

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099554.D
 Acq On : 16 Oct 2017 19:59
 Operator : SJ/JU
 Sample : I5782-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 23:29:18 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

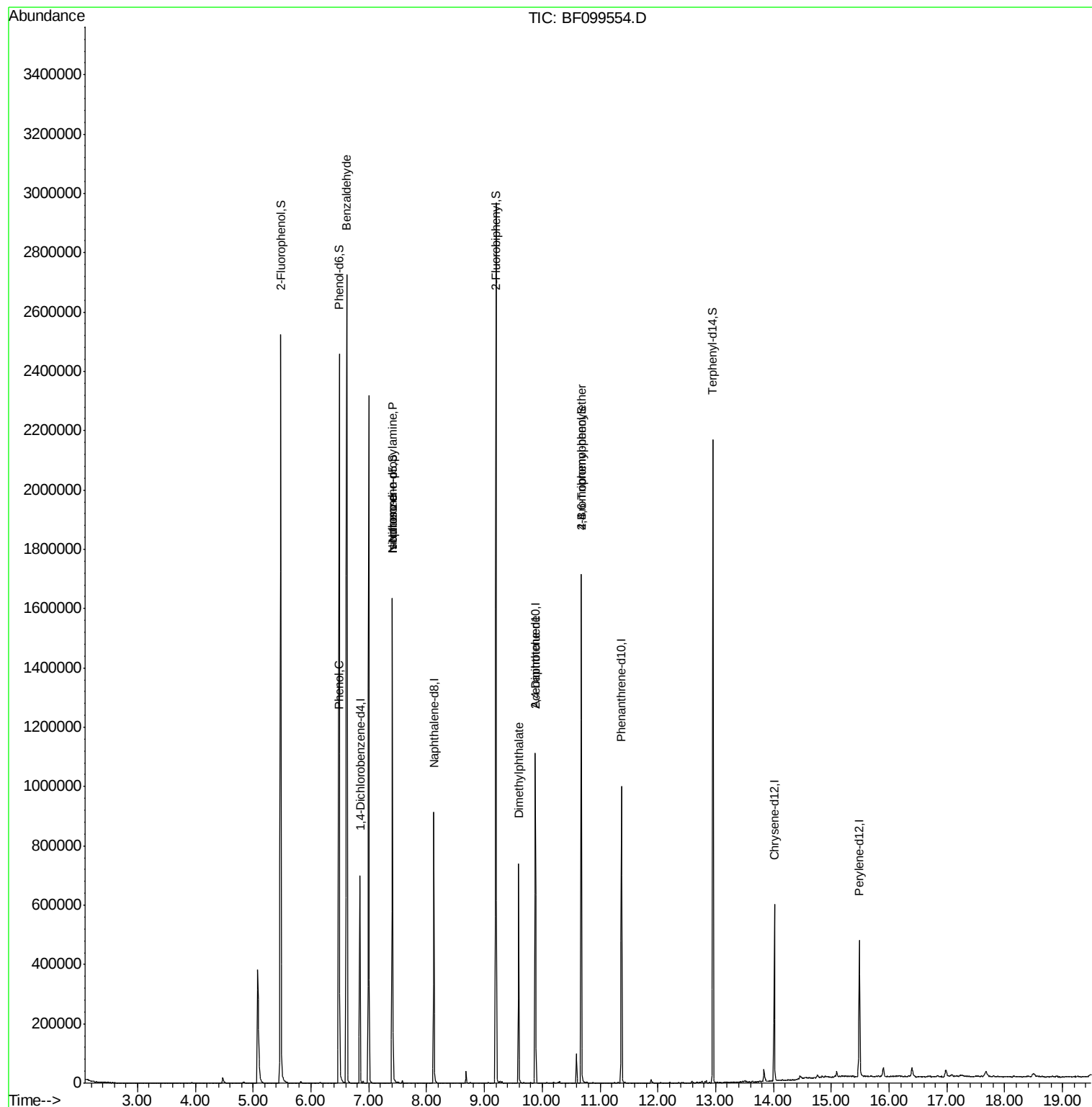
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	112098	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	466565	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	208069	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	338347	20.00	ng	0.00
75) Chrysene-d12	14.02	240	201213	20.00	ng	0.00
86) Perylene-d12	15.49	264	202232	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	901311	127.99	ng	0.00
7) Phenol-d6	6.49	99	1066045	122.72	ng	0.00
23) Nitrobenzene-d5	7.41	82	652860	89.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	210640	123.72	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1107175	88.83	ng	0.00
78) Terphenyl-d14	12.96	244	759147	85.80	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	17112	3.40	ng	87
10) Phenol	6.50	94	84750	8.72	ng	89
19) n-Nitroso-di-n-propylamine	7.41	70	82848	14.94	ng	# 75
25) Isophorone	7.41	82	652853	43.40	ng	# 64
49) Dimethylphthalate	9.59	163	298626	19.02	ng	99
56) 2,4-Dinitrotoluene	9.88	165	26657	6.01	ng	# 22
66) 4-Bromophenyl-phenylether	10.67	248	13431	4.06	ng	# 1

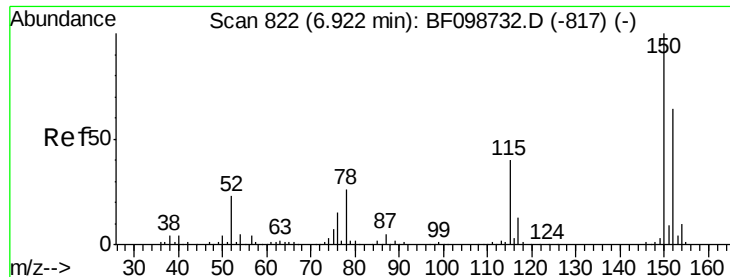
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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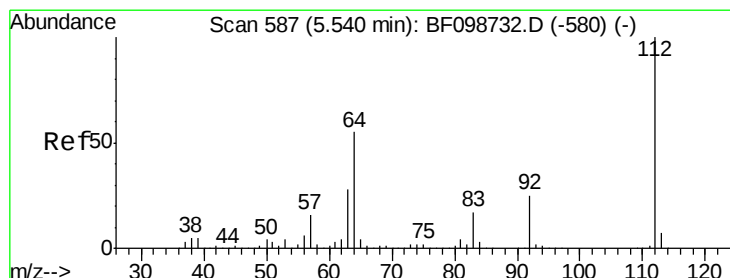
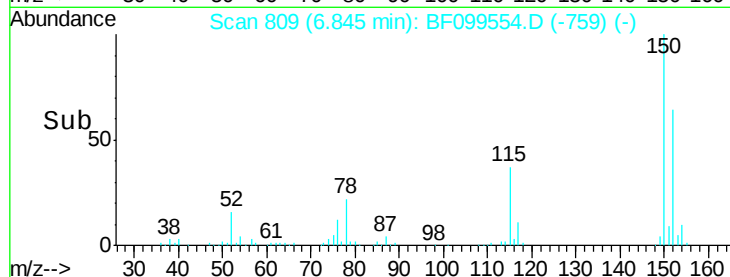
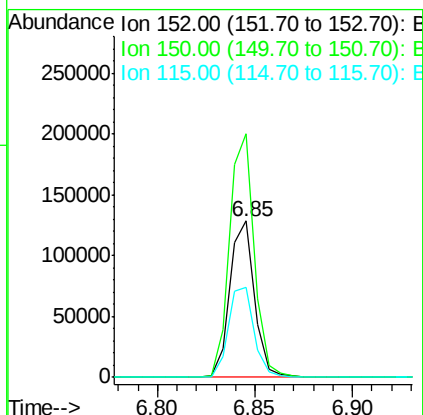
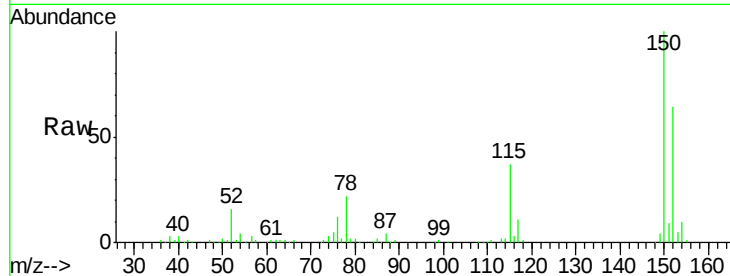


