

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099279.D
 Acq On : 9 Oct 2017 23:07
 Operator : SJ/JU
 Sample : I5651-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 01:14:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

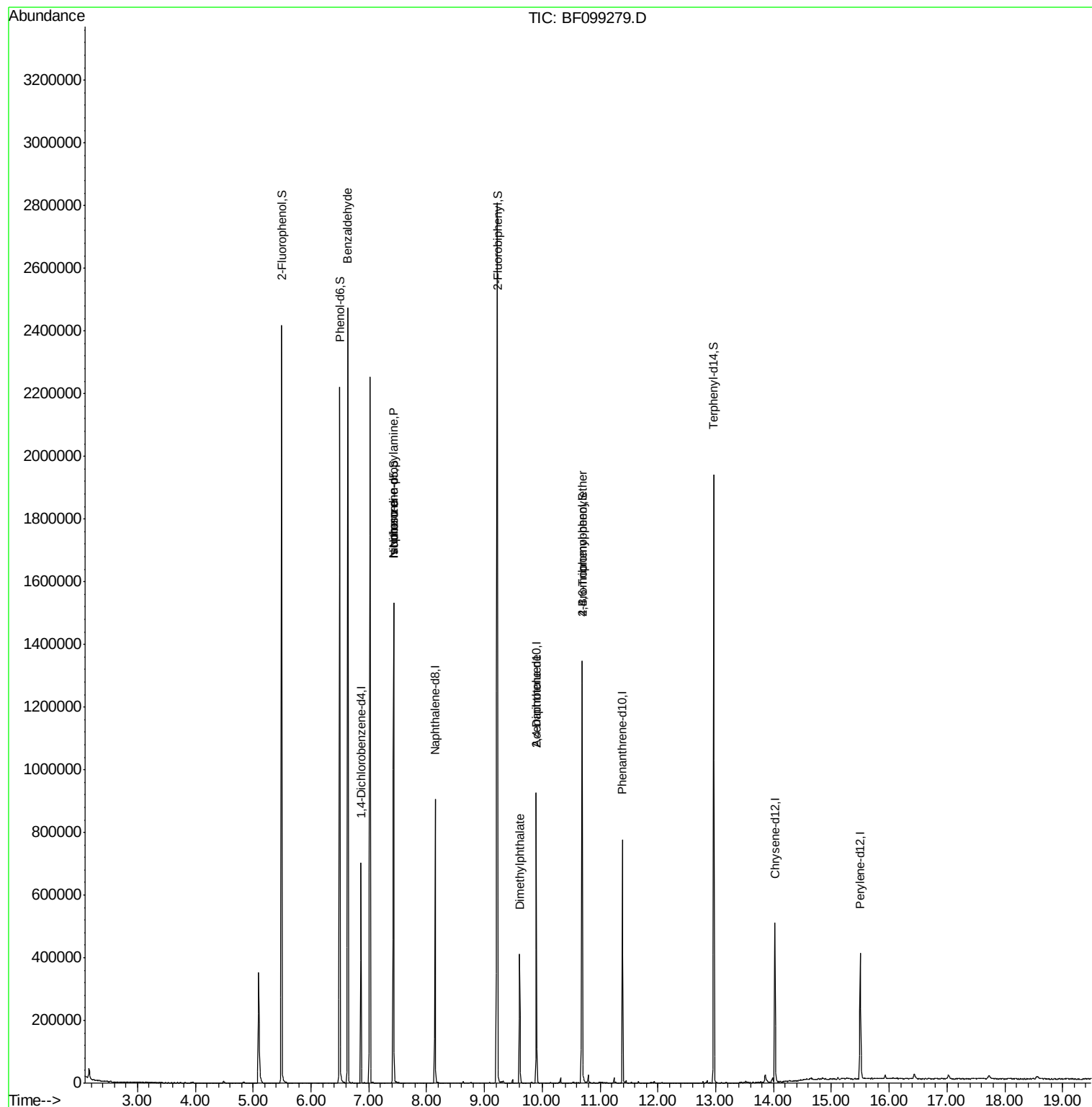
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	96168	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	390334	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	168546	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	259143	20.00	ng	0.00
75) Chrysene-d12	14.03	240	177215	20.00	ng	0.00
86) Perylene-d12	15.50	264	179796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	774929	128.28	ng	0.01
7) Phenol-d6	6.50	99	934685	125.42	ng	0.00
23) Nitrobenzene-d5	7.43	82	554670	91.13	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	171595	124.42	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	967039	95.78	ng	0.00
78) Terphenyl-d14	12.97	244	595996	76.48	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	15570	3.60	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.43	70	70478	14.81	ng	# 75
25) Isophorone	7.43	82	554752	44.08	ng	# 64
49) Dimethylphthalate	9.61	163	164576	12.94	ng	100
56) 2,4-Dinitrotoluene	9.90	165	21157	5.89	ng	# 21
66) 4-Bromophenyl-phenylether	10.69	248	11145	4.39	ng	# 1

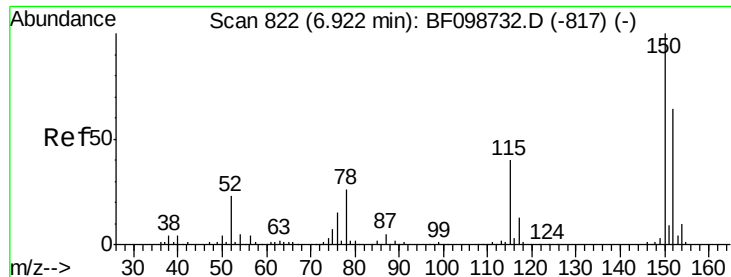
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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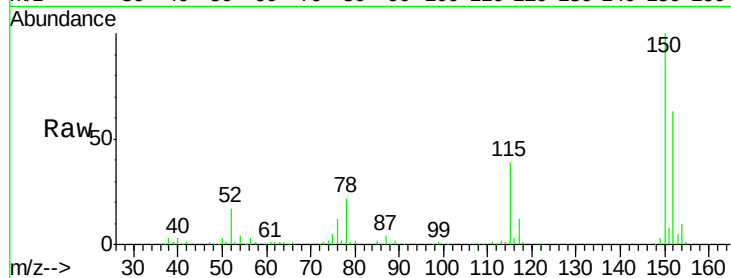


