

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099082.D
 Acq On : 4 Oct 2017 22:24
 Operator : SJ/JU
 Sample : I5644-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 01:11:36 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

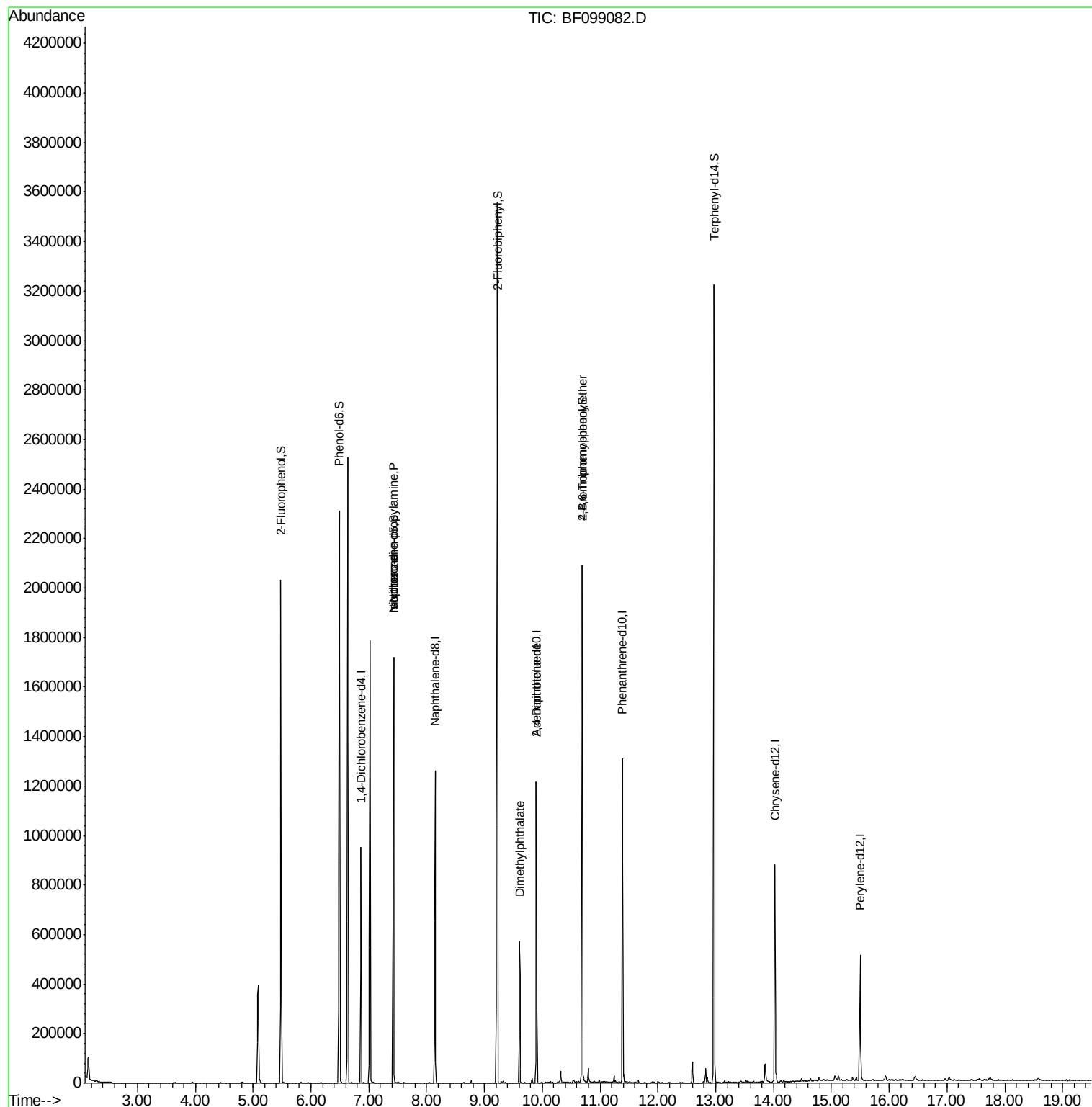
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	130778	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	537431	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	244399	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	430338	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	287148	20.00	ng	-0.06
86) Perylene-d12	15.50	264	217735	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	630900	76.80	ng	-0.05
7) Phenol-d6	6.49	99	939870	92.74	ng	-0.05
23) Nitrobenzene-d5	7.43	82	579575	69.16	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	272009	136.01	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1138209	77.75	ng	-0.06
78) Terphenyl-d14	12.97	244	1101930	87.27	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	74826	11.56	ng	# 74
25) Isophorone	7.43	82	576296	33.26	ng	# 64
49) Dimethylphthalate	9.61	163	215648	11.69	ng	100
56) 2,4-Dinitrotoluene	9.90	165	31653	6.07	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	18380	4.36	ng	# 1

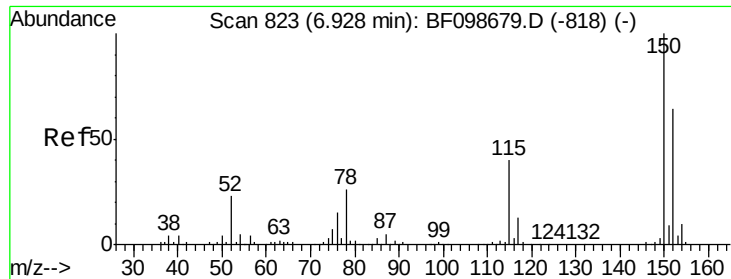
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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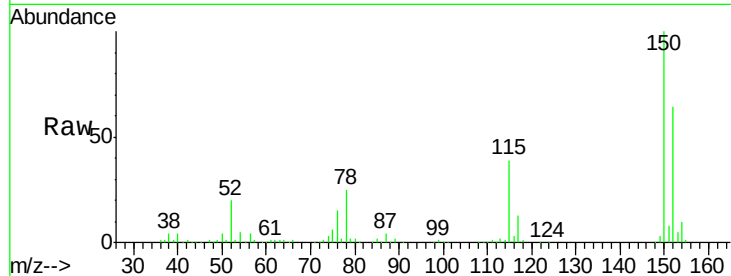


