

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099559.D
 Acq On : 16 Oct 2017 22:17
 Operator : SJ/JU
 Sample : I5782-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 23:30:50 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

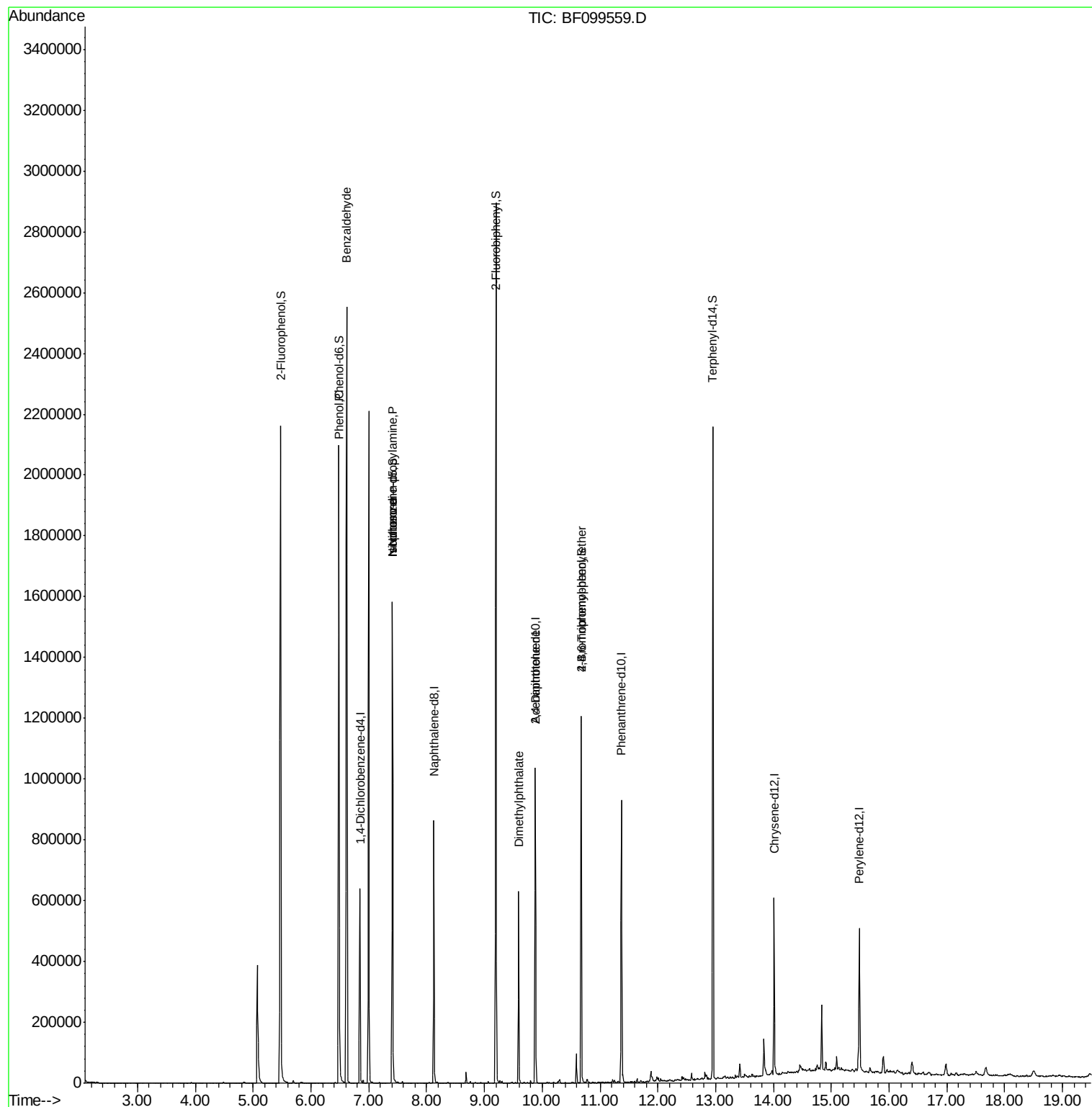
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	103318	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	431241	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	189917	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	305827	20.00	ng	0.00
75) Chrysene-d12	14.01	240	193671	20.00	ng	0.00
86) Perylene-d12	15.49	264	199304	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	740644	114.12	ng	0.00
7) Phenol-d6	6.48	99	930988	116.28	ng	0.00
23) Nitrobenzene-d5	7.41	82	557129	82.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	153066	98.50	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1040091	91.43	ng	0.00
78) Terphenyl-d14	12.95	244	739141	86.79	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	14611	3.15	ng	88
10) Phenol	6.49	94	72851	8.14	ng	97
19) n-Nitroso-di-n-propylamine	7.41	70	70677	13.83	ng	# 73
25) Isophorone	7.41	82	557123	40.07	ng	# 64
49) Dimethylphthalate	9.59	163	243559	16.99	ng	100
56) 2,4-Dinitrotoluene	9.88	165	23715	5.86	ng	# 22
66) 4-Bromophenyl-phenylether	10.67	248	10219	3.41	ng	# 1

