

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099494.D
 Acq On : 14 Oct 2017 23:23
 Operator : SJ/JU
 Sample : I5776-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 00:48:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

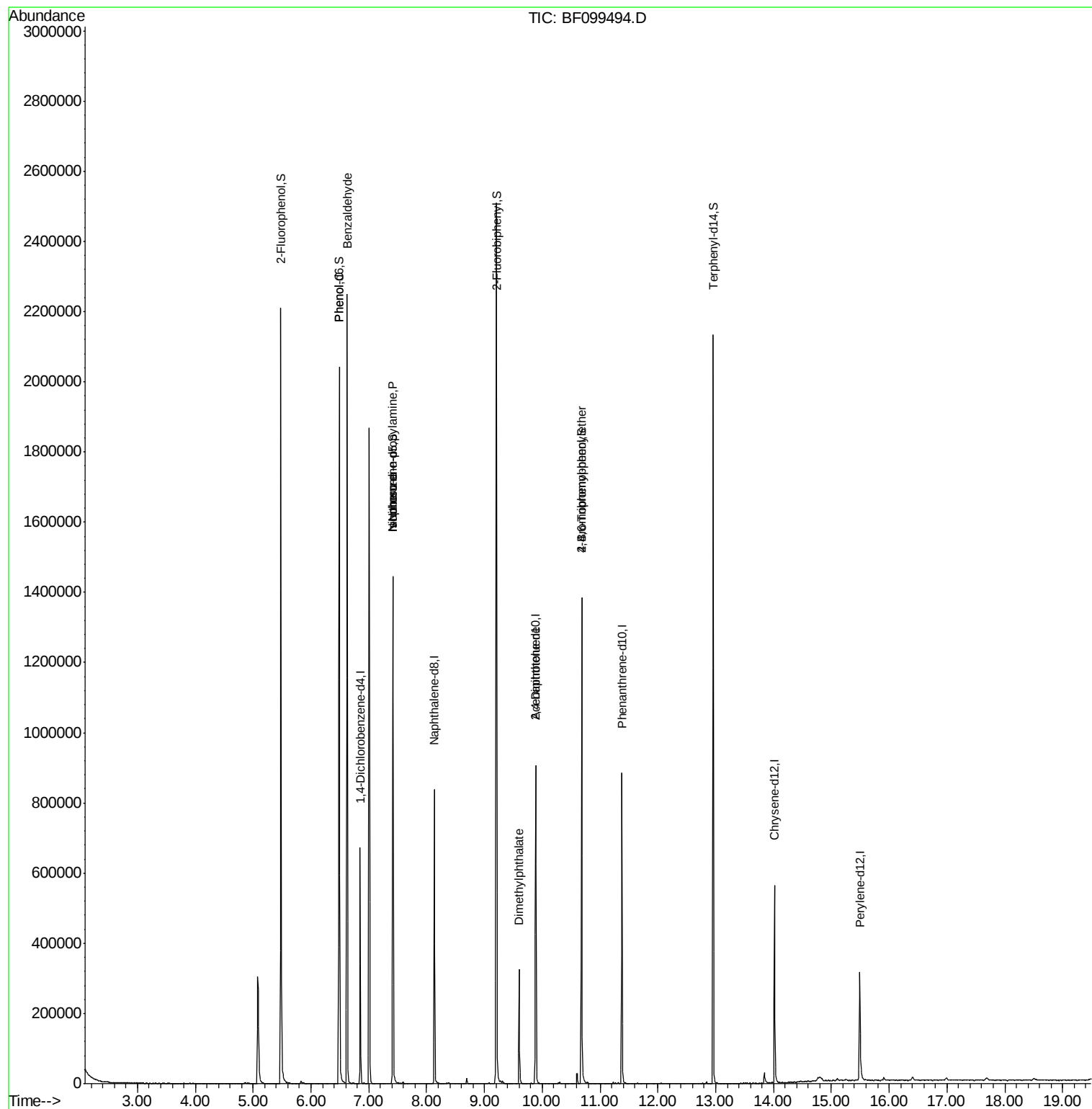
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	93611	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	383451	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	175705	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	308845	20.00	ng	0.00
75) Chrysene-d12	14.02	240	202235	20.00	ng	-0.01
86) Perylene-d12	15.49	264	152856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	680945	115.80	ng	0.00
7) Phenol-d6	6.49	99	821789	113.28	ng	0.00
23) Nitrobenzene-d5	7.42	82	504550	84.38	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	163818	113.94	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	890952	84.65	ng	0.00
78) Terphenyl-d14	12.96	244	739296	83.14	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	13572	3.225	ng	82
10) Phenol	6.50	94	45183	5.569	ng	88
19) n-Nitroso-di-n-propylamine	7.42	70	64399	13.905	ng	# 74
25) Isophorone	7.42	82	504545	40.814	ng	# 64
49) Dimethylphthalate	9.60	163	153935	11.608	ng	99
56) 2,4-Dinitrotoluene	9.89	165	22186	5.921	ng	# 22
66) 4-Bromophenyl-phenylether	10.68	248	10699	3.539	ng	# 1

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

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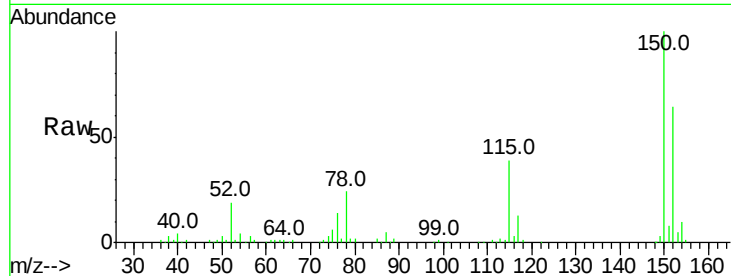


#1

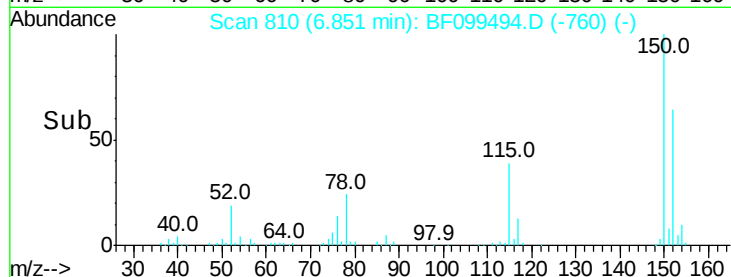
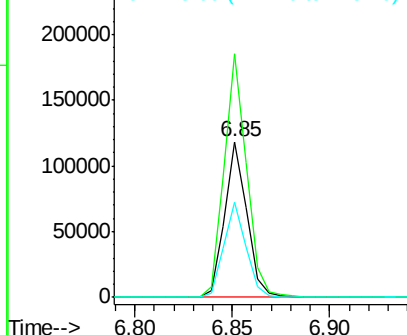
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF099494.D
Acq: 14 Oct 2017 23:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 93611
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 61.0 50.1 75.1