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF099554.D
 Acq: 16 Oct 2017 19:59

Instrument :
 BNA_F
 ClientSampled :

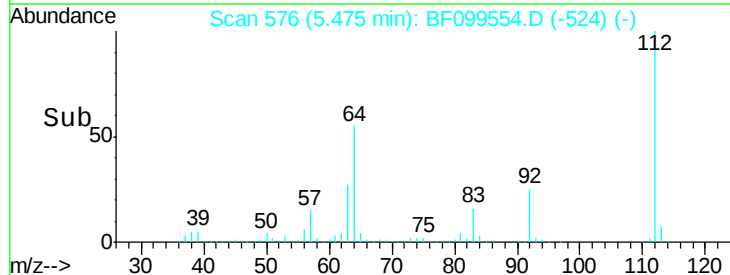
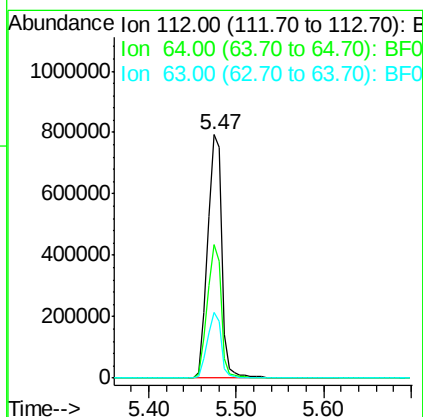
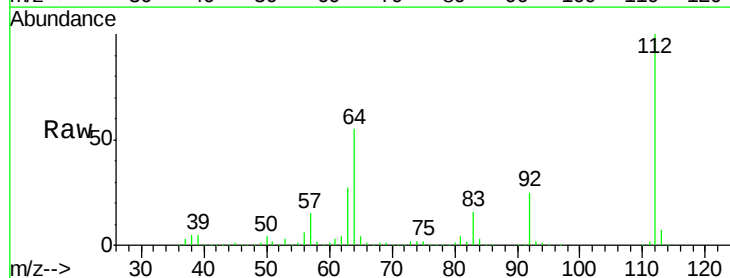
Tot Ion:152 Resp: 112098
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 57.4 50.1 75.1

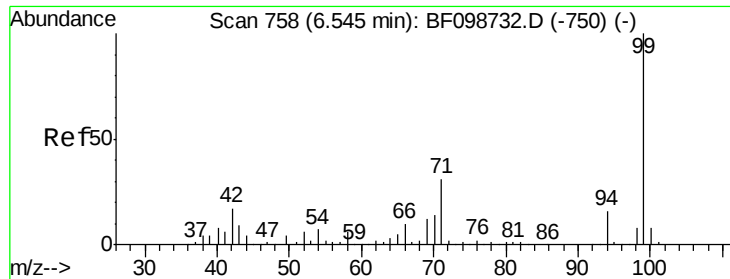


#5

2-Fluorophenol
 Concen: 127.99 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF099554.D
 Acq: 16 Oct 2017 19:59

Tgt Ion:112 Resp: 901311
 Ion Ratio Lower Upper
 112 100
 64 54.7 47.9 71.9
 63 26.8 23.7 35.5





#7

Phenol-d6

Concen: 122.72 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099554.D

Acq: 16 Oct 2017 19:59

Instrument :

BNA_F

ClientSampleId :

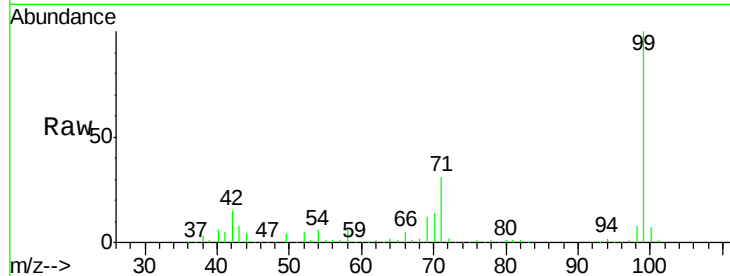
Tot Ion: 99 Resp: 1066045

Ion Ratio Lower Upper

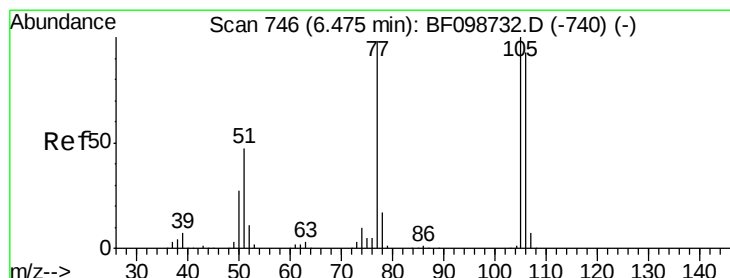
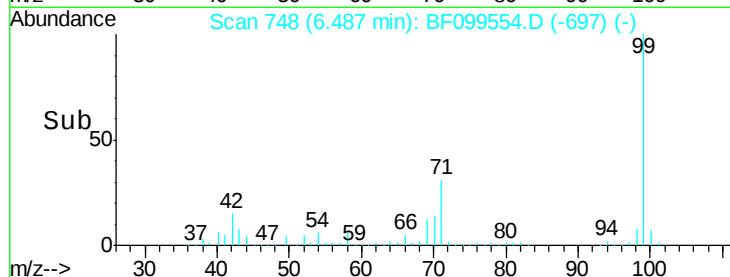
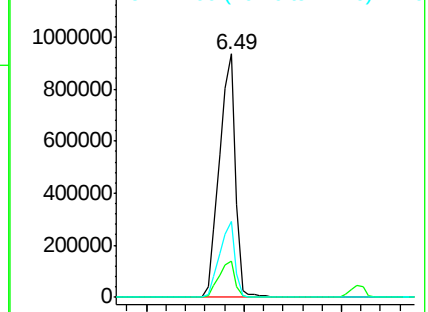
99 100

