

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100086.D
 Acq On : 2 Nov 2017 15:53
 Operator : SJ/JU
 Sample : I6140-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 17:19:20 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

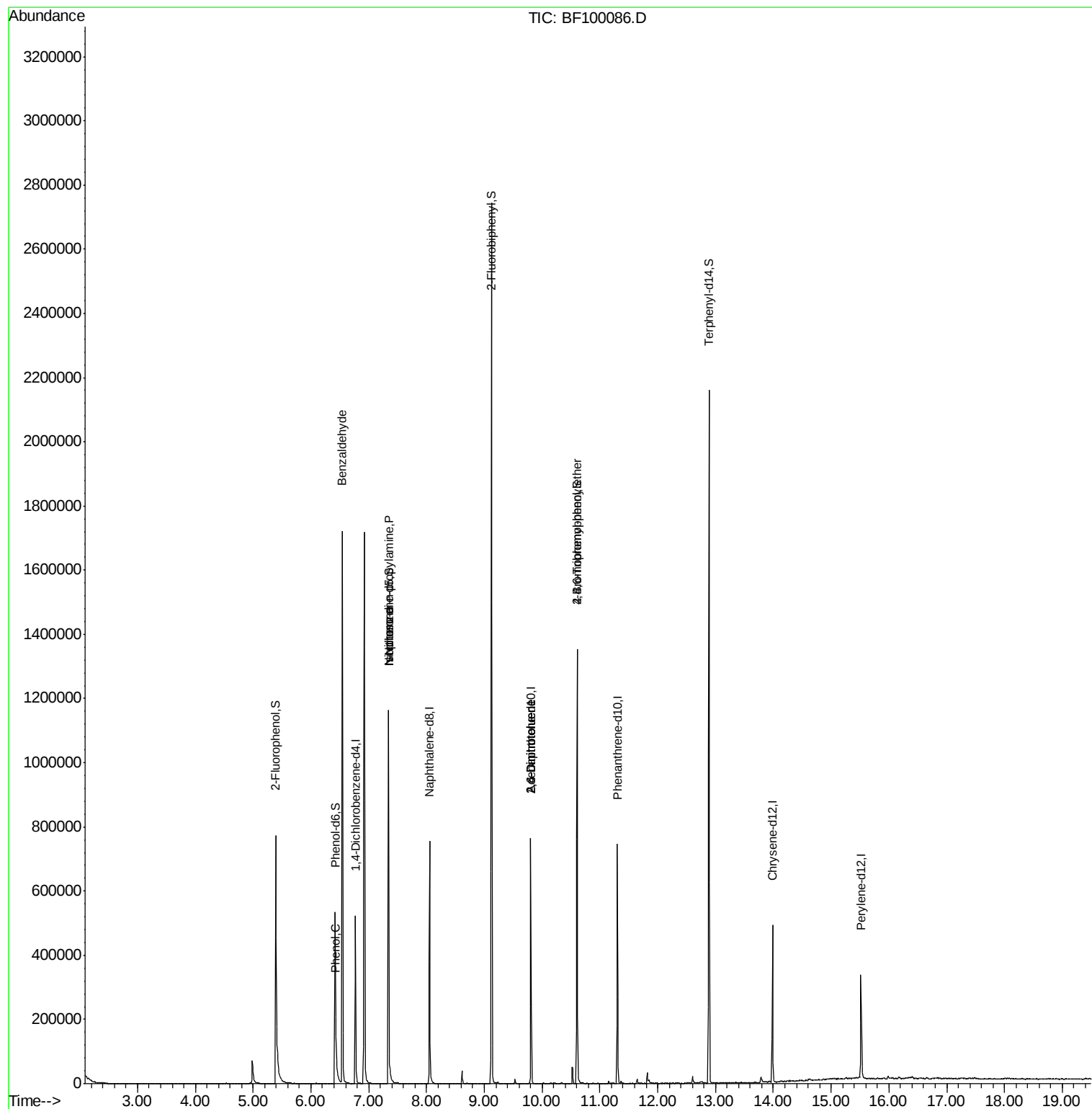
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	86472	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	357958	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	163212	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	283102	20.00	ng	0.00
75) Chrysene-d12	13.99	240	178518	20.00	ng	0.01
86) Perylene-d12	15.52	264	158667	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	364065	66.10	ng	0.00
7) Phenol-d6	6.42	99	291237	44.59	ng	-0.01
23) Nitrobenzene-d5	7.35	82	453779	81.61	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	179277	120.53	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	902954	85.36	ng	0.00
78) Terphenyl-d14	12.89	244	748027	91.57	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	9712	2.489	ng	91
10) Phenol	6.43	94	14825	2.068	ng	# 76
19) n-Nitroso-di-n-propylamine	7.35	70	54796	14.317	ng	# 70
25) Isophorone	7.35	82	453779	44.977	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	20994	7.726	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	20994	6.416	ng	# 22
66) 4-Bromophenyl-phenylether	10.60	248	11907	3.995	ng	# 1

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

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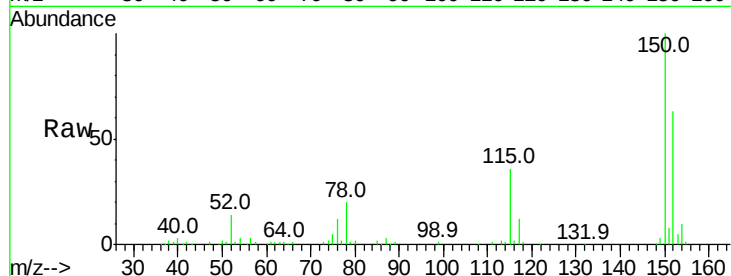


#1

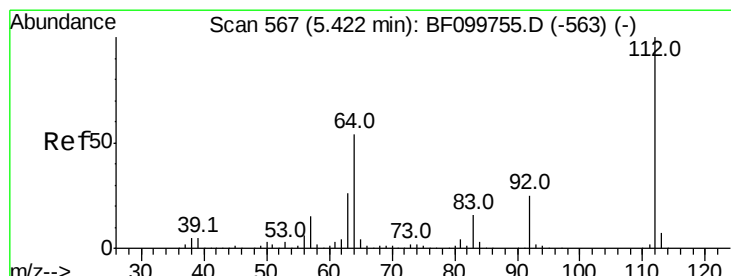
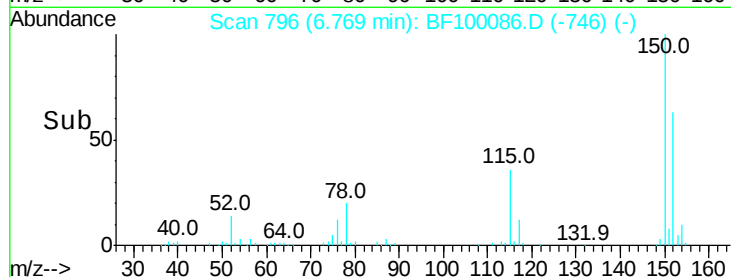
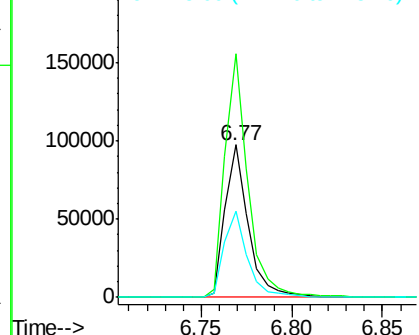
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100086.D
Acq: 2 Nov 2017 15:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 86472
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 56.8 50.1 75.1



