

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100079.D
 Acq On : 2 Nov 2017 7:23
 Operator : SJ/JU
 Sample : I6225-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:14:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

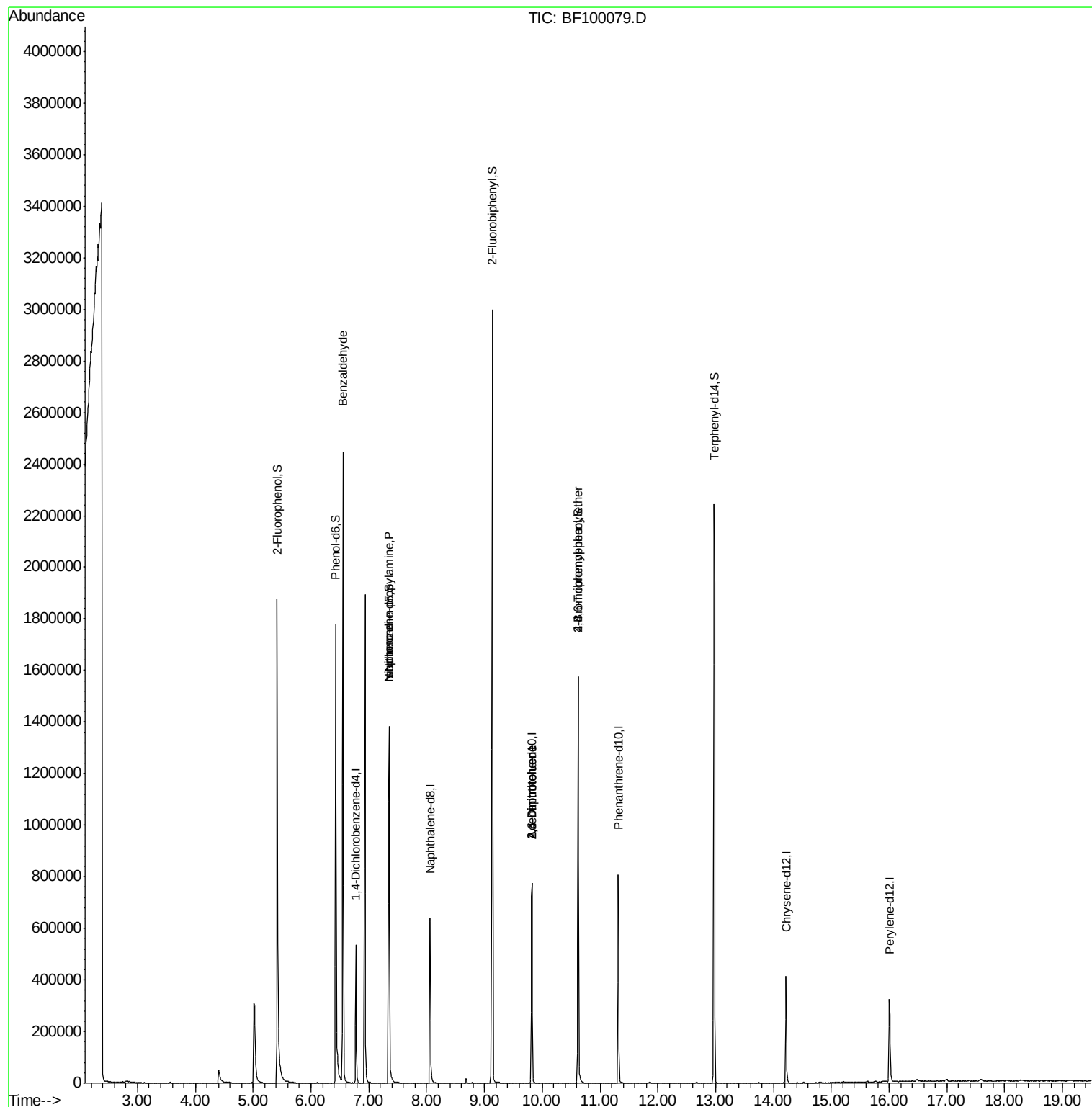
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	91645	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	379860	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	174739	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	286129	20.00	ng	0.00
75) Chrysene-d12	14.22	240	171843	20.00	ng	0.24
86) Perylene-d12	16.00	264	111940	20.00	ng	0.54
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	766846	131.37	ng	0.02
7) Phenol-d6	6.43	99	843572	121.88	ng	0.00
23) Nitrobenzene-d5	7.35	82	581047	98.48	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	226456	142.21	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1224807	108.14	ng	0.00
78) Terphenyl-d14	12.97	244	904095	114.98	ng	0.08
Target Compounds						
9) Benzaldehyde	6.56	77	14069	3.402	ng	95
19) n-Nitroso-di-n-propylamine	7.35	70	72694	17.922	ng	# 71
25) Isophorone	7.35	82	581044	54.271	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	21974	7.554	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	21974	6.272	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	15410	5.116	ng	# 1

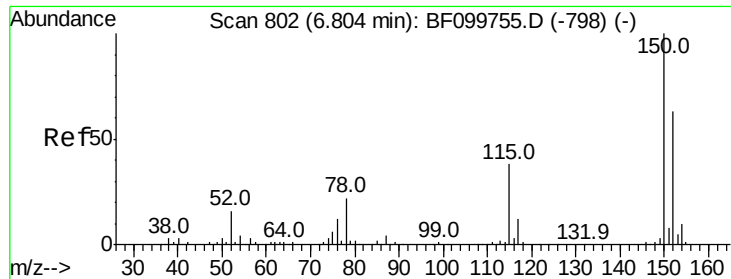
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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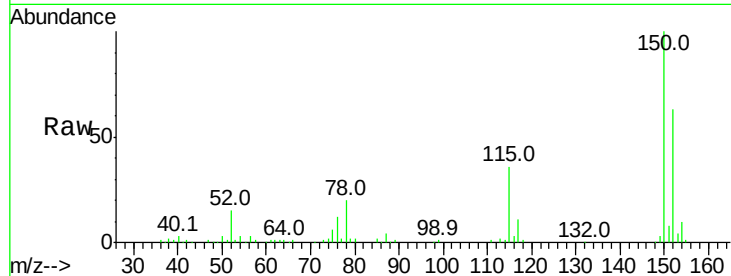


