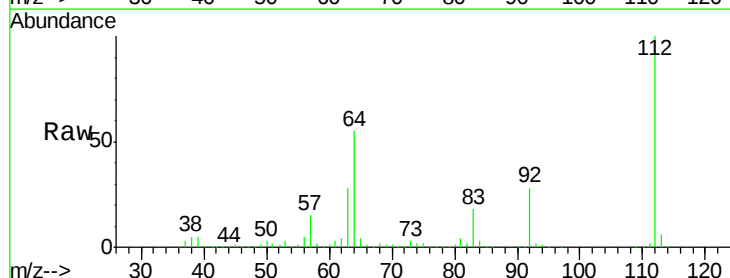
Tgt Ion:112 Resp: 877000

Ion Ratio Lower Upper

112 100

64 55.0 46.0 69.0

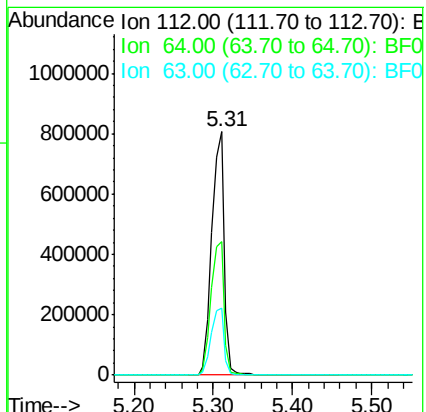
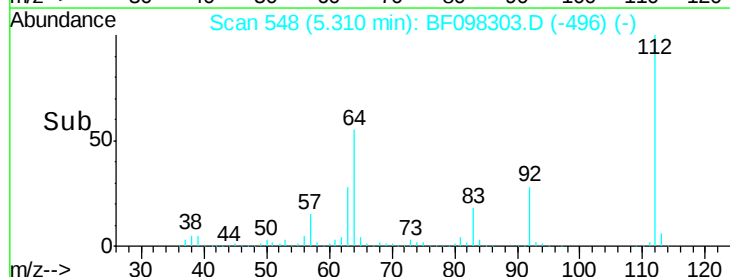
63 27.5 23.4 35.0

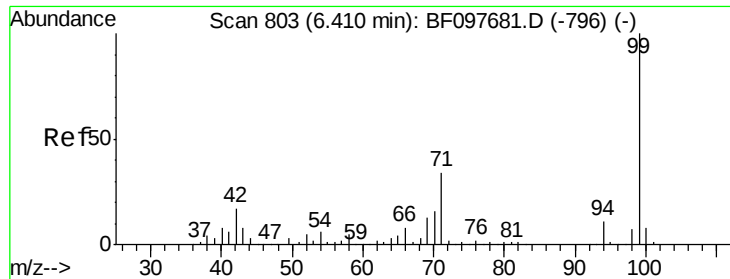


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 68.54 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF098303.D

Acq: 7 Sep 2017 6:00

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-8

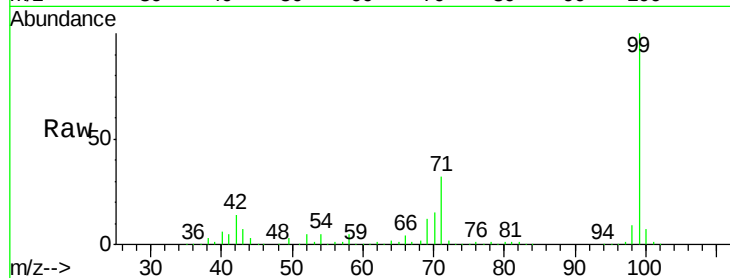
Tot Ion: 99 Resp: 1156521

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

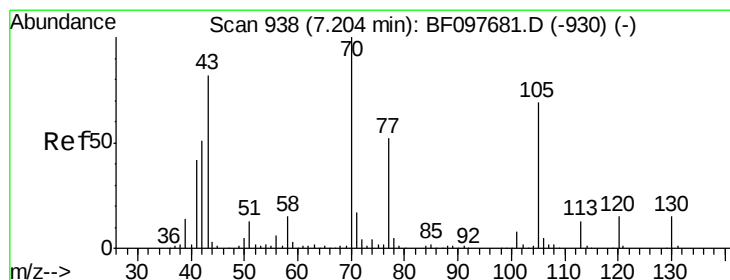
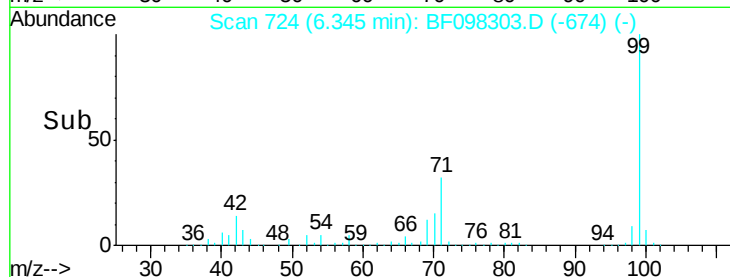
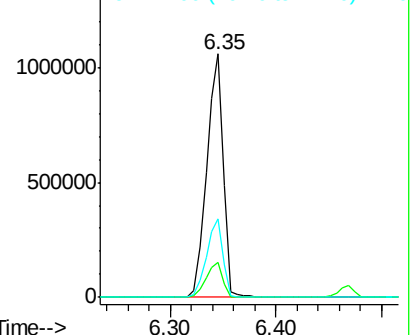
71 32.4 24.5 36.7



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: 7.92 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF098303.D