#1

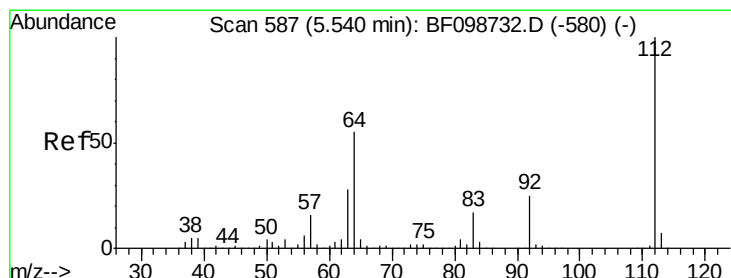
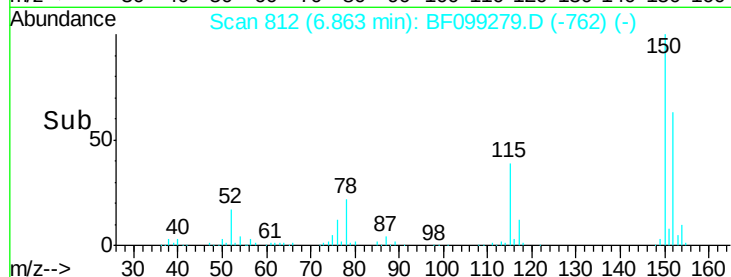
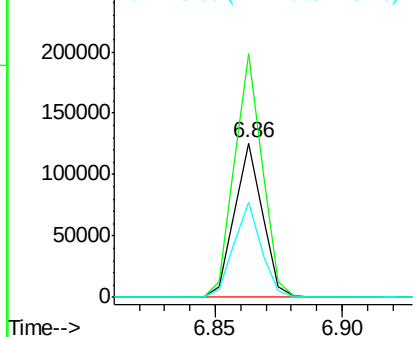
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099279.D
Acq: 9 Oct 2017 23:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 96168
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 61.3 50.1 75.1



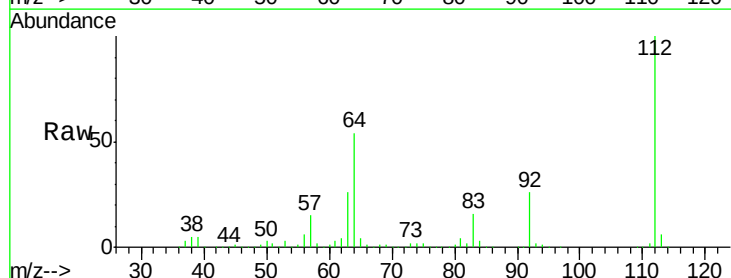
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



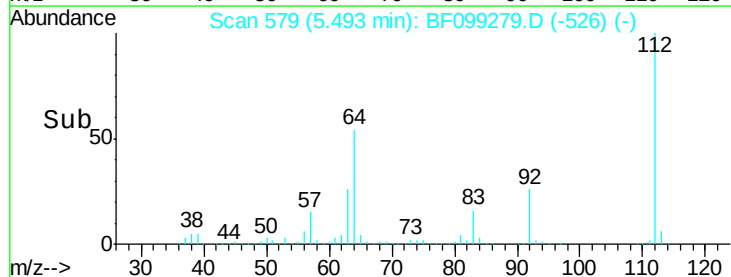
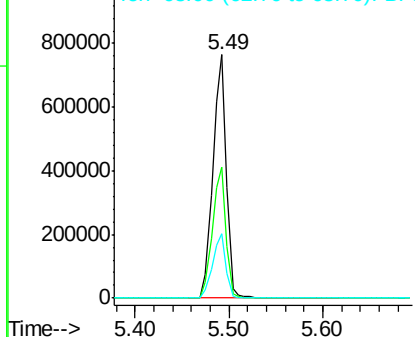
#5

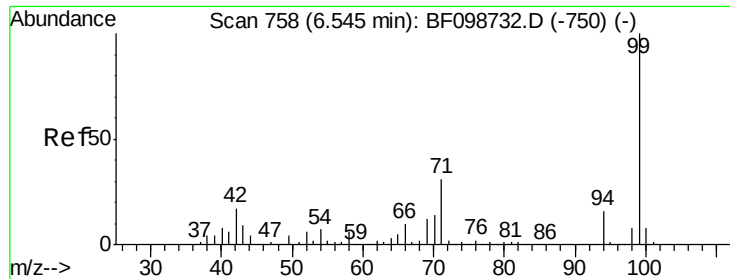
2-Fluorophenol
Concen: 128.28 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099279.D
Acq: 9 Oct 2017 23:07

Tgt Ion:112 Resp: 774929
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 26.2 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: 125.42 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099279.D

Acq: 9 Oct 2017 23:07

Instrument :

BNA_F

ClientSampleId :

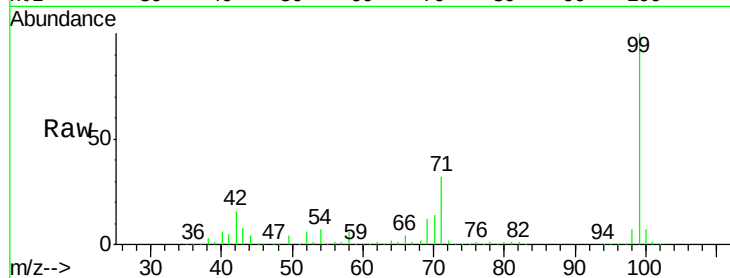
Tot Ion: 99 Resp: 934685

Ion Ratio Lower Upper

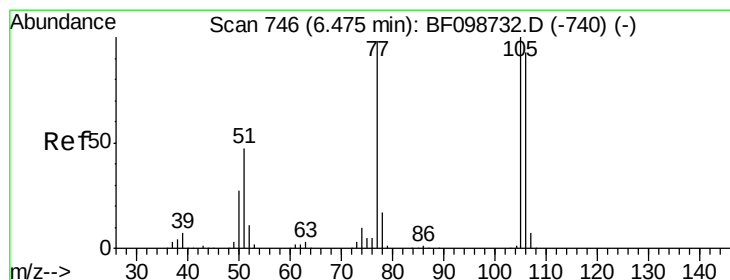
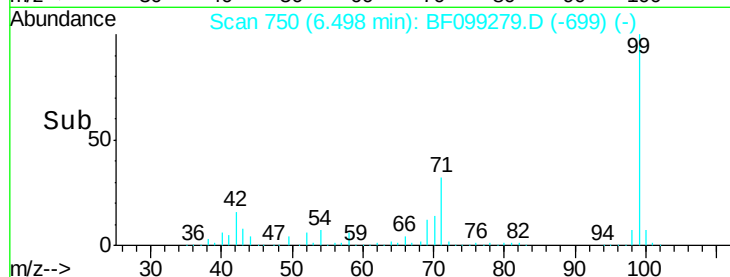
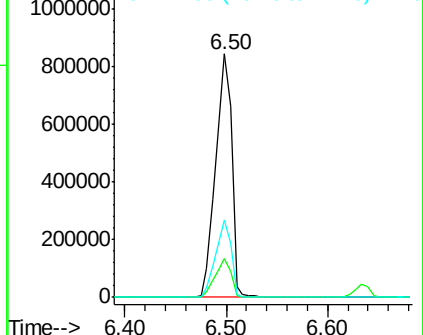
99 100

