

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099612.D
 Acq On : 18 Oct 2017 12:50
 Operator : SJ/JU
 Sample : I5908-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 15:21:13 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 15:18:49 2017
 Response via : Initial Calibration

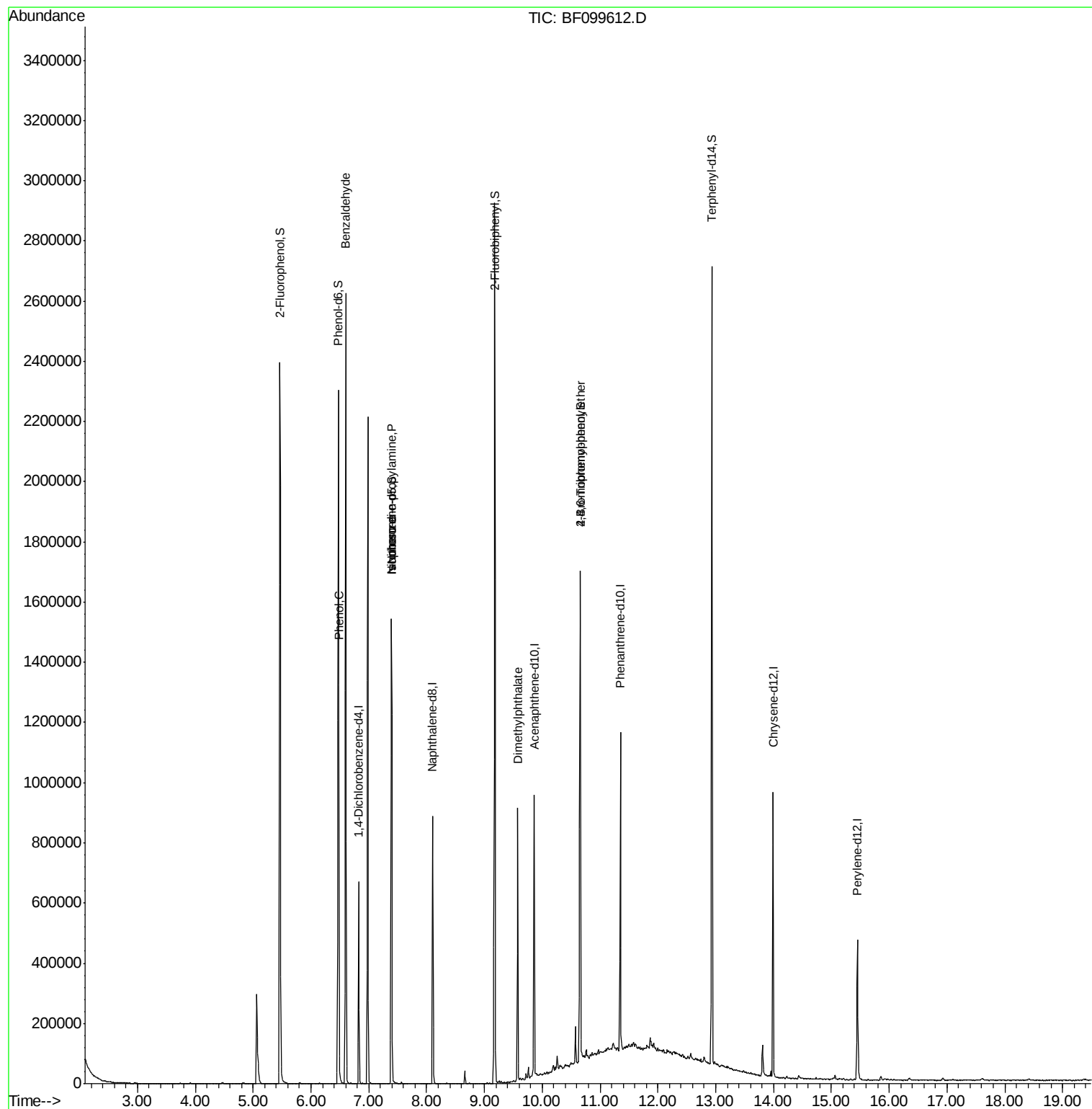
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	107958	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	444396	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	206311	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	374908	20.00	ng	0.00
75) Chrysene-d12	13.99	240	298785	20.00	ng	0.00
86) Perylene-d12	15.45	264	210956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	832296	122.73	ng	0.01
7) Phenol-d6	6.47	99	1004892	120.12	ng	0.00
23) Nitrobenzene-d5	7.39	82	605018	87.31	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	221736	131.35	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1072003	86.74	ng	0.00
78) Terphenyl-d14	12.93	244	929729	70.77	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	16083	3.314	ng	87
10) Phenol	6.49	94	57458	6.141	ng	93
19) n-Nitroso-di-n-propylamine	7.39	70	76208	14.268	ng	# 72
25) Isophorone	7.39	82	605014	42.229	ng	# 64
49) Dimethylphthalate	9.57	163	358074	22.996	ng	100
66) 4-Bromophenyl-phenylether	10.66	248	14294	3.895	ng	# 1

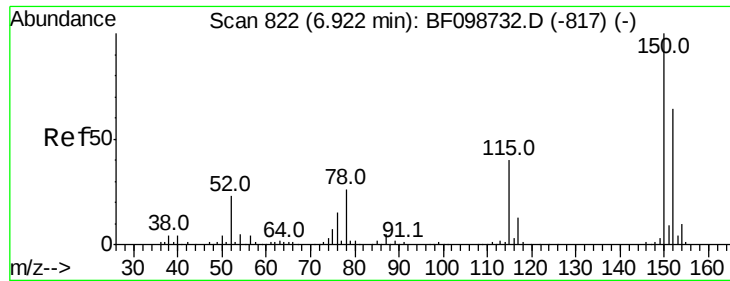
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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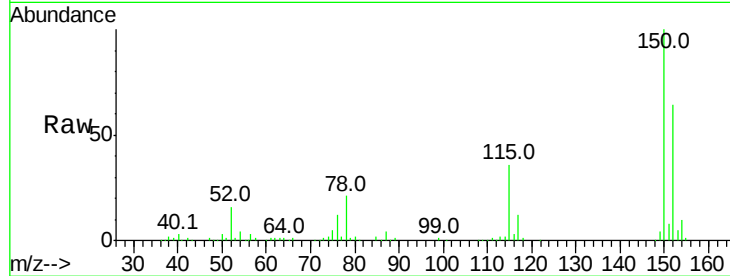