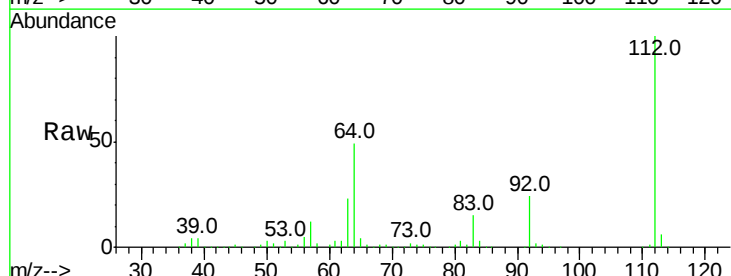
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



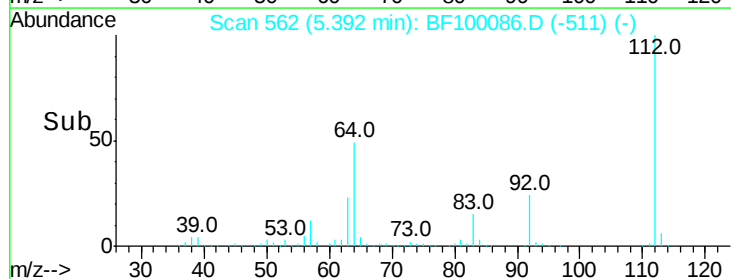
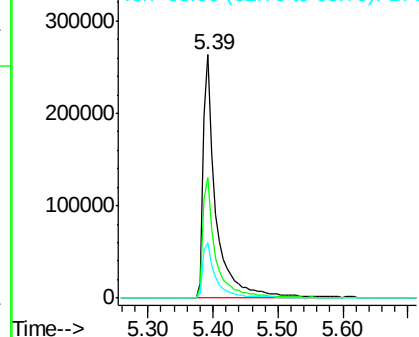
#5

2-Fluorophenol
Concen: 66.099 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100086.D
Acq: 2 Nov 2017 15:53

Tgt Ion:112 Resp: 364065
Ion Ratio Lower Upper
112 100
64 49.4 47.9 71.9
63 22.9 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: 44.594 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100086.D

Acq: 2 Nov 2017 15:53

Instrument :

BNA_F

ClientSampled :

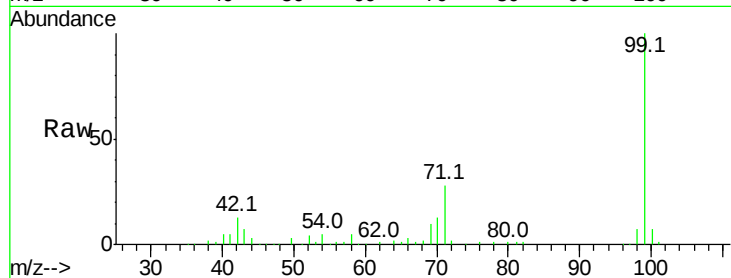
Tot Ion: 99 Resp: 291237

Ion Ratio Lower Upper

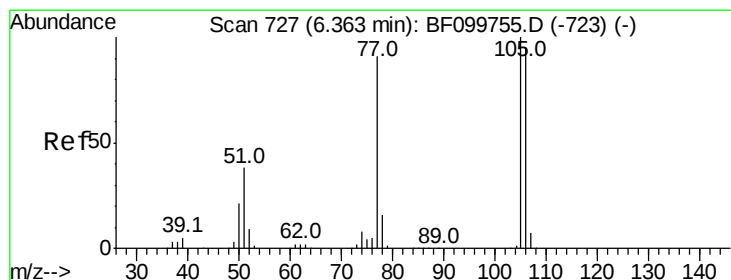
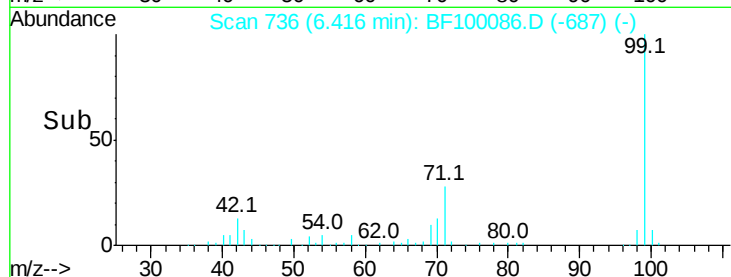
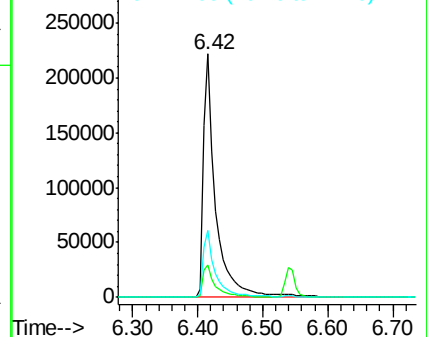
99 100

42 13.4 14.5 21.7#

71 27.7 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: 2.489 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.20 min

