

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099079.D
 Acq On : 4 Oct 2017 21:00
 Operator : SJ/JU
 Sample : I5616-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 01:10:48 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

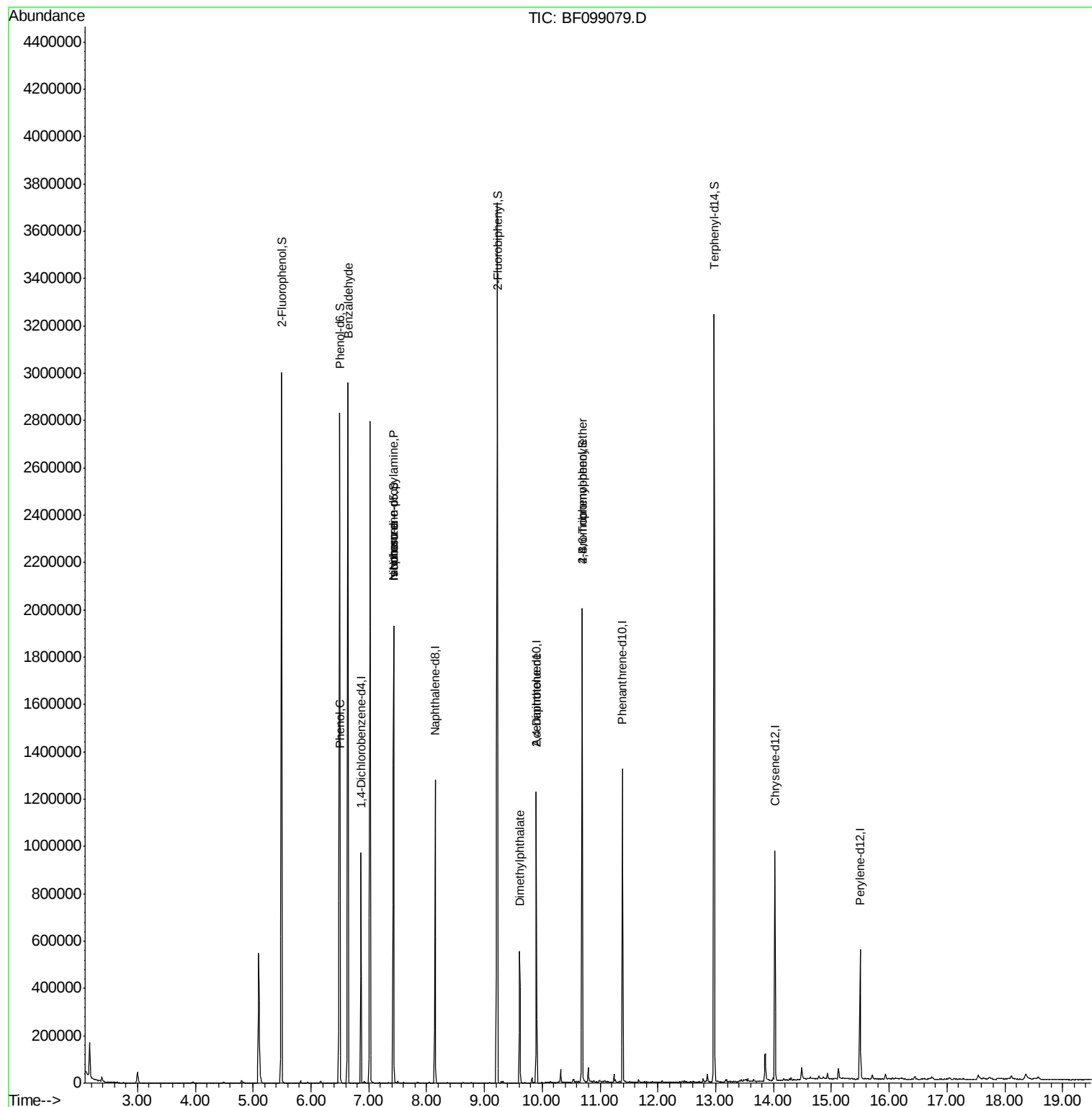
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132680	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	544260	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	247774	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	439813	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	301374	20.00	ng	-0.06
86) Perylene-d12	15.50	264	226749	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	975719	117.07	ng	-0.05
7) Phenol-d6	6.50	99	1173987	114.18	ng	-0.05
23) Nitrobenzene-d5	7.43	82	713546	84.08	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	246116	121.39	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1250238	84.24	ng	-0.06
78) Terphenyl-d14	12.97	244	1105675	83.44	ng	-0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.64	77	19599	3.29	ng	85
10) Phenol	6.51	94	28744	2.50	ng	90
19) n-Nitroso-di-n-propylamine	7.43	70	90731	13.82	ng	# 76
25) Isophorone	7.43	82	709445	40.43	ng	# 64
49) Dimethylphthalate	9.61	163	213338	11.41	ng	99
56) 2,4-Dinitrotoluene	9.90	165	30954	5.86	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	16361	3.80	ng	# 1

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

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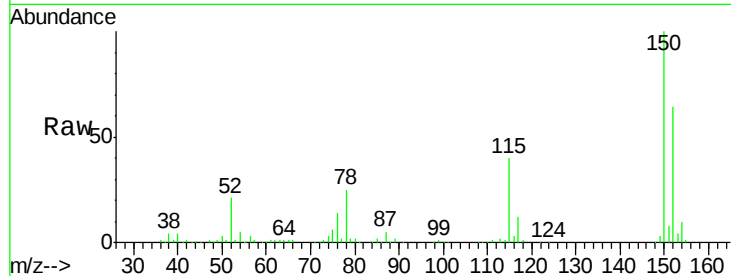


#1

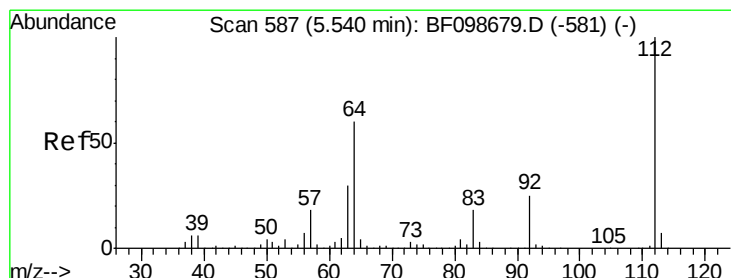
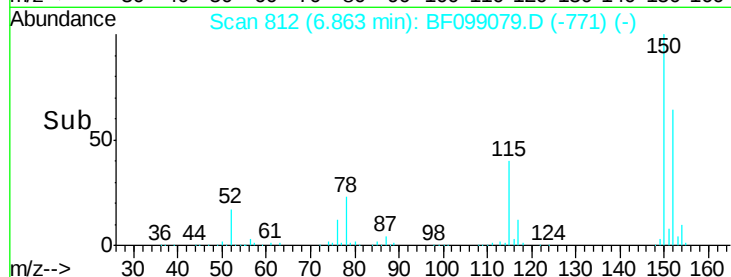
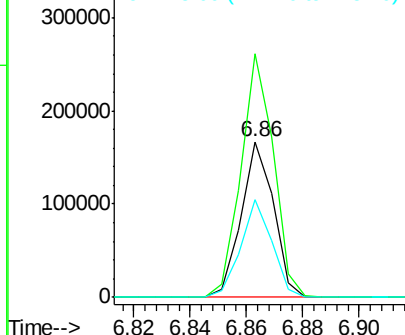
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF099079.D
Acq: 4 Oct 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132680
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 63.1 50.1 75.1