42 15.0 14.5 21.7

71 31.2 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: 3.40 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF099554.D

Acq: 16 Oct 2017 19:59

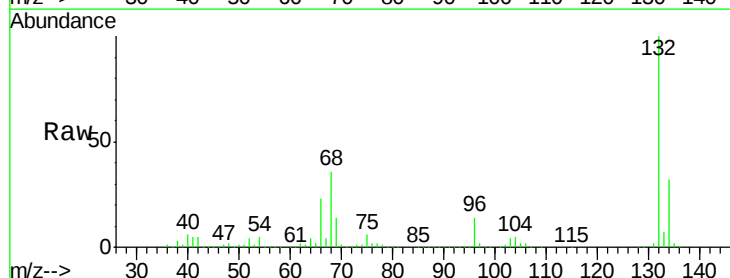
Tgt Ion: 77 Resp: 17112

Ion Ratio Lower Upper

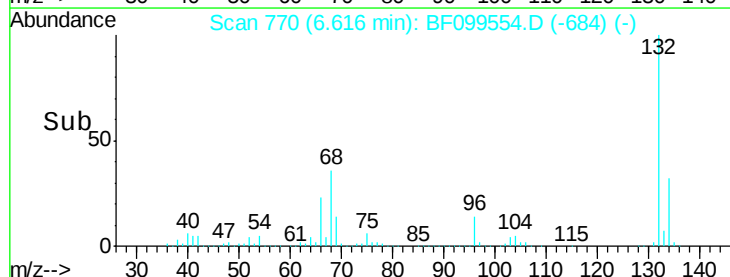
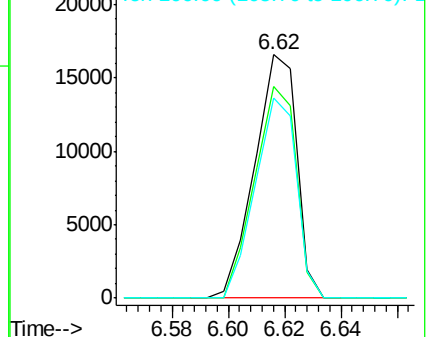
77 100

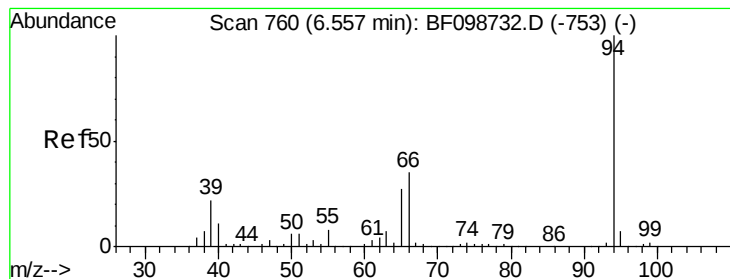
105 87.0 81.1 121.1

106 82.3 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: 8.72 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099554.D

Acq: 16 Oct 2017 19:59

Instrument :

BNA_F

ClientSampleId :

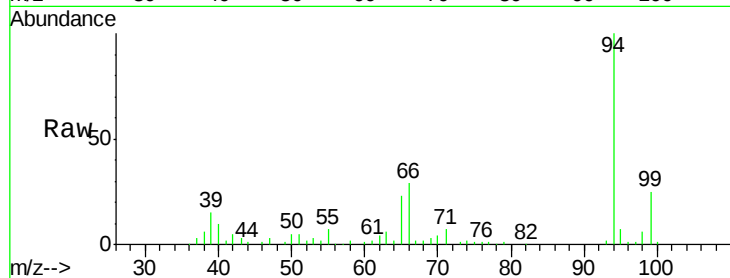
Tot Ion: 94 Resp: 84750

Ion Ratio Lower Upper

94 100

65 23.3 7.9 47.9

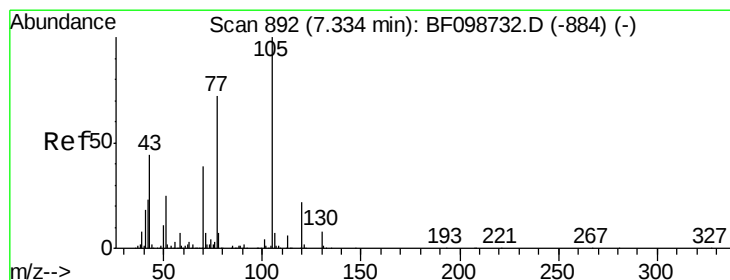
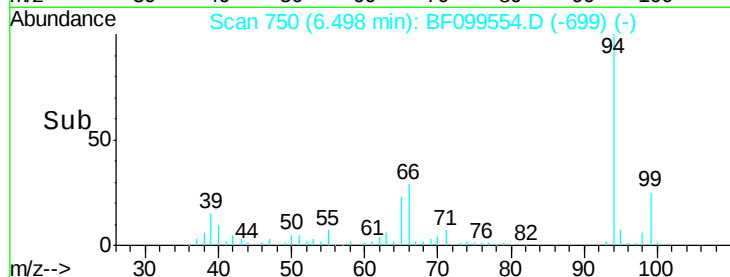
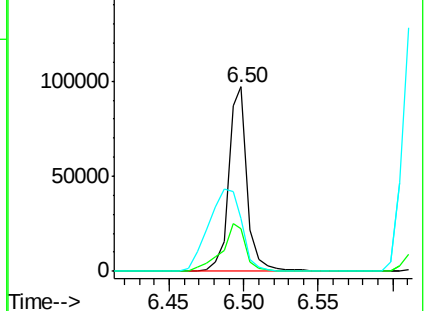
66 29.0 16.2 56.2



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: 14.94 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF099554.D