42 15.8 14.5 21.7

71 31.8 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: 3.60 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099279.D

Acq: 9 Oct 2017 23:07

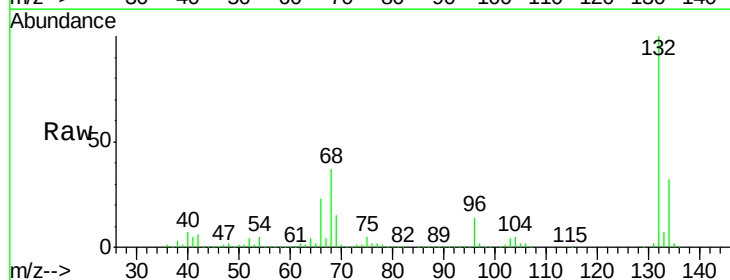
Tgt Ion: 77 Resp: 15570

Ion Ratio Lower Upper

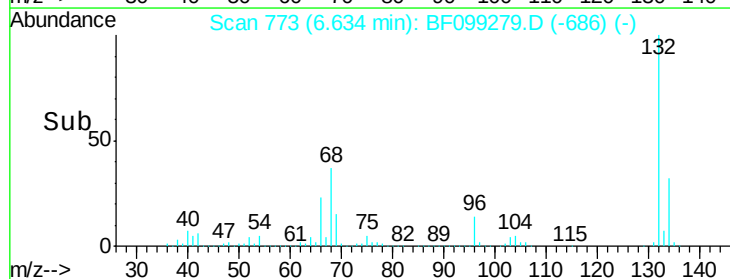
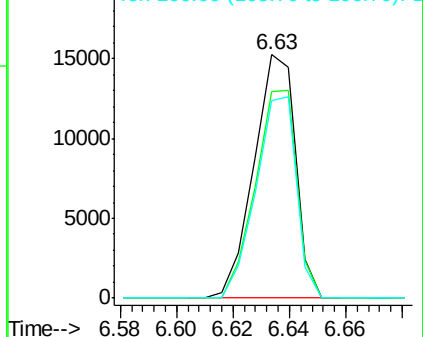
77 100

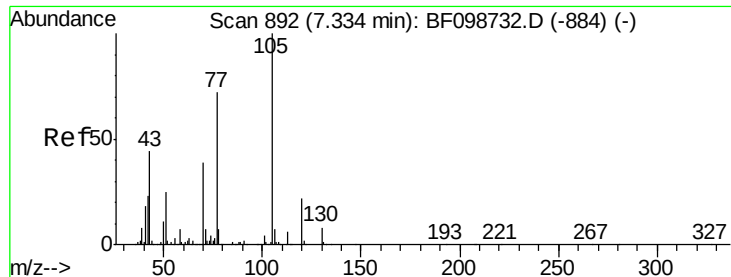
105 85.1 81.1 121.1

106 81.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

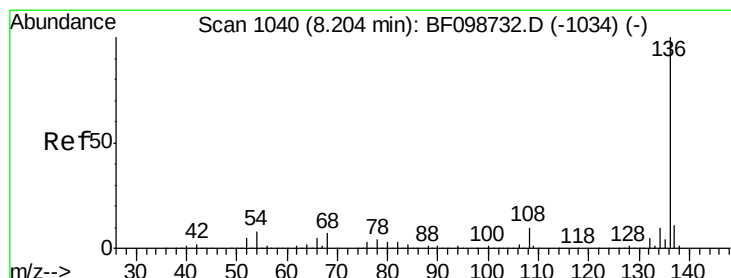
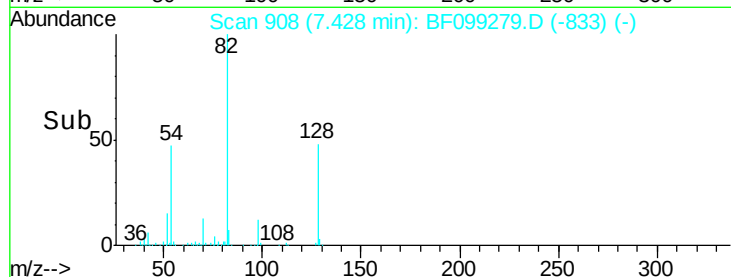
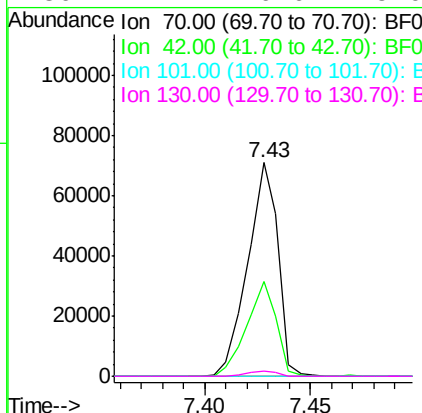
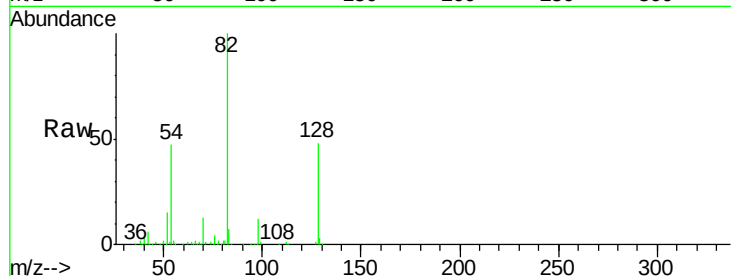




#19
n-Nitroso-di-n-propylamine
Concen: 14.81 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099279.D
Acq: 9 Oct 2017 23:07