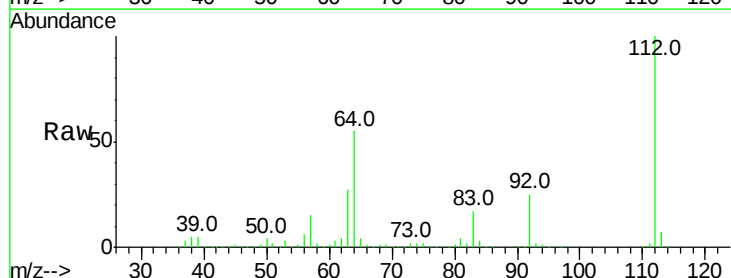
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



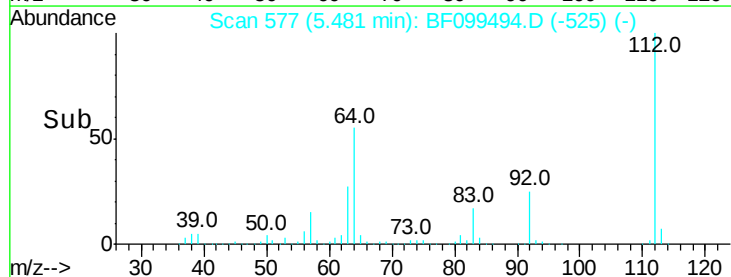
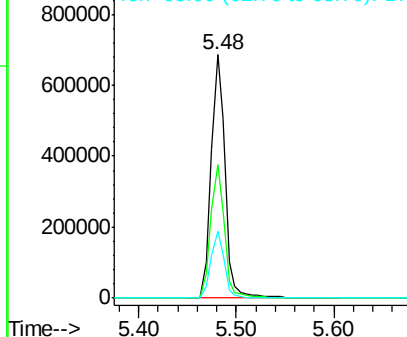
#5

2-Fluorophenol
Concen: 115.798 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099494.D
Acq: 14 Oct 2017 23:23

Tgt Ion:112 Resp: 680945
Ion Ratio Lower Upper
112 100
64 55.0 47.9 71.9
63 27.4 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: 113.284 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

Instrument :

BNA_F

ClientSampled :

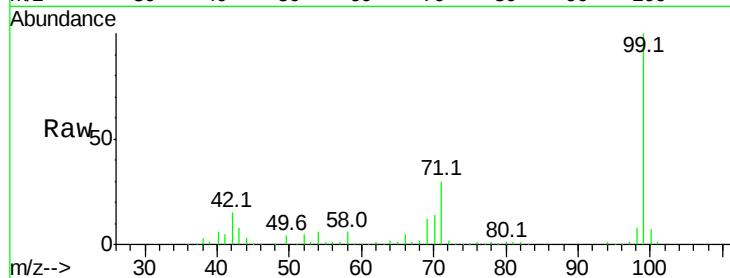
Tot Ion: 99 Resp: 821789

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

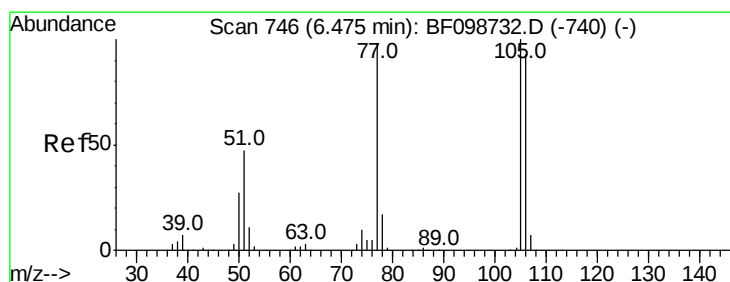
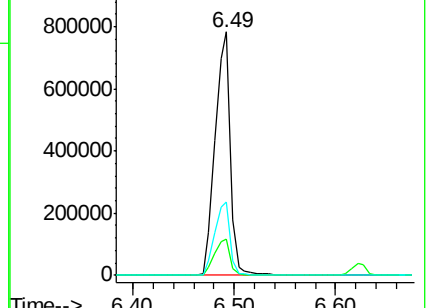
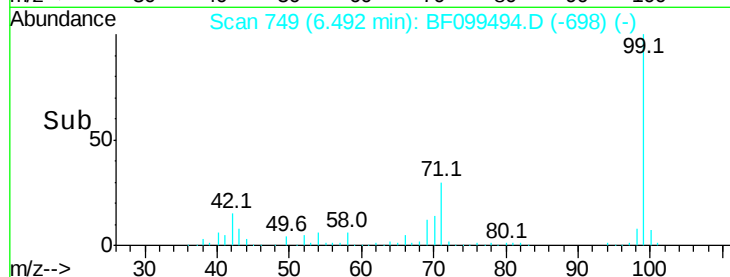
71 30.0 25.4 38.0



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: 3.225 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

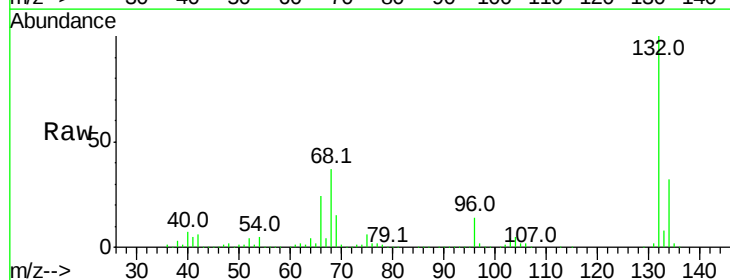
Tgt Ion: 77 Resp: 13572

Ion Ratio Lower Upper

77 100

105 81.7 81.1 121.1

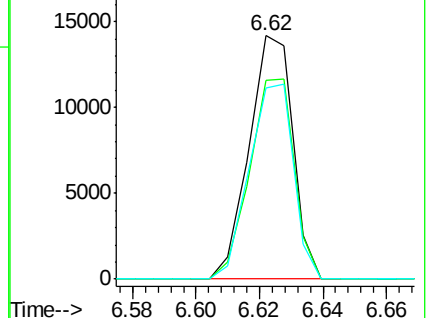
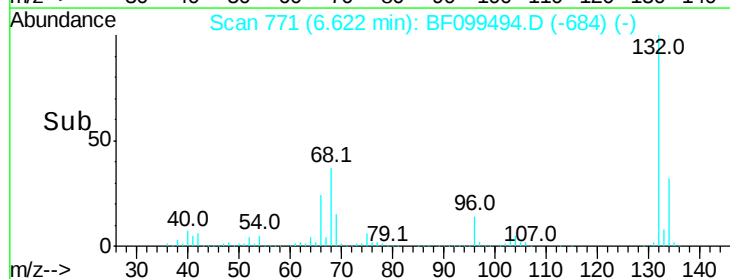
106 78.4 74.5 114.5