Acq: 16 Oct 2017 19:59

Tgt Ion: 70 Resp: 82848

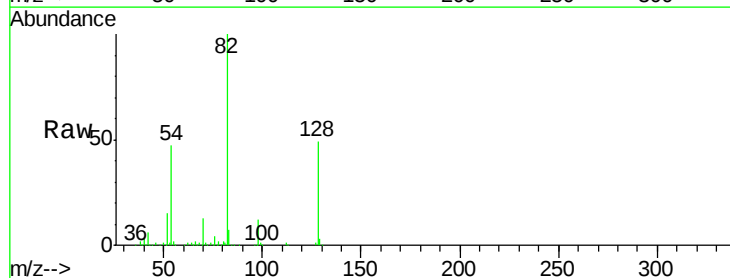
Ion Ratio Lower Upper

70 100

42 44.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

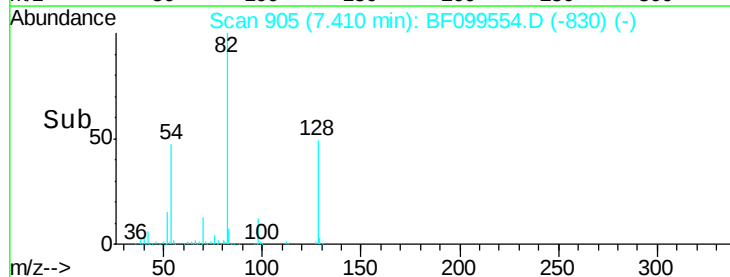
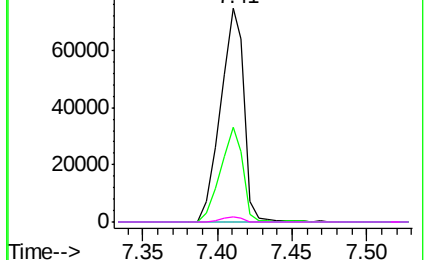


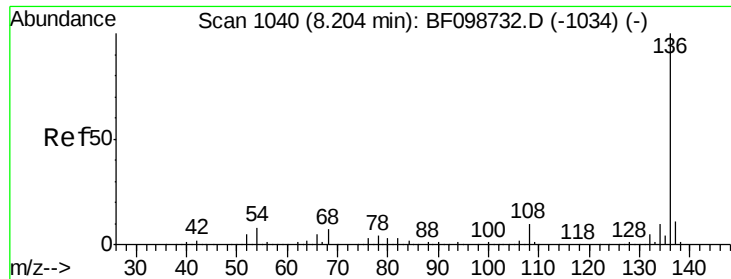
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

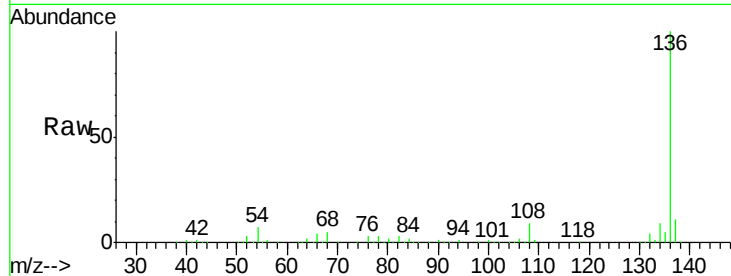




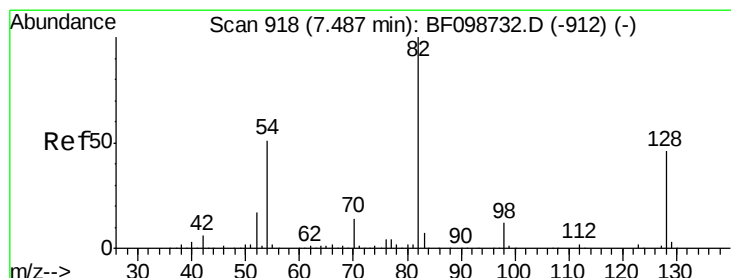
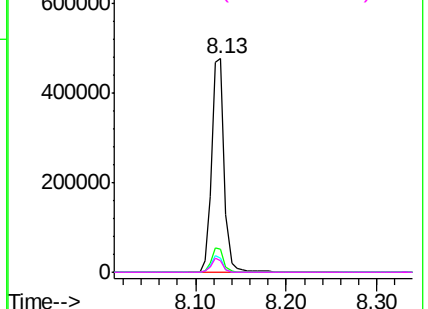
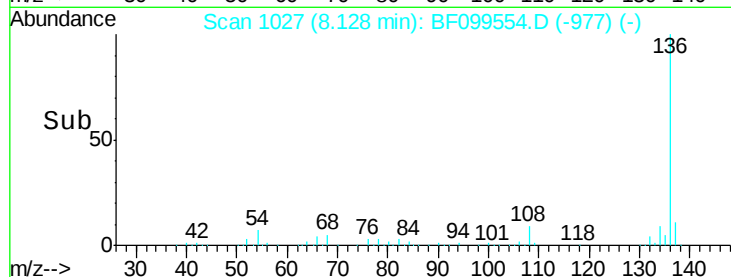
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099554.D
Acq: 16 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	466565
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.5	6.6 9.8#
68	5.4	5.0 7.4

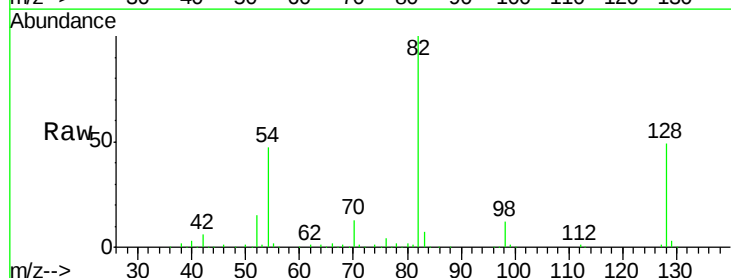


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

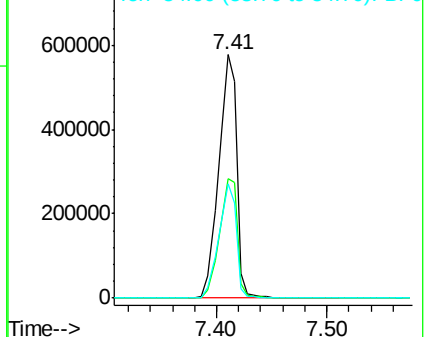
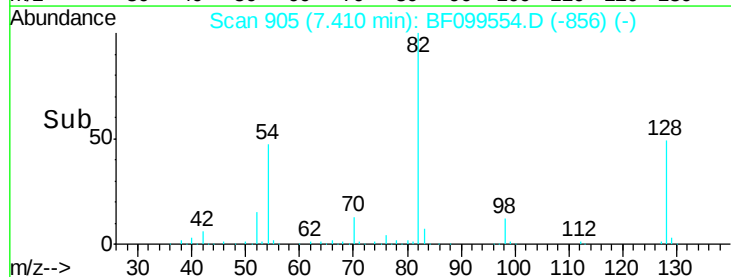


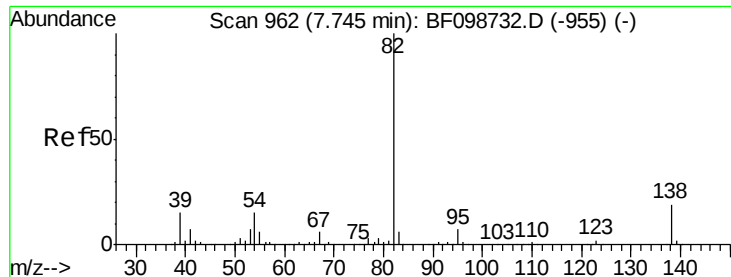
#23
Nitrobenzene-d5
Concen: 89.74 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099554.D
Acq: 16 Oct 2017 19:59