Lab File: BF100086.D

Acq: 2 Nov 2017 15:53

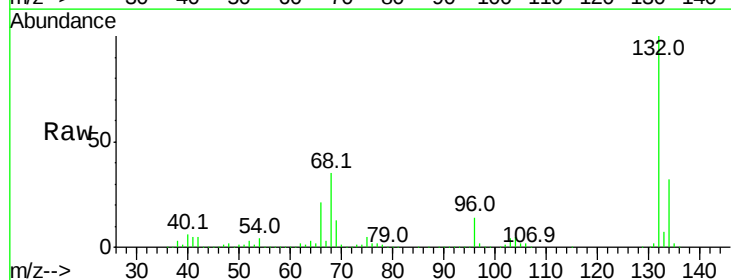
Tgt Ion: 77 Resp: 9712

Ion Ratio Lower Upper

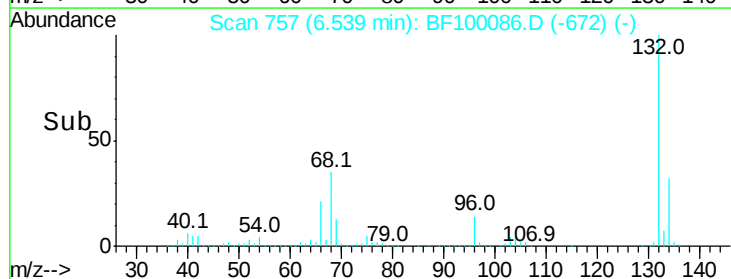
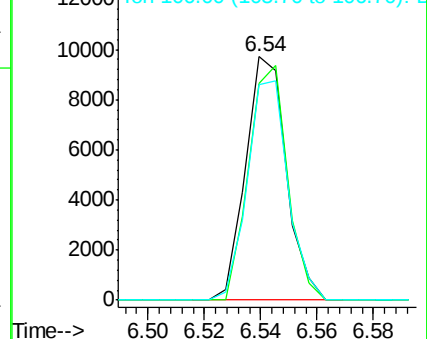
77 100

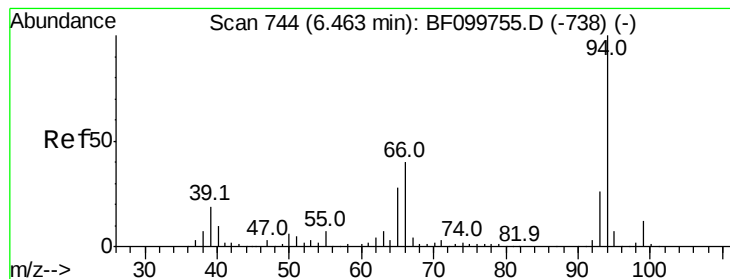
105 88.8 81.1 121.1

106 88.7 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





#10

Phenol

Concen: 2.068 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100086.D

Acq: 2 Nov 2017 15:53

Instrument :

BNA_F

ClientSampleId :

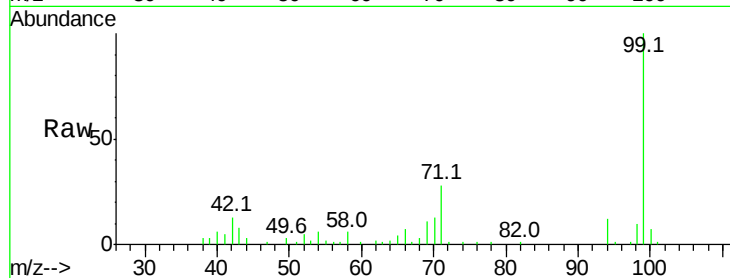
Tot Ion: 94 Resp: 14825

Ion Ratio Lower Upper

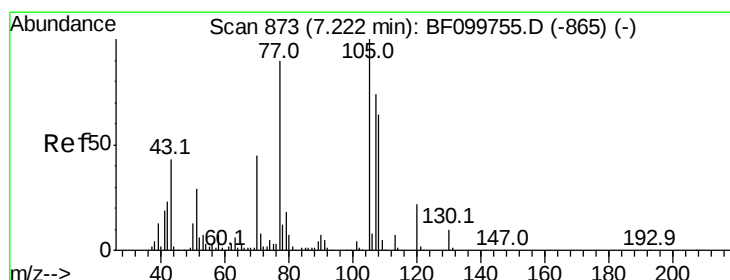
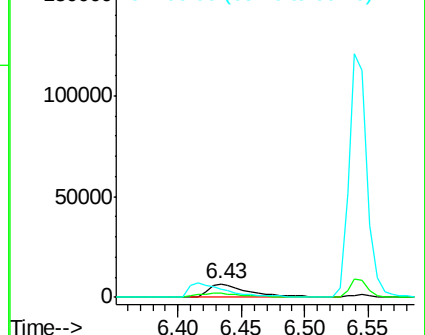
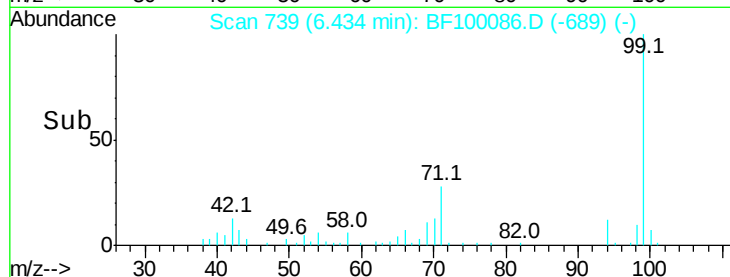
94 100

65 30.7 7.9 47.9

66 58.5 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.317 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.15 min

Lab File: BF100086.D

Acq: 2 Nov 2017 15:53

Tgt Ion: 70 Resp: 54796

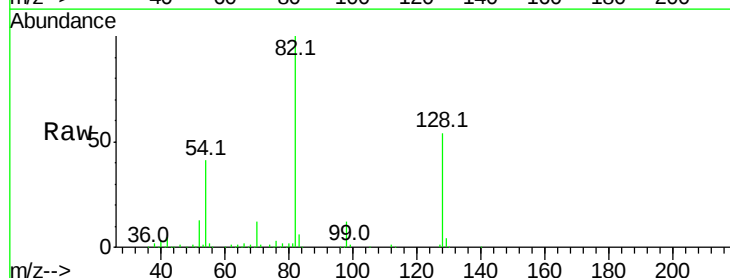
Ion Ratio Lower Upper

70 100

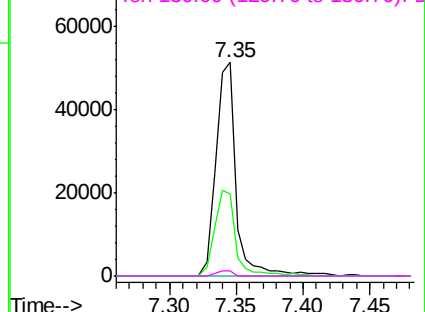
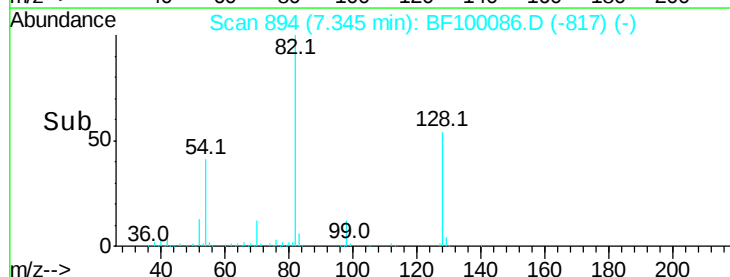
42 38.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

