

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099579.D
 Acq On : 17 Oct 2017 7:59
 Operator : SJ/JU
 Sample : I5905-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 11:18:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

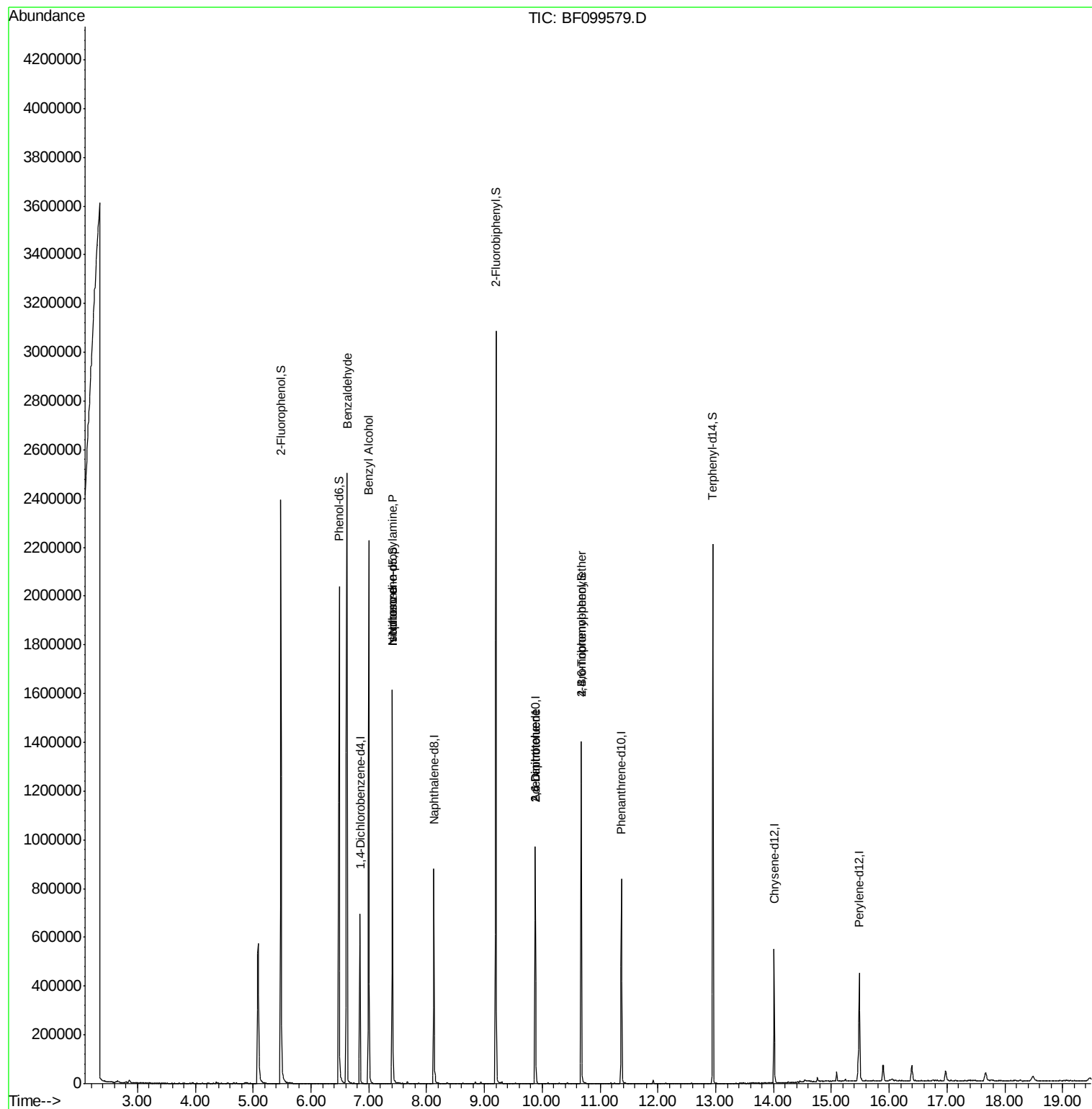
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	105672	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	427575	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	179714	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	273050	20.00	ng	0.00
75) Chrysene-d12	14.02	240	192150	20.00	ng	0.00
86) Perylene-d12	15.49	264	203784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	774344	116.65	ng	0.01
7) Phenol-d6	6.49	99	854481	104.35	ng	0.00
23) Nitrobenzene-d5	7.41	82	587344	88.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	179022	121.74	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1080845	100.40	ng	-0.01
78) Terphenyl-d14	12.95	244	729100	86.29	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	15165	3.193	ng	89
15) Benzyl Alcohol	7.00	79	20153	3.355	ng	# 61
19) n-Nitroso-di-n-propylamine	7.41	70	73927	14.140	ng	# 74
25) Isophorone	7.41	82	587340	42.608	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	22544	7.634	ng	# 26
56) 2,4-Dinitrotoluene	9.88	165	22544	5.883	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	11572	4.330	ng	# 1

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

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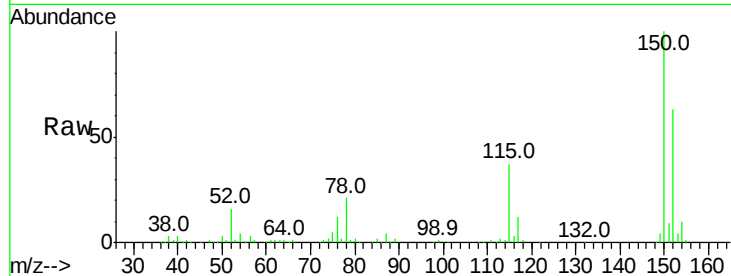


#1

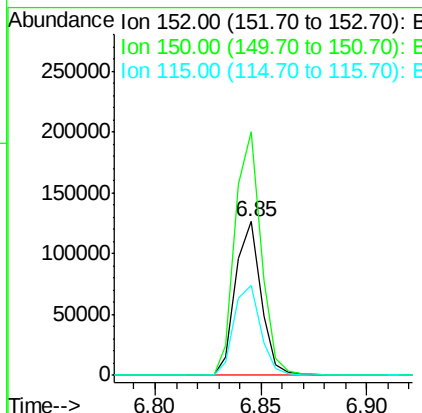
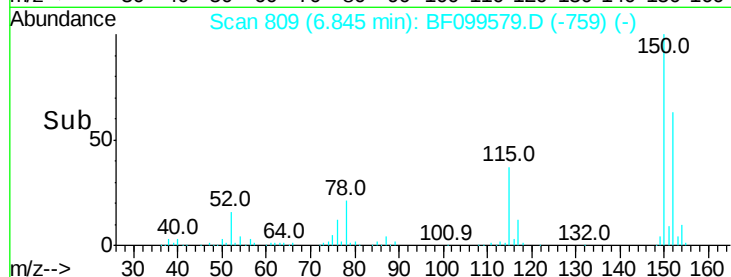
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF099579.D
 Acq: 17 Oct 2017 7:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 105672
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 58.7 50.1 75.1