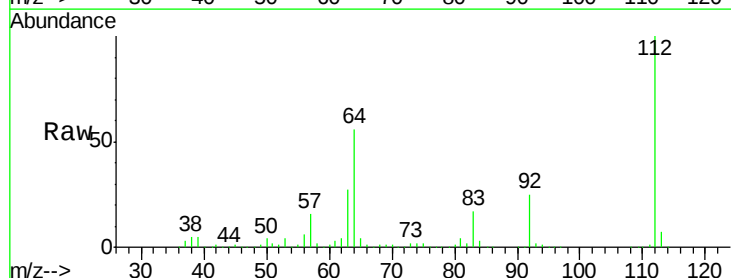
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



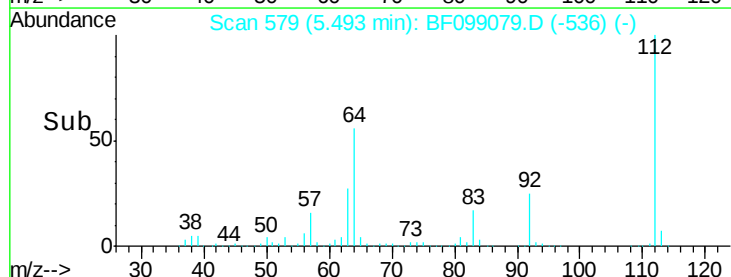
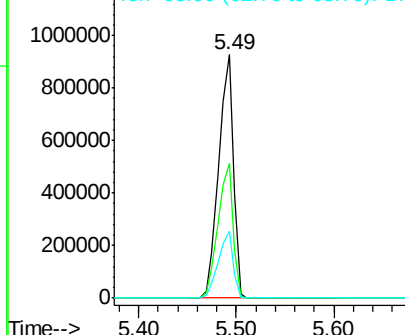
#5

2-Fluorophenol
Concen: 117.07 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.05 min
Lab File: BF099079.D
Acq: 4 Oct 2017 21:00

Tgt Ion:112 Resp: 975719
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 27.3 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: 114.18 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099079.D

Acq: 4 Oct 2017 21:00

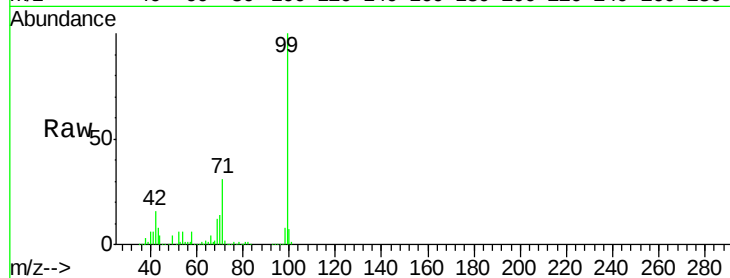
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1173987

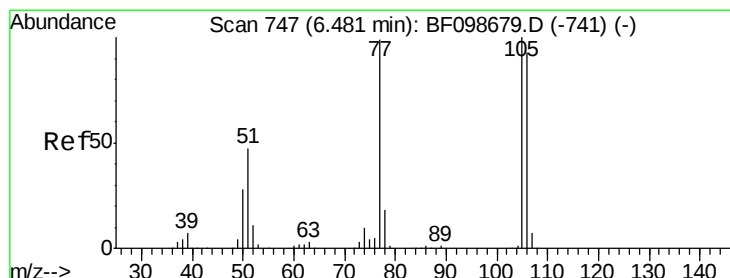
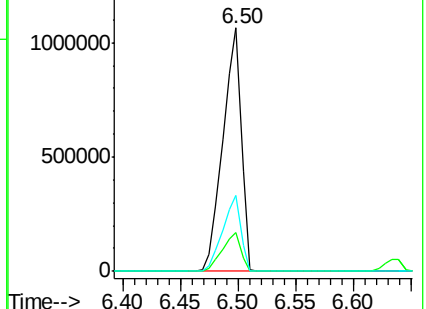
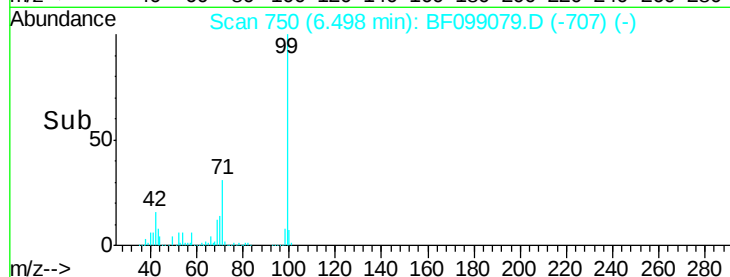
Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	31.1	25.4	38.0



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



#9

Benzaldehyde

Concen: 3.29 ng

RT: 6.64 min Scan# 774

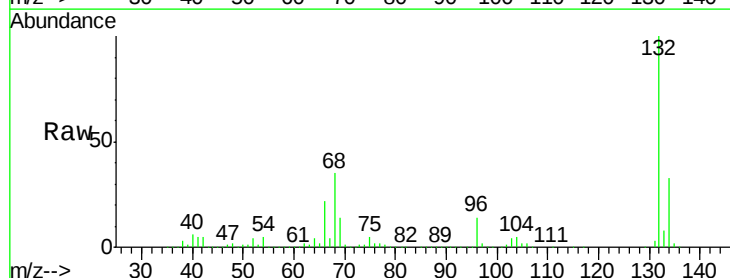
Delta R.T. 0.17 min

Lab File: BF099079.D

Acq: 4 Oct 2017 21:00

Tgt Ion: 77 Resp: 19599

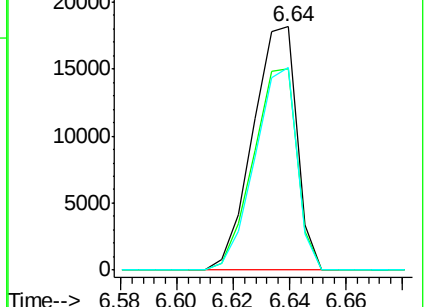
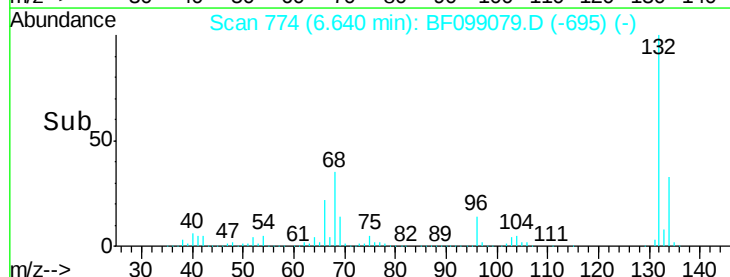
Ion	Ratio	Lower	Upper
77	100		
105	82.6	81.1	121.1
106	83.4	74.5	114.5