Acq: 7 Sep 2017 6:00

Tgt Ion: 70 Resp: 91491

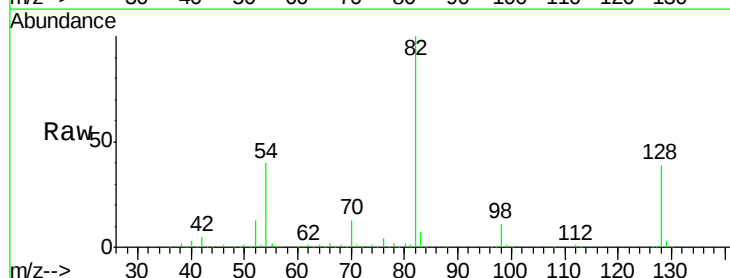
Ion Ratio Lower Upper

70 100

42 39.1 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

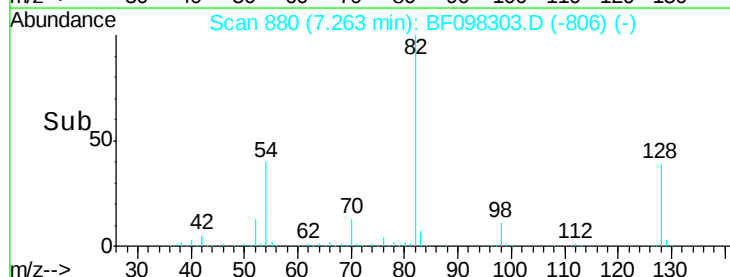
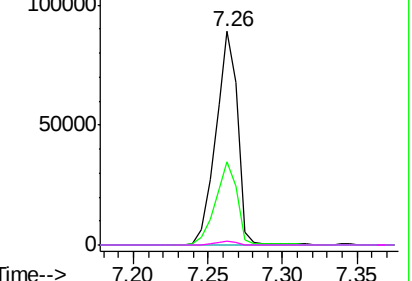


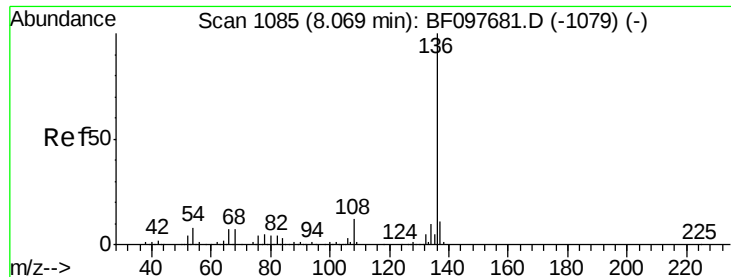
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098303.D

Acq: 7 Sep 2017 6:00

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-8

Tot Ion:136 Resp: 686810

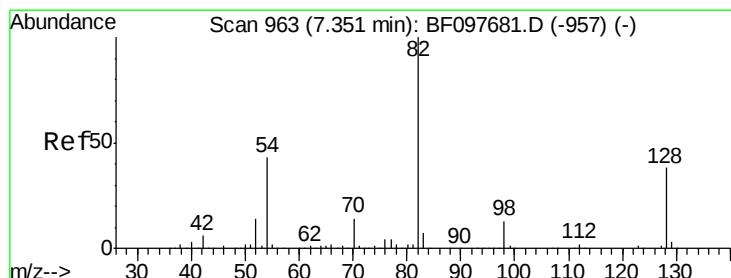
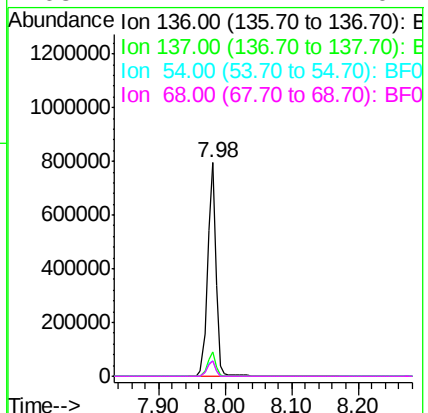
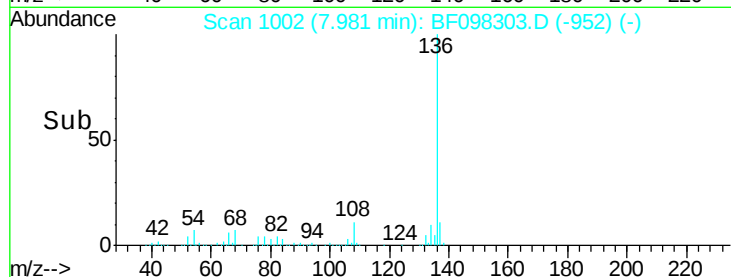
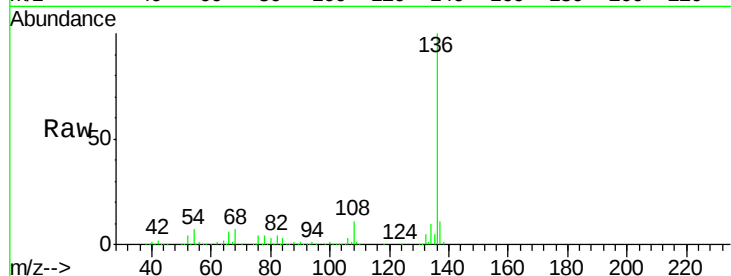
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.5 4.9 7.3#

68 7.4 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 54.86 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF098303.D