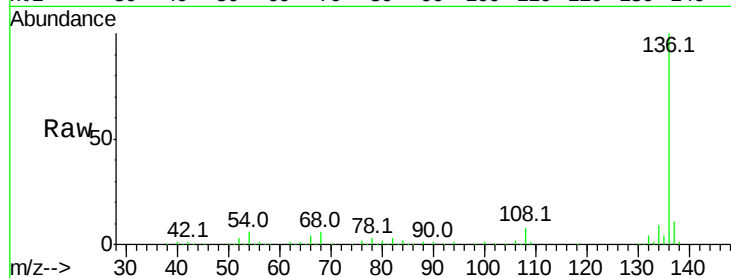




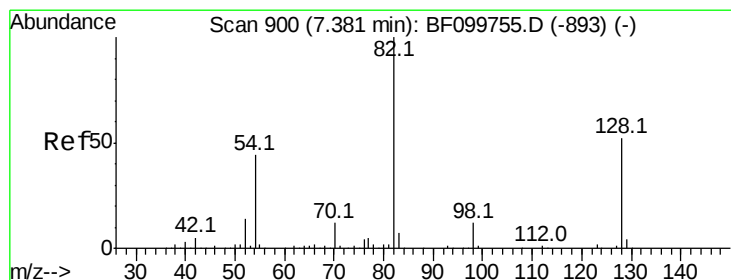
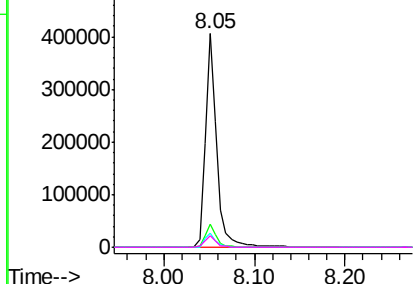
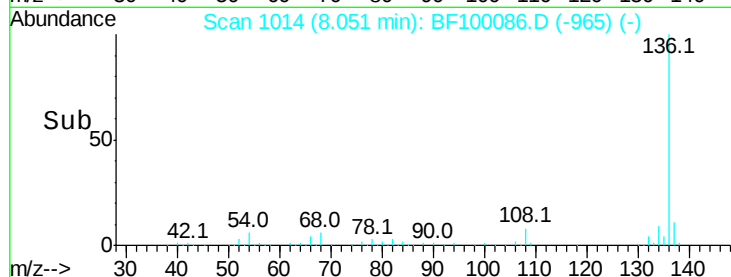
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100086.D
Acq: 2 Nov 2017 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	357958
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.3	6.6 9.8#
68	5.7	5.0 7.4

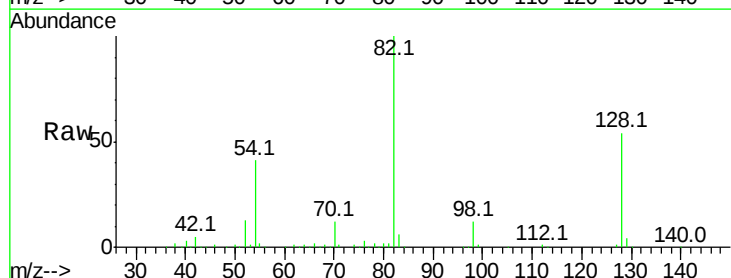


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

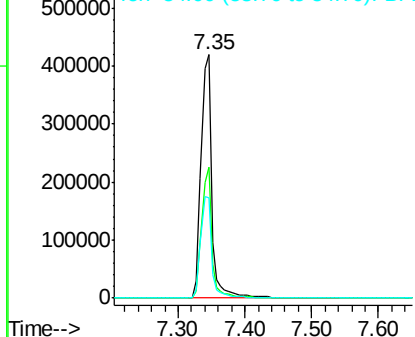
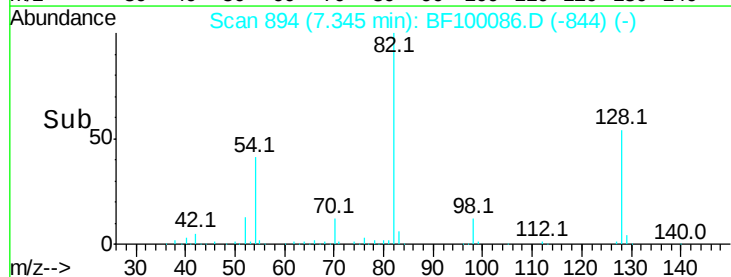


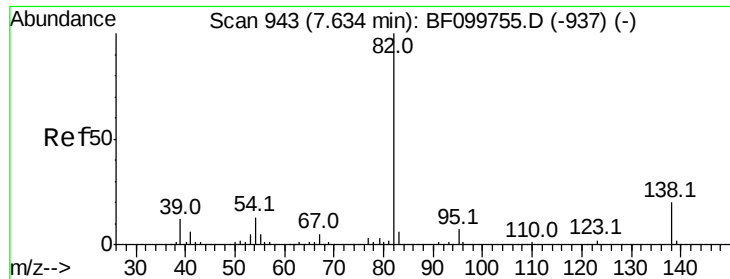
#23
Nitrobenzene-d5
Concen: 81.614 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF100086.D
Acq: 2 Nov 2017 15:53

Tgt Ion: 82	Resp:	453779
Ion Ratio	Lower	Upper
82	100	
128	53.9	36.1 54.1
54	41.2	41.4 62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.977 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF100086.D

Acq: 2 Nov 2017 15:53

Instrument :

BNA_F

ClientSampleId :