#1

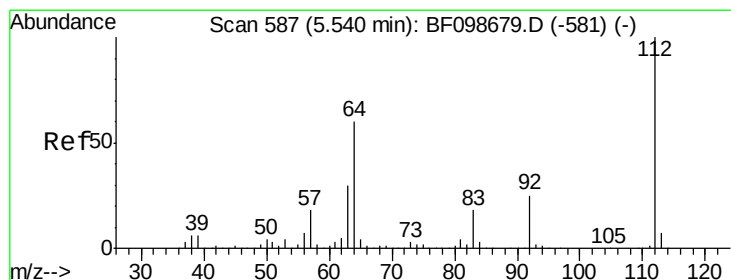
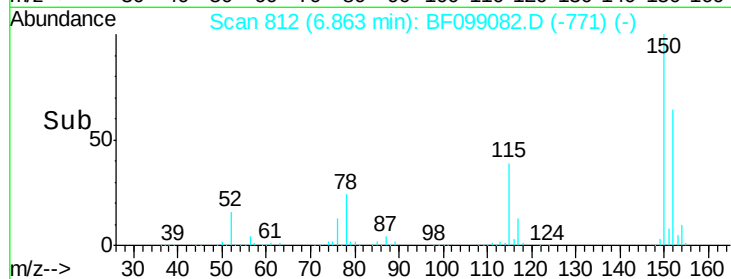
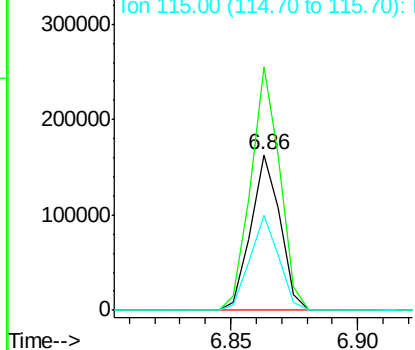
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.06 min
 Lab File: BF099082.D
 Acq: 4 Oct 2017 22:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 130778
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.6 186.8
 115 61.1 50.1 75.1



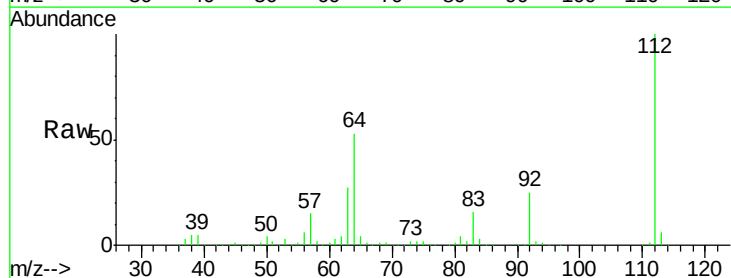
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



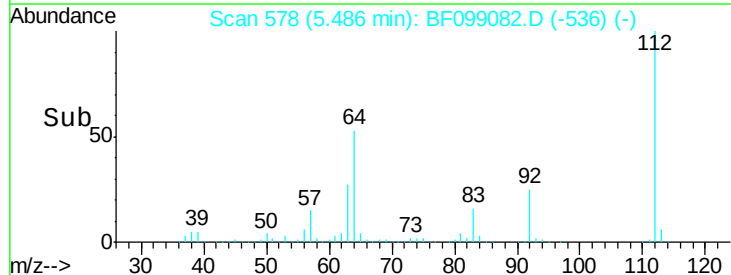
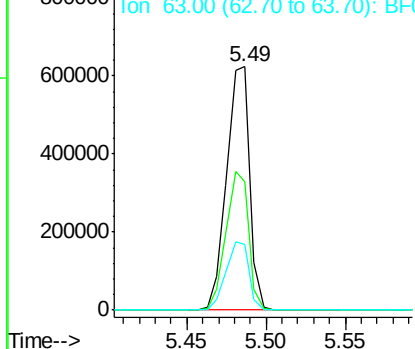
#5

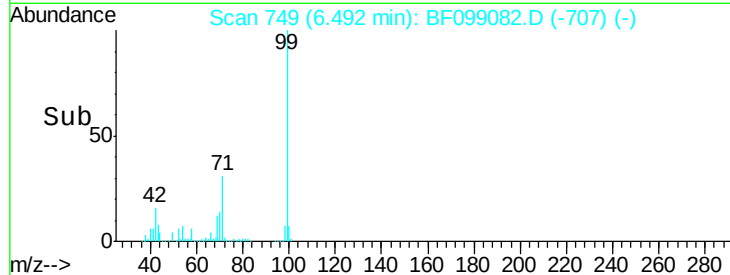
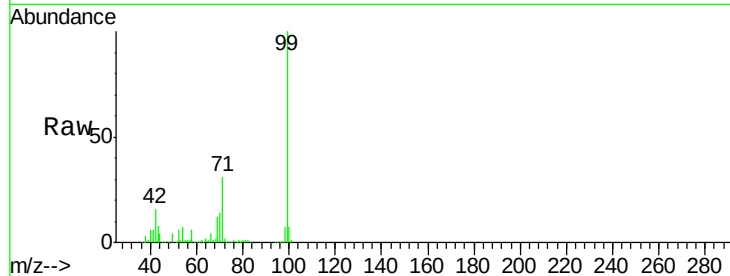
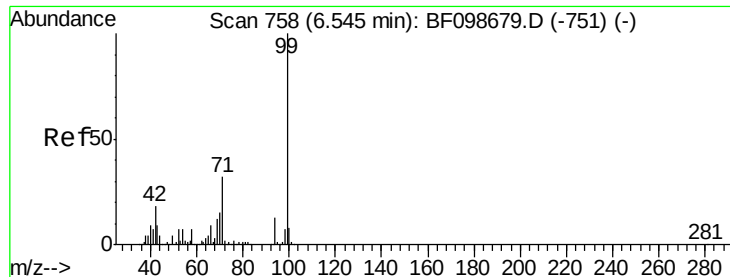
2-Fluorophenol
 Concen: 76.80 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.05 min
 Lab File: BF099082.D
 Acq: 4 Oct 2017 22:24

Tgt Ion:112 Resp: 630900
 Ion Ratio Lower Upper
 112 100
 64 52.9 47.9 71.9
 63 26.7 23.7 35.5



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: 92.74 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.05 min

Lab File: BF099082.D

Acq: 4 Oct 2017 22:24

Instrument :

BNA_F

ClientSampled :