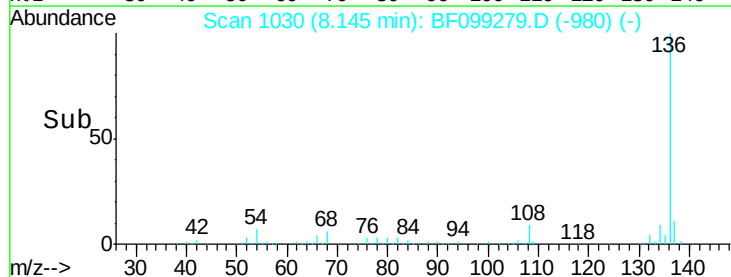
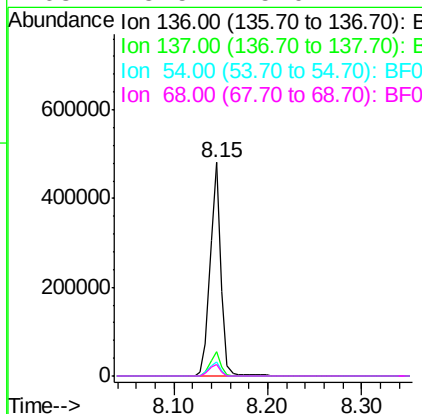
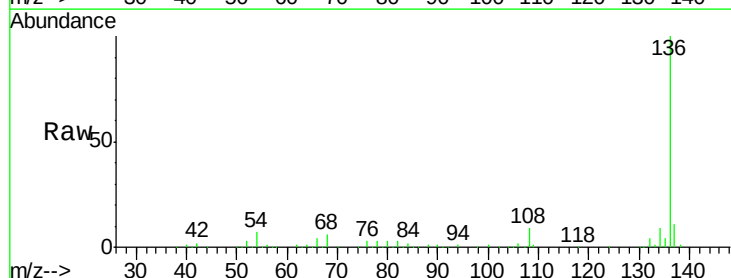
Instrument :
BNA_F
ClientSampleId :

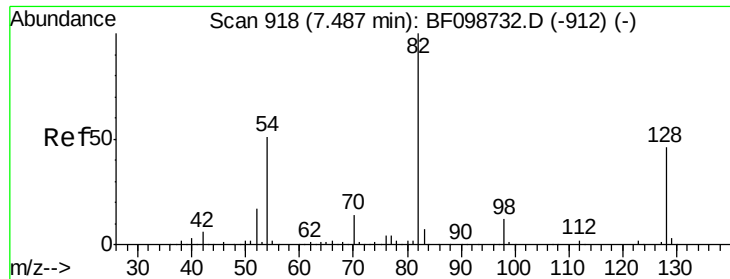
Tot Ion: 70 Resp: 70478
Ion Ratio Lower Upper
70 100
42 44.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099279.D
Acq: 9 Oct 2017 23:07

Tgt Ion: 136 Resp: 390334
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.7 6.6 9.8
68 5.5 5.0 7.4

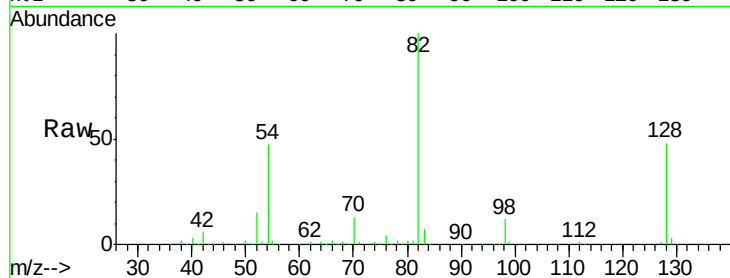




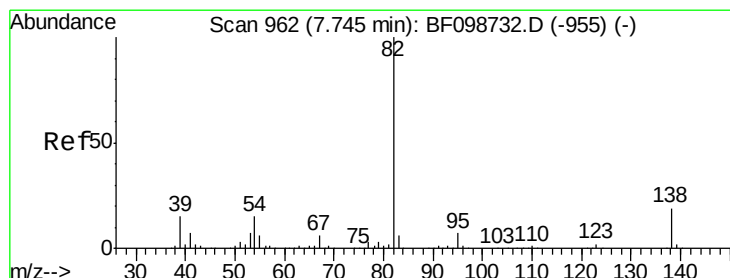
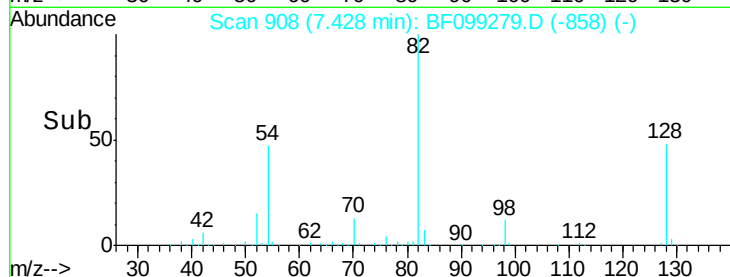
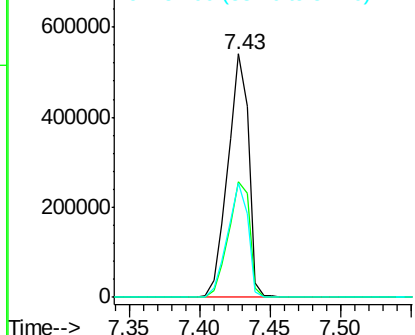
#23
 Nitrobenzene-d5
 Concen: 91.13 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099279.D
 Acq: 9 Oct 2017 23:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 554670
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.1 54.1
 54 47.0 41.4 62.2

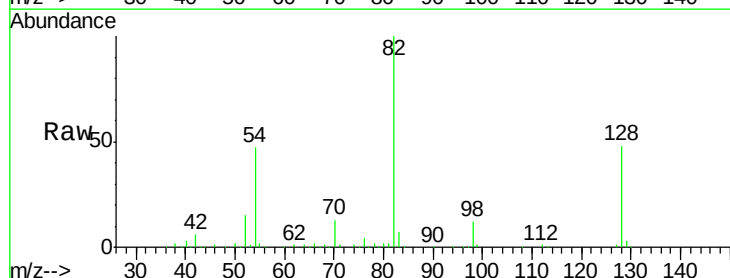


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

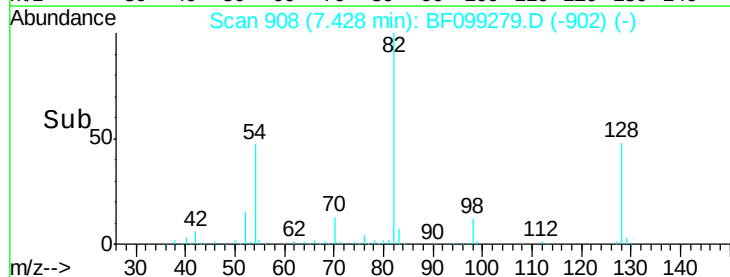
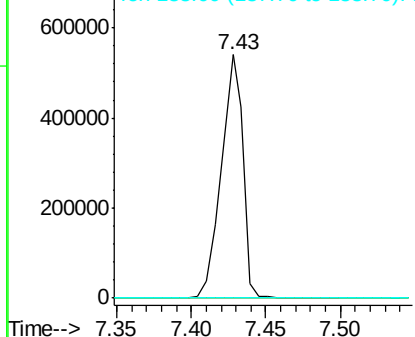