Acq: 7 Sep 2017 6:00

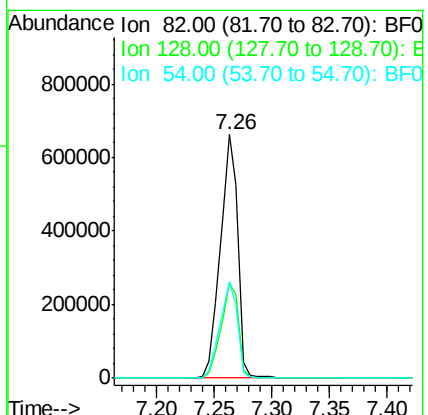
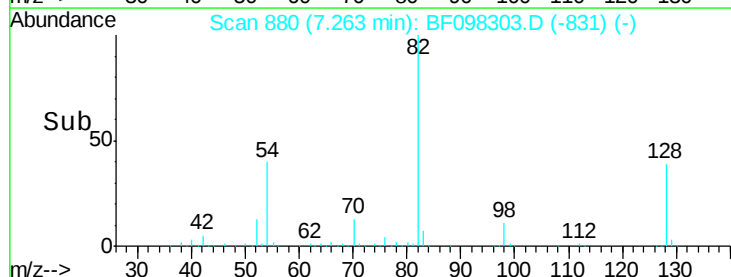
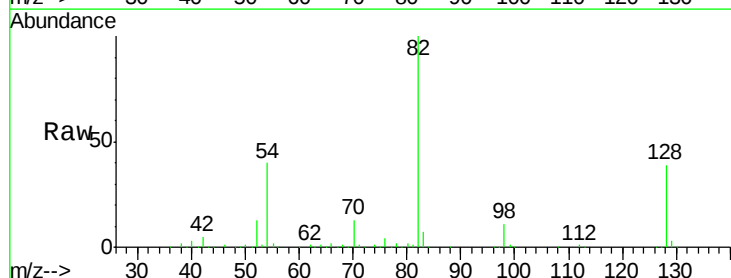
Tgt Ion: 82 Resp: 693569

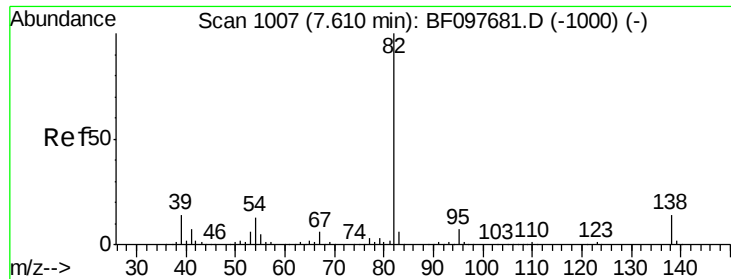
Ion Ratio Lower Upper

82 100

128 38.9 34.0 51.0

54 39.8 42.2 63.2#





#25

Isophorone

Concen: 26.11 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF098303.D

Acq: 7 Sep 2017 6:00

Instrument :

BNA_F

ClientSampleId :

CLEAN-SAND-8

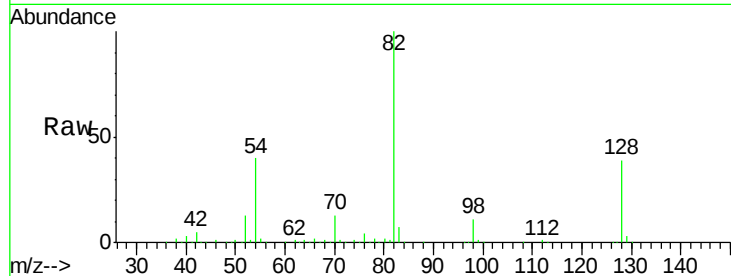
Tot Ion: 82 Resp: 686285

Ion Ratio Lower Upper

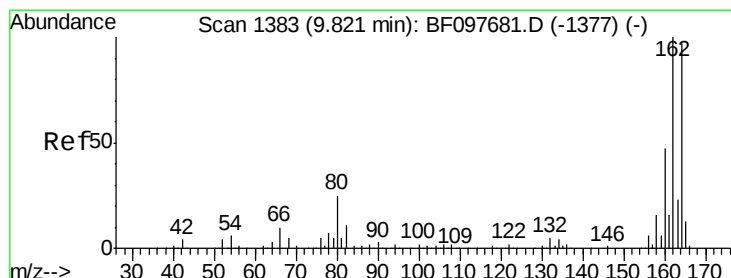
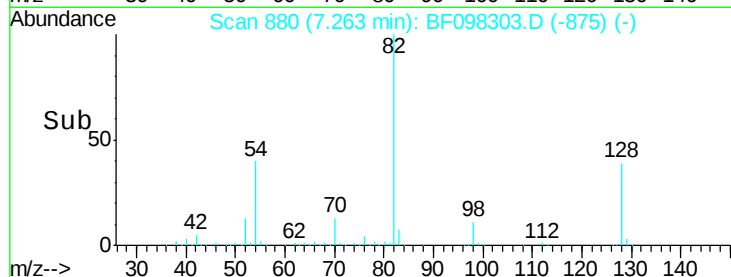
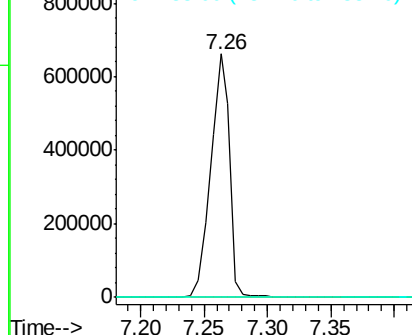
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098303.D