#1

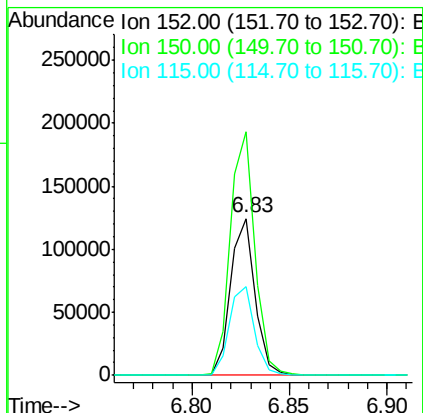
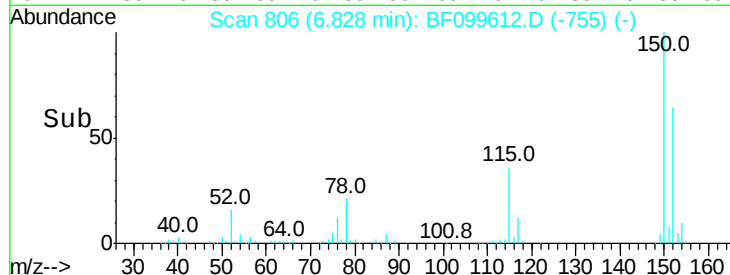
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099612.D
 Acq: 18 Oct 2017 12:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 107958
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.6 186.8
 115 56.5 50.1 75.1



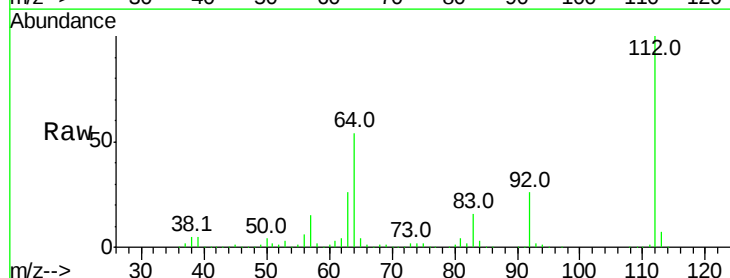
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



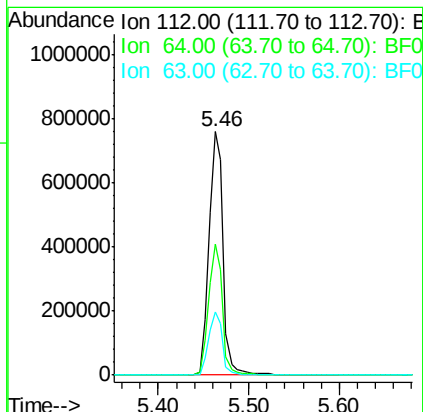
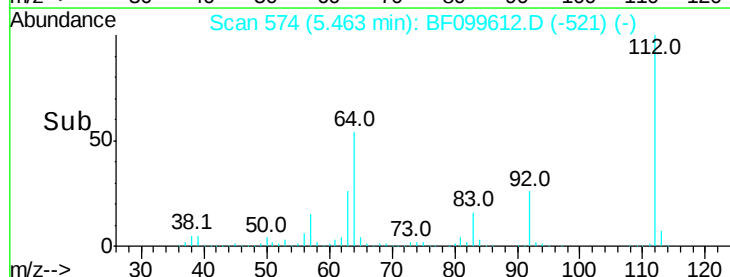
#5

2-Fluorophenol
 Concen: 122.727 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF099612.D
 Acq: 18 Oct 2017 12:50

Tgt Ion:112 Resp: 832296
 Ion Ratio Lower Upper
 112 100
 64 53.6 47.9 71.9
 63 26.1 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: 120.116 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099612.D

Acq: 18 Oct 2017 12:50

Instrument :

BNA_F

ClientSampled :

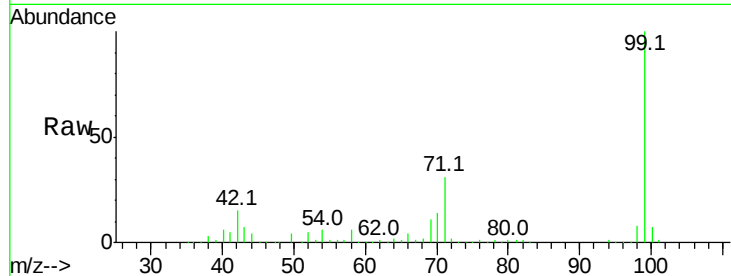
Tot Ion: 99 Resp: 1004892

Ion Ratio Lower Upper

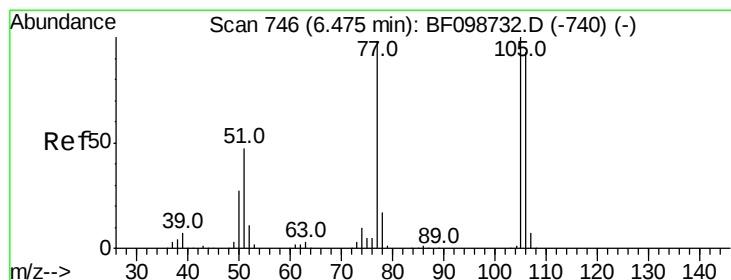
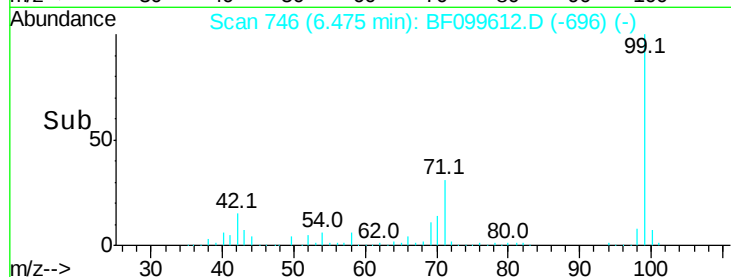
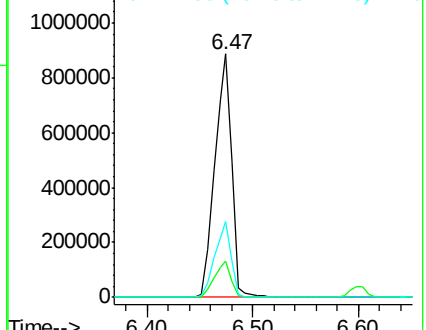
99 100