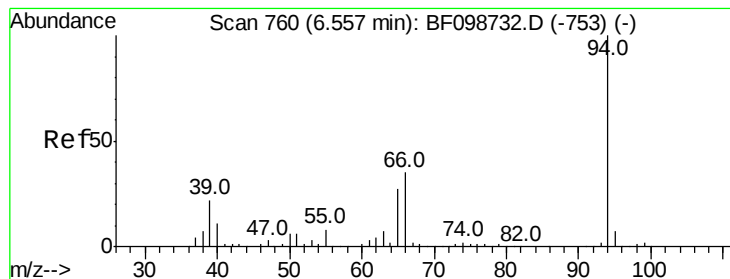


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 5.569 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

Instrument :

BNA_F

ClientSampleId :

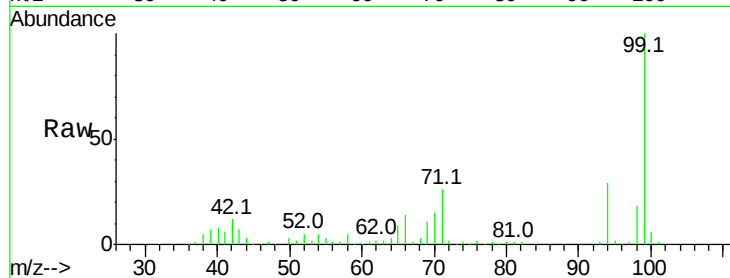
Tot Ion: 94 Resp: 45183

Ion Ratio Lower Upper

94 100

65 31.2 7.9 47.9

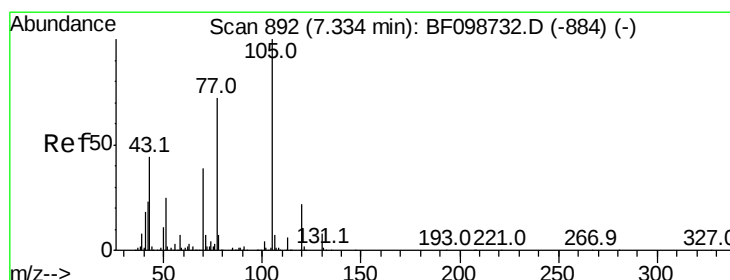
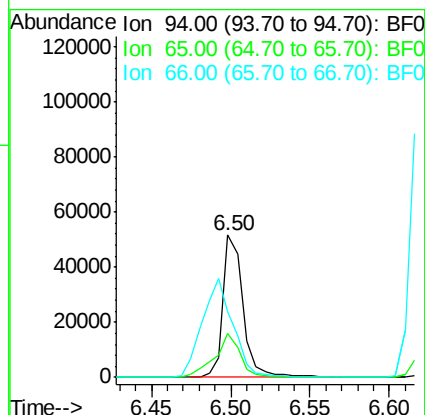
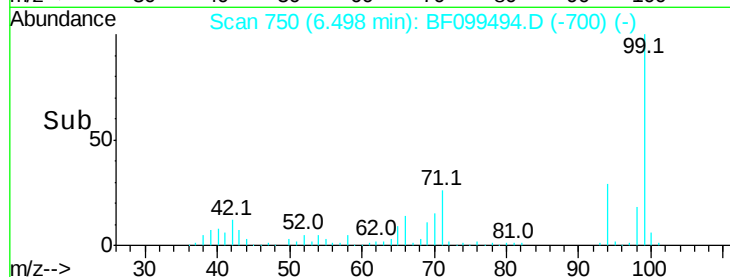
66 46.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 13.905 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

Tgt Ion: 70 Resp: 64399

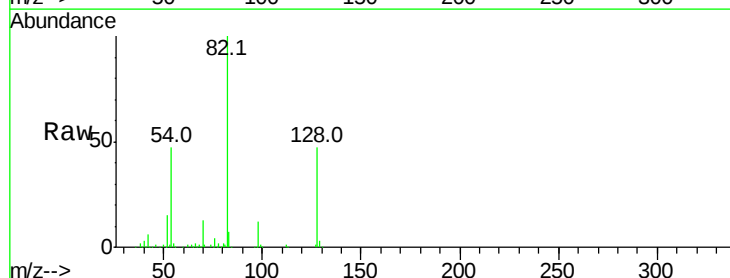
Ion Ratio Lower Upper

70 100

42 43.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

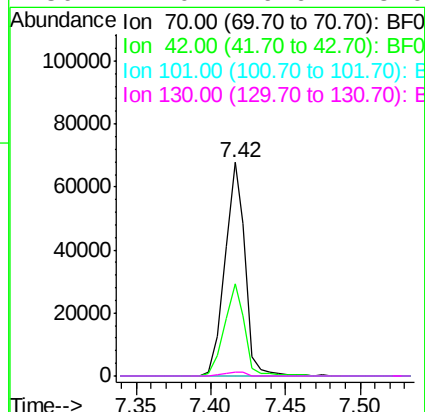
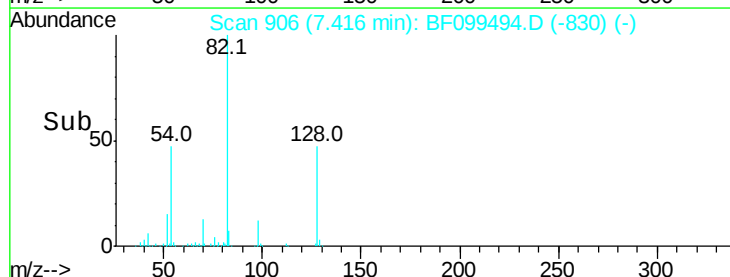


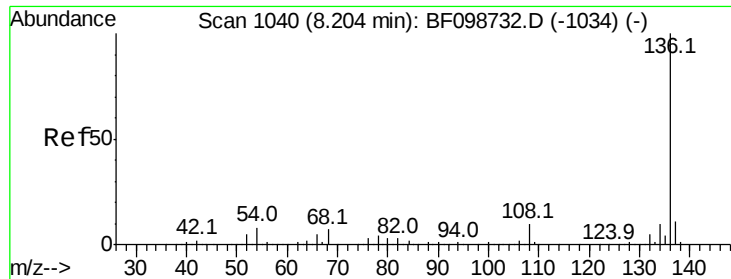
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

