

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099653.D
 Acq On : 19 Oct 2017 8:43
 Operator : SJ/JU
 Sample : I5953-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 16:26:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 22:24:53 2017
 Response via : Initial Calibration

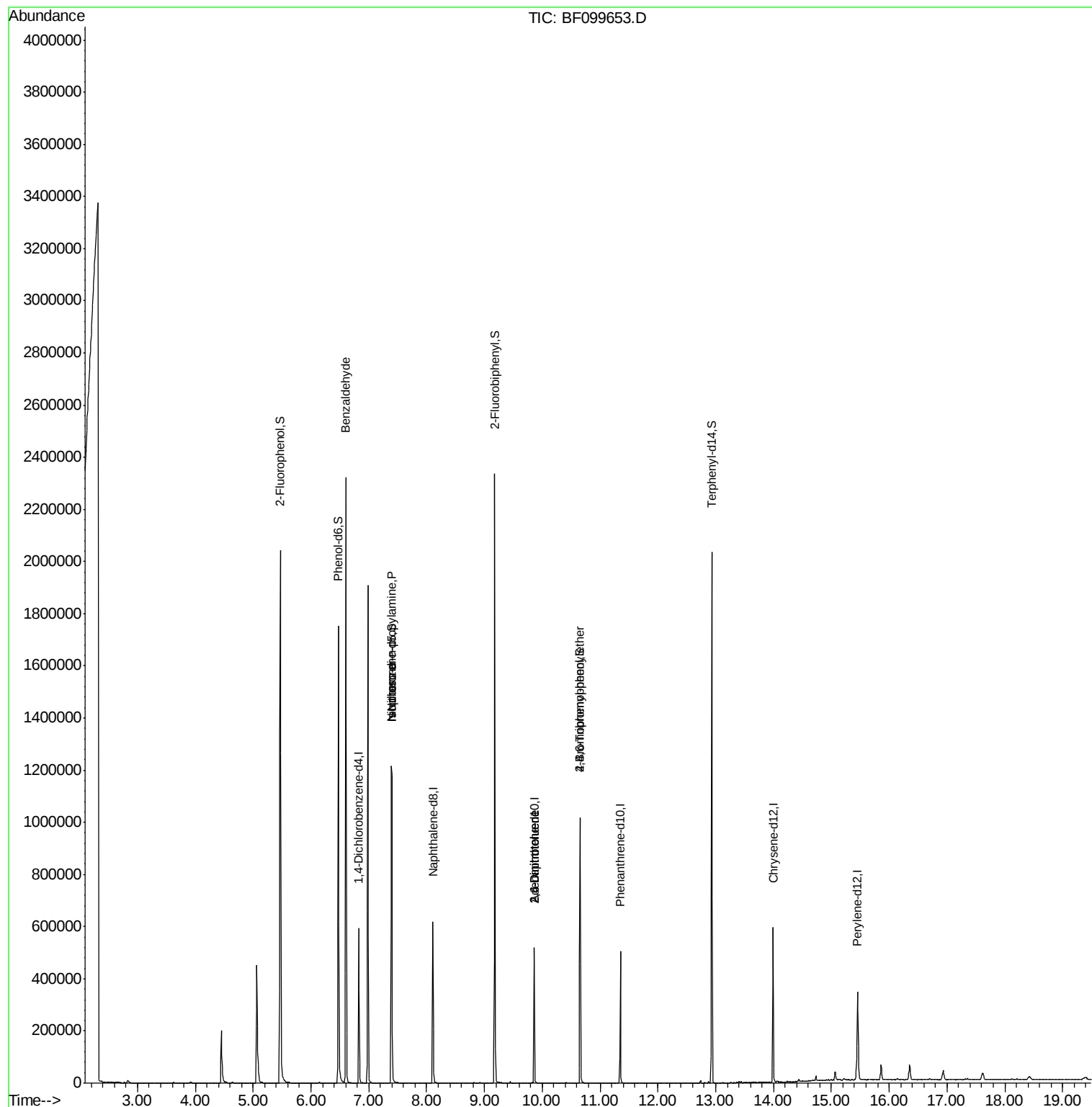
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	85336	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	301162	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	105517	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	174353	20.00	ng	0.00
75) Chrysene-d12	13.99	240	181532	20.00	ng	0.00
86) Perylene-d12	15.46	264	146898	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	655445	122.27	ng	0.02
7) Phenol-d6	6.47	99	679037	102.68	ng	0.00
23) Nitrobenzene-d5	7.39	82	444980	94.76	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	121557	140.79	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	761229	120.44	ng	0.00
78) Terphenyl-d14	12.93	244	644226	80.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	12258	3.196	ng	83
19) n-Nitroso-di-n-propylamine	7.39	70	56140	13.297	ng	# 73
25) Isophorone	7.39	82	444977	45.830	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	13226	7.628	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	13226	5.878	ng	# 21
66) 4-Bromophenyl-phenylether	10.65	248	7992	4.683	ng	# 1

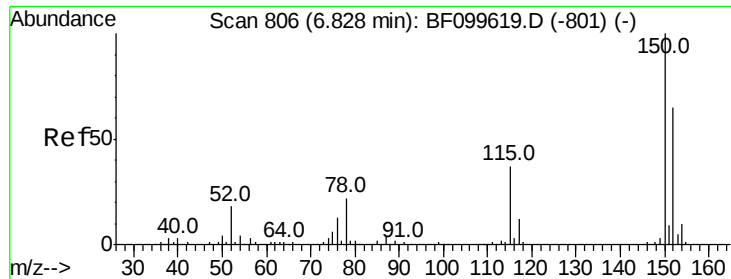
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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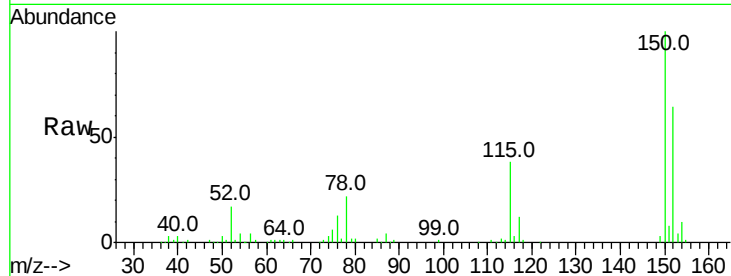


