

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097956.D
 Acq On : 22 Aug 2017 15:27
 Operator : SJ/JU
 Sample : I4900-21
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 22 16:01:41 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

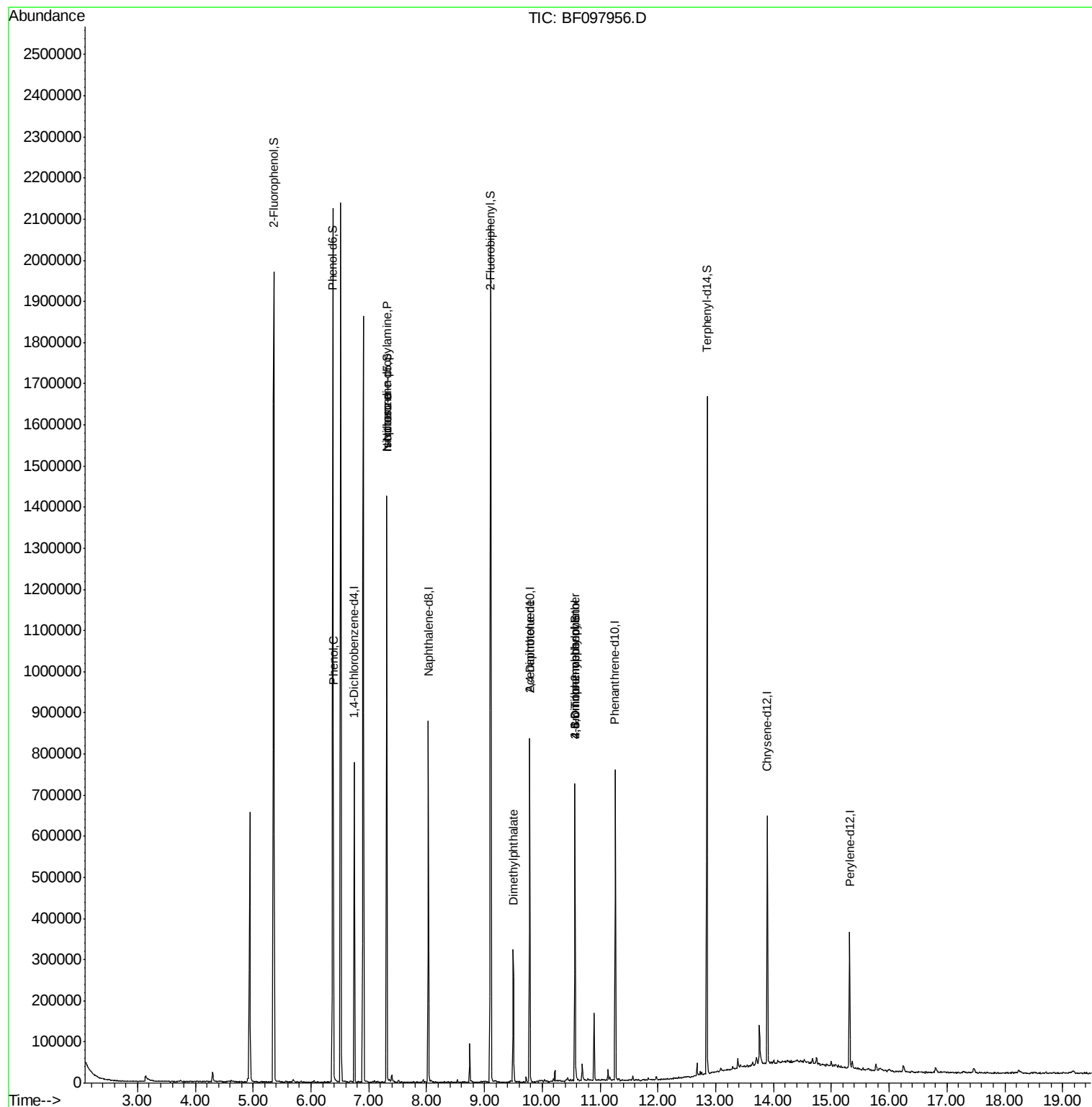
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	103742	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	390262	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	146943	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	245922	20.00	ng	0.00
75) Chrysene-d12	13.89	240	205326	20.00	ng	0.00
86) Perylene-d12	15.32	264	138572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	537564	78.82	ng	0.00
7) Phenol-d6	6.38	99	745882	80.49	ng	0.00
23) Nitrobenzene-d5	7.31	82	453821	63.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	74609	58.52	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	656383	65.63	ng	0.00
78) Terphenyl-d14	12.85	244	477870	48.53	ng	0.00
Target Compounds						
10) Phenol	6.39	94	26124	2.410	ng	89
19) n-Nitroso-di-n-propylamine	7.31	70	60267	9.500	ng	# 72
25) Isophorone	7.31	82	441508	29.556	ng	# 67
49) Dimethylphthalate	9.50	163	112314	10.456	ng	100
56) 2,4-Dinitrotoluene	9.78	165	18744	6.966	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	109	8.398	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	5138	2.012	ng	# 1

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

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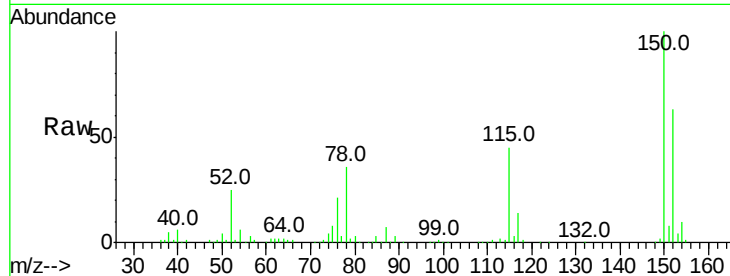


#1

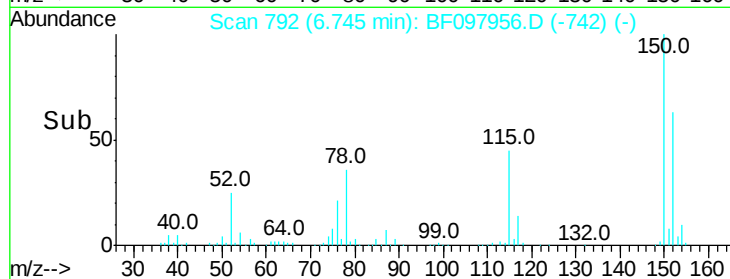
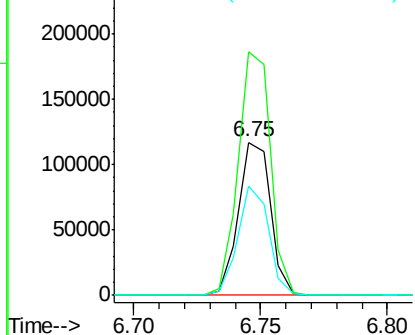
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097956.D
Acq: 22 Aug 2017 15:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103742
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.2
115 71.4 52.2 78.2