Tgt Ion: 82	Resp:	652860
Ion Ratio	Lower	Upper
82	100	
128	48.9	36.1 54.1
54	46.9	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: 43.40 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF099554.D

Acq: 16 Oct 2017 19:59

Instrument :

BNA_F

ClientSampleId :

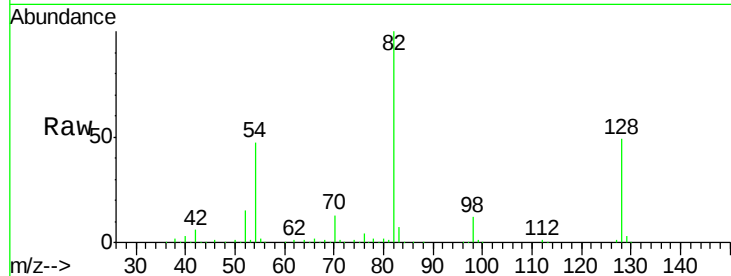
Tot Ion: 82 Resp: 652853

Ion Ratio Lower Upper

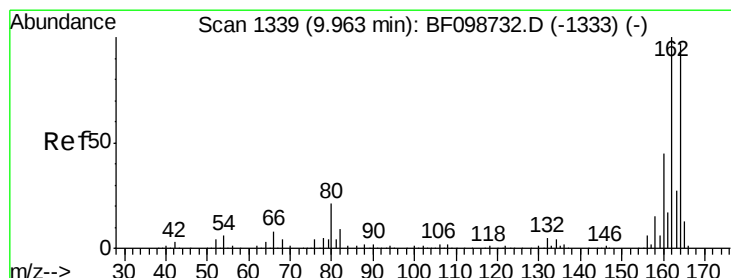
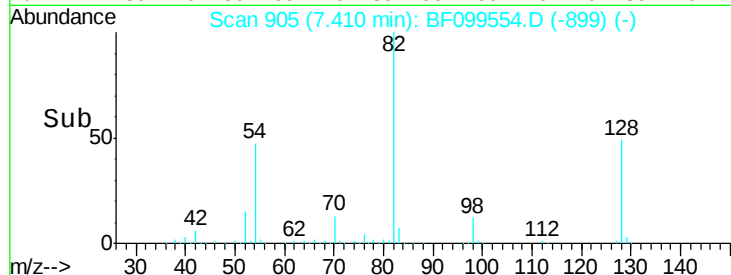
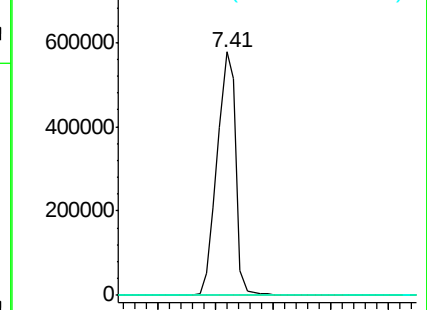
82 100

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: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099554.D

Acq: 16 Oct 2017 19:59

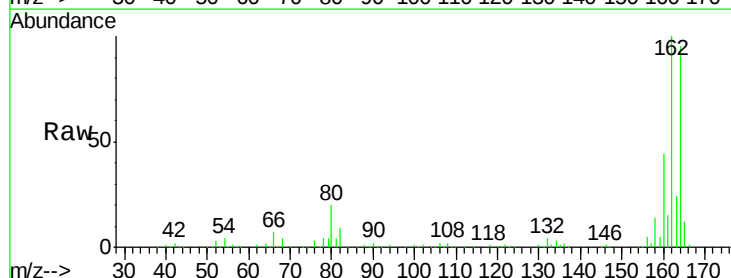
Tgt Ion:164 Resp: 208069

Ion Ratio Lower Upper

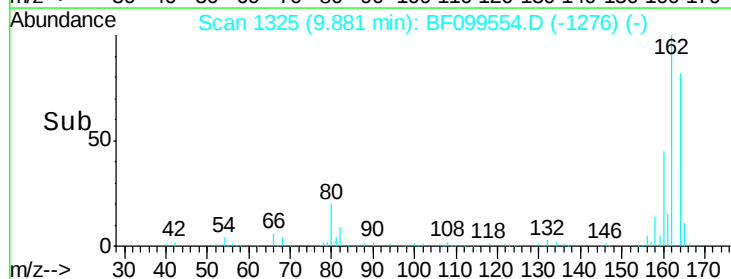
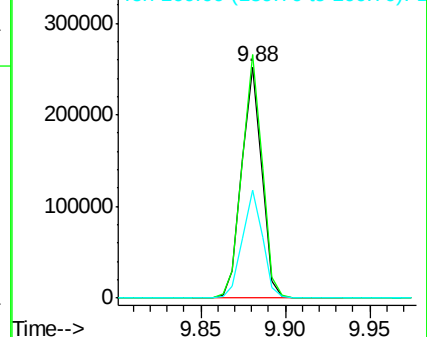
164 100

