

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097972.D
 Acq On : 22 Aug 2017 23:55
 Operator : SJ/JU
 Sample : I4910-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-8-9

Quant Time: Aug 23 01:08:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

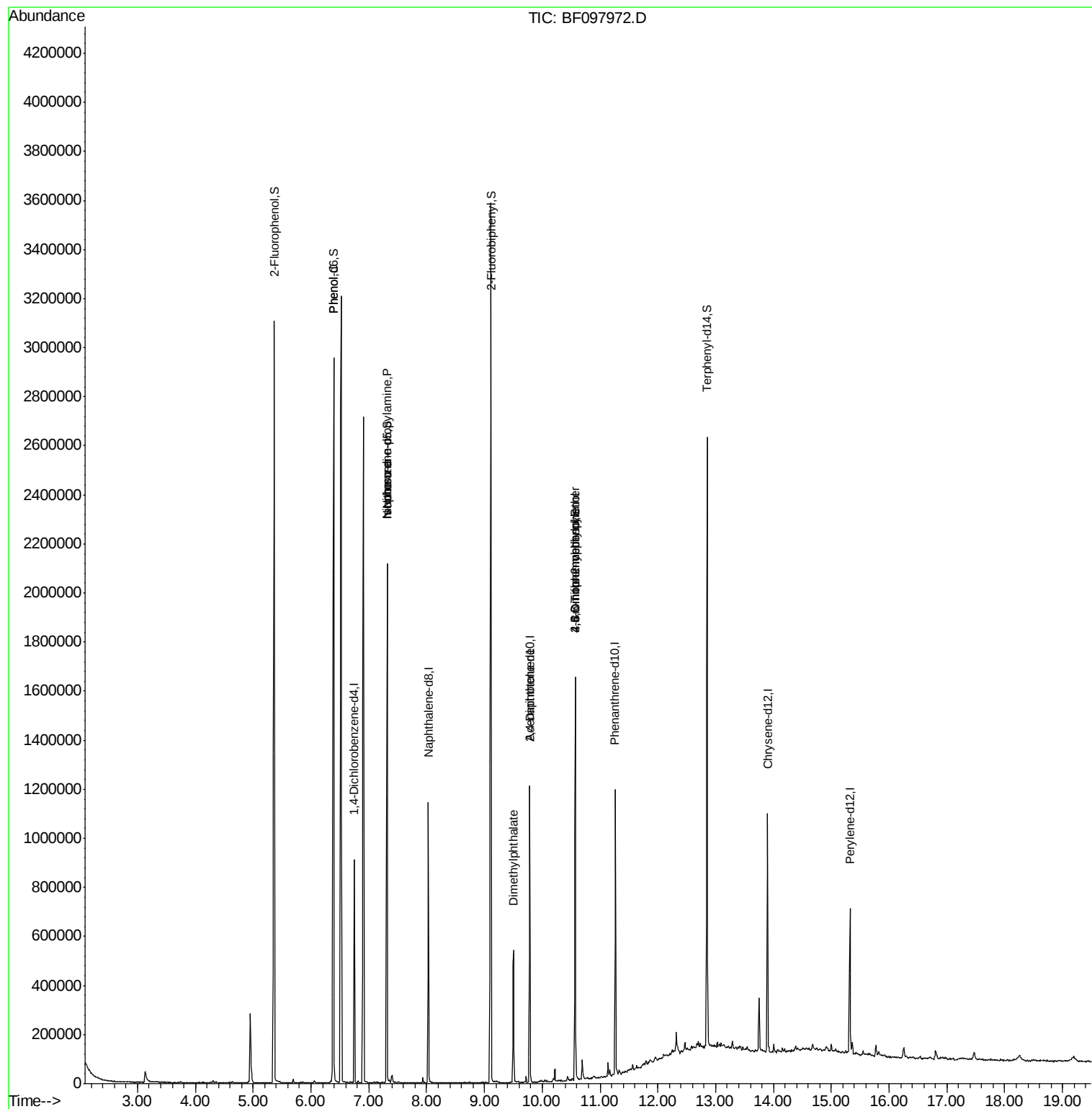
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	130388	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	524155	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	231099	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	406301	20.00	ng	0.00
75) Chrysene-d12	13.90	240	311379	20.00	ng	0.00
86) Perylene-d12	15.32	264	268800	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	954227	111.32	ng	0.01
7) Phenol-d6	6.39	99	1295195	111.20	ng	0.00
23) Nitrobenzene-d5	7.32	82	831194	86.15	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	180127	89.83	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1135929	72.22	ng	0.00
78) Terphenyl-d14	12.85	244	824021	55.19	ng	0.00
Target Compounds						
10) Phenol	6.40	94	32675	2.40	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.32	70	110586	13.87	ng	# 70
25) Isophorone	7.32	82	811792	40.46	ng	# 67
49) Dimethylphthalate	9.50	163	199404	11.80	ng	98
56) 2,4-Dinitrotoluene	9.78	165	29932	7.07	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.57	198	320	8.46	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	11917	2.82	ng	# 1

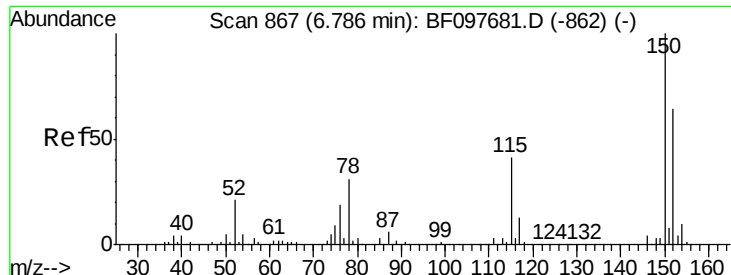
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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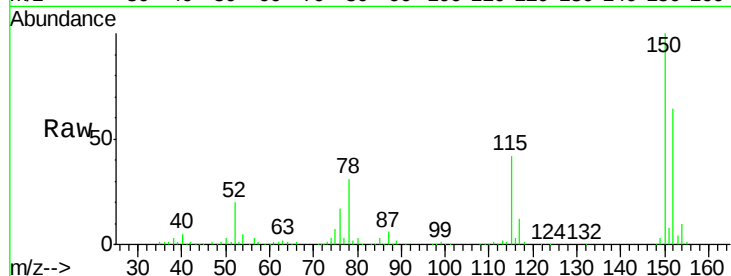


