

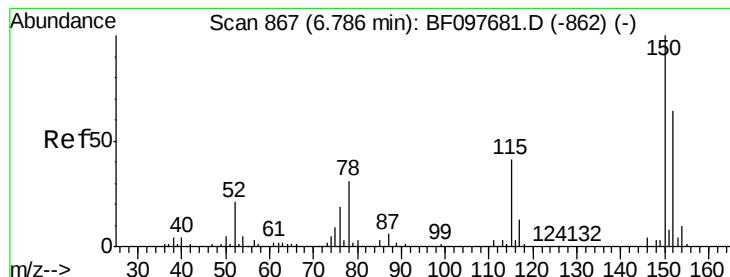
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098291.D
 Acq On : 6 Sep 2017 23:54
 Operator : SJ/JU
 Sample : I5075-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12020

Quant Time: Sep 07 03:41:35 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	112780	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	423755	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	163013	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	263949	20.00	ng	0.00
75) Chrysene-d12	13.85	240	245866	20.00	ng	-0.01
86) Perylene-d12	15.26	264	171950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	548875	74.03	ng	0.00
7) Phenol-d6	6.34	99	742199	73.67	ng	-0.01
23) Nitrobenzene-d5	7.26	82	426298	54.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	86153	60.91	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	506408	45.64	ng	-0.01
78) Terphenyl-d14	12.80	244	313471	26.59	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	56705	8.22	ng	# 70
25) Isophorone	7.26	82	420702	25.94	ng	# 67
49) Dimethylphthalate	9.45	163	107601	9.03	ng	99
55) 4-Nitrophenol	9.93	139	5219	2.13	ng	# 43
56) 2,4-Dinitrotoluene	9.73	165	21398	7.17	ng	# 34
66) 4-Bromophenyl-phenylether	10.52	248	5889	2.15	ng	# 1
70) Phenanthrene	11.24	178	30120	2.14	ng	98
74) Fluoranthene	12.42	202	34545	2.35	ng	97

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

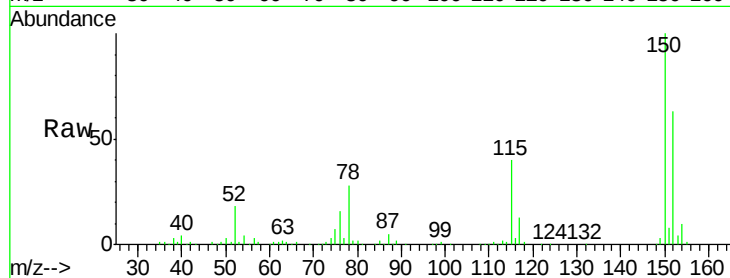


#1

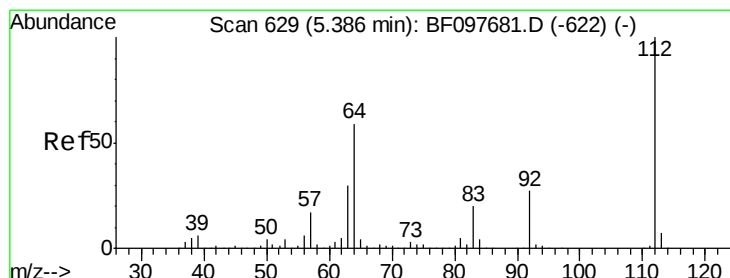
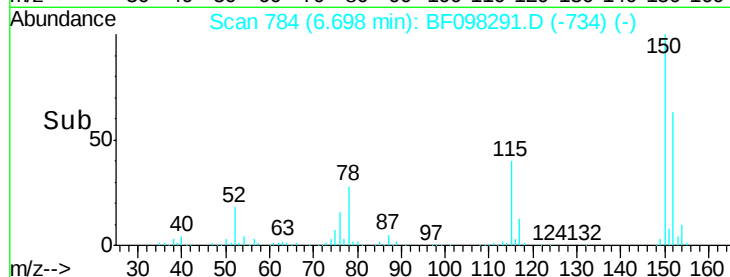
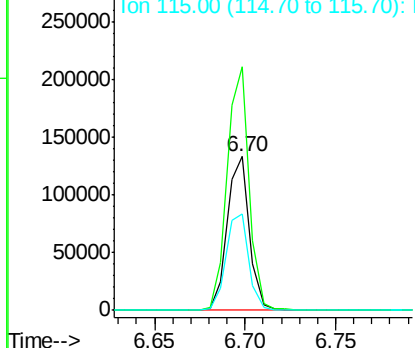
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF098291.D
Acq: 6 Sep 2017 23:54

Instrument :
BNA_F
ClientSampleId :
72-12020

Tot Ion:152 Resp: 112780
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 62.8 52.2 78.2



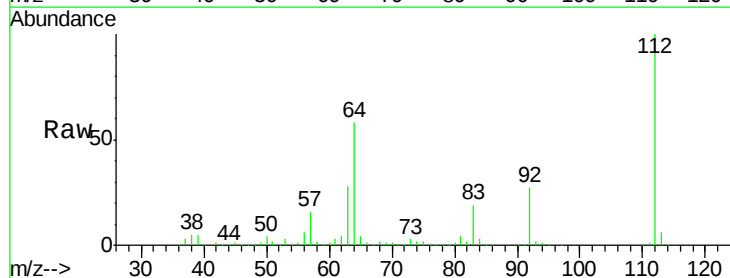
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



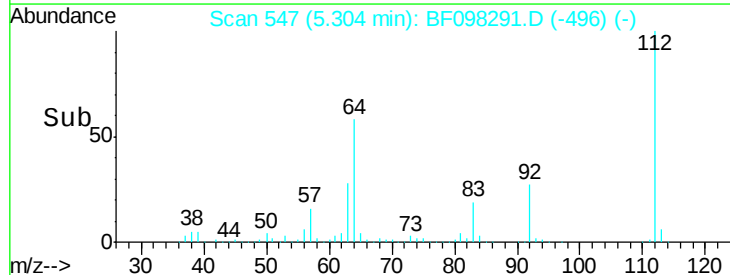
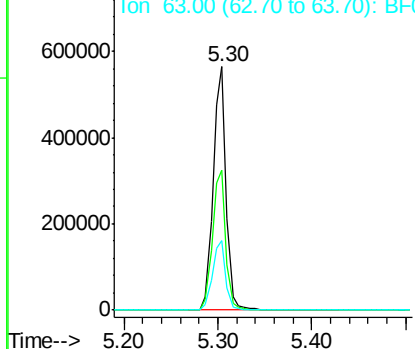
#5

