

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098782.D
 Acq On : 25 Sep 2017 14:40
 Operator : SJ/JU
 Sample : I5364-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 05:15:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

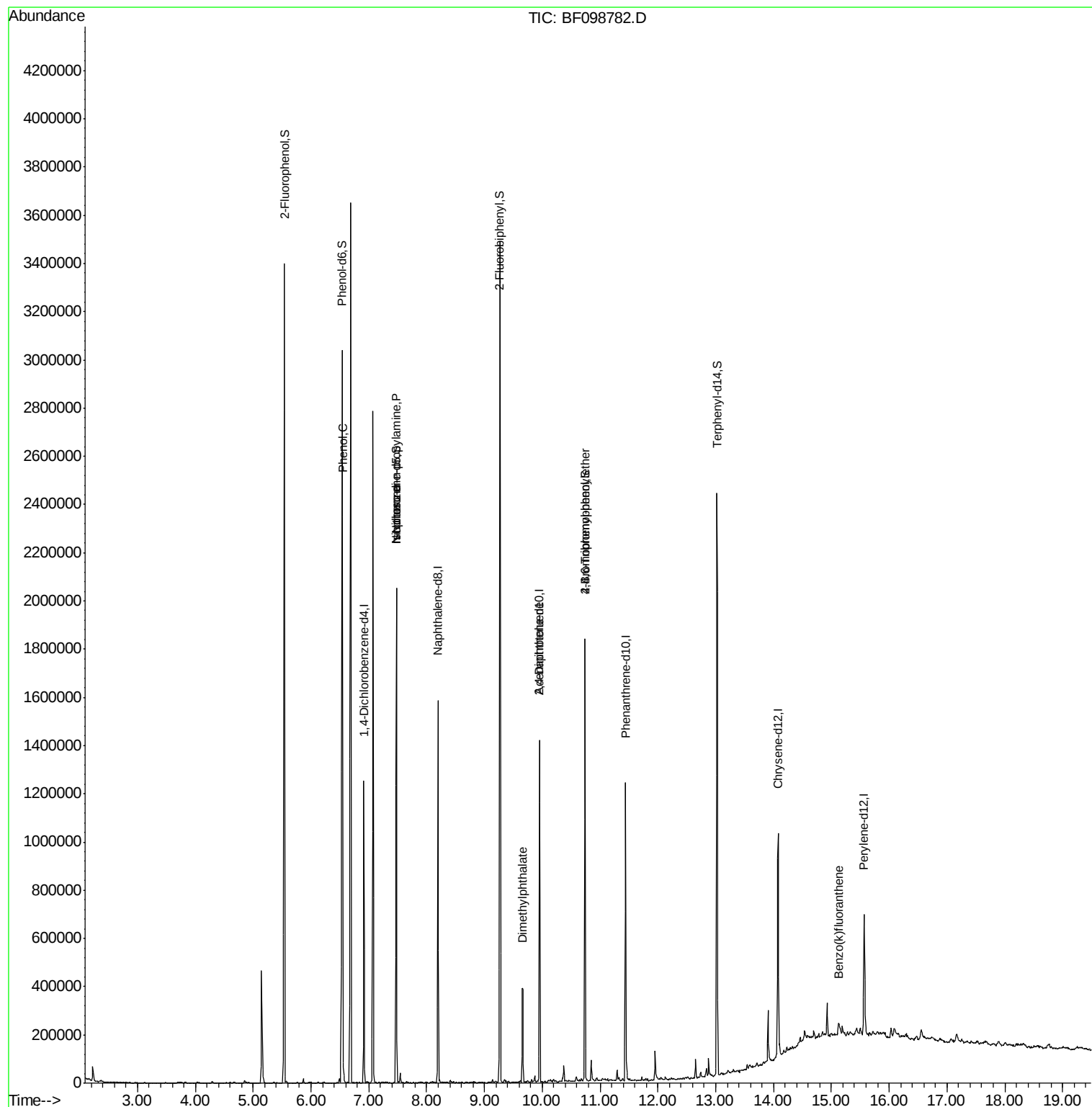
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	162747	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	655930	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	264423	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	384386	20.00	ng	0.00
75) Chrysene-d12	14.08	240	290242	20.00	ng	0.00
86) Perylene-d12	15.57	264	217432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1019191	99.69	ng	0.00
7) Phenol-d6	6.54	99	1242549	98.52	ng	0.00
23) Nitrobenzene-d5	7.47	82	726843	71.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	187918	86.85	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1172736	74.04	ng	0.00
78) Terphenyl-d14	13.02	244	736896	57.74	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	29053	2.060	ng	98
19) n-Nitroso-di-n-propylamine	7.47	70	95438	11.853	ng	# 79
25) Isophorone	7.47	82	725569	34.311	ng	# 64
49) Dimethylphthalate	9.66	163	157035	7.869	ng	98
56) 2,4-Dinitrotoluene	9.95	165	34550	6.127	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	13277	3.529	ng	# 1
88) Benzo(k)fluoranthene	15.13	252	26637	2.017	ng	# 82

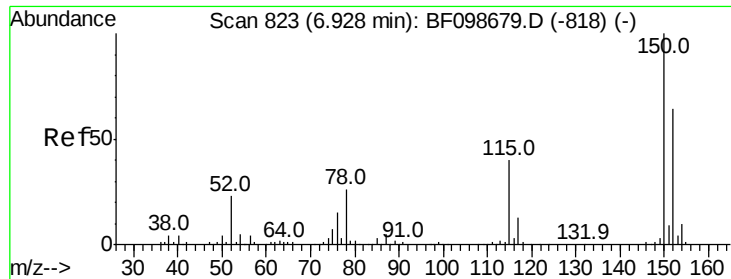
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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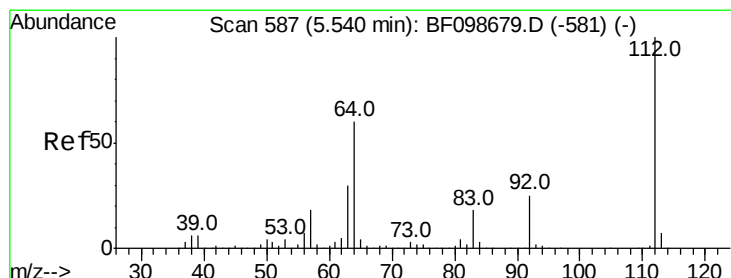
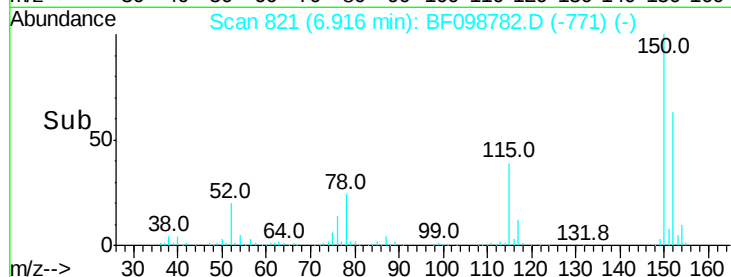
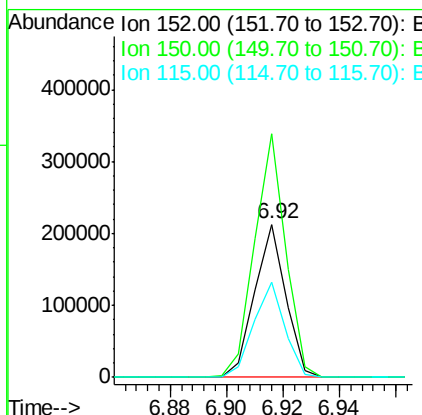
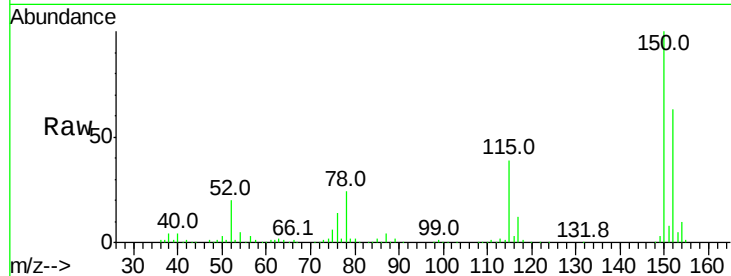


