

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100096.D
 Acq On : 2 Nov 2017 20:22
 Operator : SJ/JU
 Sample : I6249-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 02:30:42 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

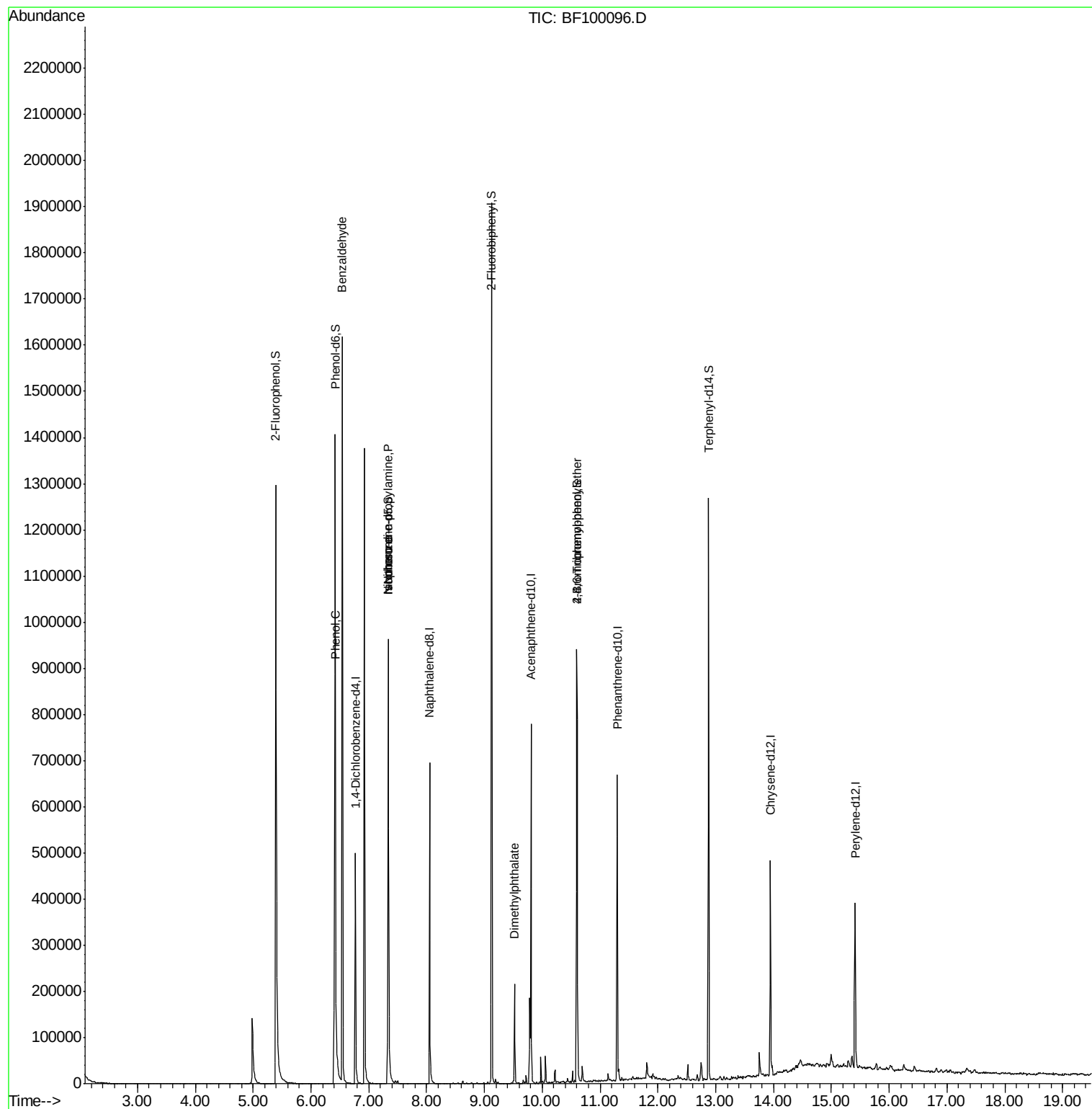
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	84575	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	338840	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	147897	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	235106	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	156343	20.00	ng	-0.03
86) Perylene-d12	15.41	264	153982	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	517882	96.13	ng	0.00
7) Phenol-d6	6.42	99	603969	94.55	ng	-0.01
23) Nitrobenzene-d5	7.34	82	333785	63.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	119534	88.69	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	617794	64.45	ng	-0.01
78) Terphenyl-d14	12.87	244	411746	57.55	ng	-0.02
Target Compounds				Qvalue		
9) Benzaldehyde	6.54	77	9030	2.366	ng	85
10) Phenol	6.43	94	17404	2.482	ng	# 68
19) n-Nitroso-di-n-propylamine	7.34	70	41081	10.975	ng	# 71
25) Isophorone	7.34	82	333785	34.950	ng	# 64
49) Dimethylphthalate	9.52	163	88623	7.567	ng	98
66) 4-Bromophenyl-phenylether	10.60	248	7856	3.174	ng	# 1

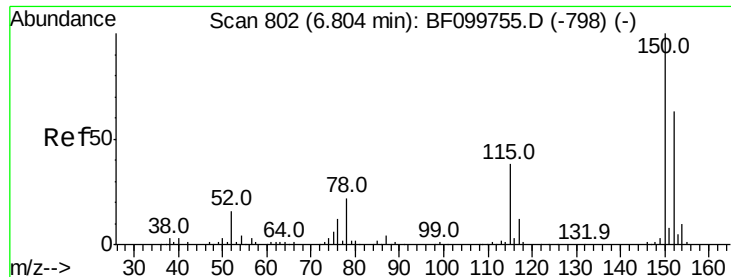
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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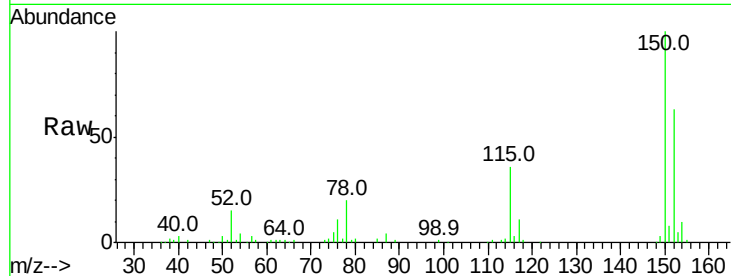