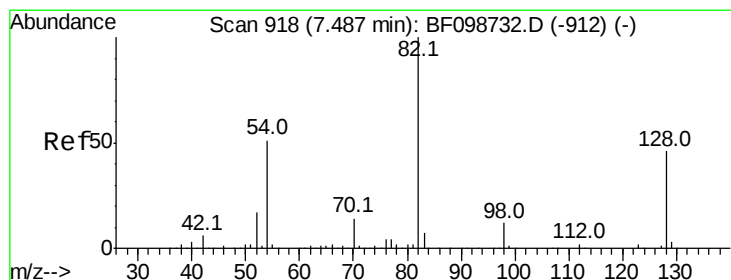
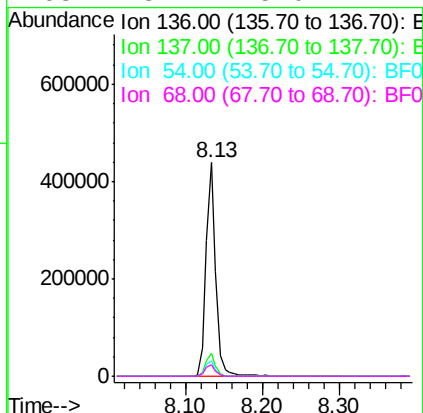
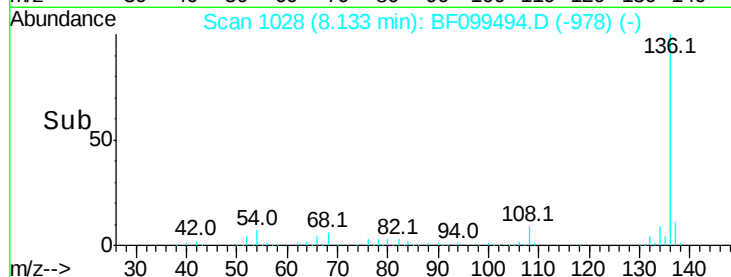
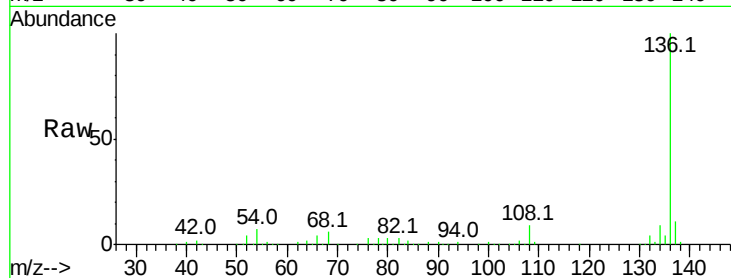




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF099494.D
Acq: 14 Oct 2017 23:23

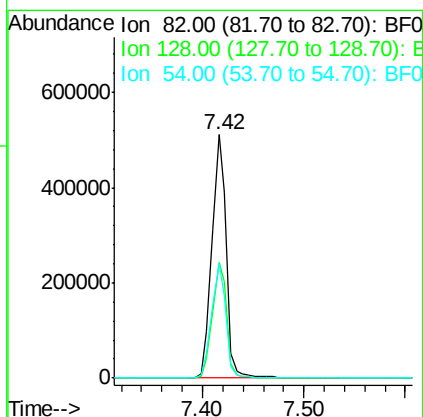
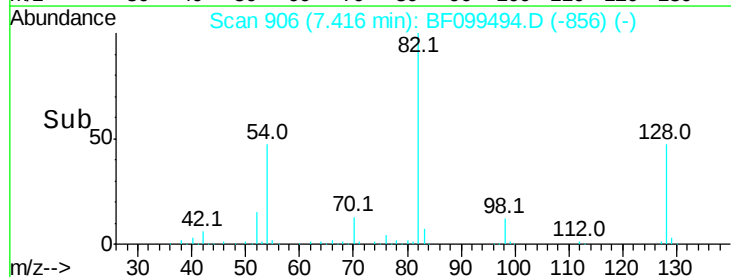
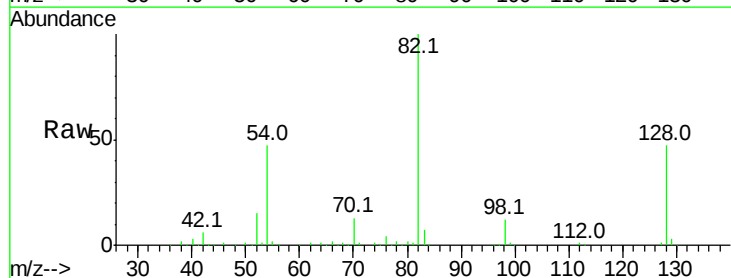
Instrument :
BNA_F
ClientSampleId :

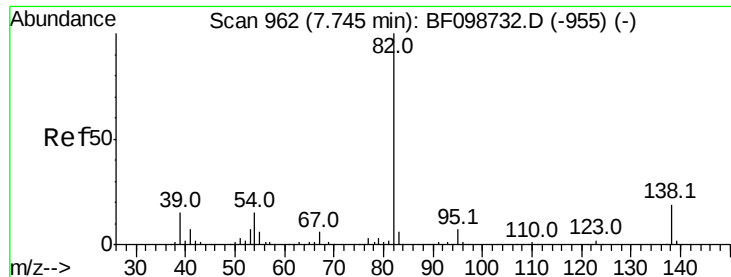
Tot Ion:	136	Resp:	383451
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 84.383 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099494.D
Acq: 14 Oct 2017 23:23

Tgt Ion:	82	Resp:	504550
Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	47.1	41.4	62.2





#25

Isophorone

Concen: 40.814 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

Instrument :

BNA_F

ClientSampleId :