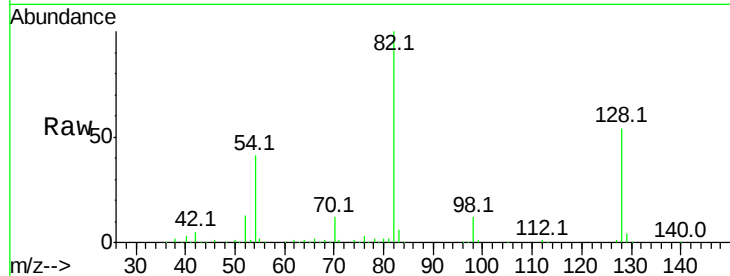
Tot Ion: 82 Resp: 453779

Ion Ratio Lower Upper

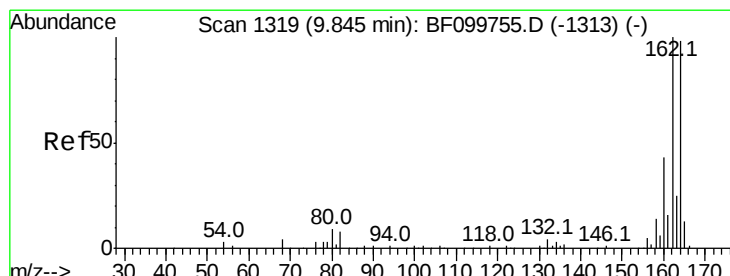
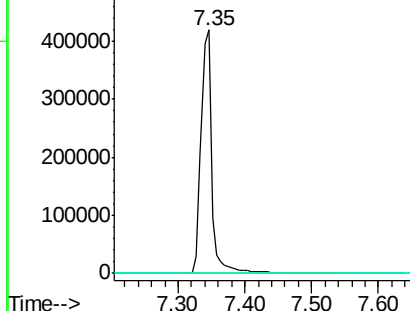
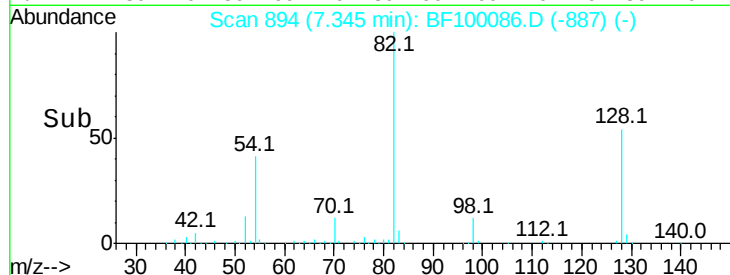
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100086.D

Acq: 2 Nov 2017 15:53

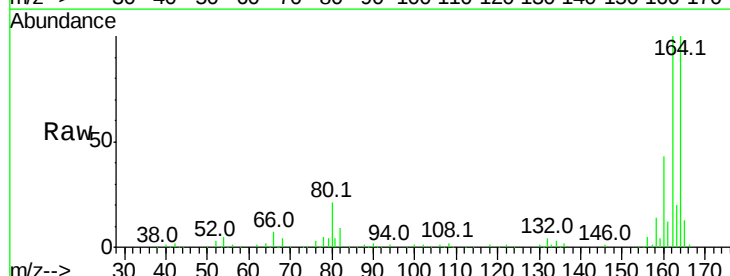
Tgt Ion:164 Resp: 163212

Ion Ratio Lower Upper

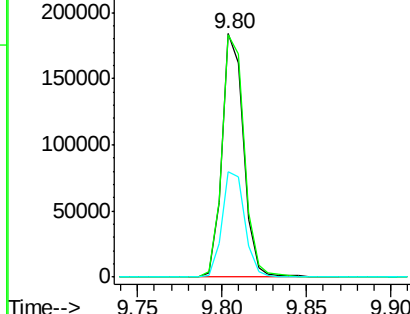
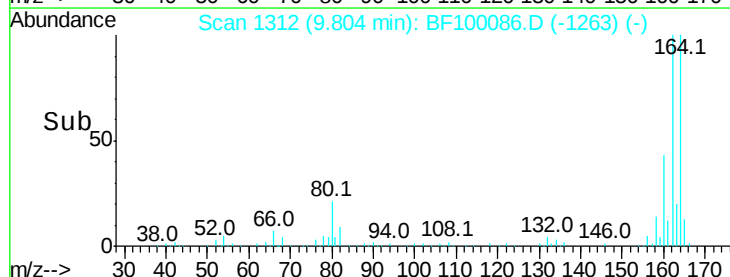
164 100

162 99.5 86.1 129.1

160 43.2 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

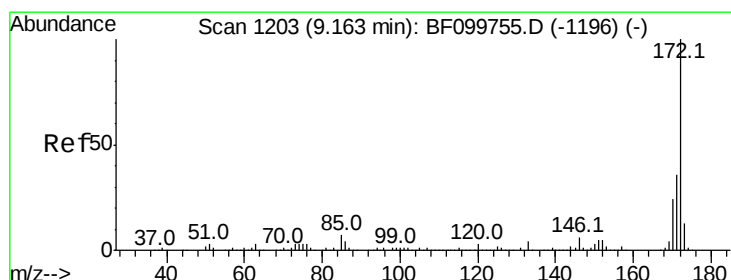
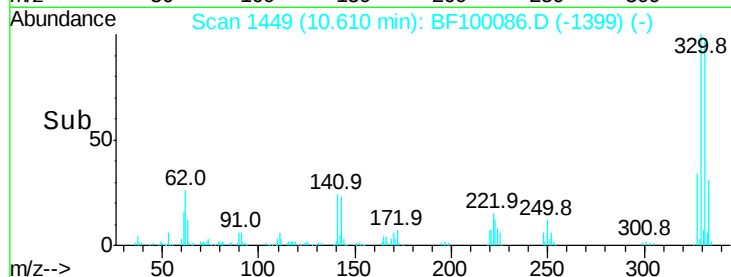
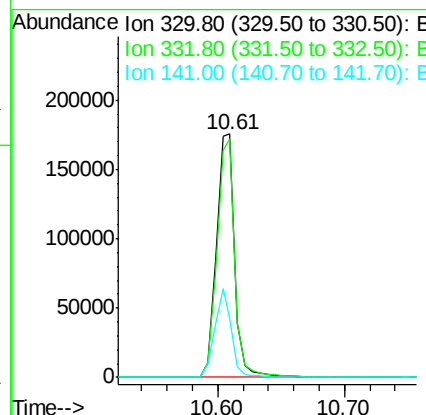
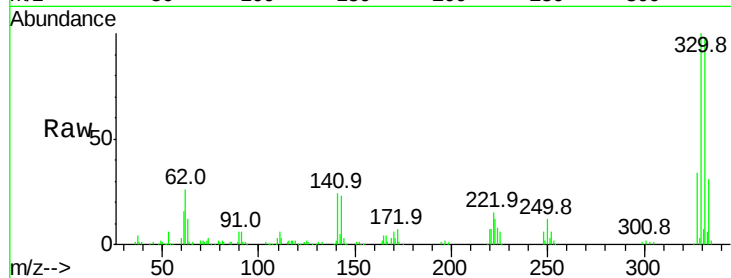




#41
 2,4,6-Tribromophenol
 Concen: 120.532 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF100086.D
 Acq: 2 Nov 2017 15:53