#1

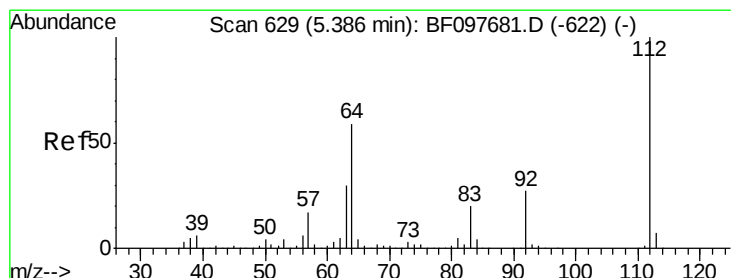
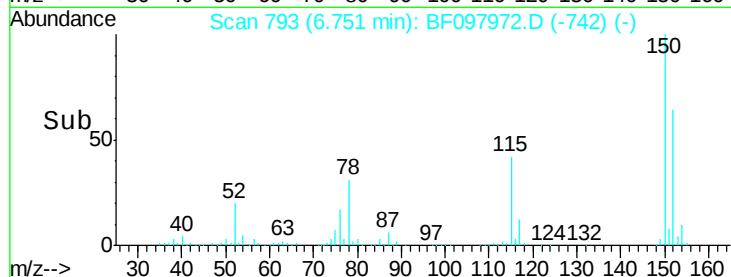
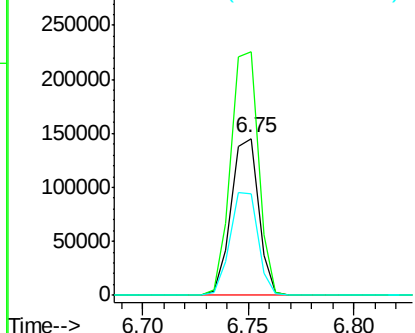
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097972.D
Acq: 22 Aug 2017 23:55

Instrument :
BNA_F
ClientSampleId :
SP-8-9

Tot Ion:152 Resp: 130388
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 64.8 52.2 78.2



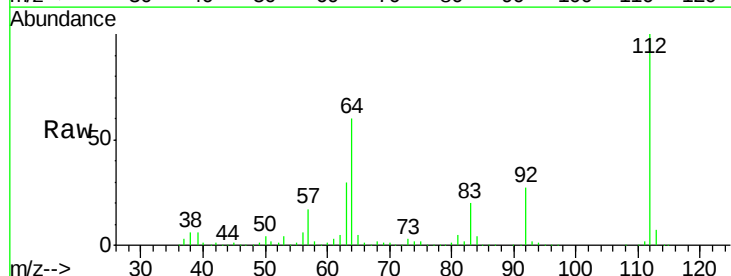
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



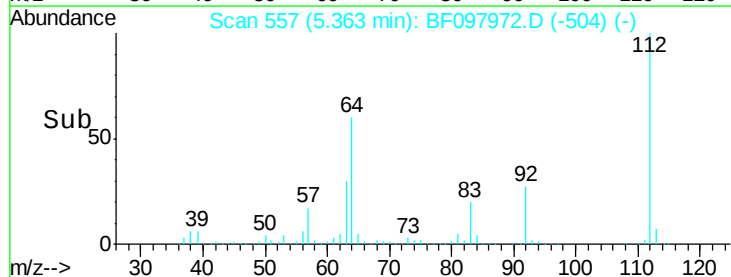
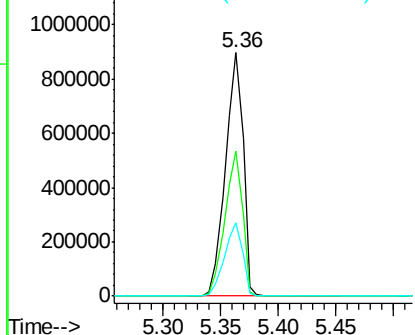
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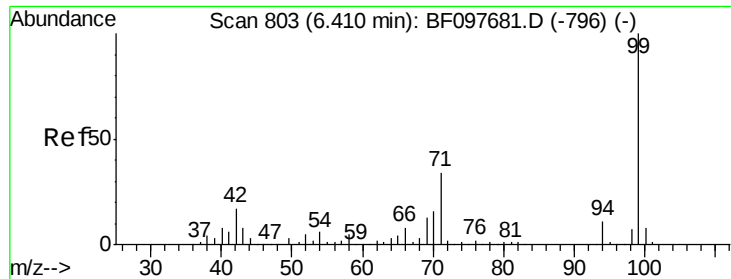
2-Fluorophenol
Concen: 111.32 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097972.D
Acq: 22 Aug 2017 23:55

Tgt Ion:112 Resp: 954227
Ion Ratio Lower Upper
112 100
64 59.6 46.0 69.0
63 30.2 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: 111.20 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097972.D

Acq: 22 Aug 2017 23:55

Instrument :

BNA_F

ClientSampled :

SP-8-9

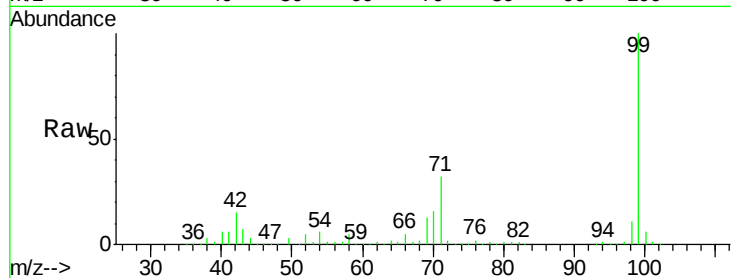
Tot Ion: 99 Resp: 1295195

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.5	20.3
71	32.2	24.5	36.7

99 100

42 15.1 13.5 20.3

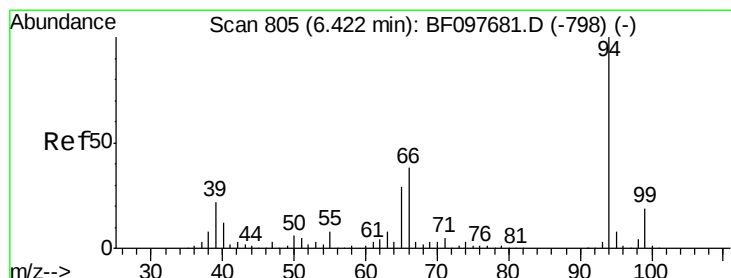
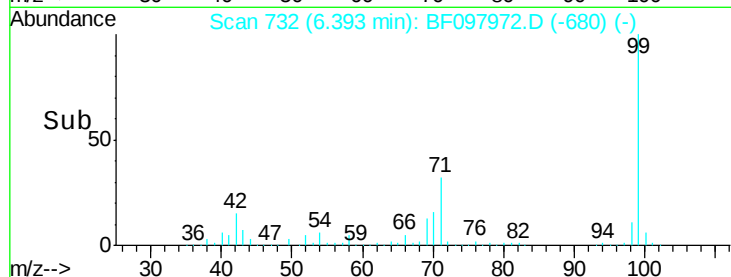
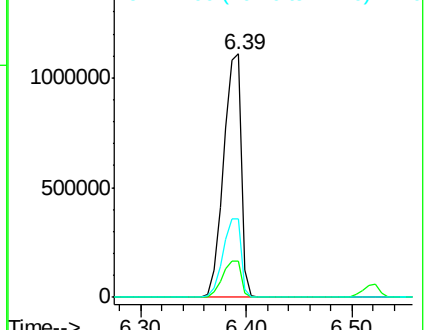
71 32.2 24.5 36.7