#1

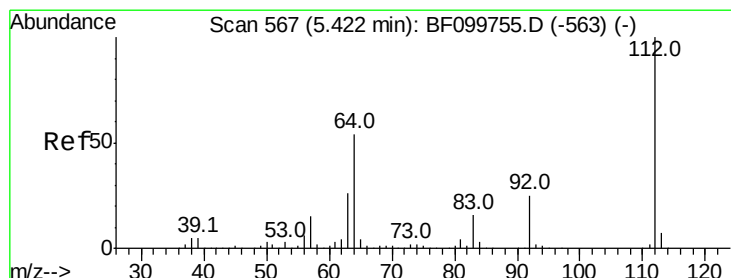
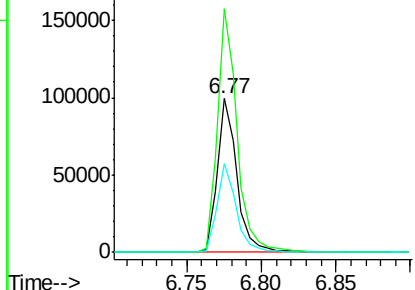
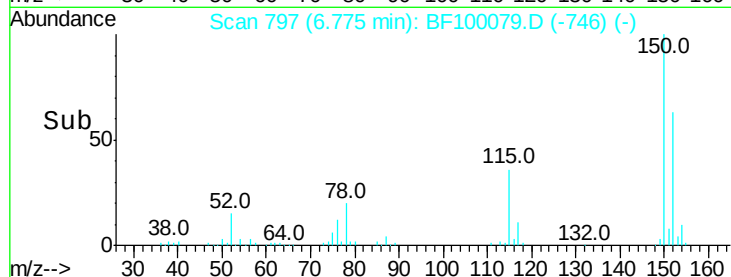
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF100079.D
Acq: 2 Nov 2017 7:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91645
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 57.5 50.1 75.1



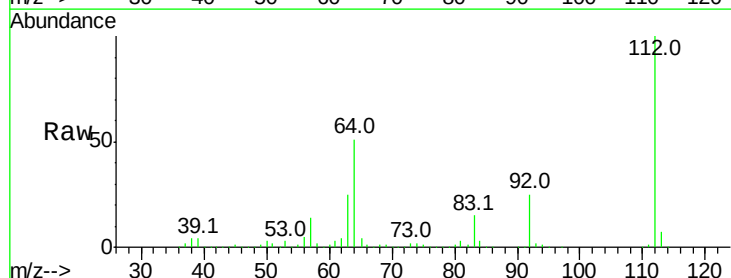
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



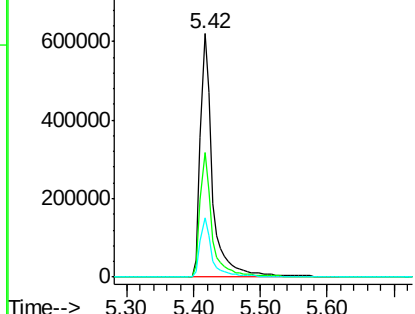
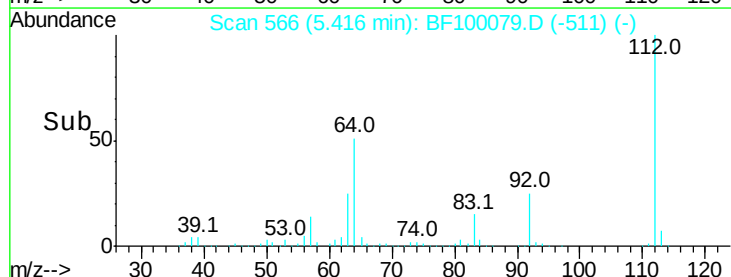
#5

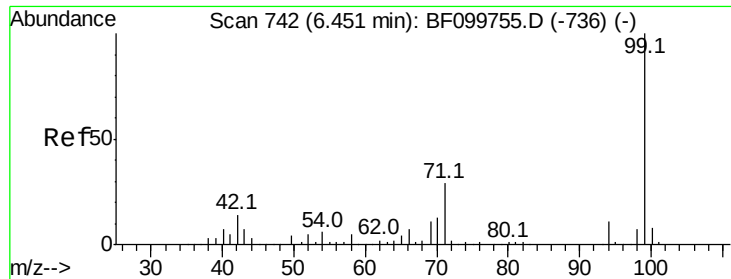
2-Fluorophenol
Concen: 131.368 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF100079.D
Acq: 2 Nov 2017 7:23

Tgt Ion:112 Resp: 766846
Ion Ratio Lower Upper
112 100
64 51.3 47.9 71.9
63 24.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 121.877 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100079.D

Acq: 2 Nov 2017 7:23

Instrument :

BNA_F

ClientSampled :

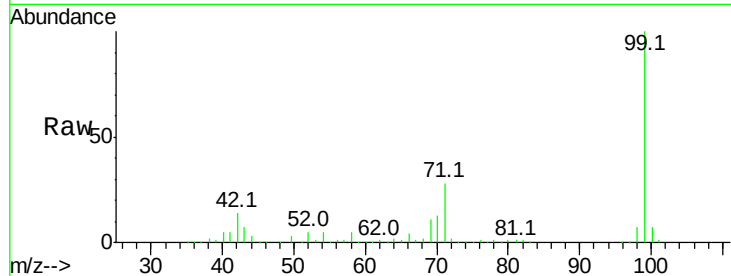
Tot Ion: 99 Resp: 843572

Ion Ratio Lower Upper

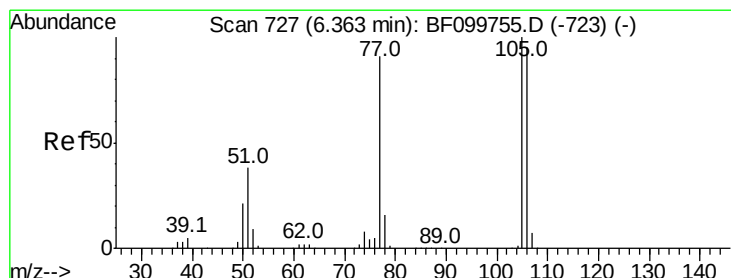
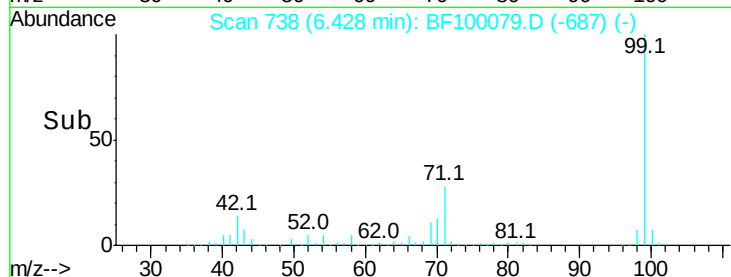
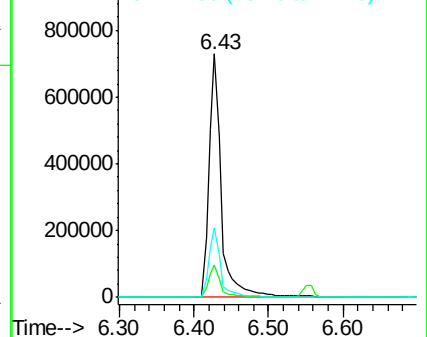
99 100