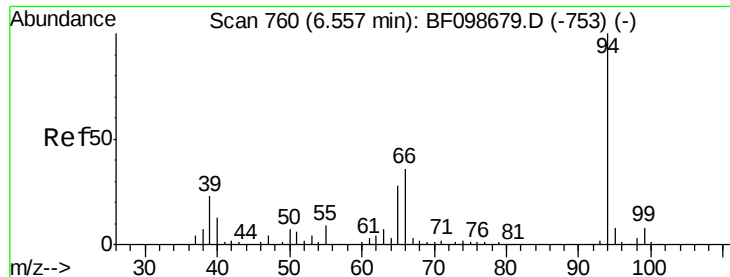


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 2.50 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.05 min

Lab File: BF099079.D

Acq: 4 Oct 2017 21:00

Instrument :

BNA_F

ClientSampleId :

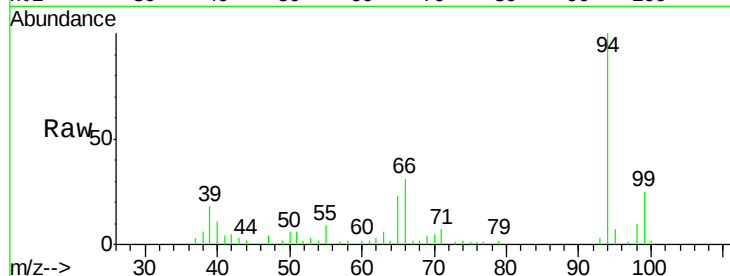
Tot Ion: 94 Resp: 28744

Ion Ratio Lower Upper

94 100

65 22.7 7.9 47.9

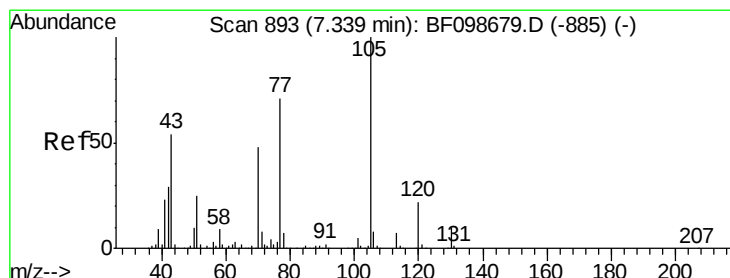
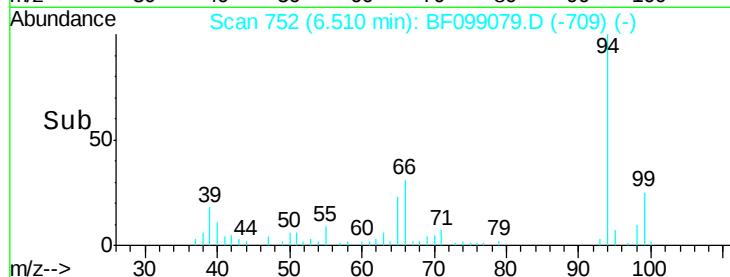
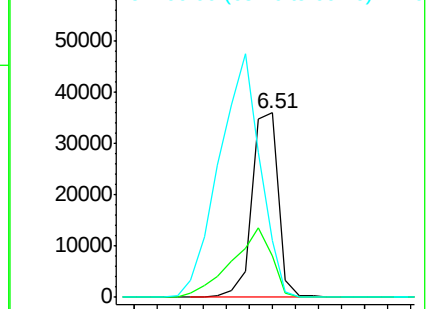
66 30.7 16.2 56.2



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: 13.82 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.09 min

Lab File: BF099079.D

Acq: 4 Oct 2017 21:00

Tgt Ion: 70 Resp: 90731

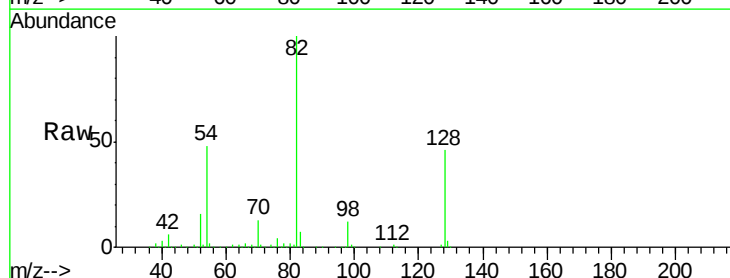
Ion Ratio Lower Upper

70 100

42 45.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

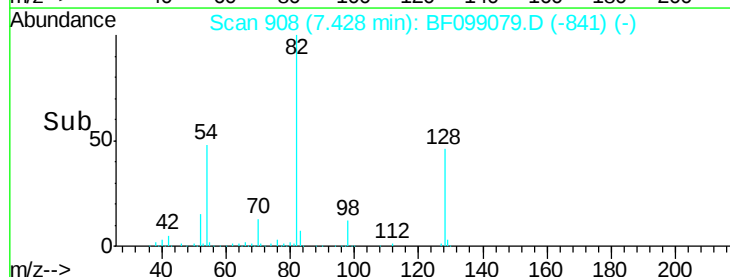
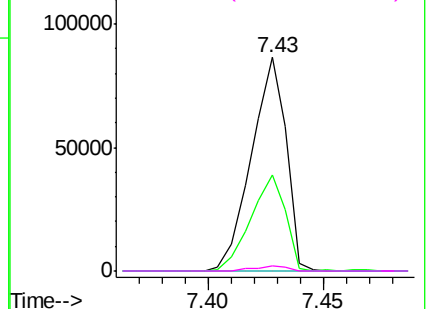


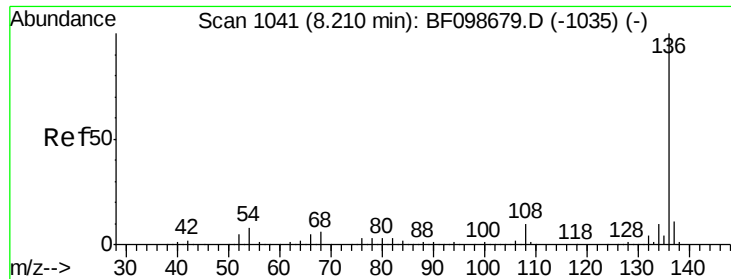
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