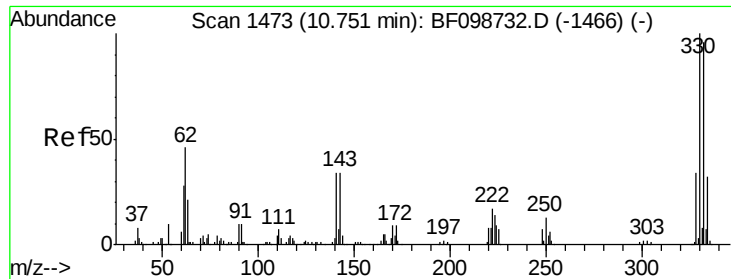
162 105.3 86.1 129.1

160 46.6 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

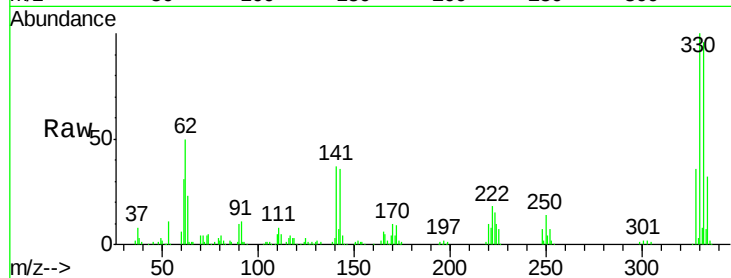




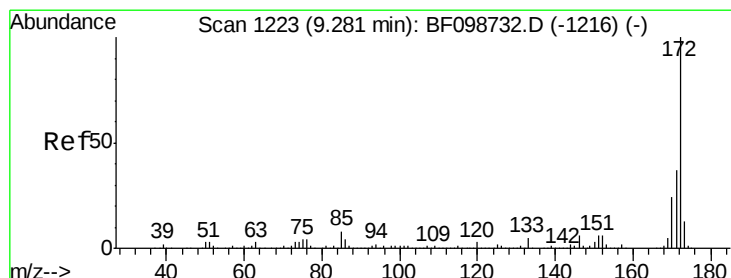
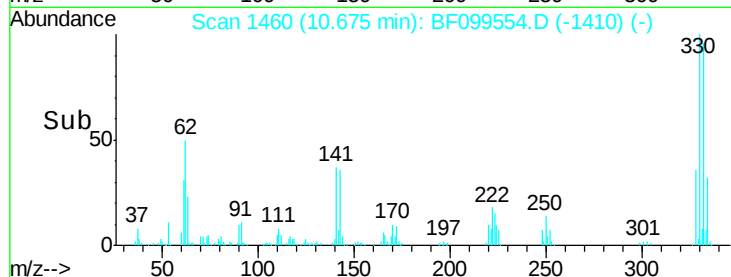
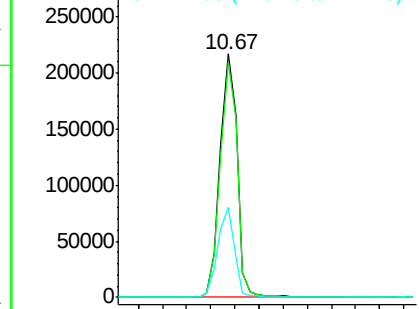
#41
 2,4,6-Tribromophenol
 Concen: 123.72 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099554.D
 Acq: 16 Oct 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	36.4	29.9	44.9

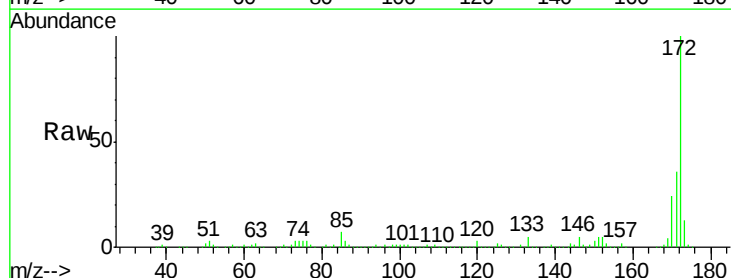


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

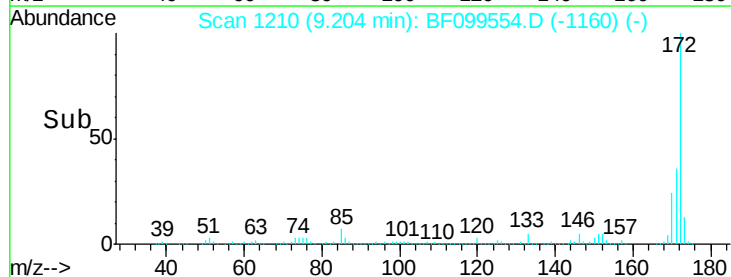
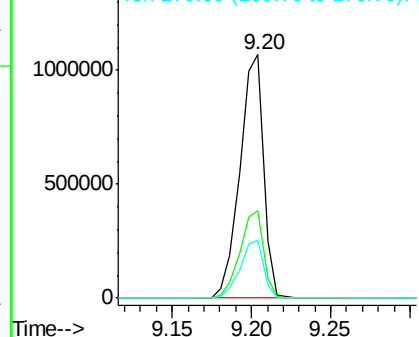


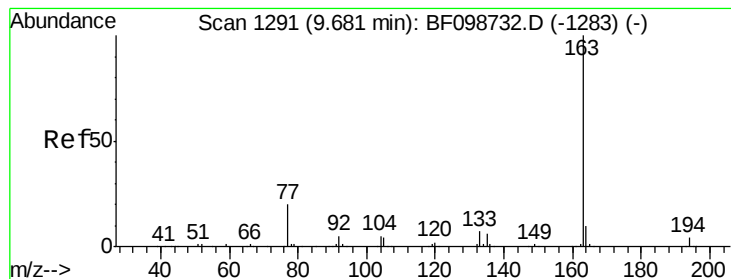
#44
 2-Fluorobiphenyl
 Concen: 88.83 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099554.D
 Acq: 16 Oct 2017 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	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: 19.02 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF099554.D

Acq: 16 Oct 2017 19:59

Instrument :

BNA_F

ClientSampleId :

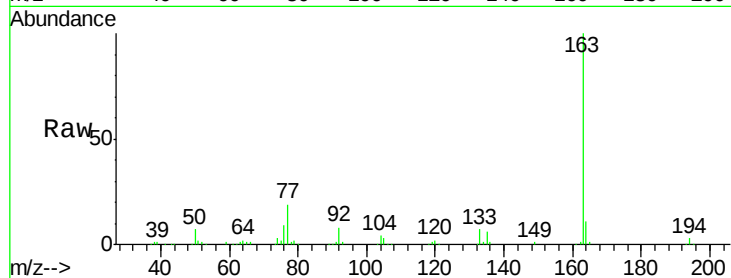
Tot Ion:163 Resp: 298626

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

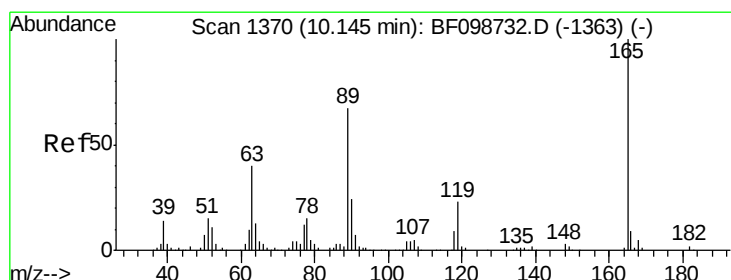
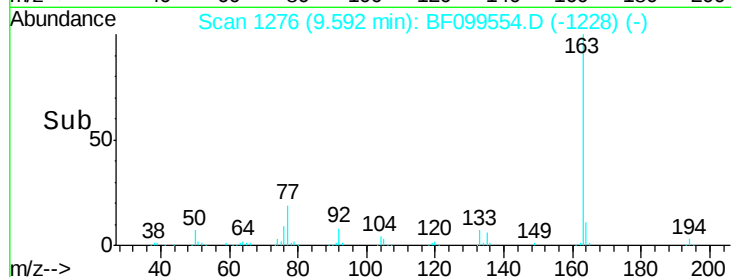
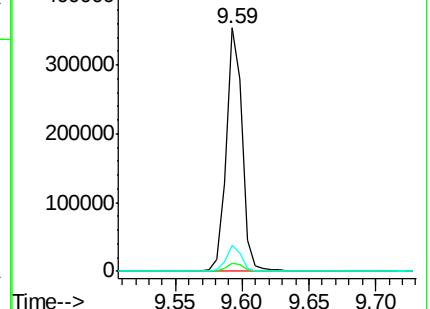
164 10.6 8.2 12.2



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: 6.01 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.21 min