42 13.6 14.5 21.7#

71 28.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 3.402 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.22 min

Lab File: BF100079.D

Acq: 2 Nov 2017 7:23

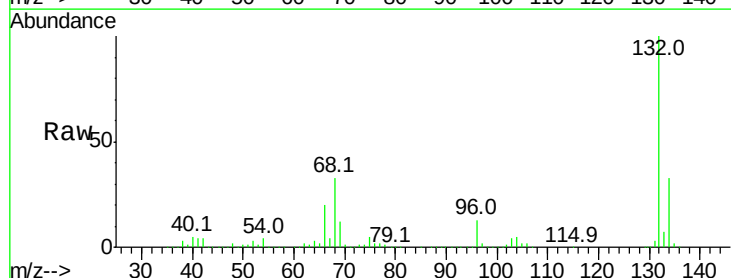
Tgt Ion: 77 Resp: 14069

Ion Ratio Lower Upper

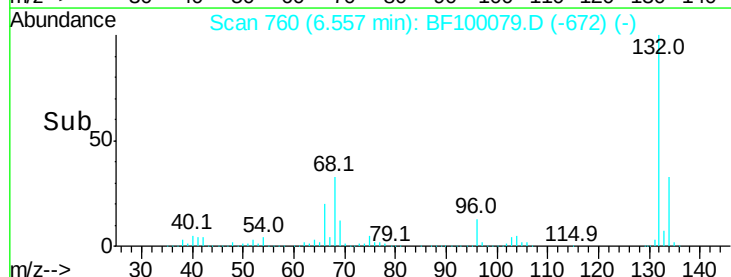
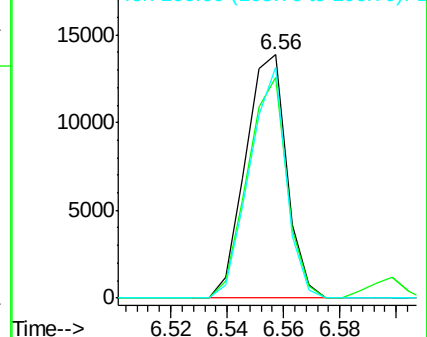
77 100

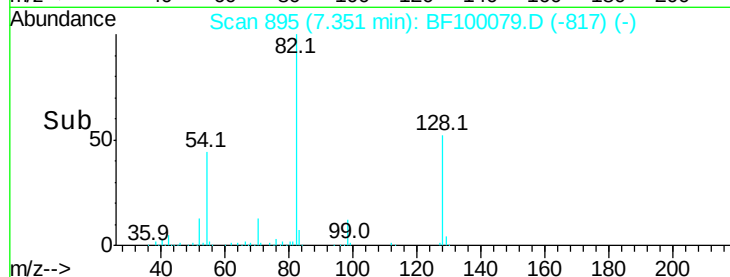
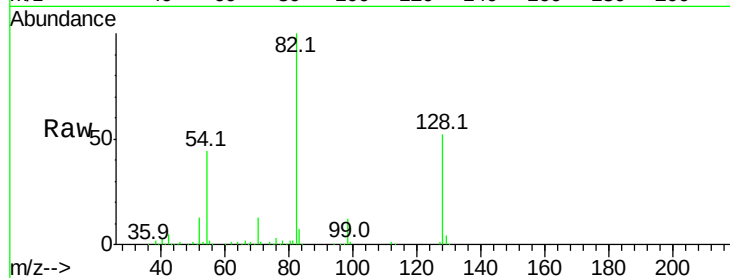
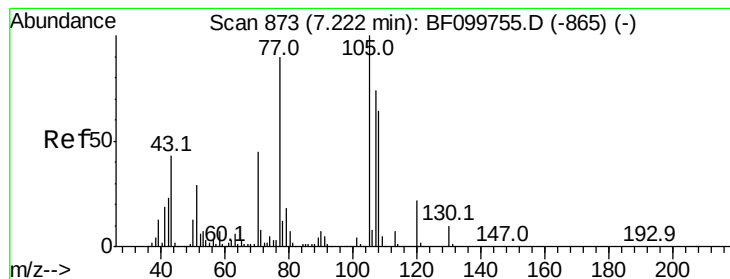
105 90.6 81.1 121.1

106 94.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 17.922 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.16 min

Lab File: BF100079.D

Acq: 2 Nov 2017 7:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 72694

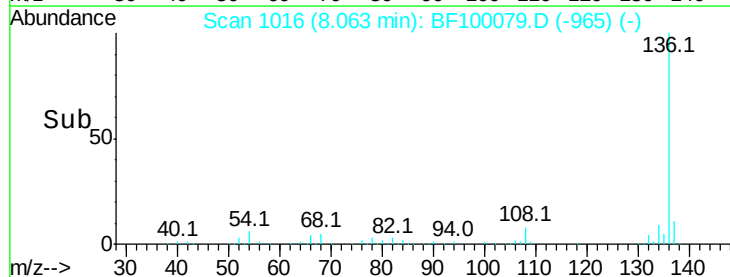
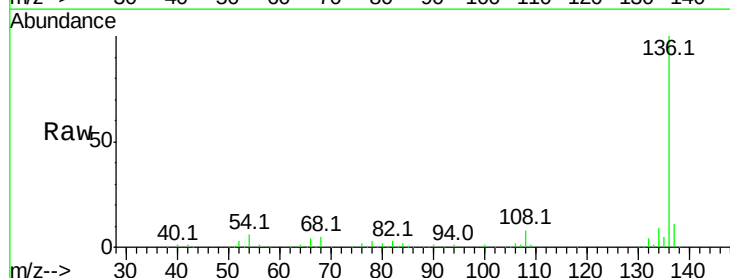
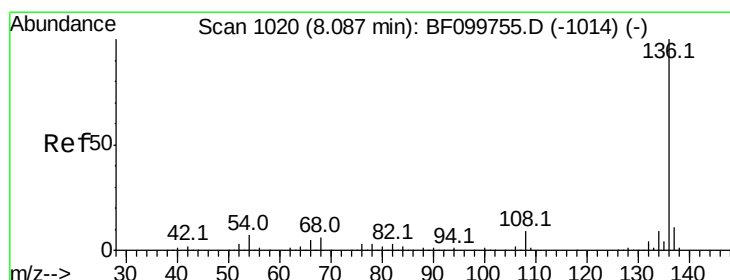
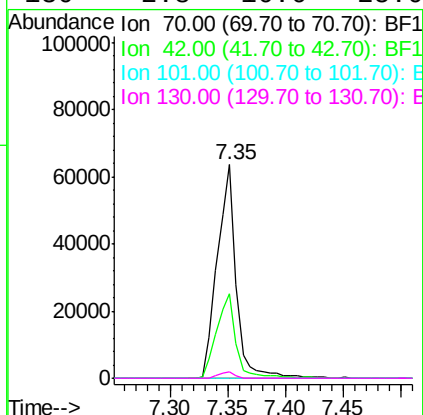
Ion Ratio Lower Upper