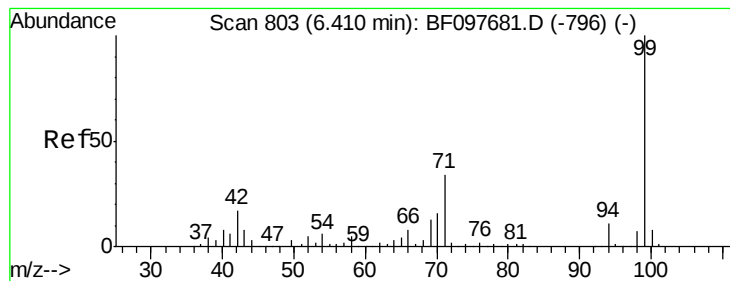
2-Fluorophenol
Concen: 74.03 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF098291.D
Acq: 6 Sep 2017 23:54

Tgt Ion:112 Resp: 548875
Ion Ratio Lower Upper
112 100
64 57.6 46.0 69.0
63 28.4 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: 73.67 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098291.D

Acq: 6 Sep 2017 23:54

Instrument :

BNA_F

ClientSampled :

72-12020

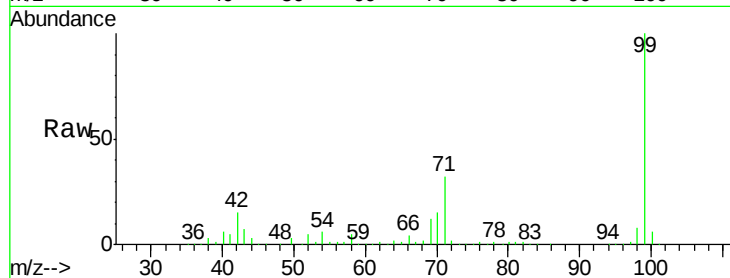
Tot Ion: 99 Resp: 742199

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

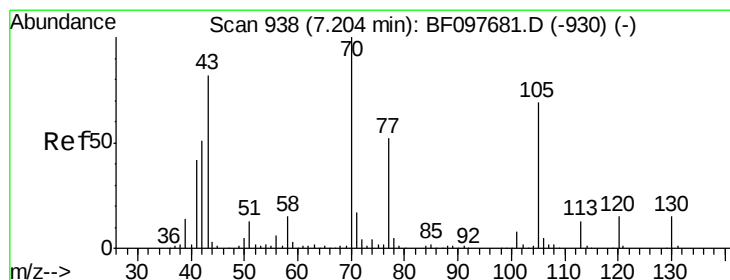
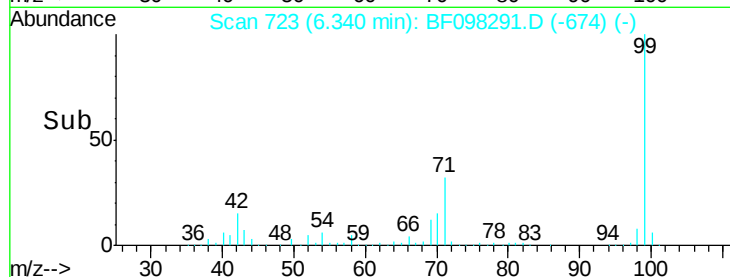
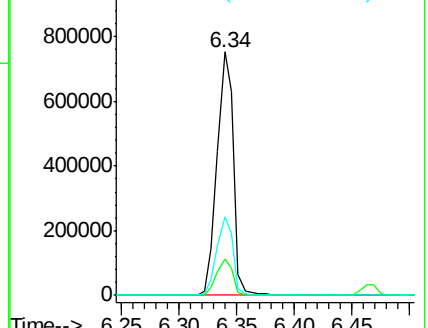
71 32.3 24.5 36.7



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: 8.22 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF098291.D

Acq: 6 Sep 2017 23:54

Tgt Ion: 70 Resp: 56705

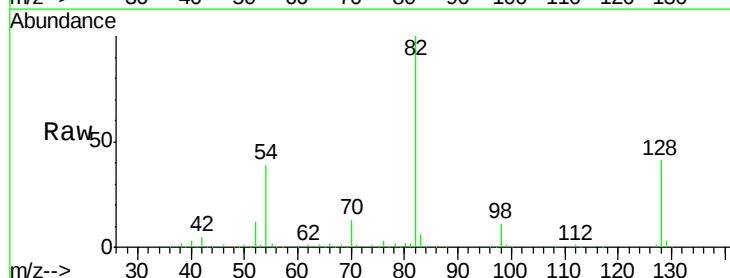
Ion Ratio Lower Upper

70 100

42 38.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

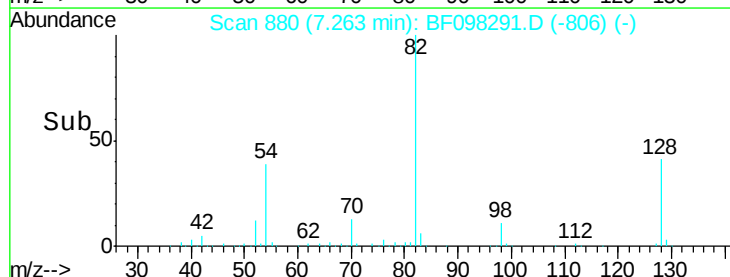
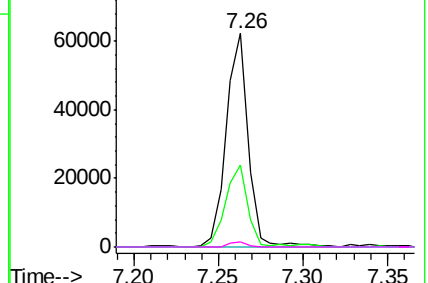


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF098291.D

Acq: 6 Sep 2017 23:54

Instrument :

BNA_F

ClientSampleId :