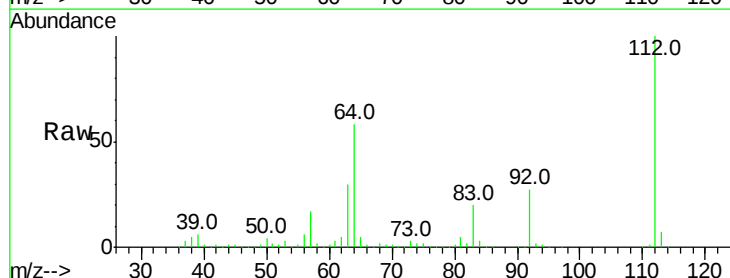
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



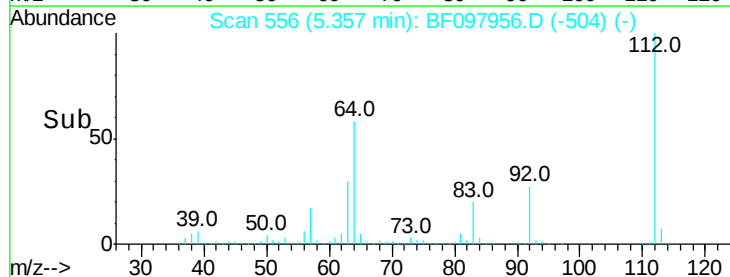
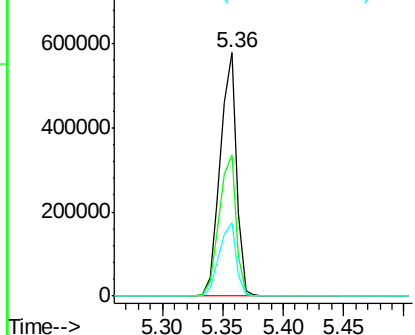
#5

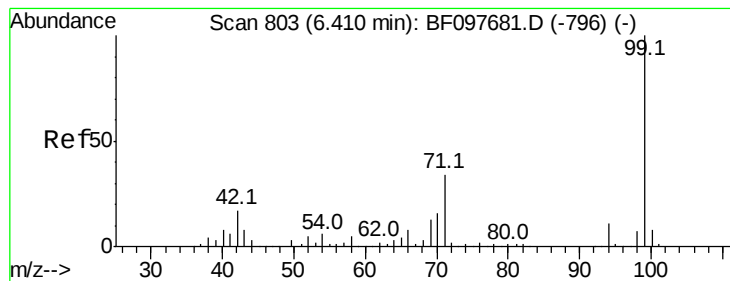
2-Fluorophenol
Concen: 78.818 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF097956.D
Acq: 22 Aug 2017 15:27

Tgt Ion:112 Resp: 537564
Ion Ratio Lower Upper
112 100
64 57.9 46.0 69.0
63 29.9 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: 80.489 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097956.D

Acq: 22 Aug 2017 15:27

Instrument :

BNA_F

ClientSampled :

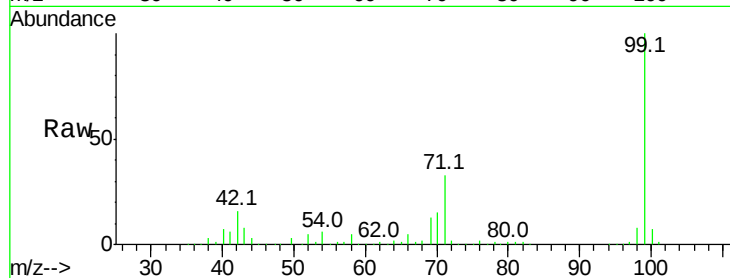
Tot Ion: 99 Resp: 745882

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

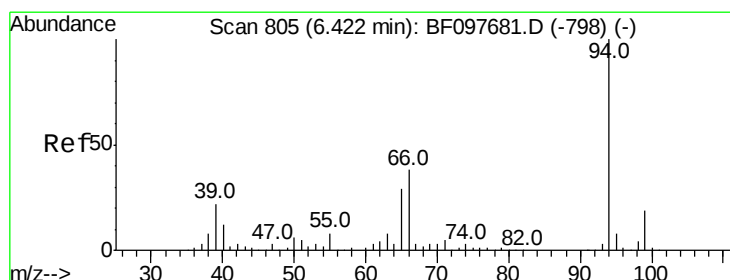
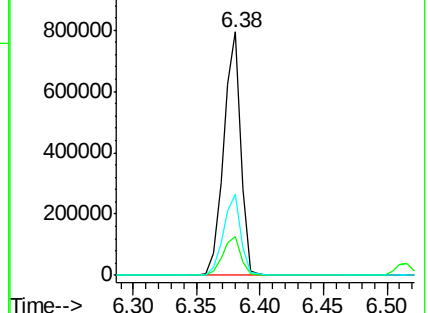
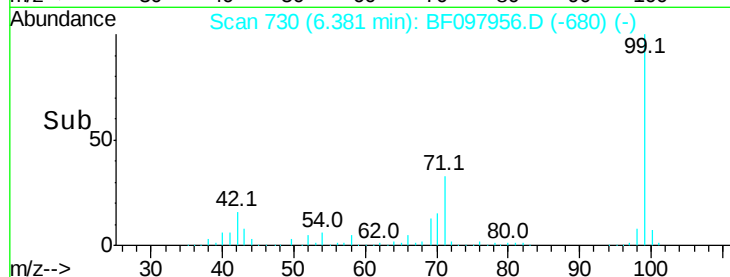
71 33.2 24.5 36.7



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: 2.410 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097956.D

Acq: 22 Aug 2017 15:27

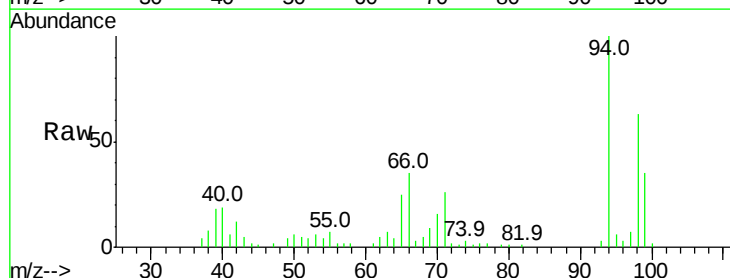
Tgt Ion: 94 Resp: 26124

Ion Ratio Lower Upper

94 100

65 25.1 9.9 49.9

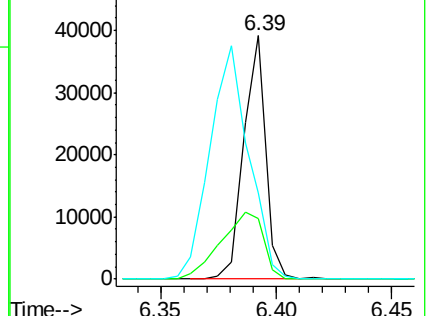
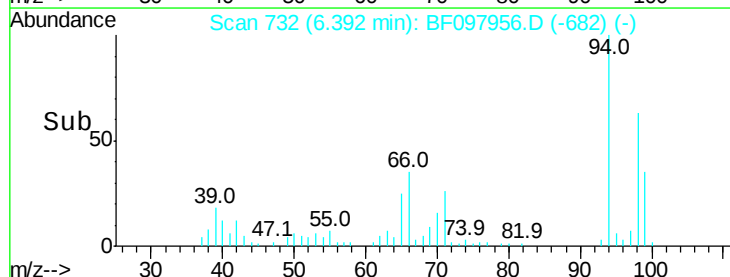
66 35.3 23.1 63.1