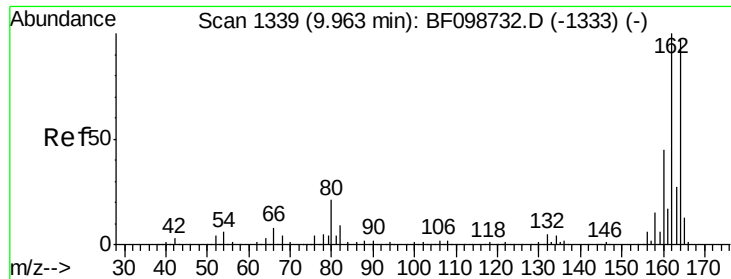
#25
 Isophorone
 Concen: 44.08 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099279.D
 Acq: 9 Oct 2017 23:07

Tgt Ion: 82 Resp: 554752
 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: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099279.D

Acq: 9 Oct 2017 23:07

Instrument :

BNA_F

ClientSampleId :

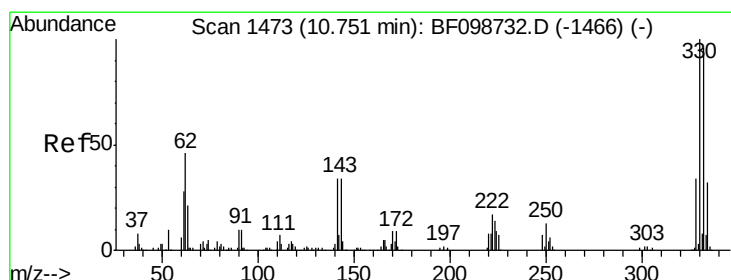
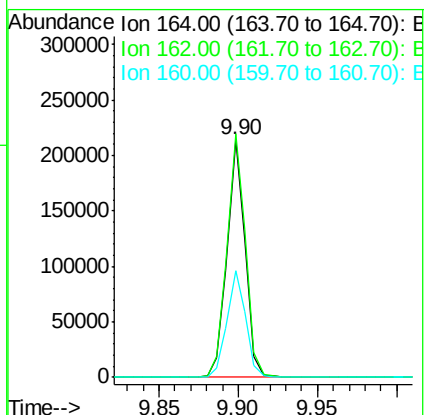
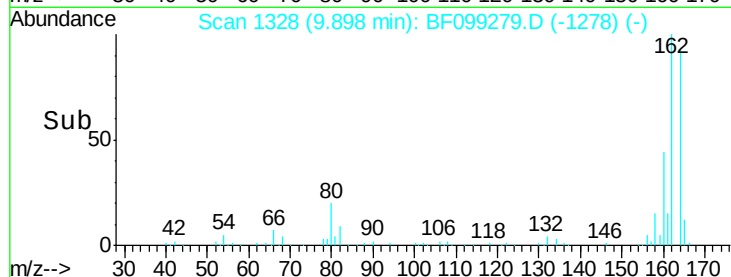
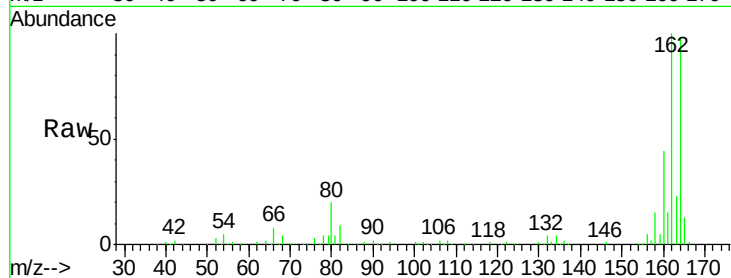
Tot Ion:164 Resp: 168546

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

160 45.0 38.3 57.5



#41

2,4,6-Tribromophenol

Concen: 124.42 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF099279.D

Acq: 9 Oct 2017 23:07

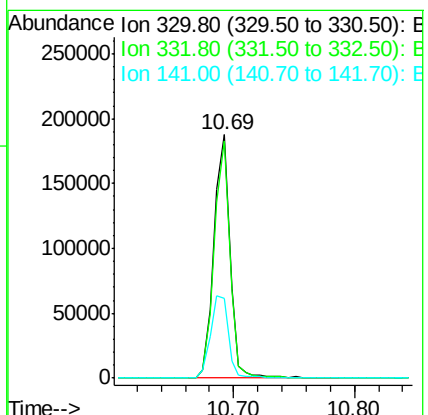
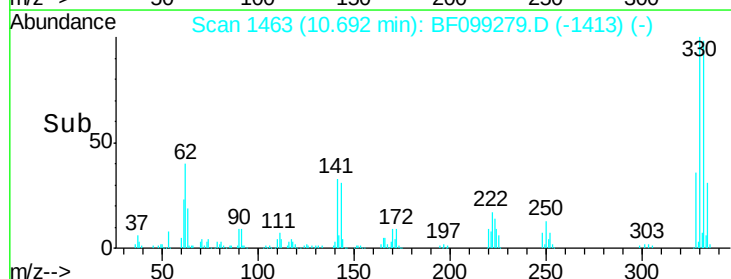
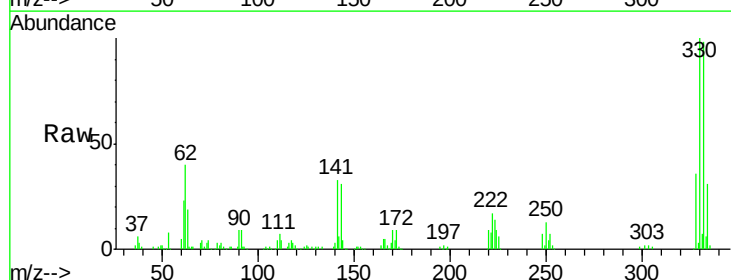
Tgt Ion:330 Resp: 171595

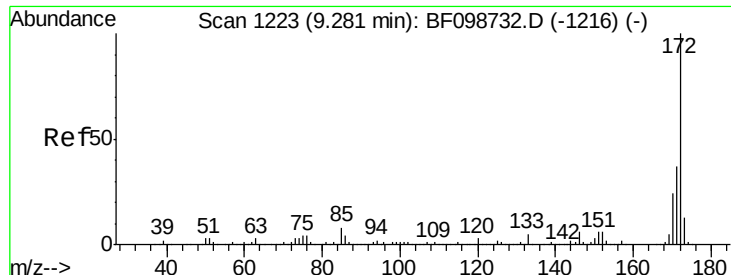
Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