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098782.D
 Acq: 25 Sep 2017 14:40

Instrument :
 BNA_F
 ClientSampled :

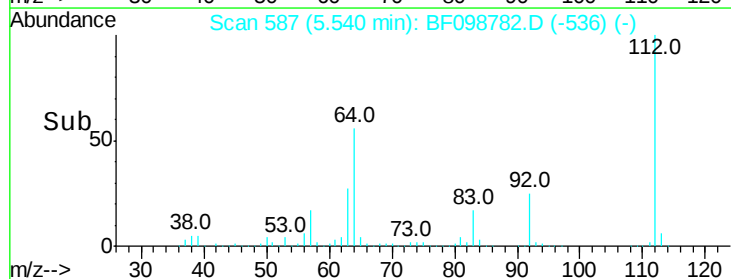
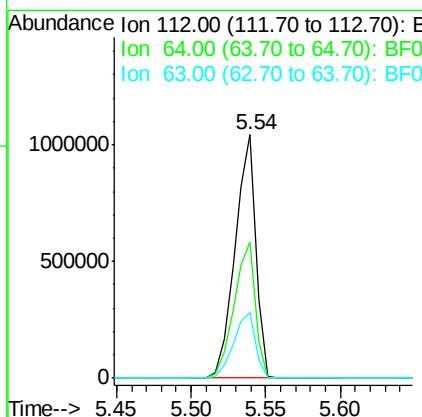
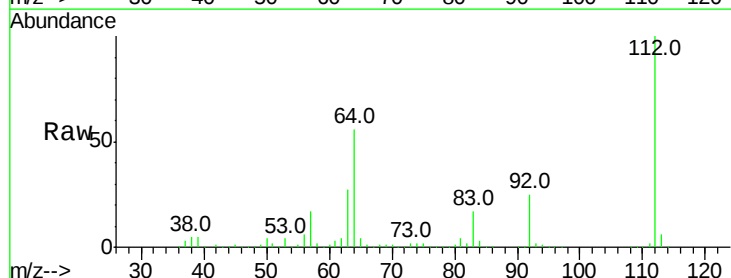
Tot Ion:152 Resp: 162747
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.6 186.8
 115 62.1 50.1 75.1



#5

2-Fluorophenol
 Concen: 99.692 ng
 RT: 5.54 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF098782.D
 Acq: 25 Sep 2017 14:40

Tgt Ion:112 Resp: 1019191
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.9 71.9
 63 27.1 23.7 35.5





#7

Phenol-d6

Concen: 98.523 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098782.D

Acq: 25 Sep 2017 14:40

Instrument :

BNA_F

ClientSampled :

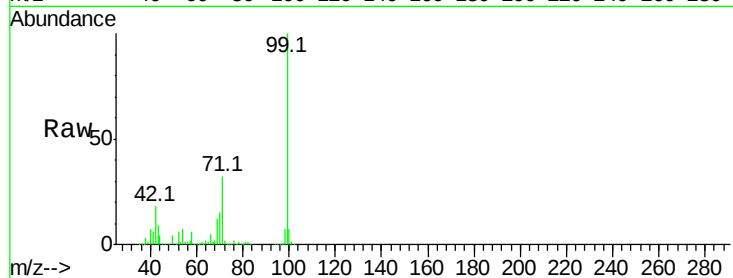
Tot Ion: 99 Resp: 1242549

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

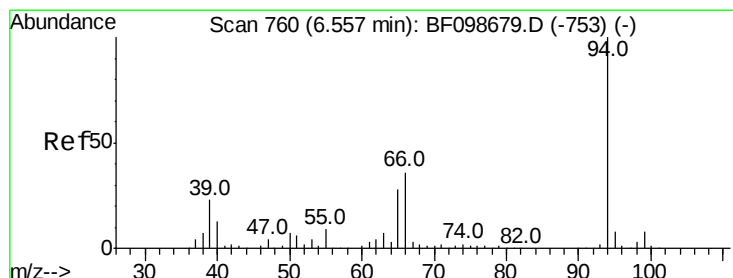
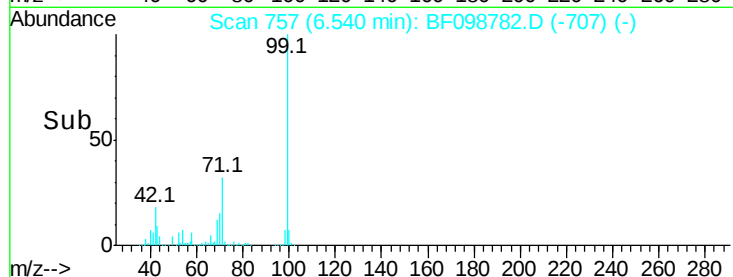
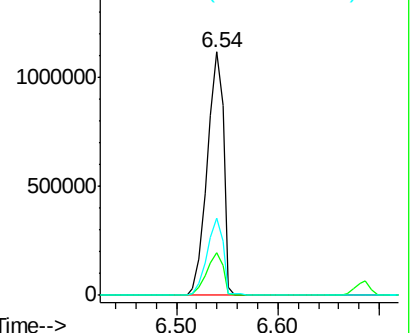
71 31.9 25.4 38.0



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: 2.060 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098782.D