42 14.7 14.5 21.7

71 30.9 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: 3.314 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.22 min

Lab File: BF099612.D

Acq: 18 Oct 2017 12:50

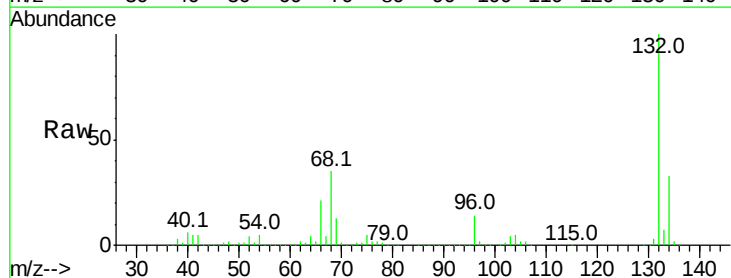
Tgt Ion: 77 Resp: 16083

Ion Ratio Lower Upper

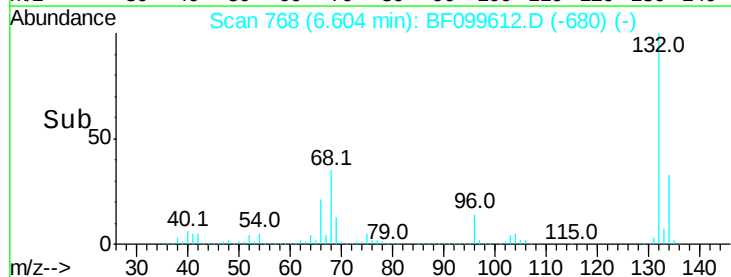
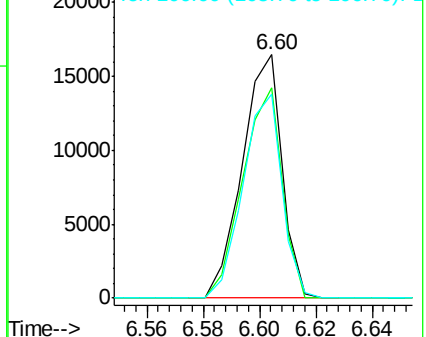
77 100

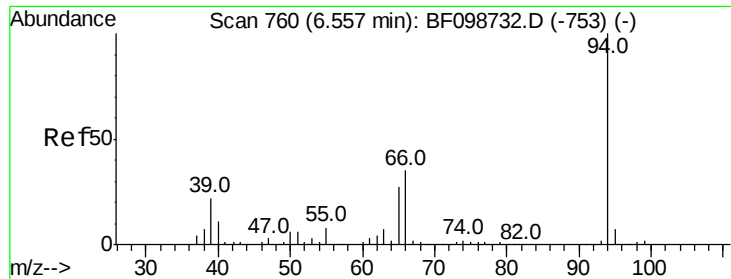
105 86.2 81.1 121.1

106 83.6 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





#10

Phenol

Concen: 6.141 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099612.D

Acq: 18 Oct 2017 12:50

Instrument :

BNA_F

ClientSampled :

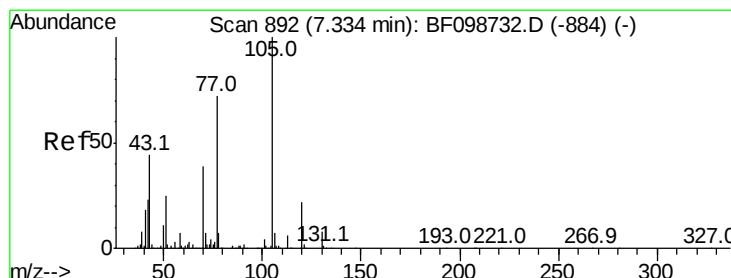
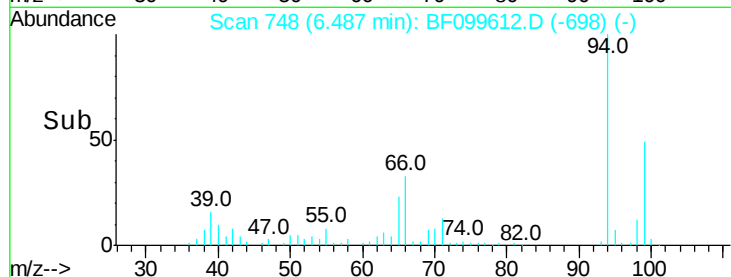
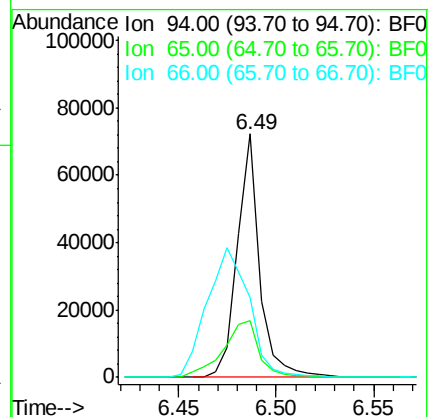
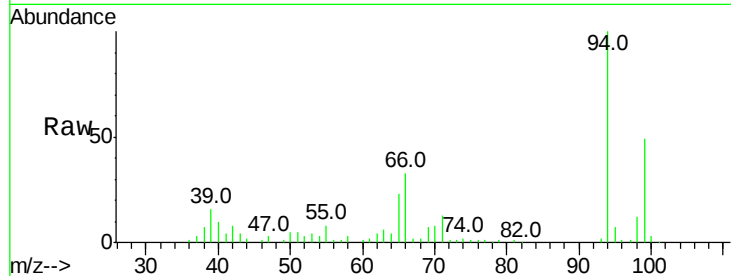
Tot Ion: 94 Resp: 57458

Ion Ratio Lower Upper

94 100

65 23.2 7.9 47.9

66 32.7 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.268 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.15 min