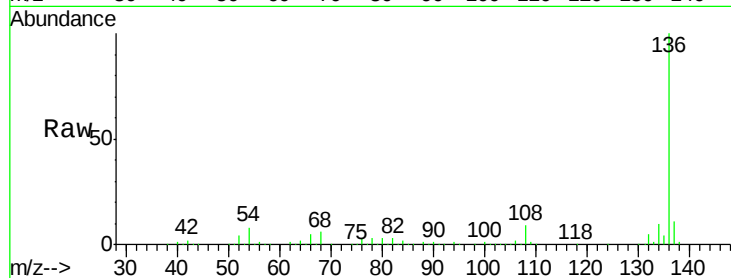




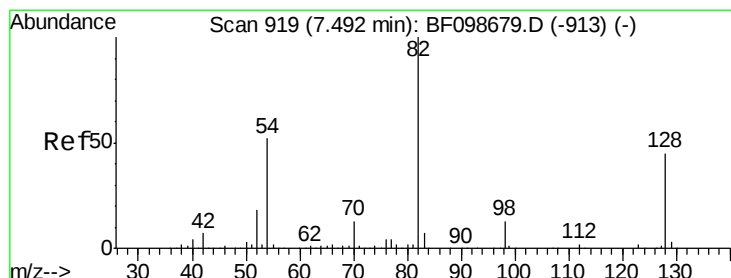
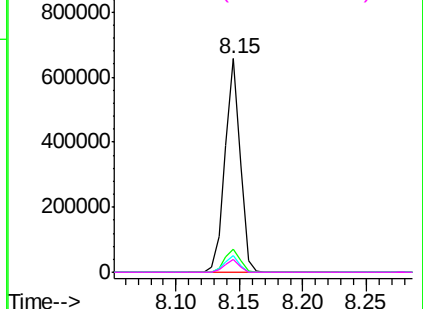
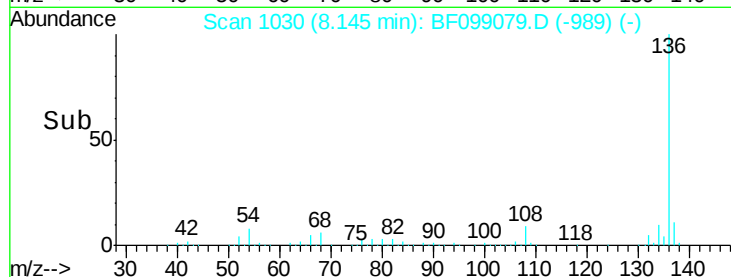
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099079.D
Acq: 4 Oct 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	544260	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.9	13.3	
54 7.7	6.6	9.8	
68 6.0	5.0	7.4	

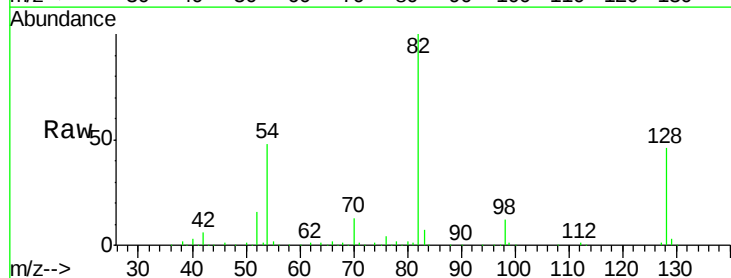


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

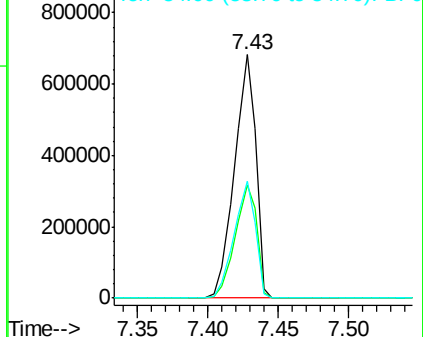
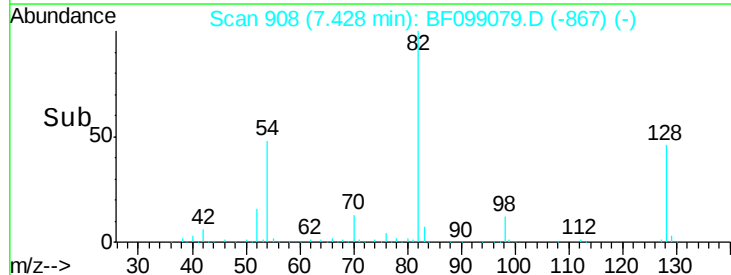


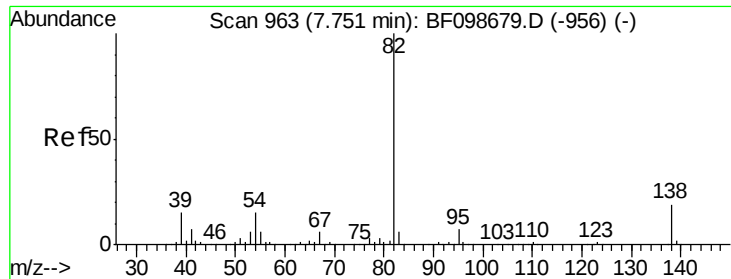
#23
Nitrobenzene-d5
Concen: 84.08 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF099079.D
Acq: 4 Oct 2017 21:00

Tgt Ion: 82	Resp: 713546
Ion Ratio	Lower Upper
82 100	
128 46.4	36.1 54.1
54 48.1	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: 40.43 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.32 min

Lab File: BF099079.D

Acq: 4 Oct 2017 21:00

Instrument :

BNA_F

ClientSampleId :