#1

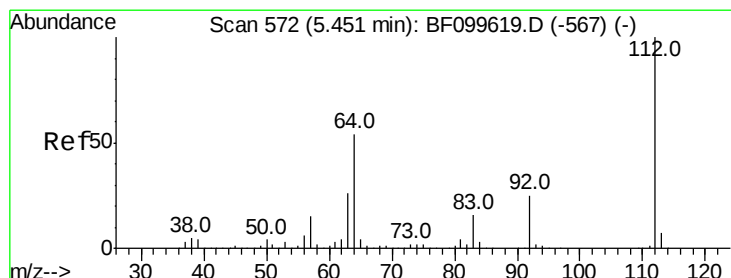
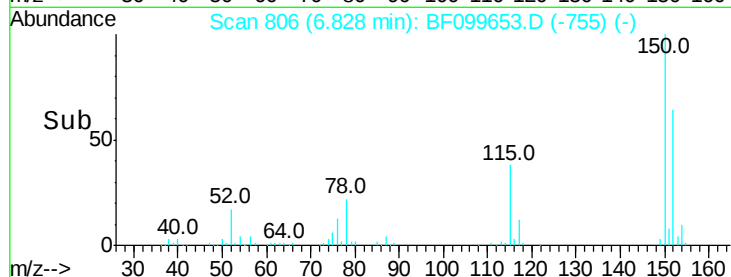
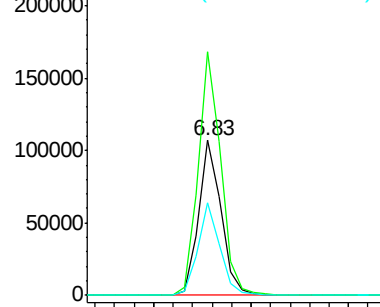
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85336
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 59.7 50.1 75.1



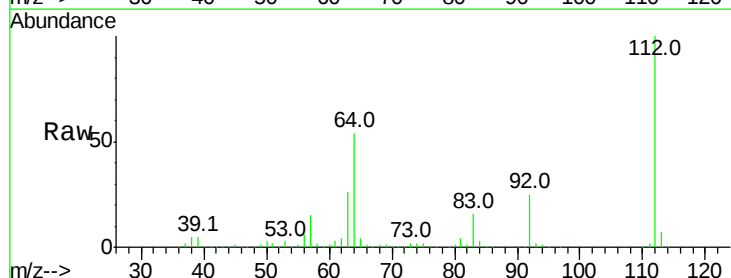
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



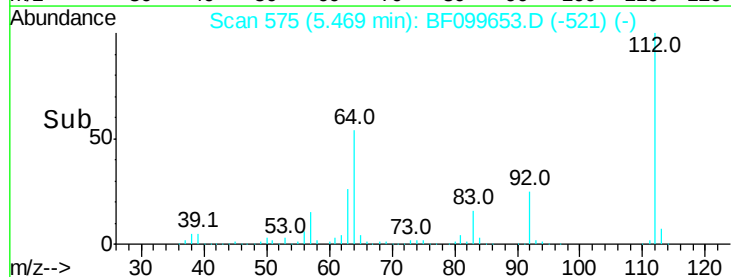
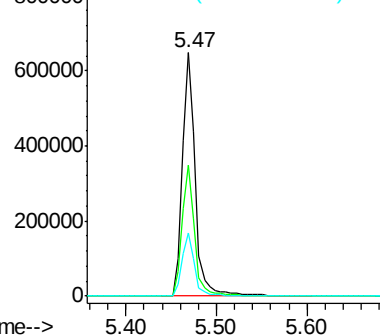
#5

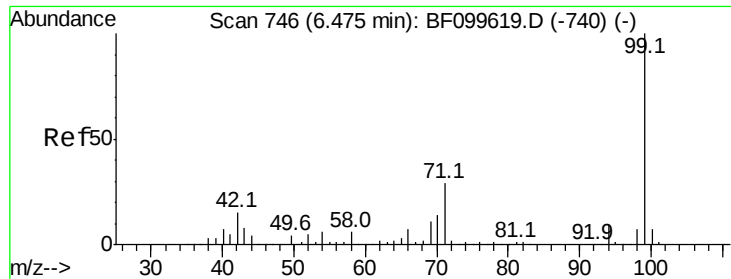
2-Fluorophenol
Concen: 122.270 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

Tgt Ion:112 Resp: 655445
Ion Ratio Lower Upper
112 100
64 54.0 47.9 71.9
63 26.0 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: 102.683 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

Instrument :

BNA_F

ClientSampleId :

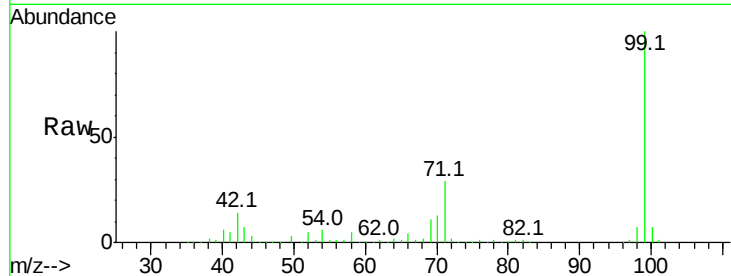
Tot Ion: 99 Resp: 679037

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

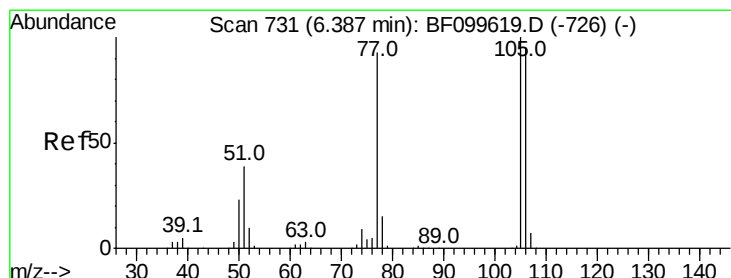
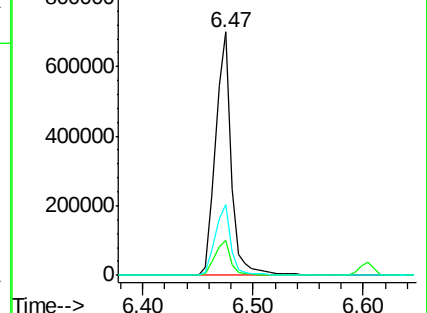
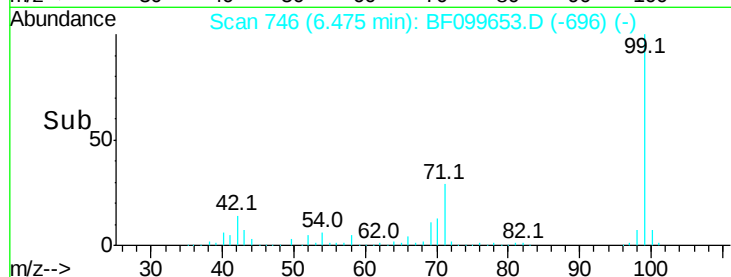
71 29.3 25.4 38.0