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



#10

Phenol

Concen: 2.40 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF097972.D

Acq: 22 Aug 2017 23:55

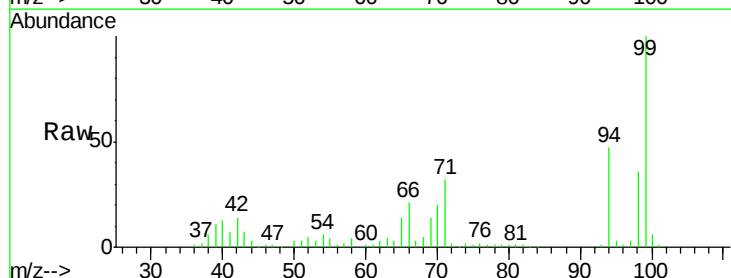
Tgt Ion: 94 Resp: 32675

Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.9	49.9
66	45.9	23.1	63.1

94 100

65 30.1 9.9 49.9

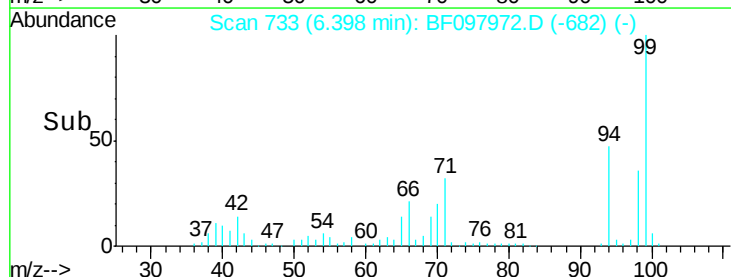
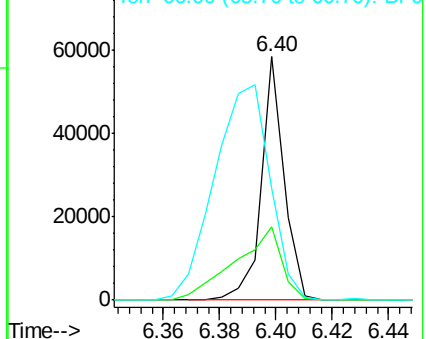
66 45.9 23.1 63.1

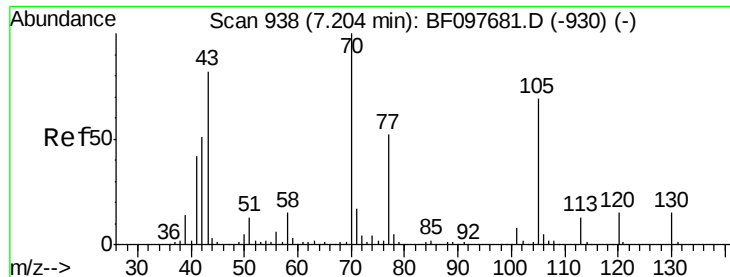


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

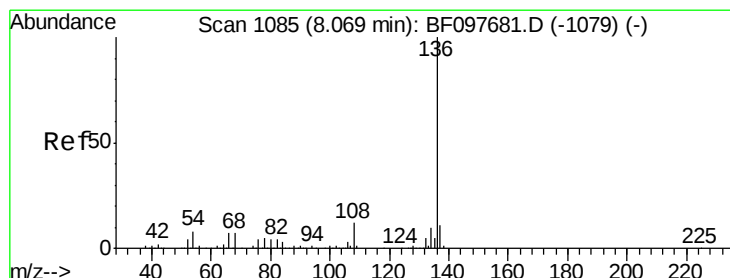
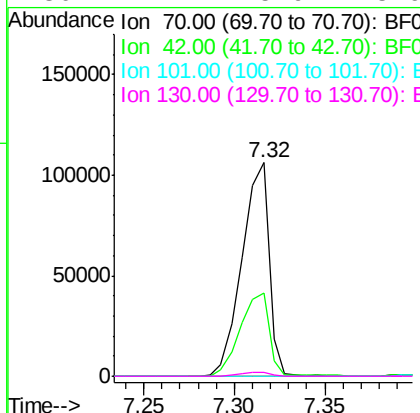
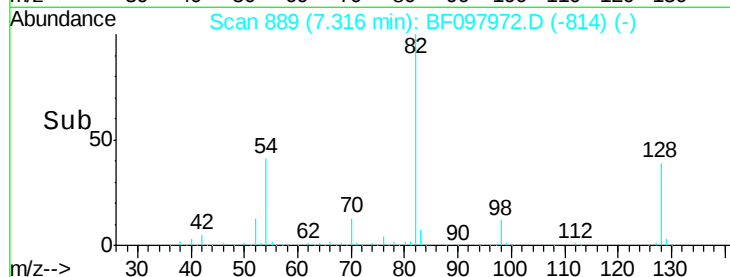
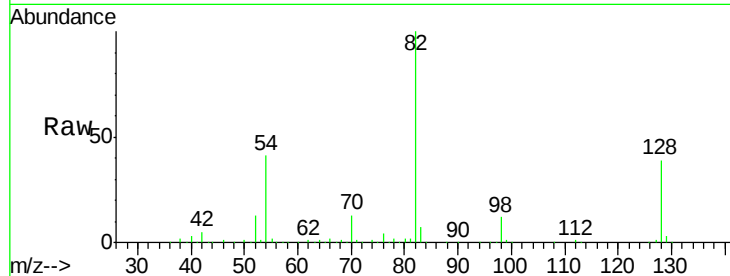




#19
n-Nitroso-di-n-propylamine
Concen: 13.87 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF097972.D
Acq: 22 Aug 2017 23:55

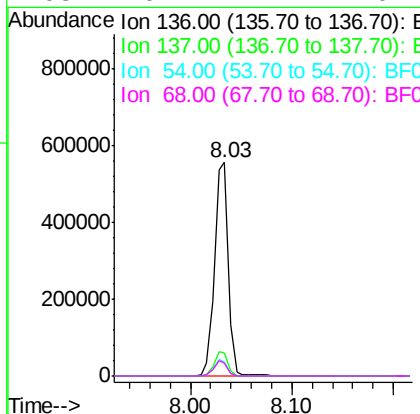
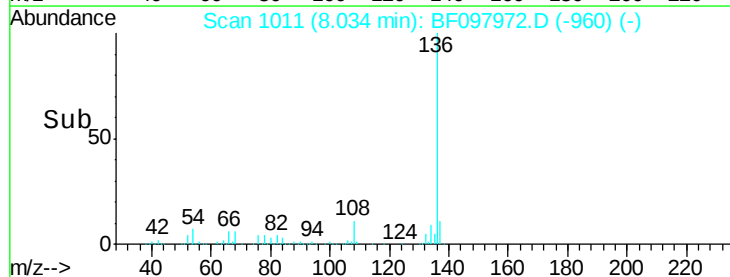
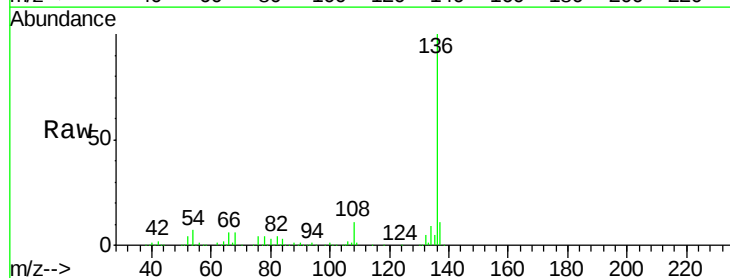
Instrument :
BNA_F
ClientSampleId :
SP-8-9