141 37.9 29.9 44.9

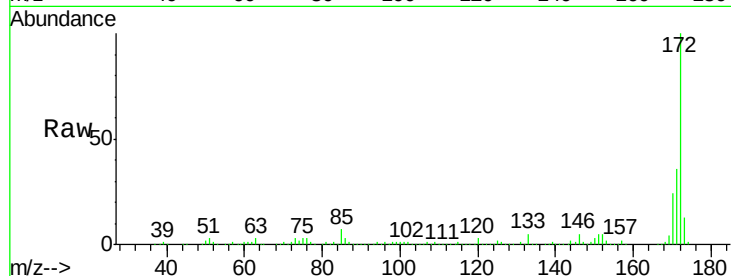




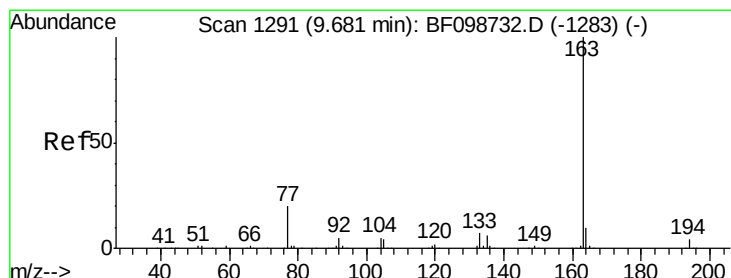
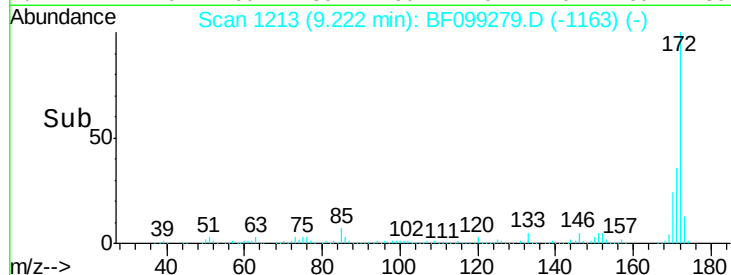
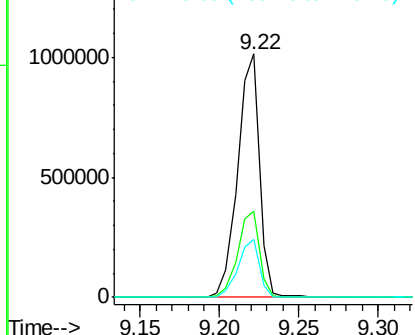
#44
 2-Fluorobiphenyl
 Concen: 95.78 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099279.D
 Acq: 9 Oct 2017 23:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 967039
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.9 19.6 29.4

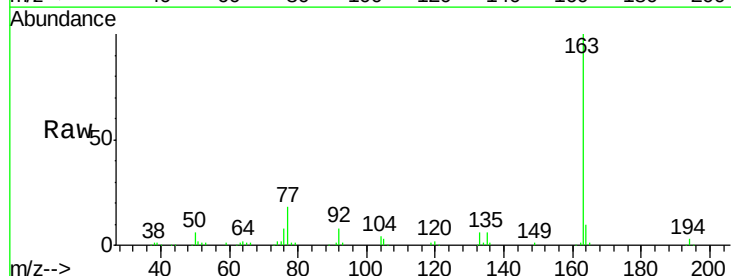


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

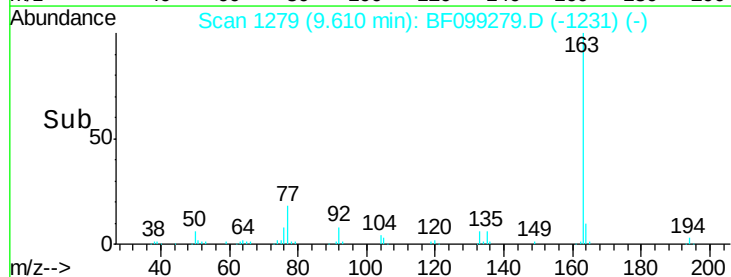
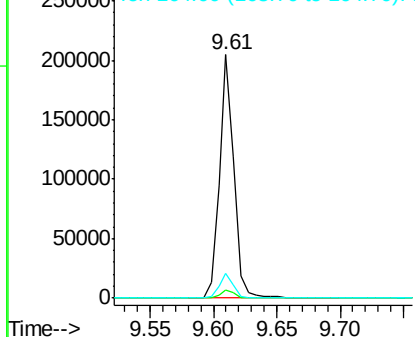


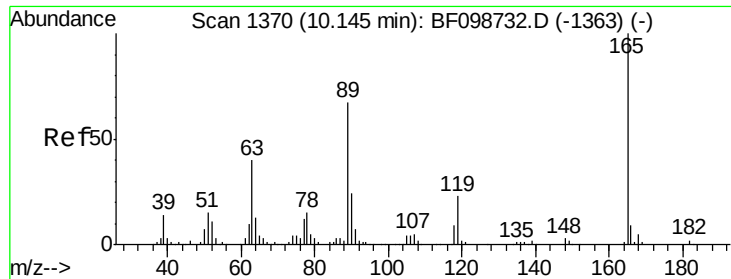
#49
 Dimethylphthalate
 Concen: 12.94 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF099279.D
 Acq: 9 Oct 2017 23:07

Tgt Ion:163 Resp: 164576
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 10.0 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

