

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100084.D
 Acq On : 2 Nov 2017 14:59
 Operator : SJ/JU
 Sample : I6226-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 16:14:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 16:13:54 2017
 Response via : Initial Calibration

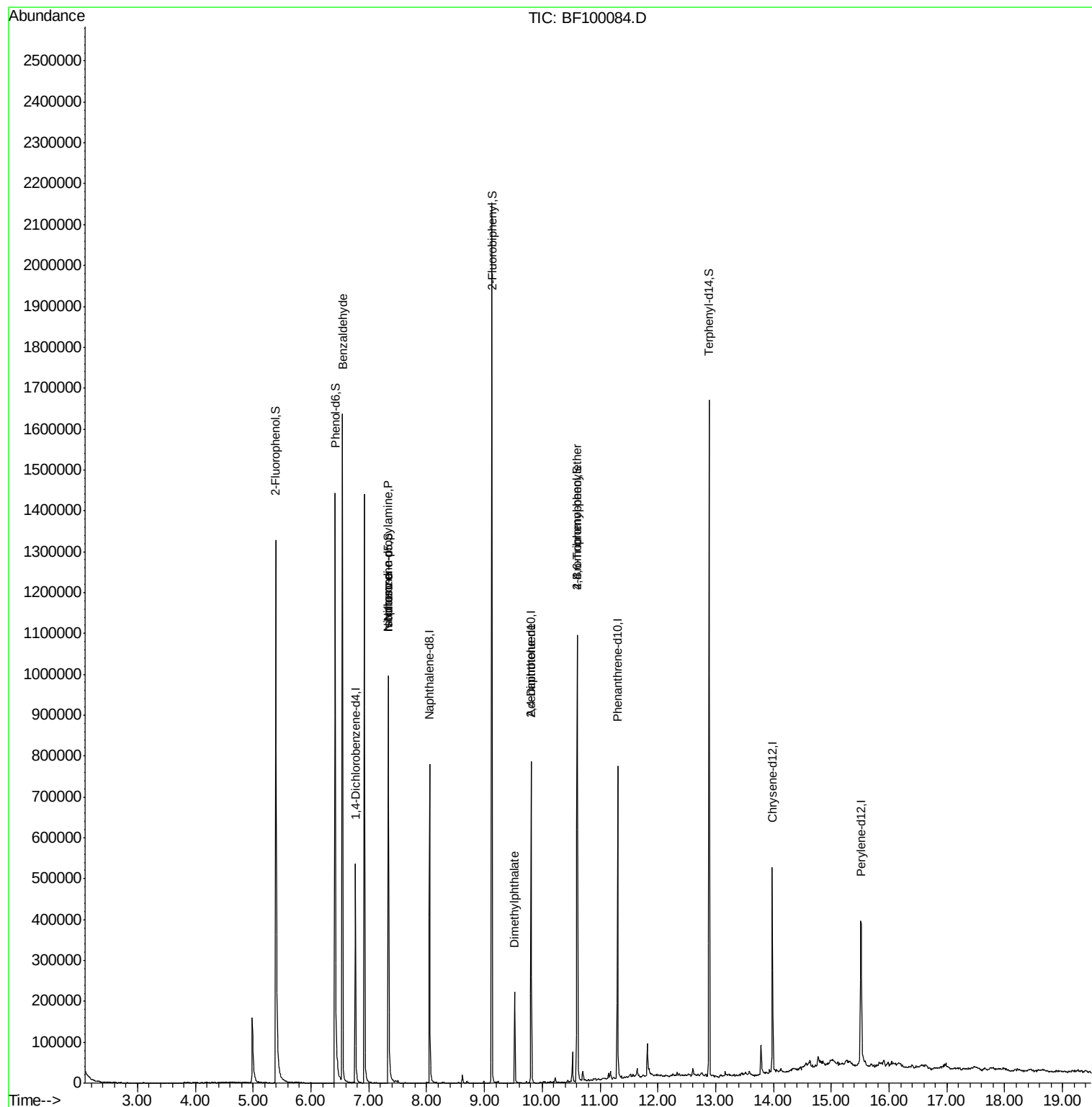
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	88081	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	367123	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	165478	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	283599	20.00	ng	0.00
75) Chrysene-d12	13.98	240	173292	20.00	ng	0.00
86) Perylene-d12	15.51	264	166729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	516977	92.15	ng	0.00
7) Phenol-d6	6.42	99	625441	94.02	ng	0.00
23) Nitrobenzene-d5	7.34	82	352103	61.75	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	138005	91.51	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	674159	62.86	ng	0.00
78) Terphenyl-d14	12.89	244	522121	65.84	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	9061	2.279	ng	88
19) n-Nitroso-di-n-propylamine	7.34	70	43143	11.067	ng	# 70
25) Isophorone	7.34	82	352103	34.028	ng	# 64
49) Dimethylphthalate	9.52	163	101348	7.734	ng	98
56) 2,4-Dinitrotoluene	9.80	165	20660	6.227	ng	# 21
66) 4-Bromophenyl-phenylether	10.60	248	9178	3.074	ng	# 1

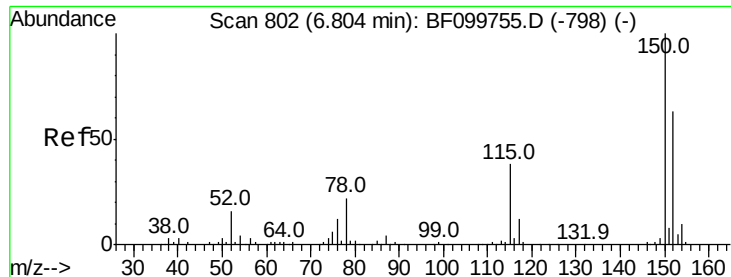
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 02 16:13:54 2017
Response via : Initial Calibration