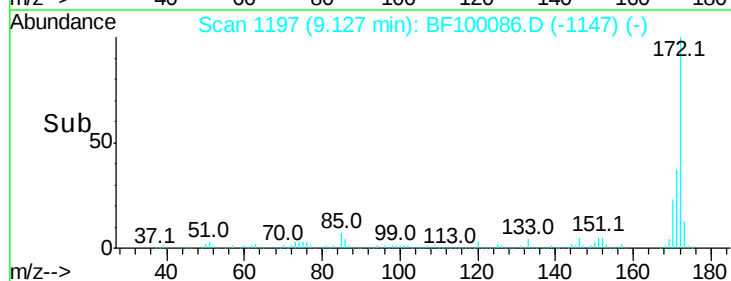
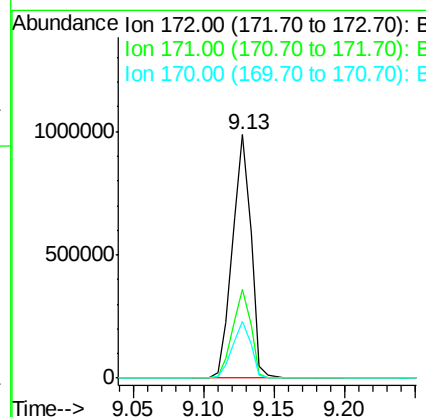
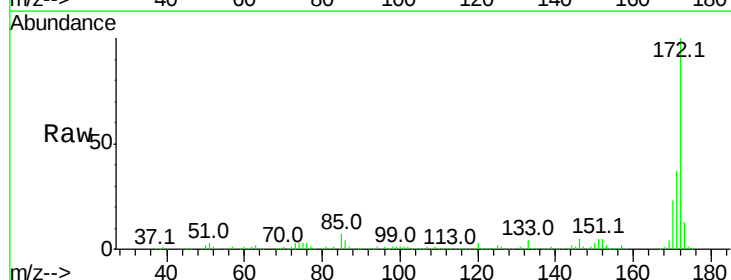
Instrument :
 BNA_F
 ClientSampleId :

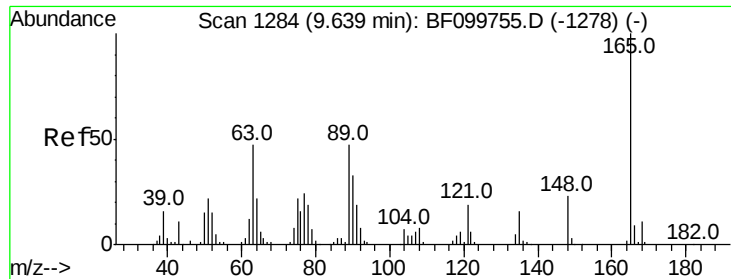
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 85.356 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100086.D
 Acq: 2 Nov 2017 15:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.3	19.6	29.4

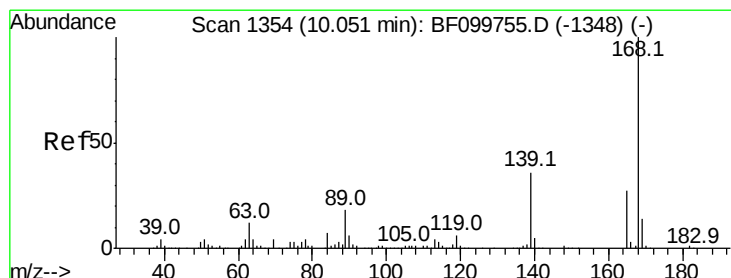
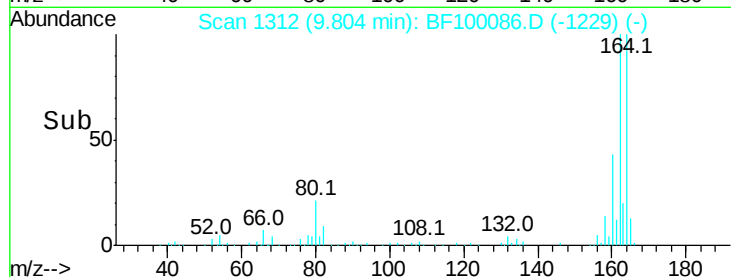
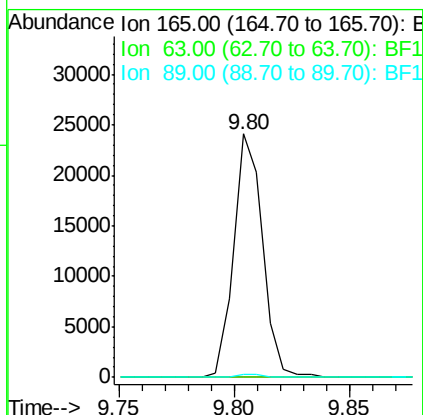
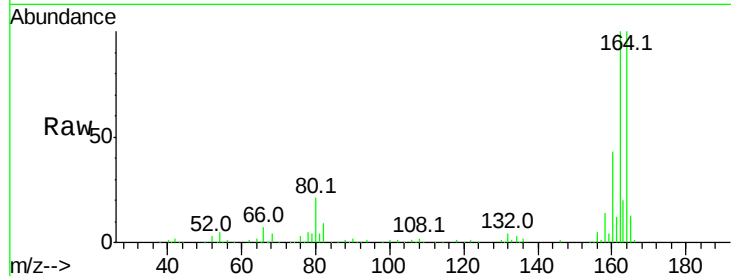




#50
 2,6-Dinitrotoluene
 Concen: 7.726 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF100086.D
 Acq: 2 Nov 2017 15:53

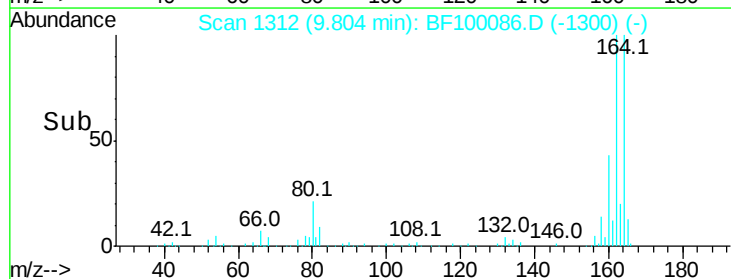
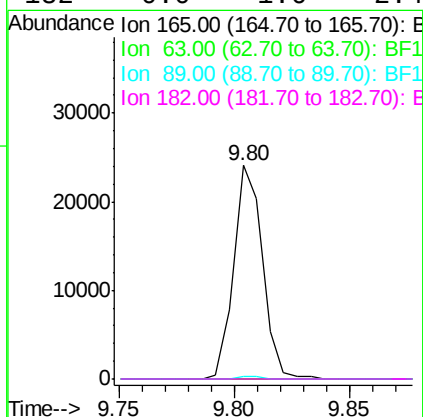
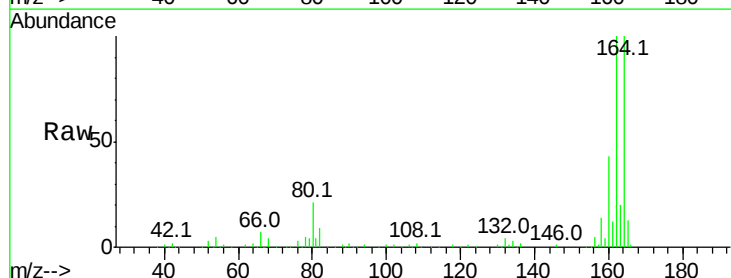
Instrument :
 BNA_F
 ClientSampleId :