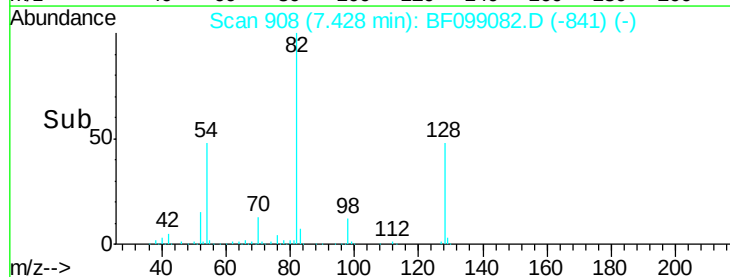
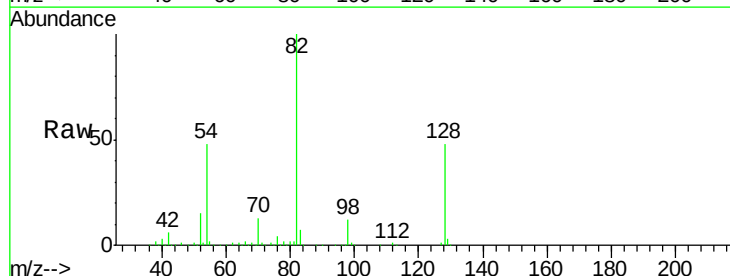
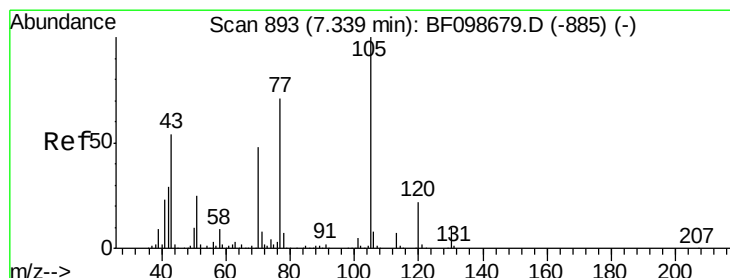
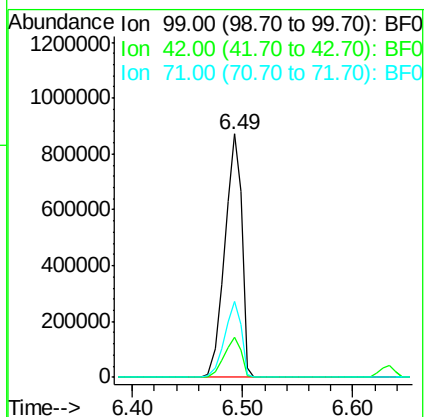
Tot Ion: 99 Resp: 939870

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

71 31.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.56 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.09 min

Lab File: BF099082.D

Acq: 4 Oct 2017 22:24

Tgt Ion: 70 Resp: 74826

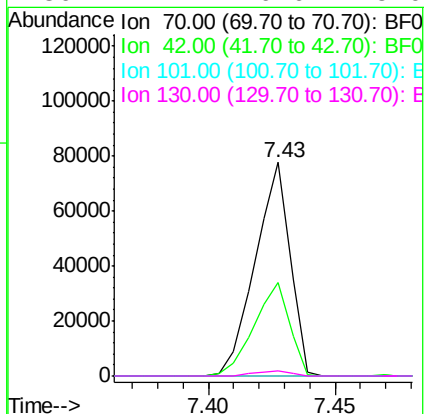
Ion Ratio Lower Upper

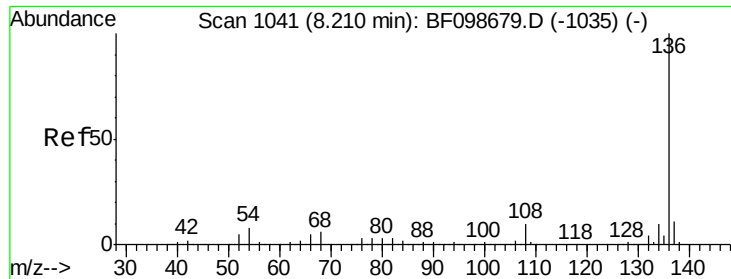
70 100

42 44.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

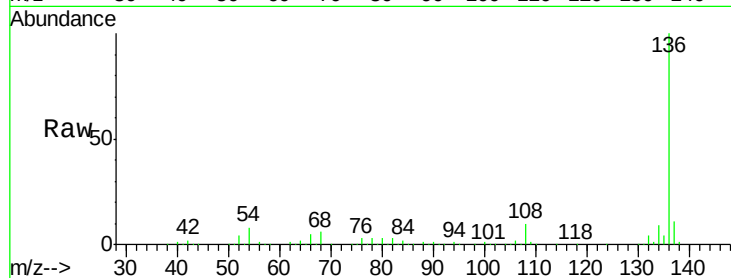




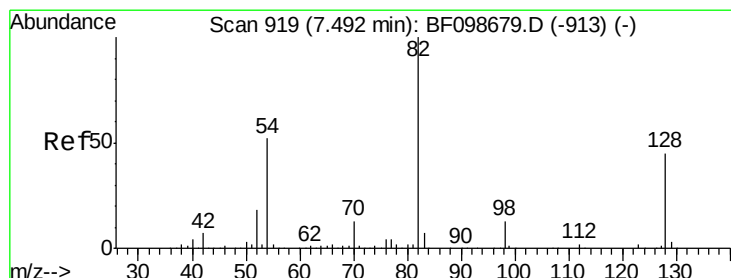
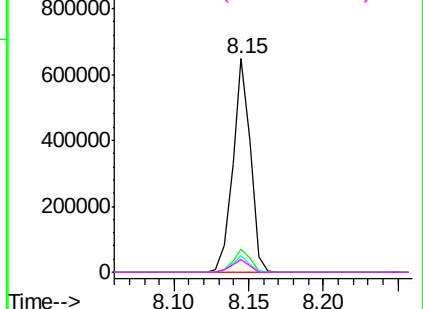
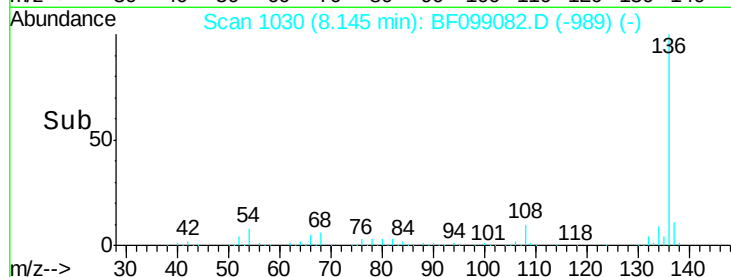
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099082.D
Acq: 4 Oct 2017 22:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	537431	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.9	13.3	
54 7.7	6.6	9.8	
68 6.1	5.0	7.4	