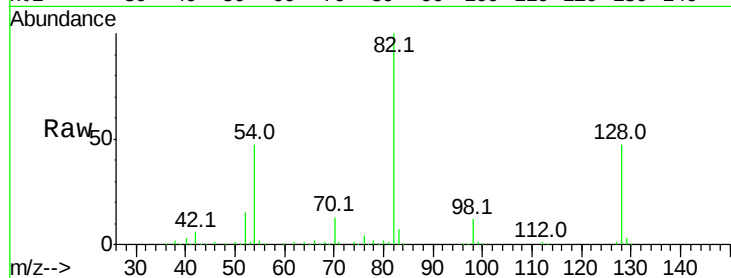
Tot Ion: 82 Resp: 504545

Ion Ratio Lower Upper

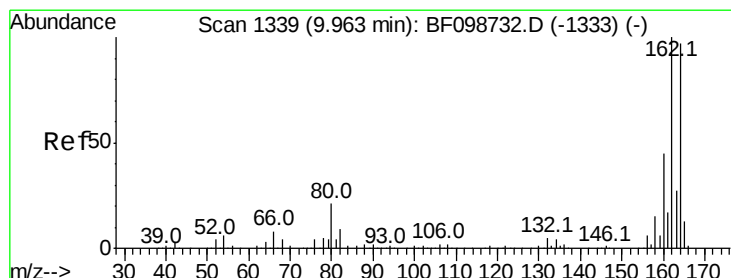
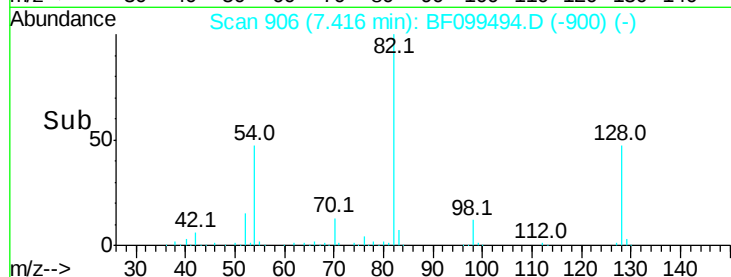
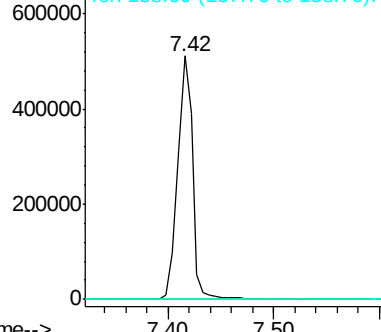
82 100

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: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

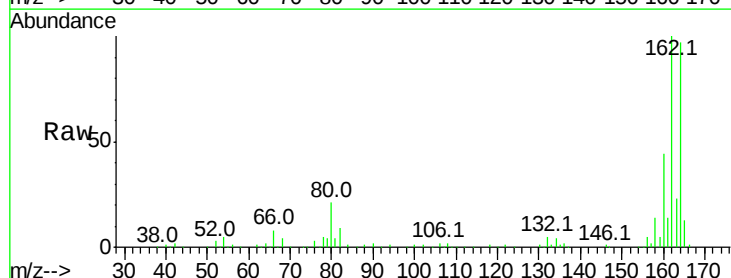
Tgt Ion:164 Resp: 175705

Ion Ratio Lower Upper

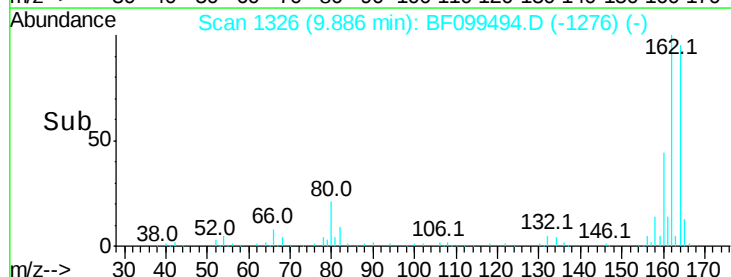
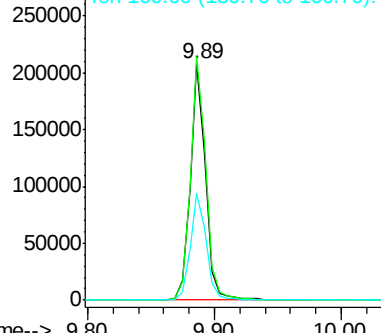
164 100

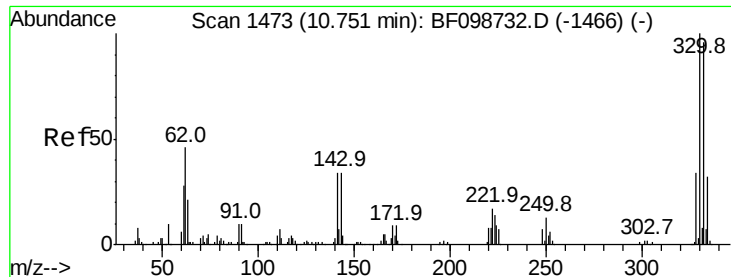
162 103.2 86.1 129.1

160 45.2 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: 113.941 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

Instrument :

BNA_F

ClientSampleId :

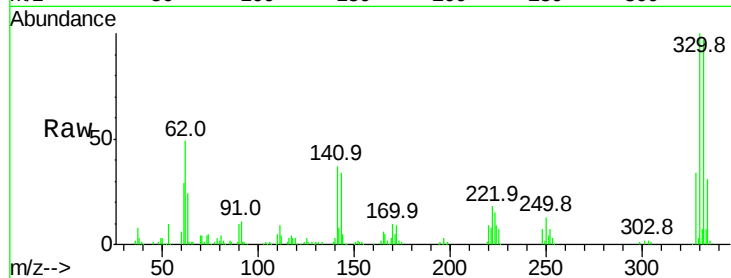
Tot Ion:330 Resp: 163818

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

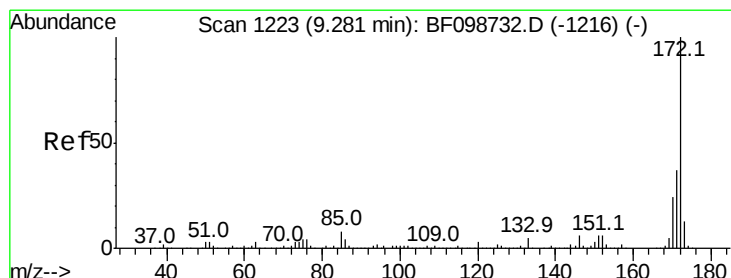
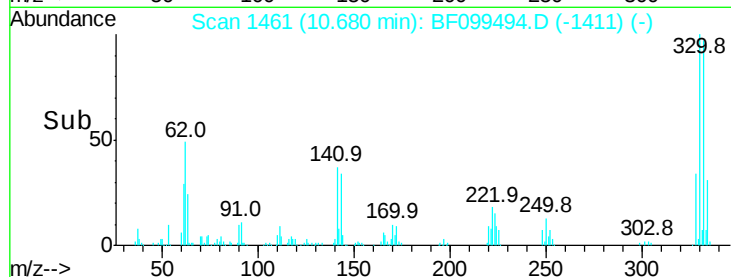
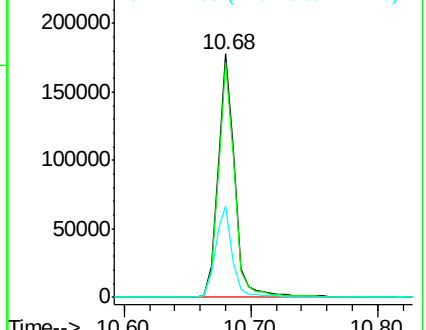
141 39.0 29.9 44.9