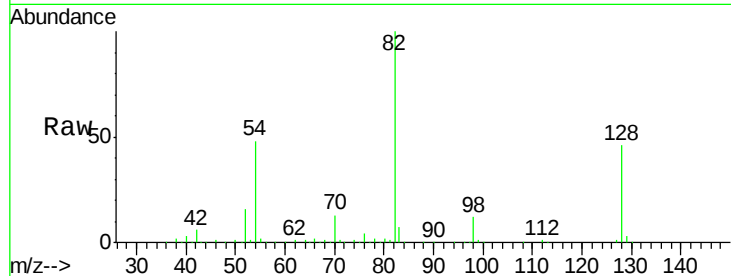
Tot Ion: 82 Resp: 709445

Ion Ratio Lower Upper

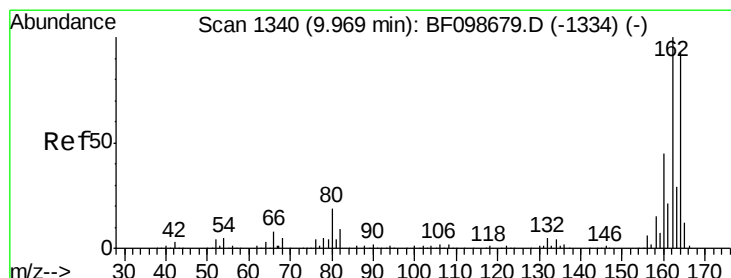
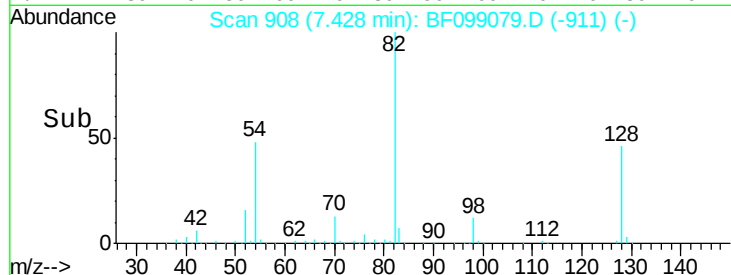
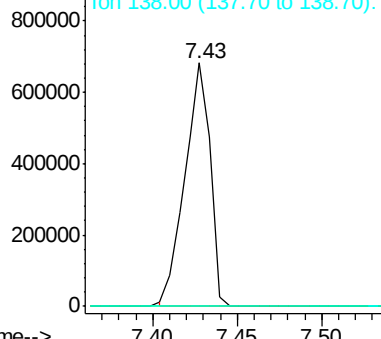
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF099079.D (-911) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF099079.D

Acq: 4 Oct 2017 21:00

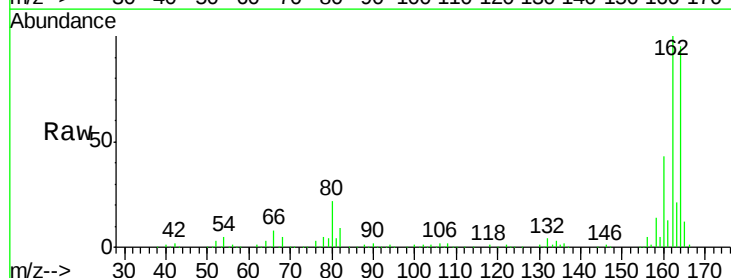
Tgt Ion: 164 Resp: 247774

Ion Ratio Lower Upper

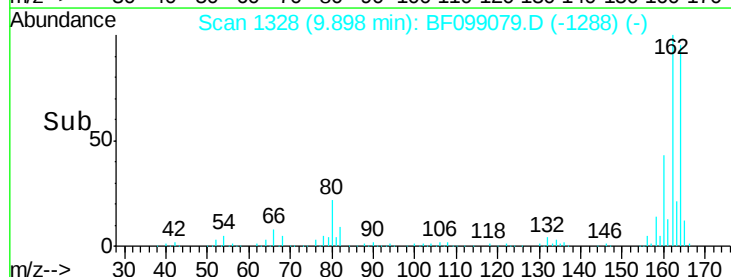
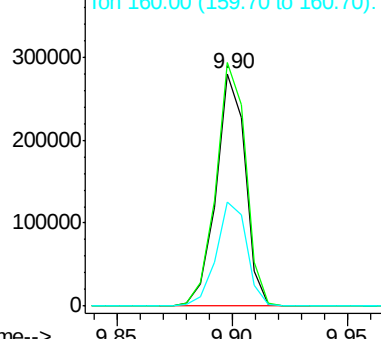
164 100

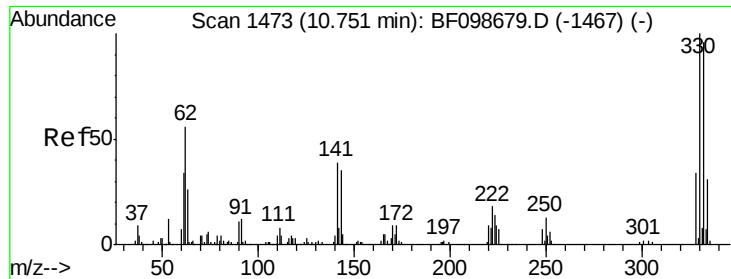
162 104.9 86.1 129.1

160 44.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF099079.D (-1288) (-)

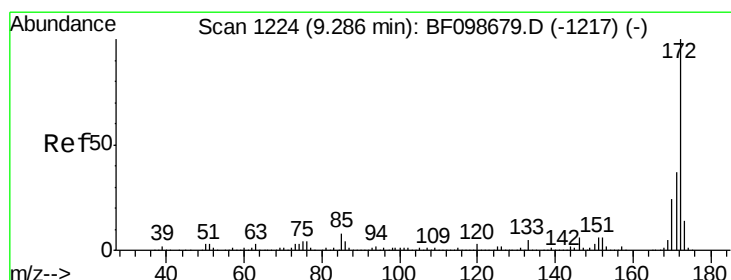
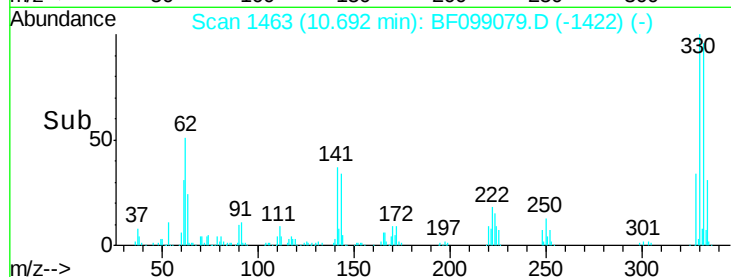
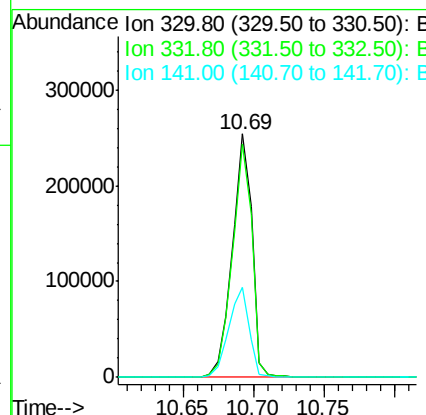
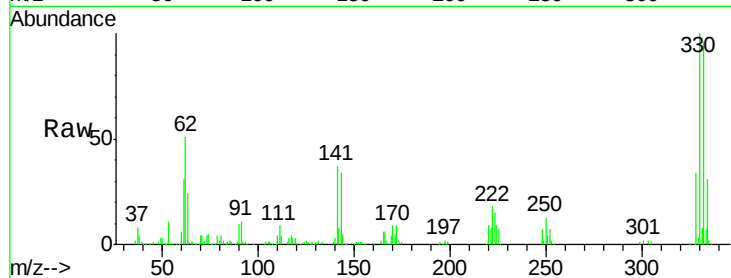




#41
 2,4,6-Tribromophenol
 Concen: 121.39 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF099079.D
 Acq: 4 Oct 2017 21:00