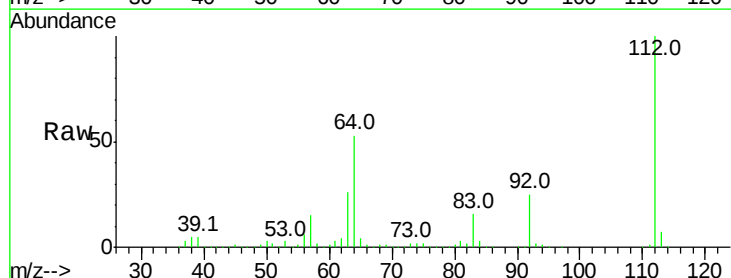
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



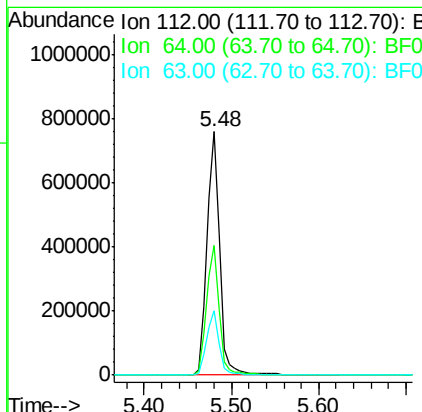
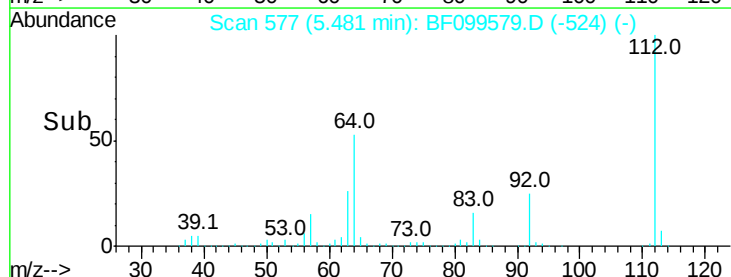
#5

2-Fluorophenol
 Concen: 116.651 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF099579.D
 Acq: 17 Oct 2017 7:59

Tgt Ion:112 Resp: 774344
 Ion Ratio Lower Upper
 112 100
 64 53.2 47.9 71.9
 63 26.3 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: 104.347 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099579.D

Acq: 17 Oct 2017 7:59

Instrument :

BNA_F

ClientSampleId :

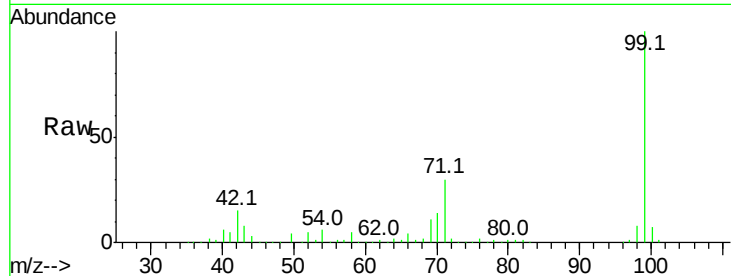
Tot Ion: 99 Resp: 854481

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

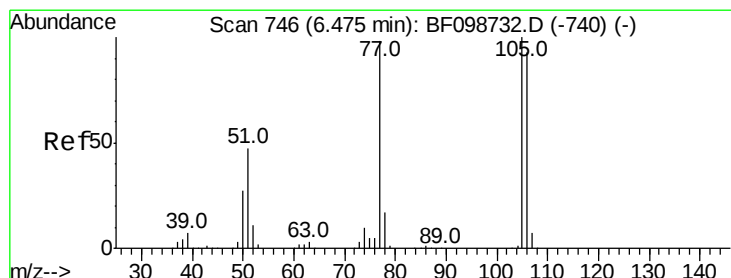
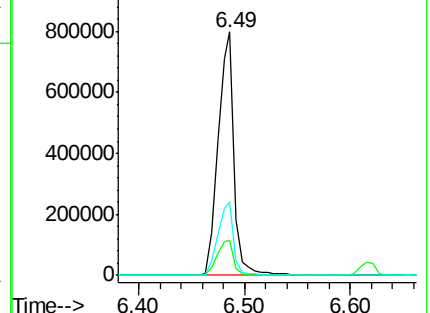
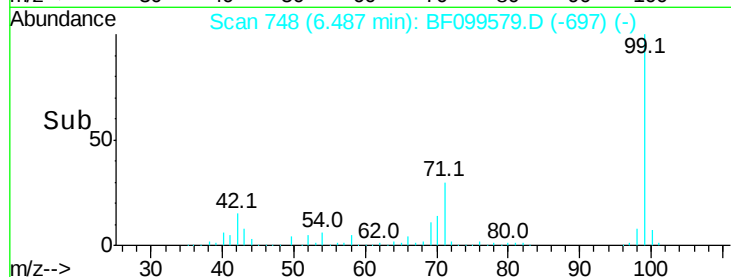
71 29.9 25.4 38.0



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: 3.193 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099579.D

Acq: 17 Oct 2017 7:59

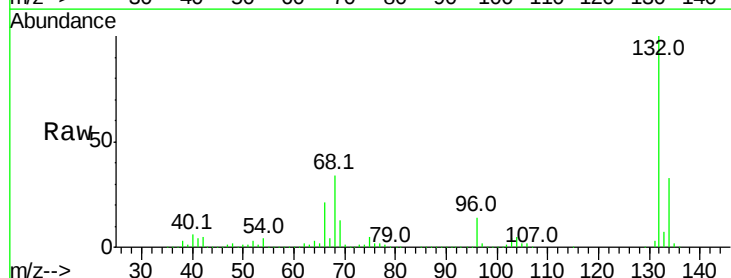
Tgt Ion: 77 Resp: 15165

Ion Ratio Lower Upper

77 100

105 86.7 81.1 121.1

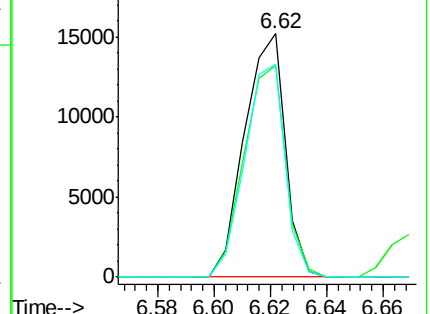
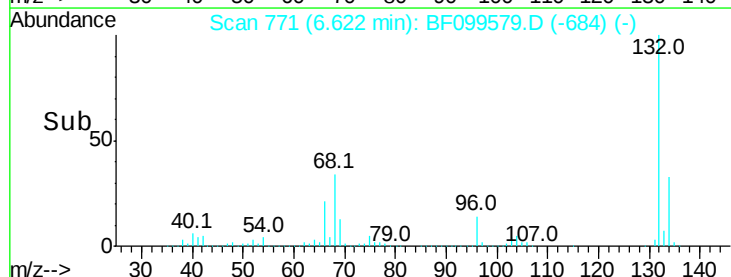
106 87.5 74.5 114.5