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: 84.652 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

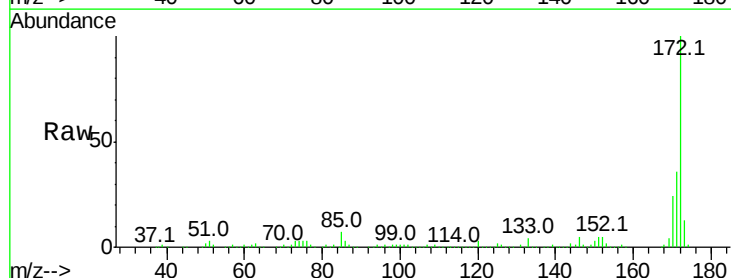
Tgt Ion:172 Resp: 890952

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

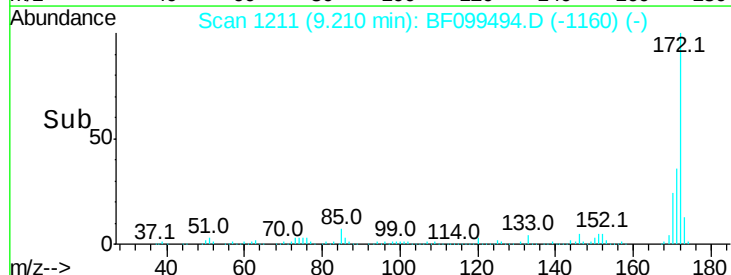
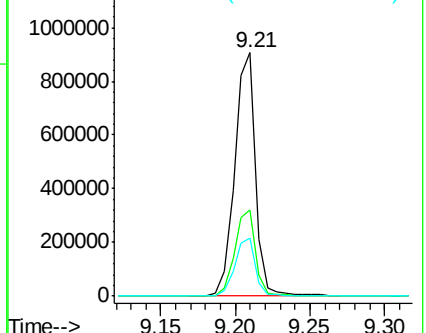
170 23.8 19.6 29.4

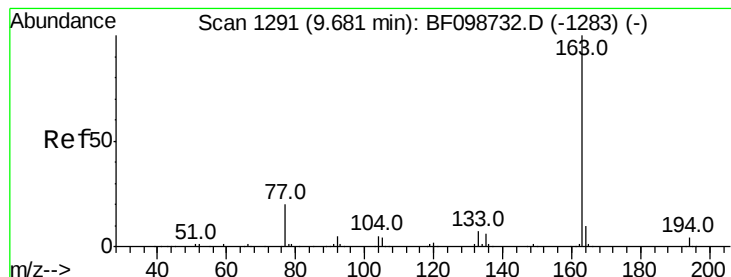


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 11.608 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

Instrument :

BNA_F

ClientSampleId :

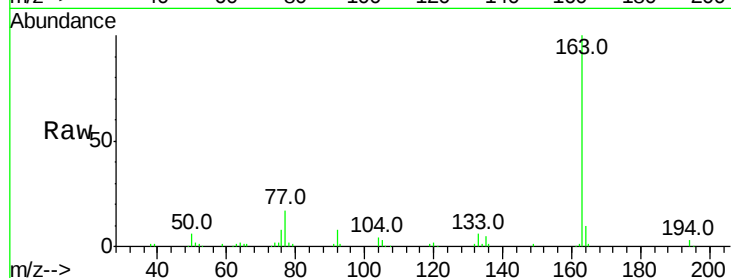
Tot Ion:163 Resp: 153935

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

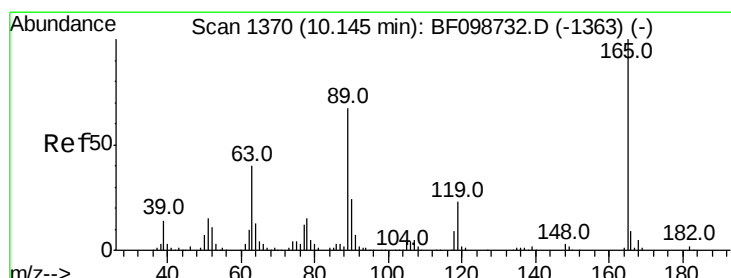
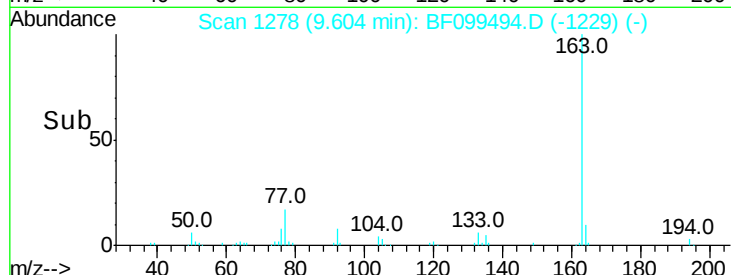
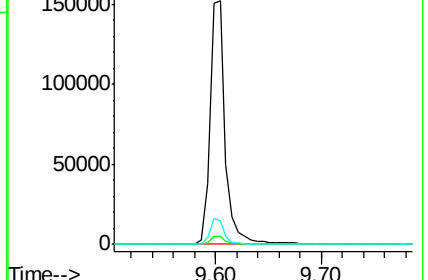
164 9.8 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 5.921 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.21 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

Tgt Ion:165 Resp: 22186

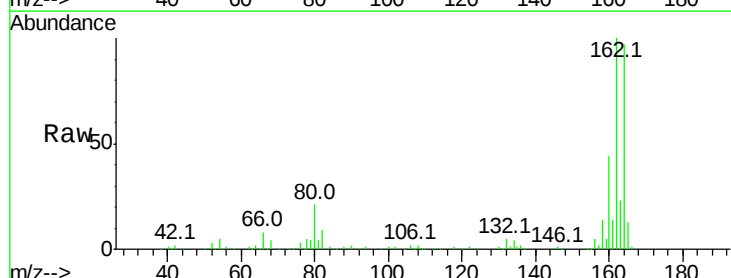
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