72-12020

Tot Ion:136 Resp: 423755

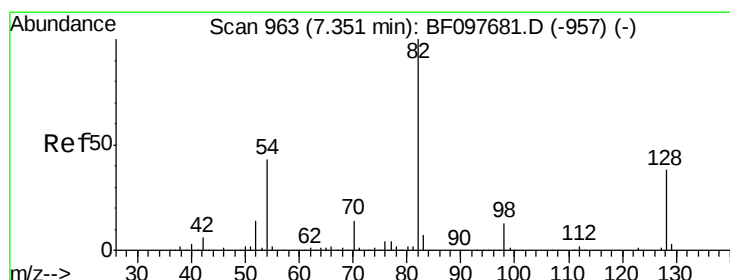
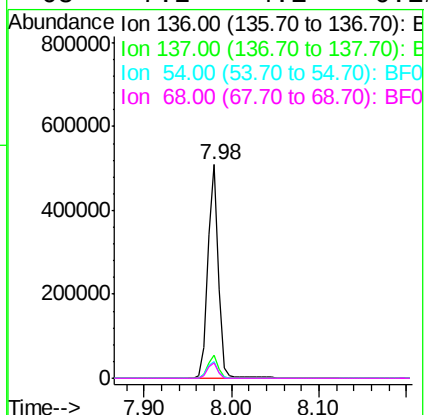
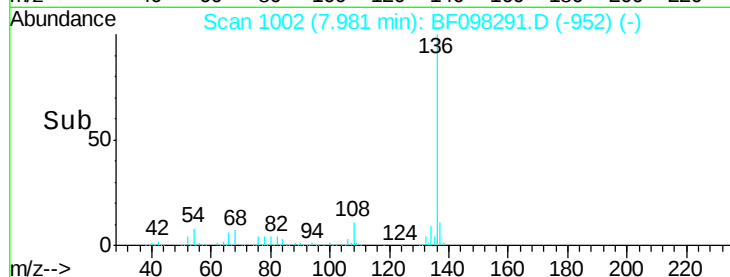
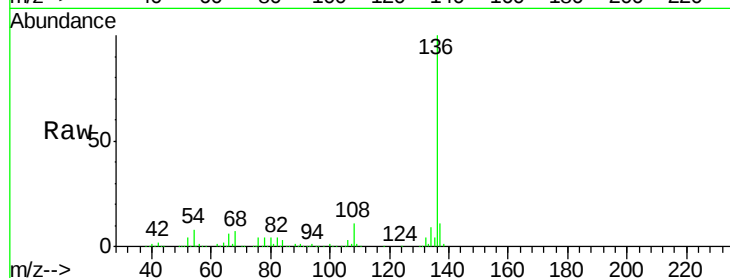
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.5 4.9 7.3#

68 7.2 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 54.65 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF098291.D

Acq: 6 Sep 2017 23:54

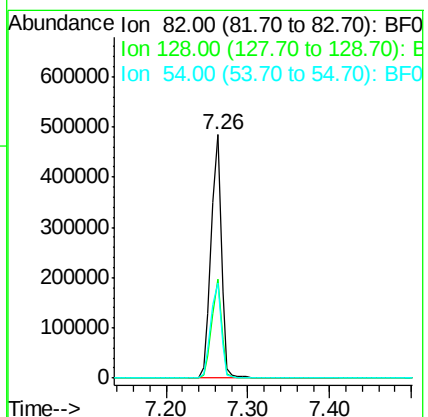
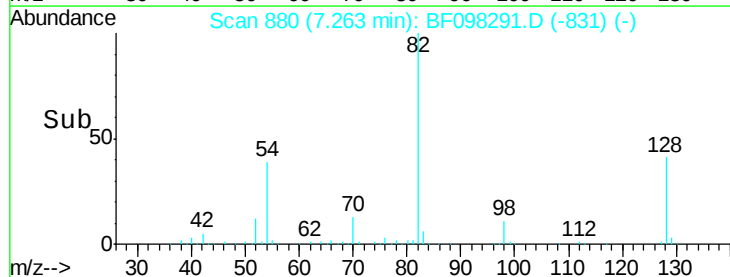
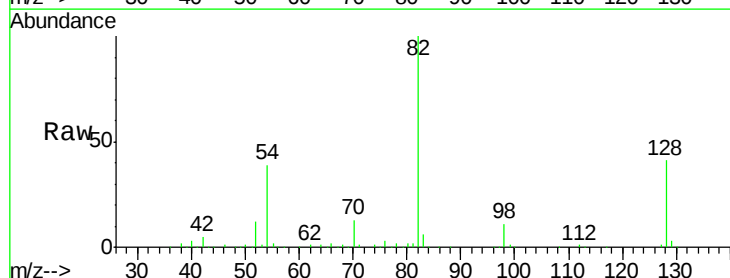
Tgt Ion: 82 Resp: 426298

Ion Ratio Lower Upper

82 100

128 40.6 34.0 51.0

54 39.2 42.2 63.2#

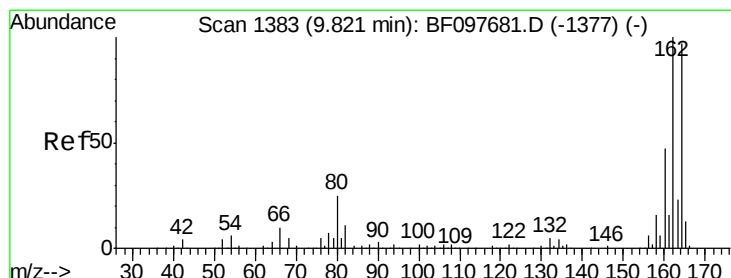
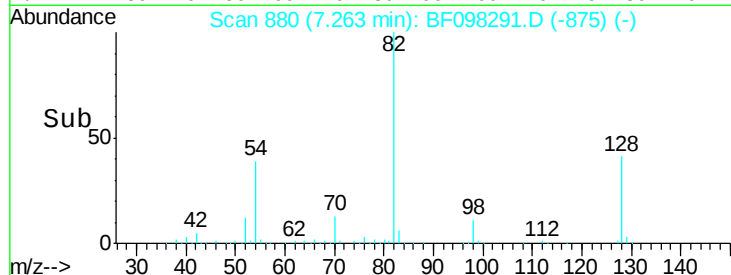
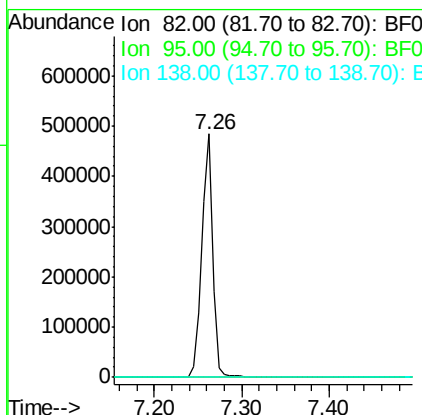
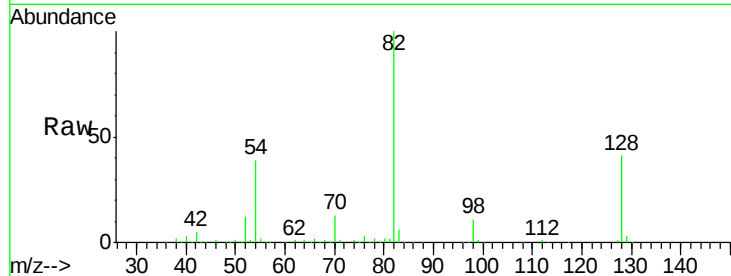