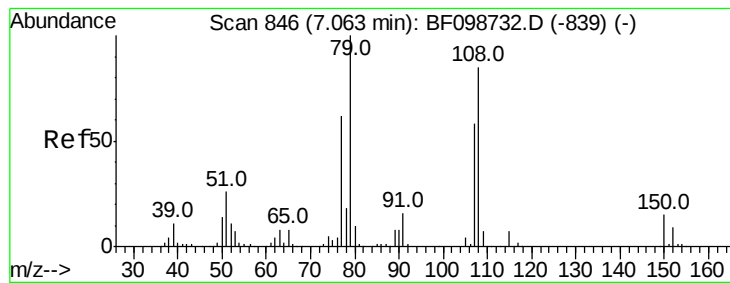


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 3.355 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF099579.D

Acq: 17 Oct 2017 7:59

Instrument :

BNA_F

ClientSampleId :

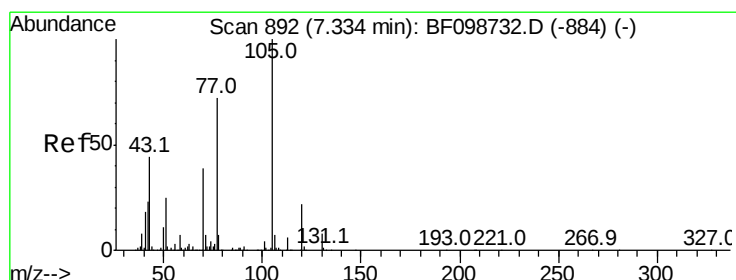
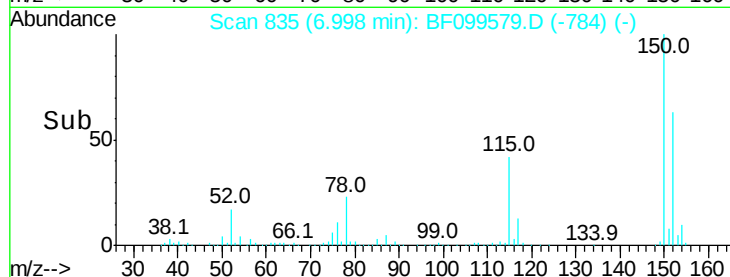
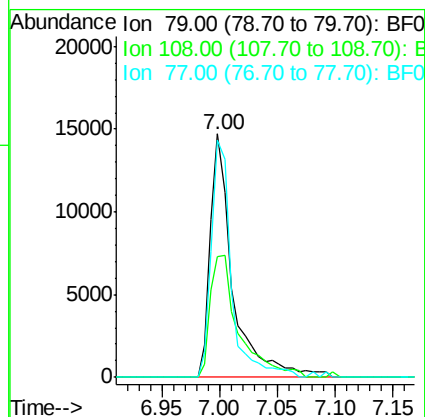
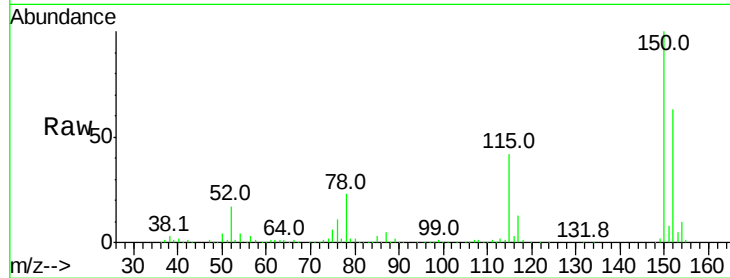
Tot Ion: 79 Resp: 20153

Ion Ratio Lower Upper

79 100

108 49.4 65.1 97.7#

77 97.4 50.6 75.8#



#19

n-Nitroso-di-n-propylamine

Concen: 14.140 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF099579.D

Acq: 17 Oct 2017 7:59

Tgt Ion: 70 Resp: 73927

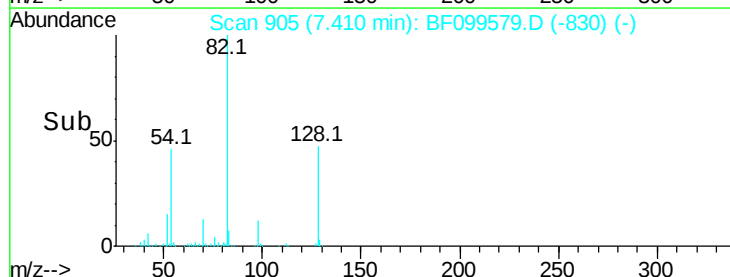
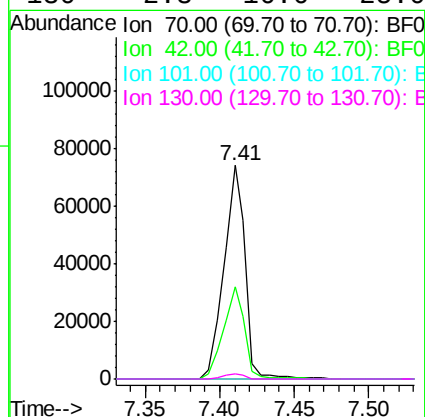
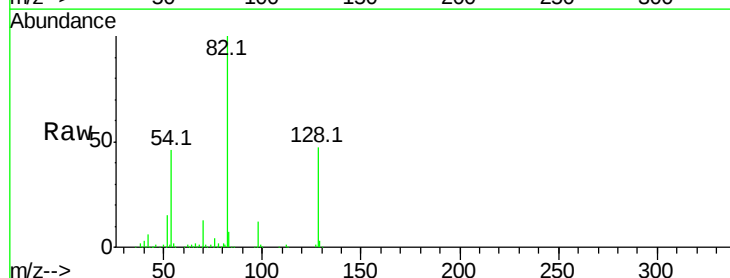
Ion Ratio Lower Upper