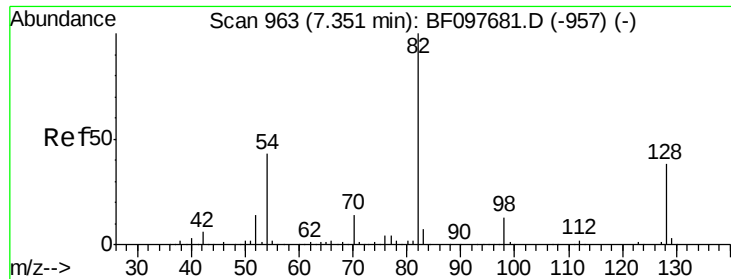
Tot Ion: 70 Resp: 110586
Ion Ratio Lower Upper
70 100
42 38.8 47.2 70.8#
101 0.0 7.2 10.8#
130 1.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097972.D
Acq: 22 Aug 2017 23:55

Tgt Ion: 136 Resp: 524155
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 6.9 4.9 7.3
68 6.2 4.1 6.1#

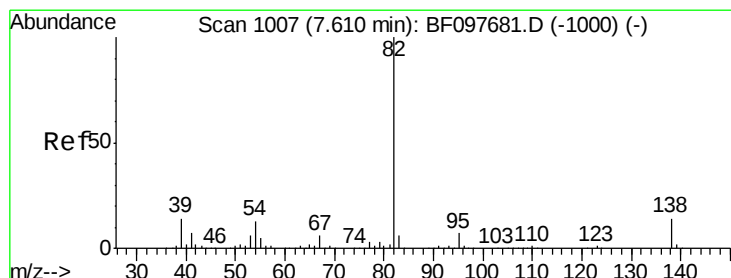
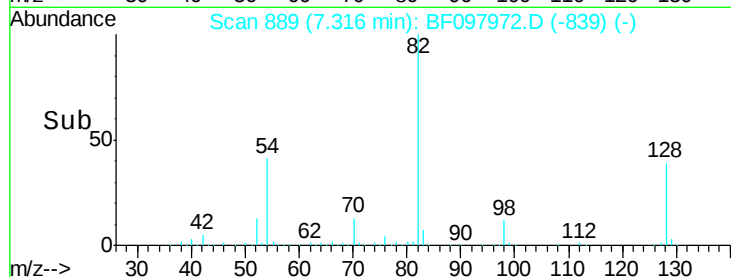
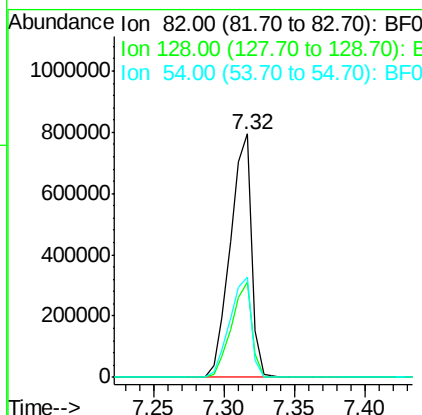
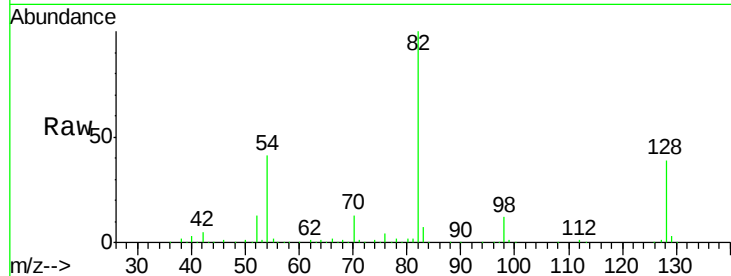




#23
 Nitrobenzene-d5
 Concen: 86.15 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097972.D
 Acq: 22 Aug 2017 23:55

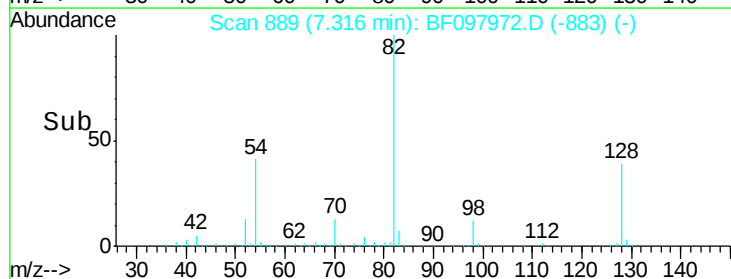
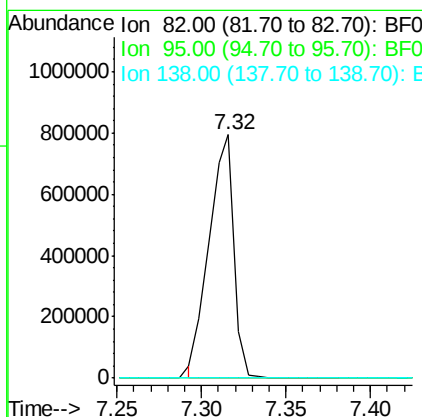
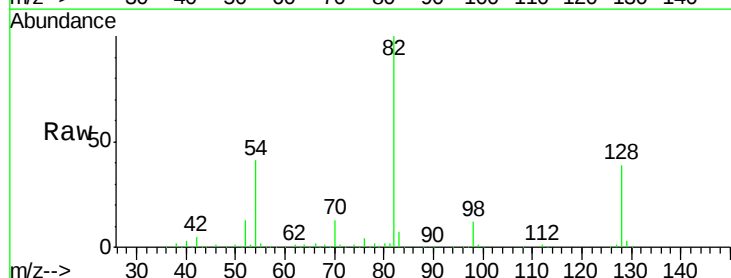
Instrument :
 BNA_F
 ClientSampled :
 SP-8-9

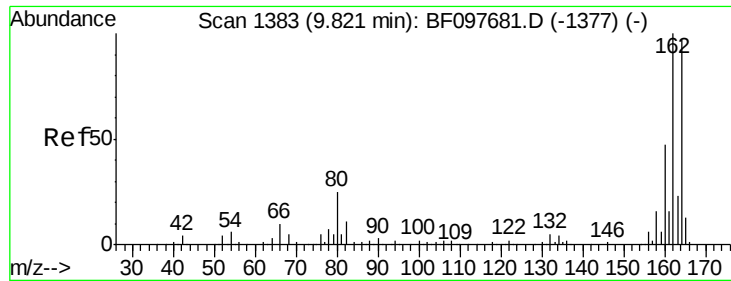
Tot Ion	82	Resp	831194
Ion Ratio	100	Lower	Upper
128	39.2	34.0	51.0
54	41.1	42.2	63.2#



#25
 Isophorone
 Concen: 40.46 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.26 min
 Lab File: BF097972.D
 Acq: 22 Aug 2017 23:55

Tgt Ion	82	Resp	811792
Ion Ratio	100	Lower	Upper
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