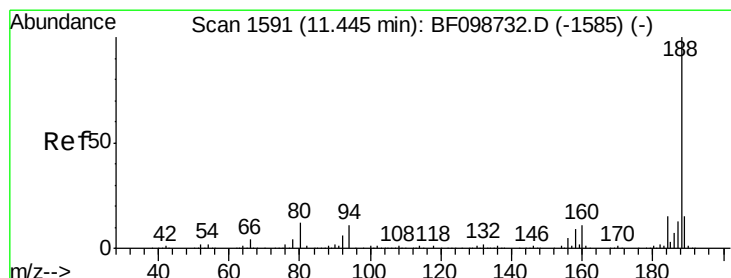
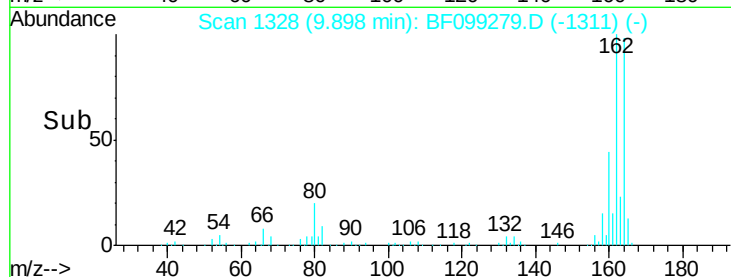
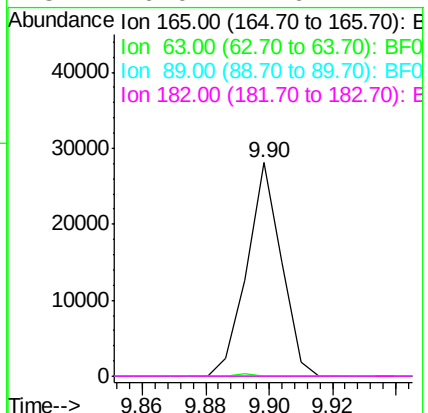
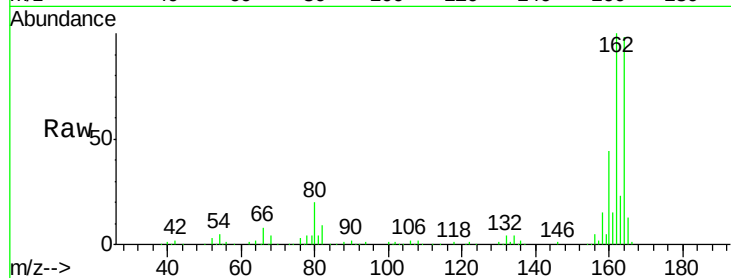




#56
 2,4-Dinitrotoluene
 Concen: 5.89 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099279.D
 Acq: 9 Oct 2017 23:07

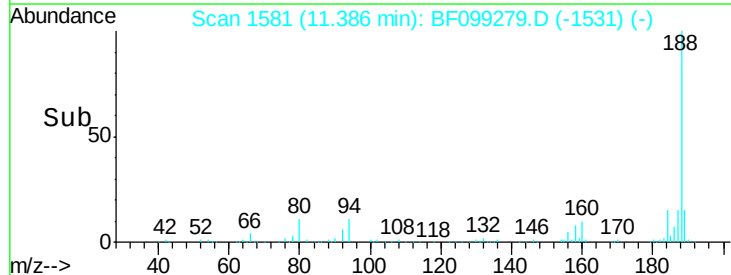
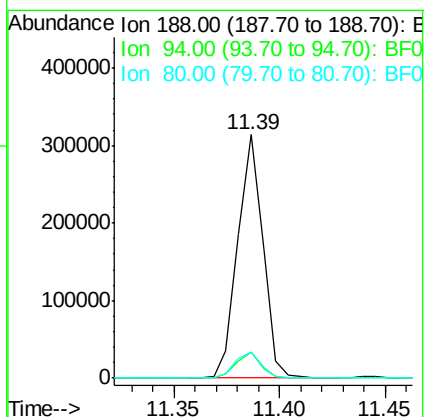
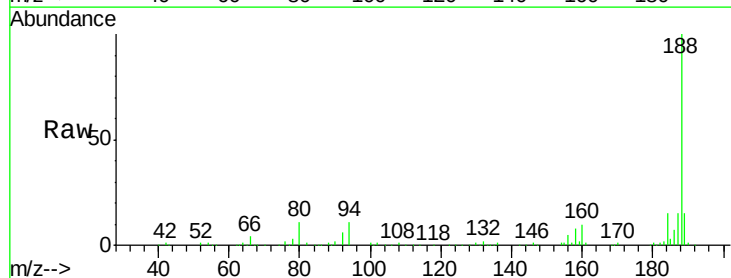
Instrument :
 BNA_F
 ClientSampleId :

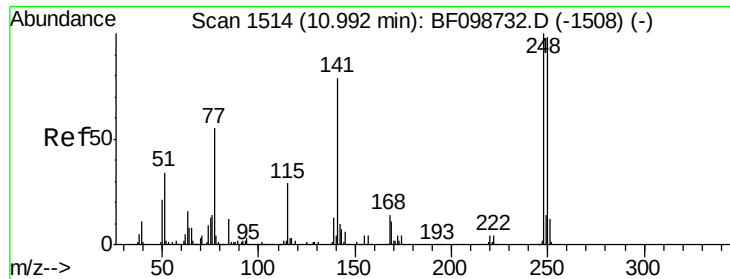
Tot Ion:165	Resp:	21157
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099279.D
 Acq: 9 Oct 2017 23:07

Tgt Ion:188	Resp:	259143
Ion Ratio	Lower	Upper
188	100	
94	10.9	8.5 12.7
80	10.8	9.2 13.8

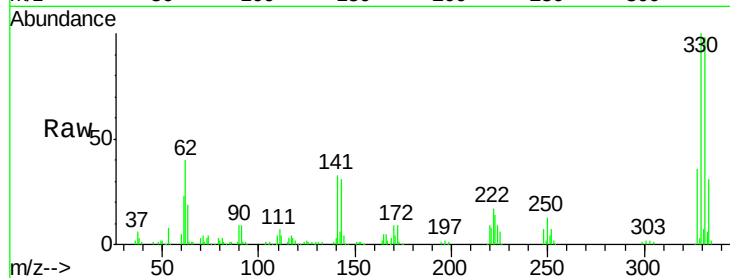




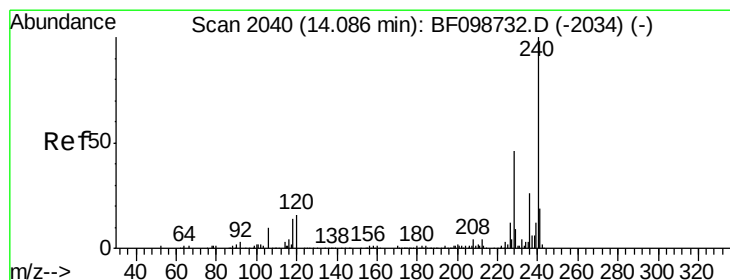
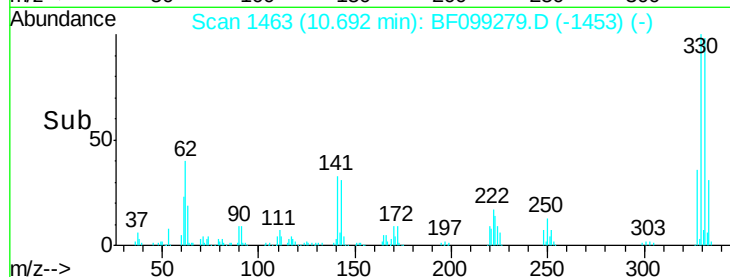
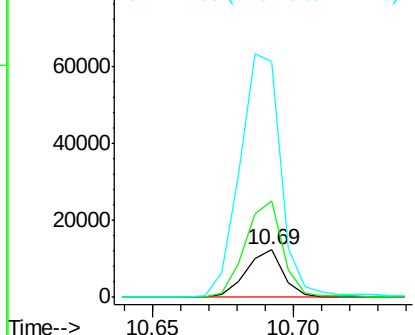
#66
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099279.D
Acq: 9 Oct 2017 23:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11145
Ion Ratio Lower Upper
248 100
250 205.3 76.9 115.3#
141 501.5 74.4 111.6#