#25
Isophorone
Concen: 25.94 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF098291.D
Acq: 6 Sep 2017 23:54

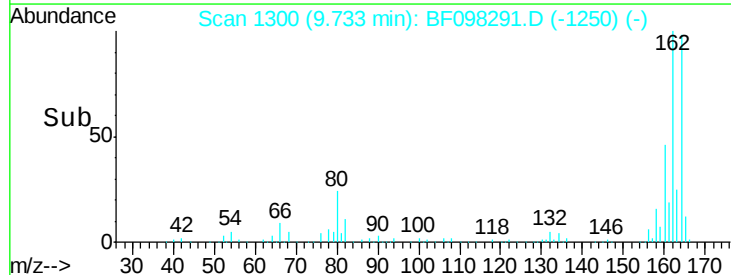
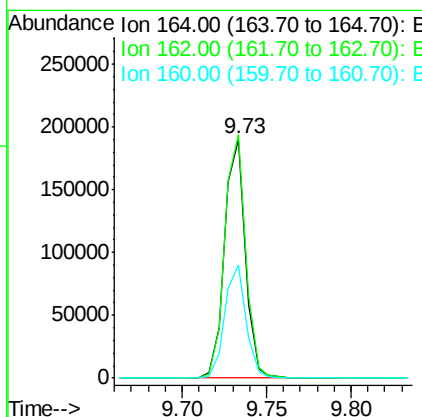
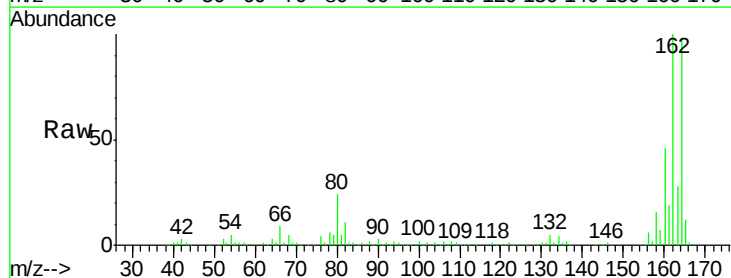
Instrument :
BNA_F
ClientSampleId :
72-12020

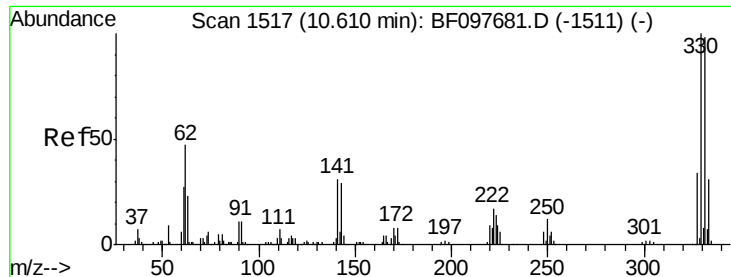
Tot Ion: 82 Resp: 420702
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098291.D
Acq: 6 Sep 2017 23:54

Tgt Ion: 164 Resp: 163013
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 47.4 36.2 54.2

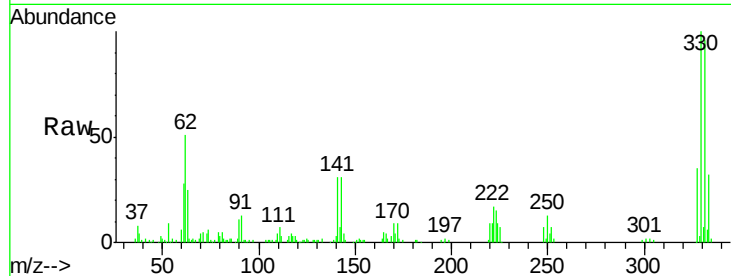




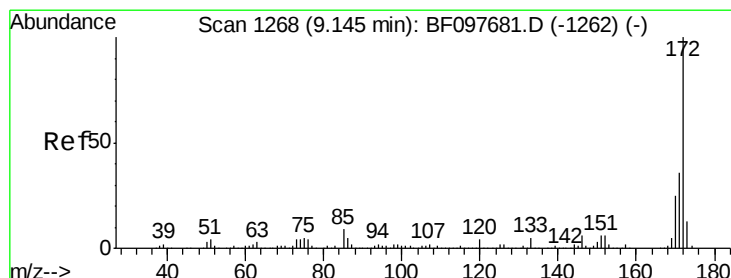
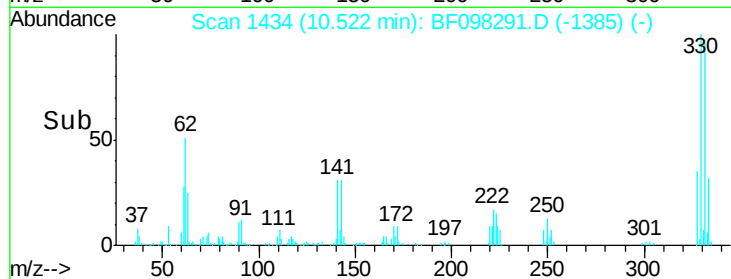
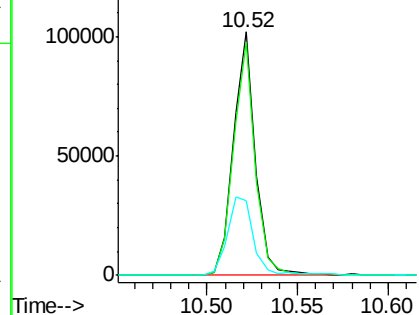
#41
 2,4,6-Tribromophenol
 Concen: 60.91 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098291.D
 Acq: 6 Sep 2017 23:54