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: 3.196 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.22 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

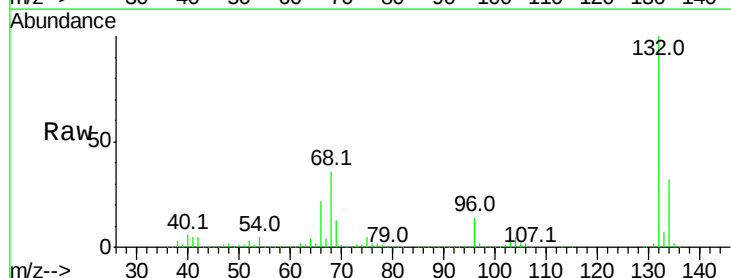
Tgt Ion: 77 Resp: 12258

Ion Ratio Lower Upper

77 100

105 82.5 81.1 121.1

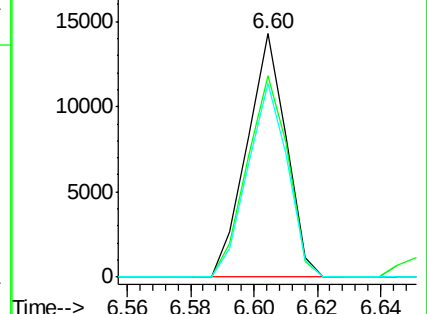
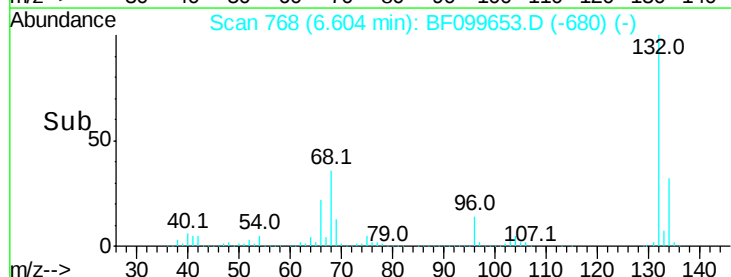
106 79.3 74.5 114.5

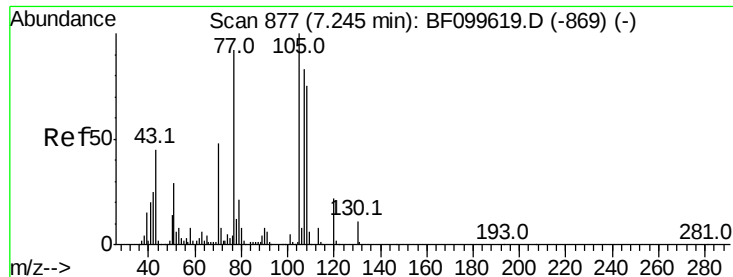


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 13.297 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.15 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 56140

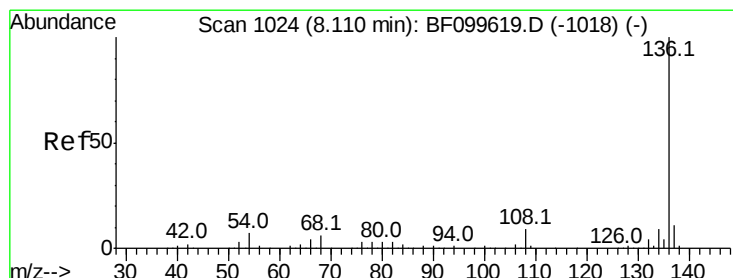
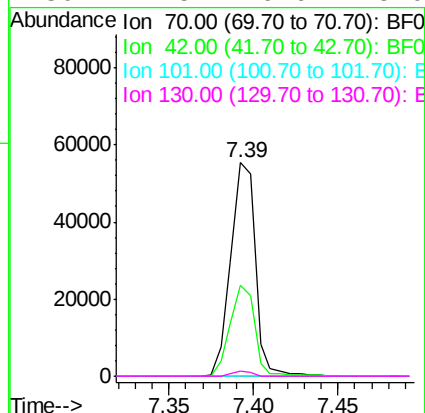
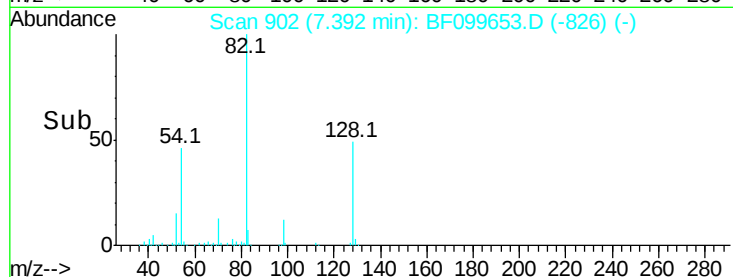
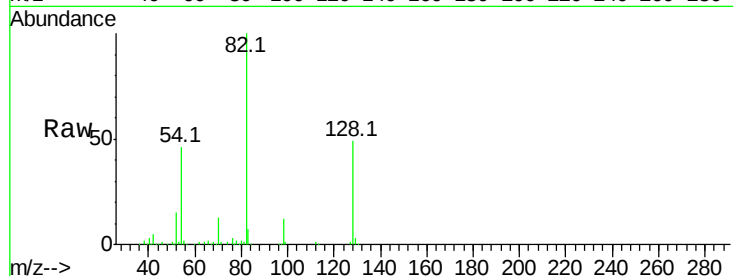
Ion Ratio Lower Upper