#1

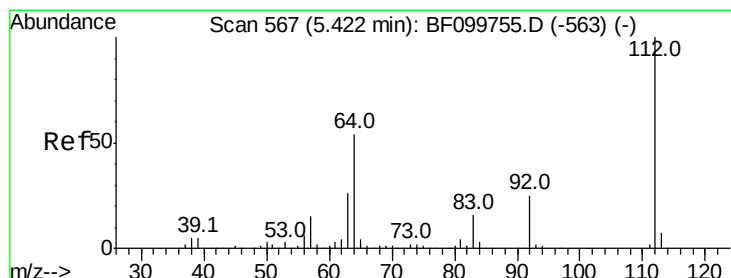
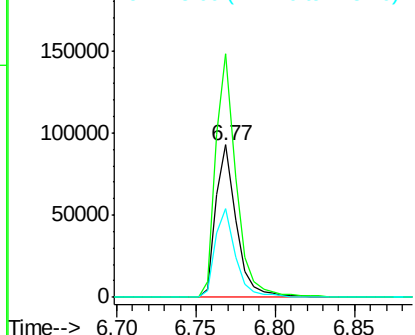
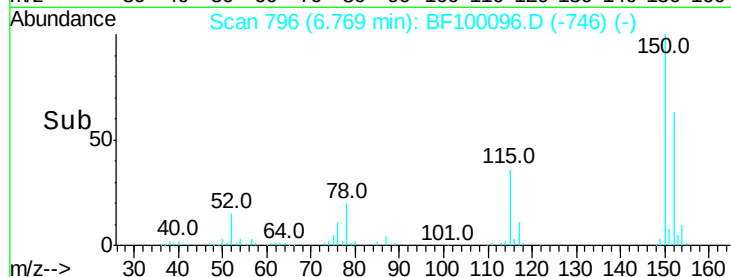
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100096.D
Acq: 2 Nov 2017 20:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84575
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 57.9 50.1 75.1



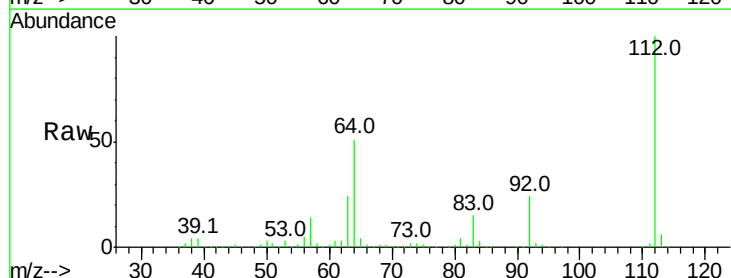
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



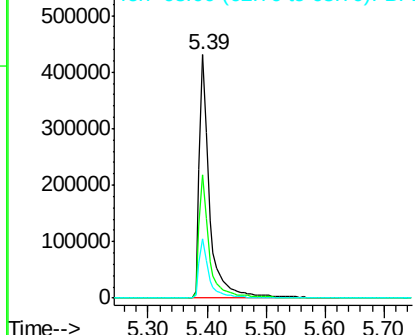
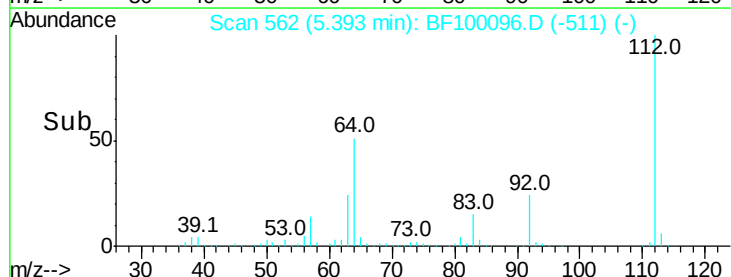
#5

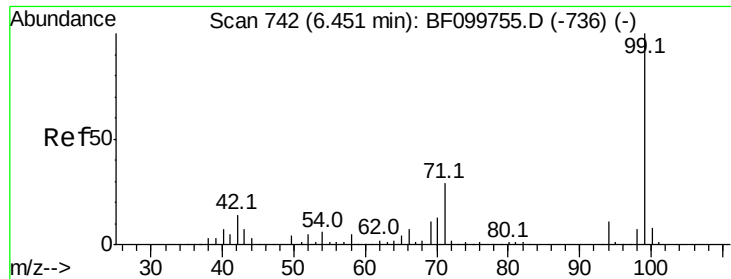
2-Fluorophenol
Concen: 96.134 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100096.D
Acq: 2 Nov 2017 20:22

Tgt Ion:112 Resp: 517882
Ion Ratio Lower Upper
112 100
64 50.8 47.9 71.9
63 24.2 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: 94.554 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100096.D

Acq: 2 Nov 2017 20:22

Instrument :

BNA_F

ClientSampleId :

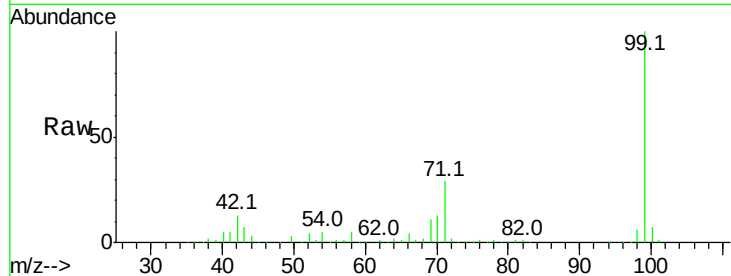
Tot Ion: 99 Resp: 603969

Ion Ratio Lower Upper

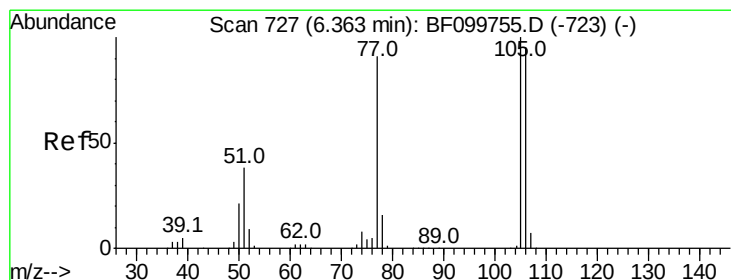
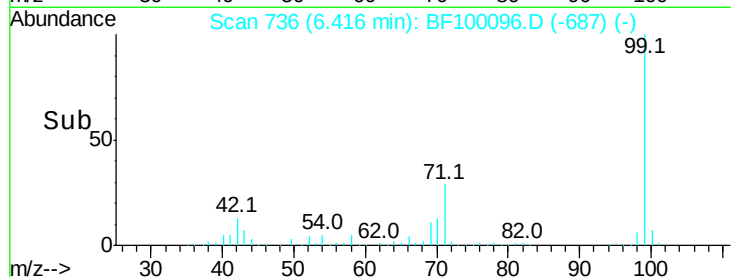
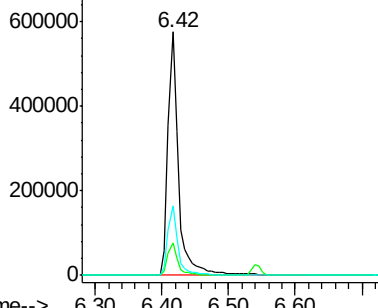
99 100