Instrument :
 BNA_F
 ClientSampleId :
 72-12020

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	38.8	31.4	47.2

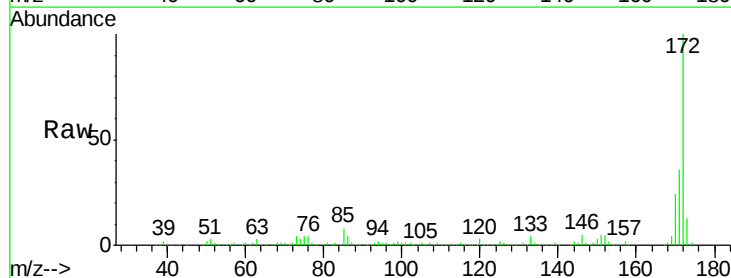


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

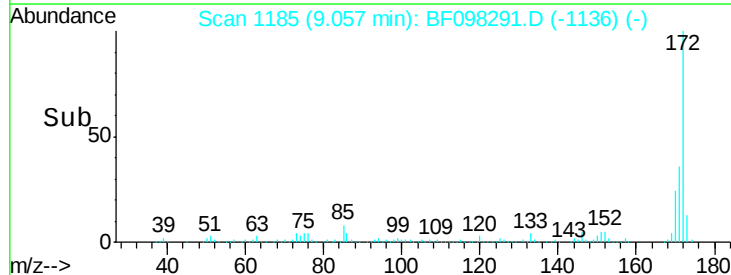
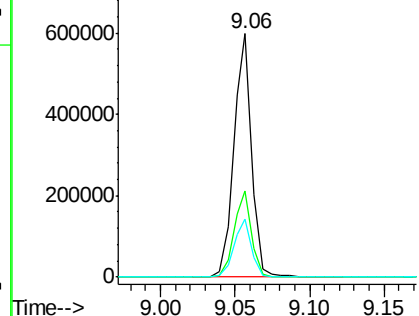


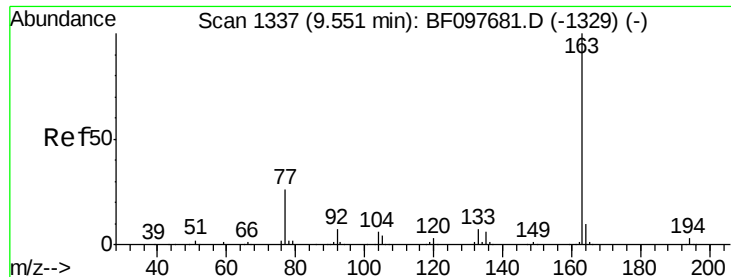
#44
 2-Fluorobiphenyl
 Concen: 45.64 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098291.D
 Acq: 6 Sep 2017 23:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	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

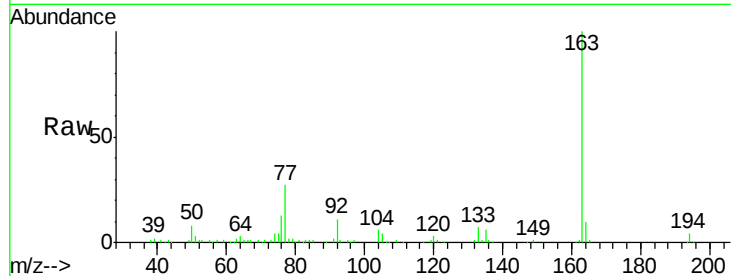




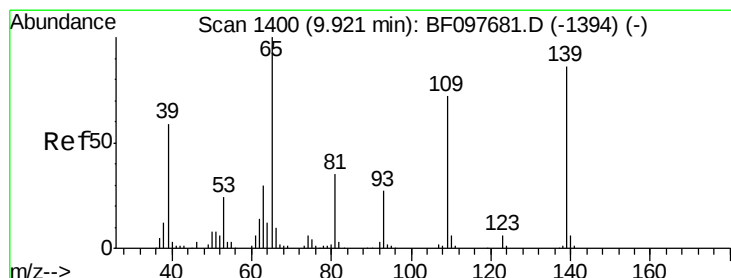
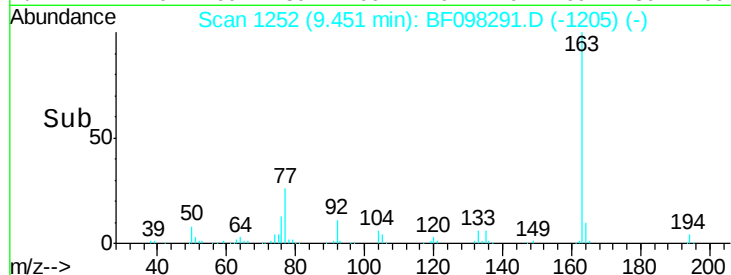
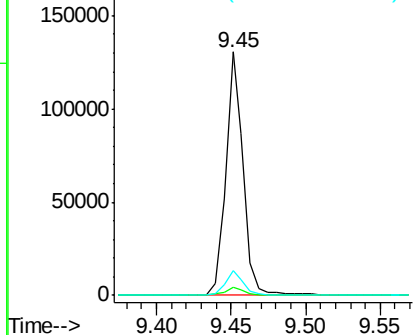
#49
Dimethylphthalate
Concen: 9.03 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF098291.D
Acq: 6 Sep 2017 23:54

Instrument :
BNA_F
ClientSampleId :
72-12020

Tot Ion:163 Resp: 107601
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.4 12.6

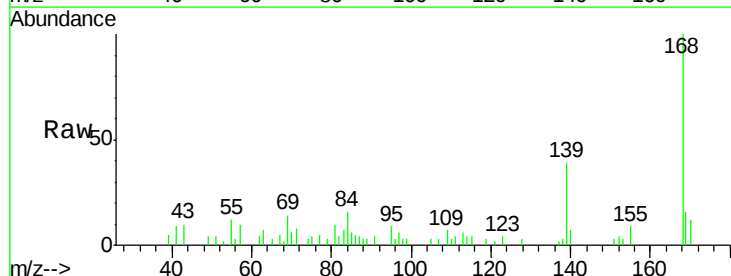


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

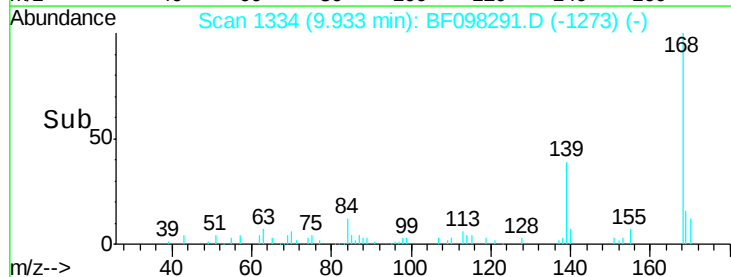
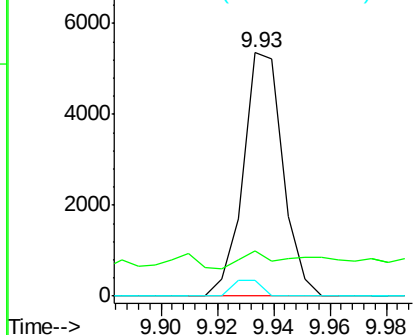


#55
4-Nitrophenol
Concen: 2.13 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.06 min
Lab File: BF098291.D
Acq: 6 Sep 2017 23:54

Tgt Ion:139 Resp: 5219
Ion Ratio Lower Upper
139 100
109 18.7 34.1 74.1#
65 6.4 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