70 100

42 42.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

Tgt Ion: 136 Resp: 301162

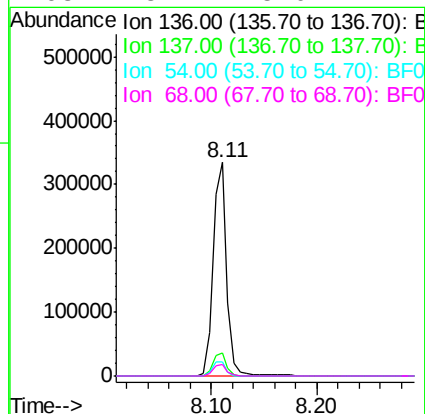
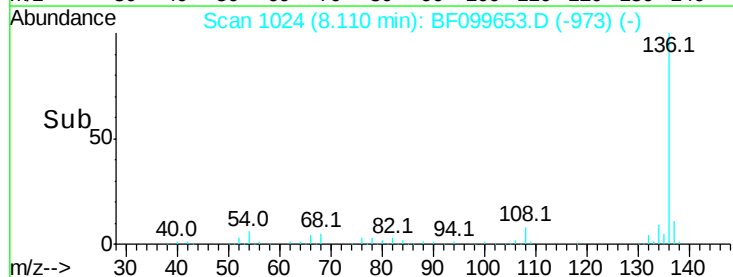
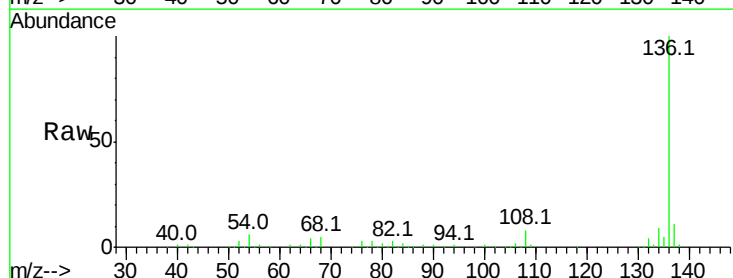
Ion Ratio Lower Upper

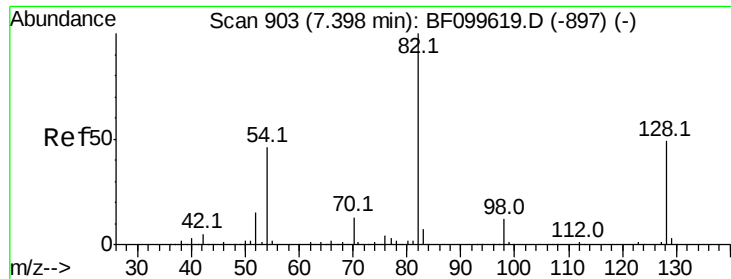
136 100

137 10.6 8.9 13.3

54 6.4 6.6 9.8#

68 5.4 5.0 7.4

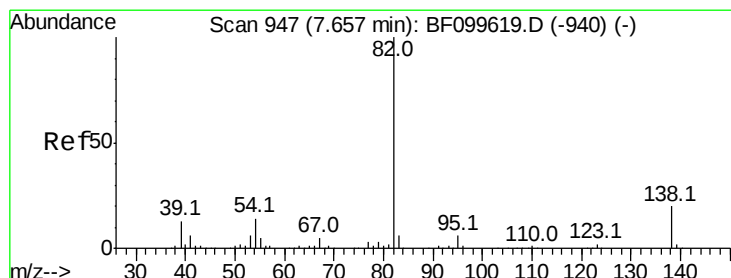
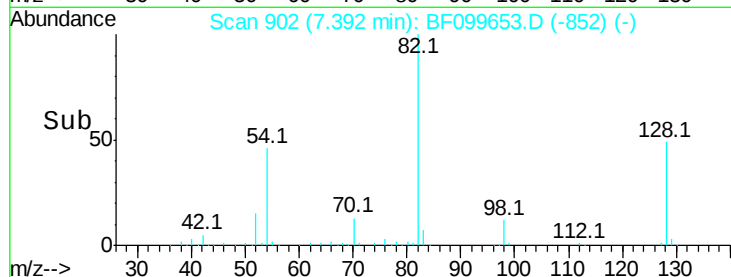
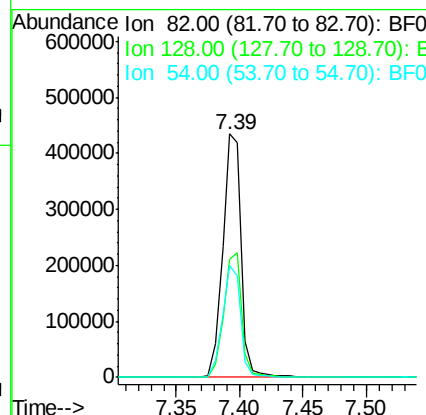
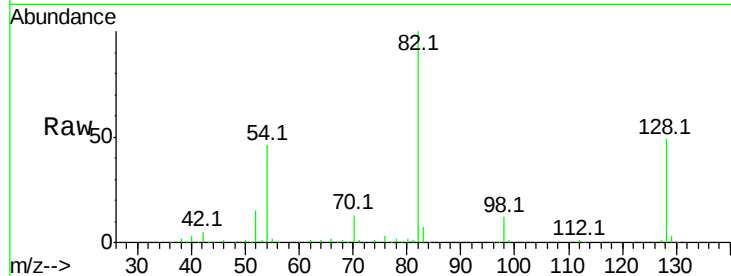




#23
 Nitrobenzene-d5
 Concen: 94.755 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF099653.D
 Acq: 19 Oct 2017 8:43

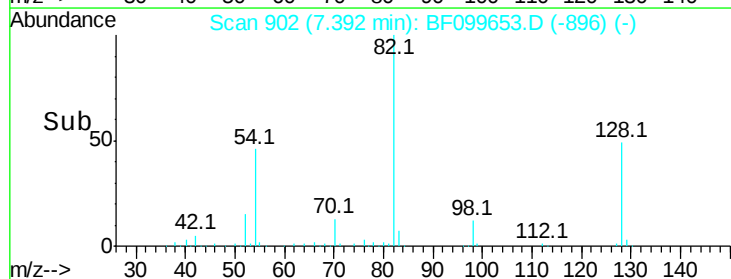
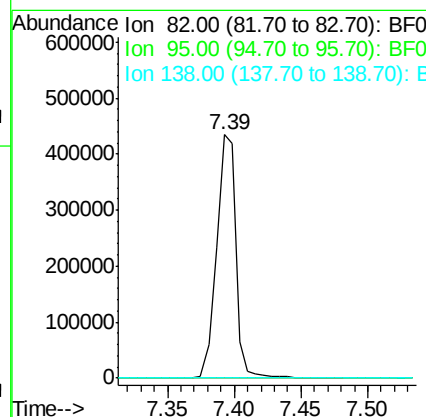
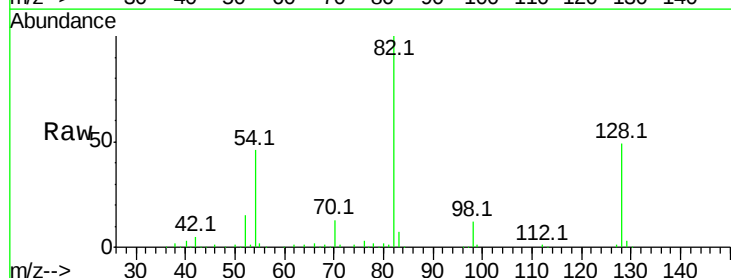
Instrument :
 BNA_F
 ClientSampled :