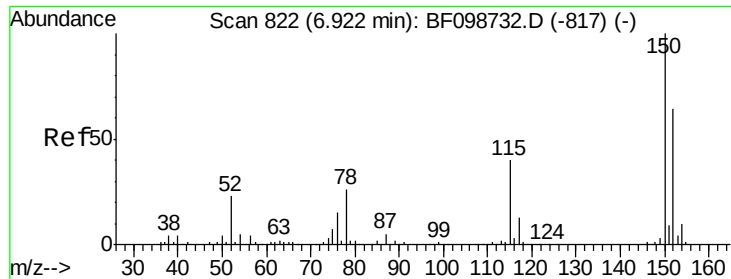
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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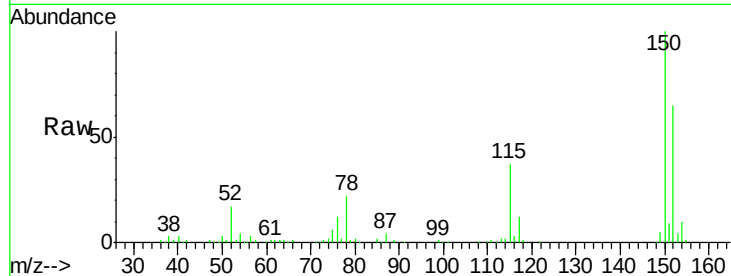


#1

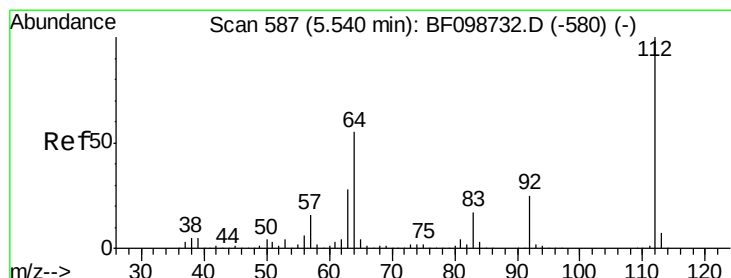
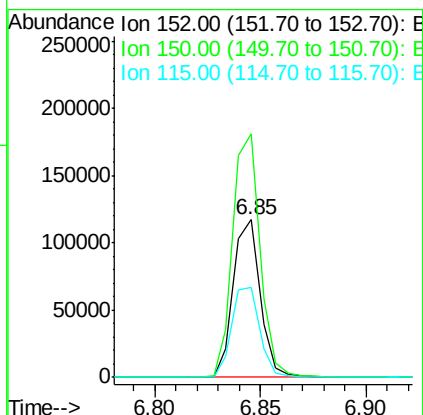
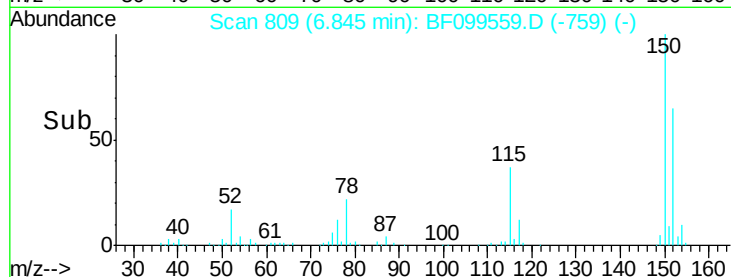
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099559.D
Acq: 16 Oct 2017 22:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103318
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 56.8 50.1 75.1



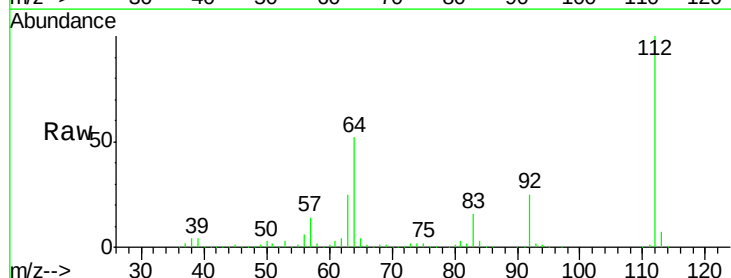
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