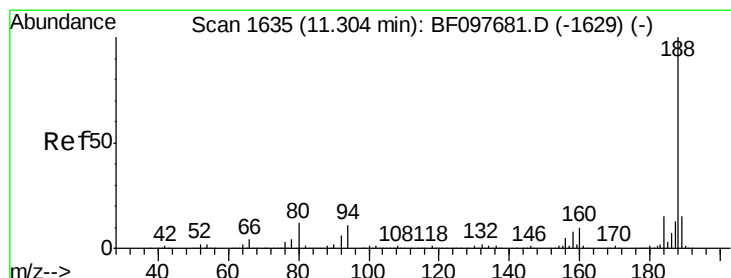
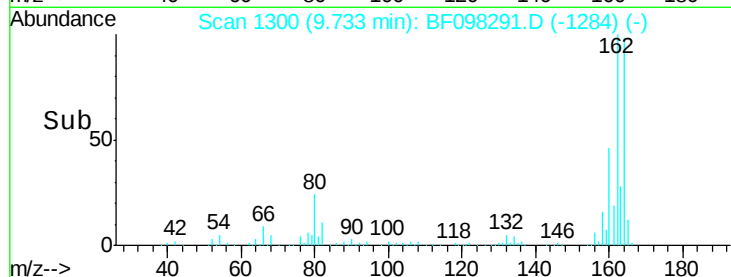
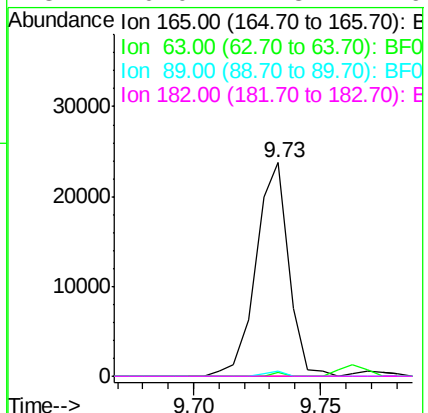
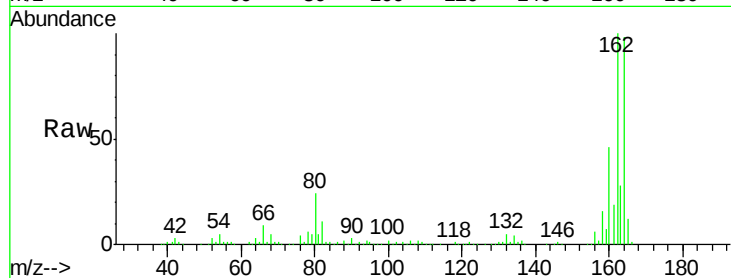




#56
 2,4-Dinitrotoluene
 Concen: 7.17 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF098291.D
 Acq: 6 Sep 2017 23:54

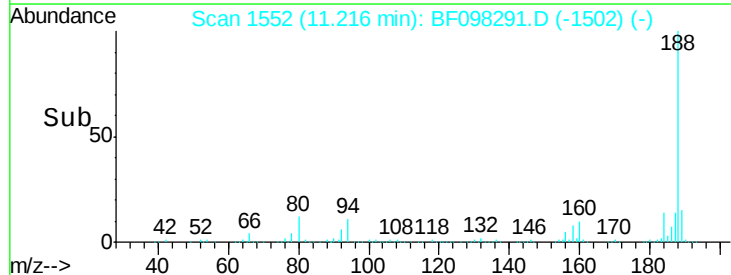
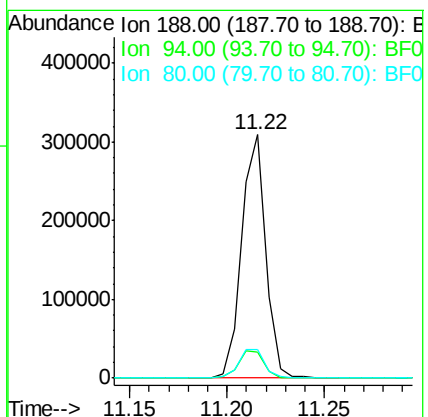
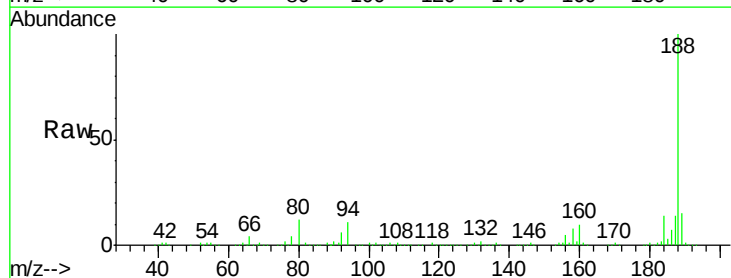
Instrument :
 BNA_F
 ClientSampleId :
 72-12020

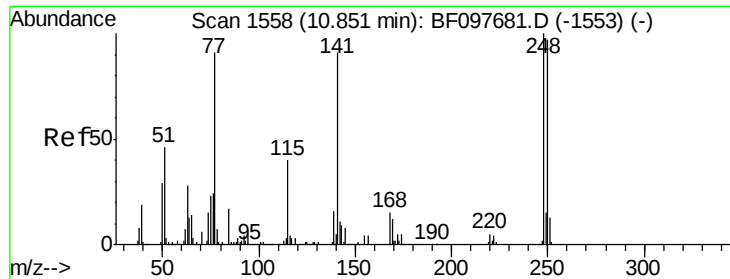
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF098291.D
 Acq: 6 Sep 2017 23:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.9	10.2	15.2