70 100

42 39.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF100079.D

Acq: 2 Nov 2017 7:23

Tgt Ion:136 Resp: 379860

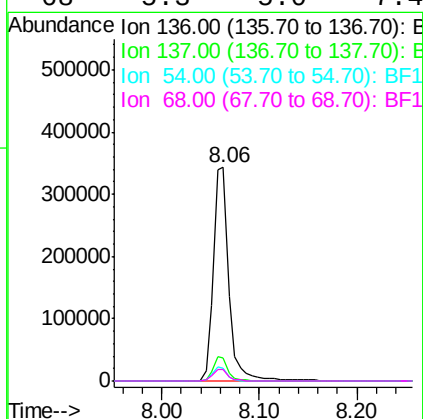
Ion Ratio Lower Upper

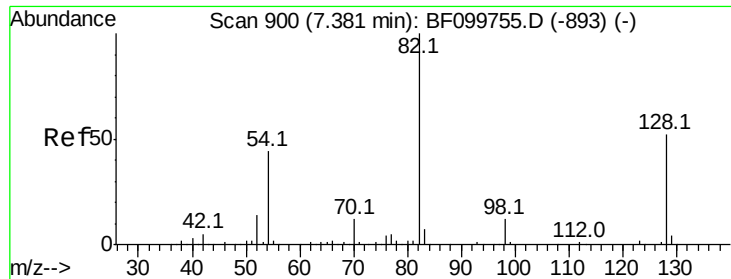
136 100

137 10.7 8.9 13.3

54 5.9 6.6 9.8#

68 5.3 5.0 7.4

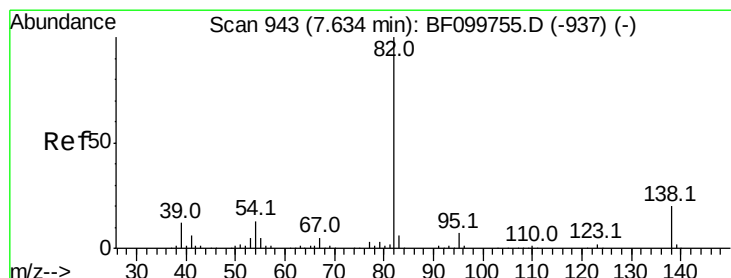
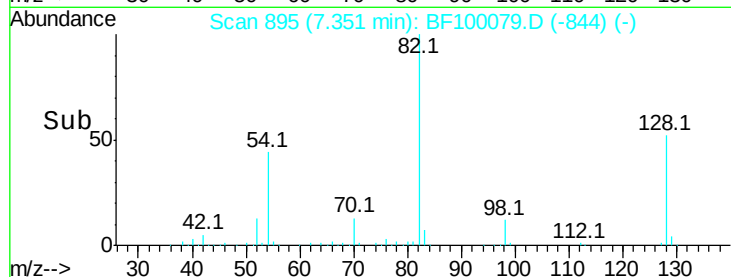
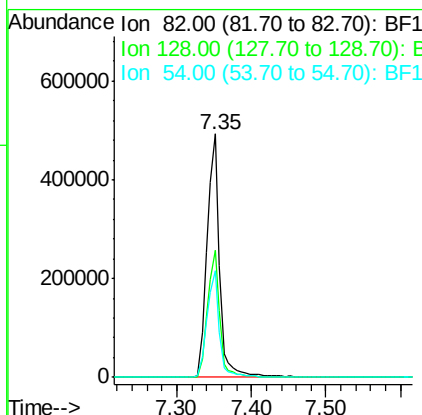
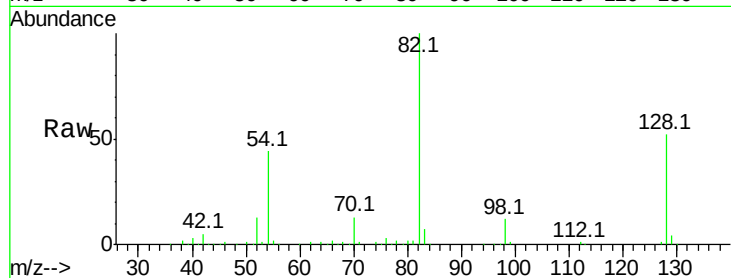




#23
 Nitrobenzene-d5
 Concen: 98.479 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF100079.D
 Acq: 2 Nov 2017 7:23

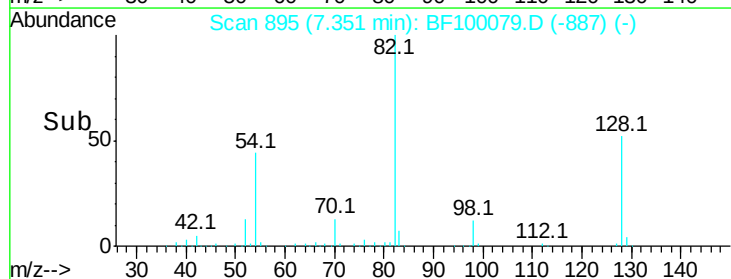
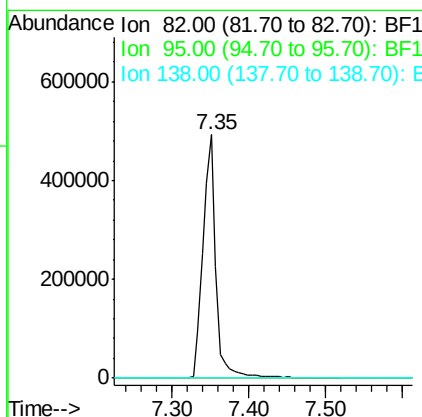
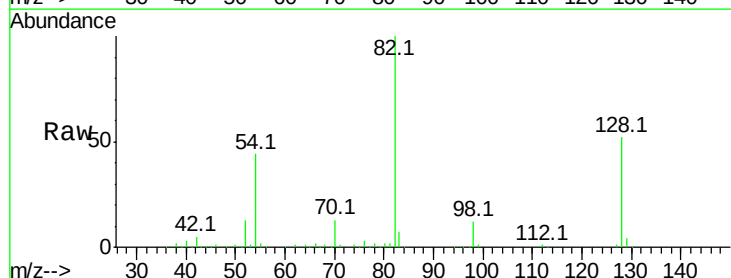
Instrument :
 BNA_F
 ClientSampleId :