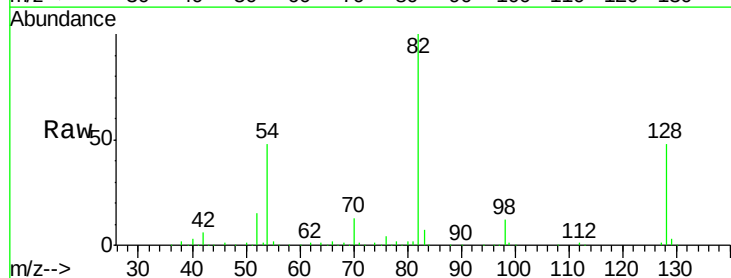


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

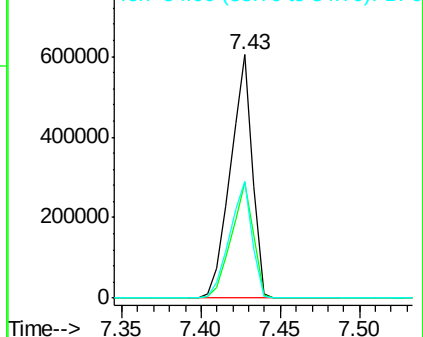
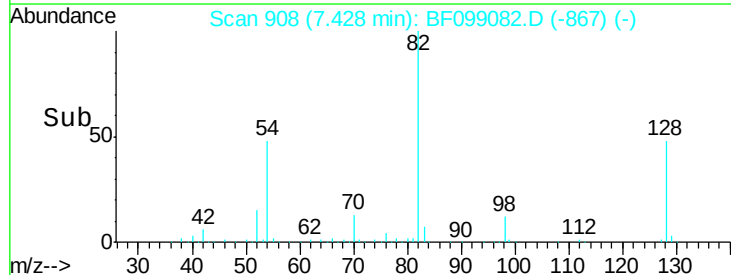


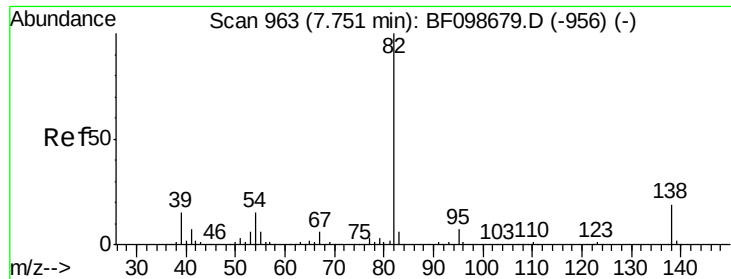
#23
Nitrobenzene-d5
Concen: 69.16 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF099082.D
Acq: 4 Oct 2017 22:24

Tgt	Ion: 82	Resp:	579575
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	47.8	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

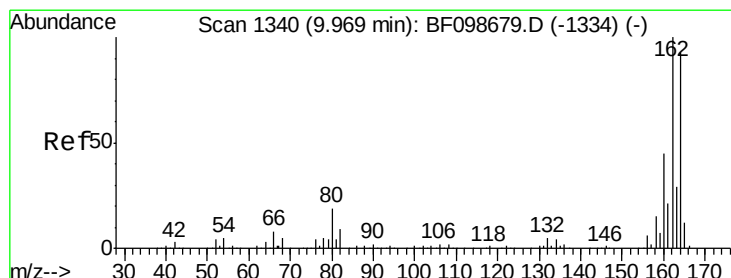
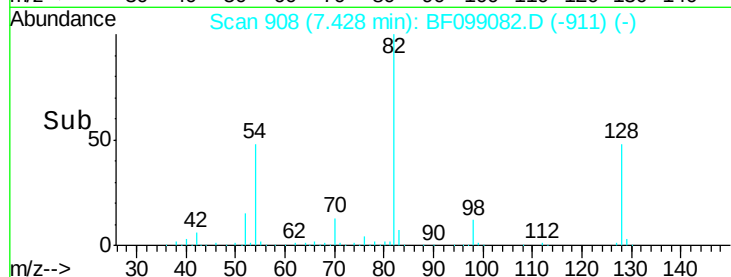
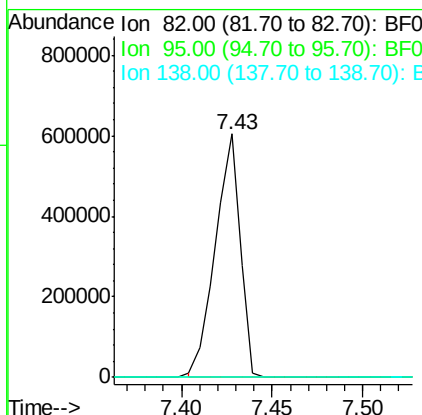
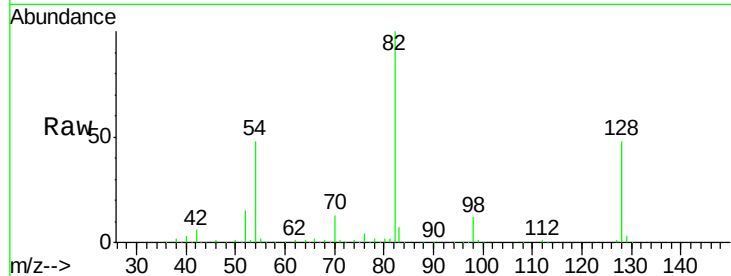




#25
Isophorone
Concen: 33.26 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.32 min
Lab File: BF099082.D
Acq: 4 Oct 2017 22:24