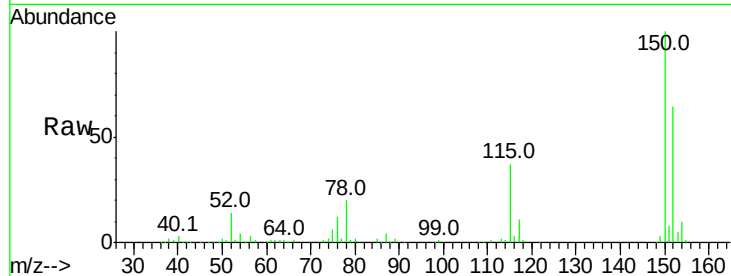


#1

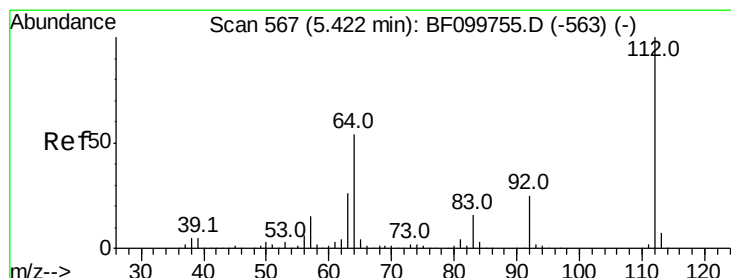
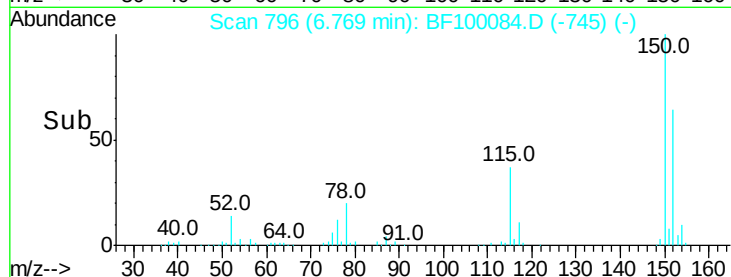
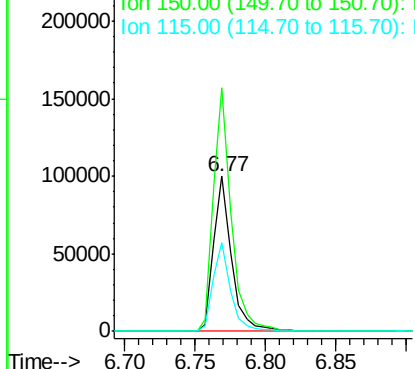
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100084.D
Acq: 2 Nov 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88081
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 57.6 50.1 75.1



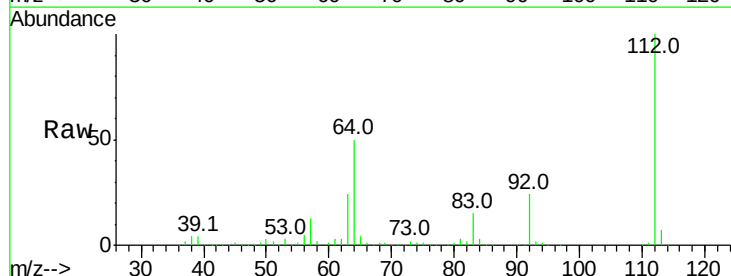
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



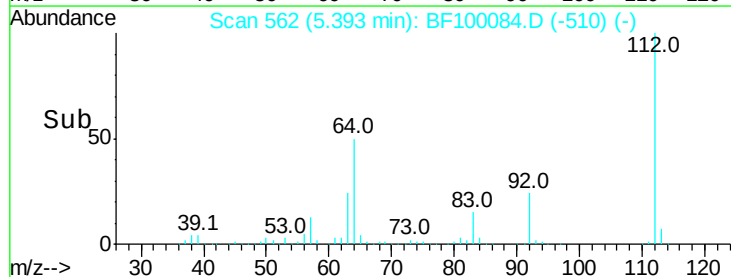
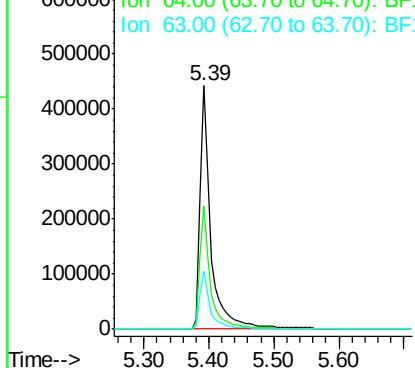
#5

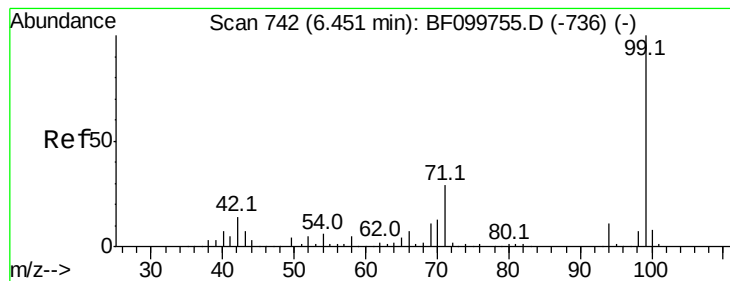
2-Fluorophenol
Concen: 92.147 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF100084.D
Acq: 2 Nov 2017 14:59

Tgt Ion:112 Resp: 516977
Ion Ratio Lower Upper
112 100
64 50.4 47.9 71.9
63 23.9 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: 94.018 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100084.D

Acq: 2 Nov 2017 14:59

Instrument :

BNA_F

ClientSampleId :

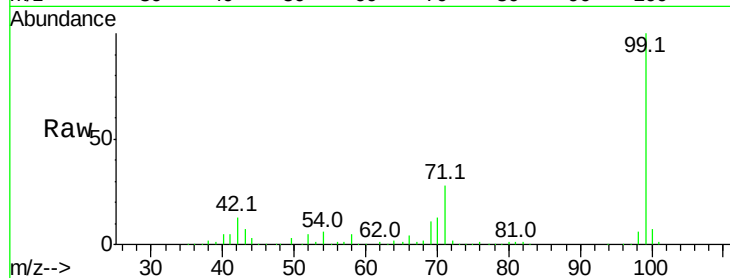
Tot Ion: 99 Resp: 625441

Ion Ratio Lower Upper

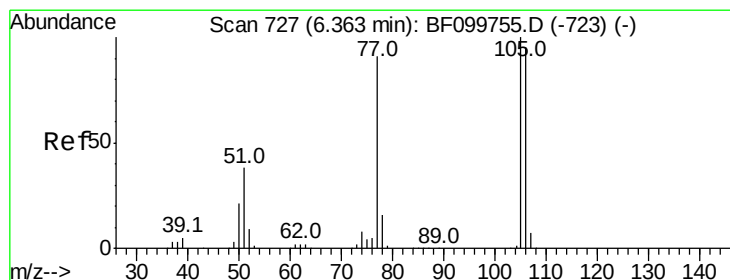
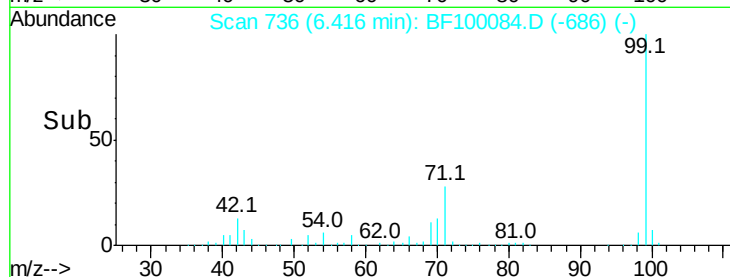
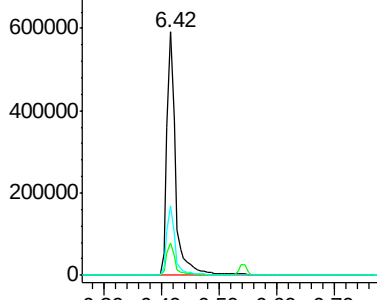
99 100