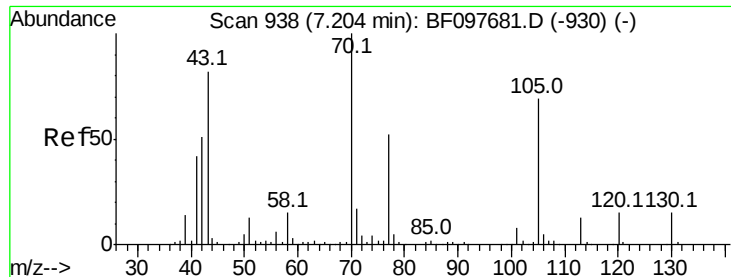


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

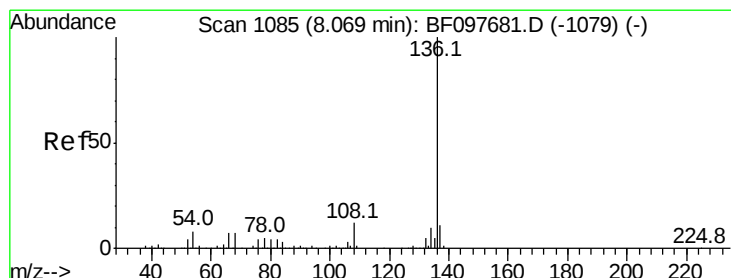
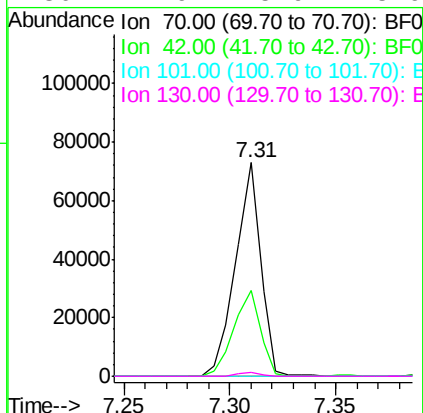
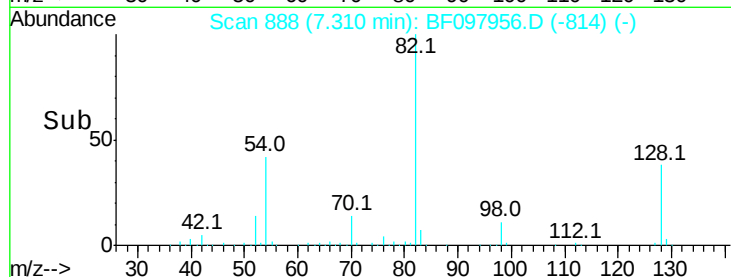
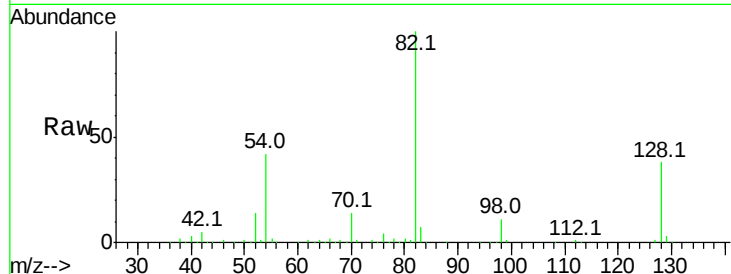




#19
n-Nitroso-di-n-propylamine
Concen: 9.500 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF097956.D
Acq: 22 Aug 2017 15:27

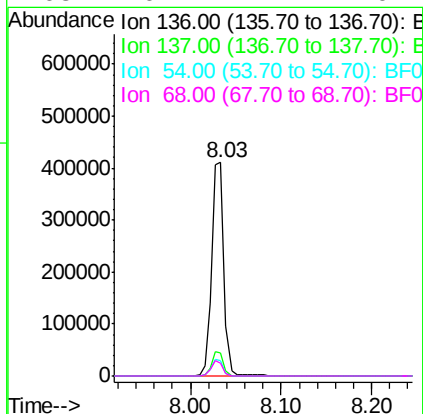
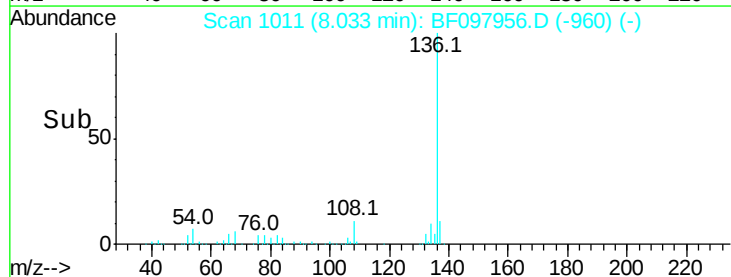
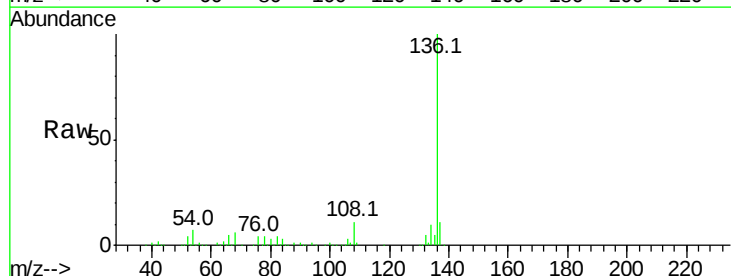
Instrument :
BNA_F
ClientSampleId :

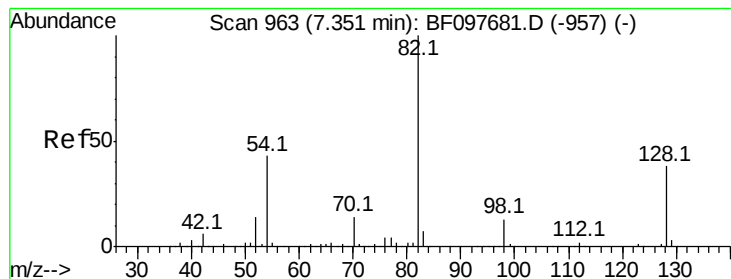
Tot Ion: 70 Resp: 60267
Ion Ratio Lower Upper
70 100
42 40.0 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF097956.D
Acq: 22 Aug 2017 15:27