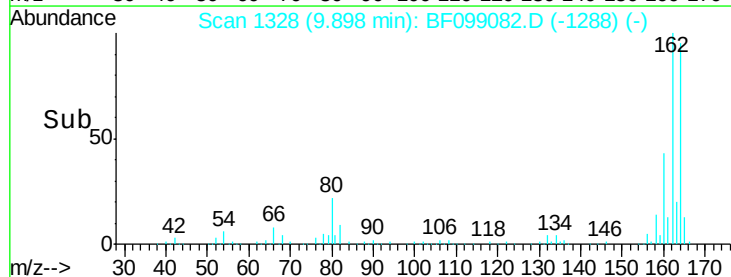
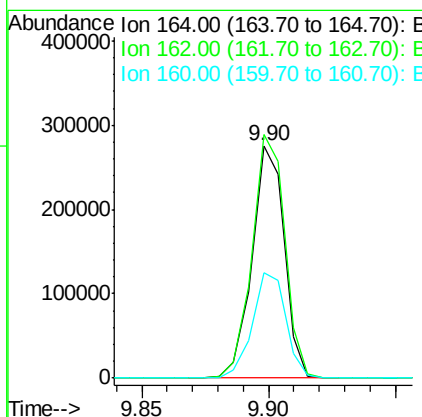
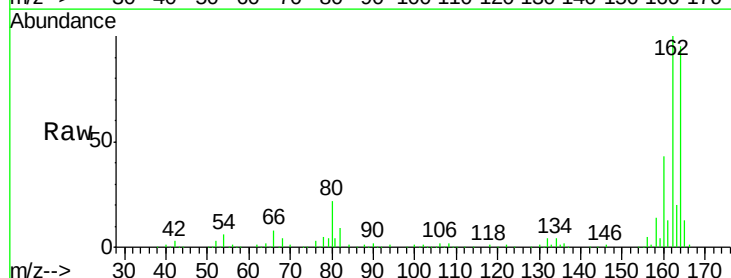
Instrument :
BNA_F
ClientSampleId :

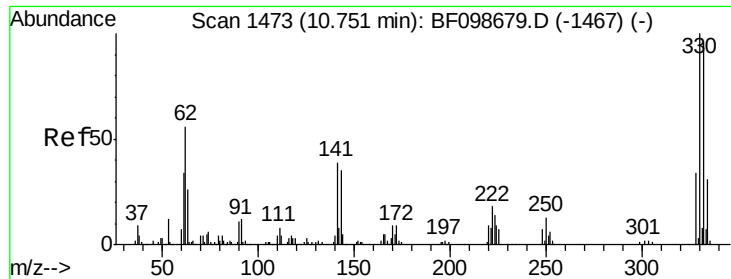
Tot Ion: 82 Resp: 576296
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.06 min
Lab File: BF099082.D
Acq: 4 Oct 2017 22:24

Tgt Ion:164 Resp: 244399
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 45.2 38.3 57.5

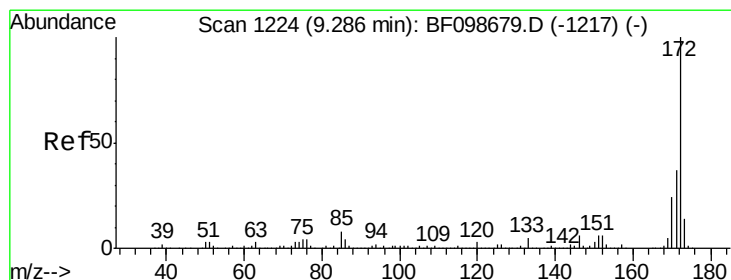
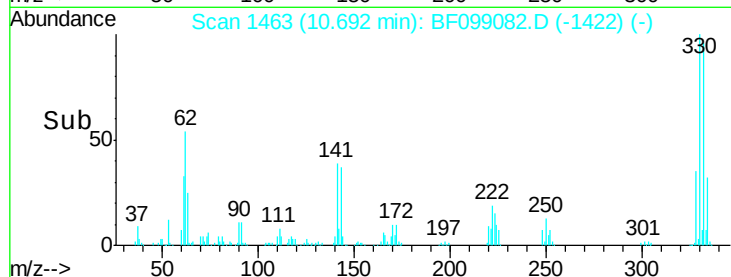
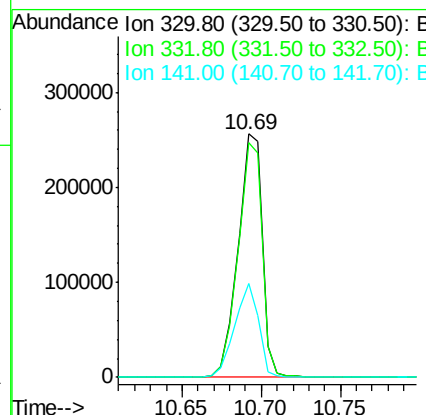
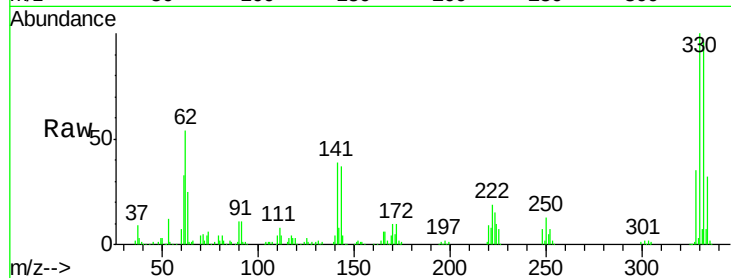




#41
 2,4,6-Tribromophenol
 Concen: 136.01 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF099082.D
 Acq: 4 Oct 2017 22:24

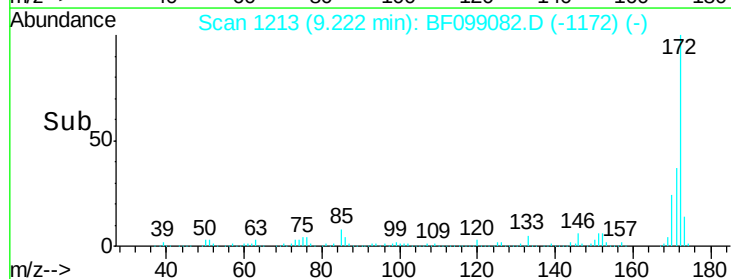
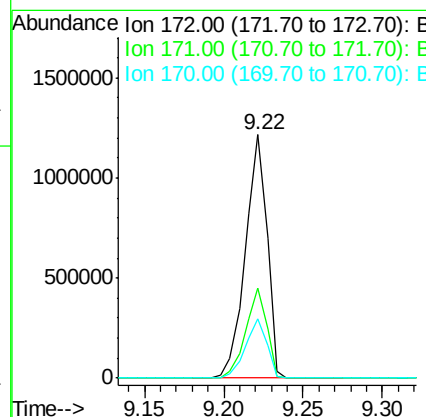
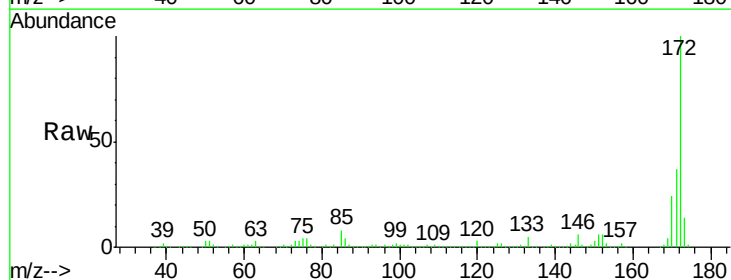
Instrument :
 BNA_F
 ClientSampleId :