Acq: 7 Sep 2017 6:00

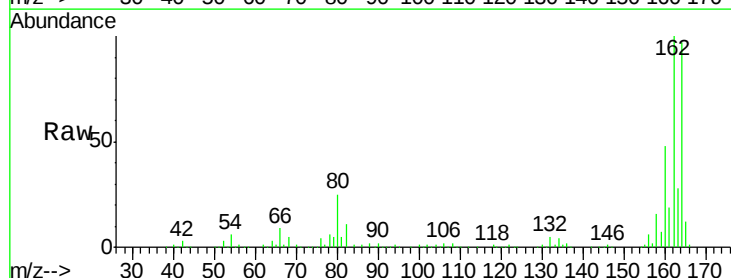
Tgt Ion: 164 Resp: 262325

Ion Ratio Lower Upper

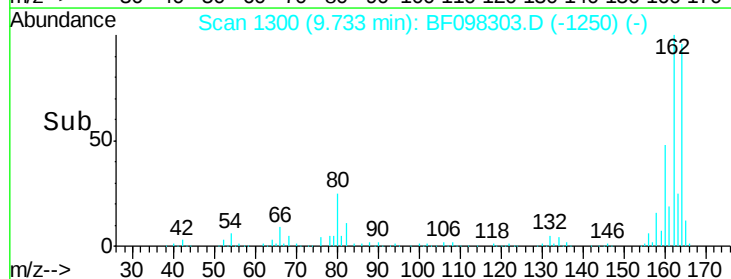
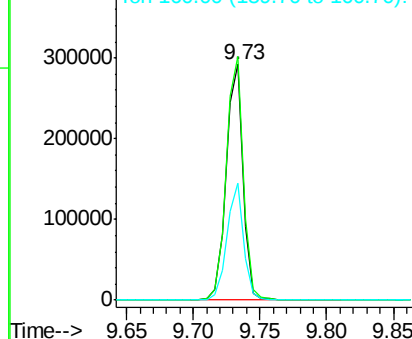
164 100

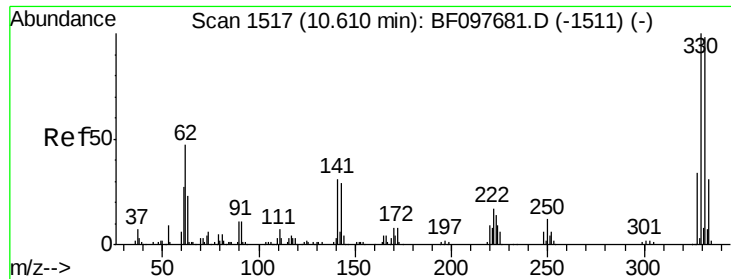
162 103.3 82.6 123.8

160 49.7 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

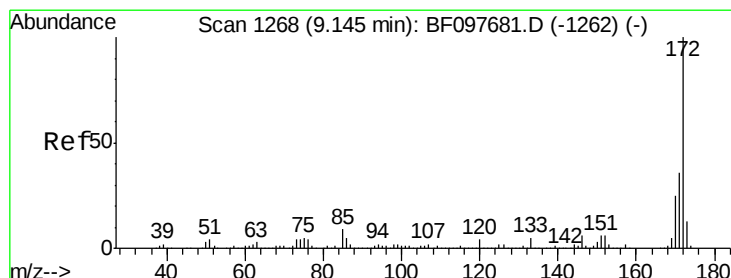
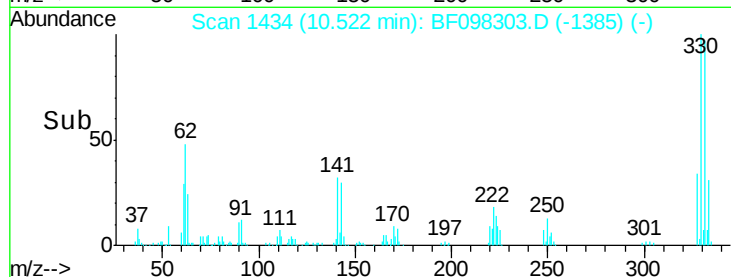
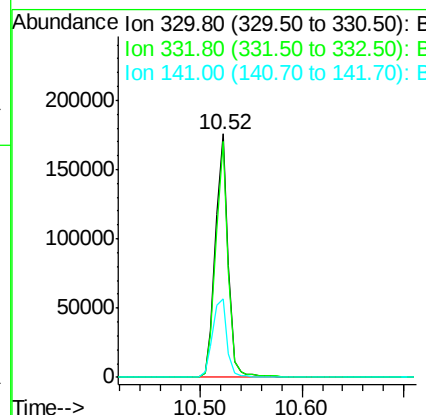
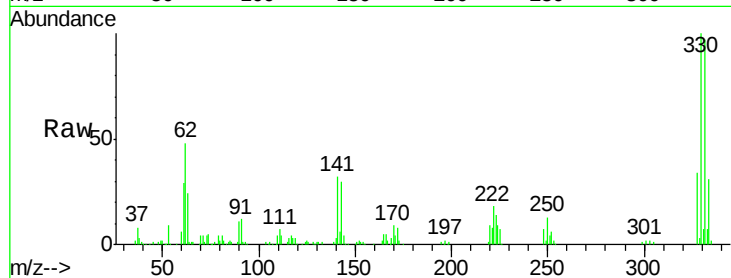




#41
 2,4,6-Tribromophenol
 Concen: 68.21 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098303.D
 Acq: 7 Sep 2017 6:00