Tgt Ion:136 Resp: 390262
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.0 4.9 7.3
68 6.2 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 63.172 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097956.D

Acq: 22 Aug 2017 15:27

Instrument :

BNA_F

ClientSampleId :

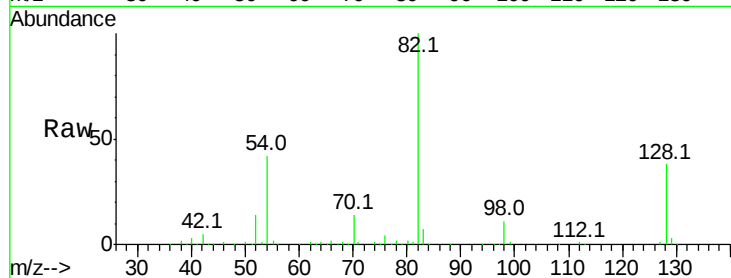
Tot Ion: 82 Resp: 453821

Ion Ratio Lower Upper

82 100

128 37.5 34.0 51.0

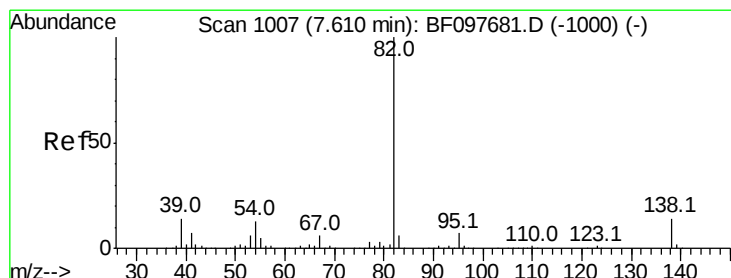
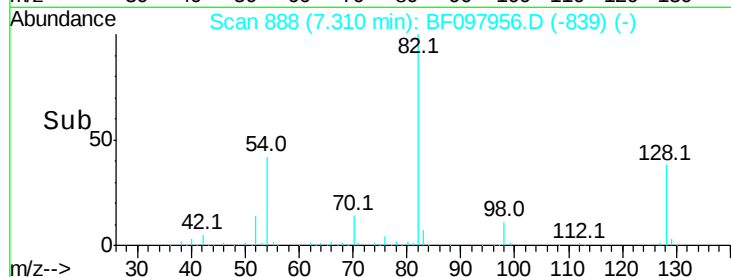
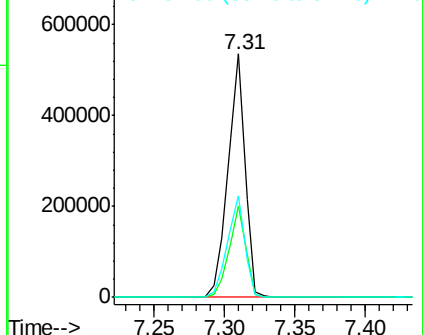
54 41.7 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 29.556 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.27 min

Lab File: BF097956.D

Acq: 22 Aug 2017 15:27

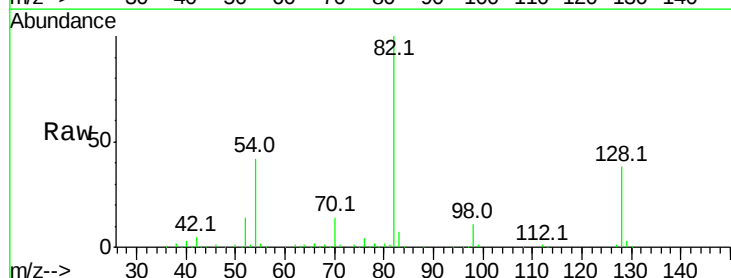
Tgt Ion: 82 Resp: 441508

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

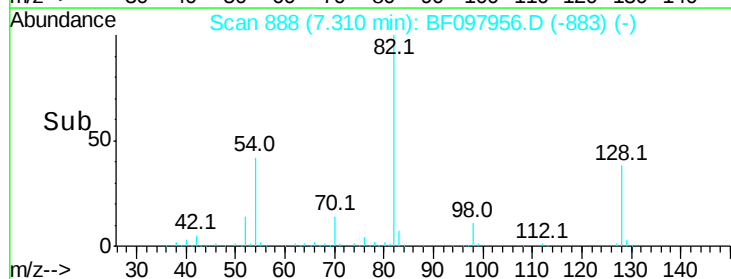
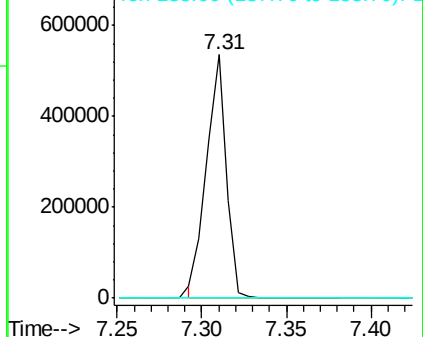
138 0.0 13.1 19.7#