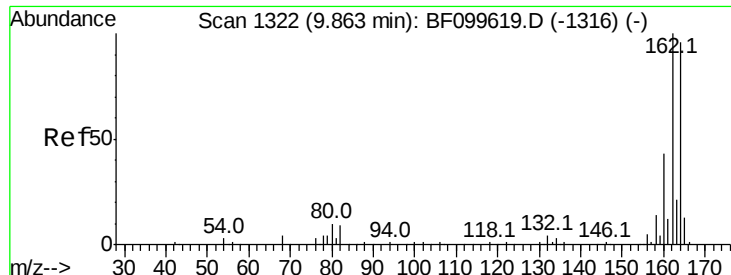
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.1	54.1
54	45.8	41.4	62.2



#25
 Isophorone
 Concen: 45.830 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.26 min
 Lab File: BF099653.D
 Acq: 19 Oct 2017 8:43

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

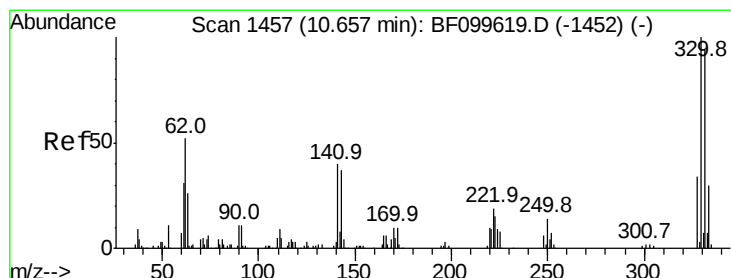
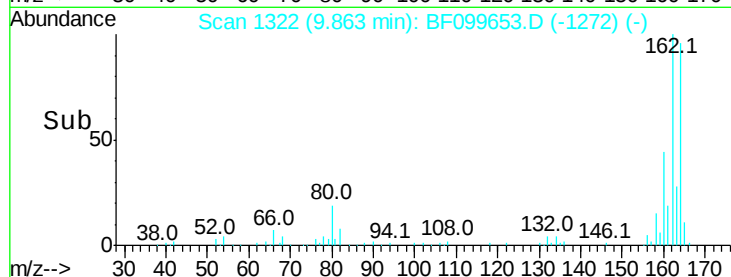
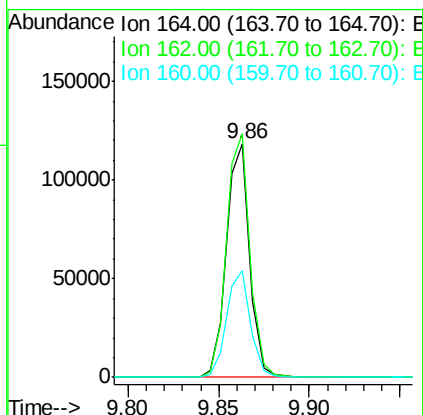
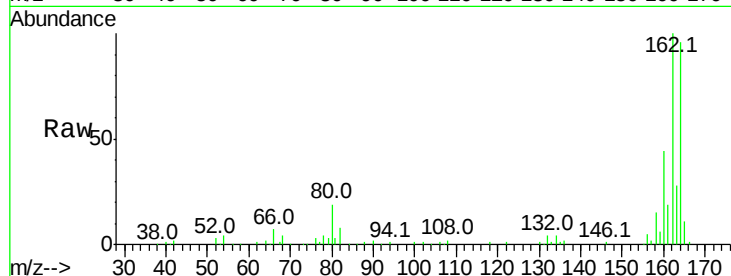




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

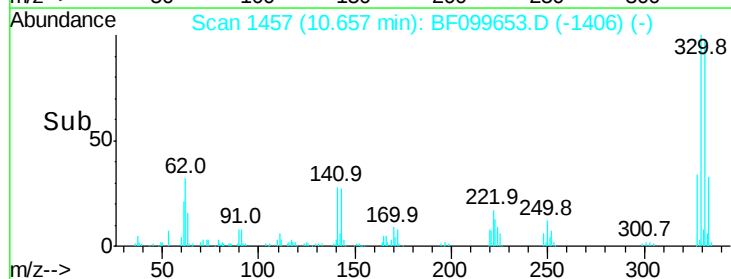
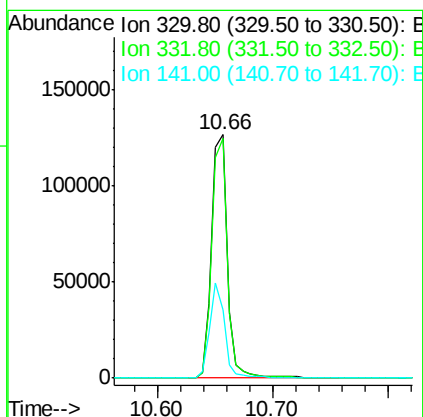
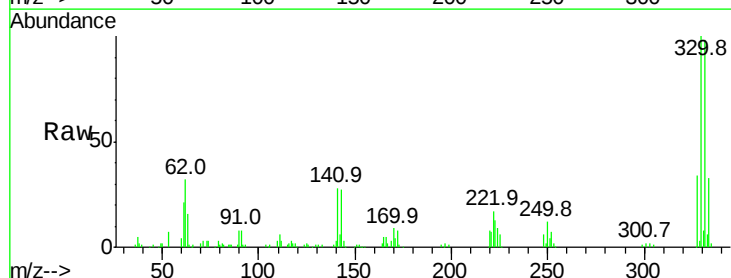
Instrument :
BNA_F
ClientSampleId :

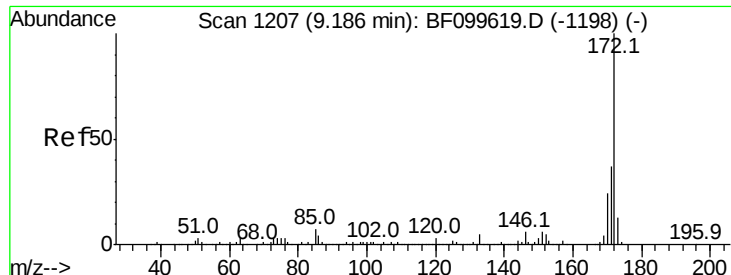
Tot Ion:164 Resp: 105517
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 45.9 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 140.786 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