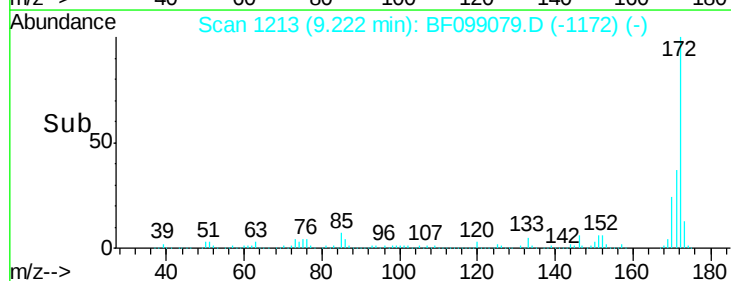
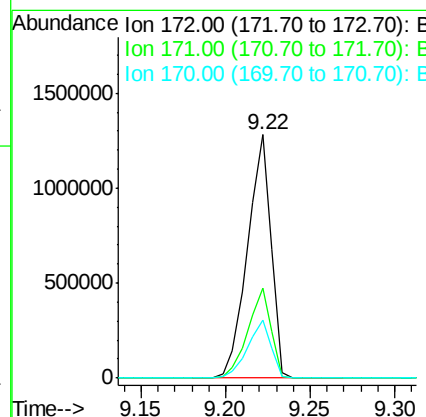
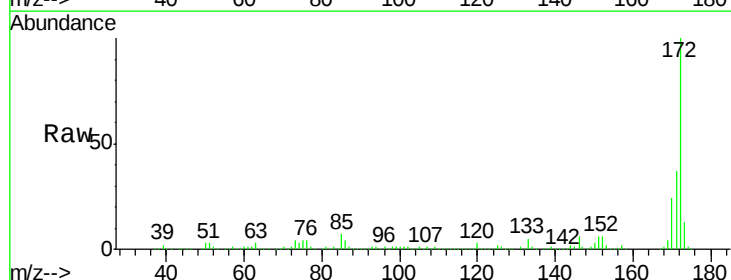
Instrument :
 BNA_F
 ClientSampleId :

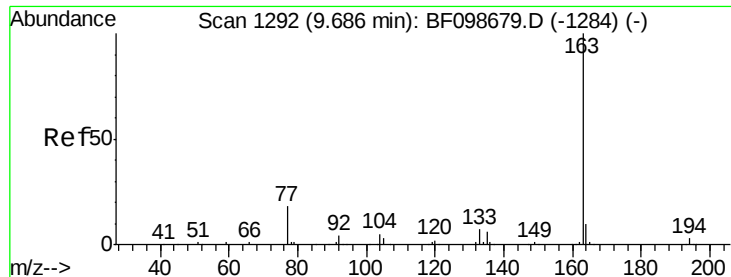
Tot Ion:330 Resp: 246116
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 38.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 84.24 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.06 min
 Lab File: BF099079.D
 Acq: 4 Oct 2017 21:00

Tgt Ion:172 Resp: 1250238
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 23.8 19.6 29.4

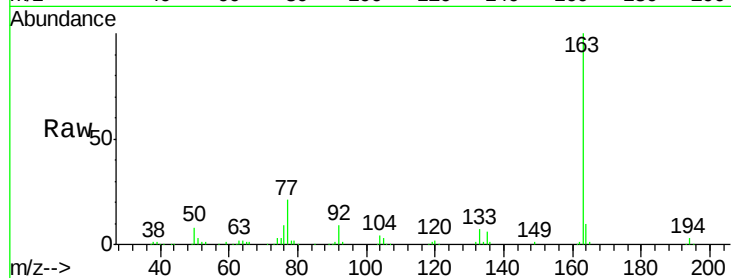




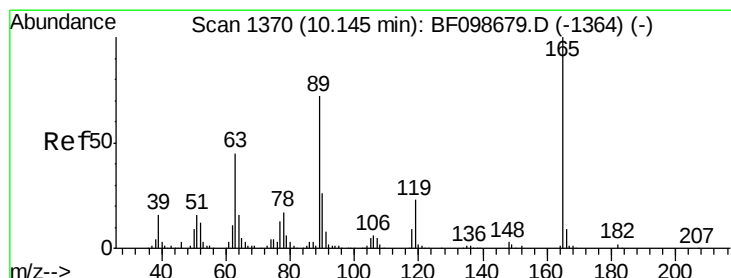
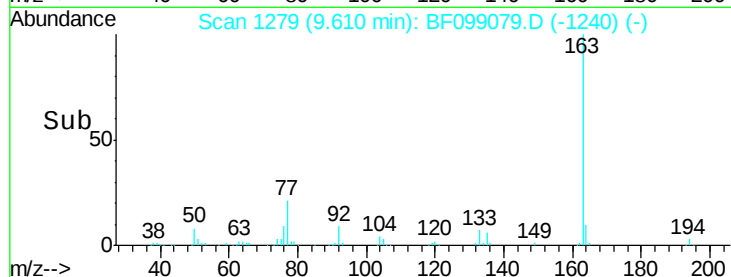
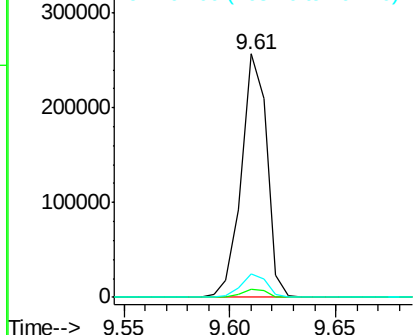
#49
Dimethylphthalate
Concen: 11.41 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BF099079.D
Acq: 4 Oct 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 213338
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.8 8.2 12.2

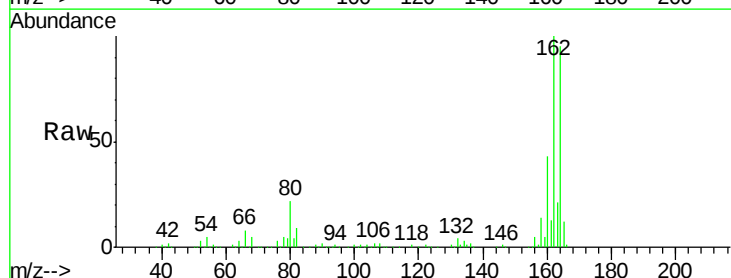


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

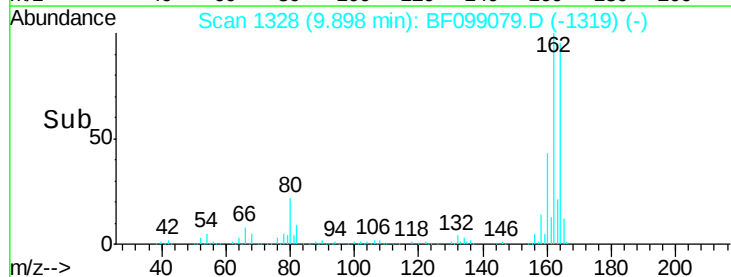
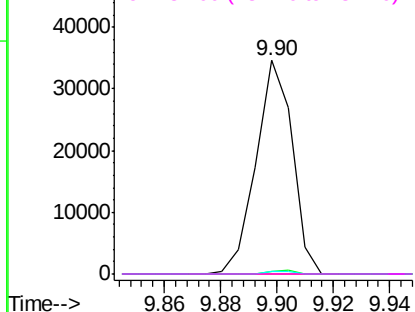