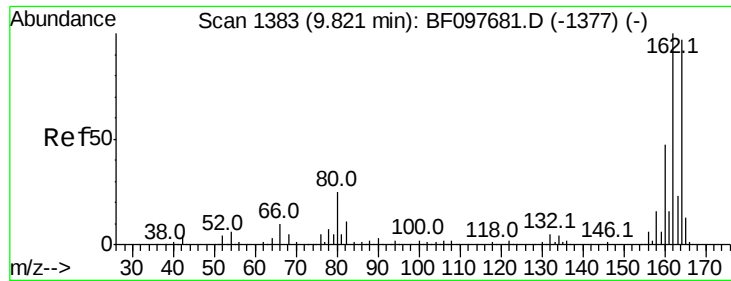


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

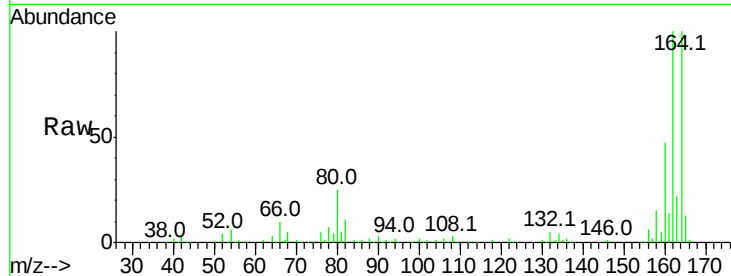




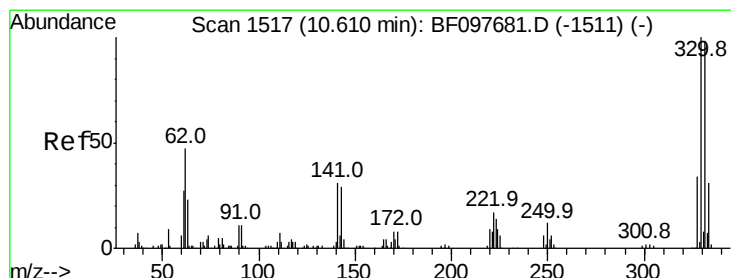
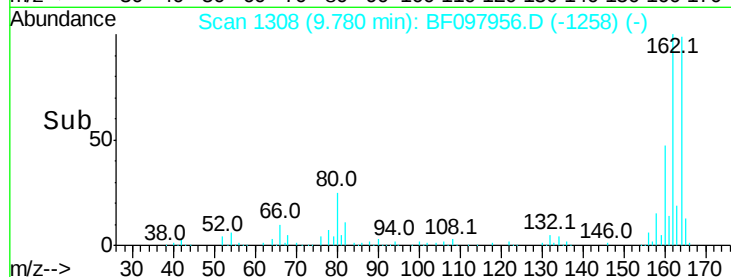
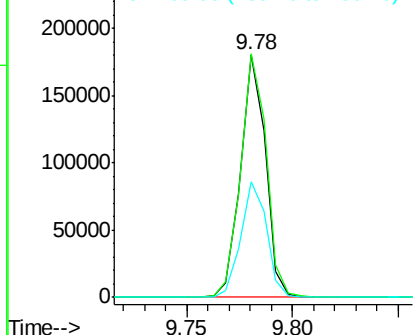
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF097956.D
Acq: 22 Aug 2017 15:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 146943
Ion Ratio Lower Upper
164 100
162 100.4 82.6 123.8
160 47.5 36.2 54.2

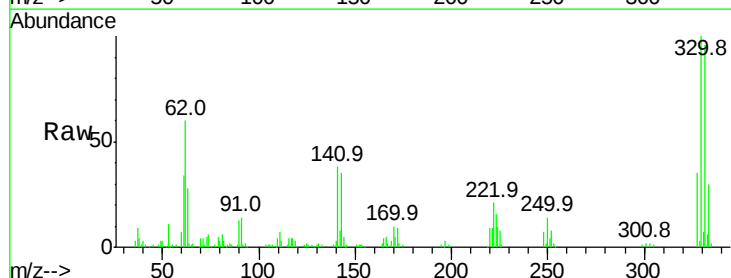


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

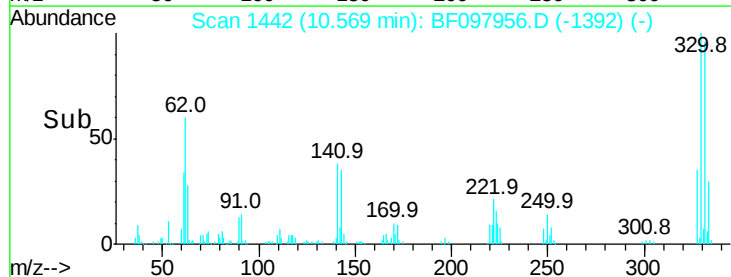
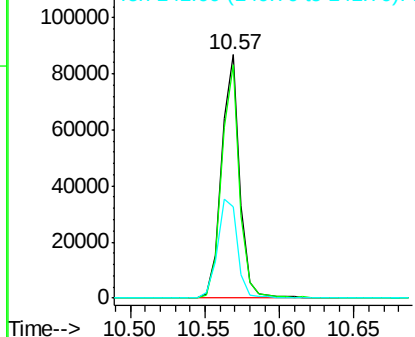


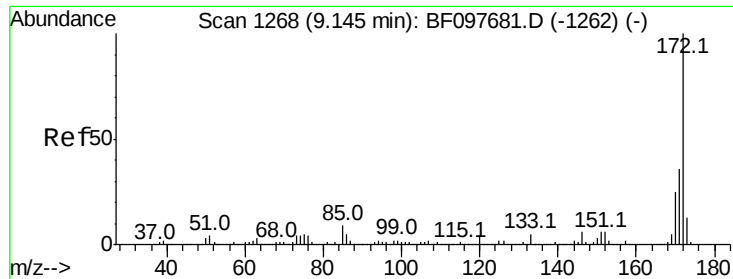
#41
2,4,6-Tribromophenol
Concen: 58.518 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF097956.D
Acq: 22 Aug 2017 15:27

Tgt Ion:330 Resp: 74609
Ion Ratio Lower Upper
330 100
332 94.5 76.6 115.0
141 44.5 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

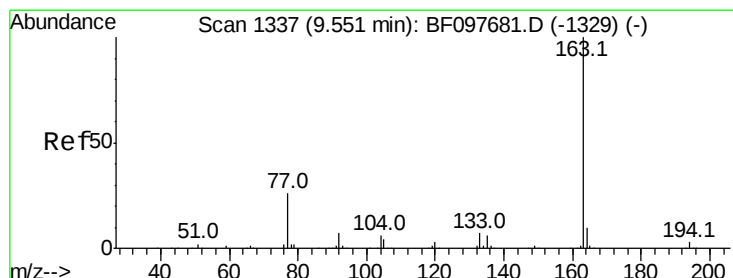
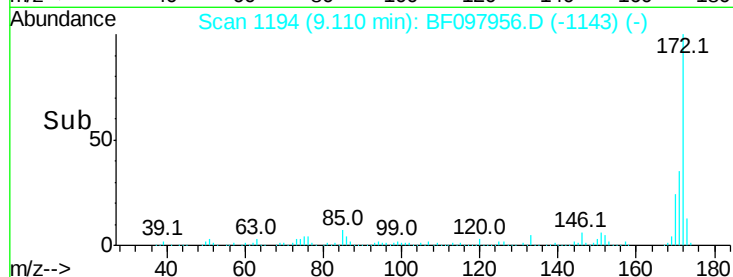
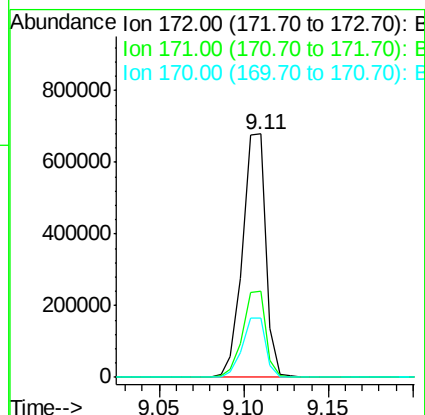
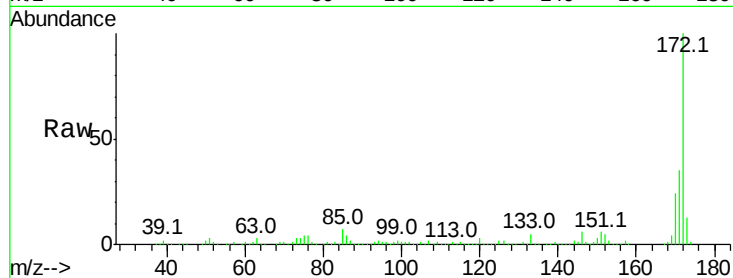