Acq: 25 Sep 2017 14:40

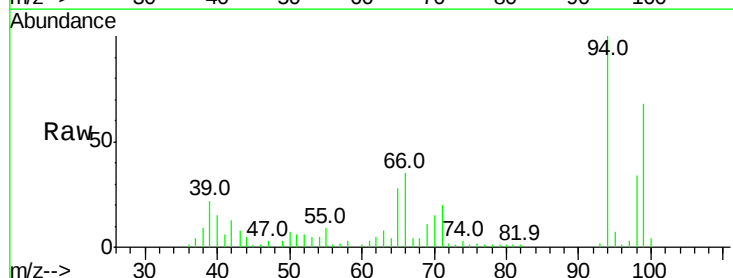
Tgt Ion: 94 Resp: 29053

Ion Ratio Lower Upper

94 100

65 28.5 7.9 47.9

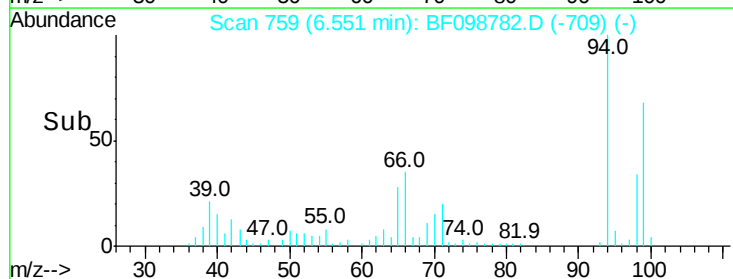
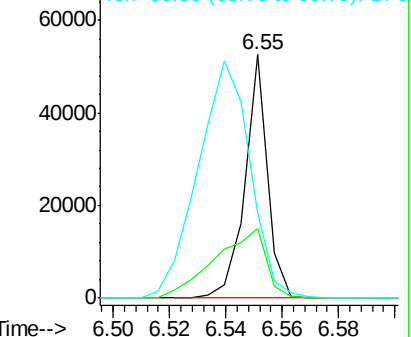
66 34.7 16.2 56.2

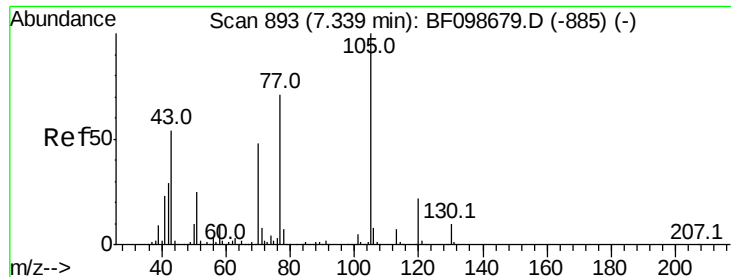


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

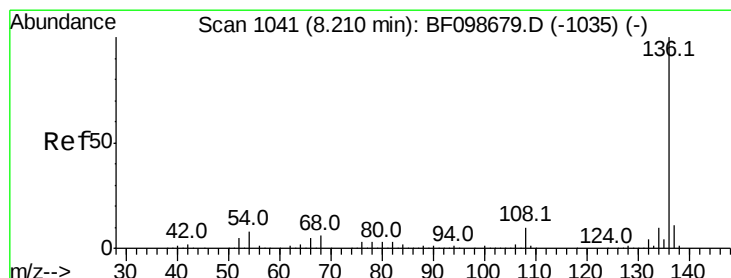
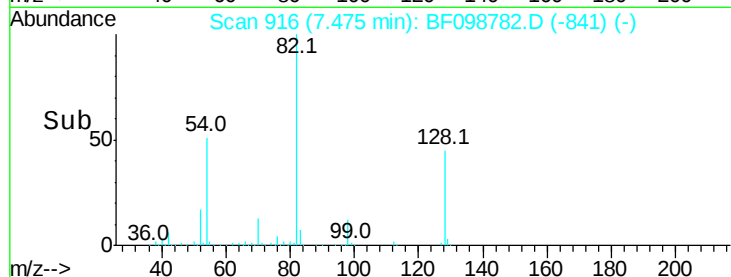
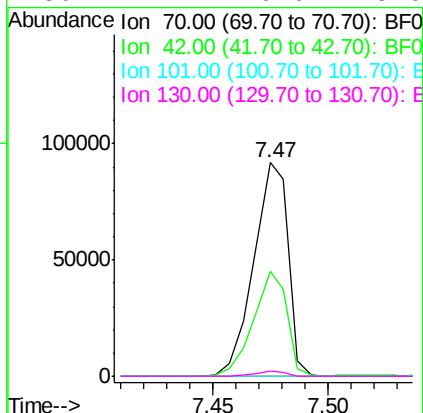
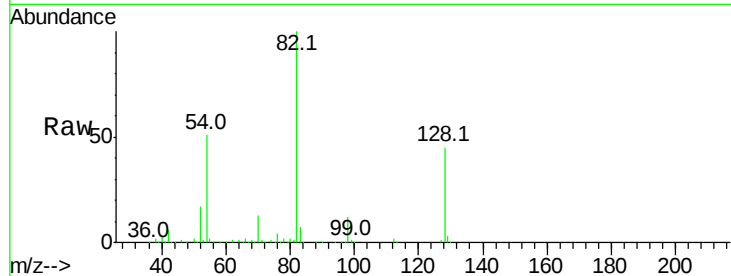




#19
n-Nitroso-di-n-propylamine
Concen: 11.853 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098782.D
Acq: 25 Sep 2017 14:40

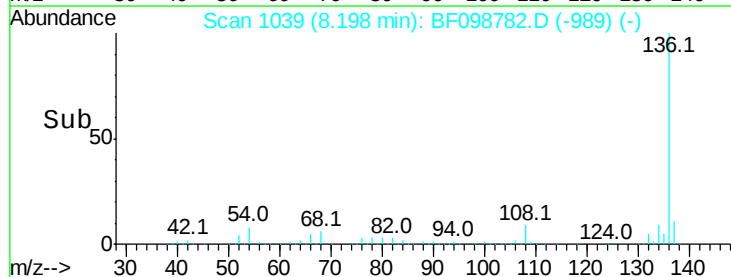
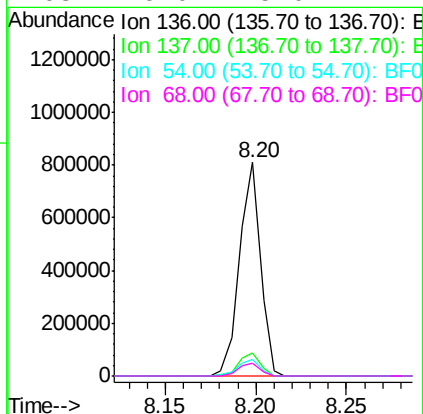
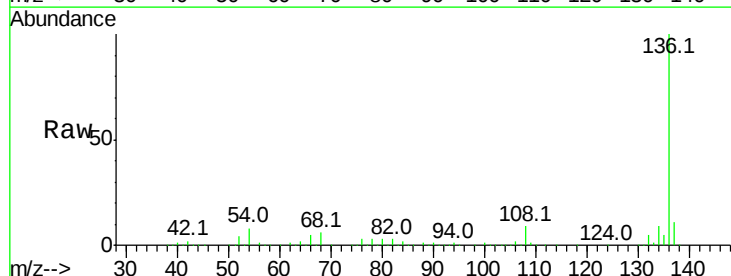
Instrument :
BNA_F
ClientSampleId :