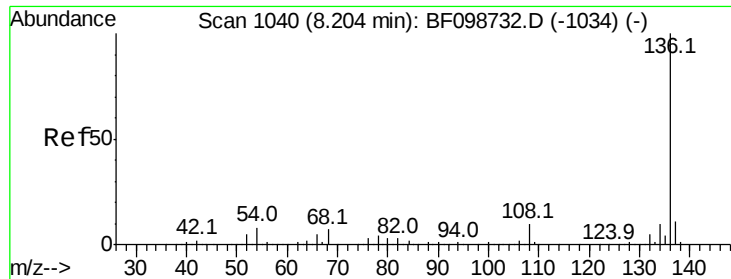
70 100

42 43.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

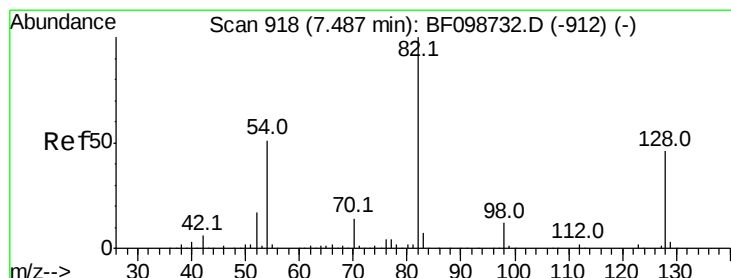
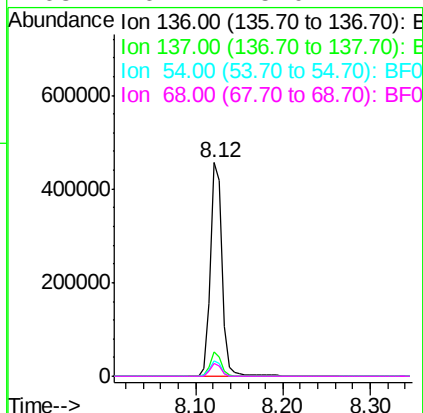
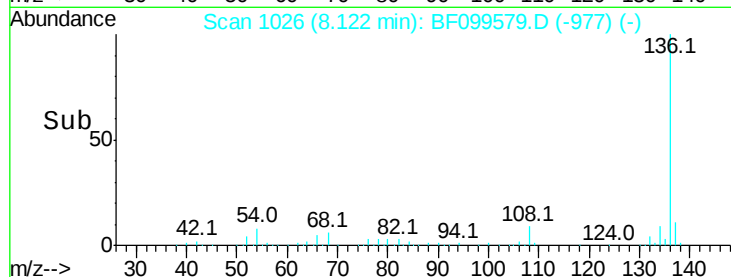
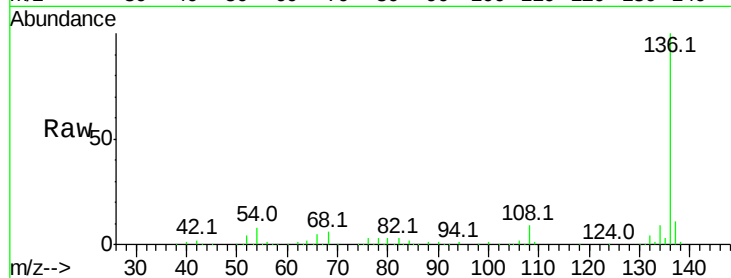




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099579.D
Acq: 17 Oct 2017 7:59

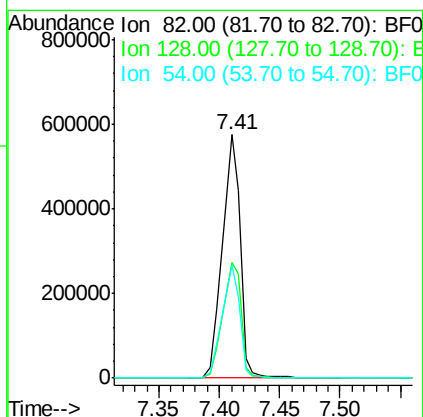
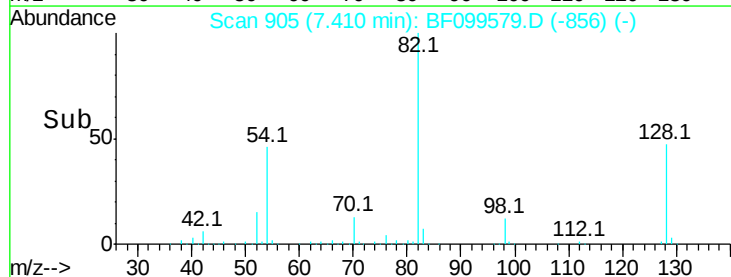
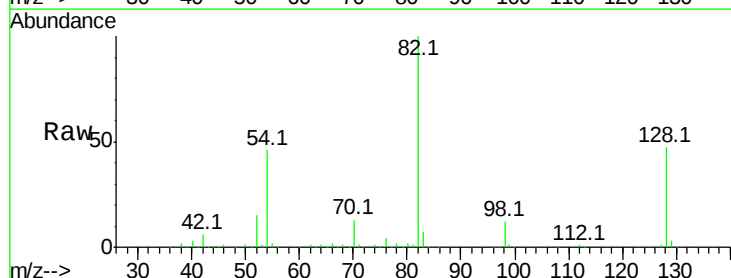
Instrument :
BNA_F
ClientSampleId :

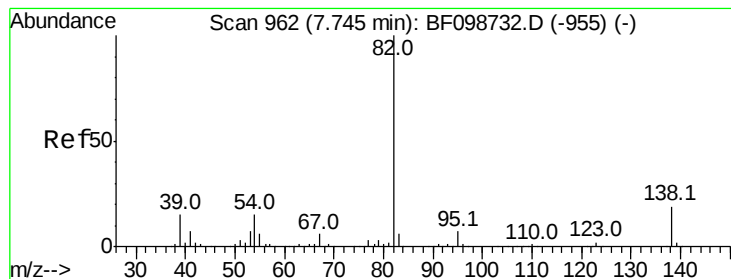
Tot Ion:	136	Resp:	427575
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.6	9.8
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 88.093 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099579.D
Acq: 17 Oct 2017 7:59

Tgt Ion:	82	Resp:	587344
Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	46.3	41.4	62.2





#25

Isophorone

Concen: 42.608 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF099579.D

Acq: 17 Oct 2017 7:59

Instrument :

BNA_F

ClientSampleId :