Lab File: BF099612.D

Acq: 18 Oct 2017 12:50

Tgt Ion: 70 Resp: 76208

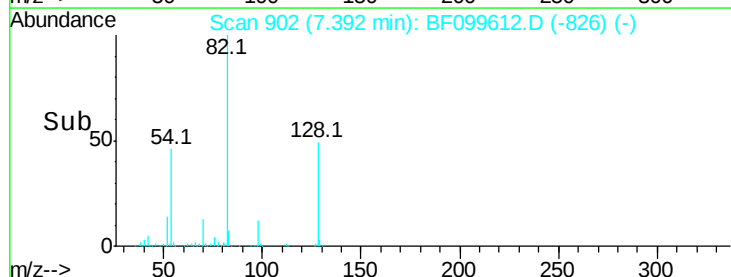
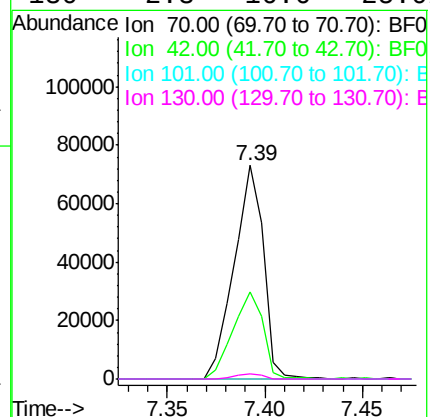
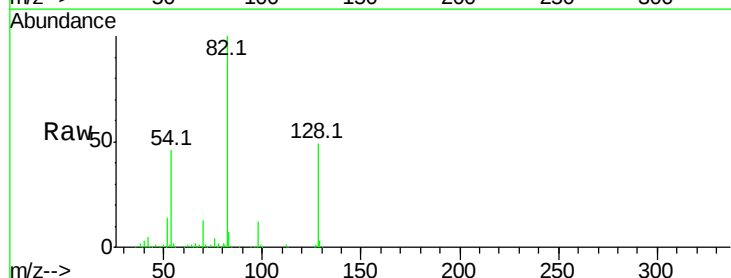
Ion Ratio Lower Upper

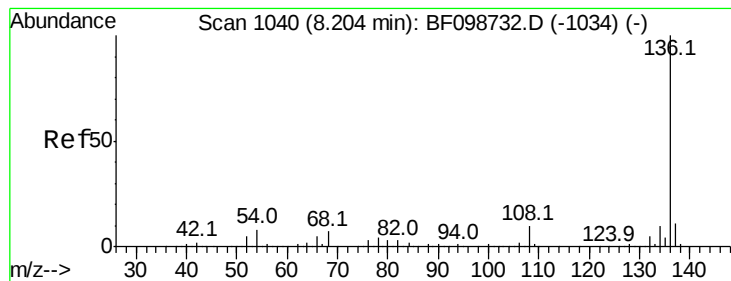
70 100

42 41.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF099612.D

Acq: 18 Oct 2017 12:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 444396

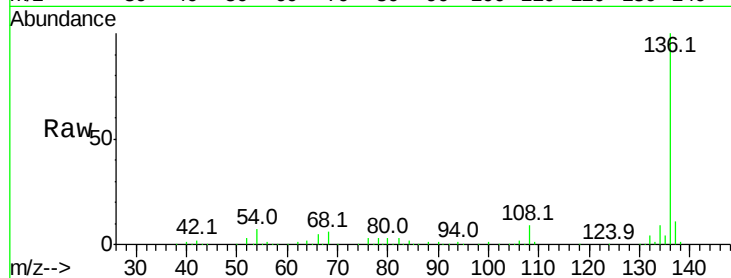
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 6.0 5.0 7.4

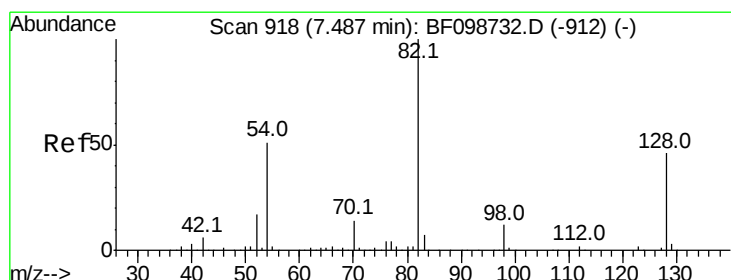
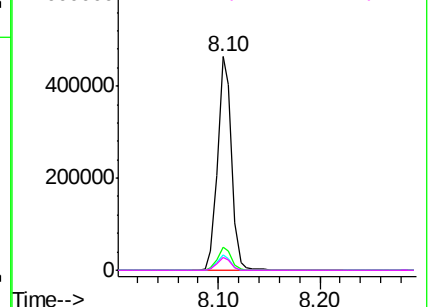
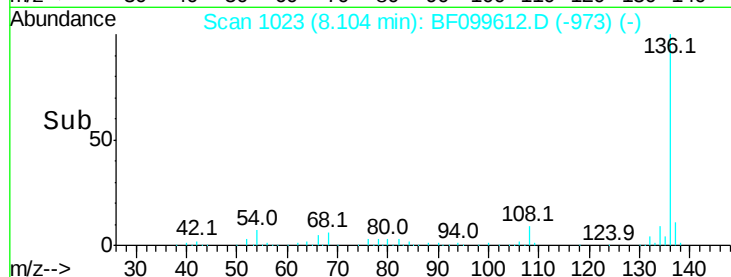


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 87.309 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF099612.D