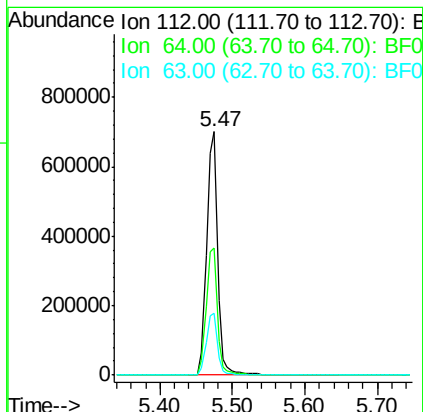
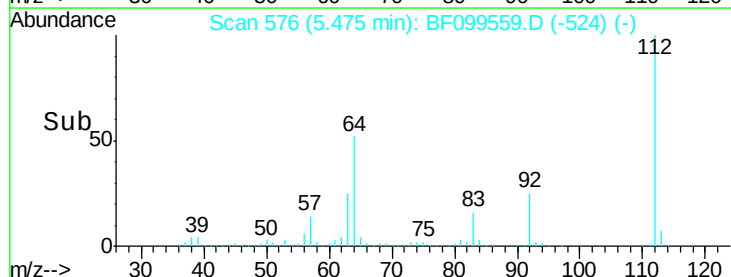
#5

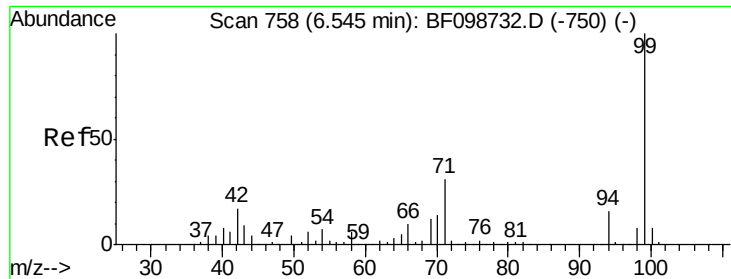
2-Fluorophenol
Concen: 114.12 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099559.D
Acq: 16 Oct 2017 22:17

Tgt Ion:112 Resp: 740644
Ion Ratio Lower Upper
112 100
64 52.3 47.9 71.9
63 25.3 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: 116.28 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099559.D

Acq: 16 Oct 2017 22:17

Instrument :

BNA_F

ClientSampled :

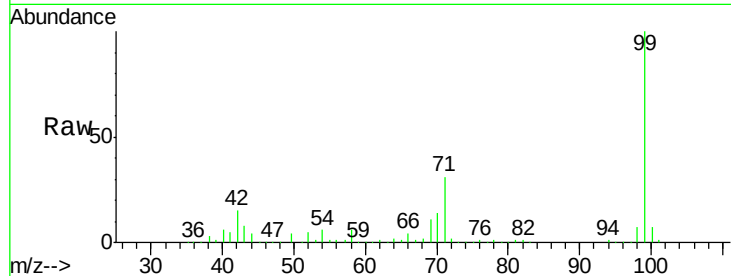
Tot Ion: 99 Resp: 930988

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

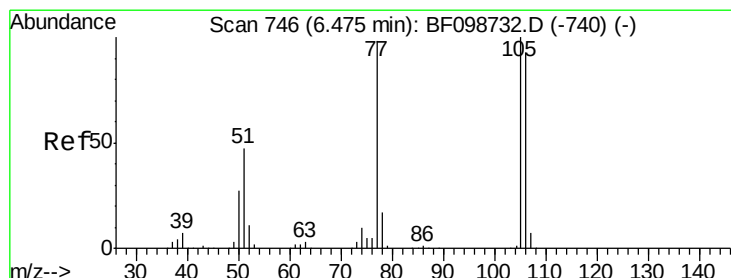
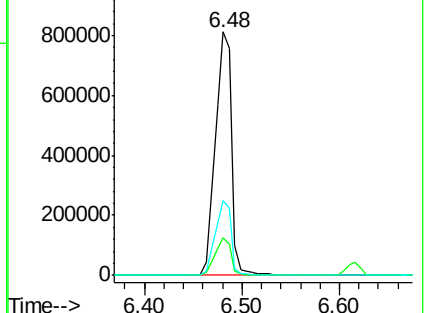
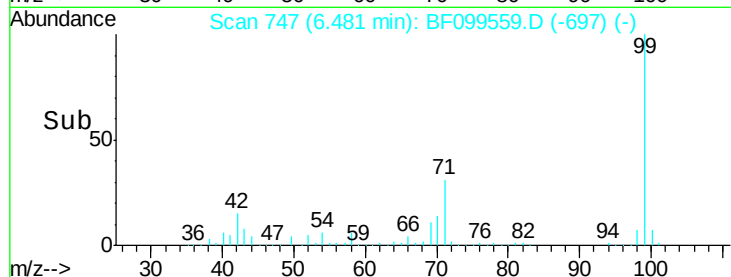
71 30.7 25.4 38.0