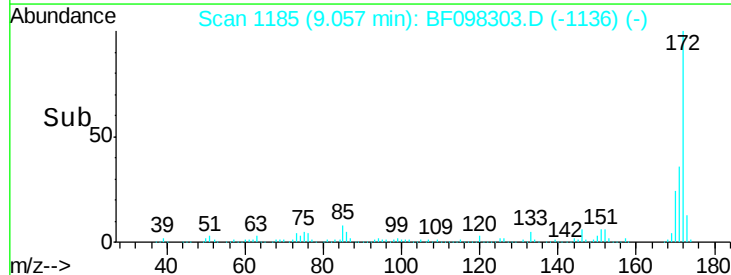
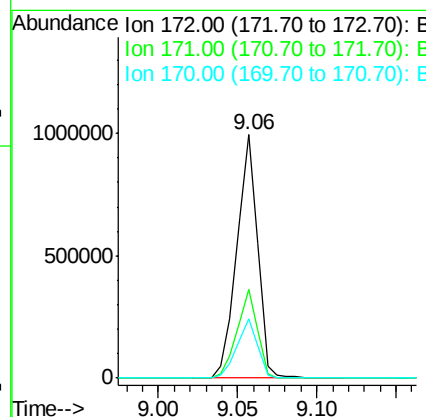
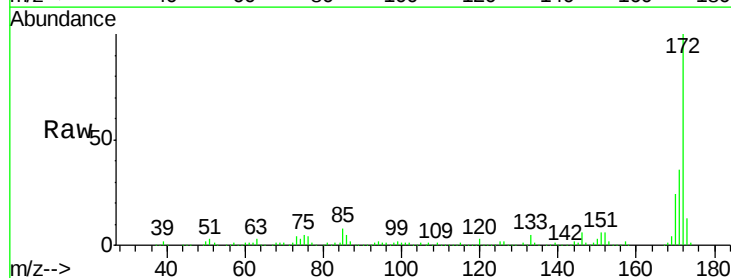
Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-SAND-8

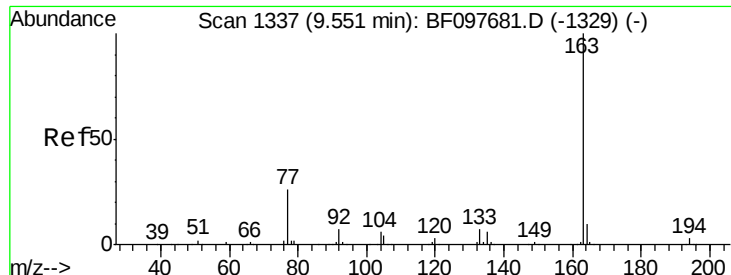
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	36.5	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 51.10 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098303.D
 Acq: 7 Sep 2017 6:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.1	19.8	29.8

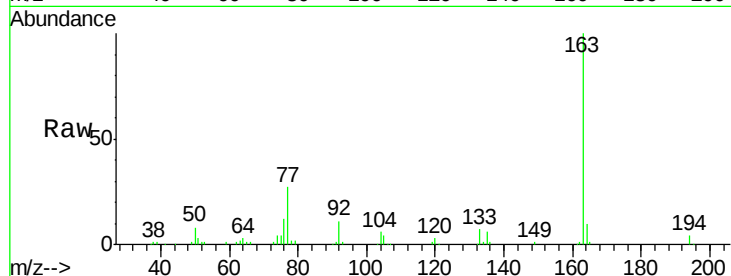




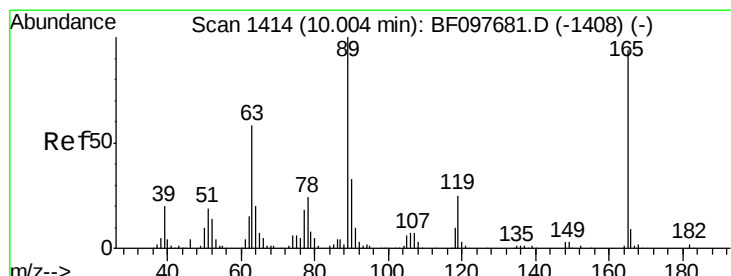
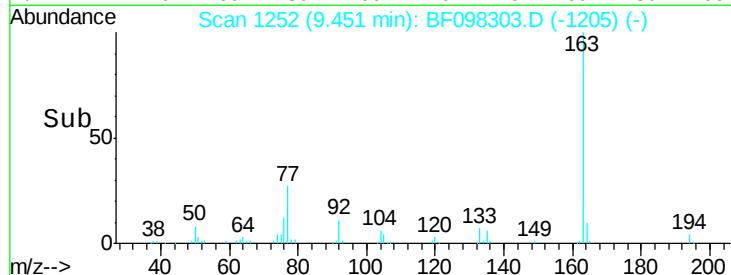
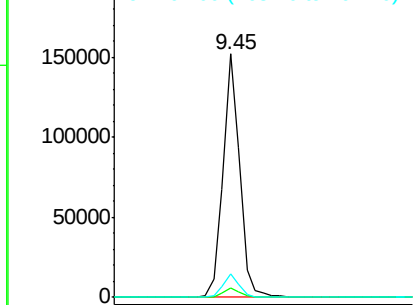
#49
Dimethylphthalate
Concen: 6.51 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF098303.D
Acq: 7 Sep 2017 6:00

Instrument :
BNA_F
ClientSampleId :
CLEAN-SAND-8

Tot Ion:163 Resp: 124838
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.7 8.4 12.6