#44
2-Fluorobiphenyl
Concen: 65.628 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF097956.D
Acq: 22 Aug 2017 15:27

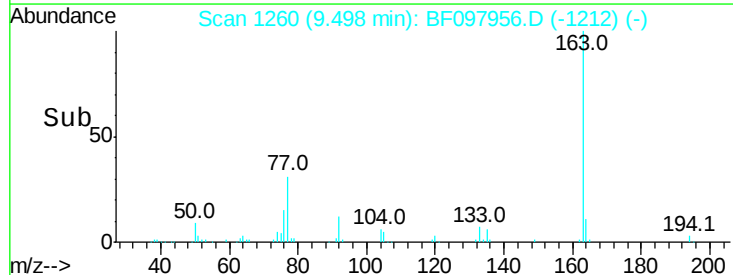
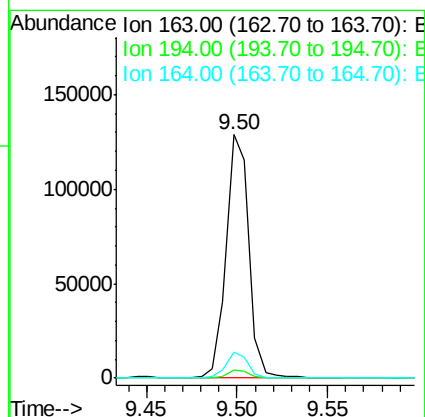
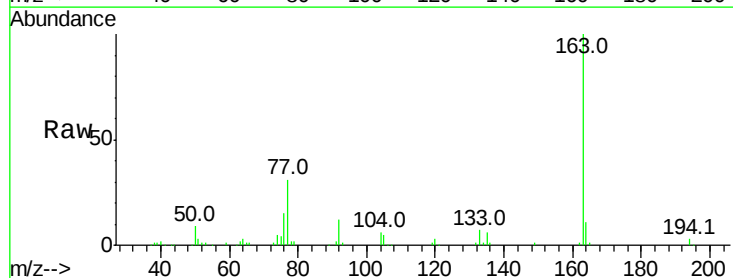
Instrument :
BNA_F
ClientSampleId :

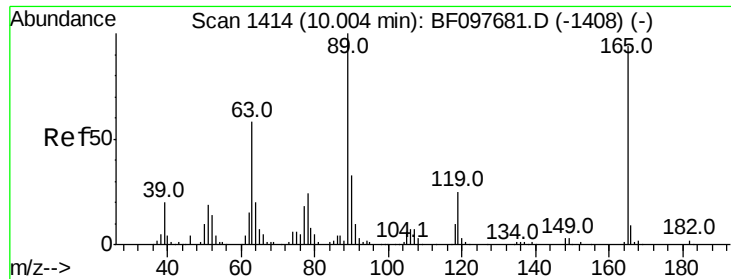
Tot Ion:172 Resp: 656383
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 24.5 19.8 29.8



#49
Dimethylphthalate
Concen: 10.456 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF097956.D
Acq: 22 Aug 2017 15:27

Tgt Ion:163 Resp: 112314
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.5 8.4 12.6

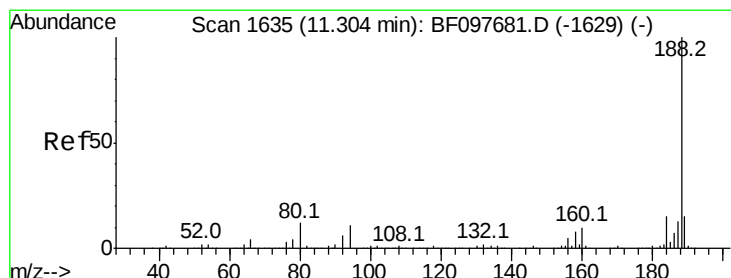
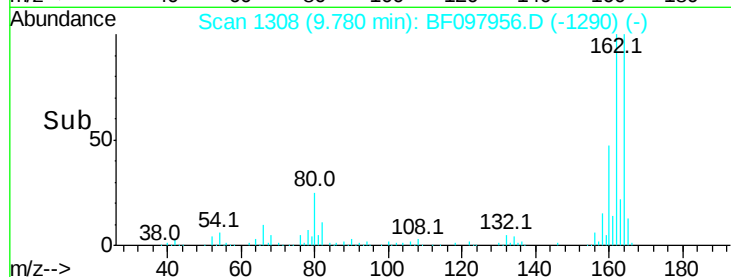
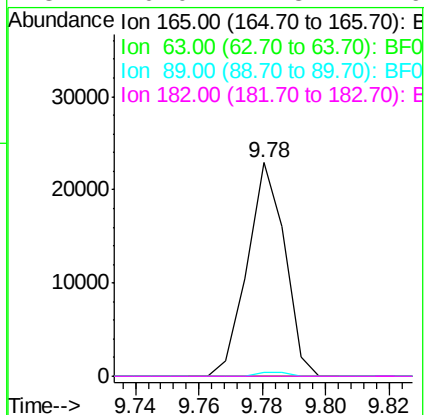
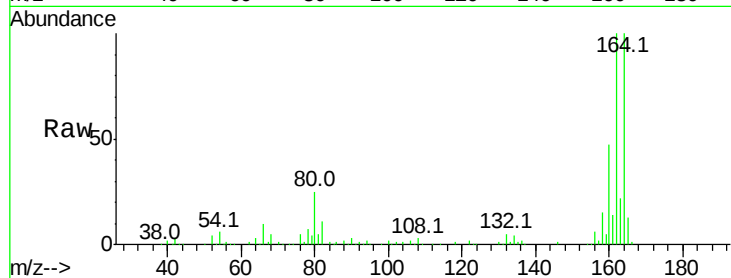




#56
 2,4-Dinitrotoluene
 Concen: 6.966 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.19 min
 Lab File: BF097956.D
 Acq: 22 Aug 2017 15:27