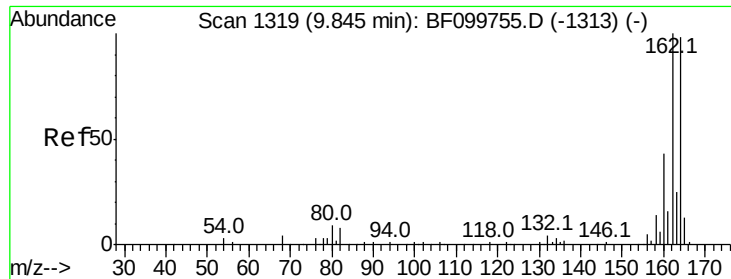
Tot Ion	Ratio	Lower	Upper
82	100		
128	52.3	36.1	54.1
54	43.6	41.4	62.2



#25
 Isophorone
 Concen: 54.271 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.25 min
 Lab File: BF100079.D
 Acq: 2 Nov 2017 7:23

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

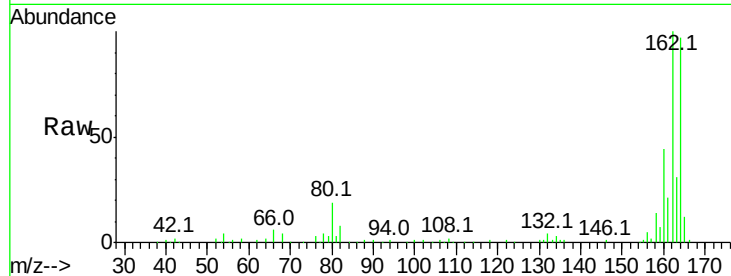




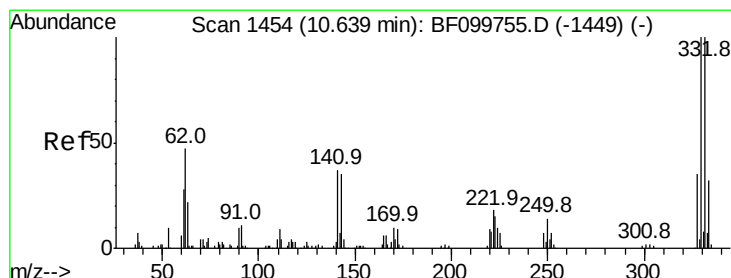
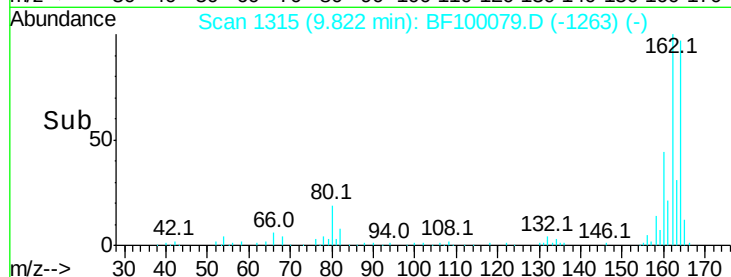
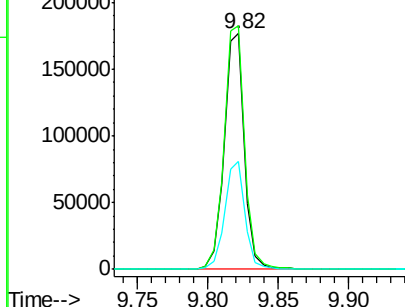
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF100079.D
Acq: 2 Nov 2017 7:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 174739
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 45.8 38.3 57.5

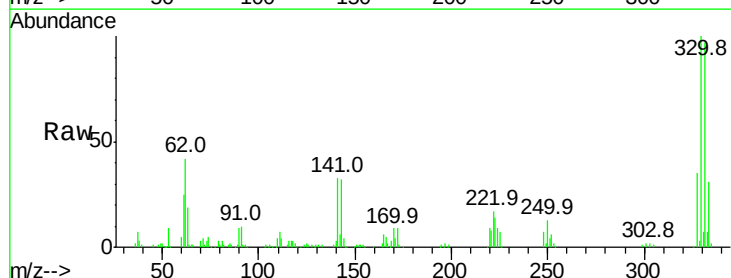


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

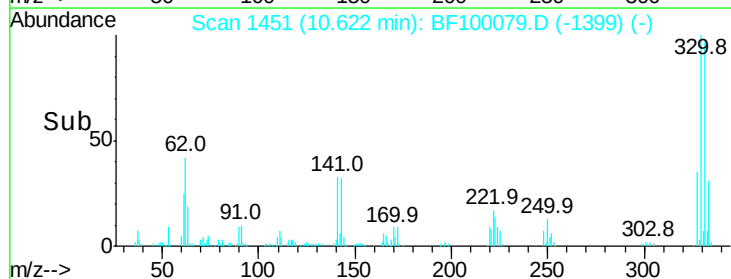
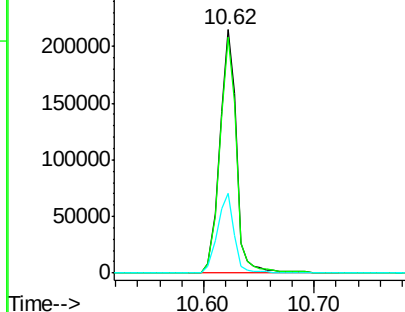


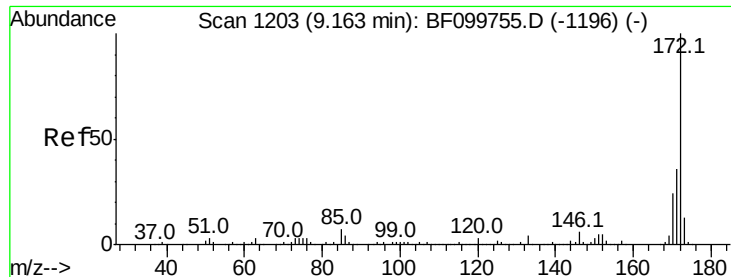
#41
2,4,6-Tribromophenol
Concen: 142.208 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF100079.D
Acq: 2 Nov 2017 7:23

Tgt Ion:330 Resp: 226456
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 33.2 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