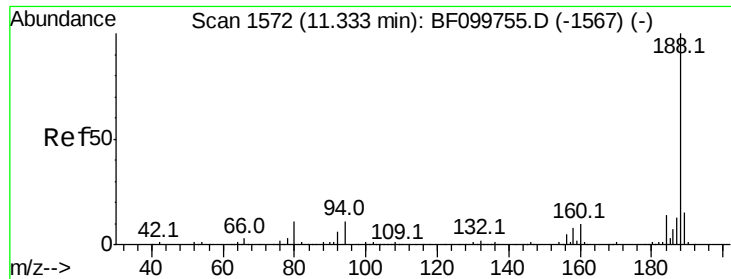
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.416 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.23 min
 Lab File: BF100086.D
 Acq: 2 Nov 2017 15:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

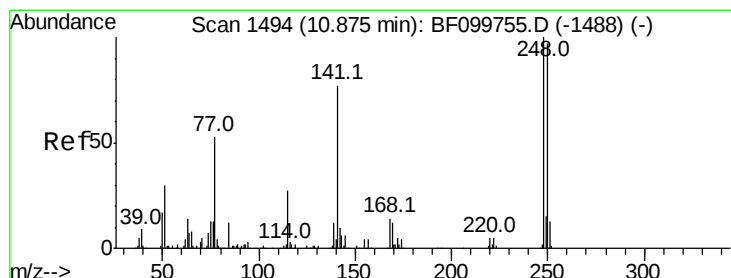
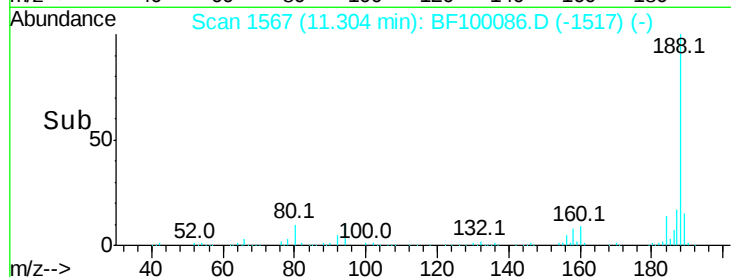
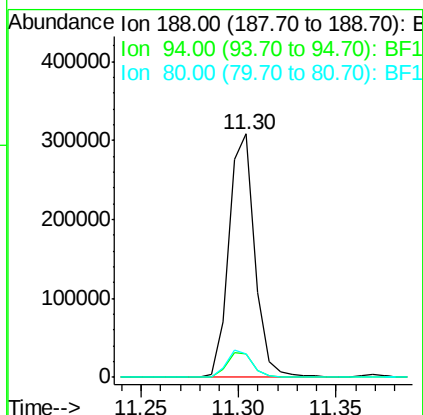
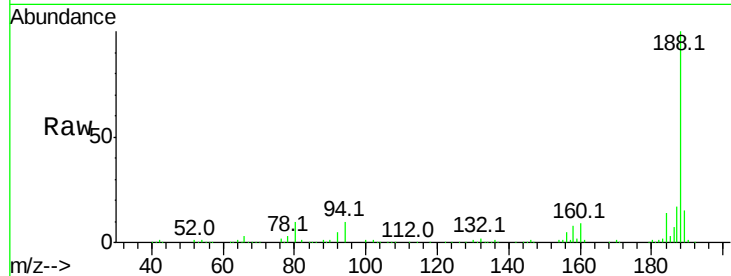




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF100086.D
Acq: 2 Nov 2017 15:53

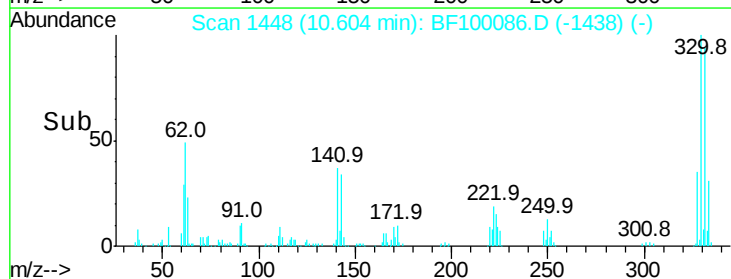
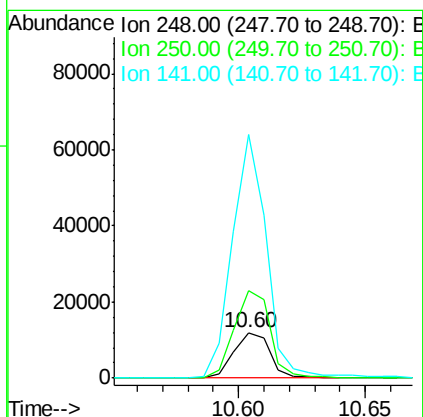
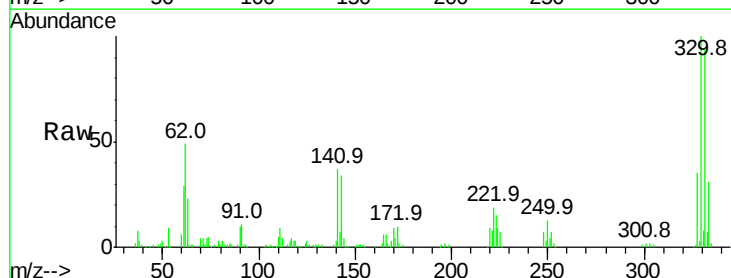
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 283102
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 9.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.995 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.24 min
Lab File: BF100086.D
Acq: 2 Nov 2017 15:53