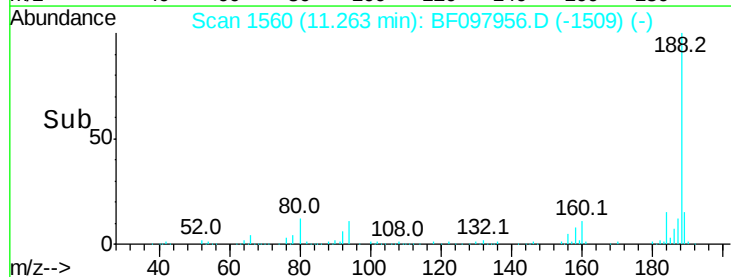
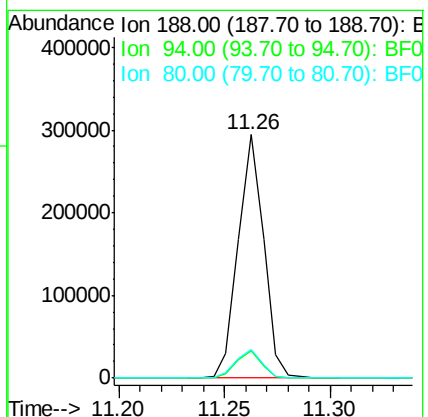
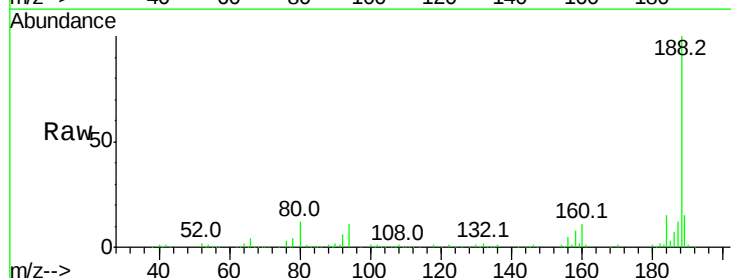
Instrument :
 BNA_F
 ClientSampleId :

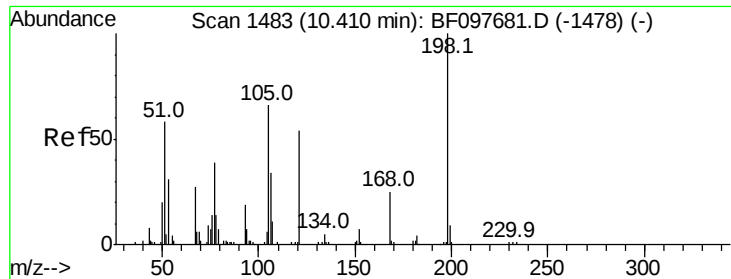
Tot Ion:165 Resp: 18744
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 2.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF097956.D
 Acq: 22 Aug 2017 15:27

Tgt Ion:188 Resp: 245922
 Ion Ratio Lower Upper
 188 100
 94 11.2 9.4 14.2
 80 11.8 10.2 15.2

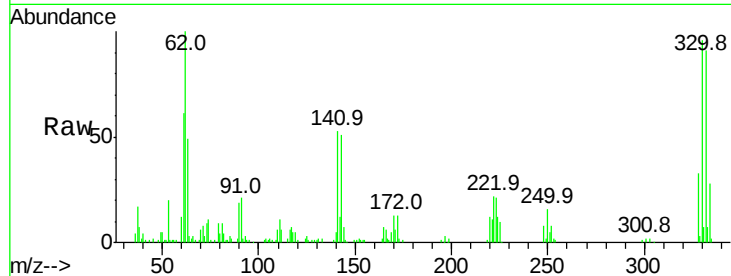




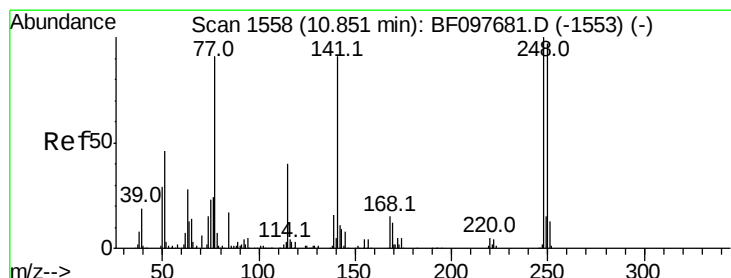
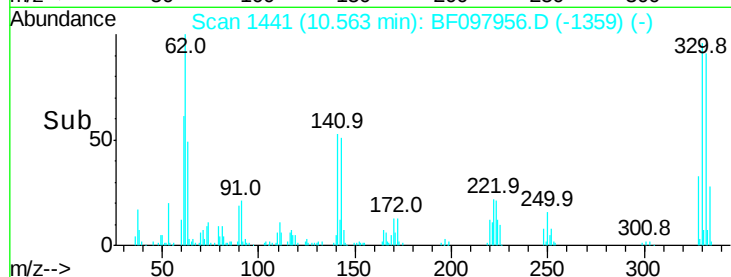
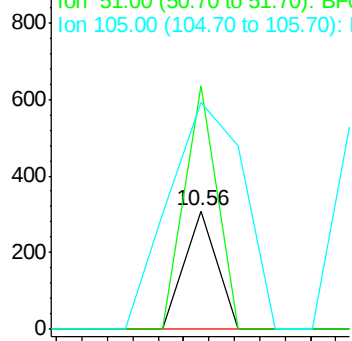
#64
4,6-Dinitro-2-methylphenol
Concen: 8.398 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.18 min
Lab File: BF097956.D
Acq: 22 Aug 2017 15:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 109
Ion Ratio Lower Upper
198 100
51 205.5 53.2 93.2#
105 191.6 45.8 85.8#

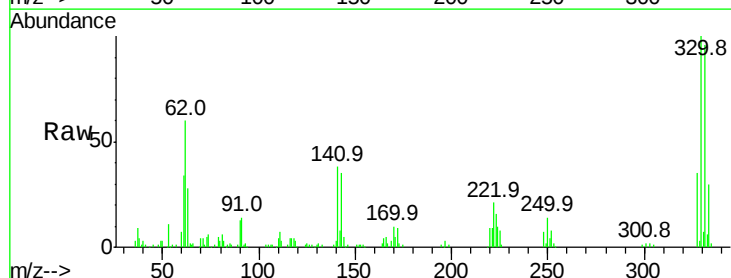


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

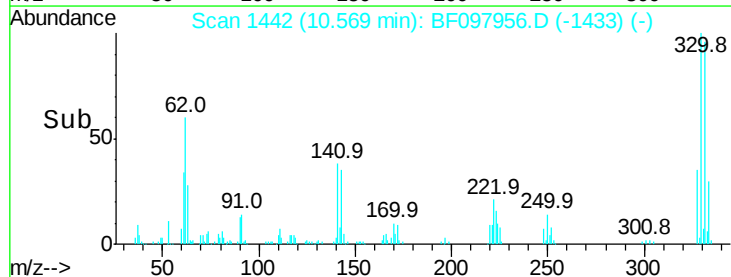
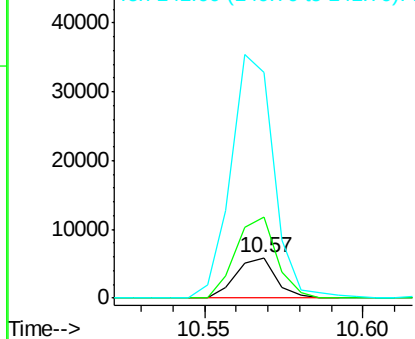