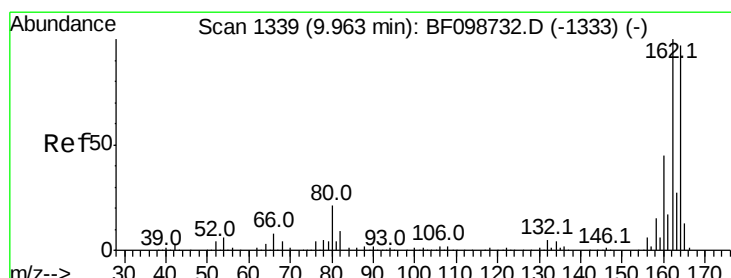
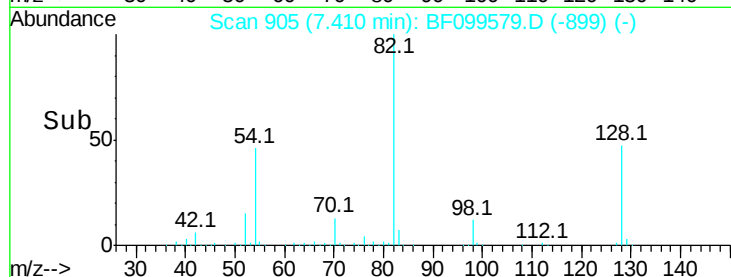
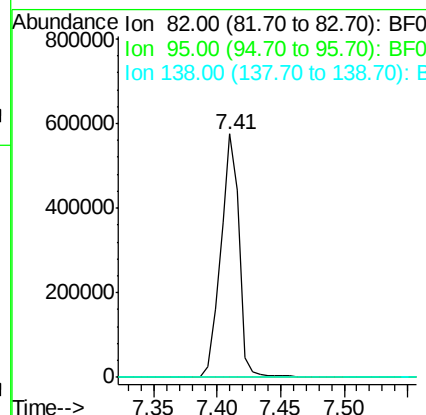
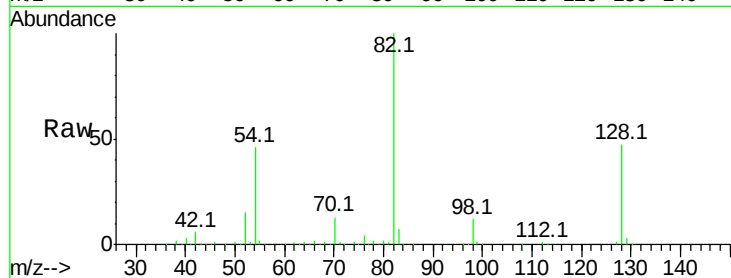
Tot Ion: 82 Resp: 587340

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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099579.D

Acq: 17 Oct 2017 7:59

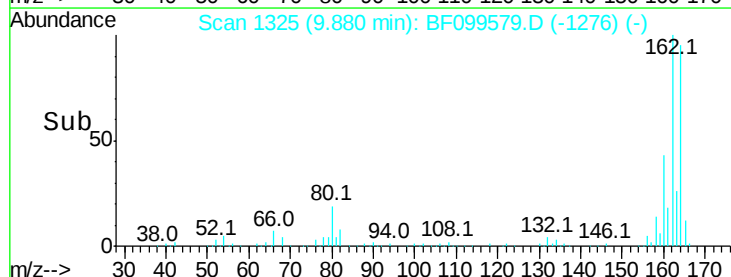
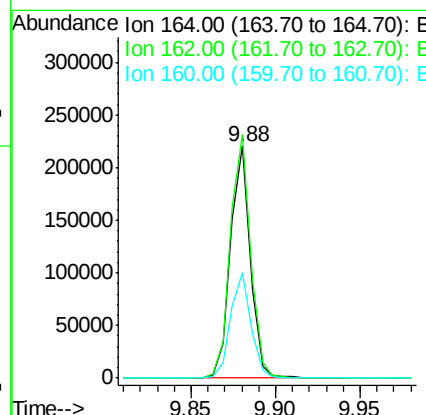
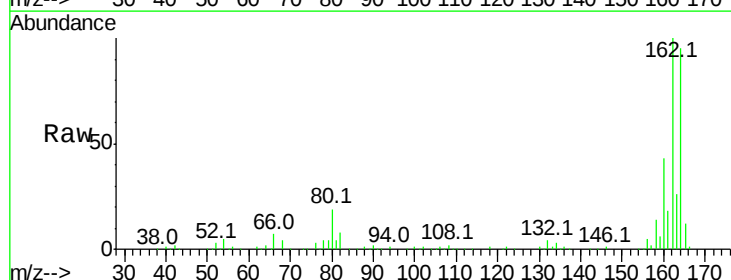
Tgt Ion:164 Resp: 179714

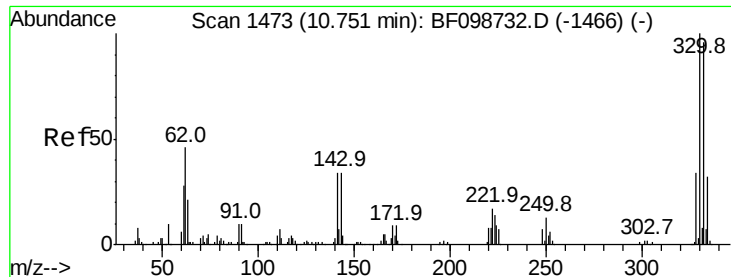
Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

160 45.6 38.3 57.5

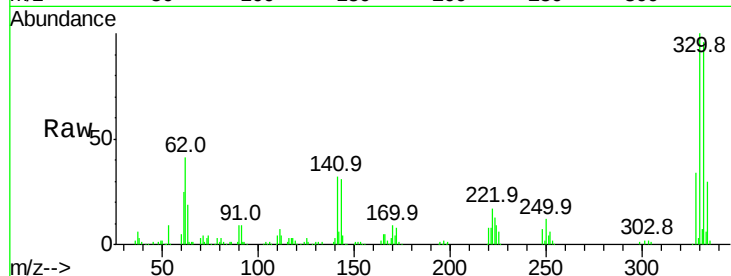




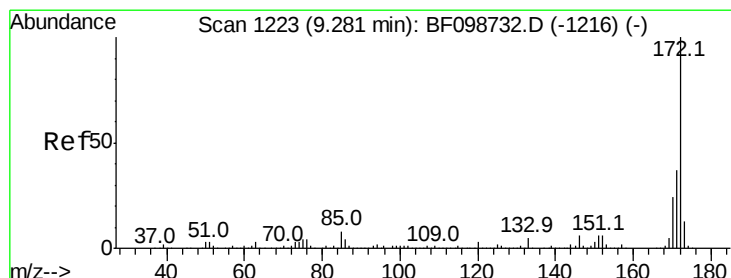
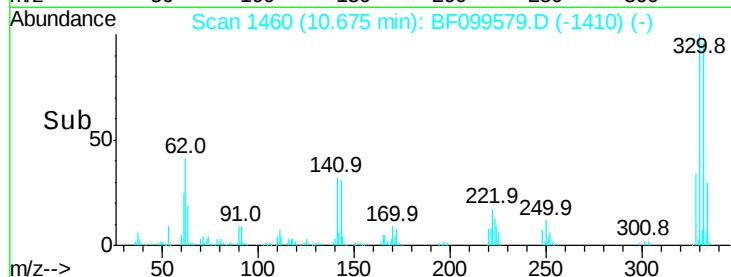
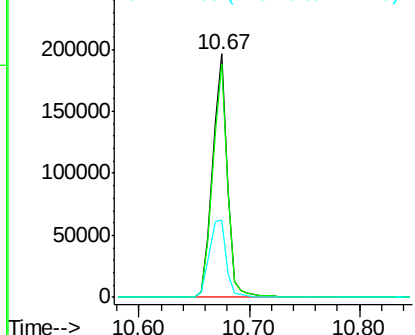
#41
 2,4,6-Tribromophenol
 Concen: 121.738 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099579.D
 Acq: 17 Oct 2017 7:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 179022
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 36.8 29.9 44.9