42 13.4 14.5 21.7#

71 28.7 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: 2.366 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.20 min

Lab File: BF100096.D

Acq: 2 Nov 2017 20:22

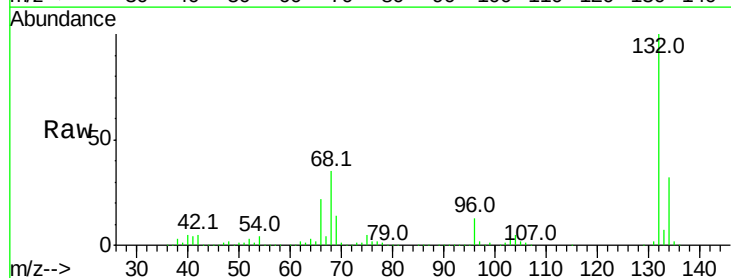
Tgt Ion: 77 Resp: 9030

Ion Ratio Lower Upper

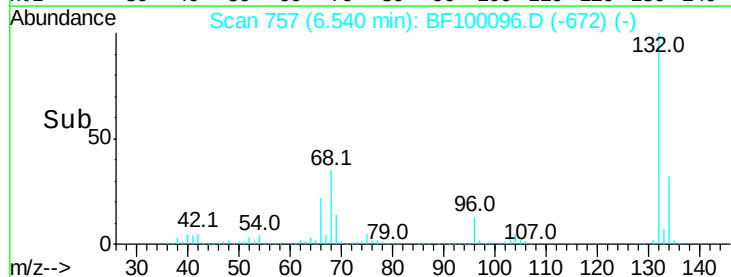
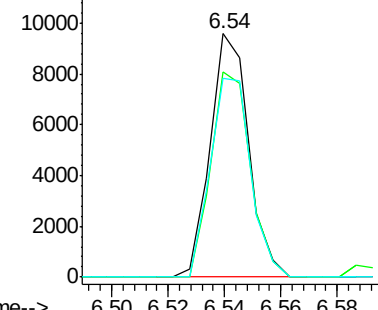
77 100

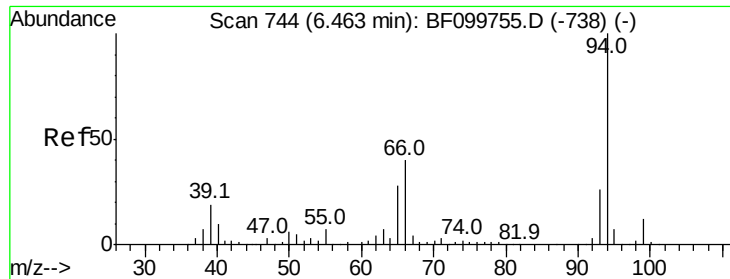
105 84.1 81.1 121.1

106 81.9 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

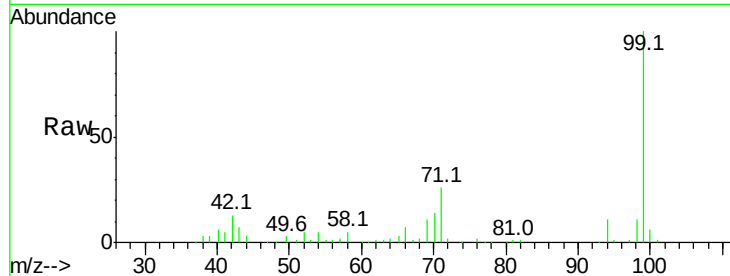




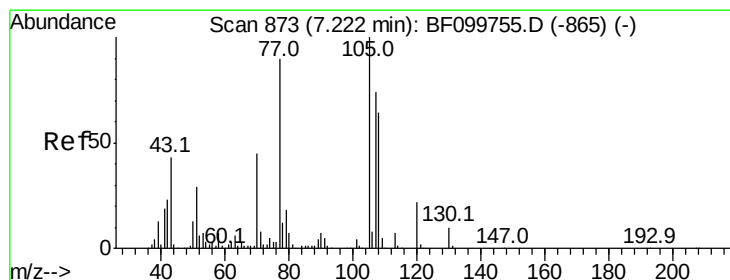
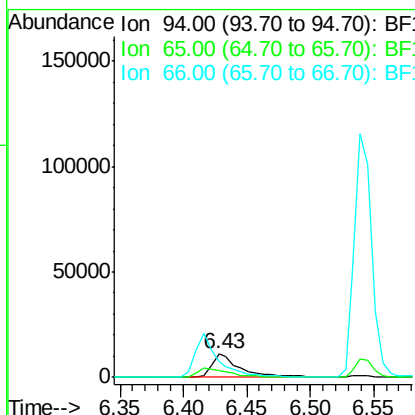
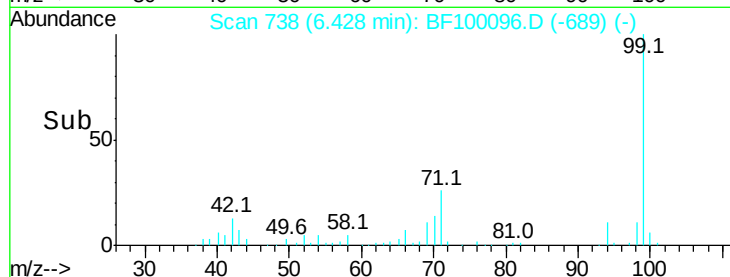
#10
Phenol
Concen: 2.482 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF100096.D
Acq: 2 Nov 2017 20:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 17404
Ion Ratio Lower Upper
94 100
65 31.1 7.9 47.9
66 67.4 16.2 56.2#