42 13.4 14.5 21.7#

71 28.3 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: 2.279 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100084.D

Acq: 2 Nov 2017 14:59

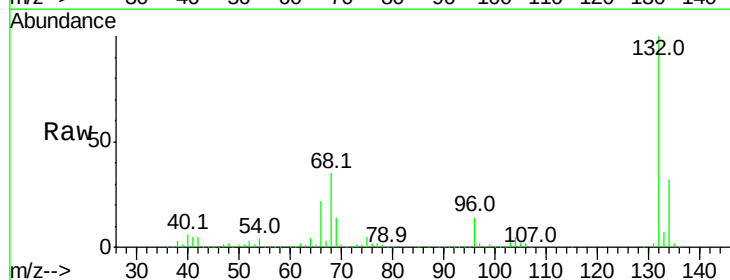
Tgt Ion: 77 Resp: 9061

Ion Ratio Lower Upper

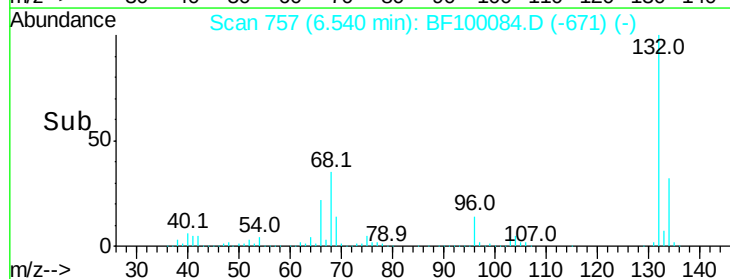
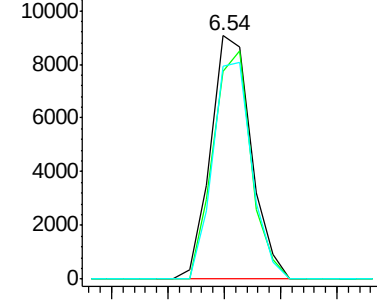
77 100

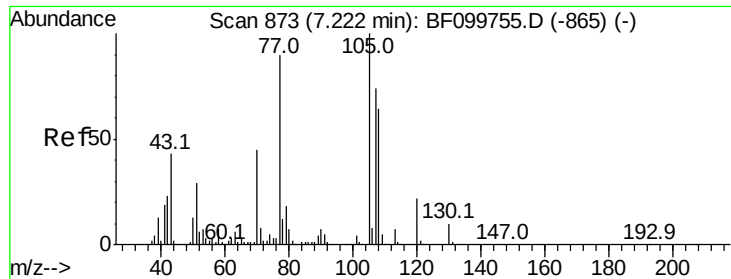
105 85.3 81.1 121.1

106 87.3 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

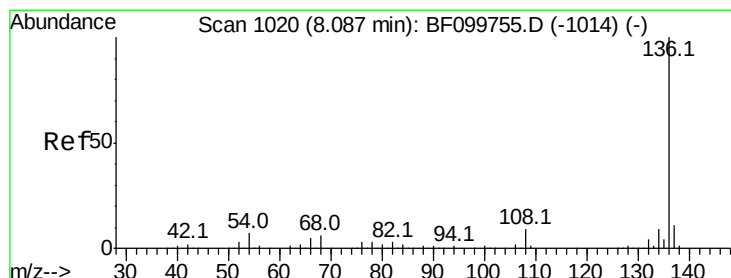
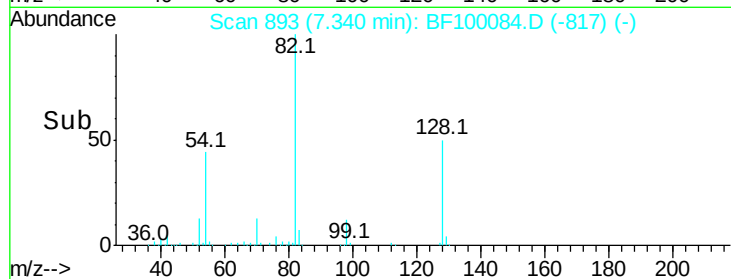
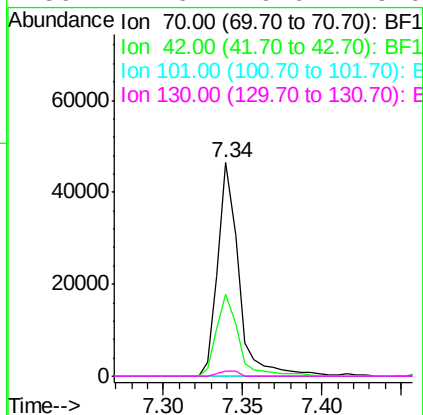
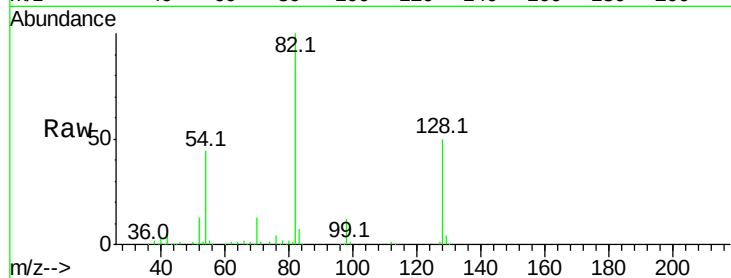




#19
n-Nitroso-di-n-propylamine
Concen: 11.067 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.15 min
Lab File: BF100084.D
Acq: 2 Nov 2017 14:59