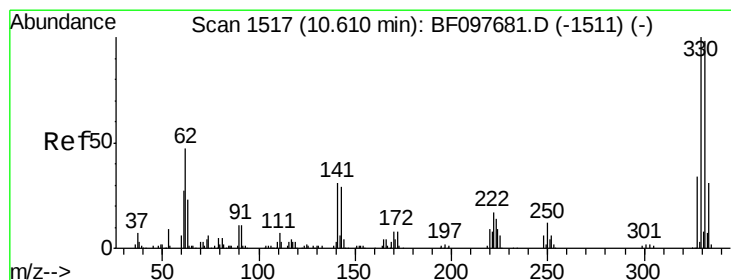
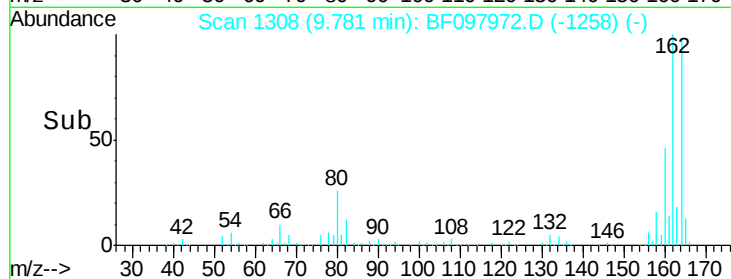
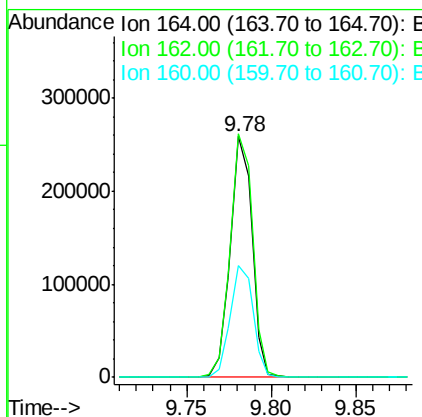
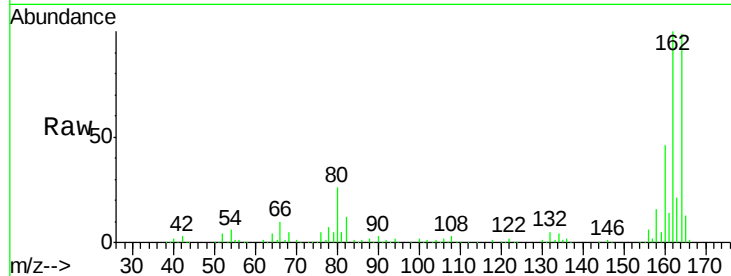




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097972.D
 Acq: 22 Aug 2017 23:55

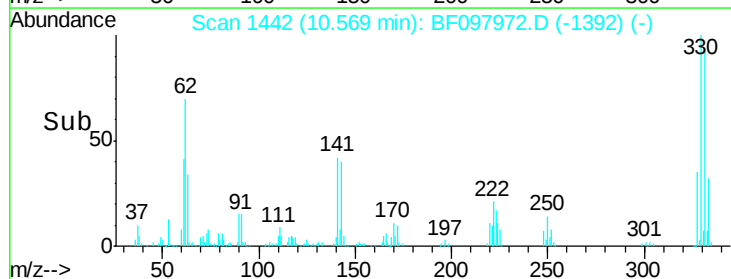
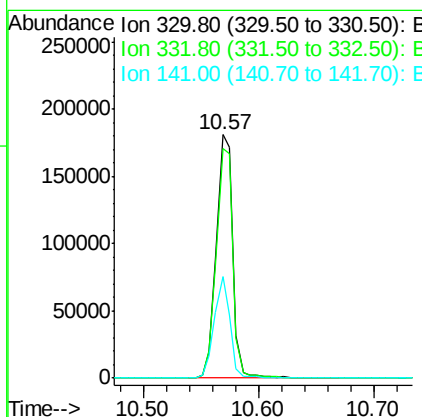
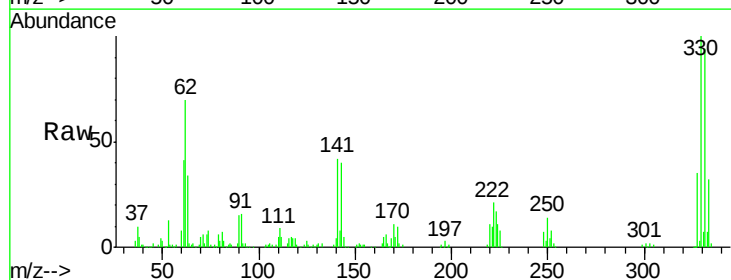
Instrument :
 BNA_F
 ClientSampleId :
 SP-8-9

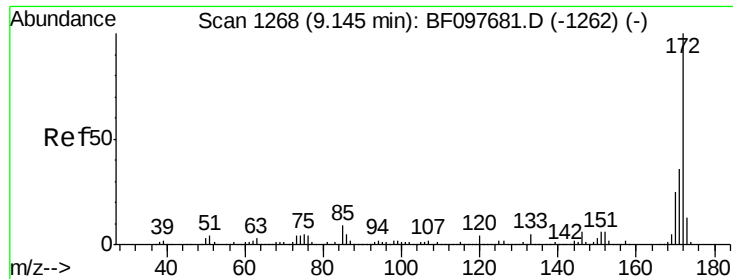
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	46.4	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 89.83 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097972.D
 Acq: 22 Aug 2017 23:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	39.7	31.4	47.2

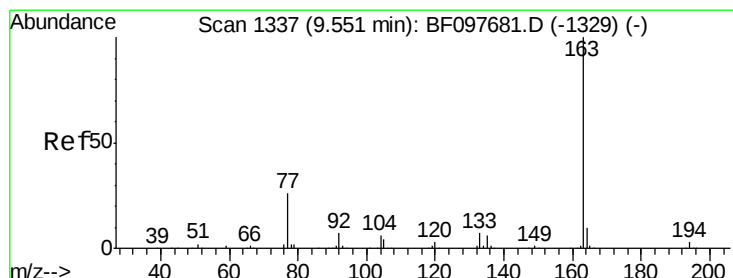
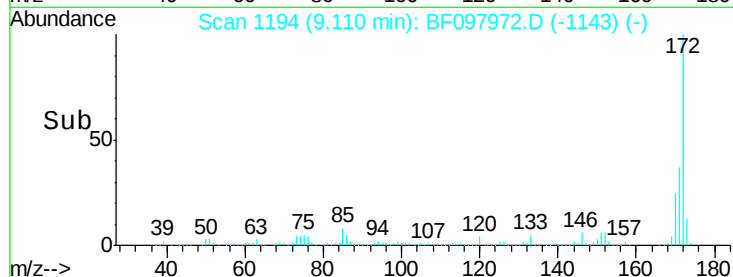
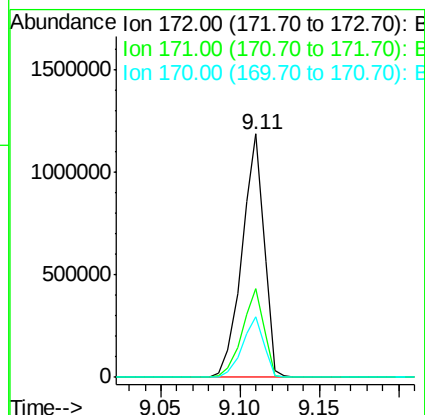
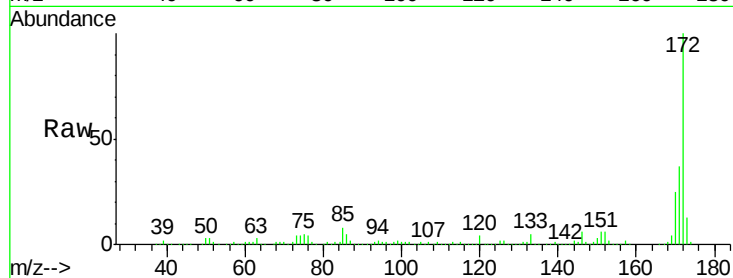