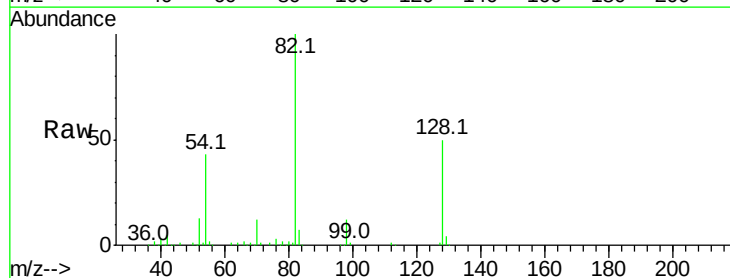


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

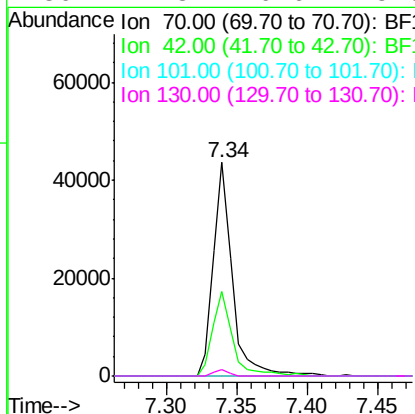
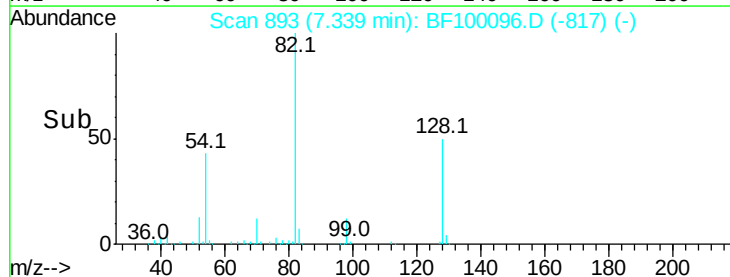


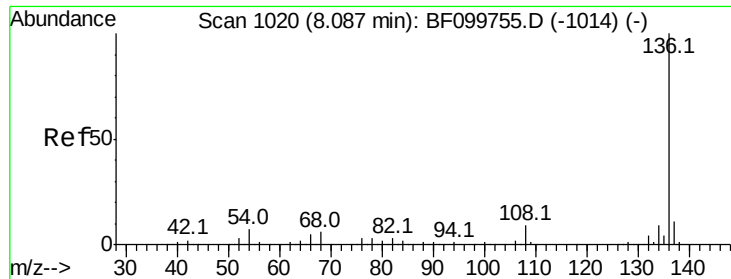
#19
n-Nitroso-di-n-propylamine
Concen: 10.975 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.15 min
Lab File: BF100096.D
Acq: 2 Nov 2017 20:22

Tgt Ion: 70 Resp: 41081
Ion Ratio Lower Upper
70 100
42 39.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 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

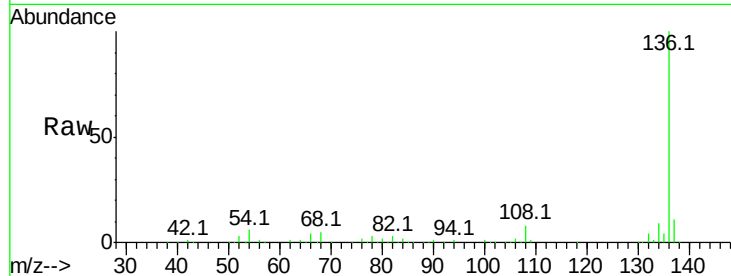




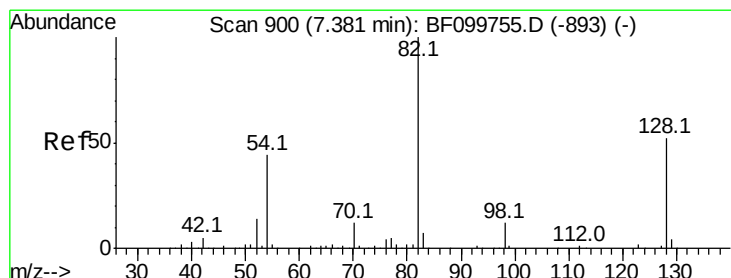
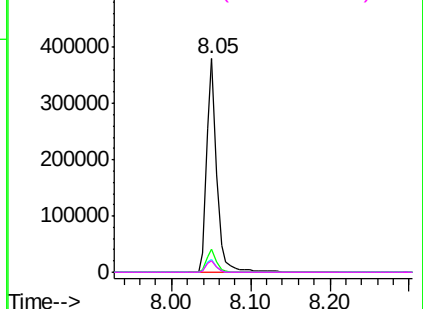
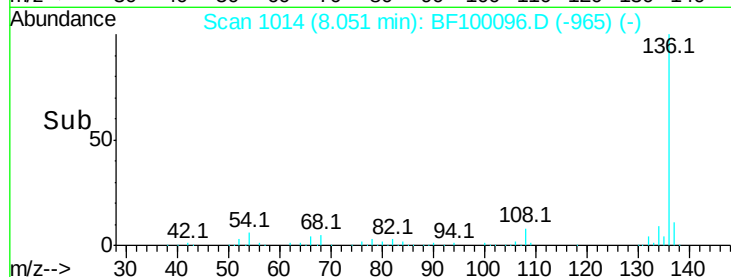
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100096.D
Acq: 2 Nov 2017 20:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	338840
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.1	6.6	9.8#
68	5.3	5.0	7.4

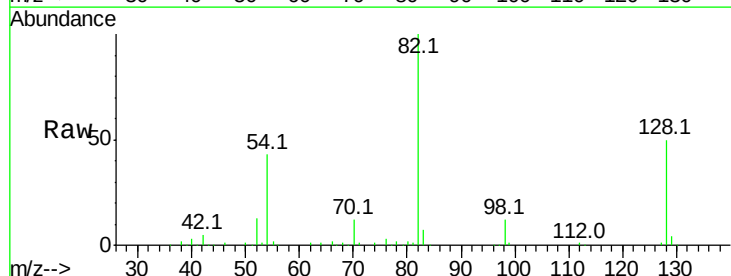


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

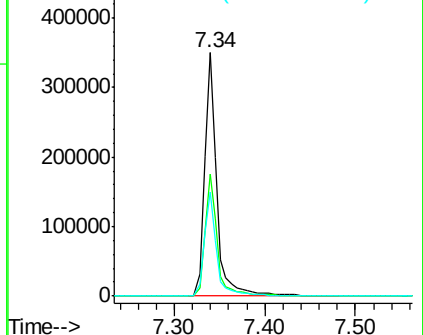
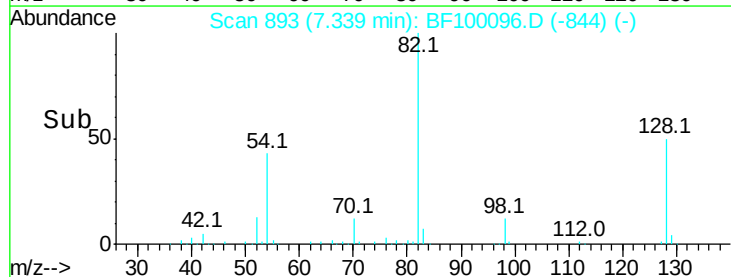