Tgt Ion:330 Resp: 121557
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 36.4 29.9 44.9

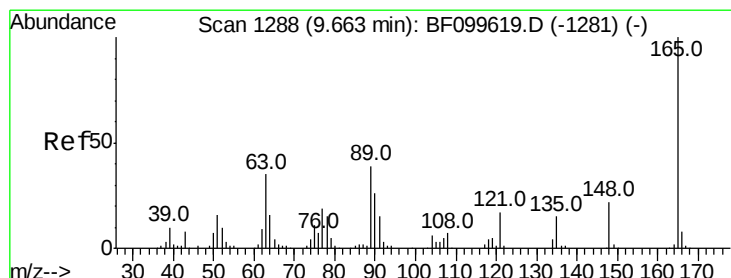
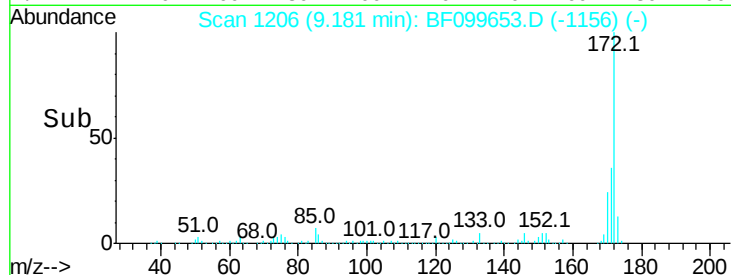
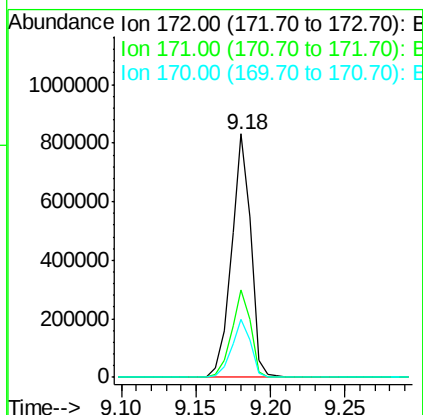
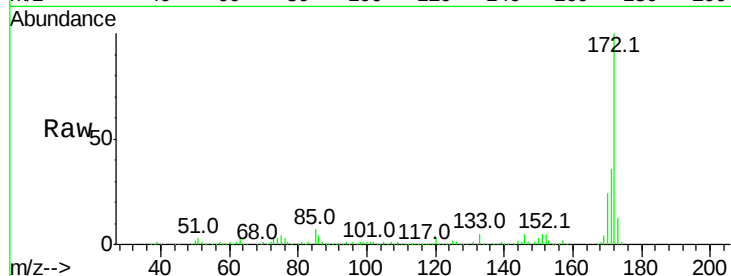




#44
2-Fluorobiphenyl
Concen: 120.436 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

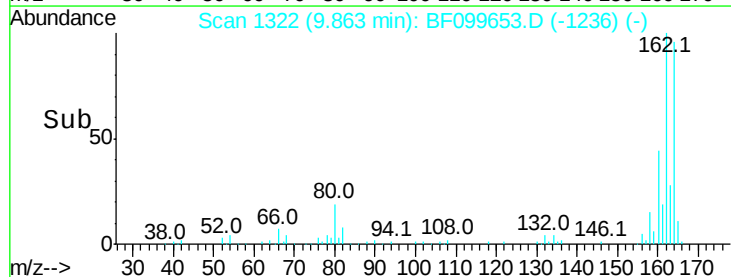
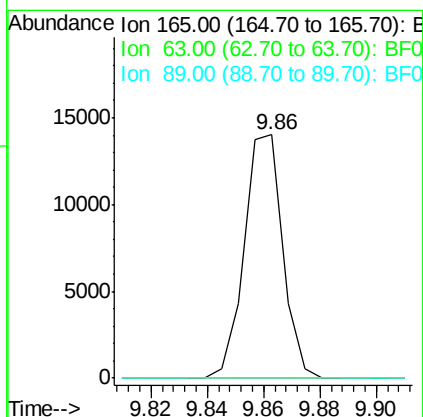
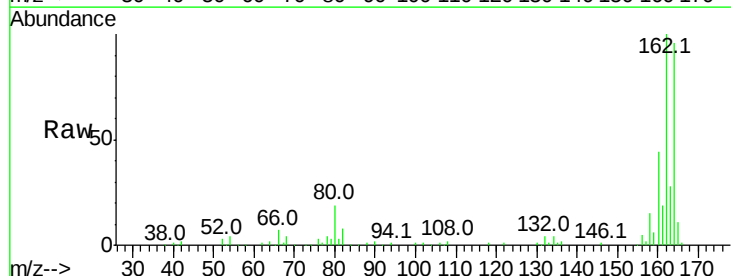
Instrument :
BNA_F
ClientSampleId :

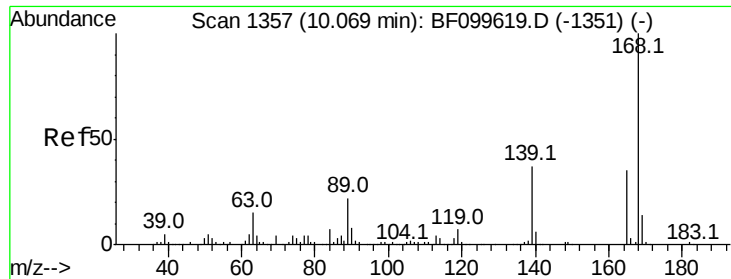
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4



#50
2,6-Dinitrotoluene
Concen: 7.628 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.21 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