Acq: 18 Oct 2017 12:50

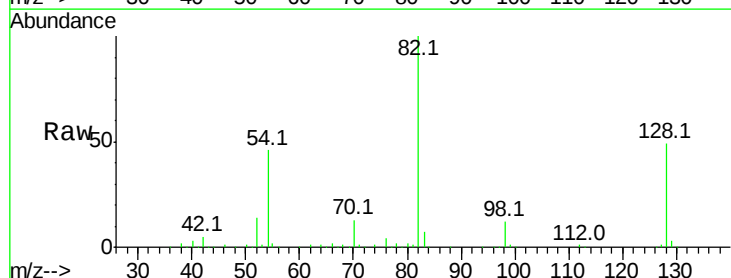
Tgt Ion: 82 Resp: 605018

Ion Ratio Lower Upper

82 100

128 48.8 36.1 54.1

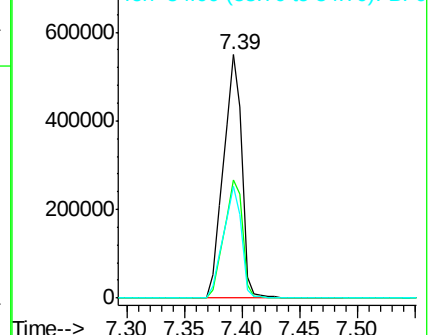
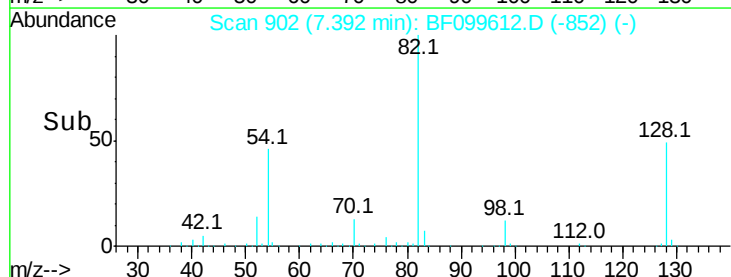
54 46.0 41.4 62.2

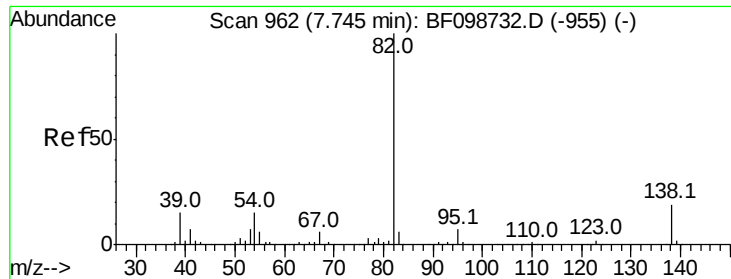


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.229 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

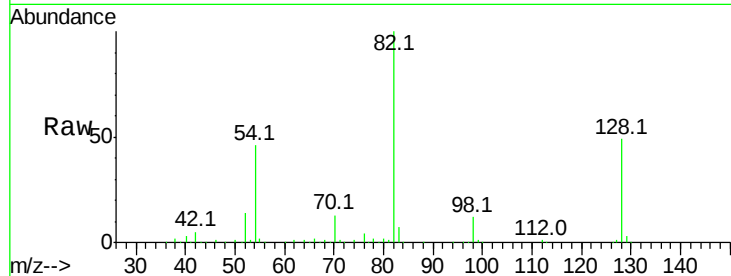
Lab File: BF099612.D

Acq: 18 Oct 2017 12:50

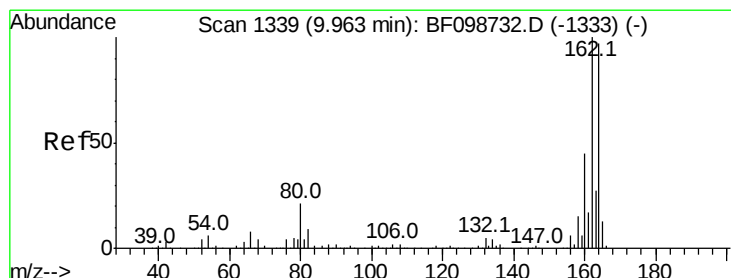
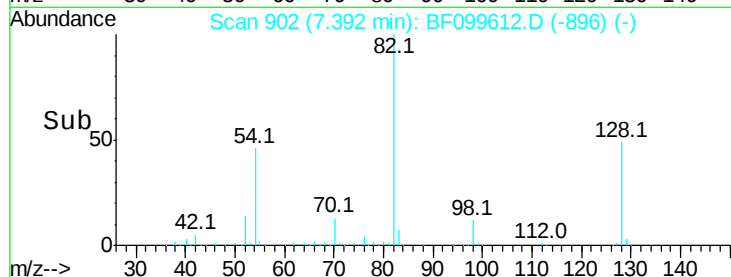
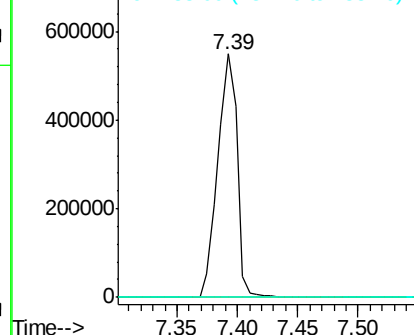
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 605014

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): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

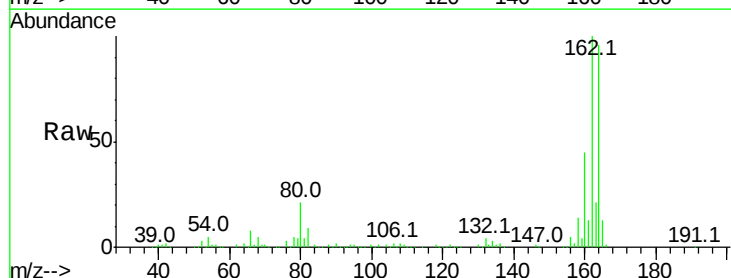
Delta R.T. -0.01 min

Lab File: BF099612.D

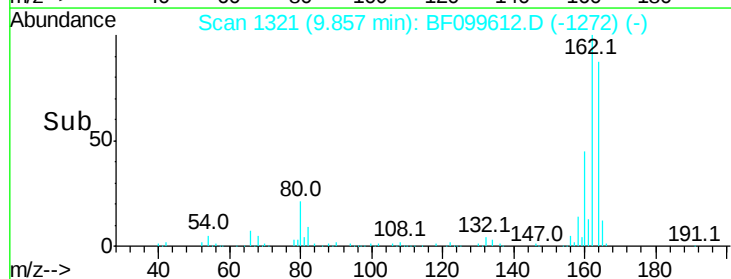
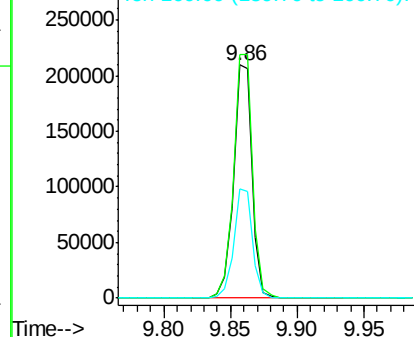
Acq: 18 Oct 2017 12:50