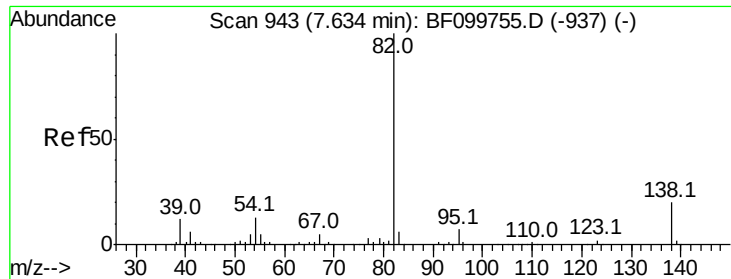
#23
Nitrobenzene-d5
Concen: 63.420 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100096.D
Acq: 2 Nov 2017 20:22

Tgt Ion:	82	Resp:	333785
Ion	Ratio	Lower	Upper
82	100		
128	50.2	36.1	54.1
54	42.9	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: 34.950 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100096.D

Acq: 2 Nov 2017 20:22

Instrument :

BNA_F

ClientSampleId :

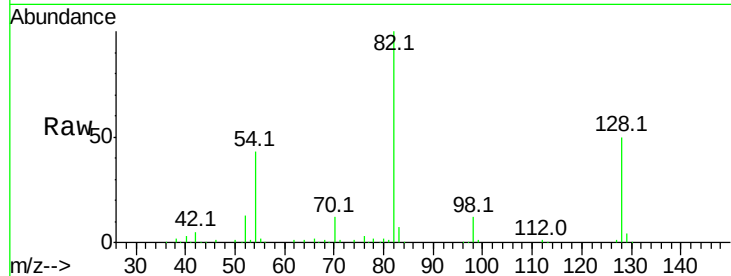
Tot Ion: 82 Resp: 333785

Ion Ratio Lower Upper

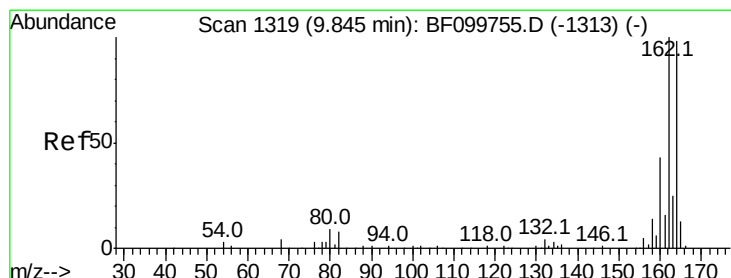
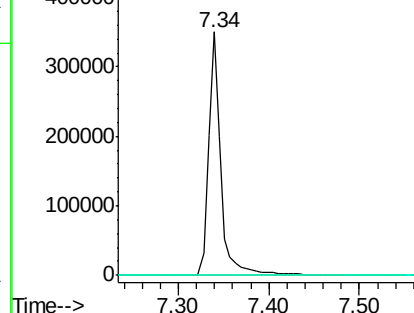
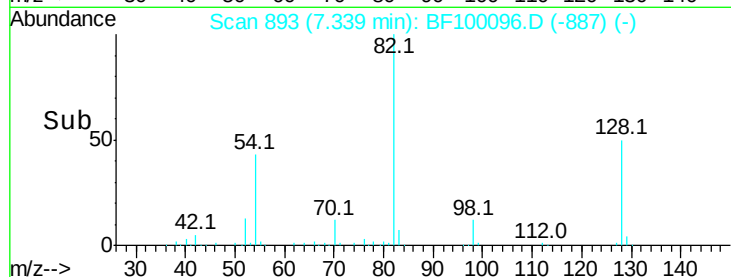
82 100

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): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100096.D

Acq: 2 Nov 2017 20:22

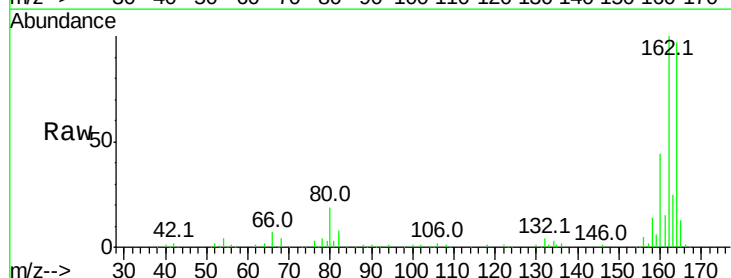
Tgt Ion:164 Resp: 147897

Ion Ratio Lower Upper

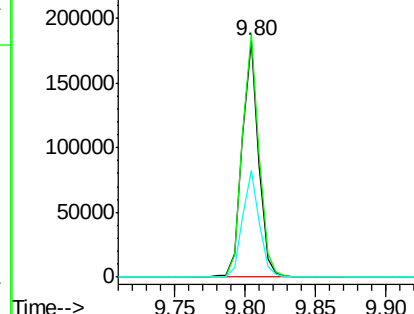
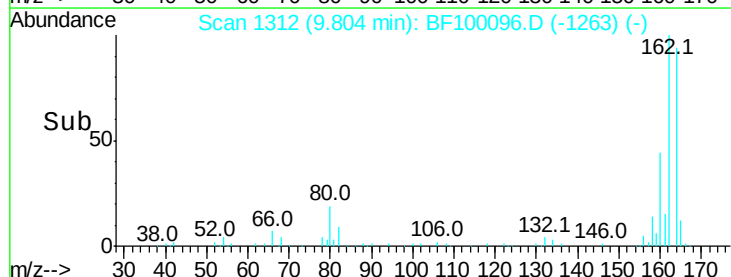
164 100