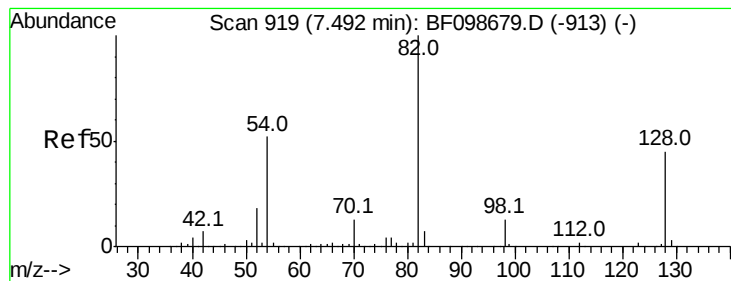
Tot Ion: 70 Resp: 95438
Ion Ratio Lower Upper
70 100
42 49.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098782.D
Acq: 25 Sep 2017 14:40

Tgt Ion: 136 Resp: 655930
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.5 6.6 9.8
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 71.063 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098782.D

Acq: 25 Sep 2017 14:40

Instrument :

BNA_F

ClientSampled :

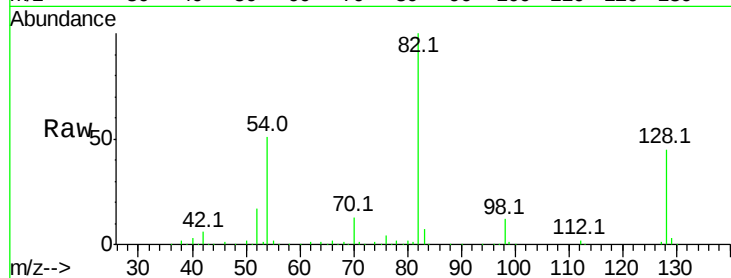
Tot Ion: 82 Resp: 726843

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

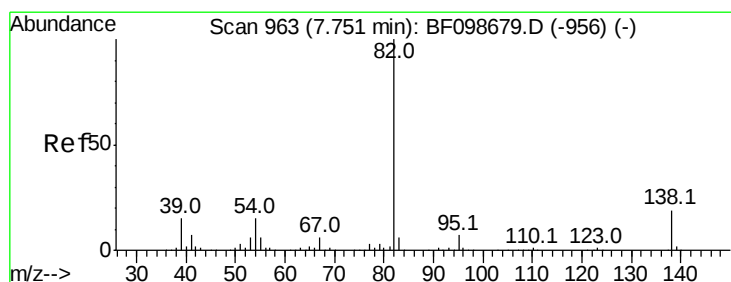
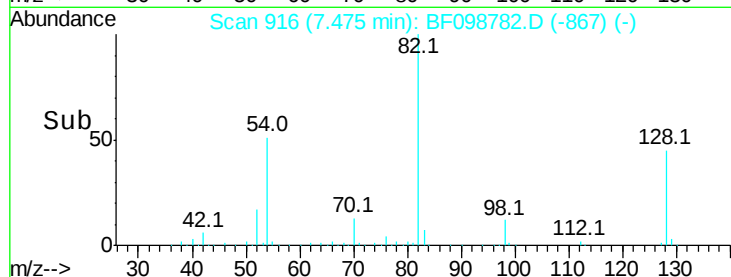
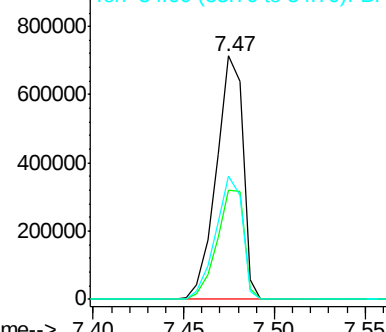
54 50.6 41.4 62.2



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: 34.311 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098782.D

Acq: 25 Sep 2017 14:40

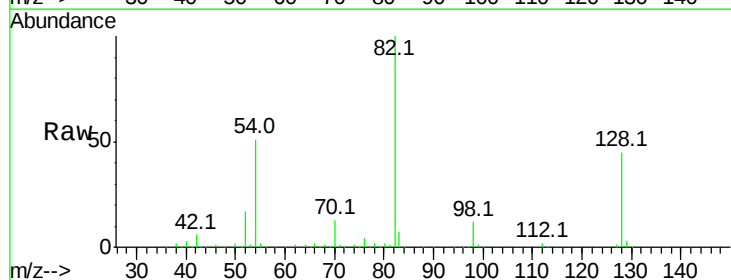
Tgt Ion: 82 Resp: 725569

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

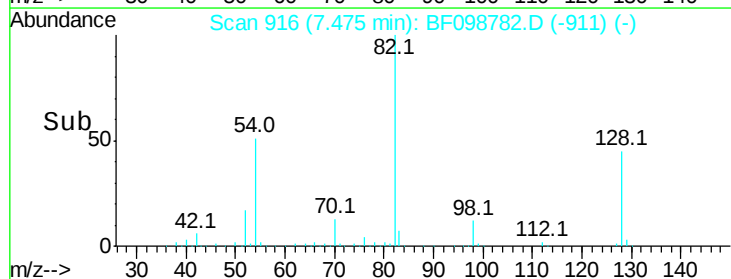
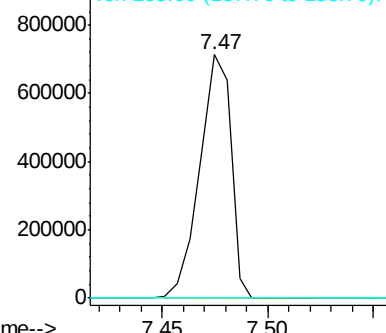
138 0.0 14.9 22.3#