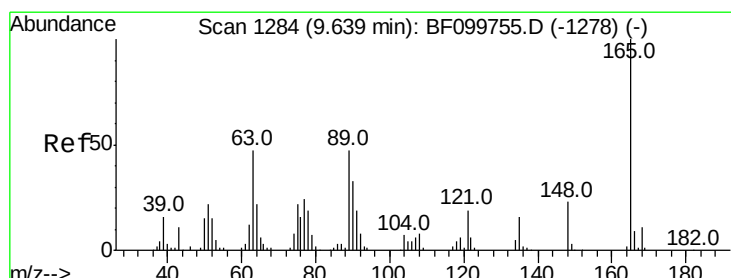
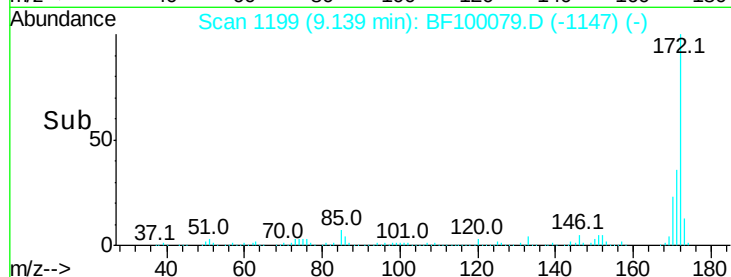
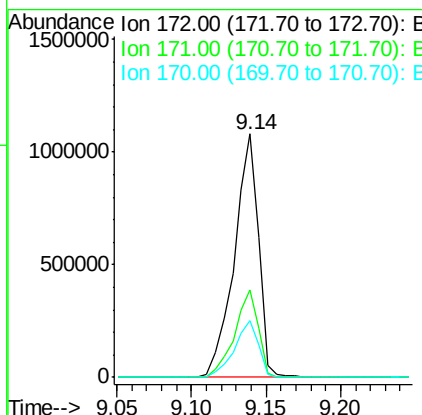
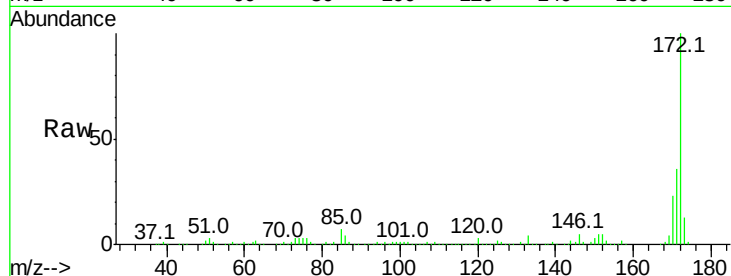


#44
 2-Fluorobiphenyl
 Concen: 108.143 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF100079.D
 Acq: 2 Nov 2017 7:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1224807

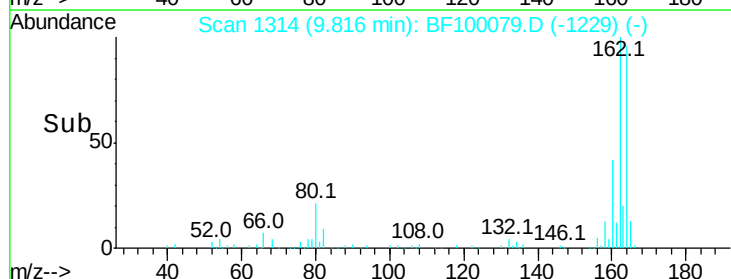
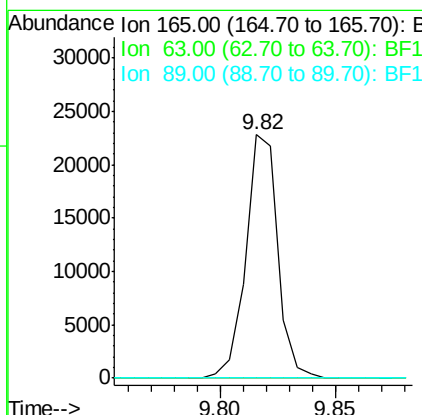
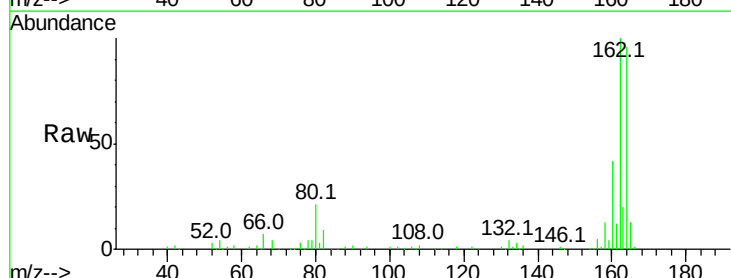
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	19.6	29.4

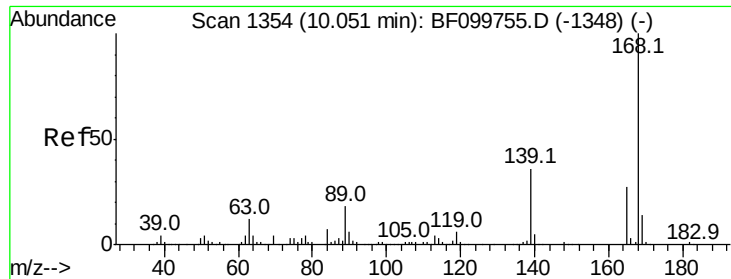


#50
 2,6-Dinitrotoluene
 Concen: 7.554 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.20 min
 Lab File: BF100079.D
 Acq: 2 Nov 2017 7:23