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: 3.15 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF099559.D

Acq: 16 Oct 2017 22:17

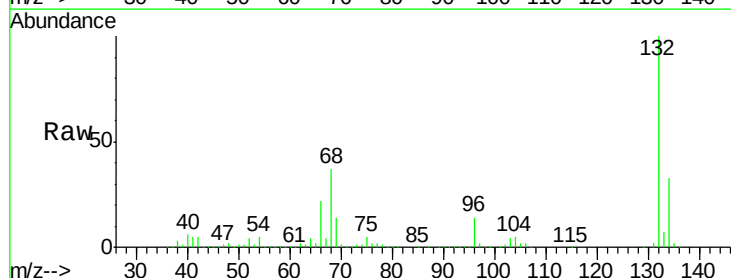
Tgt Ion: 77 Resp: 14611

Ion Ratio Lower Upper

77 100

105 87.2 81.1 121.1

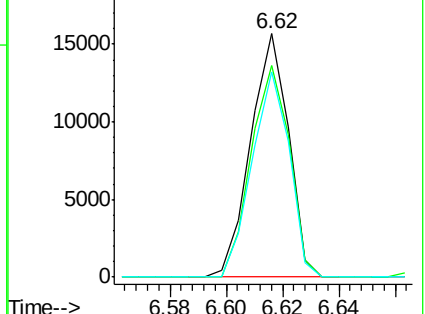
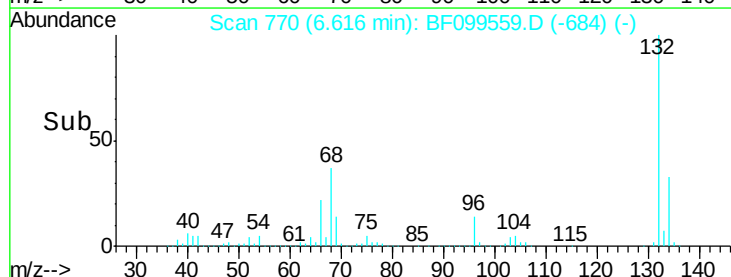
106 84.5 74.5 114.5

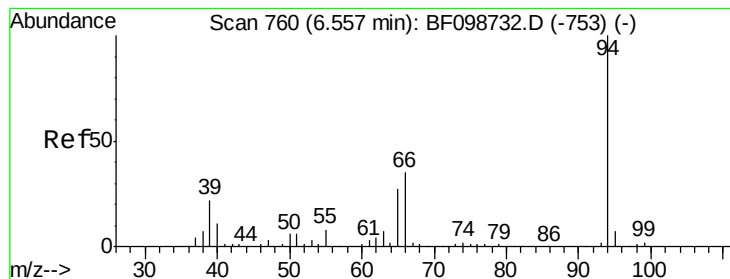


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 8.14 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099559.D

Acq: 16 Oct 2017 22:17

Instrument :

BNA_F

ClientSampleId :