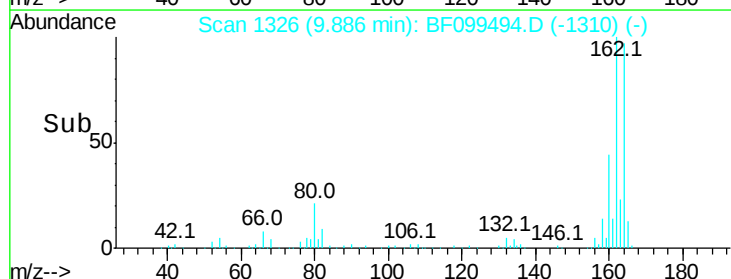
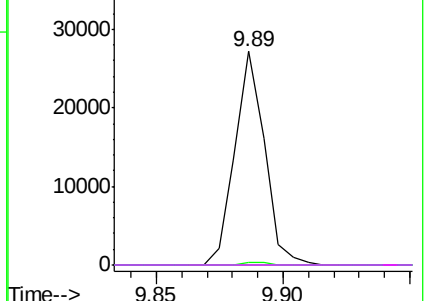


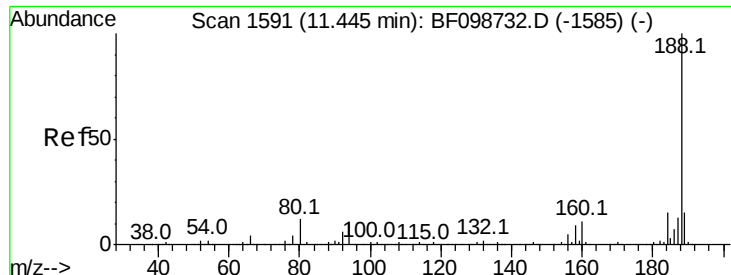
Abundance Ion 165.00 (164.70 to 165.70): E

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

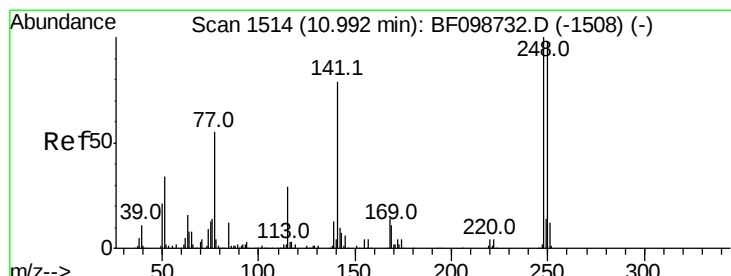
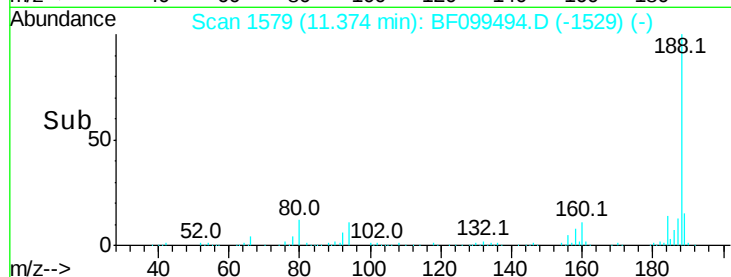
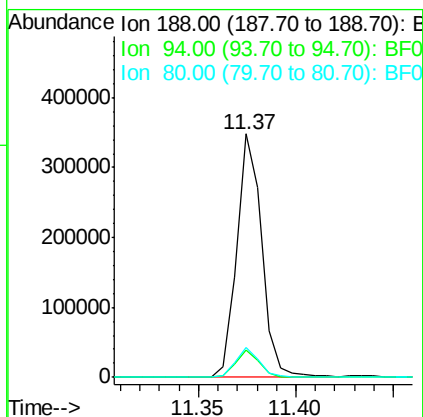
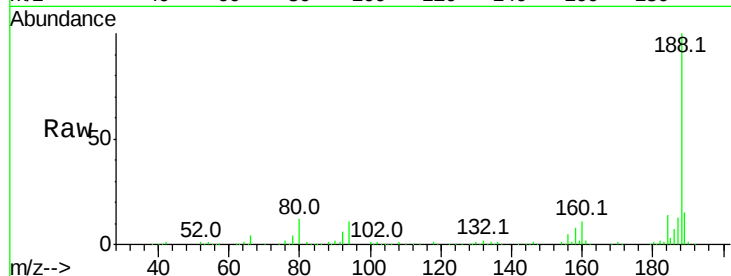




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF099494.D
 Acq: 14 Oct 2017 23:23

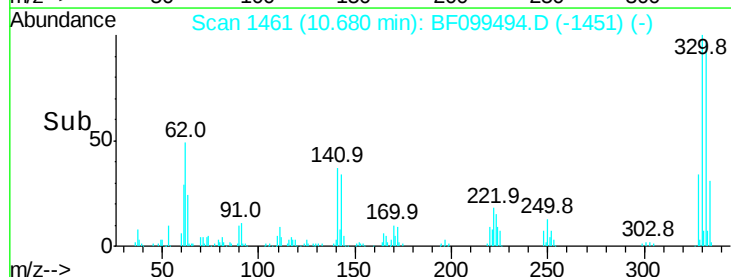
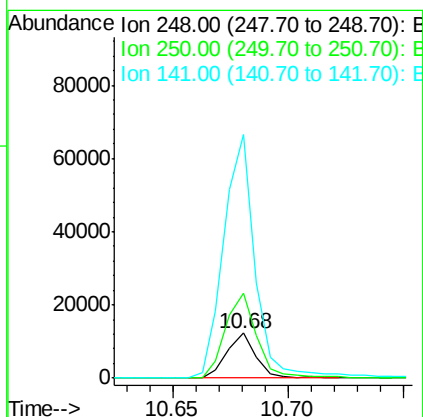
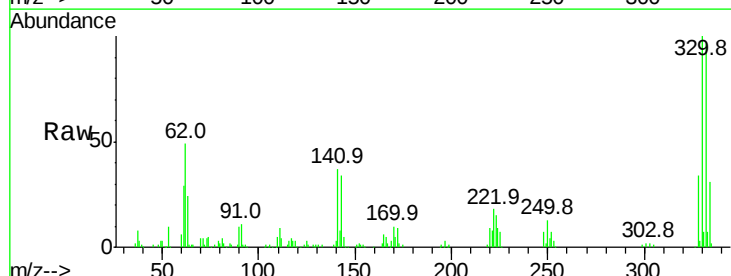
Instrument :
 BNA_F
 ClientSampleId :