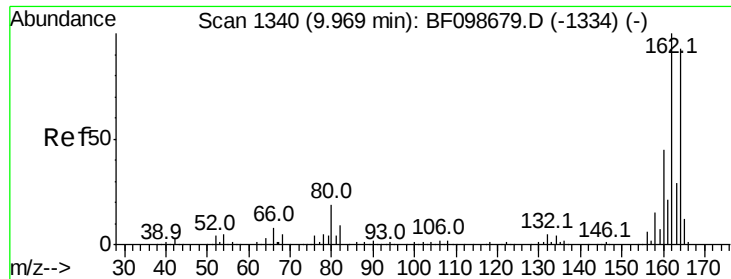


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

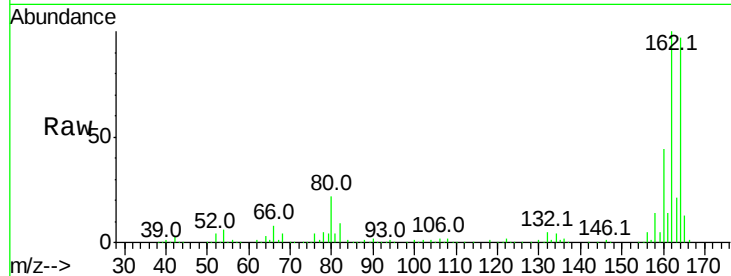




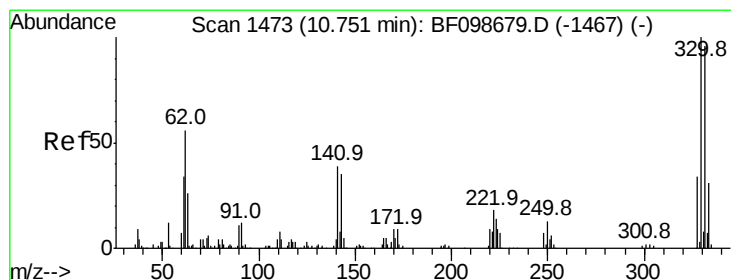
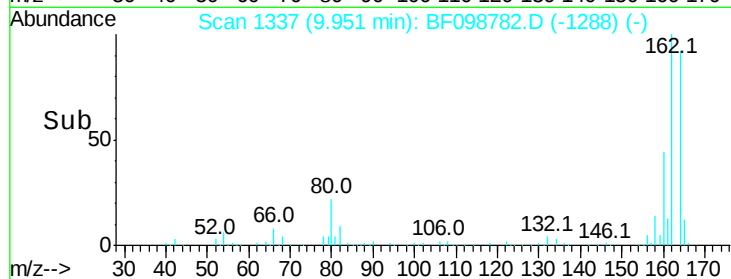
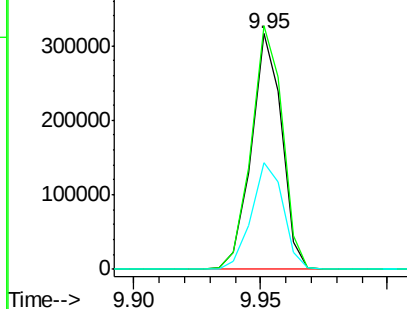
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098782.D
Acq: 25 Sep 2017 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 264423
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 45.3 38.3 57.5

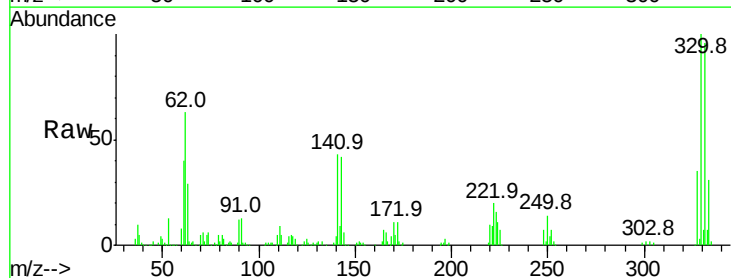


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

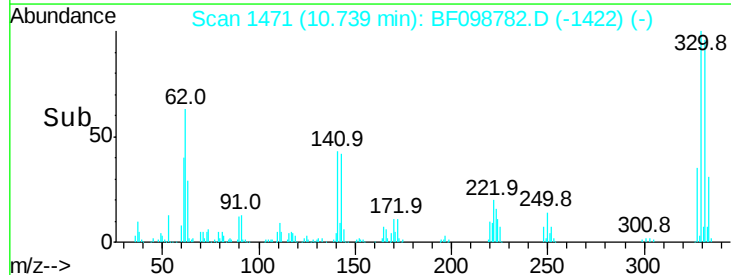
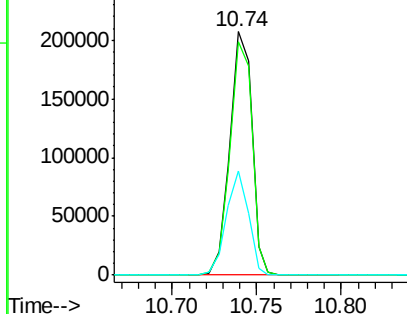


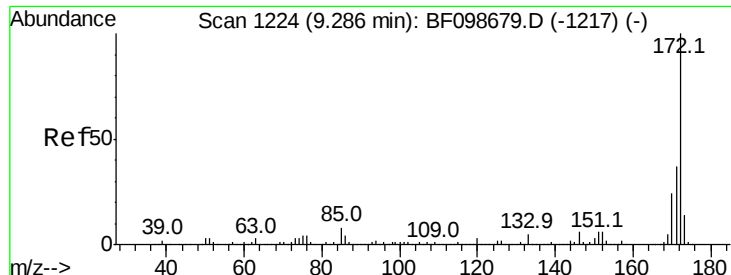
#41
2,4,6-Tribromophenol
Concen: 86.850 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098782.D
Acq: 25 Sep 2017 14:40

Tgt Ion:330 Resp: 187918
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 42.6 29.9 44.9