#44
2-Fluorobiphenyl
Concen: 72.22 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF097972.D
Acq: 22 Aug 2017 23:55

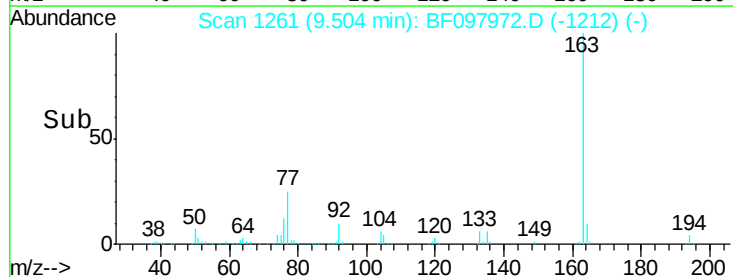
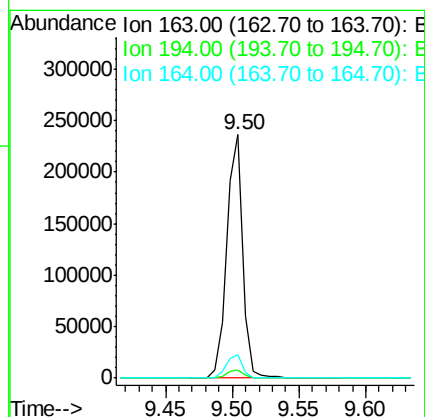
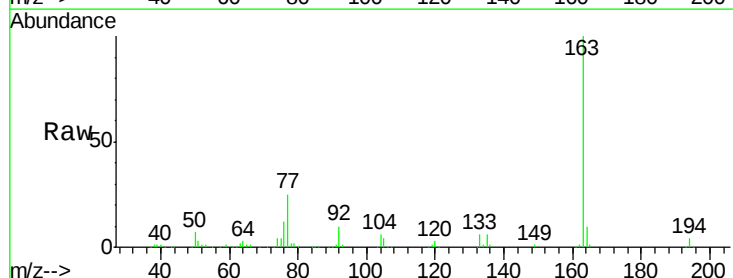
Instrument :
BNA_F
ClientSampleId :
SP-8-9

Tot Ion:172 Resp: 1135929
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.8 19.8 29.8



#49
Dimethylphthalate
Concen: 11.80 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097972.D
Acq: 22 Aug 2017 23:55

Tgt Ion:163 Resp: 199404
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 8.4 12.6

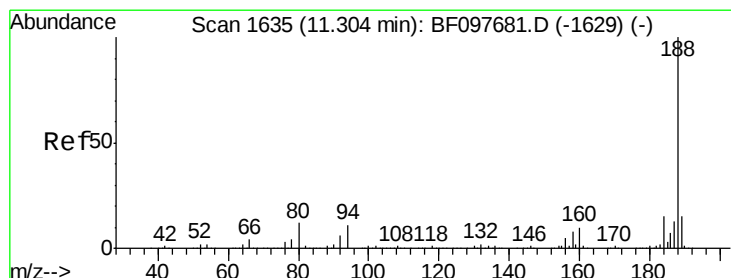
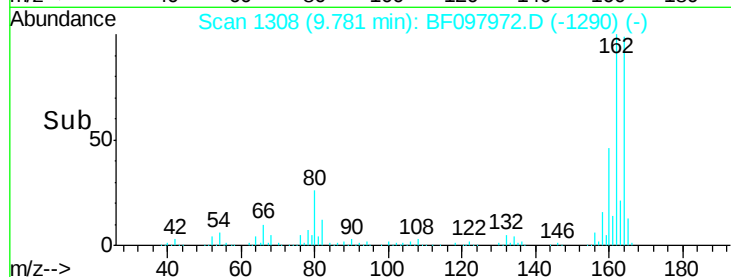
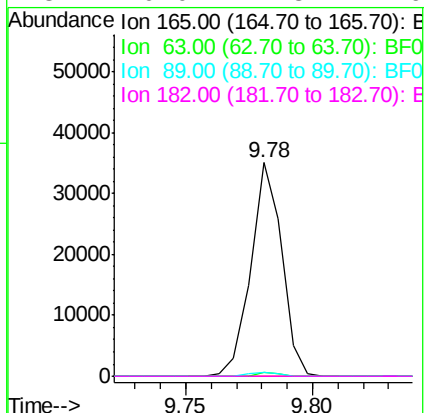
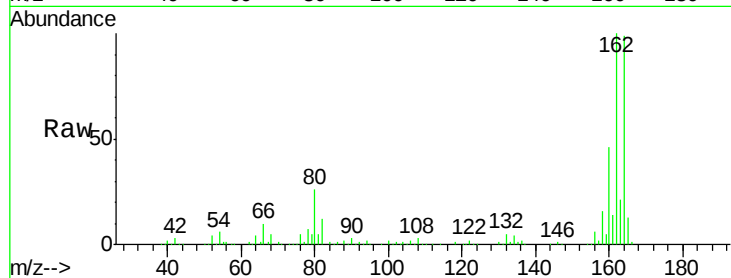




#56
 2,4-Dinitrotoluene
 Concen: 7.07 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.19 min
 Lab File: BF097972.D
 Acq: 22 Aug 2017 23:55

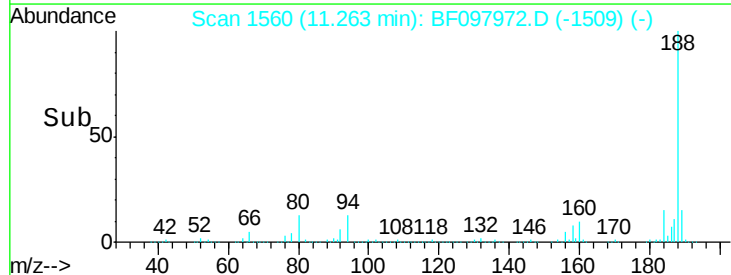
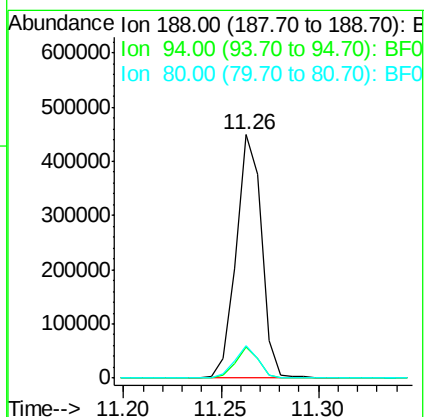
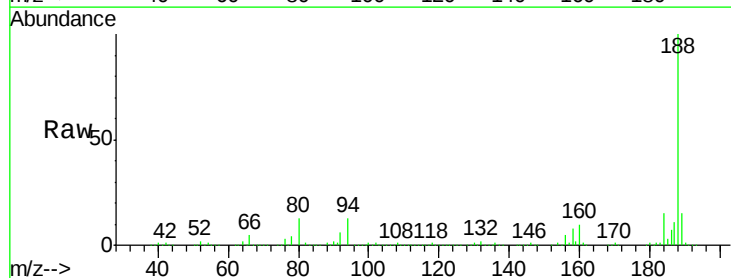
Instrument :
 BNA_F
 ClientSampleId :
 SP-8-9