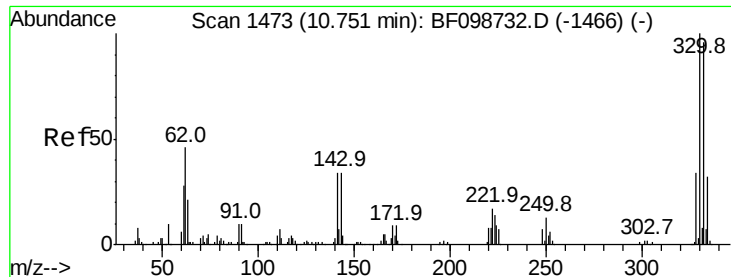
Tgt Ion:164 Resp: 206311

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	46.7	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

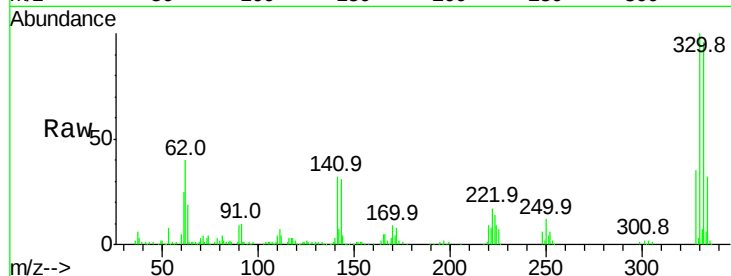




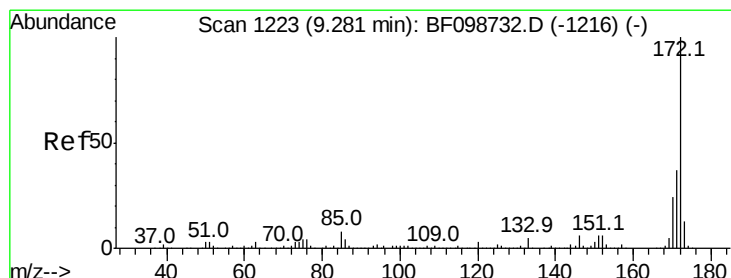
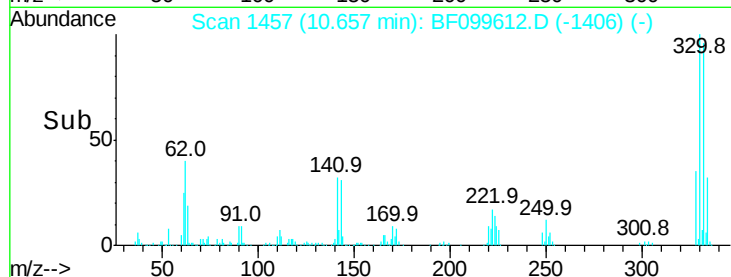
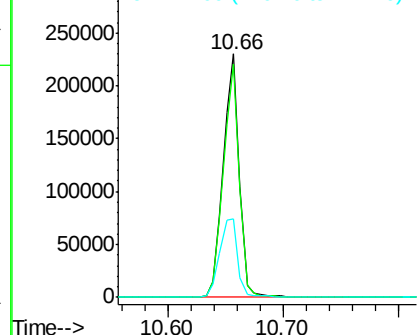
#41
 2,4,6-Tribromophenol
 Concen: 131.346 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099612.D
 Acq: 18 Oct 2017 12:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	37.4	29.9	44.9

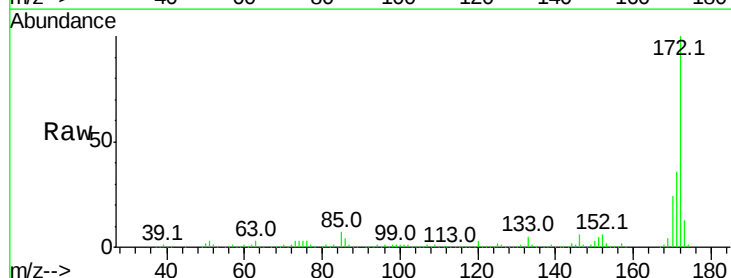


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

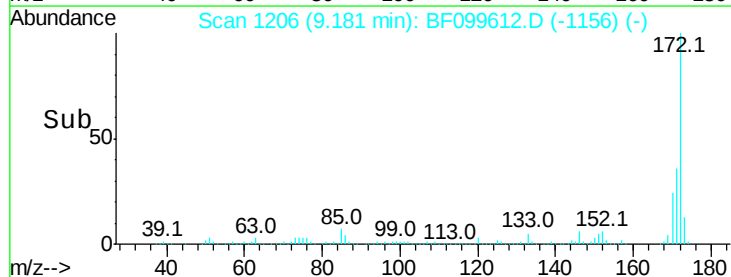
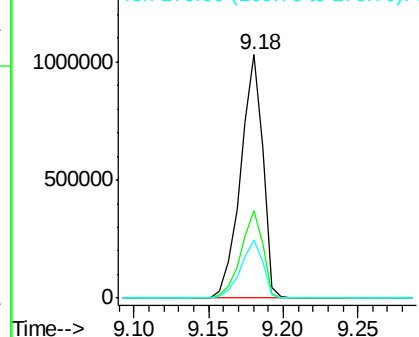


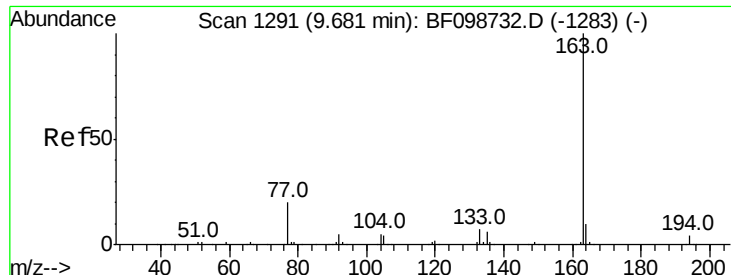
#44
 2-Fluorobiphenyl
 Concen: 86.744 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099612.D
 Acq: 18 Oct 2017 12:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	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