Lab File: BF099554.D

Acq: 16 Oct 2017 19:59

Tgt Ion:165 Resp: 26657

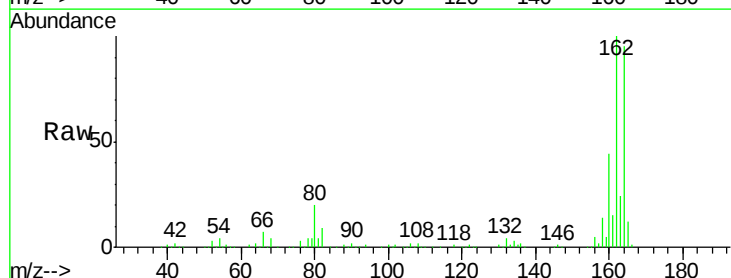
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

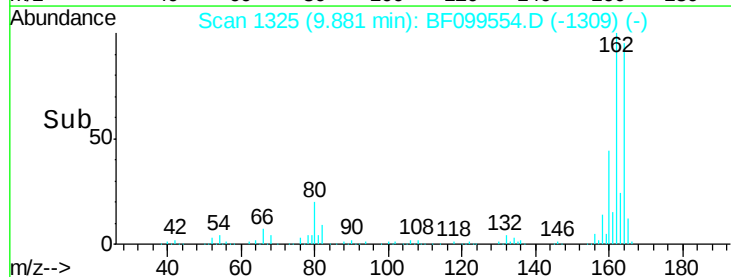
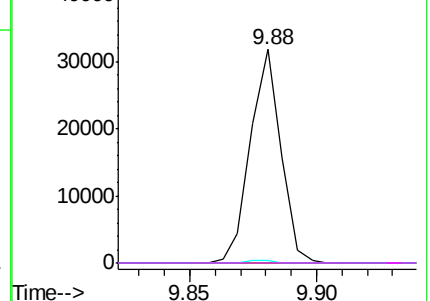


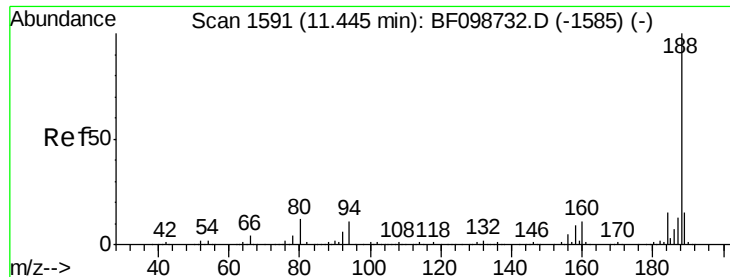
Abundance Ion 165.00 (164.70 to 165.70): E

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

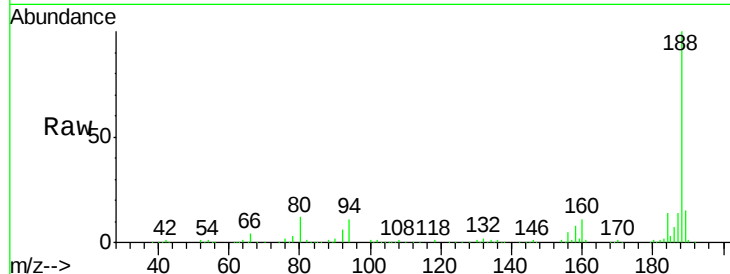




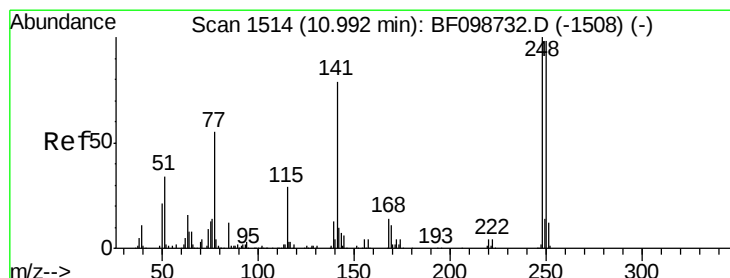
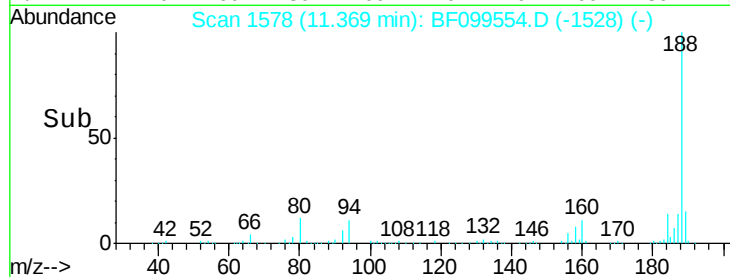
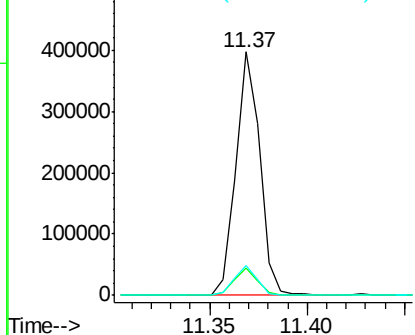
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099554.D
 Acq: 16 Oct 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 338347
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 12.3 9.2 13.8

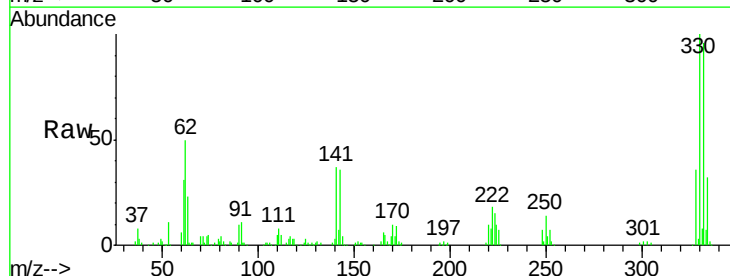


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

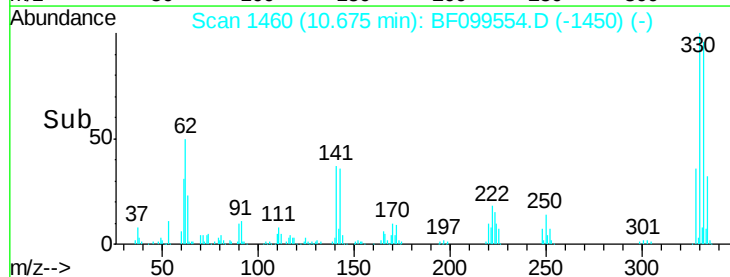
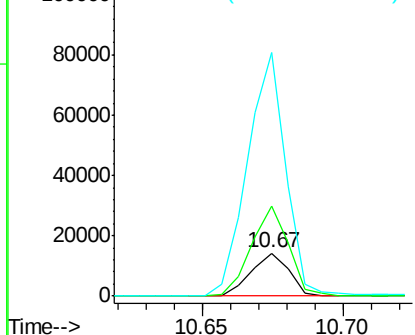