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

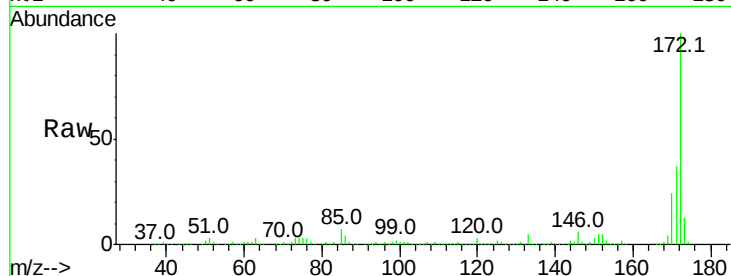




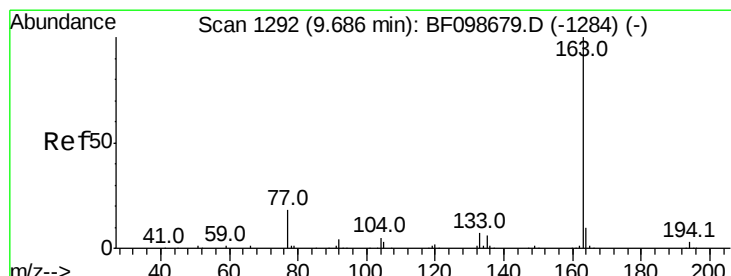
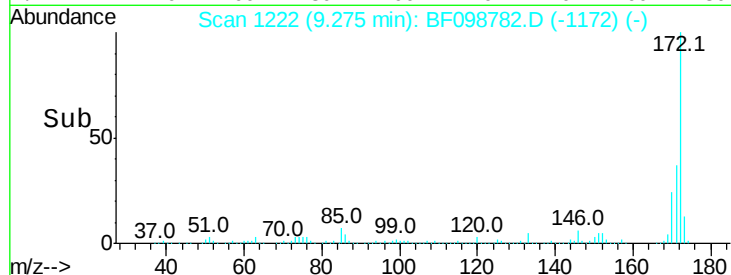
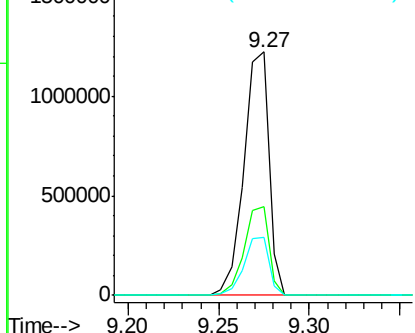
#44
2-Fluorobiphenyl
Concen: 74.040 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098782.D
Acq: 25 Sep 2017 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1172736
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 23.9 19.6 29.4

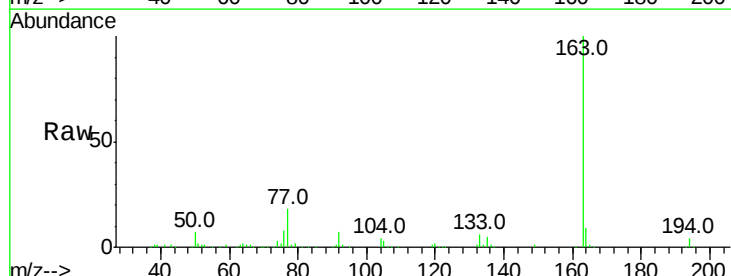


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

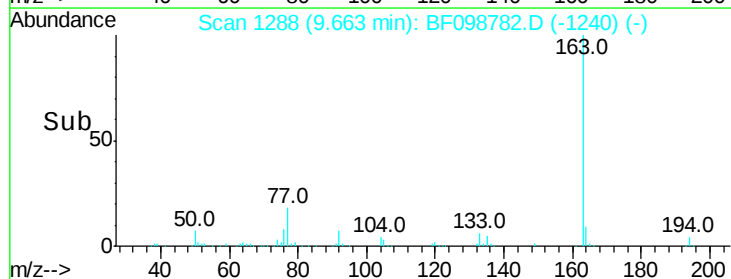
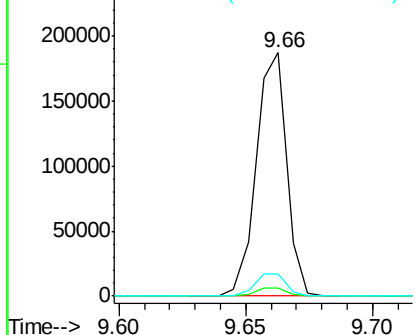


#49
Dimethylphthalate
Concen: 7.869 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098782.D
Acq: 25 Sep 2017 14:40

Tgt Ion:163 Resp: 157035
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.3 8.2 12.2



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

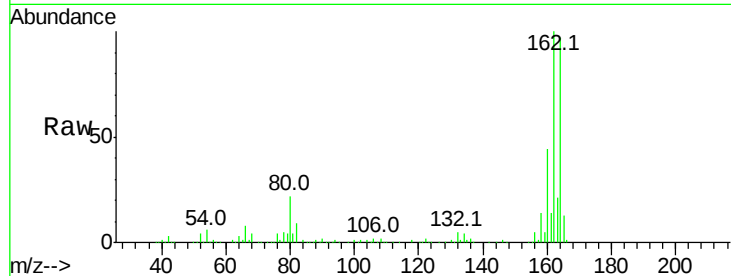




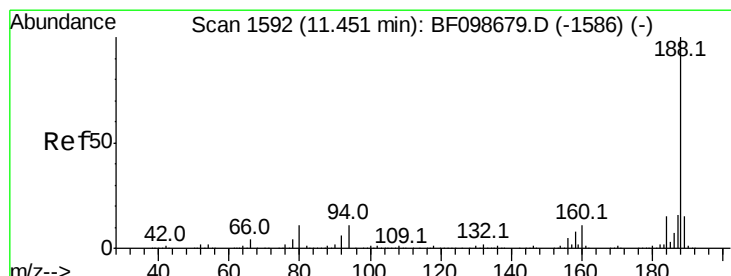
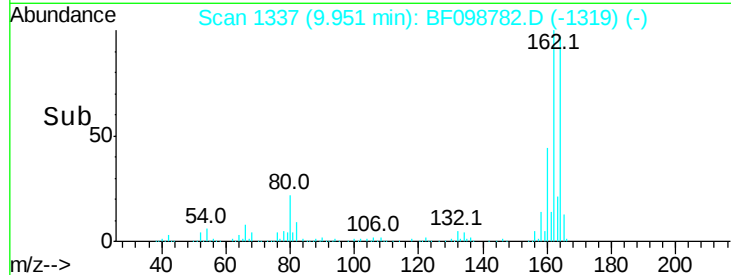
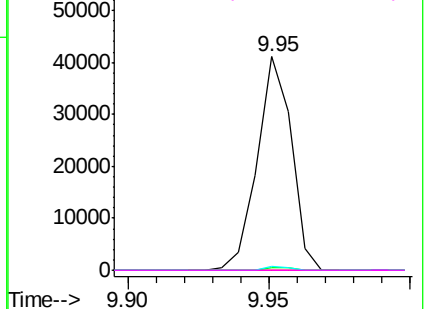
#56
 2,4-Dinitrotoluene
 Concen: 6.127 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098782.D
 Acq: 25 Sep 2017 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 34550
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#

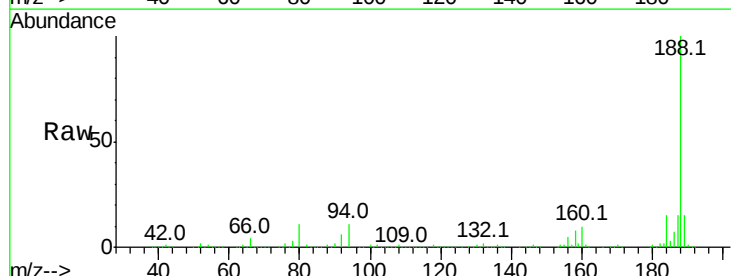


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

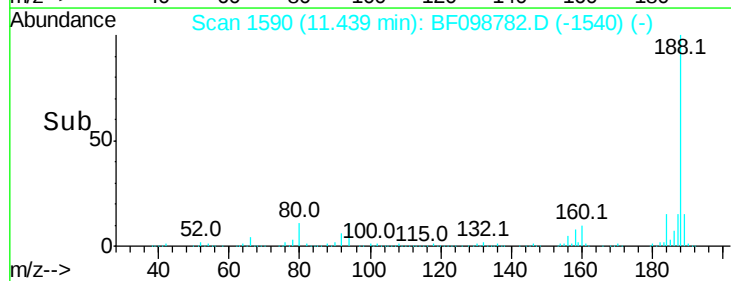
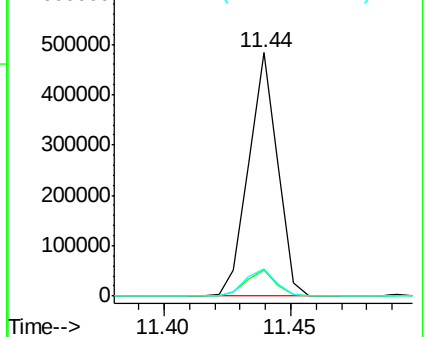