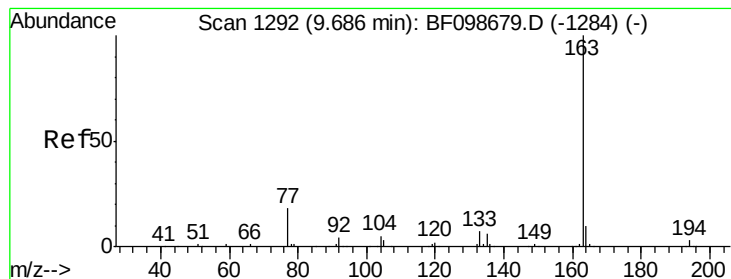
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	38.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 77.75 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.06 min
 Lab File: BF099082.D
 Acq: 4 Oct 2017 22:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.4	19.6	29.4





#49

Dimethylphthalate

Concen: 11.69 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.07 min

Lab File: BF099082.D

Acq: 4 Oct 2017 22:24

Instrument :

BNA_F

ClientSampleId :

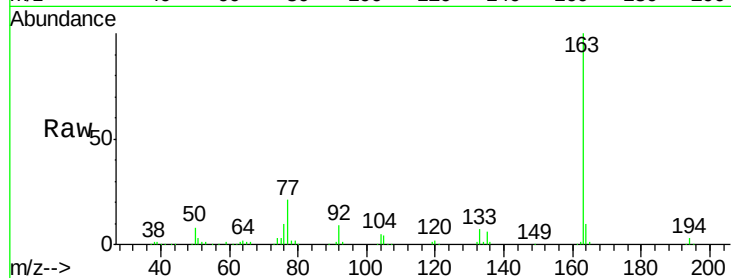
Tot Ion:163 Resp: 215648

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

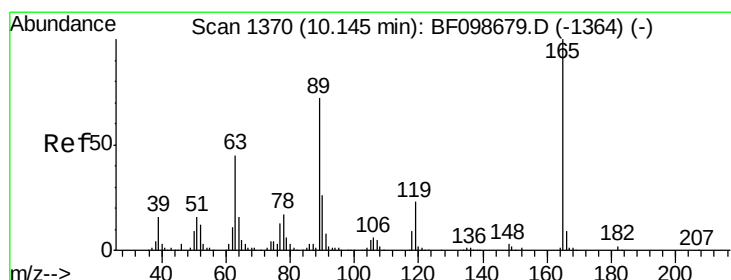
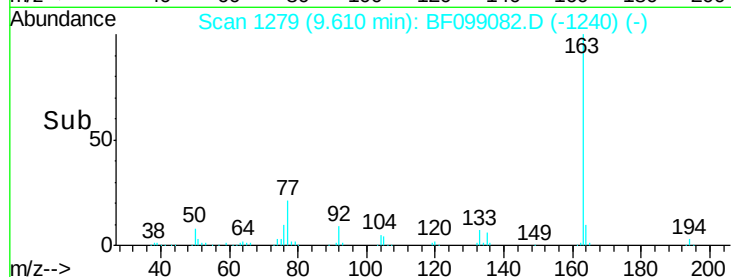
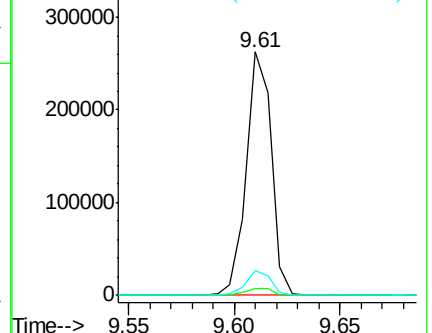
164 10.3 8.2 12.2



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: 6.07 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.25 min

Lab File: BF099082.D

Acq: 4 Oct 2017 22:24

Tgt Ion:165 Resp: 31653

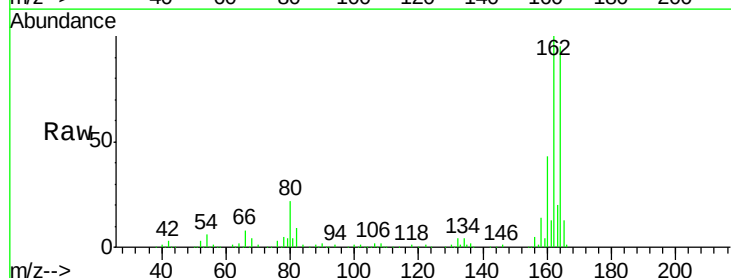
Ion Ratio Lower Upper

165 100

63 1.0 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

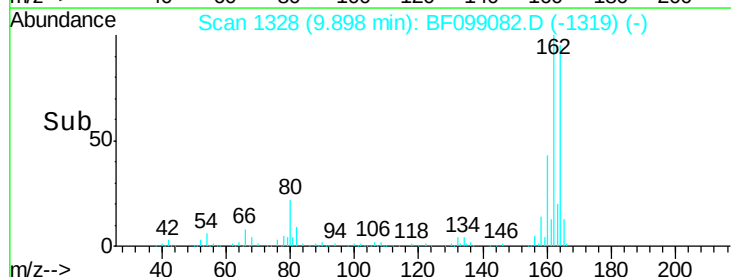
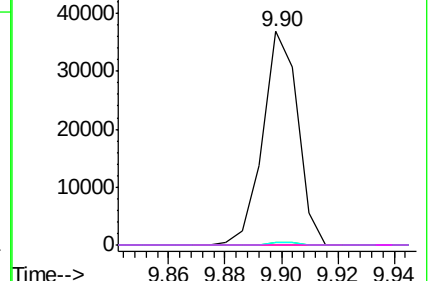


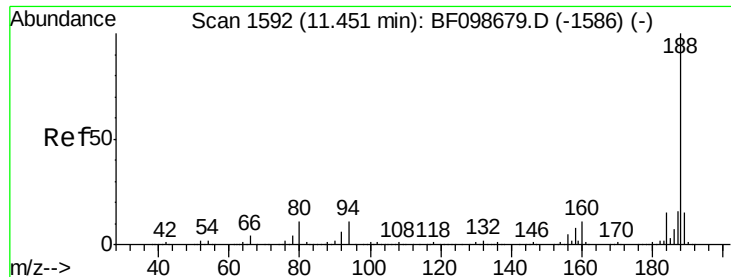
Abundance Ion 165.00 (164.70 to 165.70): E