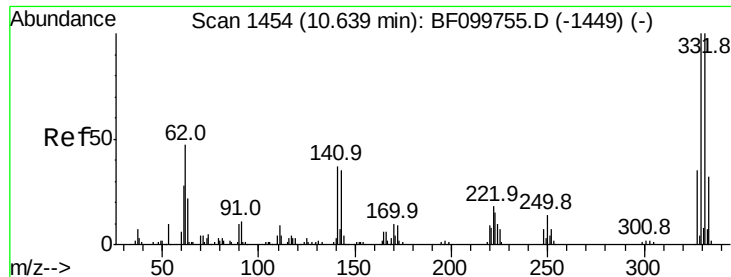
162 103.0 86.1 129.1

160 45.0 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

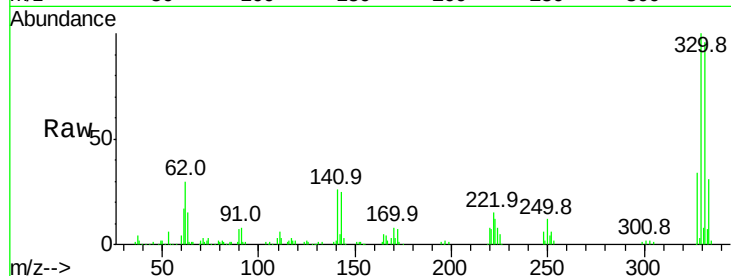




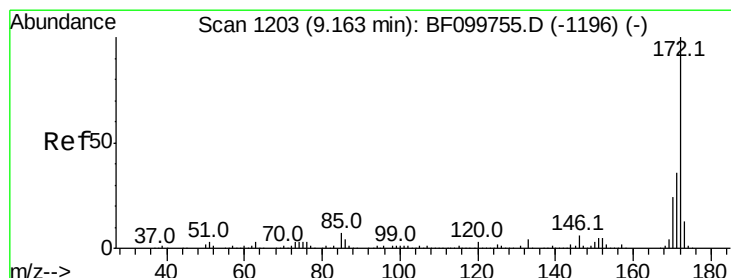
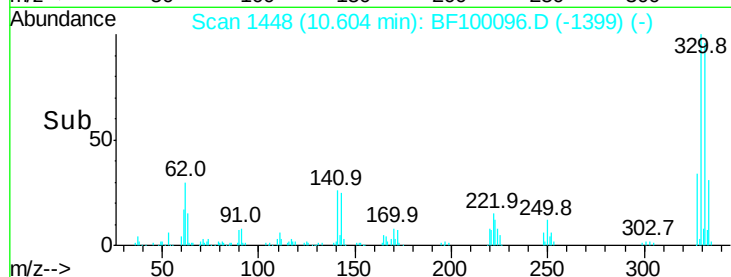
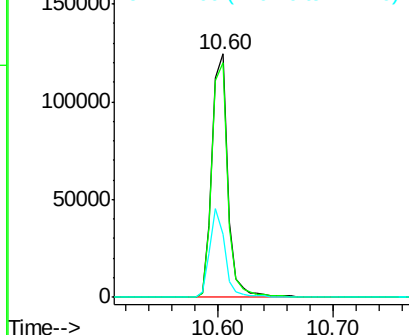
#41
 2,4,6-Tribromophenol
 Concen: 88.688 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100096.D
 Acq: 2 Nov 2017 20:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 119534
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 35.0 29.9 44.9

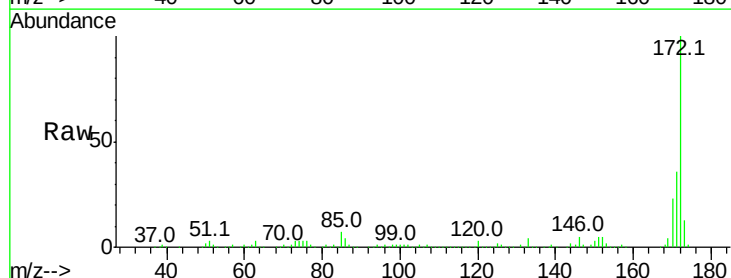


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

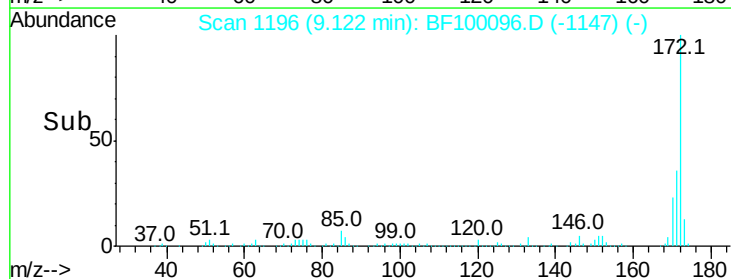
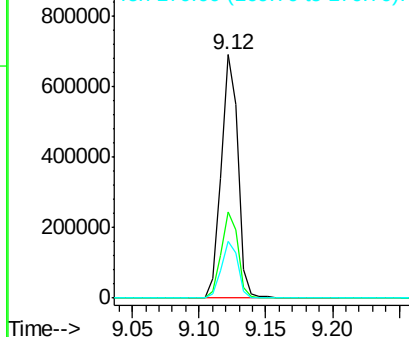


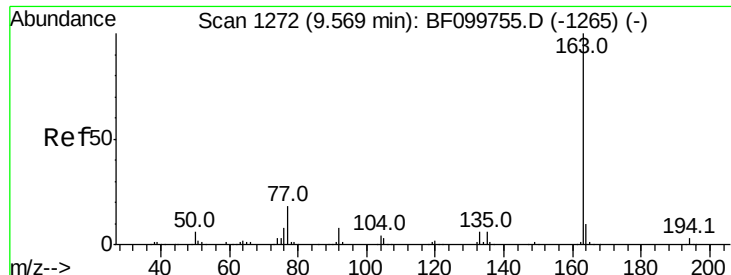
#44
 2-Fluorobiphenyl
 Concen: 64.447 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100096.D
 Acq: 2 Nov 2017 20:22

Tgt Ion:172 Resp: 617794
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.4 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

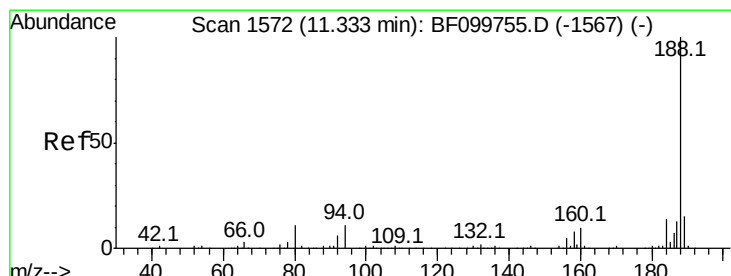
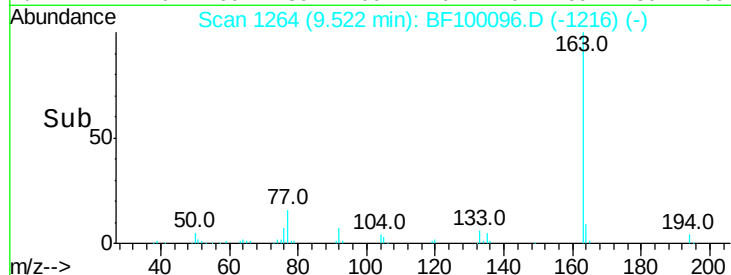
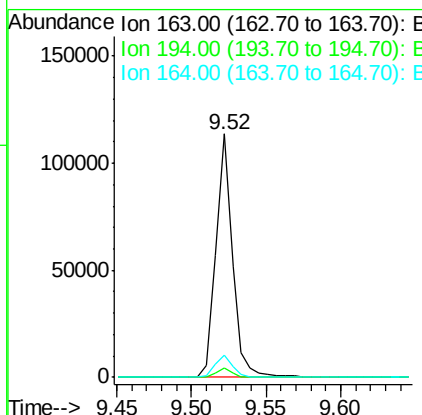
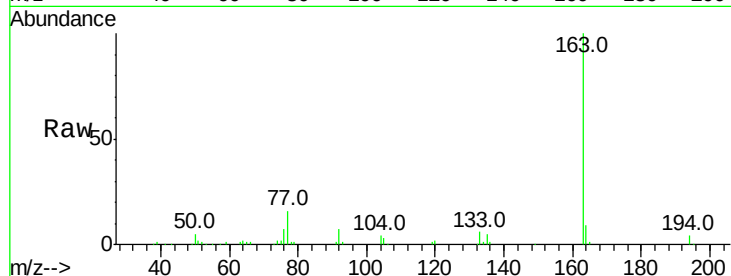