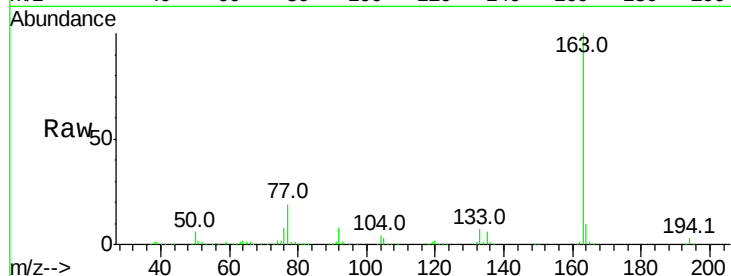




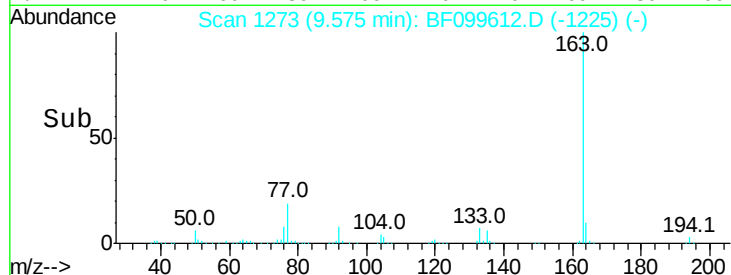
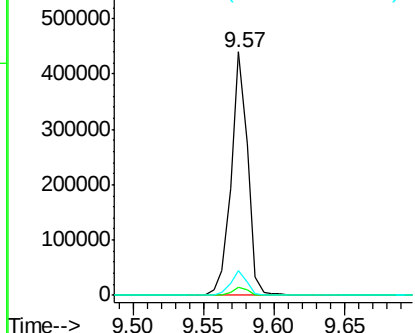
#49
Dimethylphthalate
Concen: 22.996 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF099612.D
Acq: 18 Oct 2017 12:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 358074
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 8.2 12.2

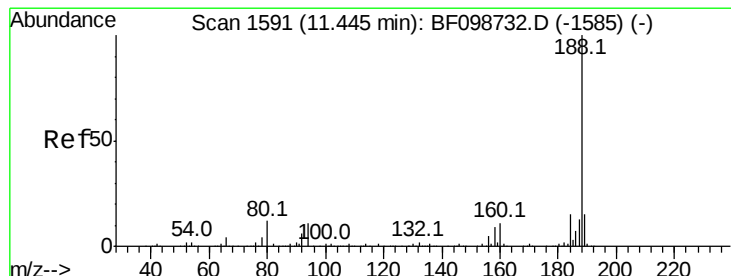


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

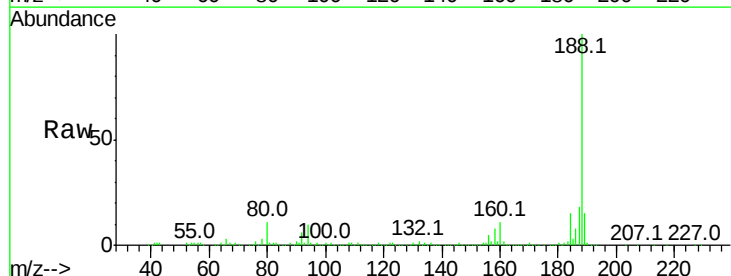
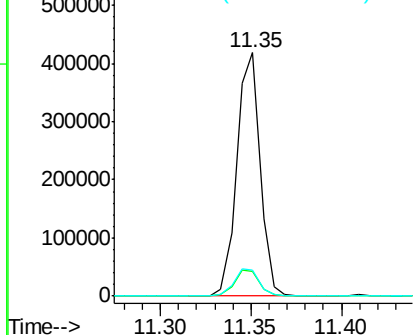


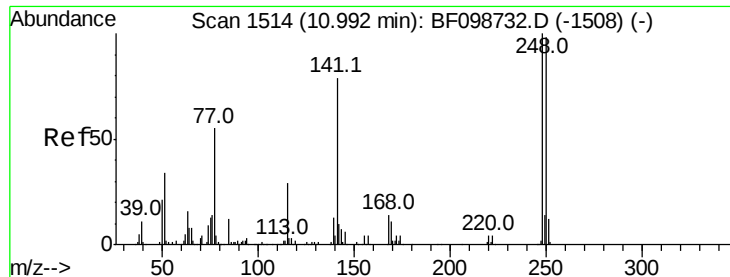
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099612.D
Acq: 18 Oct 2017 12:50

Tgt Ion:188 Resp: 374908
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.7 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