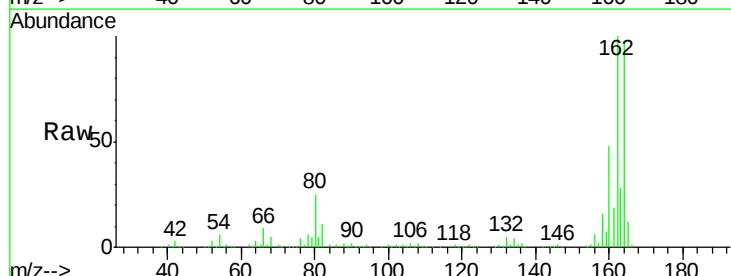


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

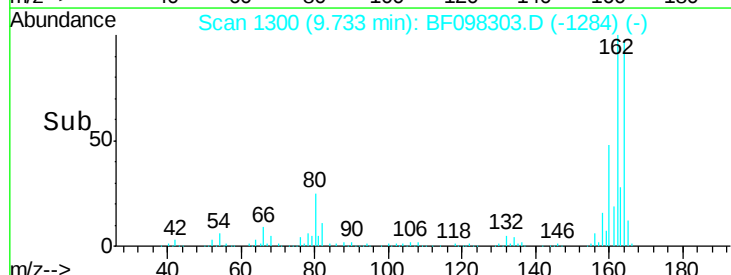
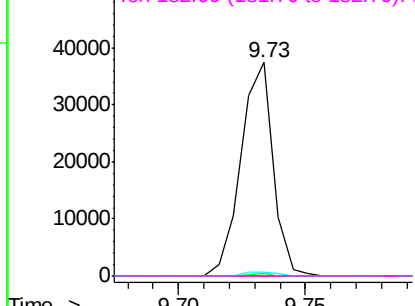


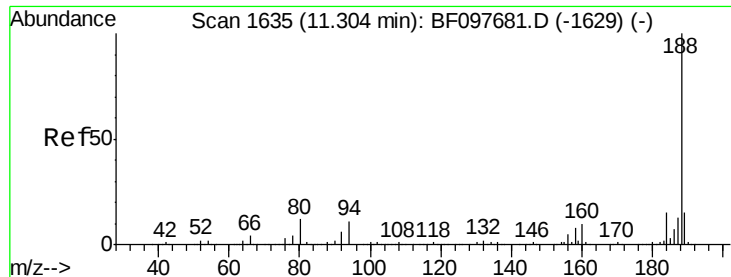
#56
2,4-Dinitrotoluene
Concen: 6.89 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF098303.D
Acq: 7 Sep 2017 6:00

Tgt Ion:165 Resp: 33098
Ion Ratio Lower Upper
165 100
63 0.9 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

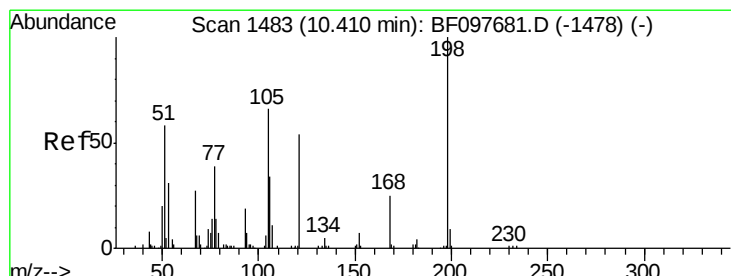
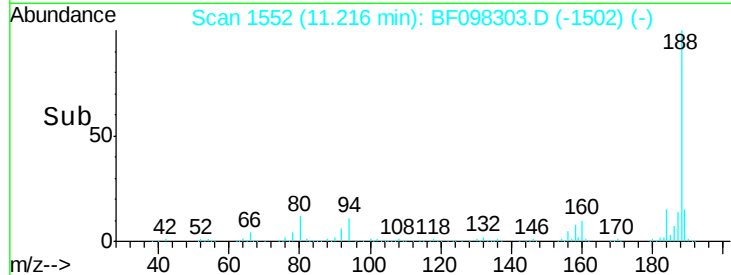
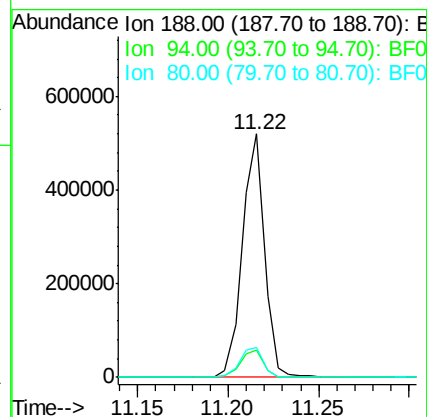
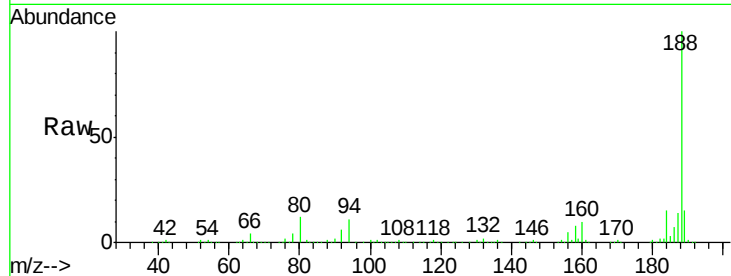




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098303.D
Acq: 7 Sep 2017 6:00