#49
Dimethylphthalate
Concen: 7.567 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF100096.D
Acq: 2 Nov 2017 20:22

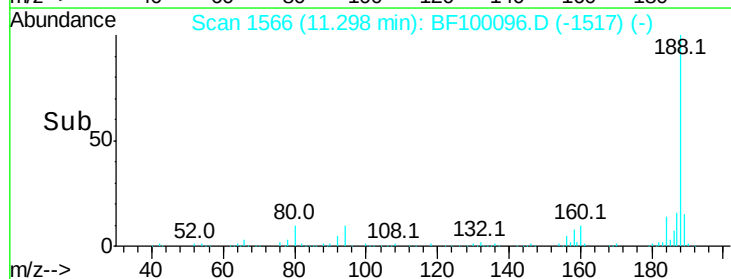
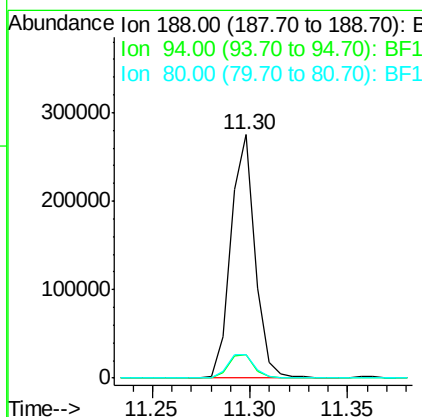
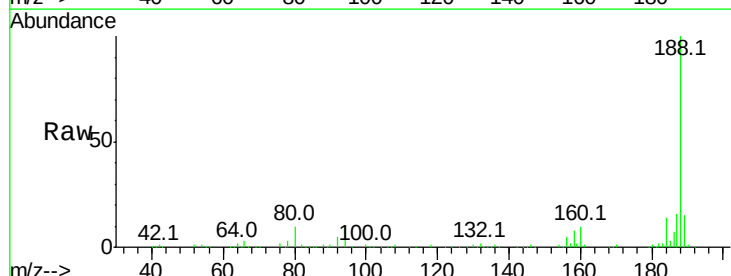
Instrument :
BNA_F
ClientSampleId :

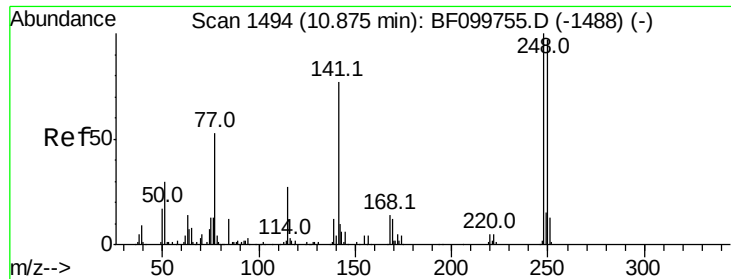
Tot Ion:163 Resp: 88623
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.1 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100096.D
Acq: 2 Nov 2017 20:22

Tgt Ion:188 Resp: 235106
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.9 9.2 13.8

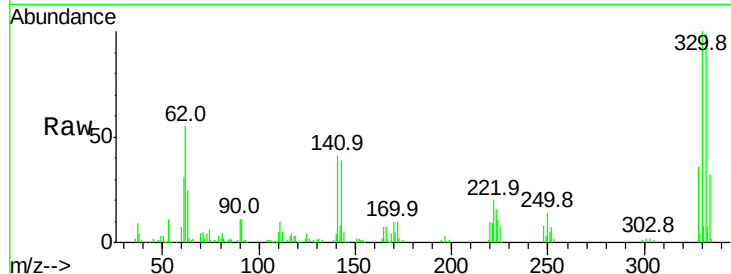




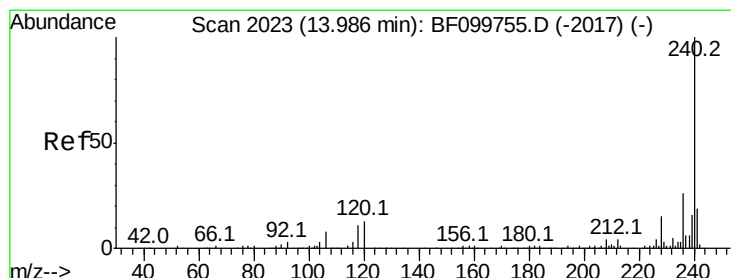
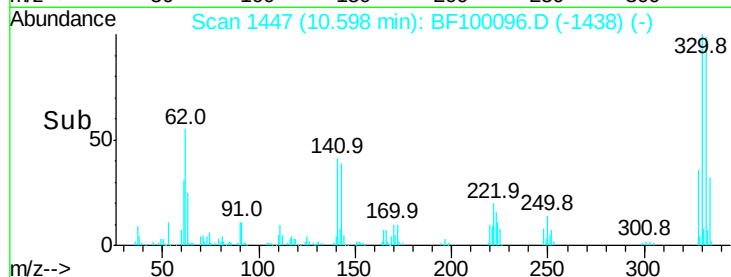
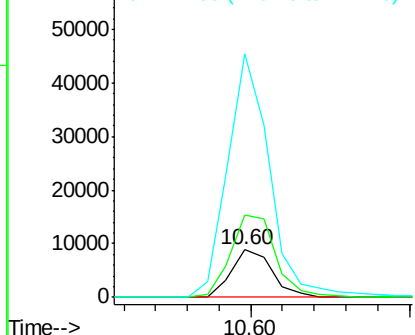
#66
4-Bromophenyl-phenylether
Concen: 3.174 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF100096.D
Acq: 2 Nov 2017 20:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7856
Ion Ratio Lower Upper
248 100
250 173.2 76.9 115.3#
141 514.5 74.4 111.6#