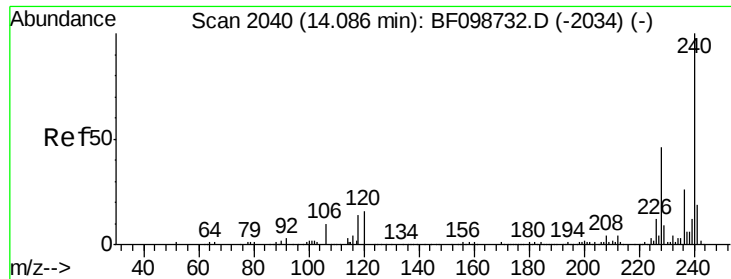
#66
 4-Bromophenyl-phenylether
 Concen: 4.06 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF099554.D
 Acq: 16 Oct 2017 19:59

Tgt Ion:248 Resp: 13431
 Ion Ratio Lower Upper
 248 100
 250 209.3 76.9 115.3#
 141 563.6 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

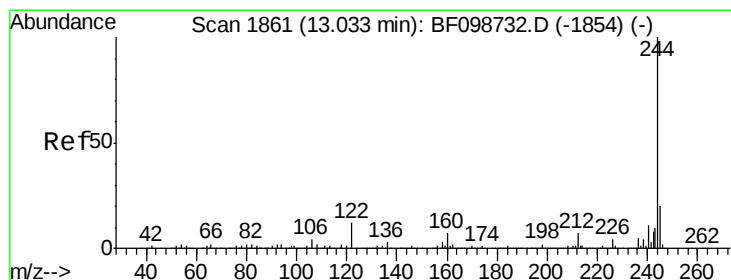
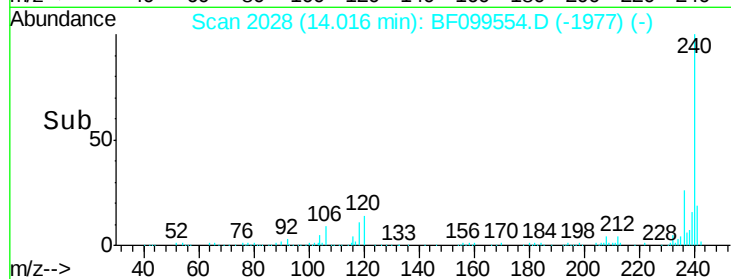
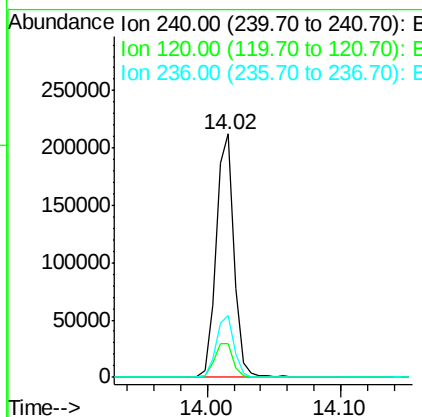
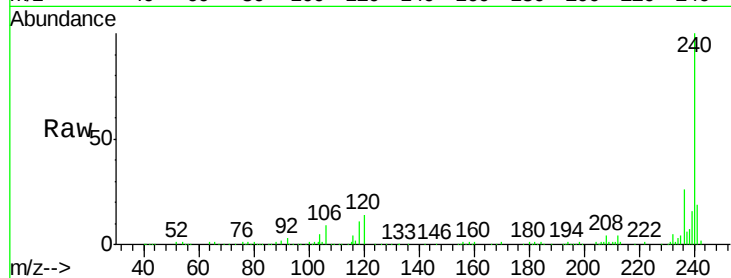




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF099554.D
 Acq: 16 Oct 2017 19:59

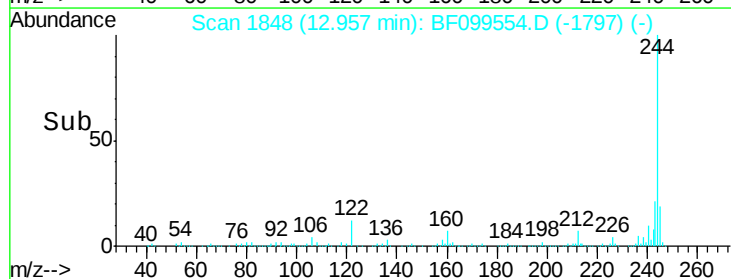
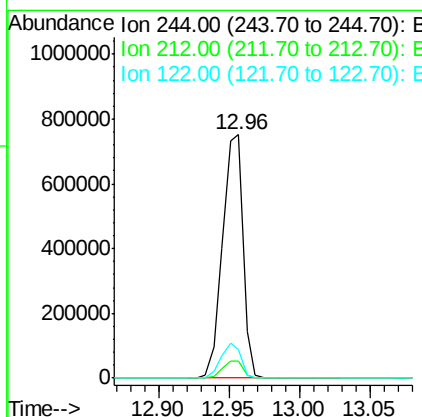
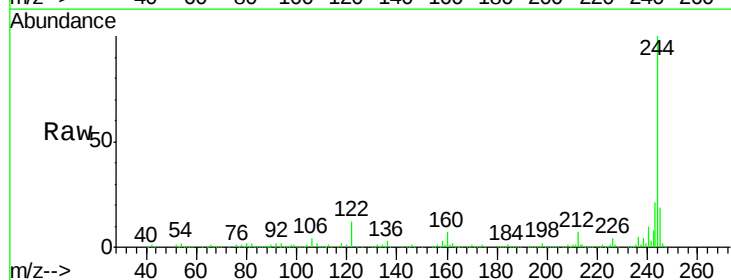
Instrument :
 BNA_F
 ClientSampleId :

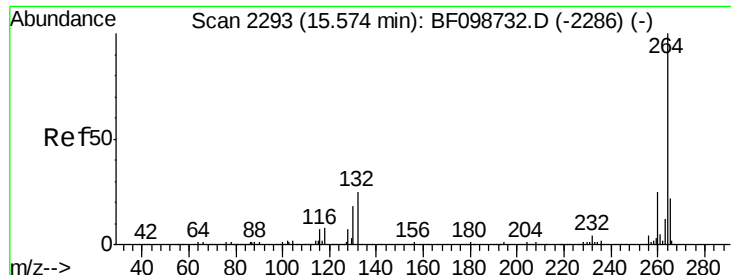
Tot Ion:240 Resp: 201213
 Ion Ratio Lower Upper
 240 100
 120 13.8 9.5 14.3
 236 25.6 20.7 31.1



#78
 Terphenyl-d14
 Concen: 85.80 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099554.D
 Acq: 16 Oct 2017 19:59

Tgt Ion:244 Resp: 759147
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.8 11.0 16.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099554.D
Acq: 16 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.8	17.5	26.3