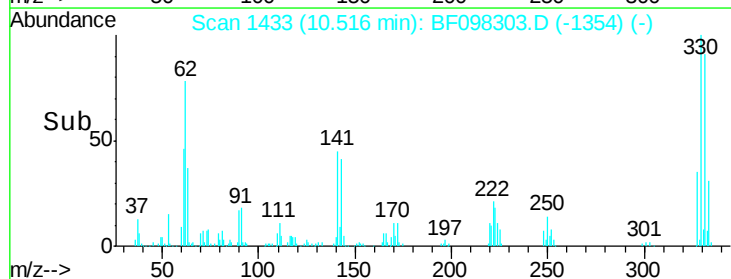
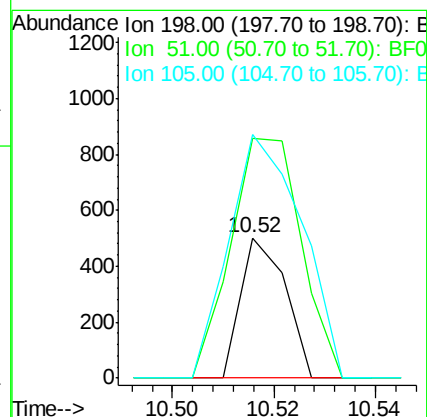
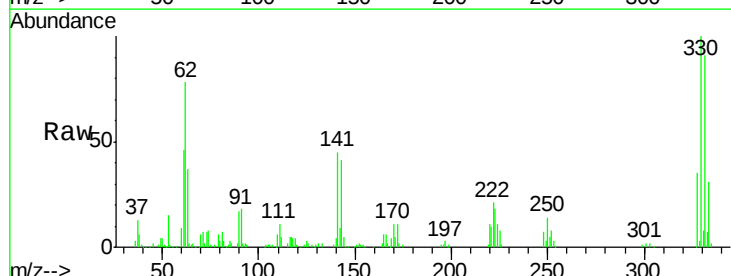
Instrument :
BNA_F
ClientSampleId :
CLEAN-SAND-8

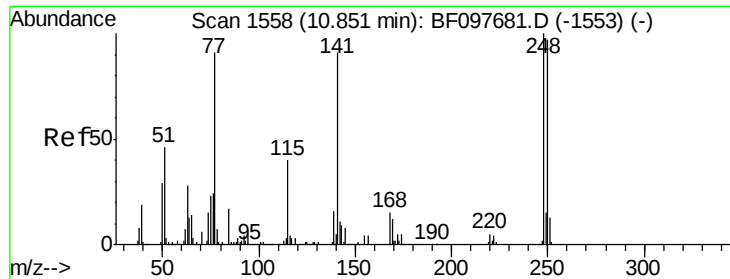
Tot Ion:188 Resp: 442655
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 12.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.44 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.16 min
Lab File: BF098303.D
Acq: 7 Sep 2017 6:00

Tgt Ion:198 Resp: 309
Ion Ratio Lower Upper
198 100
51 170.9 53.2 93.2#
105 173.9 45.8 85.8#

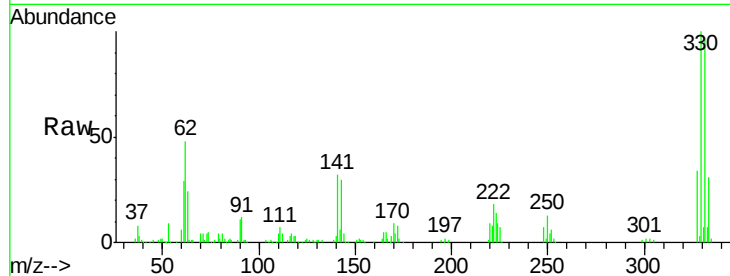




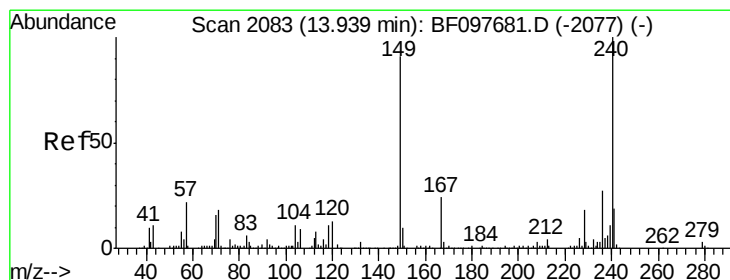
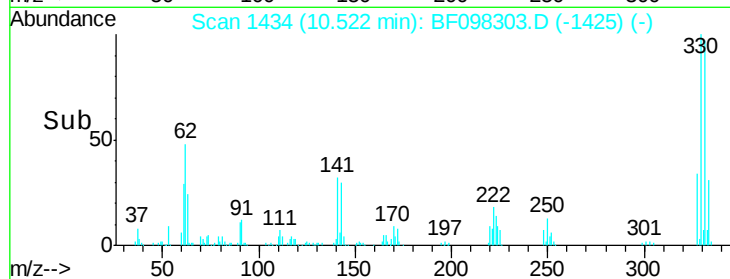
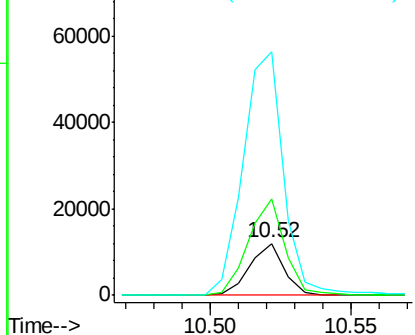
#66
 4-Bromophenyl-phenylether
 Concen: 2.22 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF098303.D
 Acq: 7 Sep 2017 6:00

Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-SAND-8

Tot Ion:248 Resp: 10195
 Ion Ratio Lower Upper
 248 100
 250 184.9 76.8 115.2#
 141 469.4 68.6 103.0#