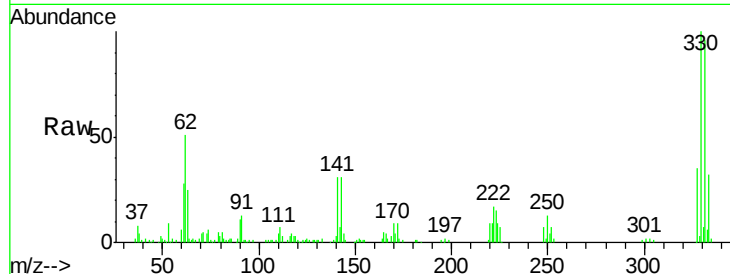




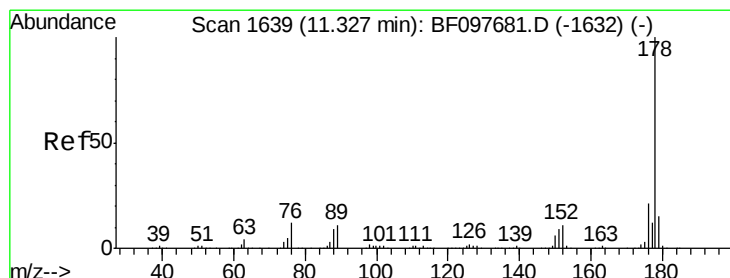
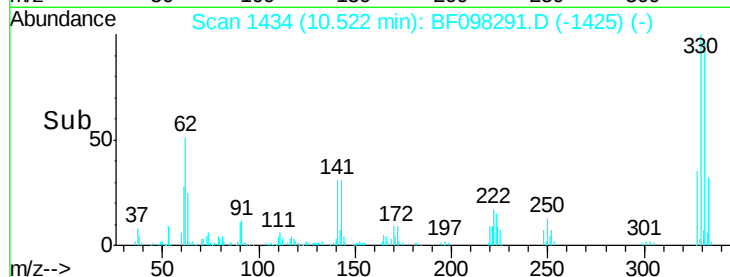
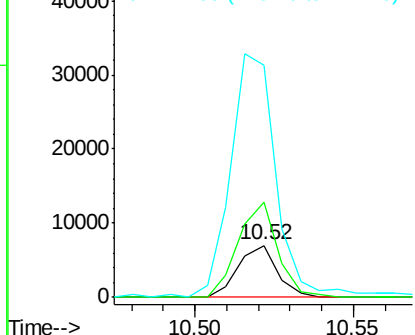
#66
4-Bromophenyl-phenylether
Concen: 2.15 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF098291.D
Acq: 6 Sep 2017 23:54

Instrument :
BNA_F
ClientSampleId :
72-12020

Tot Ion:248 Resp: 5889
Ion Ratio Lower Upper
248 100
250 182.1 76.8 115.2#
141 445.5 68.6 103.0#

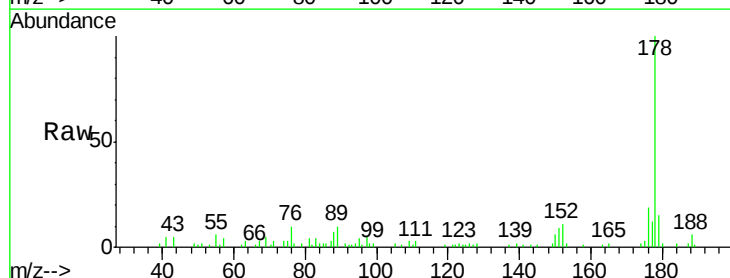


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

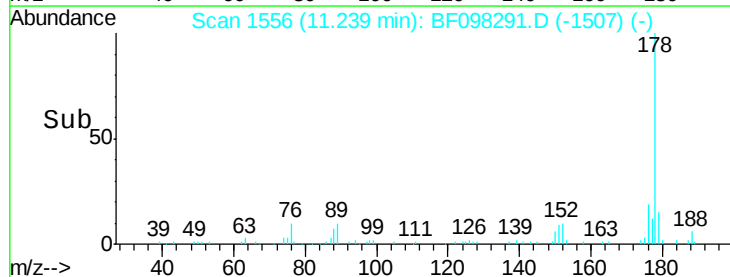
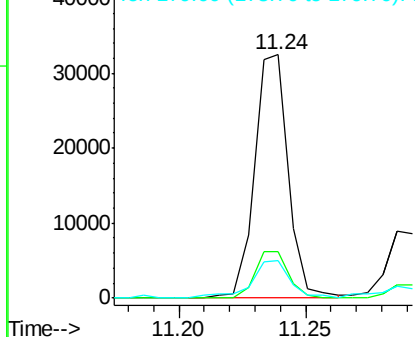


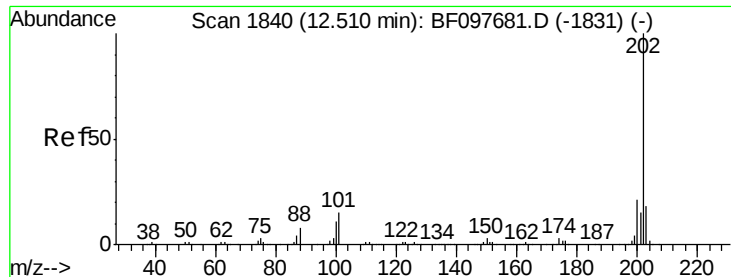
#70
Phenanthrene
Concen: 2.14 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF098291.D
Acq: 6 Sep 2017 23:54

Tgt Ion:178 Resp: 30120
Ion Ratio Lower Upper
178 100
176 18.9 16.2 24.4
179 15.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.35 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF098291.D

Acq: 6 Sep 2017 23:54

Instrument :

BNA_F

ClientSampled :

72-12020

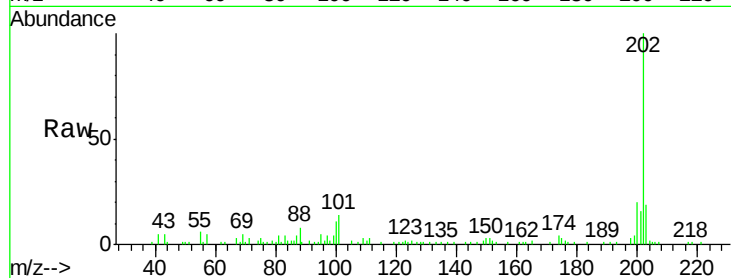
Tot Ion:202 Resp: 34545

Ion Ratio Lower Upper

202 100

101 14.3 0.0 33.2

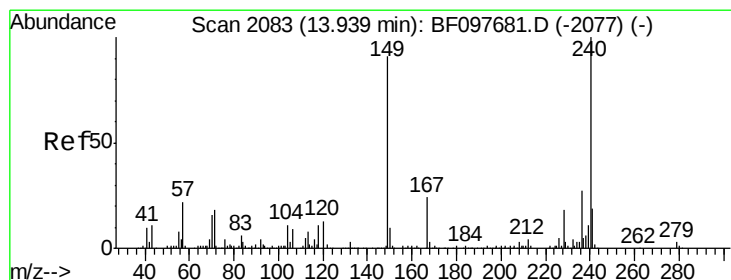
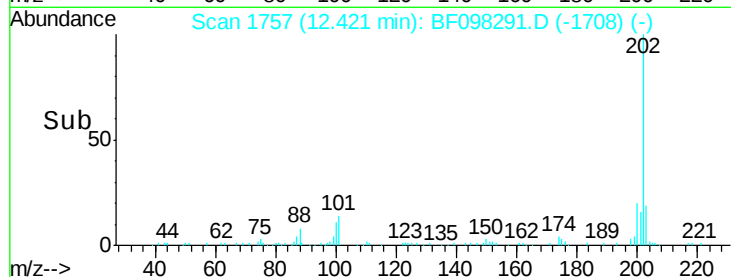
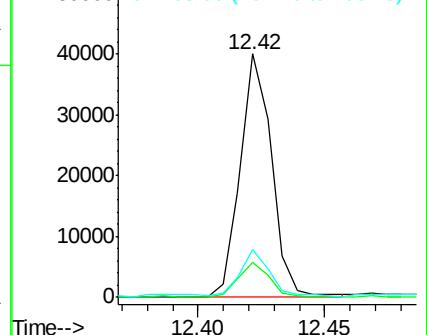
203 19.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF098291.D