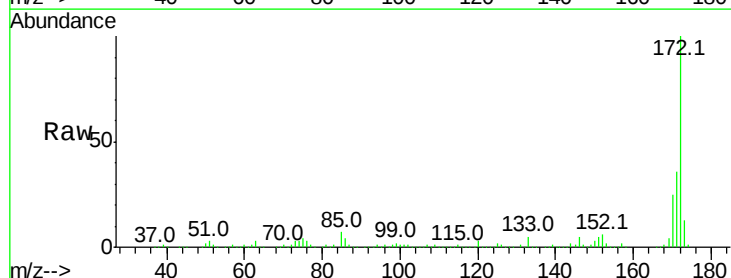


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

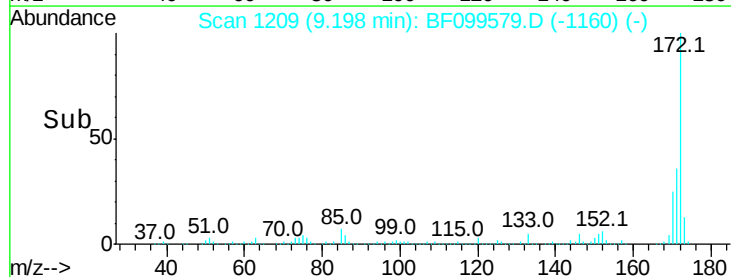
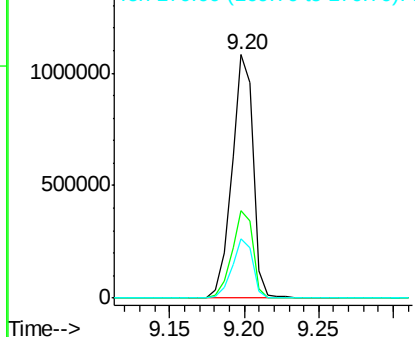


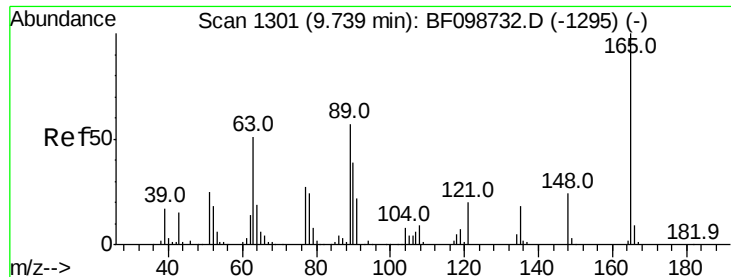
#44
 2-Fluorobiphenyl
 Concen: 100.403 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099579.D
 Acq: 17 Oct 2017 7:59

Tgt Ion:172 Resp: 1080845
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.5 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

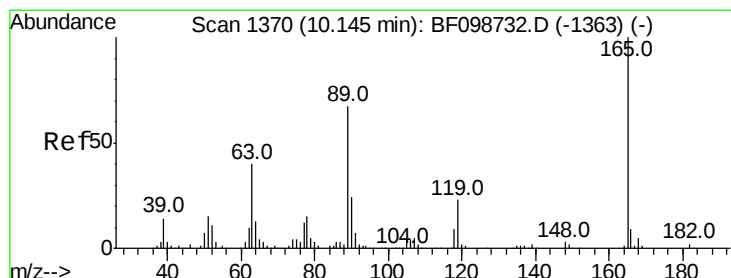
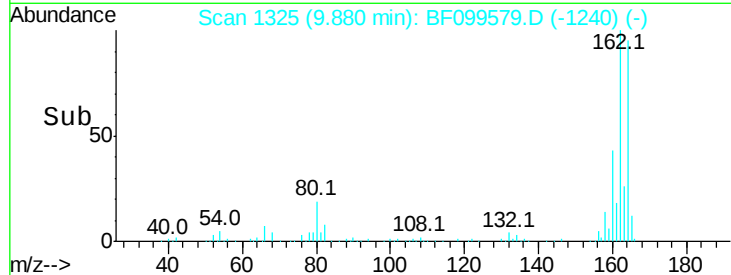
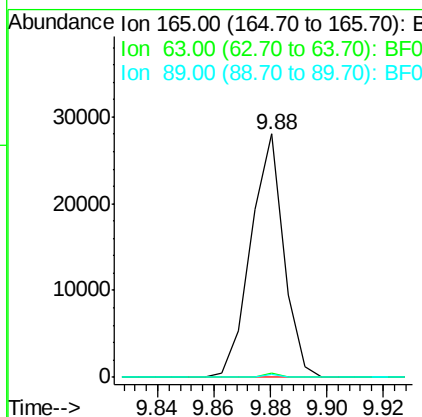
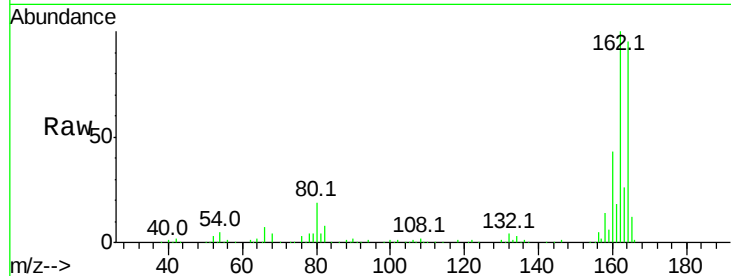




#50
 2,6-Dinitrotoluene
 Concen: 7.634 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.20 min
 Lab File: BF099579.D
 Acq: 17 Oct 2017 7:59

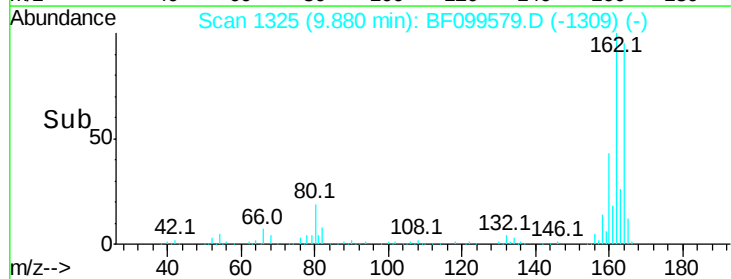
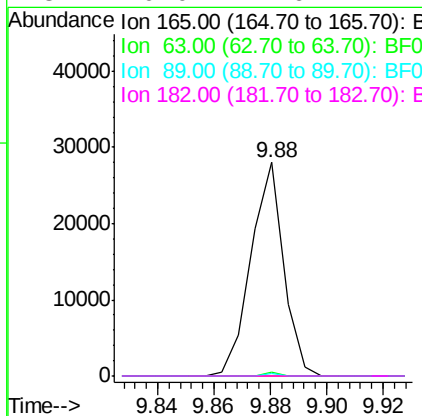
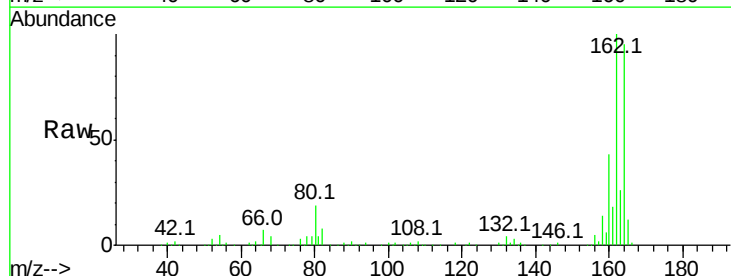
Instrument :
 BNA_F
 ClientSampleId :