Tgt Ion:165 Resp: 21974

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

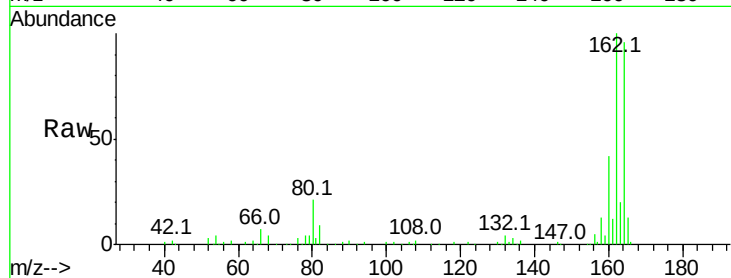




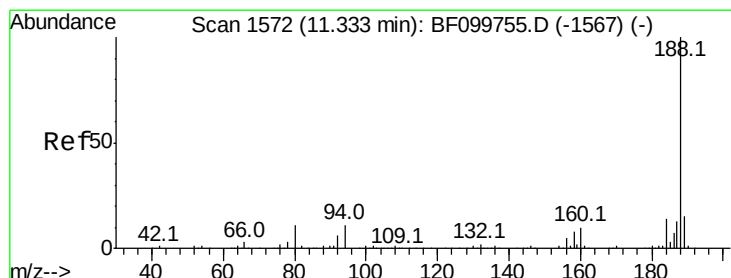
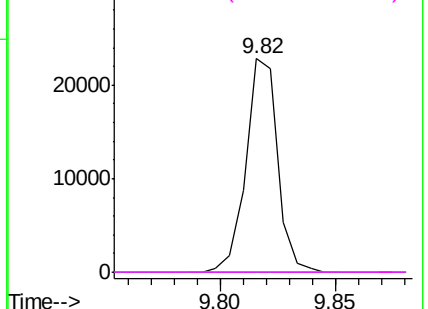
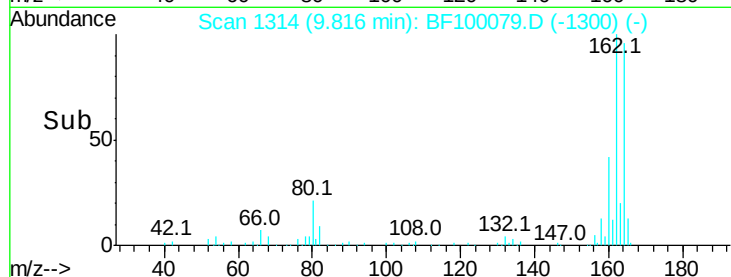
#56
 2,4-Dinitrotoluene
 Concen: 6.272 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.22 min
 Lab File: BF100079.D
 Acq: 2 Nov 2017 7:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 21974
 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#

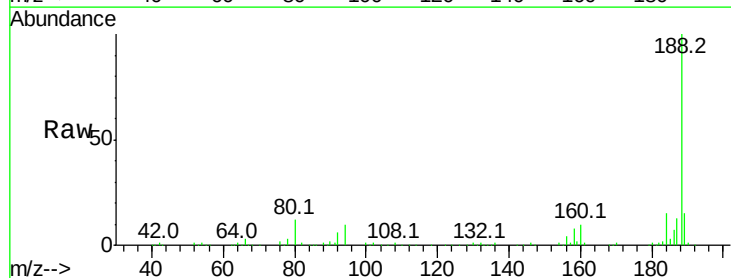


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

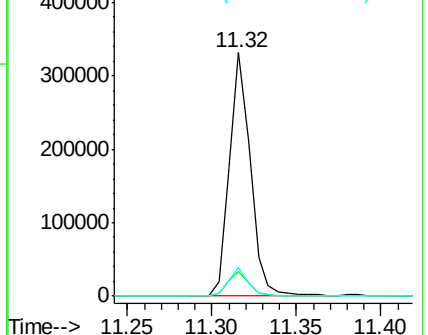
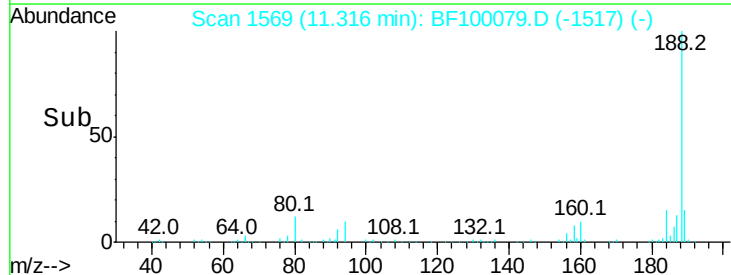


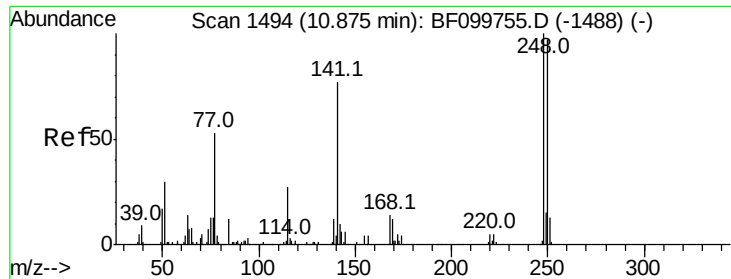
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF100079.D
 Acq: 2 Nov 2017 7:23

Tgt Ion:188 Resp: 286129
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

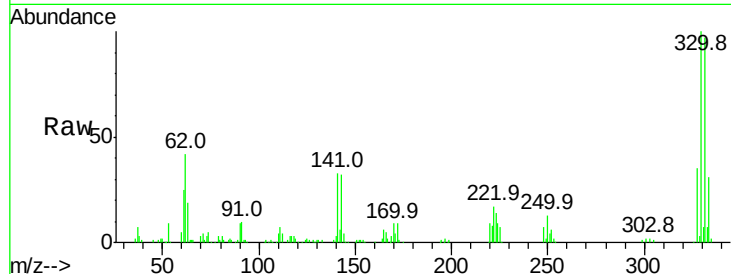




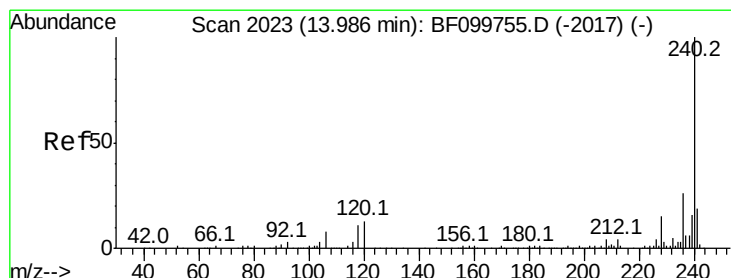
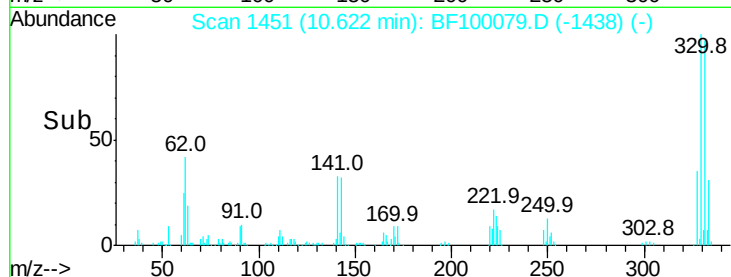
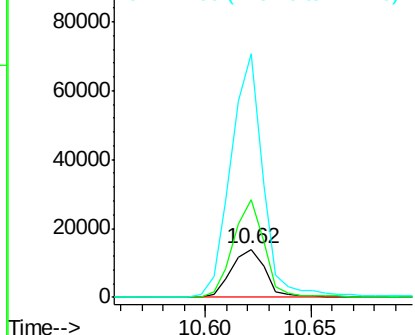
#66
 4-Bromophenyl-phenylether
 Concen: 5.116 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.22 min
 Lab File: BF100079.D
 Acq: 2 Nov 2017 7:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 15410
 Ion Ratio Lower Upper
 248 100
 250 204.3 76.9 115.3#
 141 506.2 74.4 111.6#