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

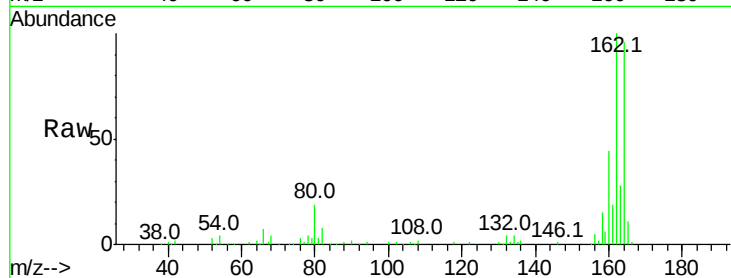




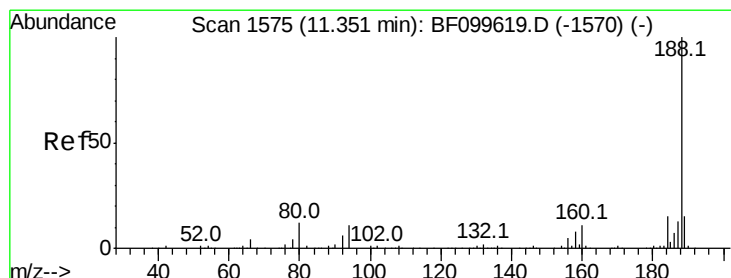
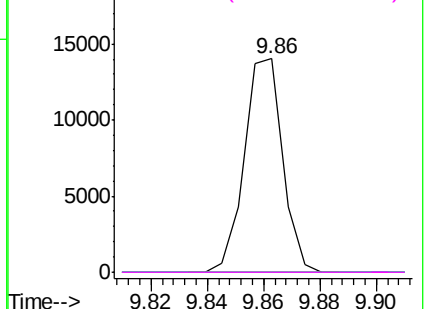
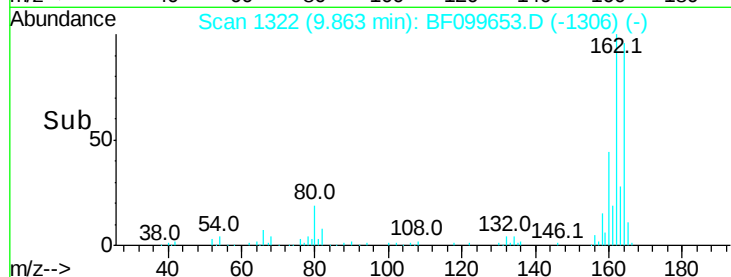
#56
2,4-Dinitrotoluene
Concen: 5.878 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.21 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 13226
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#

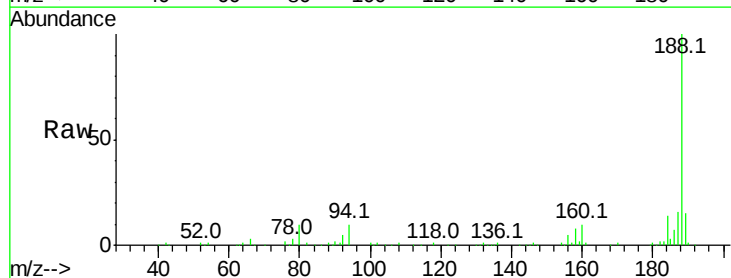


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

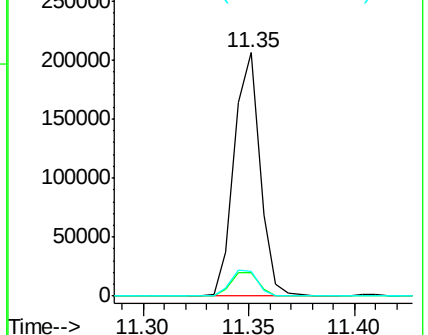
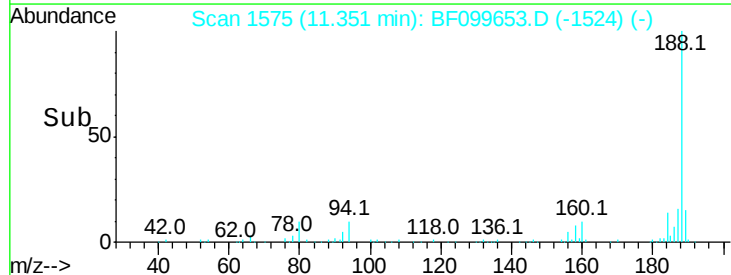


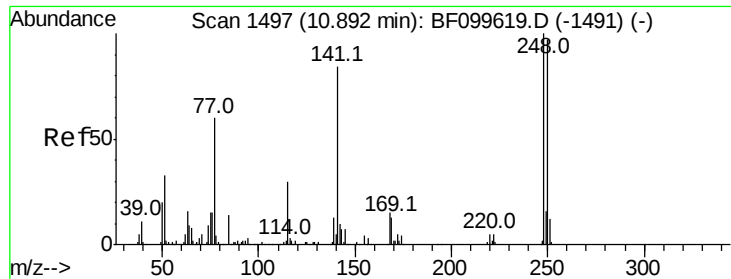
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

Tgt Ion:188 Resp: 174353
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

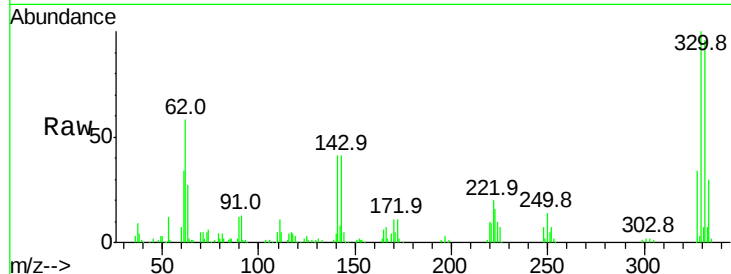




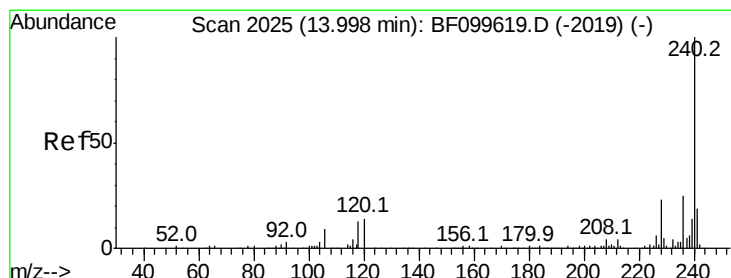
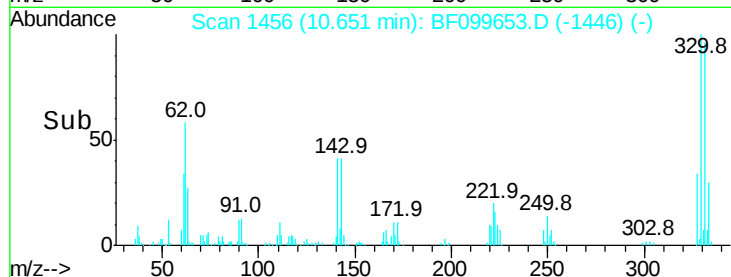
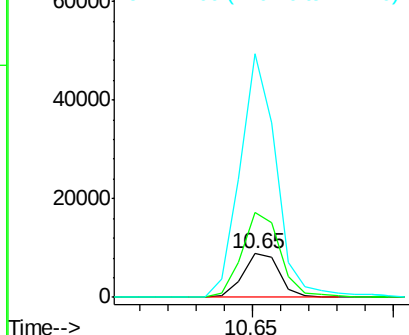
#66
4-Bromophenyl-phenylether
Concen: 4.683 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.24 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7992
Ion Ratio Lower Upper
248 100
250 193.8 76.9 115.3#
141 559.3 74.4 111.6#