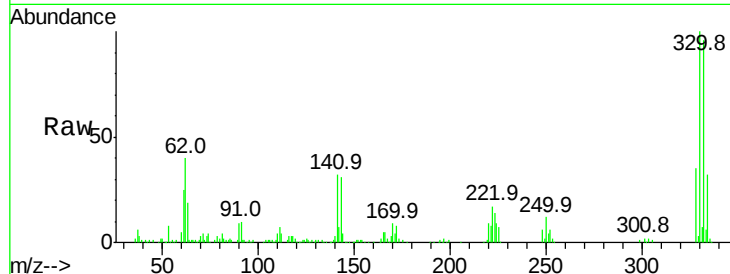




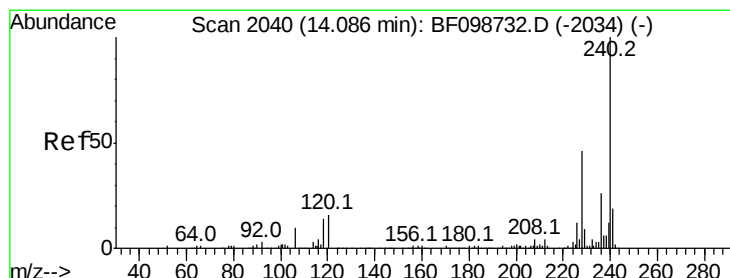
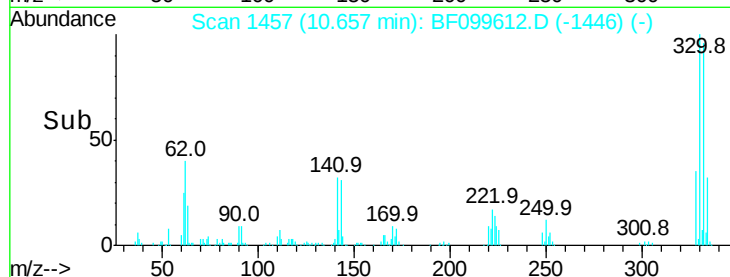
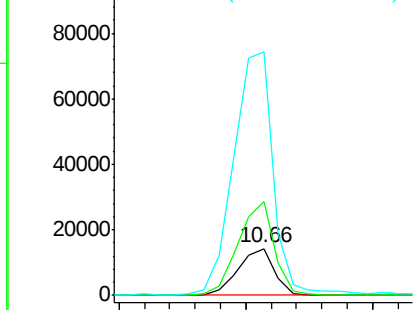
#66
 4-Bromophenyl-phenylether
 Concen: 3.895 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.23 min
 Lab File: BF099612.D
 Acq: 18 Oct 2017 12:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 14294
 Ion Ratio Lower Upper
 248 100
 250 199.5 76.9 115.3#
 141 517.4 74.4 111.6#

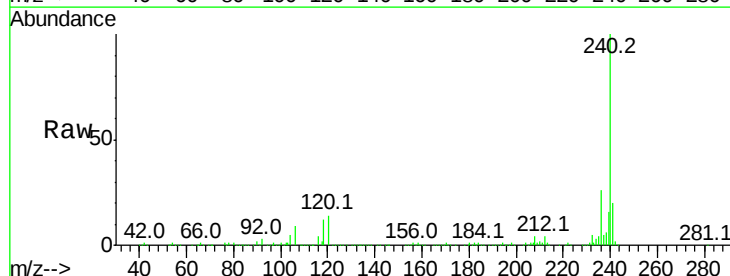


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

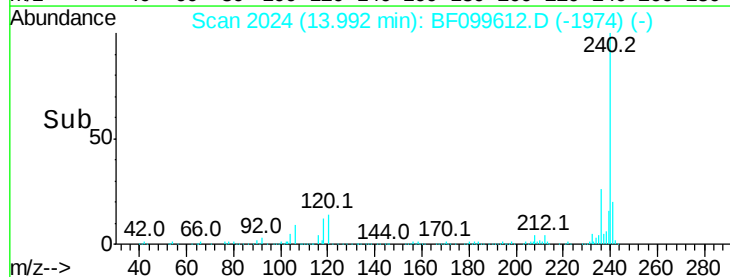
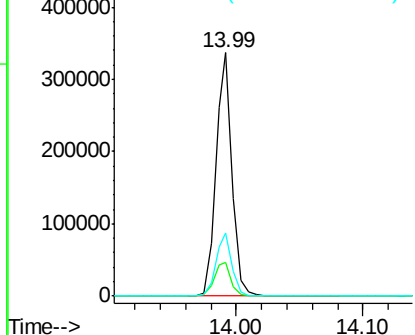


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099612.D
 Acq: 18 Oct 2017 12:50

Tgt Ion:240 Resp: 298785
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 25.7 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

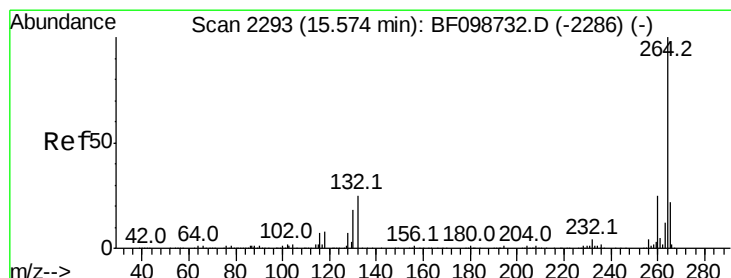
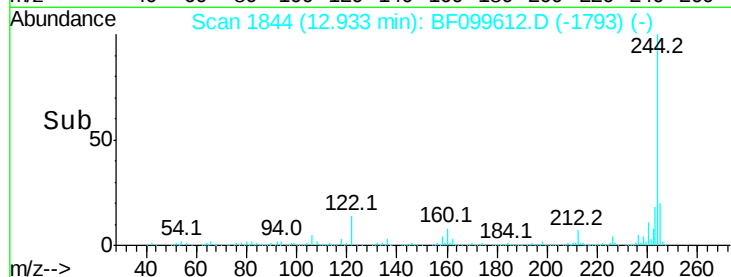
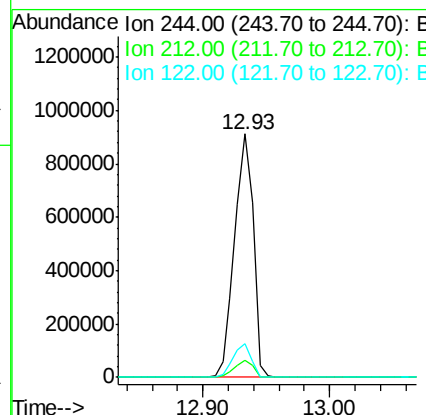
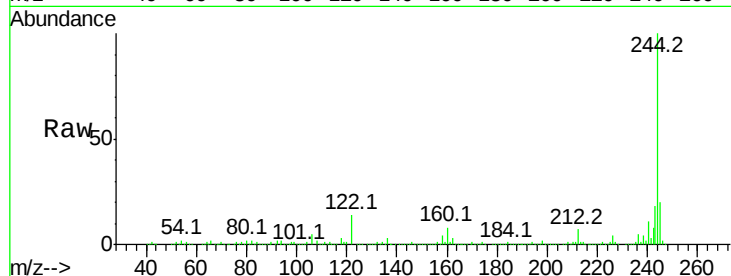




#78
 Terphenyl-d14
 Concen: 70.766 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF099612.D
 Acq: 18 Oct 2017 12:50

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 929729
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF099612.D
 Acq: 18 Oct 2017 12:50

Tgt Ion:264 Resp: 210956
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.4 17.5 26.3