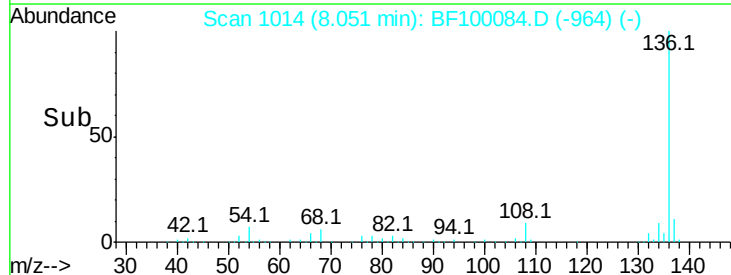
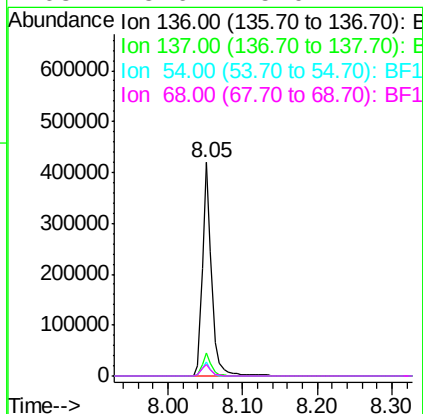
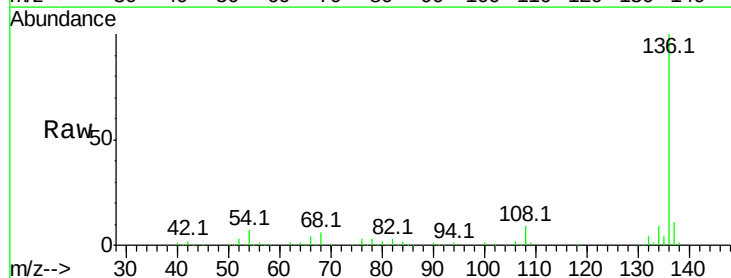
Instrument :
BNA_F
ClientSampleId :

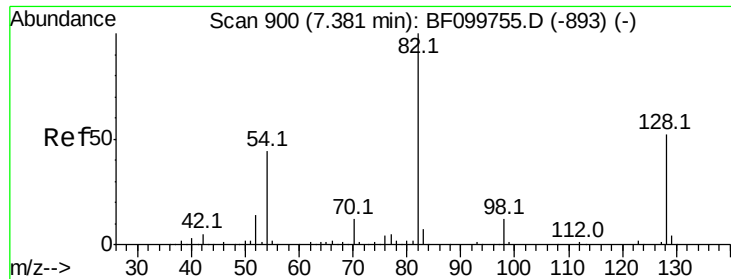
Tot Ion: 70 Resp: 43143
Ion Ratio Lower Upper
70 100
42 38.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100084.D
Acq: 2 Nov 2017 14:59

Tgt Ion:136 Resp: 367123
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.7 6.6 9.8
68 5.6 5.0 7.4

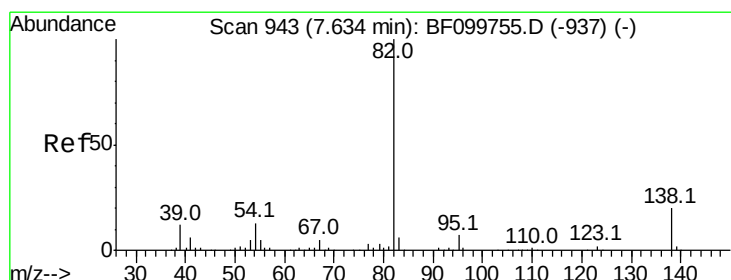
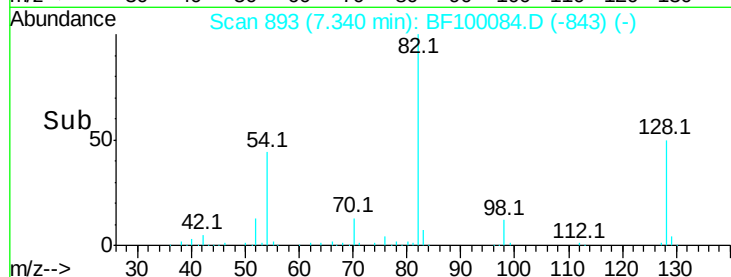
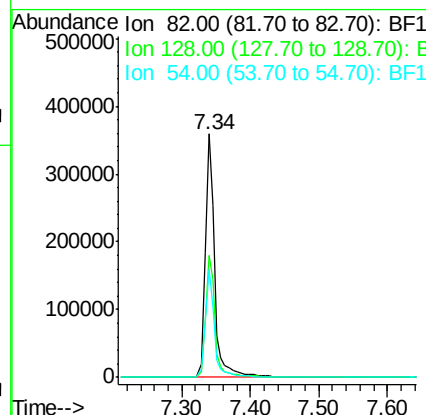
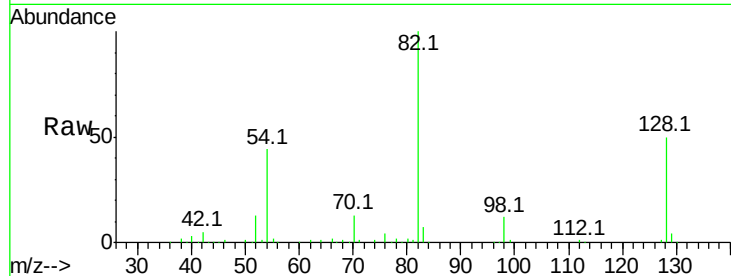




#23
Nitrobenzene-d5
Concen: 61.747 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100084.D
Acq: 2 Nov 2017 14:59

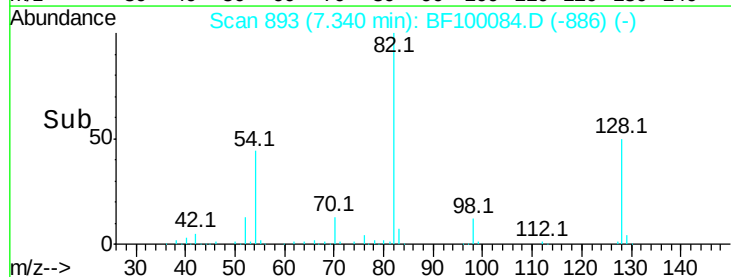
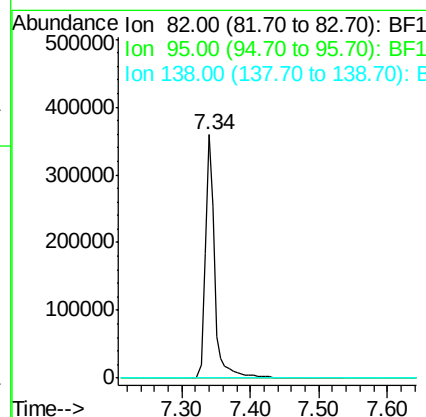
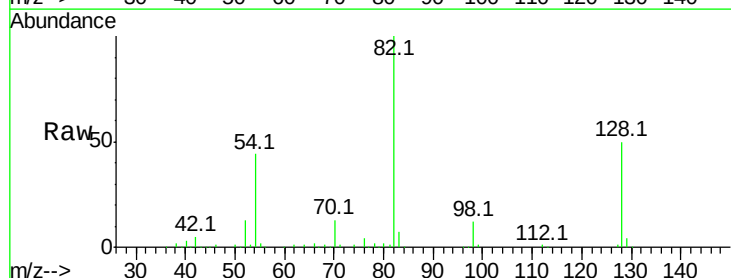
Instrument :
BNA_F
ClientSampled :