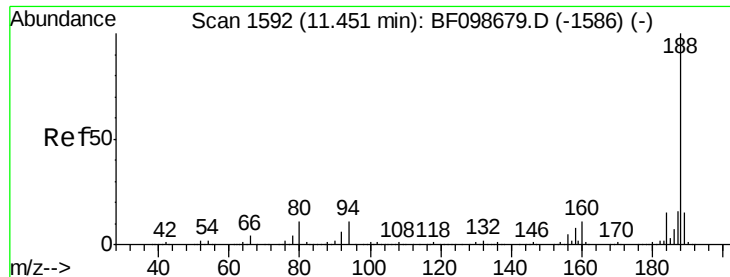
#56
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.25 min
Lab File: BF099079.D
Acq: 4 Oct 2017 21:00

Tgt Ion:165 Resp: 30954
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.5 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

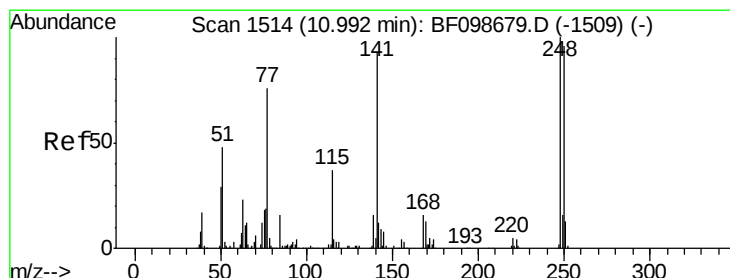
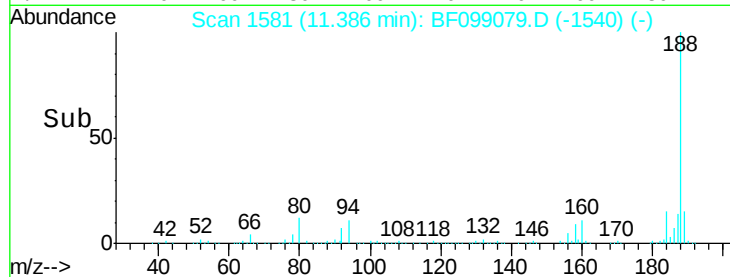
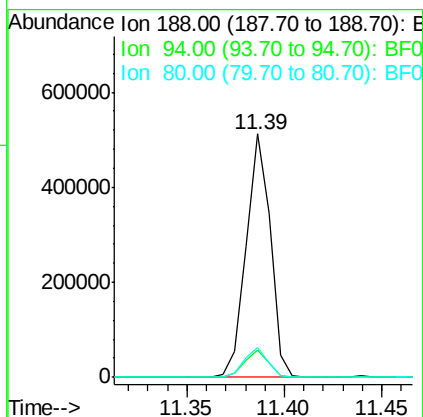
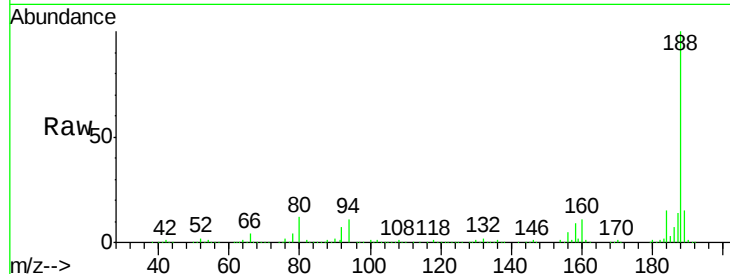




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.06 min
 Lab File: BF099079.D
 Acq: 4 Oct 2017 21:00

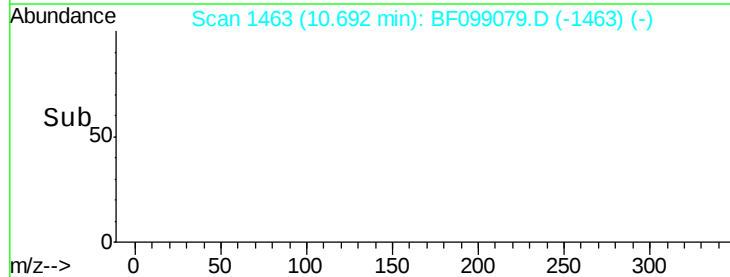
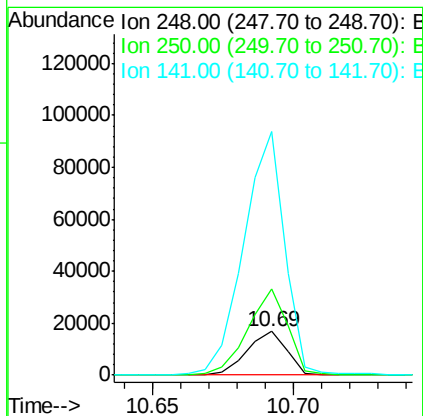
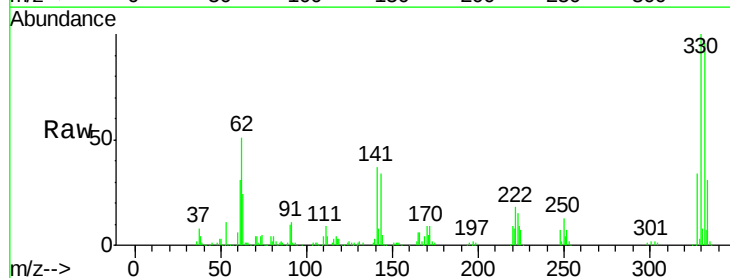
Instrument :
 BNA_F
 ClientSampleId :

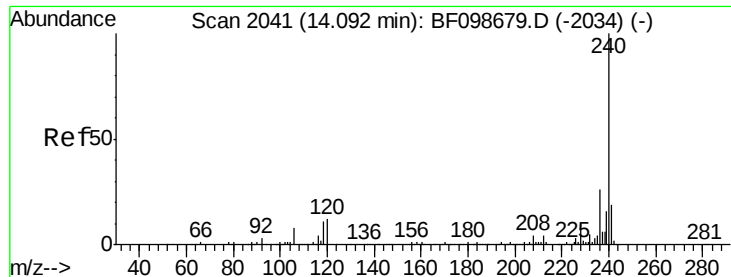
Tot Ion:188 Resp: 439813
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.2 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.80 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.30 min
 Lab File: BF099079.D
 Acq: 4 Oct 2017 21:00

Tgt Ion:248 Resp: 16361
 Ion Ratio Lower Upper
 248 100
 250 198.3 76.9 115.3#
 141 560.9 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: BF099079.D