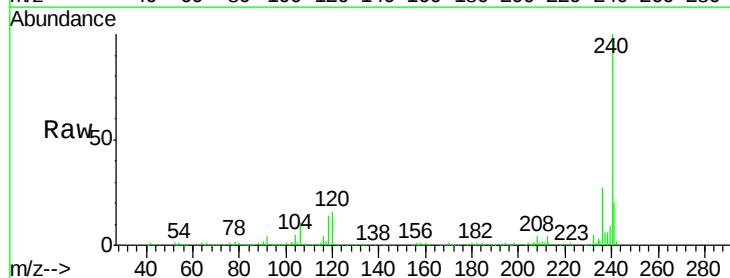


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

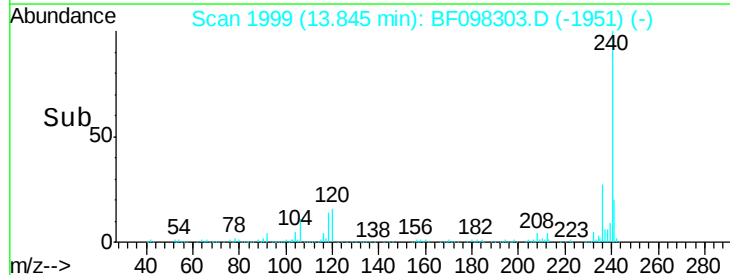
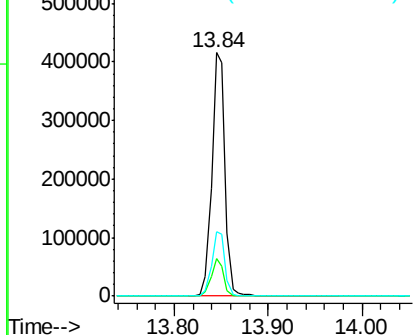


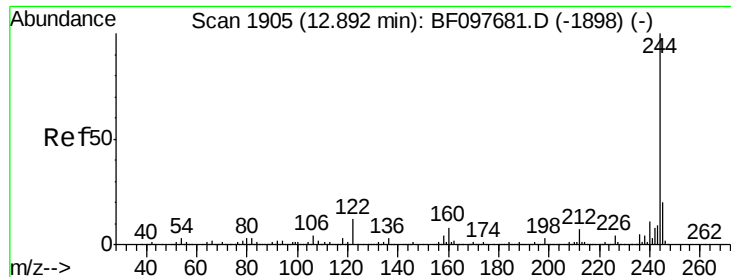
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF098303.D
 Acq: 7 Sep 2017 6:00

Tgt Ion:240 Resp: 414578
 Ion Ratio Lower Upper
 240 100
 120 15.7 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

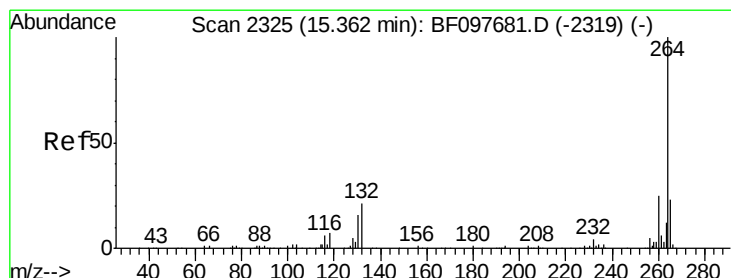
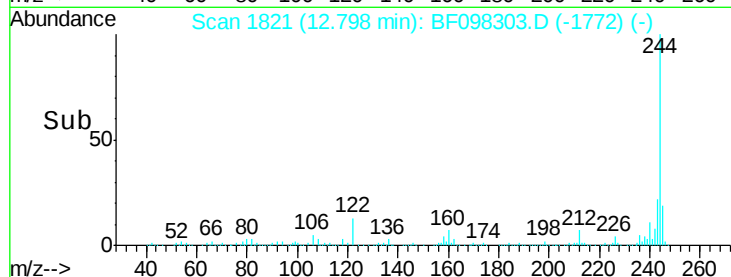
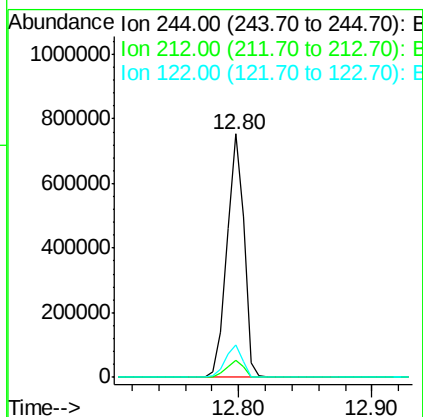
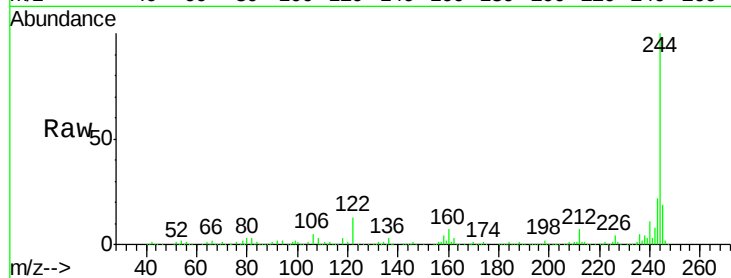




#78
 Terphenyl-d14
 Concen: 34.20 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF098303.D
 Acq: 7 Sep 2017 6:00

Instrument :
 BNA_F
 ClientSampleId :
 CLEAN-SAND-8

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.3	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF098303.D
 Acq: 7 Sep 2017 6:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	21.3	17.2	25.8