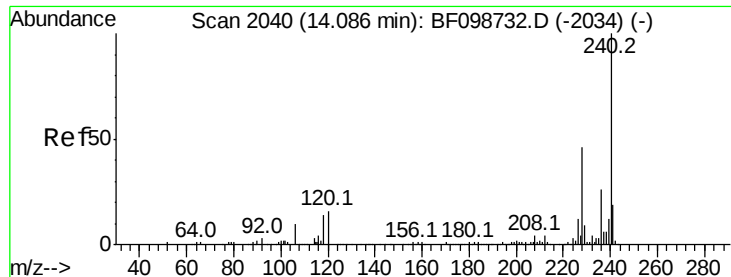
Tot Ion:188 Resp: 308845
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 12.2 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.539 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099494.D
 Acq: 14 Oct 2017 23:23

Tgt Ion:248 Resp: 10699
 Ion Ratio Lower Upper
 248 100
 250 189.9 76.9 115.3#
 141 544.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

Instrument :

BNA_F

ClientSampled :

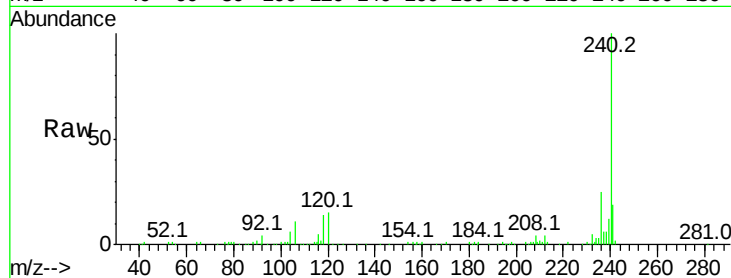
Tot Ion:240 Resp: 202235

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

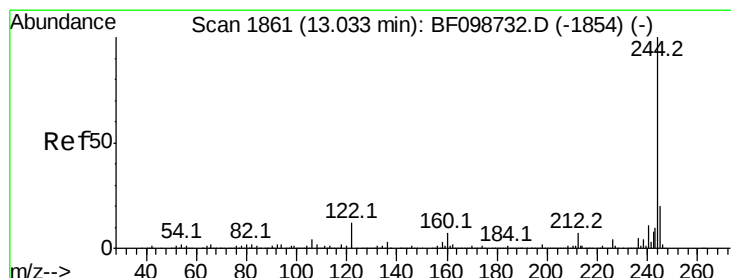
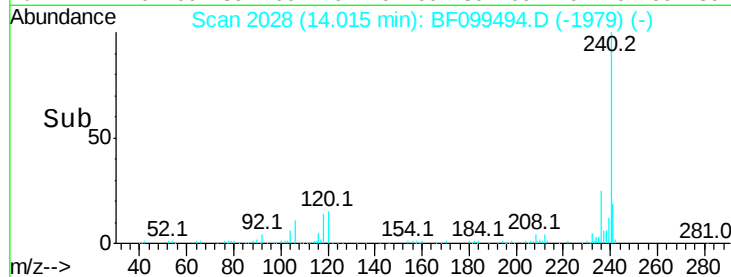
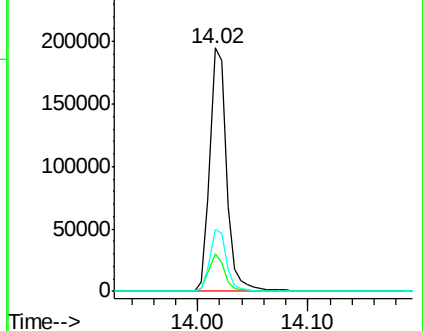
236 25.4 20.7 31.1



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: 83.136 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

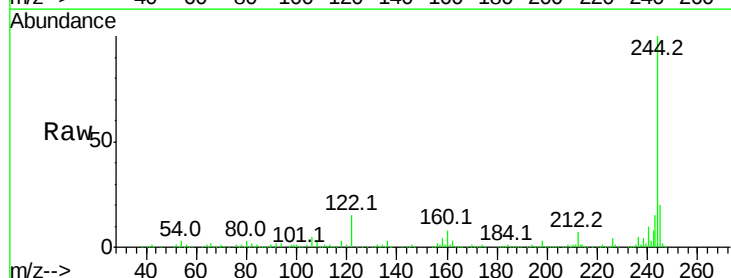
Tgt Ion:244 Resp: 739296

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

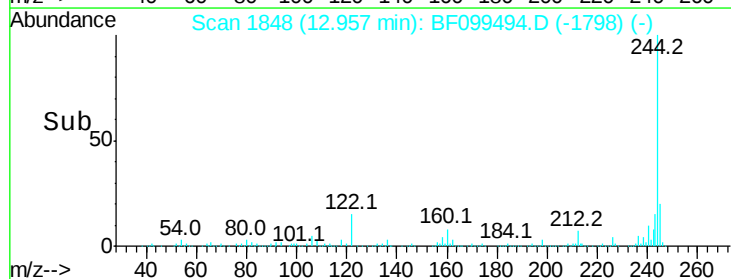
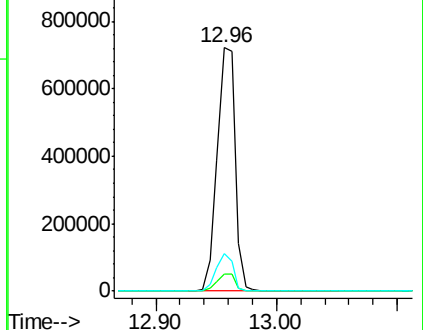
122 15.3 11.0 16.4

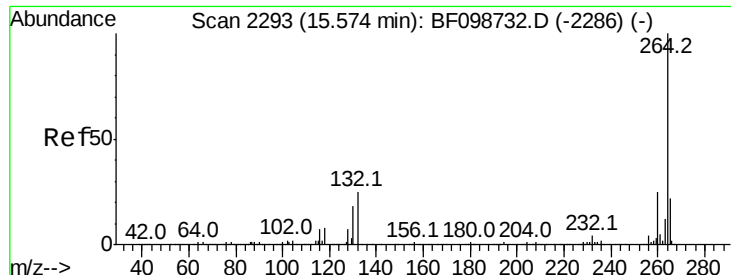


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

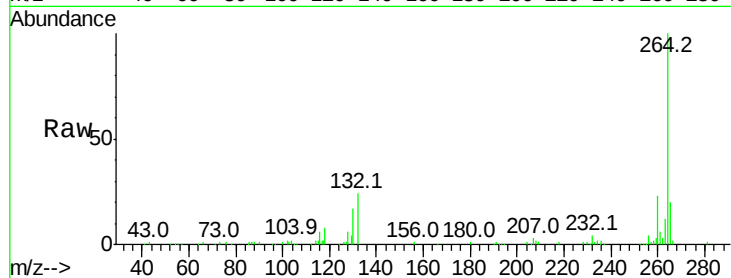




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF099494.D
Acq: 14 Oct 2017 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.2	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