Acq: 4 Oct 2017 21:00

Instrument :

BNA_F

ClientSampleId :

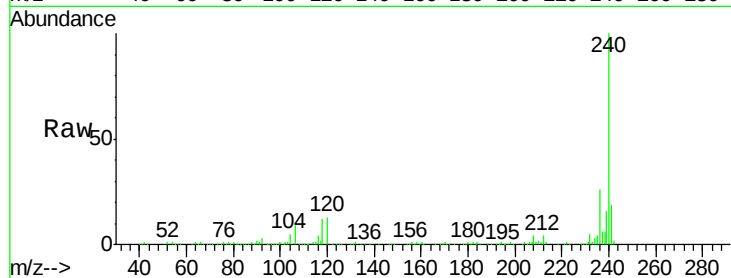
Tot Ion:240 Resp: 301374

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

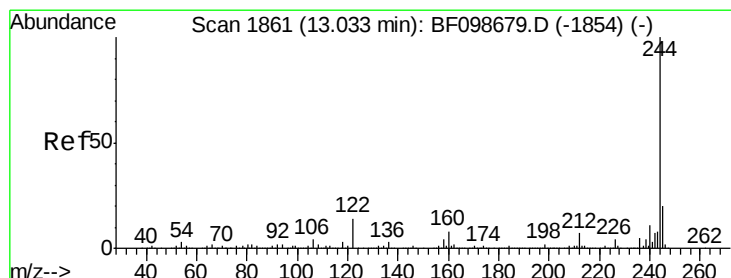
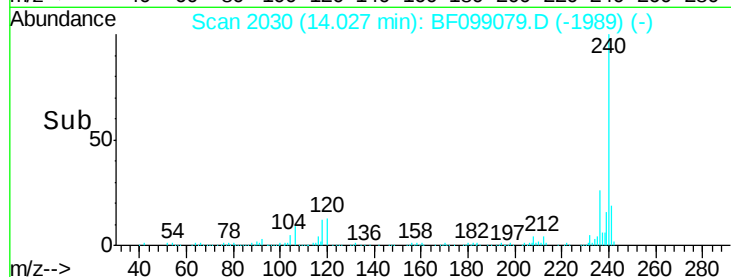
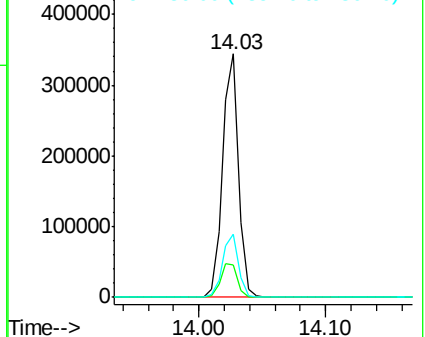
236 25.8 20.7 31.1



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: 83.44 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099079.D

Acq: 4 Oct 2017 21:00

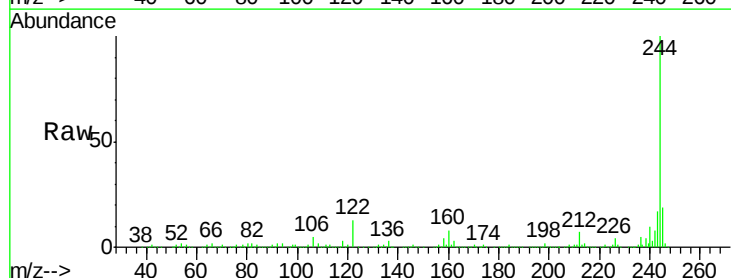
Tgt Ion:244 Resp: 1105675

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

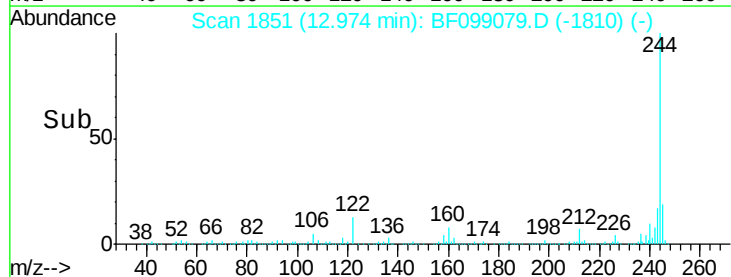
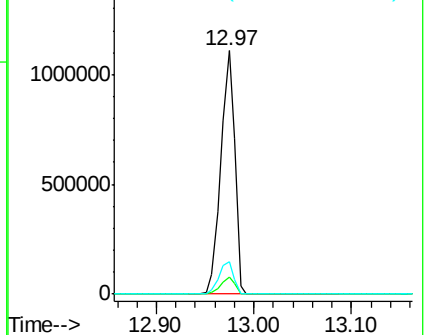
122 13.4 11.0 16.4

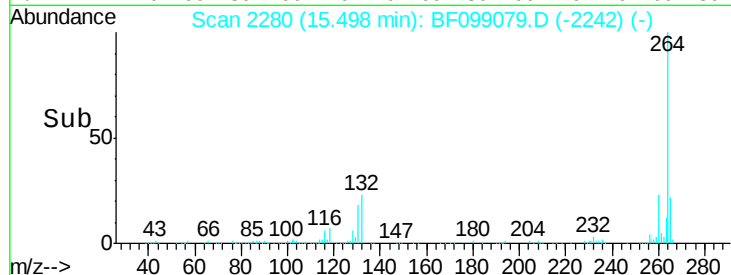
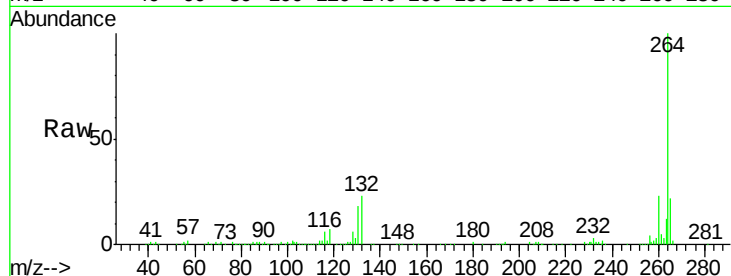
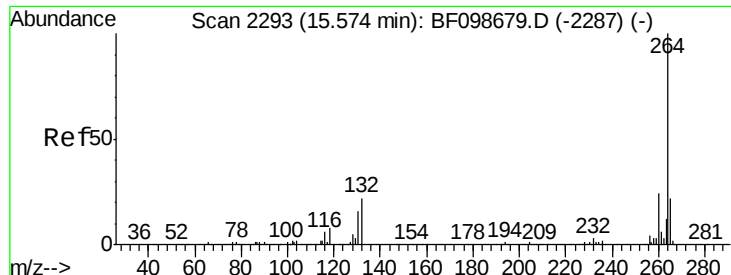


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF099079.D
 Acq: 4 Oct 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	17.5	26.3