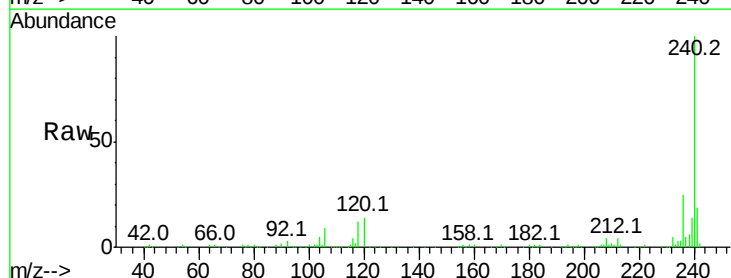


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

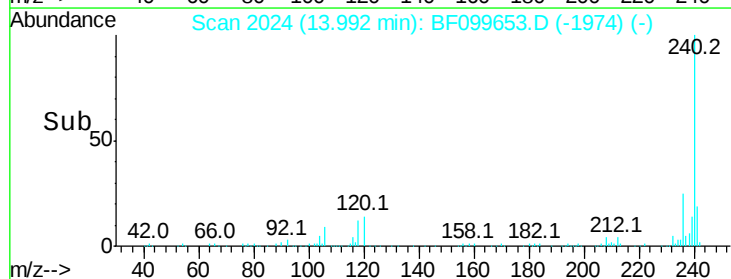
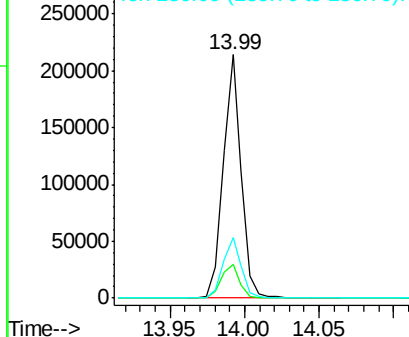


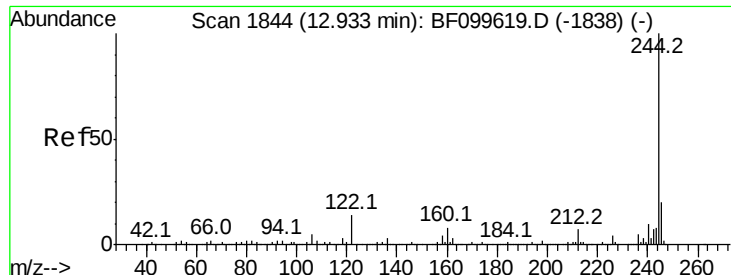
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099653.D
Acq: 19 Oct 2017 8:43

Tgt Ion:240 Resp: 181532
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 25.1 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: 80.708 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

Instrument :

BNA_F

ClientSampled :

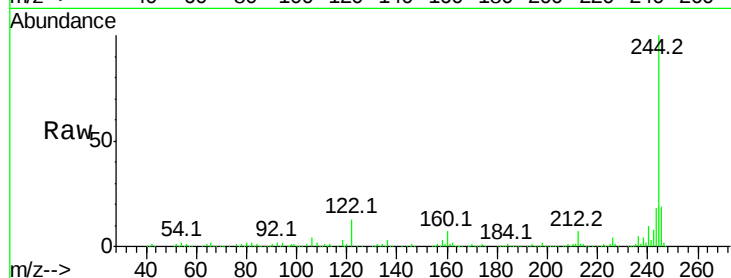
Tot Ion:244 Resp: 644226

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

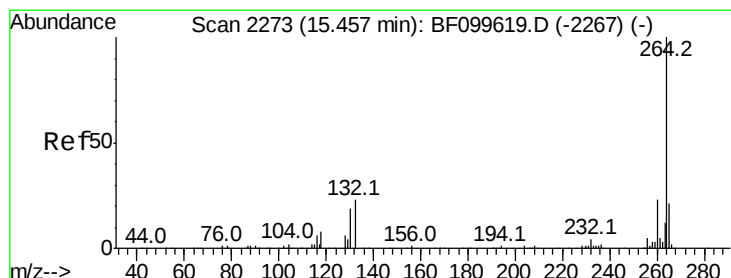
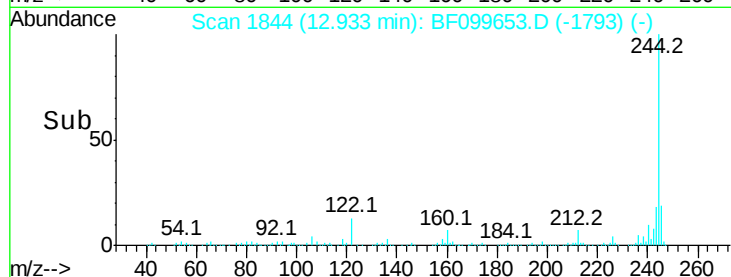
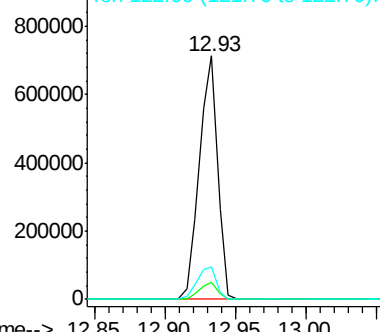
122 13.2 11.0 16.4



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: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

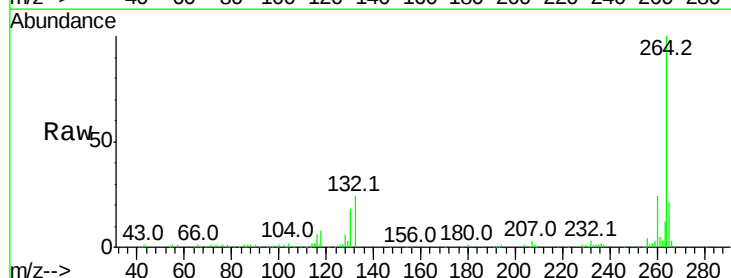
Tgt Ion:264 Resp: 146898

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.4 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