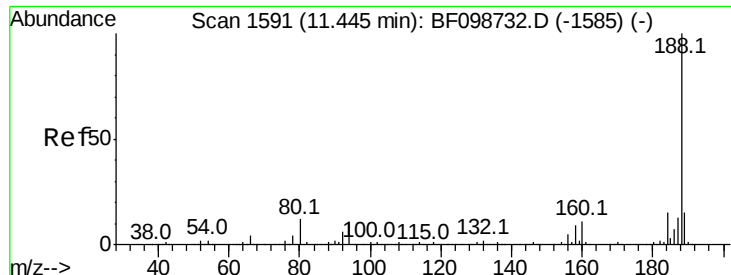
Tot Ion:165	Resp:	22544
Ion Ratio	Lower	Upper
165 100		
63 1.7	44.7	67.1#
89 1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.883 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.21 min
 Lab File: BF099579.D
 Acq: 17 Oct 2017 7:59

Tgt Ion:165	Resp:	22544
Ion Ratio	Lower	Upper
165 100		
63 1.7	36.4	54.6#
89 1.3	57.8	86.6#
182 0.0	1.6	2.4#

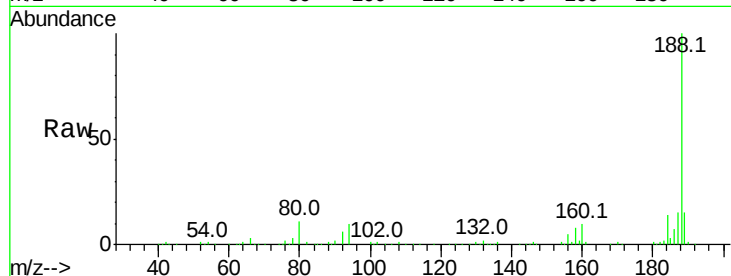




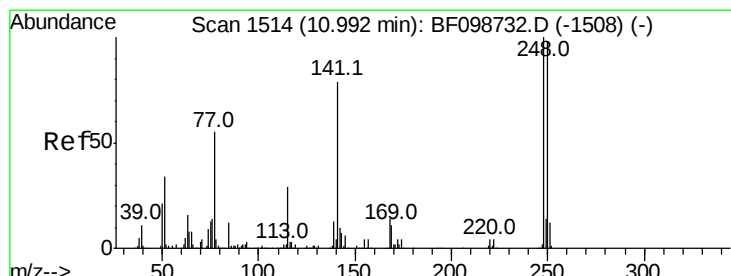
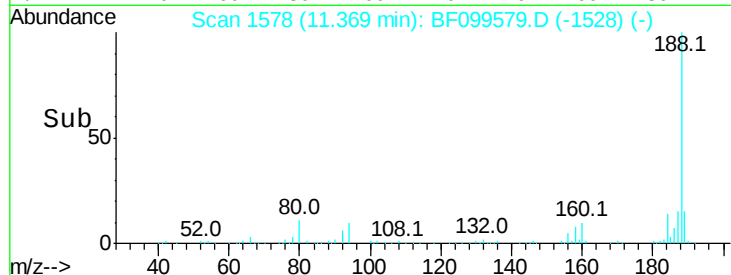
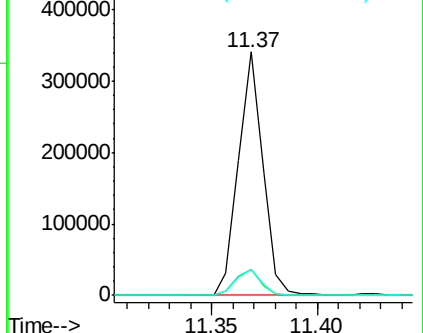
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099579.D
Acq: 17 Oct 2017 7:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 273050
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 10.8 9.2 13.8

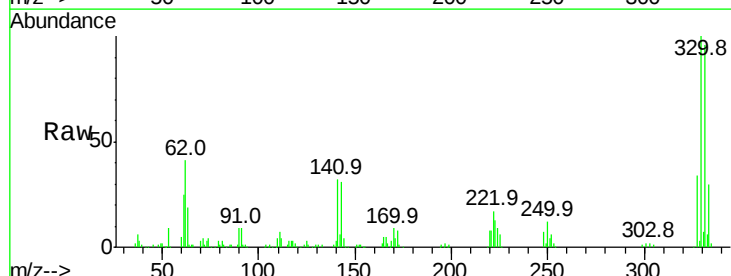


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

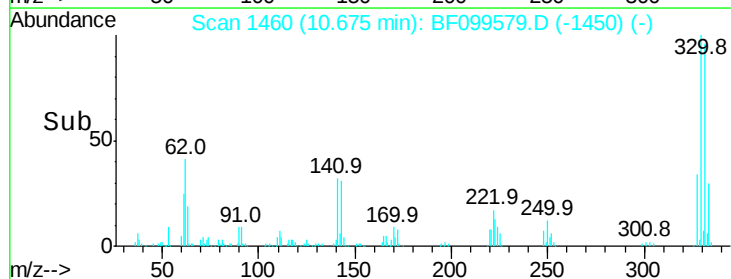
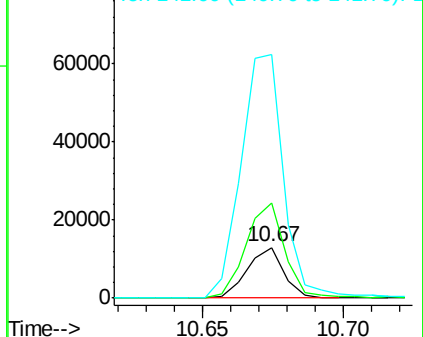