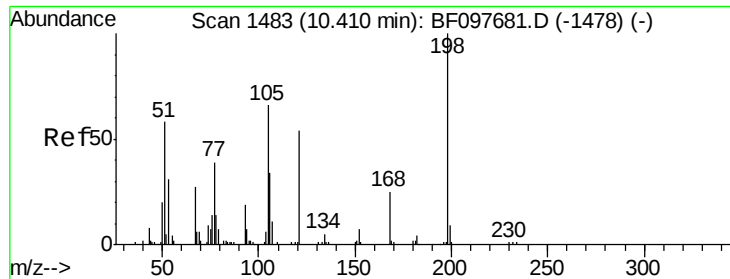
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF097972.D
 Acq: 22 Aug 2017 23:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	13.2	10.2	15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.46 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.19 min

Lab File: BF097972.D

Acq: 22 Aug 2017 23:55

Instrument :

BNA_F

ClientSampleId :

SP-8-9

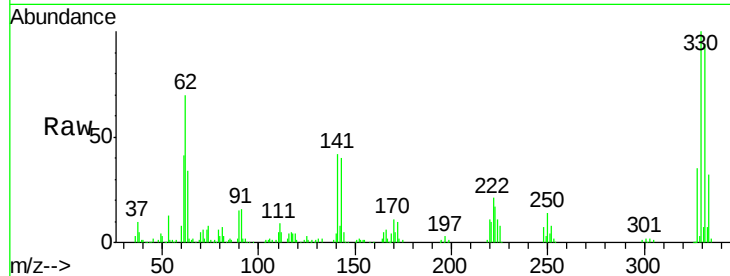
Tot Ion:198 Resp: 320

Ion Ratio Lower Upper

198 100

51 164.8 53.2 93.2#

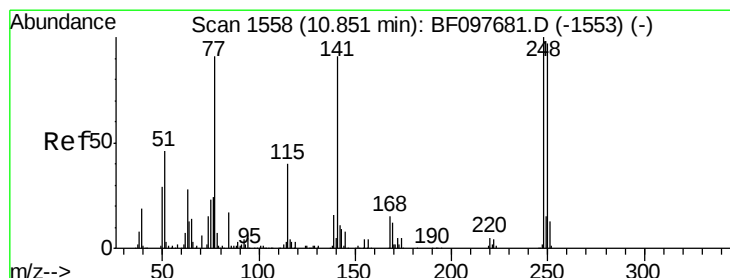
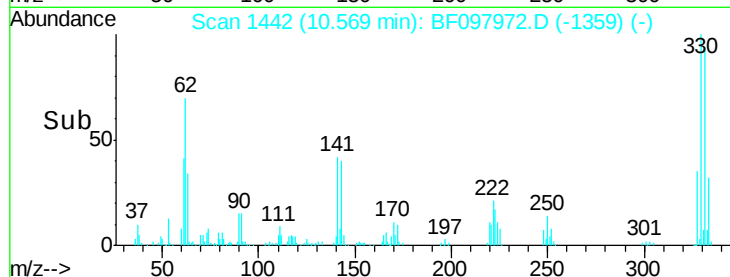
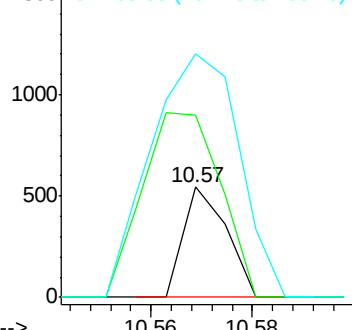
105 220.6 45.8 85.8#



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: 2.82 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.25 min

Lab File: BF097972.D

Acq: 22 Aug 2017 23:55

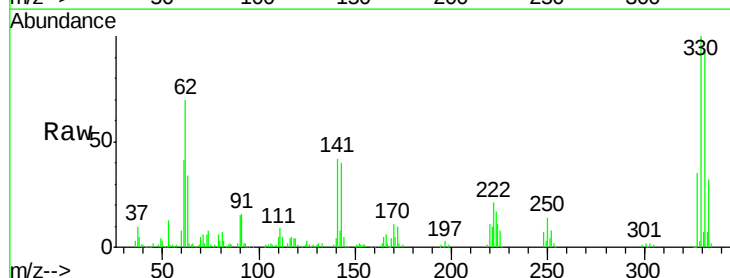
Tgt Ion:248 Resp: 11917

Ion Ratio Lower Upper

248 100

250 195.6 76.8 115.2#

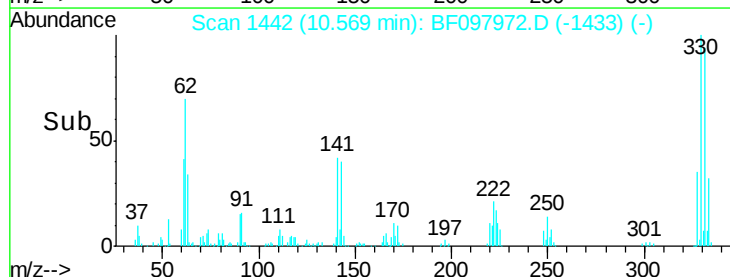
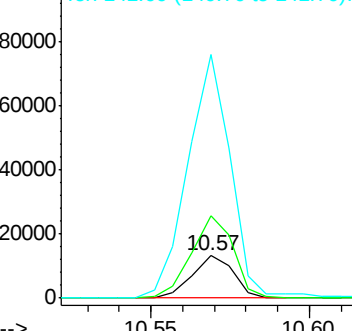
141 574.3 68.6 103.0#

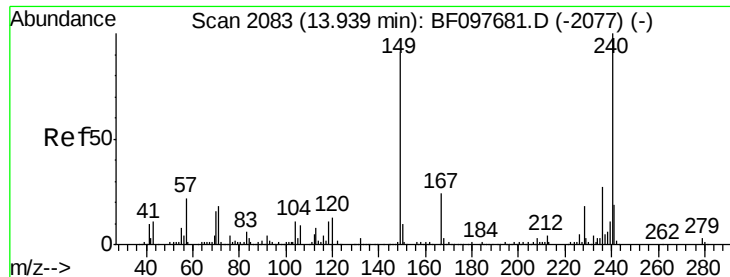


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF097972.D

Acq: 22 Aug 2017 23:55

Instrument :