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

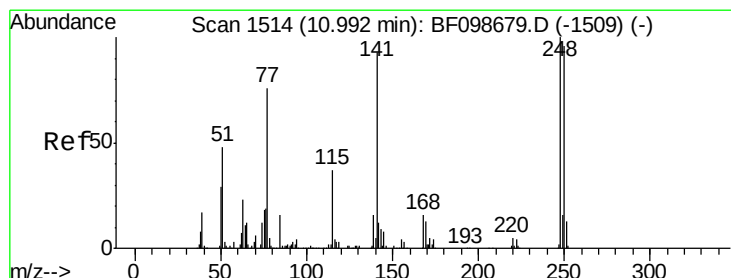
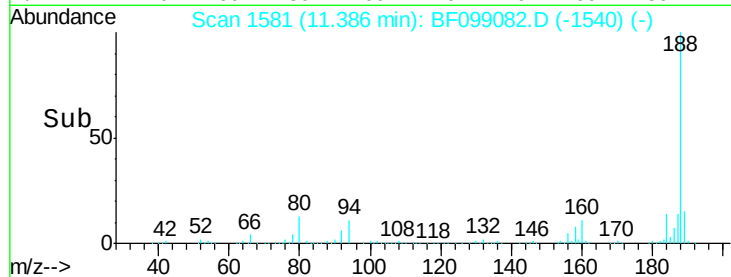
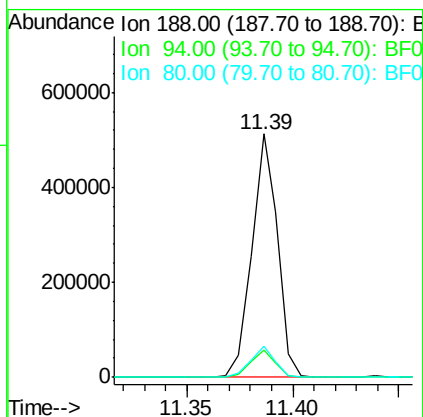
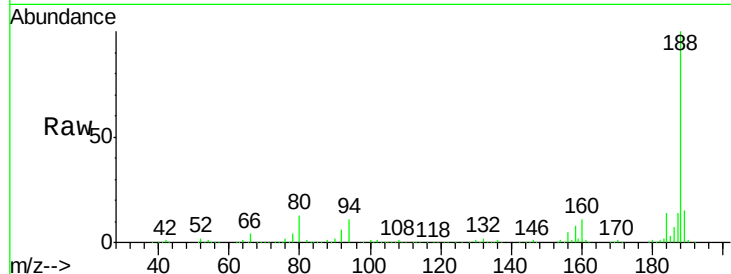




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.06 min
Lab File: BF099082.D
Acq: 4 Oct 2017 22:24

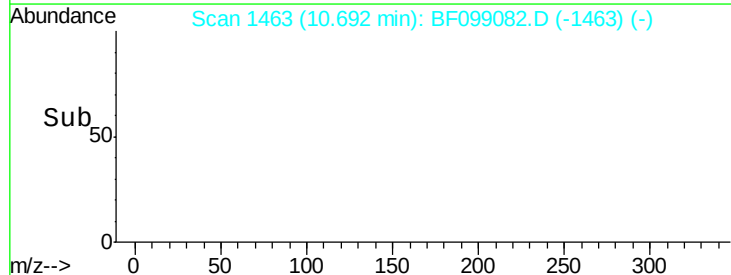
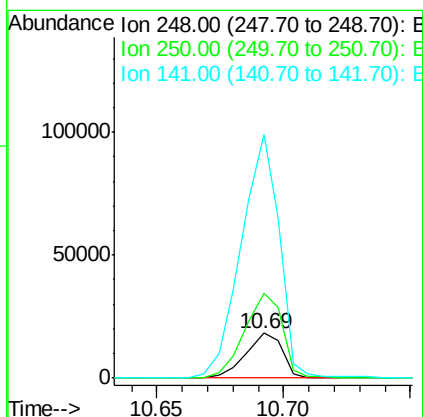
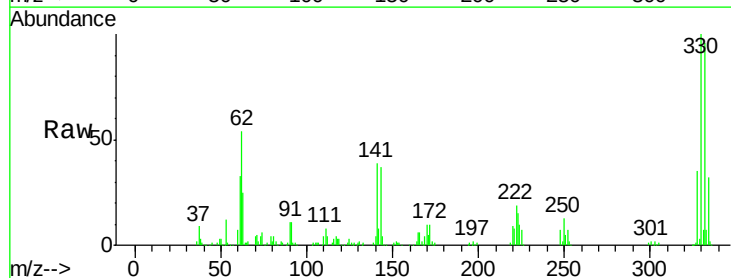
Instrument :
BNA_F
ClientSampleId :

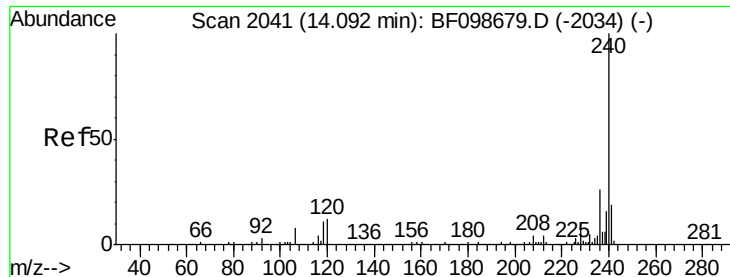
Tot Ion:188 Resp: 430338
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.30 min
Lab File: BF099082.D
Acq: 4 Oct 2017 22:24

Tgt Ion:248 Resp: 18380
Ion Ratio Lower Upper
248 100
250 188.2 76.9 115.3#
141 543.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.06 min

Lab File: BF099082.D

Acq: 4 Oct 2017 22:24

Instrument :

BNA_F

ClientSampleId :