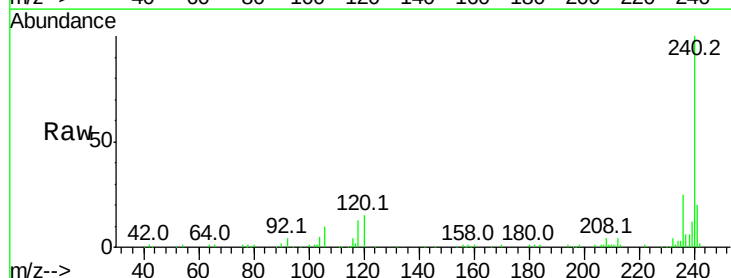


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

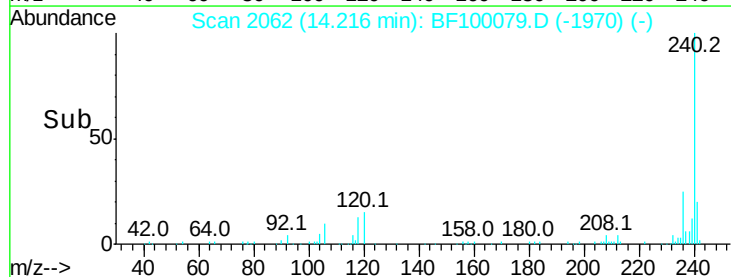
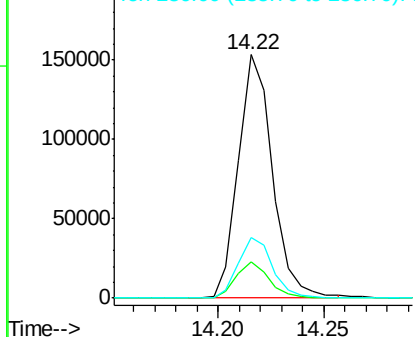


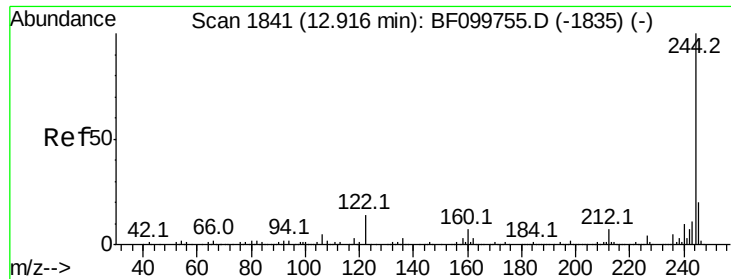
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.22 min Scan# 2062
 Delta R.T. 0.24 min
 Lab File: BF100079.D
 Acq: 2 Nov 2017 7:23

Tgt Ion:240 Resp: 171843
 Ion Ratio Lower Upper
 240 100
 120 14.7 9.5 14.3#
 236 25.0 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: 114.976 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.08 min

Lab File: BF100079.D

Acq: 2 Nov 2017 7:23

Instrument :

BNA_F

ClientSampleId :

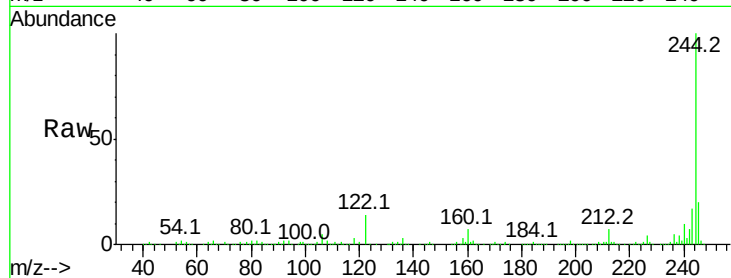
Tot Ion:244 Resp: 904095

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

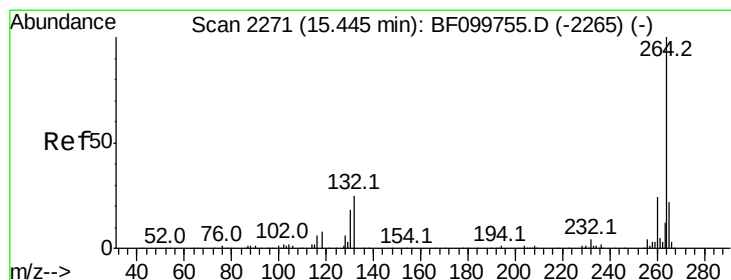
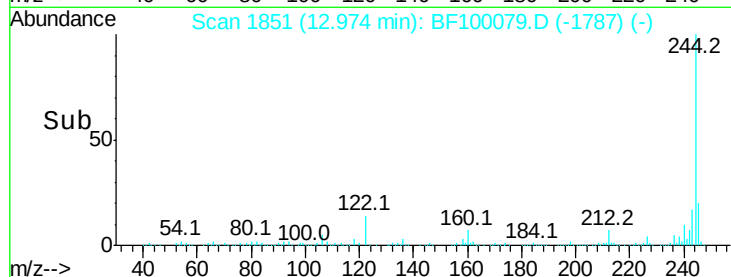
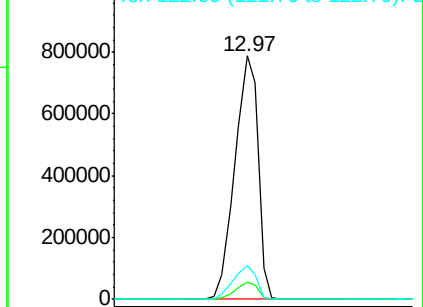
122 13.8 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 16.00 min Scan# 2366

Delta R.T. 0.54 min

Lab File: BF100079.D

Acq: 2 Nov 2017 7:23

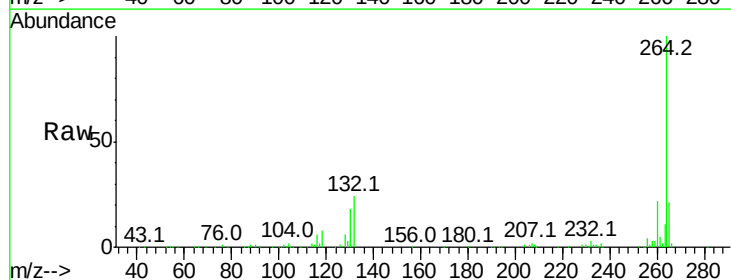
Tgt Ion:264 Resp: 111940

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 21.1 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