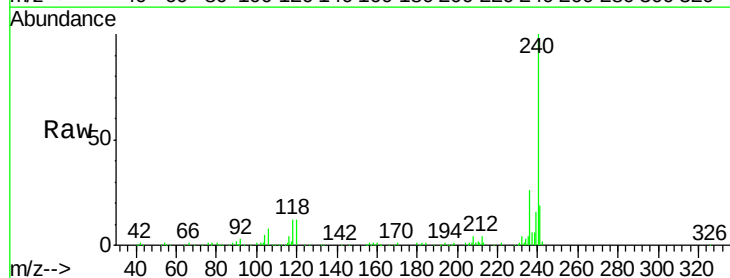


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

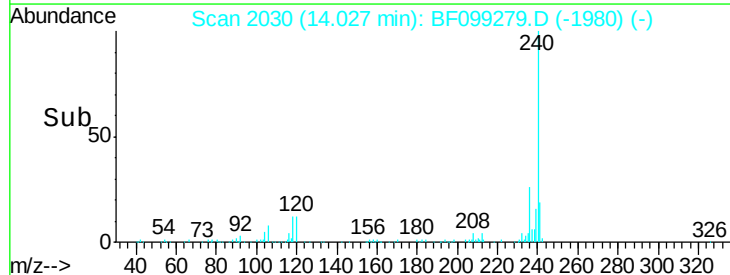
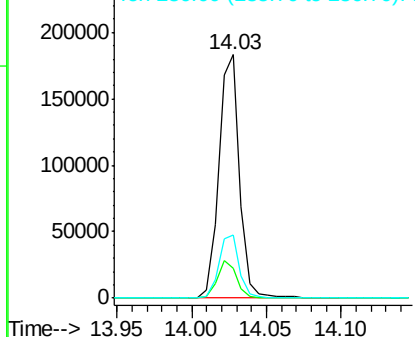


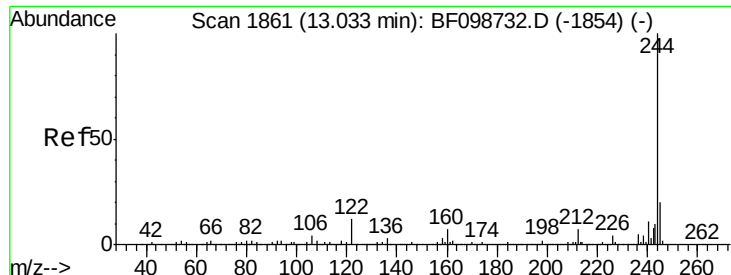
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099279.D
Acq: 9 Oct 2017 23:07

Tgt Ion:240 Resp: 177215
Ion Ratio Lower Upper
240 100
120 12.4 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

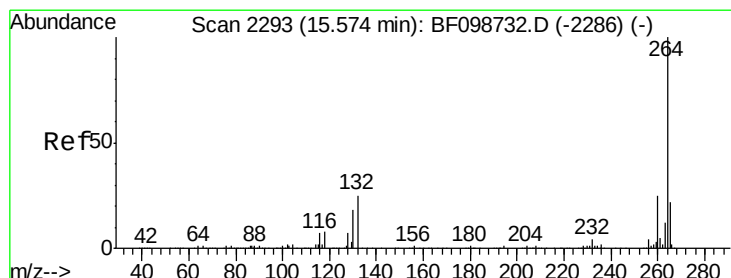
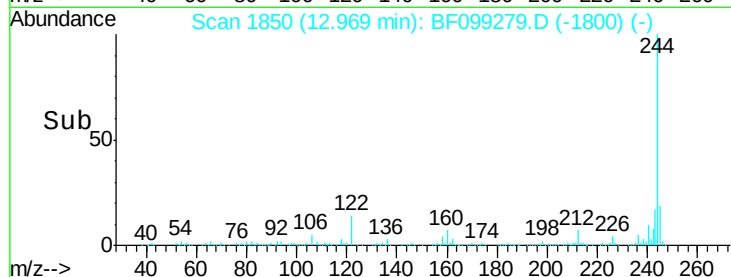
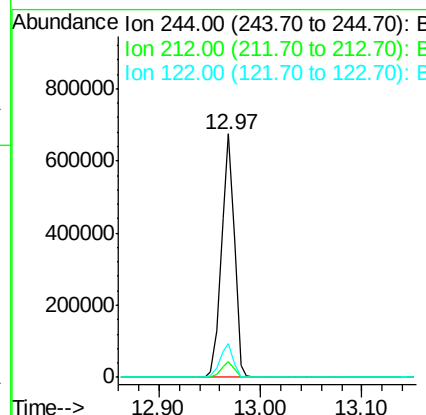
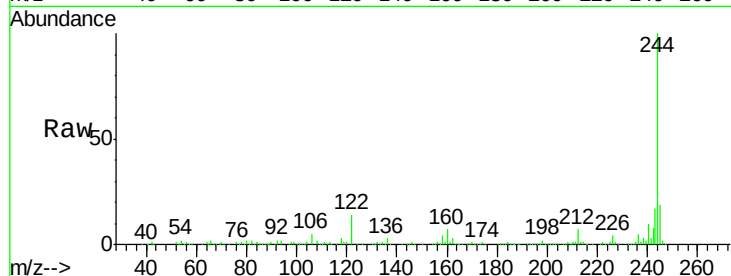




#78
 Terphenyl-d14
 Concen: 76.48 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099279.D
 Acq: 9 Oct 2017 23:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 595996
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 14.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF099279.D
 Acq: 9 Oct 2017 23:07

Tgt Ion:264 Resp: 179796
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 22.2 17.5 26.3