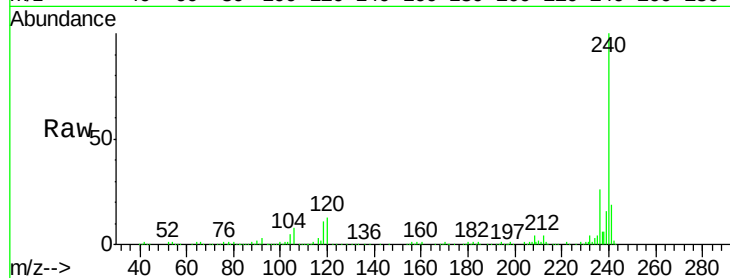
Tot Ion:240 Resp: 287148

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

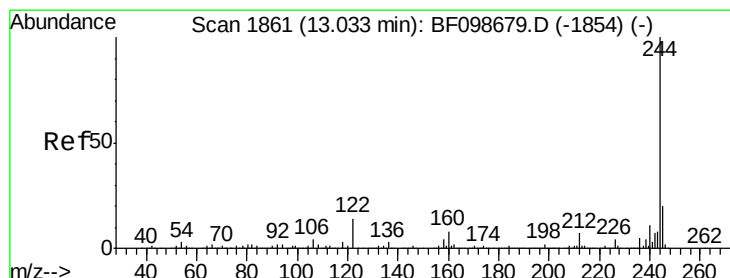
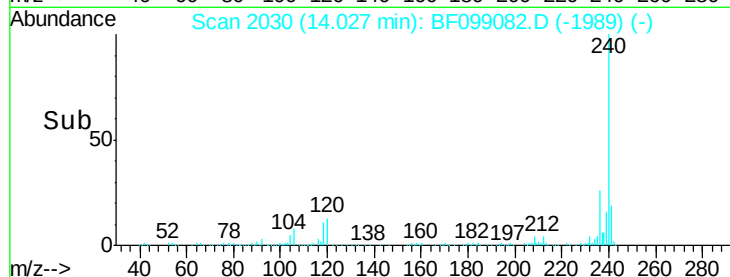
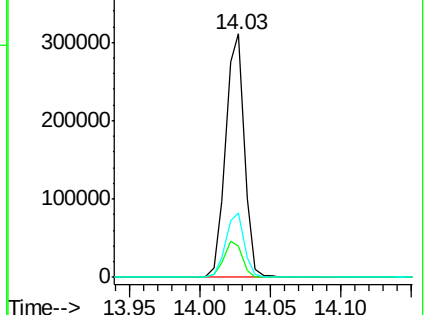
236 26.2 20.7 31.1



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: 87.27 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099082.D

Acq: 4 Oct 2017 22:24

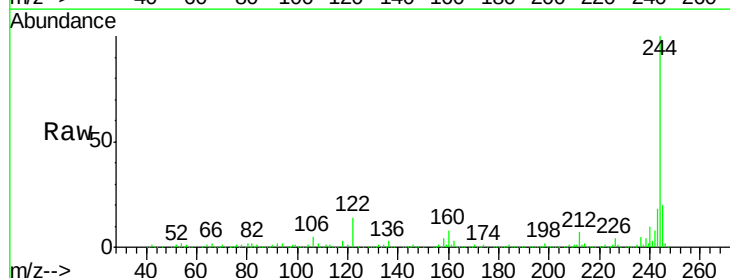
Tgt Ion:244 Resp: 1101930

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

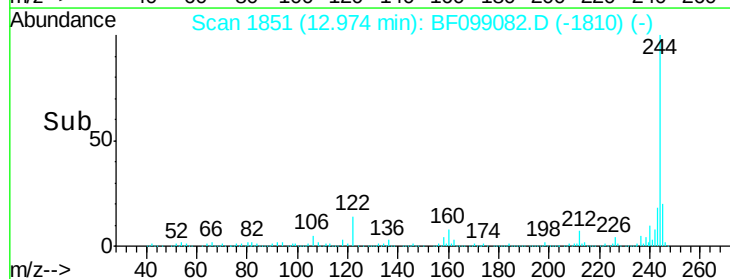
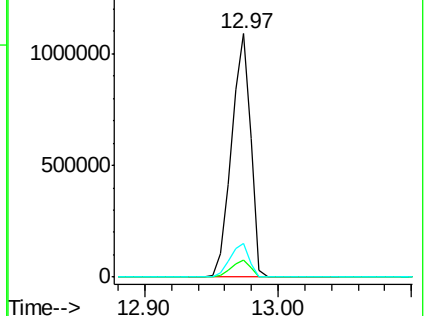
122 13.8 11.0 16.4

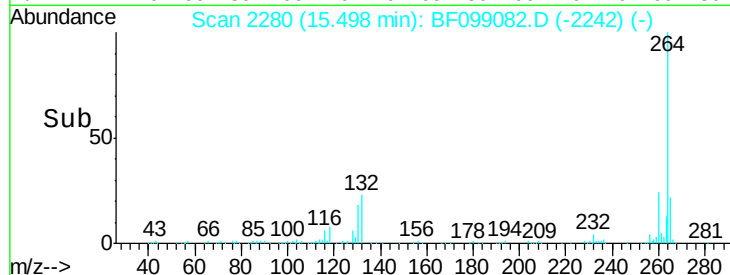
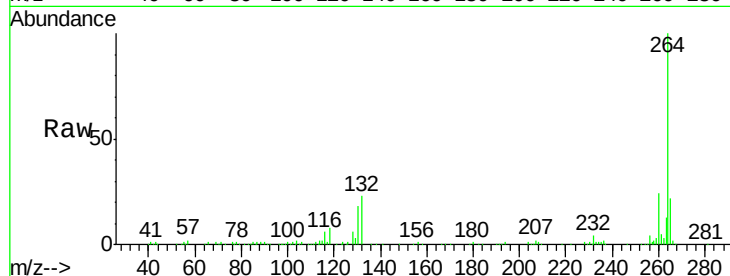
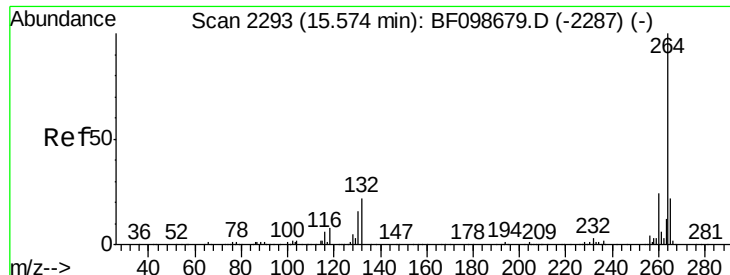


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.08 min
 Lab File: BF099082.D
 Acq: 4 Oct 2017 22:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	17.5	26.3