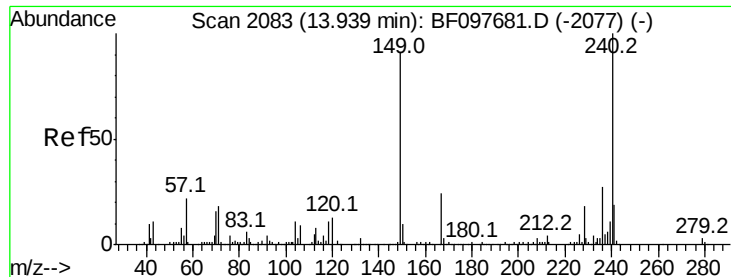
#66
4-Bromophenyl-phenylether
Concen: 2.012 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF097956.D
Acq: 22 Aug 2017 15:27

Tgt Ion:248 Resp: 5138
Ion Ratio Lower Upper
248 100
250 199.2 76.8 115.2#
141 553.5 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: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF097956.D

Acq: 22 Aug 2017 15:27

Instrument :

BNA_F

ClientSampleId :

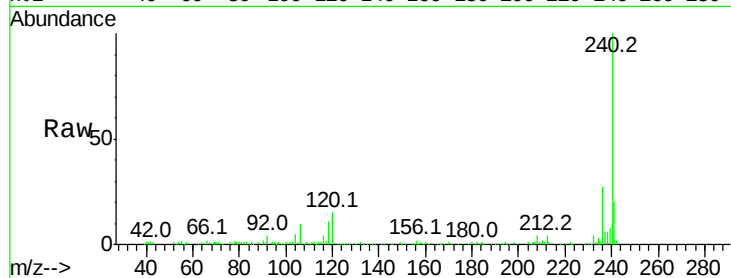
Tot Ion:240 Resp: 205326

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

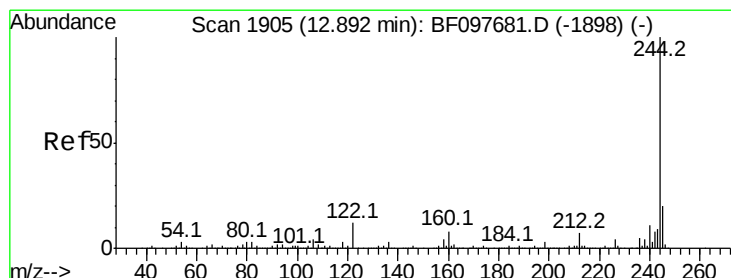
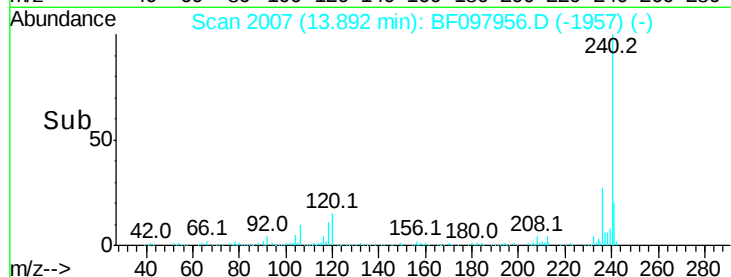
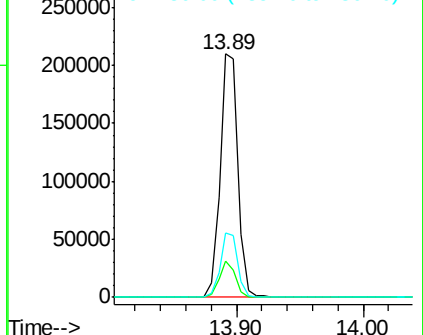
236 26.6 20.5 30.7



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: 48.534 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF097956.D

Acq: 22 Aug 2017 15:27

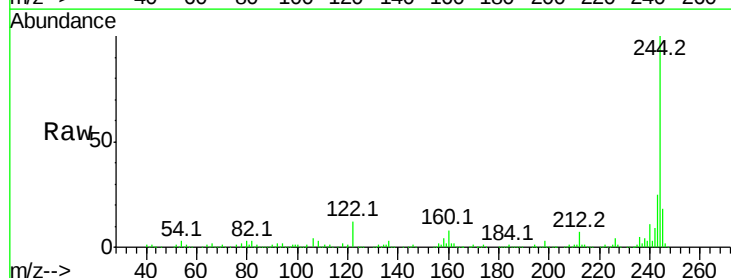
Tgt Ion:244 Resp: 477870

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

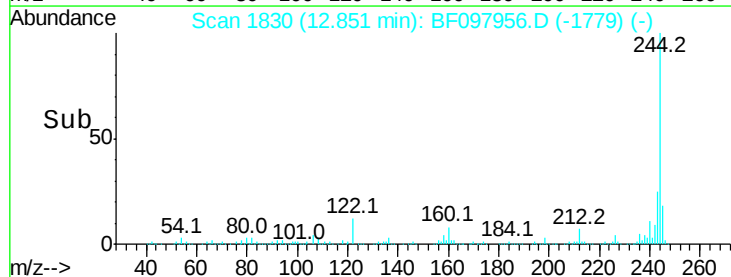
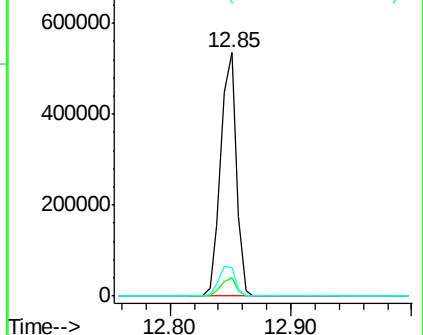
122 11.8 10.3 15.5

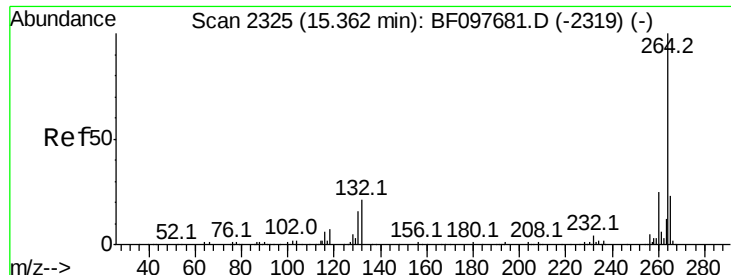


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

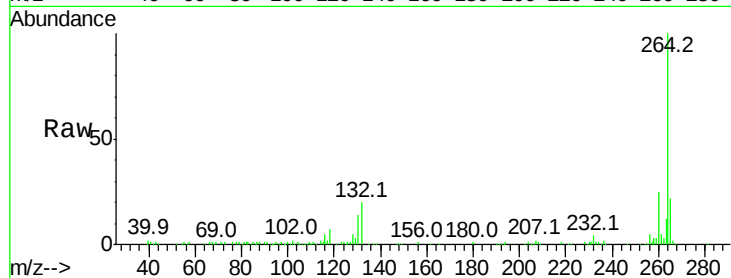




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF097956.D
 Acq: 22 Aug 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.9	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