Acq: 6 Sep 2017 23:54

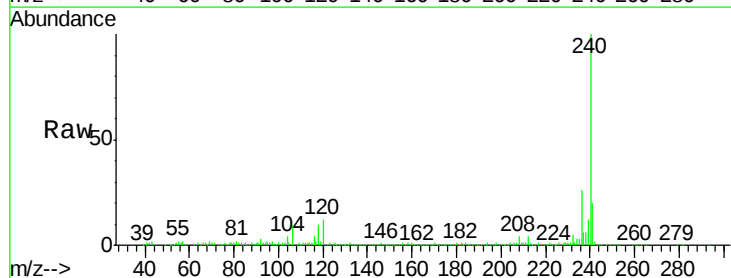
Tgt Ion:240 Resp: 245866

Ion Ratio Lower Upper

240 100

120 12.1 5.8 8.8#

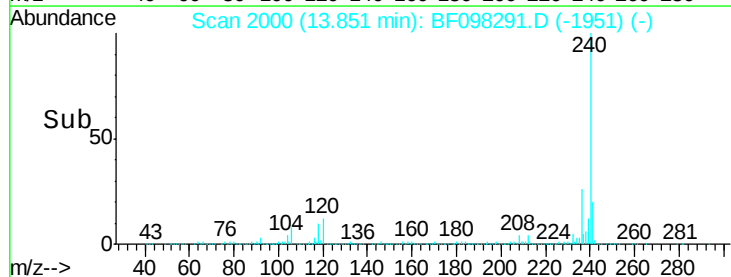
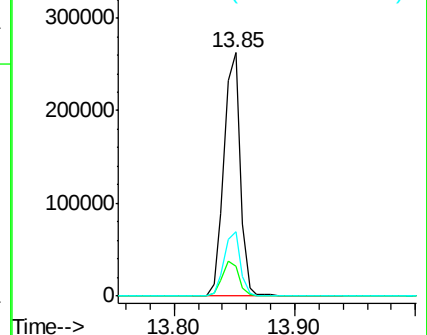
236 26.2 20.5 30.7

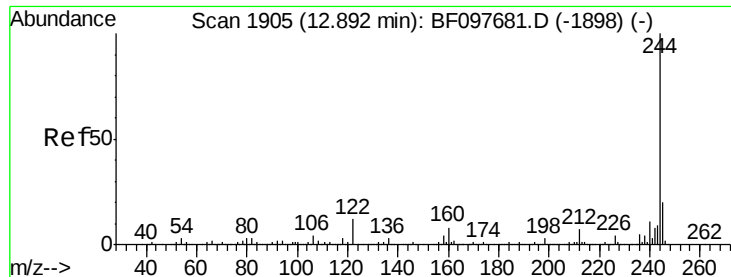


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

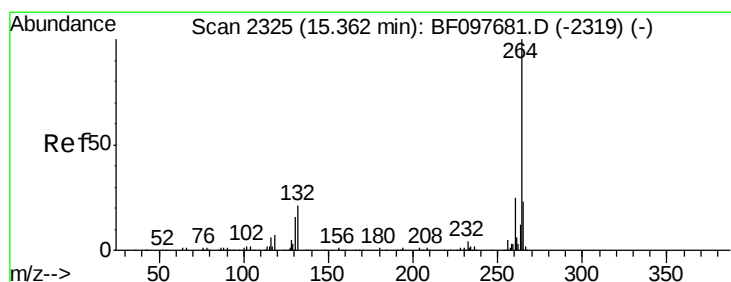
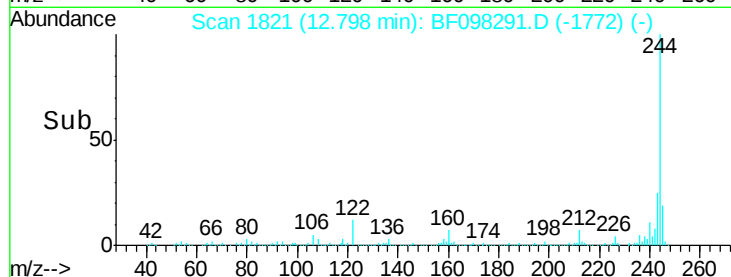
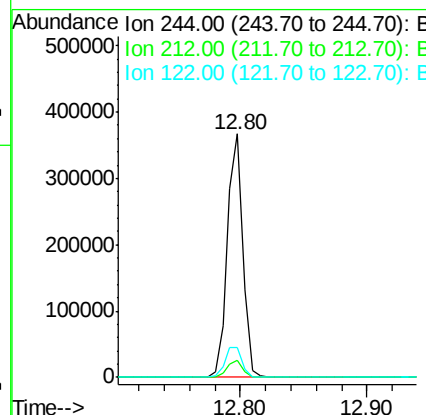
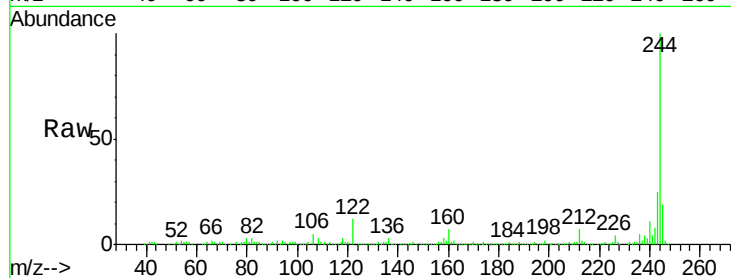




#78
 Terphenyl-d14
 Concen: 26.59 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF098291.D
 Acq: 6 Sep 2017 23:54

Instrument :
 BNA_F
 ClientSampled :
 72-12020

Tot Ion:244 Resp: 313471
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 12.2 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: BF098291.D
 Acq: 6 Sep 2017 23:54

Tgt Ion:264 Resp: 171950
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.4 17.2 25.8