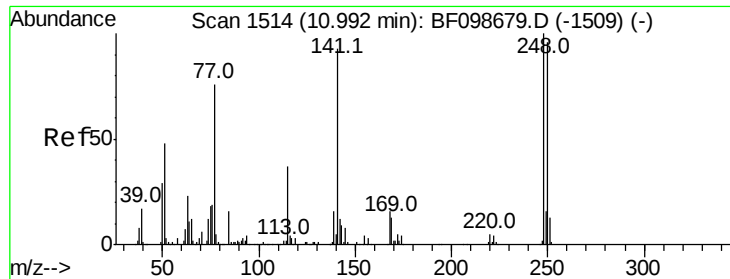
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098782.D
 Acq: 25 Sep 2017 14:40

Tgt Ion:188 Resp: 384386
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 11.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

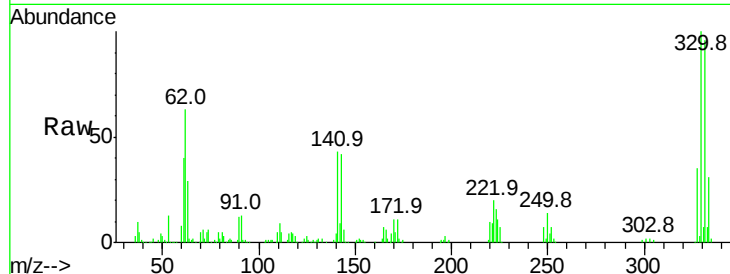




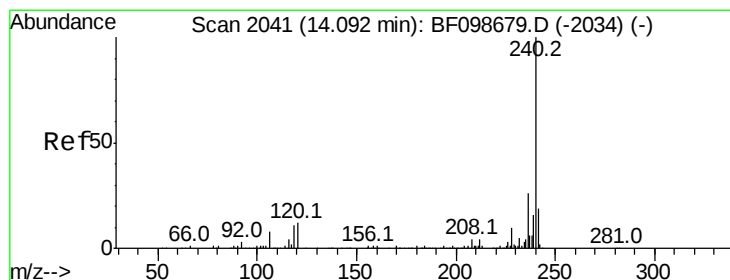
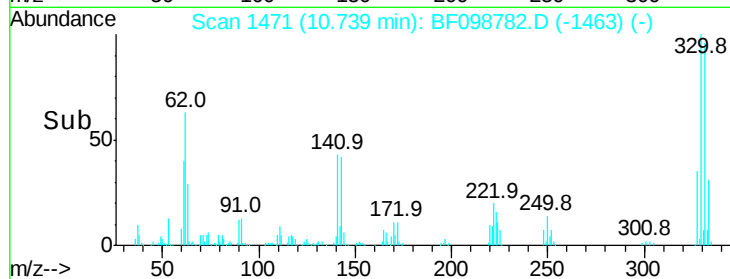
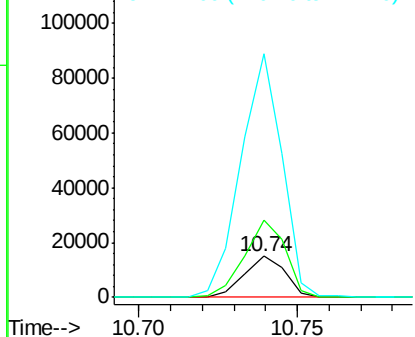
#66
 4-Bromophenyl-phenylether
 Concen: 3.529 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.25 min
 Lab File: BF098782.D
 Acq: 25 Sep 2017 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13277
 Ion Ratio Lower Upper
 248 100
 250 188.9 76.9 115.3#
 141 596.1 74.4 111.6#

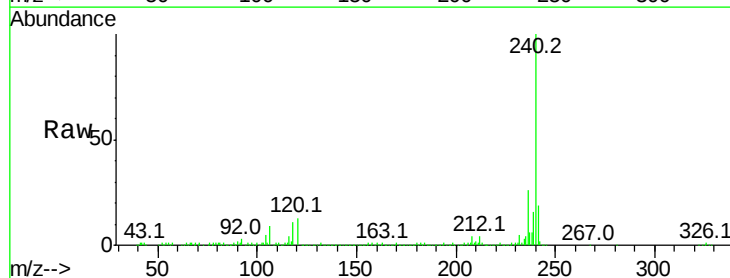


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

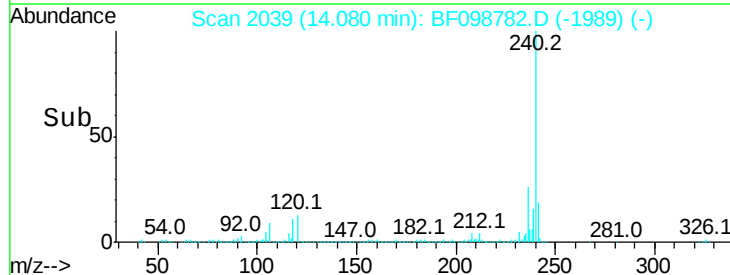
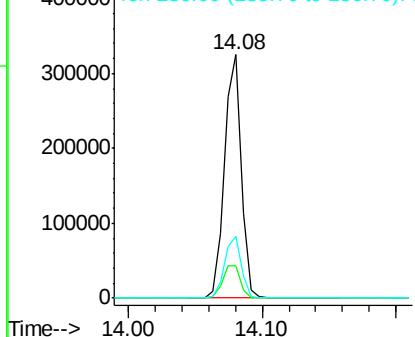


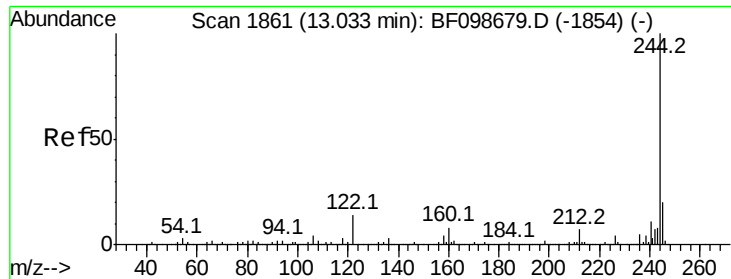
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF098782.D
 Acq: 25 Sep 2017 14:40