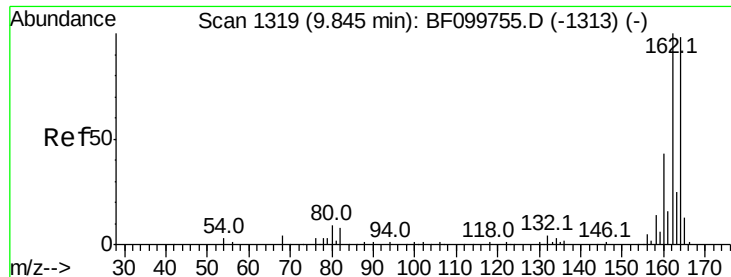
Tot Ion: 82 Resp: 352103
Ion Ratio Lower Upper
82 100
128 50.1 36.1 54.1
54 44.1 41.4 62.2



#25
Isophorone
Concen: 34.028 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.26 min
Lab File: BF100084.D
Acq: 2 Nov 2017 14:59

Tgt Ion: 82 Resp: 352103
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

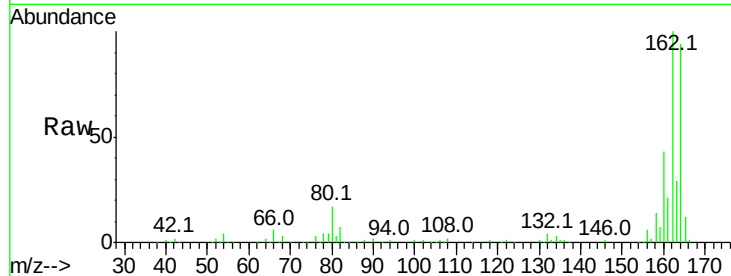




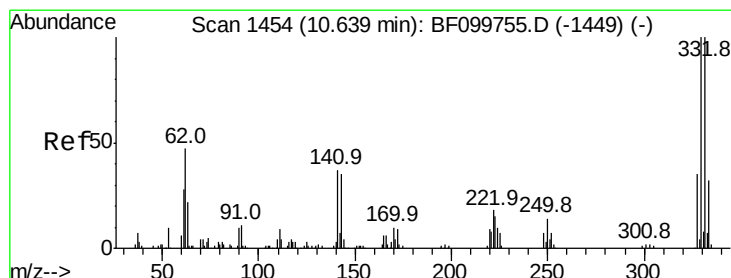
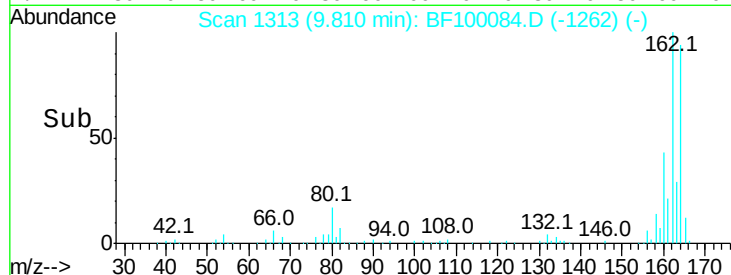
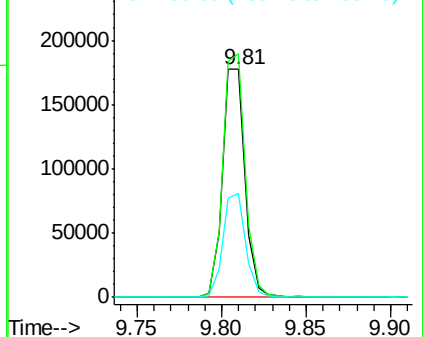
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF100084.D
Acq: 2 Nov 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 165478
Ion Ratio Lower Upper
164 100
162 106.9 86.1 129.1
160 45.7 38.3 57.5

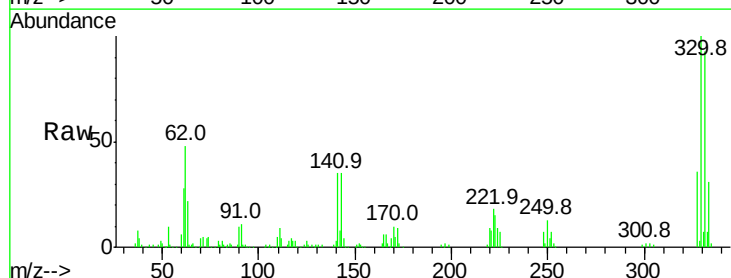


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

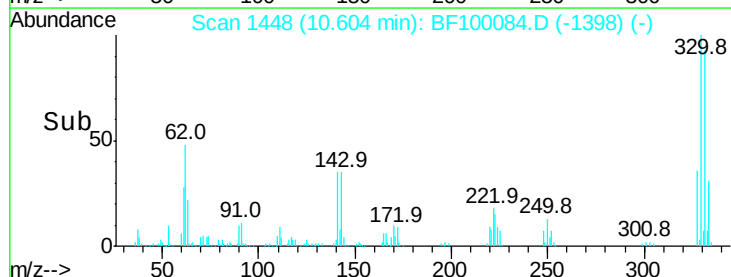
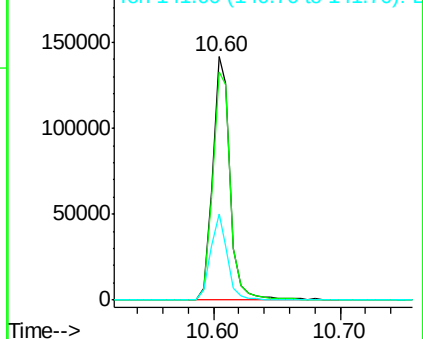


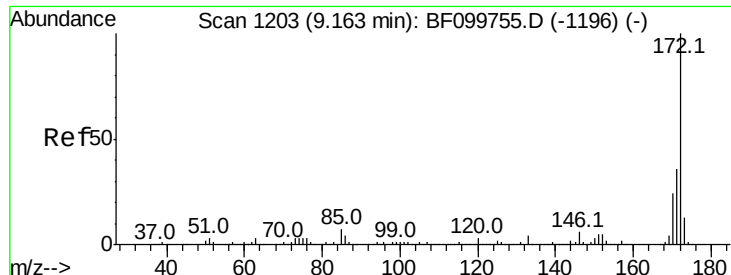
#41
2,4,6-Tribromophenol
Concen: 91.514 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100084.D
Acq: 2 Nov 2017 14:59