BNA_F

ClientSampleId :

SP-8-9

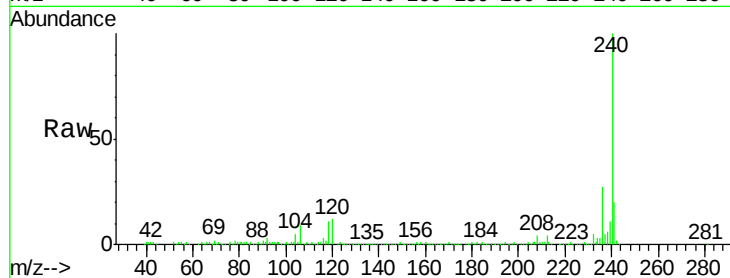
Tot Ion:240 Resp: 311379

Ion Ratio Lower Upper

240 100

120 12.2 5.8 8.8#

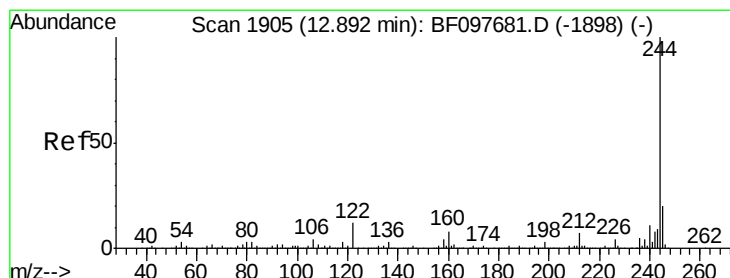
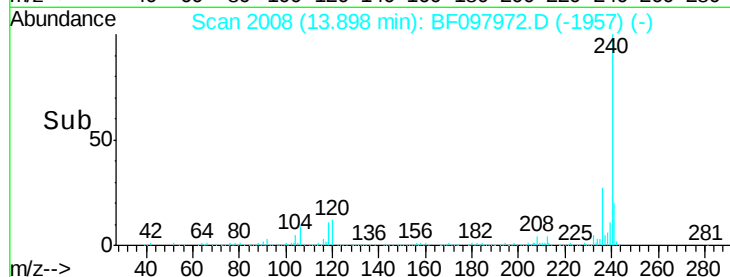
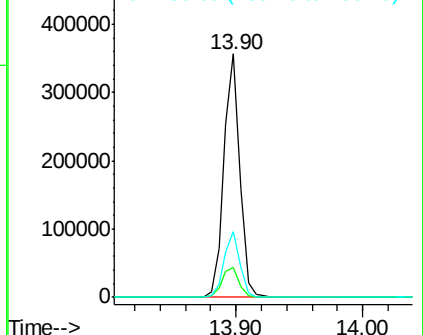
236 26.8 20.5 30.7



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: 55.19 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097972.D

Acq: 22 Aug 2017 23:55

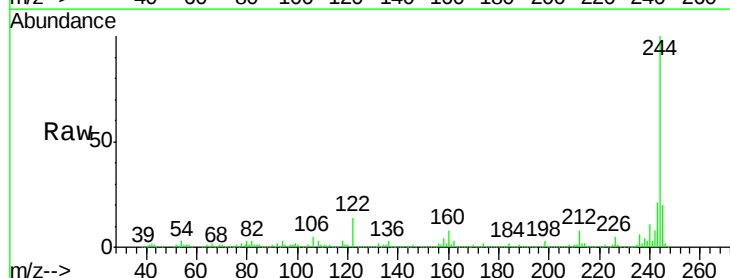
Tgt Ion:244 Resp: 824021

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

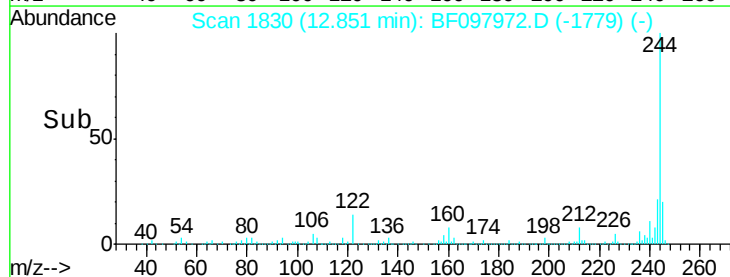
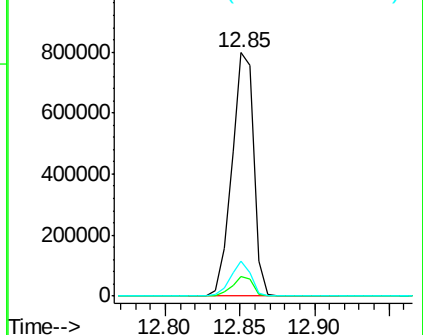
122 14.4 10.3 15.5

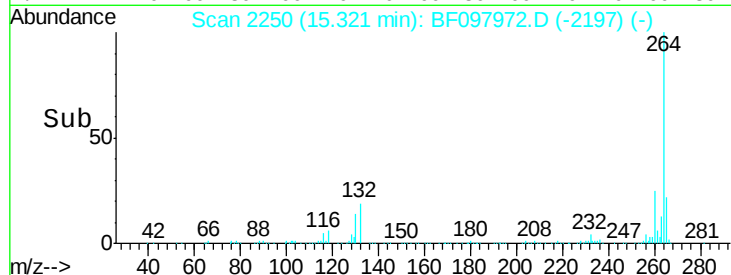
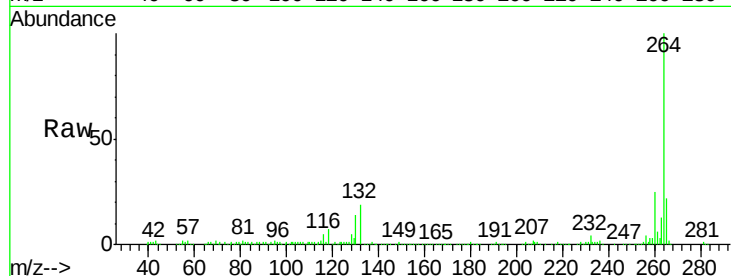
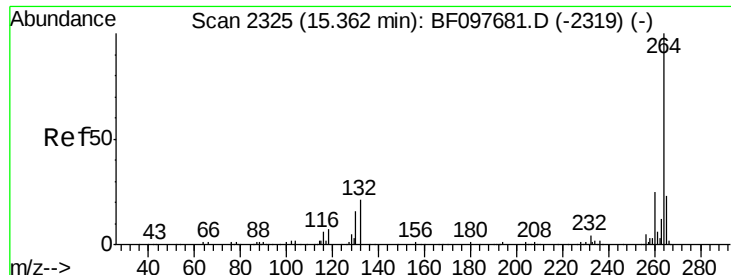


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.32 min Scan# 2250
 Delta R.T. 0.01 min
 Lab File: BF097972.D
 Acq: 22 Aug 2017 23:55

Instrument :
 BNA_F
 ClientSampleId :
 SP-8-9

Tot Ion:264	Resp:	268800
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.5 29.3
265	21.7	17.2 25.8