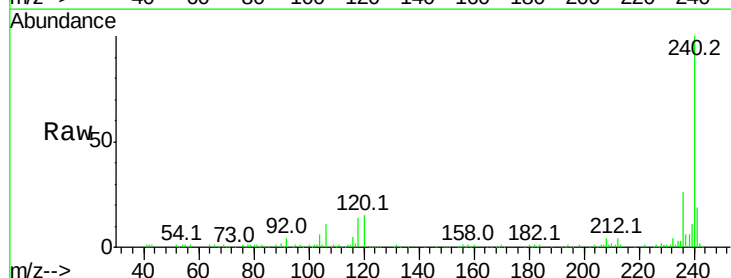


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

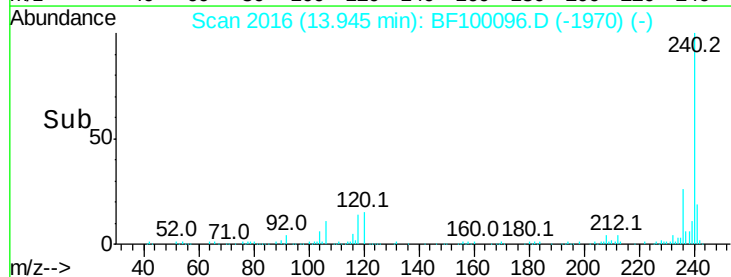
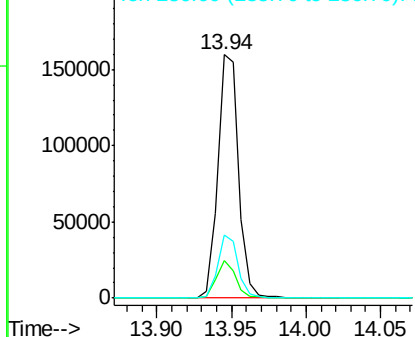


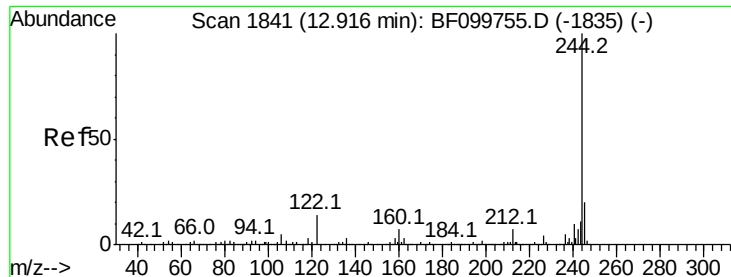
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BF100096.D
Acq: 2 Nov 2017 20:22

Tgt Ion:240 Resp: 156343
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 25.9 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: 57.554 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF100096.D

Acq: 2 Nov 2017 20:22

Instrument :

BNA_F

ClientSampleId :

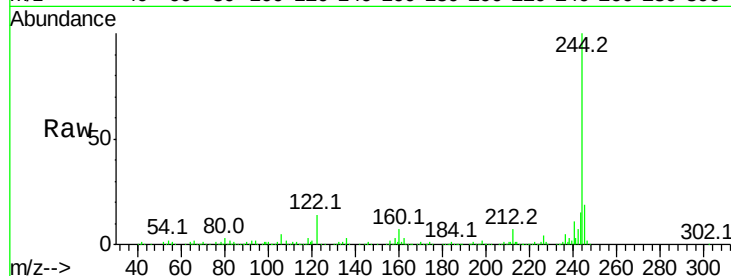
Tot Ion:244 Resp: 411746

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

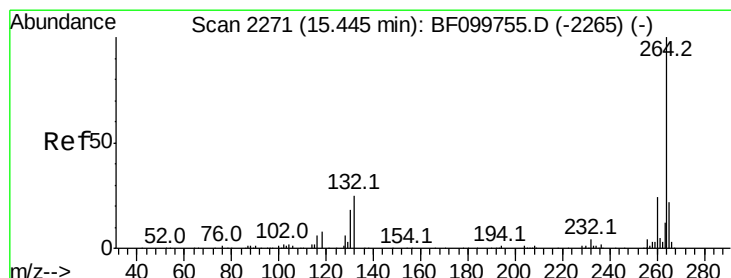
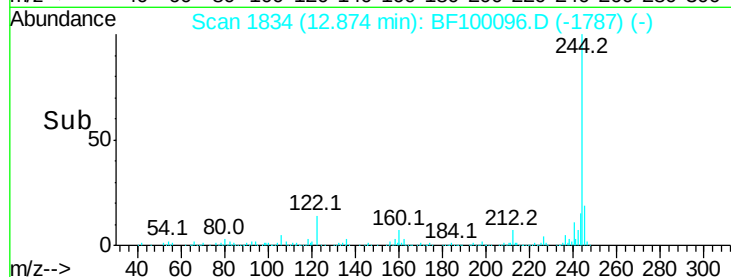
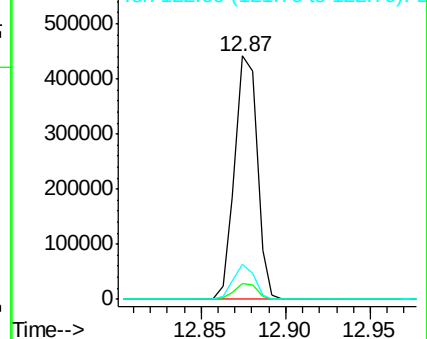
122 14.4 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.05 min

Lab File: BF100096.D

Acq: 2 Nov 2017 20:22

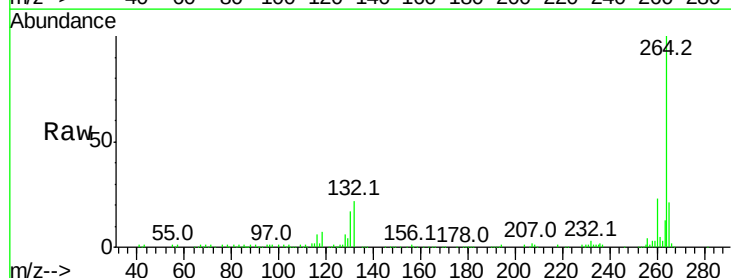
Tgt Ion:264 Resp: 153982

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.3 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