Tgt Ion:330 Resp: 138005
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 33.9 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



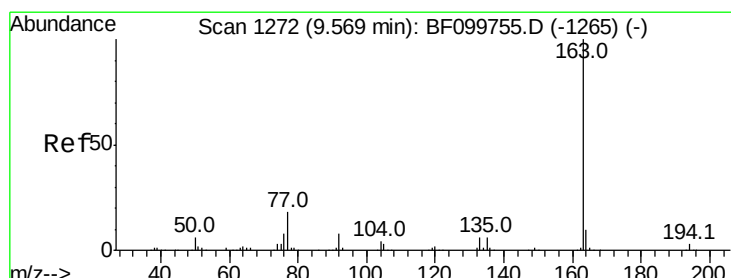
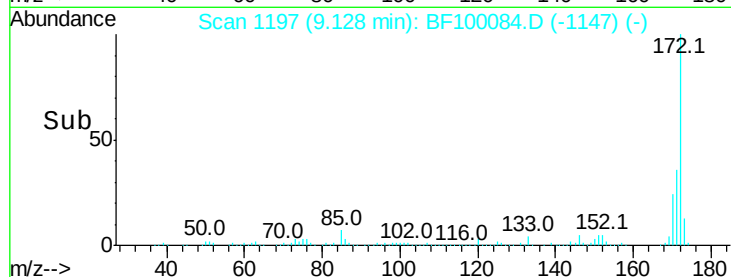
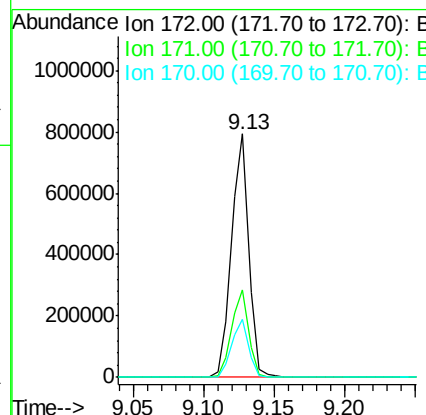
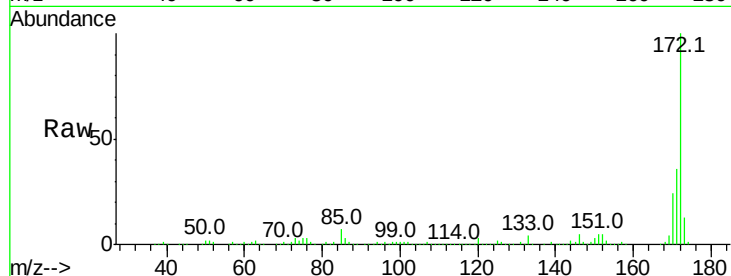


#44
 2-Fluorobiphenyl
 Concen: 62.855 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100084.D
 Acq: 2 Nov 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 674159

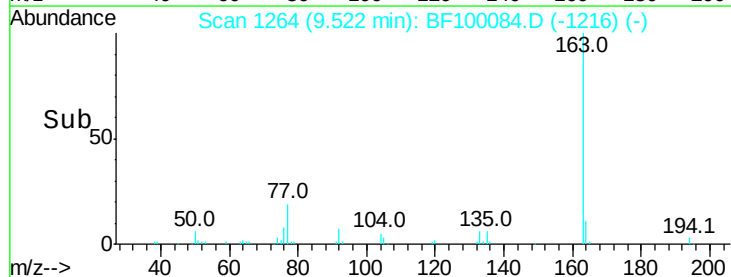
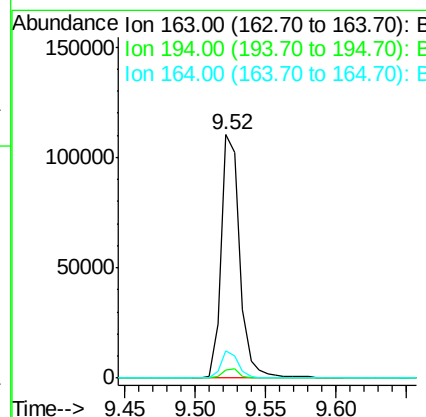
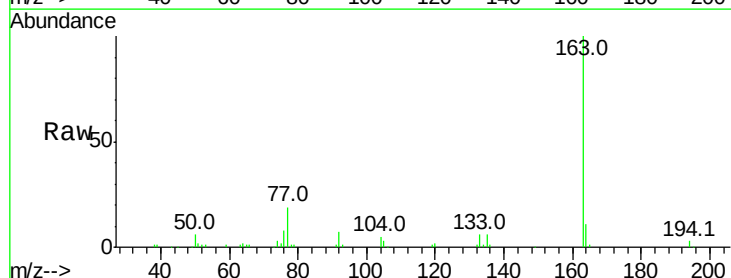
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.7	19.6	29.4

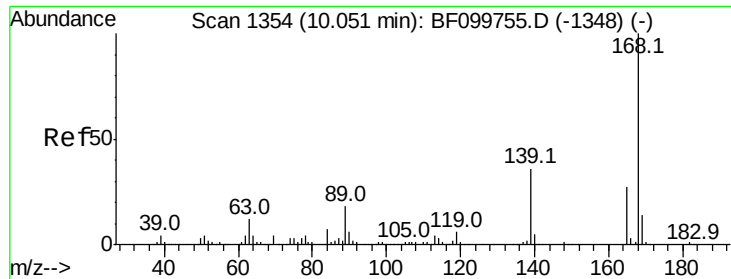


#49
 Dimethylphthalate
 Concen: 7.734 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BF100084.D
 Acq: 2 Nov 2017 14:59

Tgt Ion:163 Resp: 101348

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	11.0	8.2	12.2

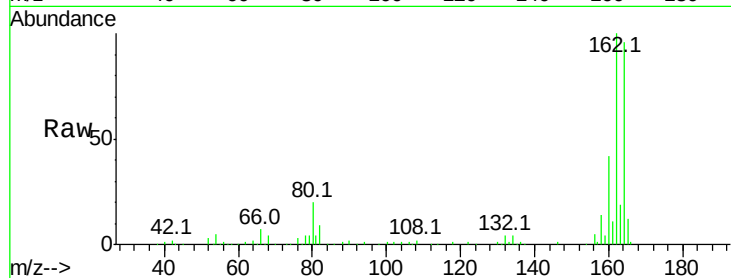




#56
 2,4-Dinitrotoluene
 Concen: 6.227 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.22 min
 Lab File: BF100084.D
 Acq: 2 Nov 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	20660
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#