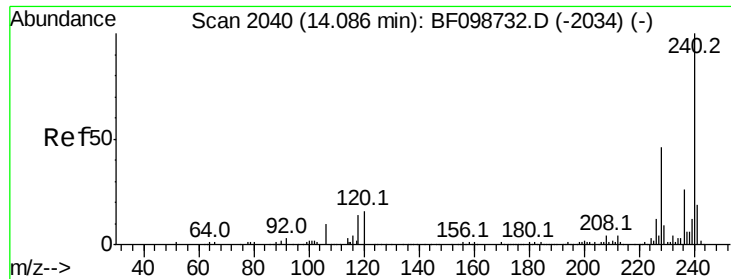
#66
4-Bromophenyl-phenylether
Concen: 4.330 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099579.D
Acq: 17 Oct 2017 7:59

Tgt Ion:248 Resp: 11572
Ion Ratio Lower Upper
248 100
250 187.9 76.9 115.3#
141 482.8 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: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF099579.D

Acq: 17 Oct 2017 7:59

Instrument :

BNA_F

ClientSampleId :

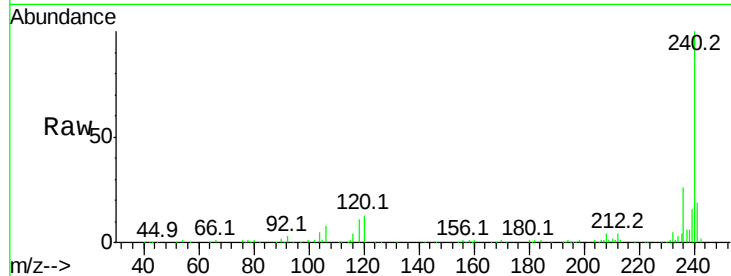
Tot Ion:240 Resp: 192150

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

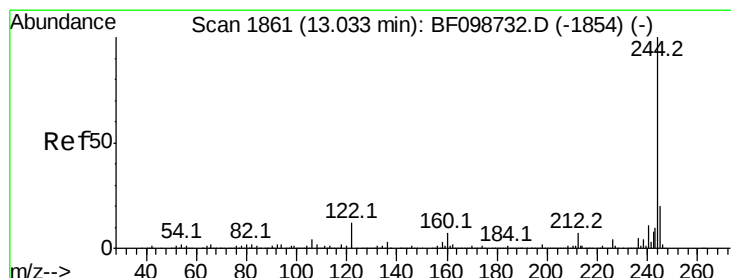
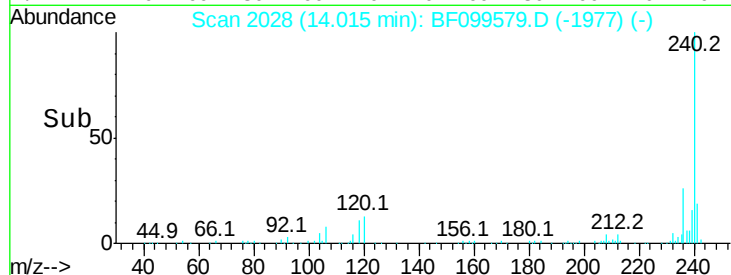
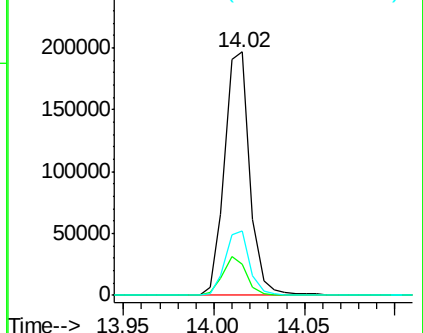
236 26.2 20.7 31.1



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: 86.293 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099579.D

Acq: 17 Oct 2017 7:59

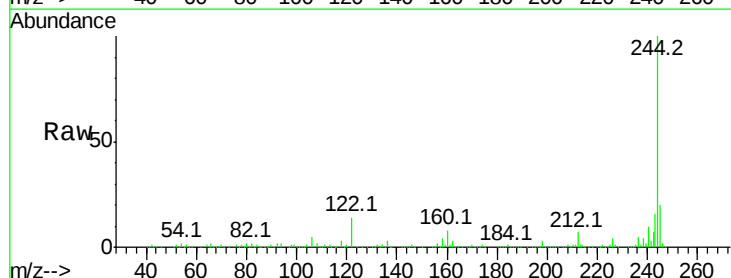
Tgt Ion:244 Resp: 729100

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

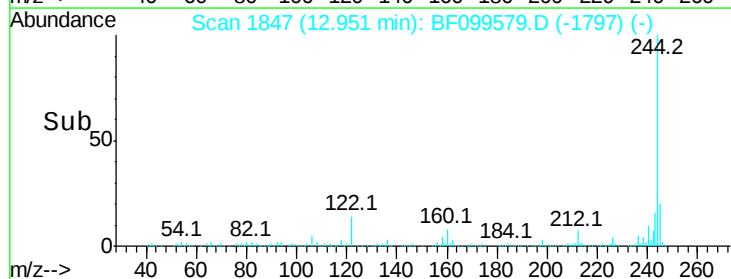
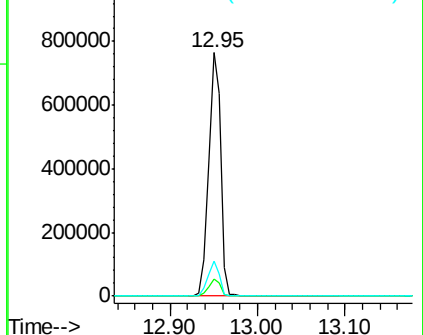
122 14.3 11.0 16.4

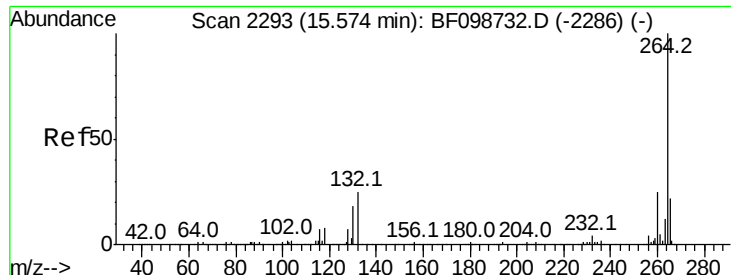


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

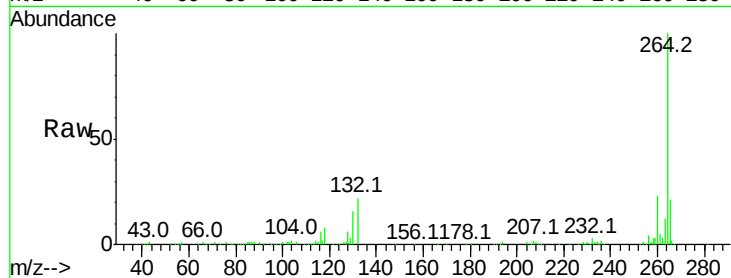




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099579.D
 Acq: 17 Oct 2017 7:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.1	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