Tgt Ion:248 Resp: 11907
Ion Ratio Lower Upper
248 100
250 190.3 76.9 115.3#
141 531.4 74.4 111.6#

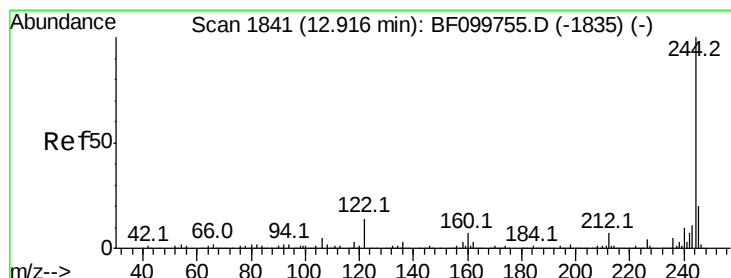
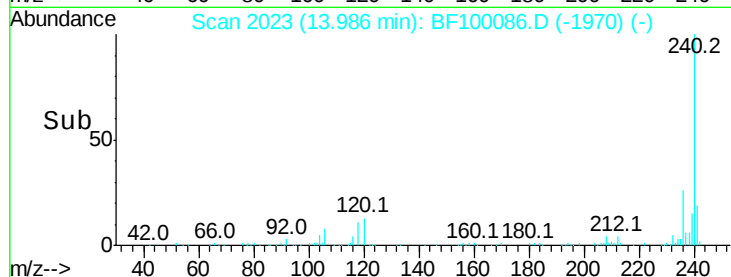
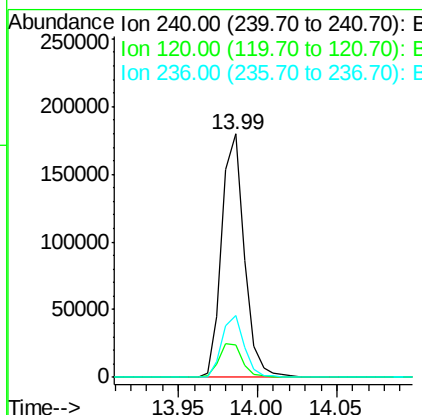
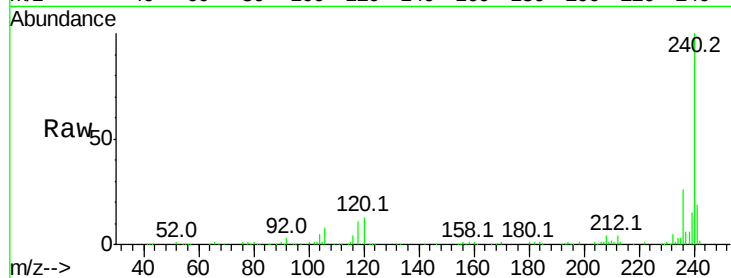




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF100086.D
 Acq: 2 Nov 2017 15:53

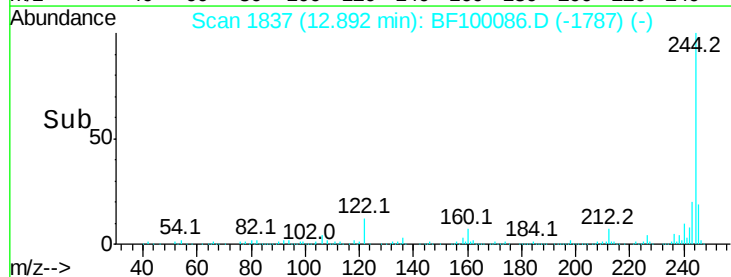
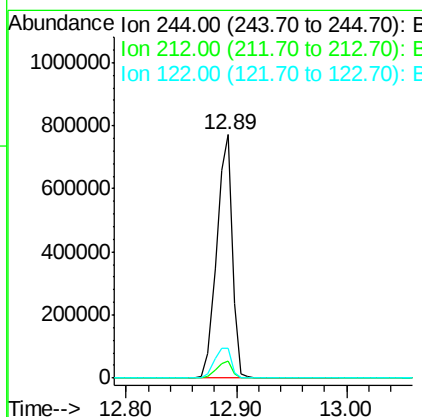
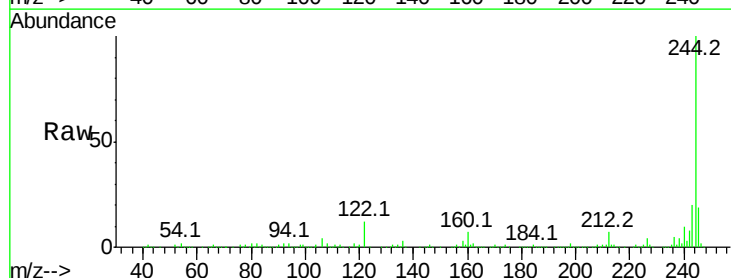
Instrument :
 BNA_F
 ClientSampleID :

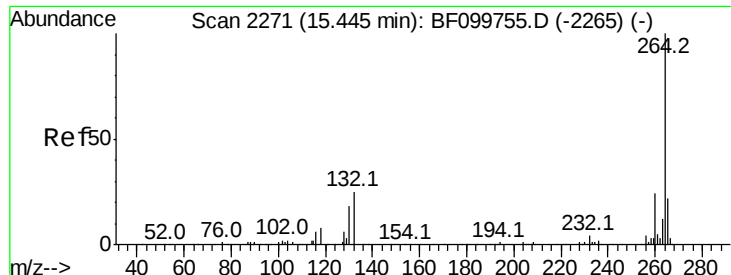
Tot Ion:240 Resp: 178518
 Ion Ratio Lower Upper
 240 100
 120 13.3 9.5 14.3
 236 25.5 20.7 31.1



#78
 Terphenyl-d14
 Concen: 91.572 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF100086.D
 Acq: 2 Nov 2017 15:53

Tgt Ion:244 Resp: 748027
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.4 11.0 16.4

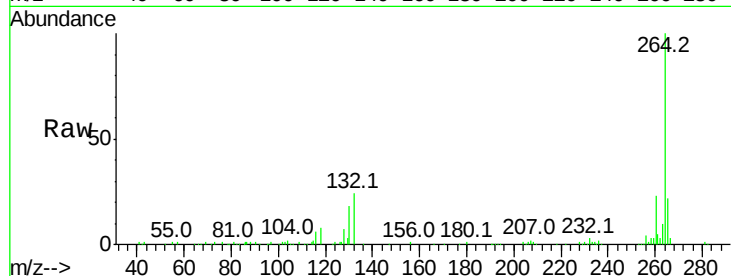




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.05 min
Lab File: BF100086.D
Acq: 2 Nov 2017 15:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	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