Tgt Ion:240 Resp: 290242
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.5 14.3
 236 25.7 20.7 31.1



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: 57.740 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098782.D

Acq: 25 Sep 2017 14:40

Instrument :

BNA_F

ClientSampleId :

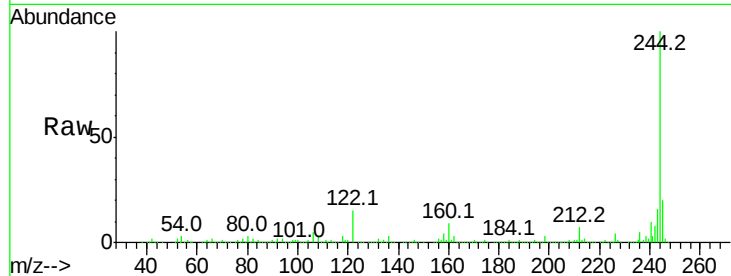
Tot Ion:244 Resp: 736896

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

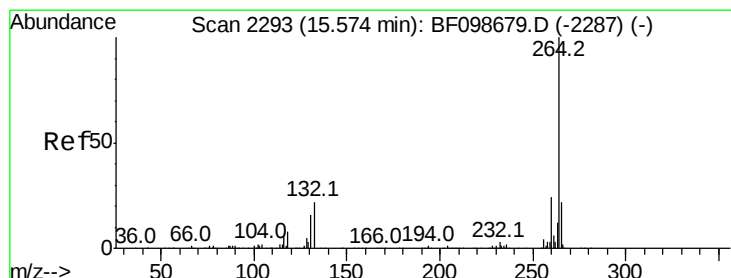
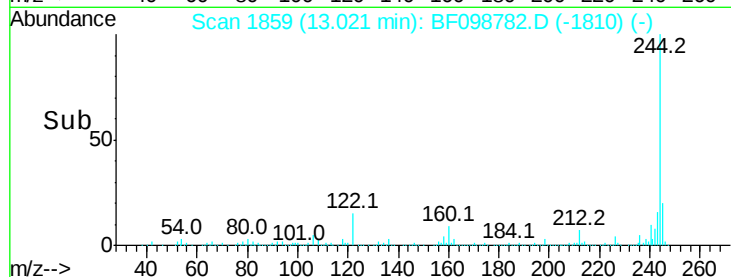
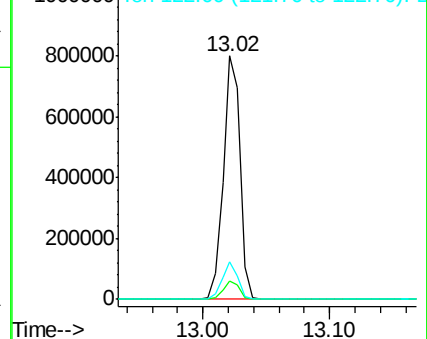
122 15.2 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098782.D

Acq: 25 Sep 2017 14:40

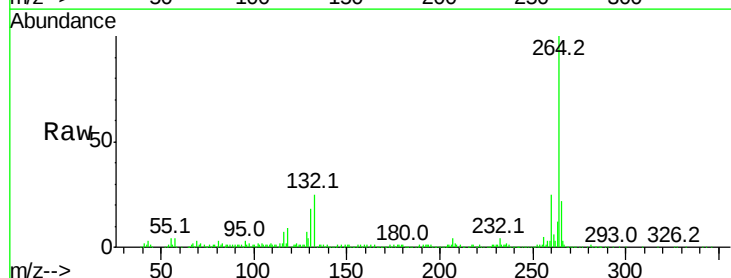
Tgt Ion:264 Resp: 217432

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

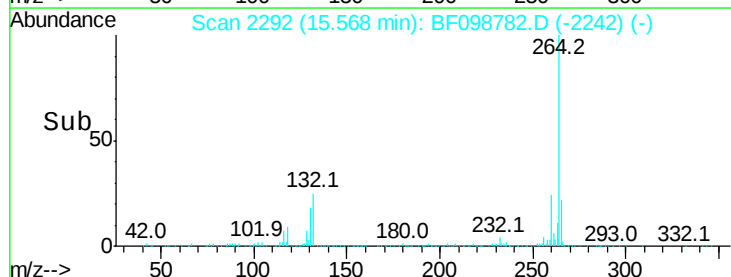
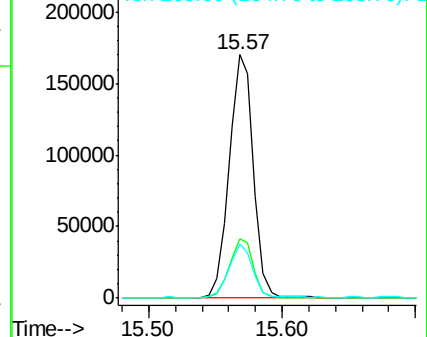
265 22.2 17.5 26.3

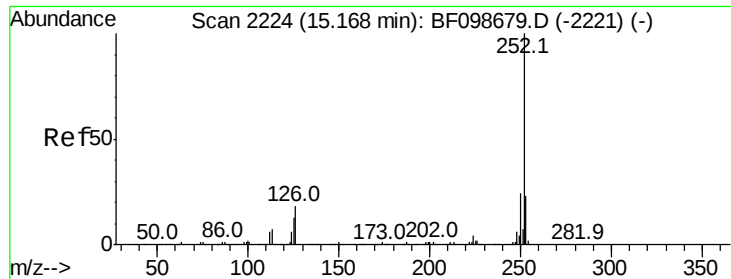


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(k)fluoranthene

Concen: 2.017 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.04 min

Lab File: BF098782.D

Acq: 25 Sep 2017 14:40

Instrument :

BNA_F

ClientSampleId :

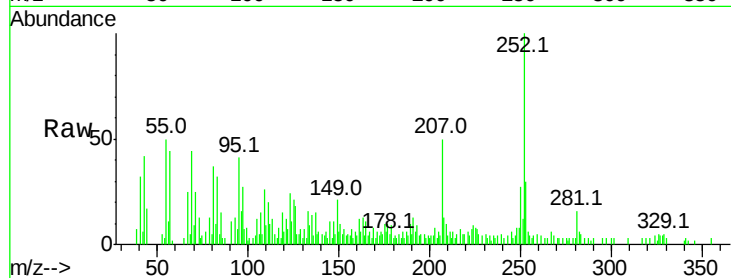
Tot Ion:252 Resp: 26637

Ion Ratio Lower Upper

252 100

253 29.5 17.9 26.9#

125 21.5 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