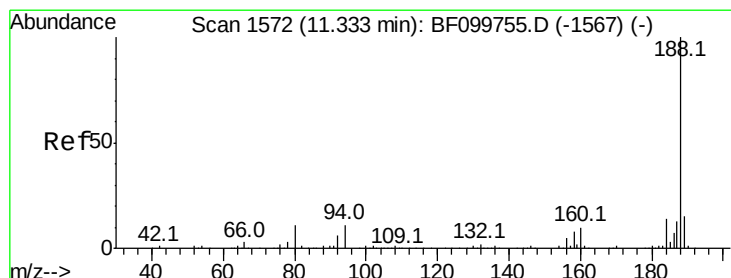
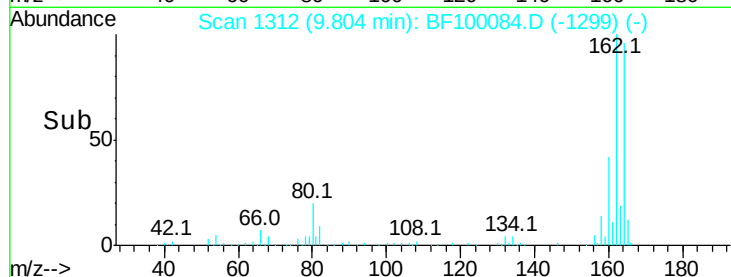
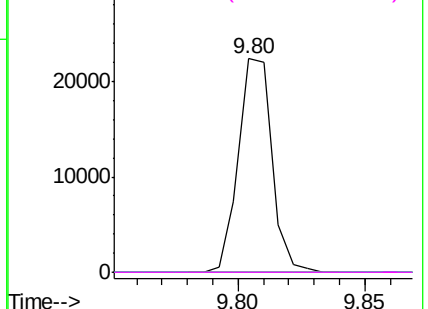


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

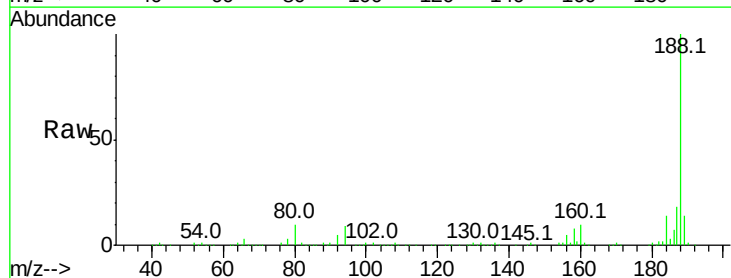
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BF100084.D
 Acq: 2 Nov 2017 14:59

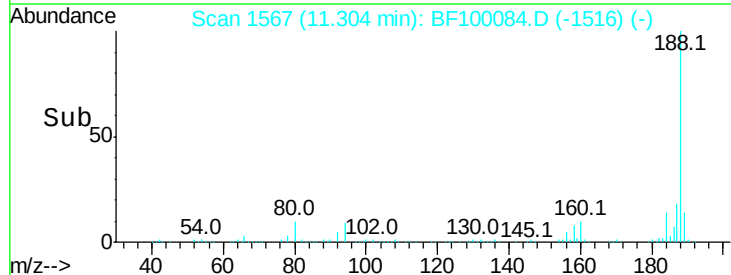
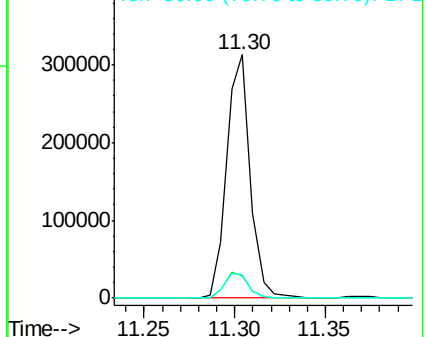
Tgt Ion:	188	Resp:	283599
Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.8	9.2	13.8

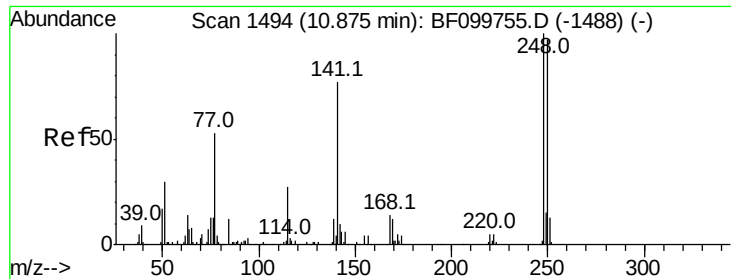


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

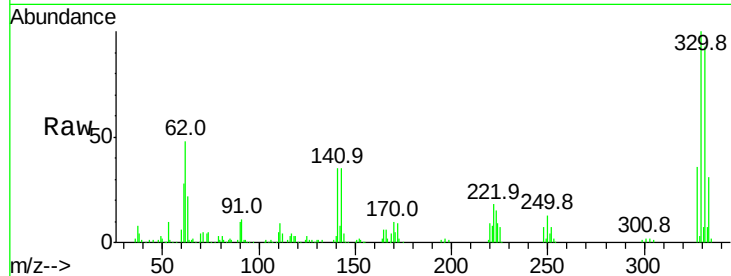




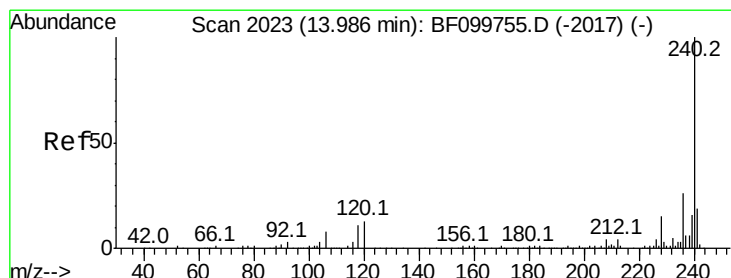
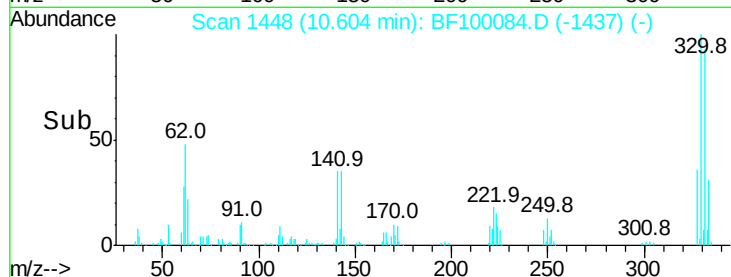
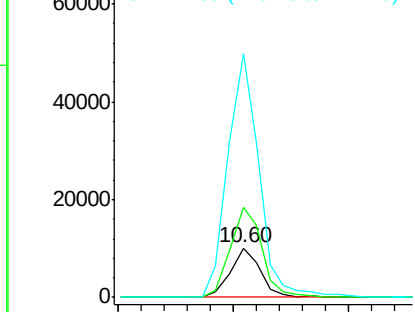
#66
4-Bromophenyl-phenylether
Concen: 3.074 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.24 min
Lab File: BF100084.D
Acq: 2 Nov 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9178
Ion Ratio Lower Upper
248 100
250 183.8 76.9 115.3#
141 493.8 74.4 111.6#

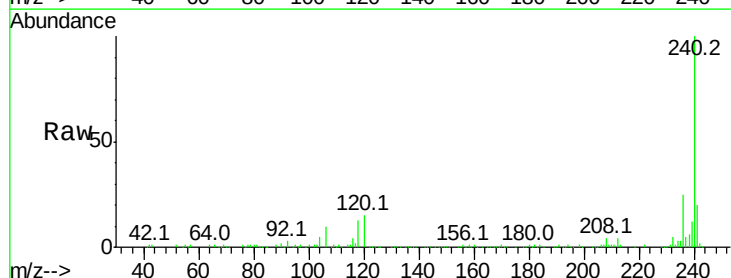


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

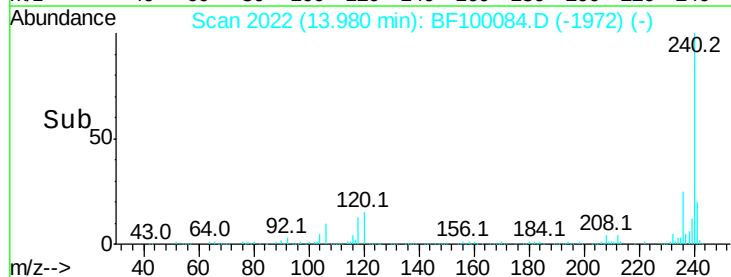
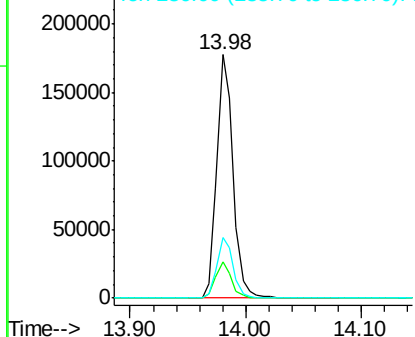


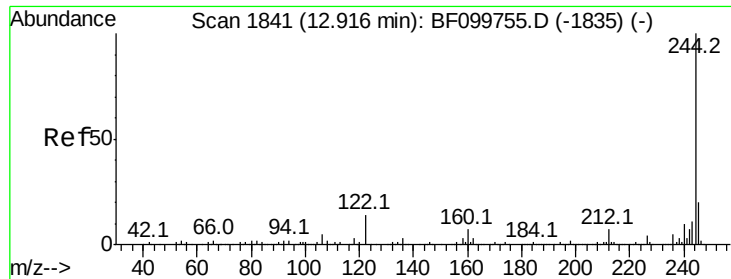
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100084.D
Acq: 2 Nov 2017 14:59

Tgt Ion:240 Resp: 173292
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: 65.844 ng

RT: 12.89 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BF100084.D

Acq: 2 Nov 2017 14:59

Instrument :

BNA_F

ClientSampleId :

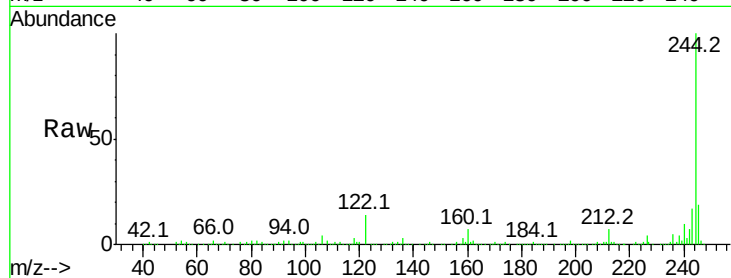
Tot Ion:244 Resp: 522121

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

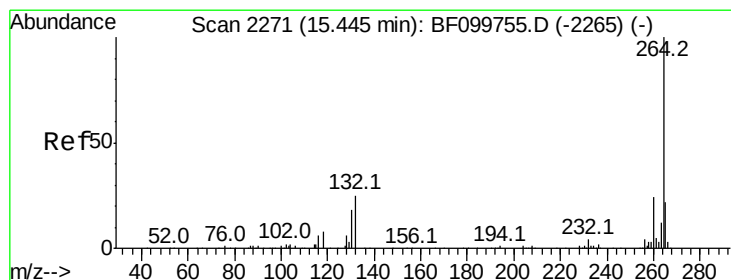
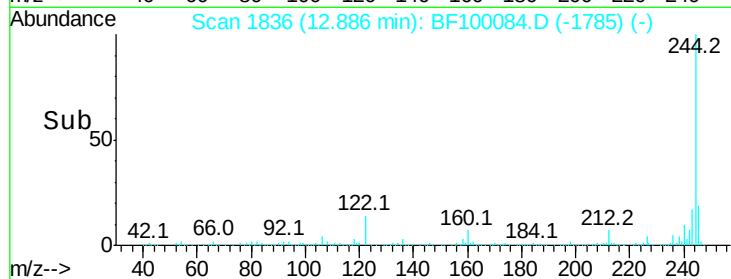
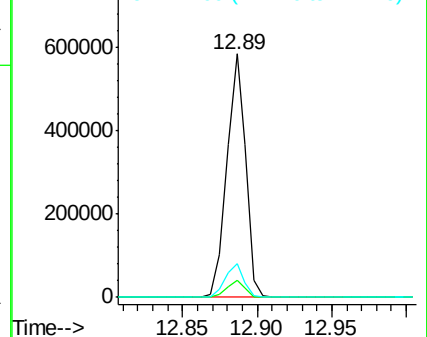
122 13.7 11.0 16.4



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: 15.51 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BF100084.D

Acq: 2 Nov 2017 14:59

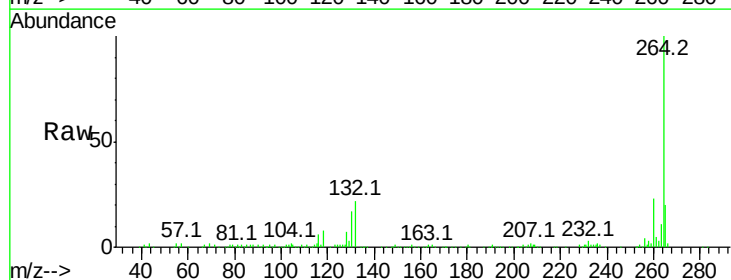
Tgt Ion:264 Resp: 166729

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.0 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