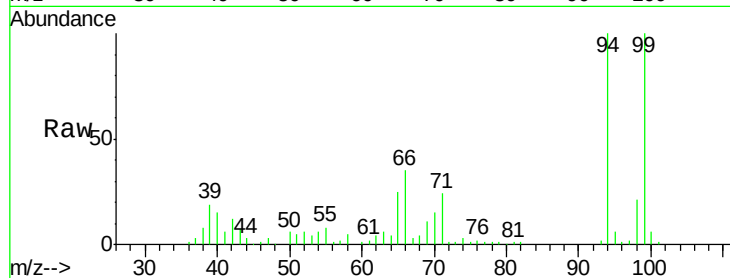
Tot Ion: 94 Resp: 72851

Ion Ratio Lower Upper

94 100

65 25.0 7.9 47.9

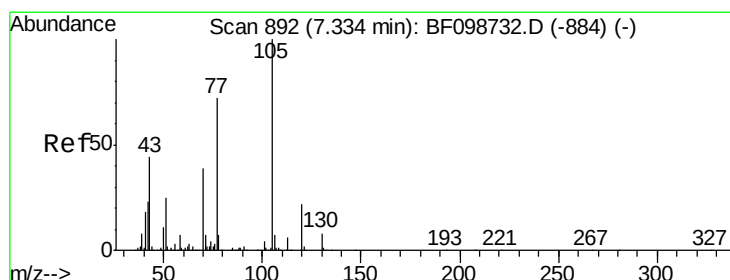
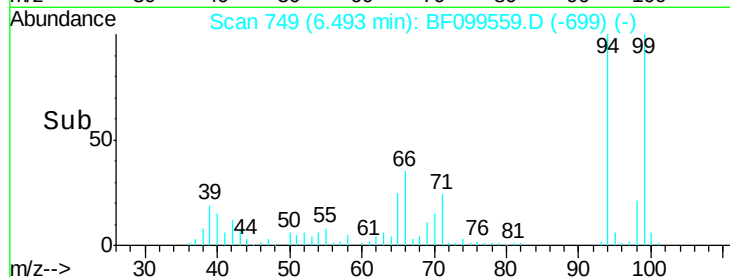
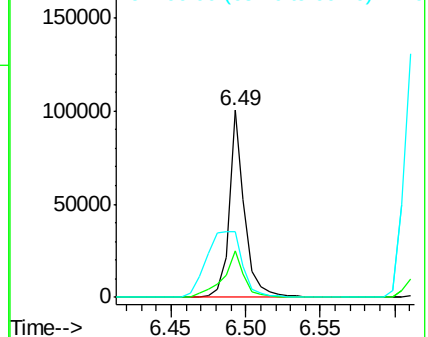
66 35.1 16.2 56.2



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: 13.83 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF099559.D

Acq: 16 Oct 2017 22:17

Tgt Ion: 70 Resp: 70677

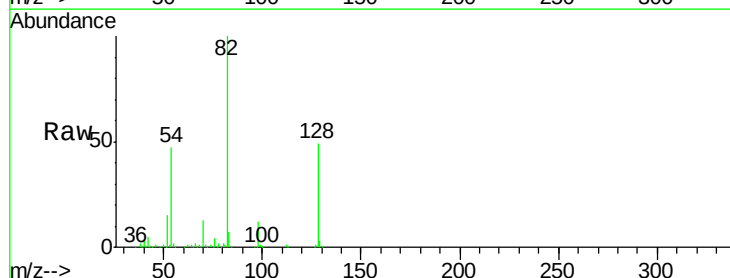
Ion Ratio Lower Upper

70 100

42 42.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

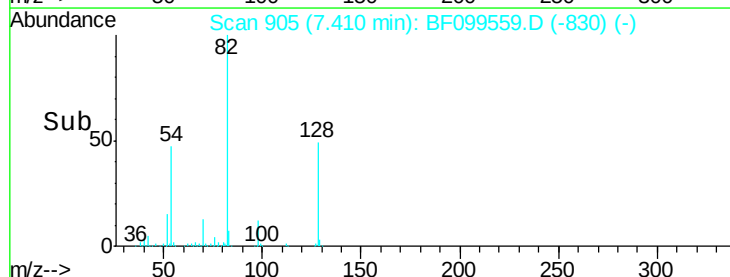
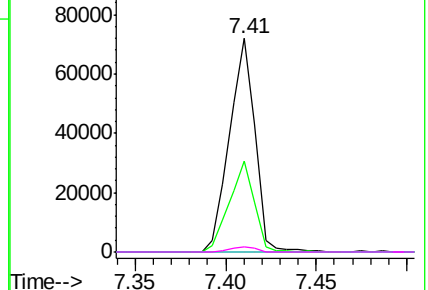


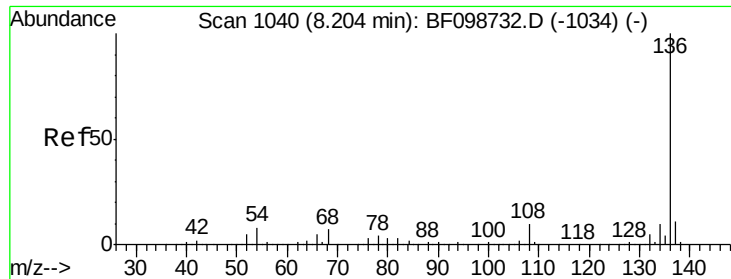
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

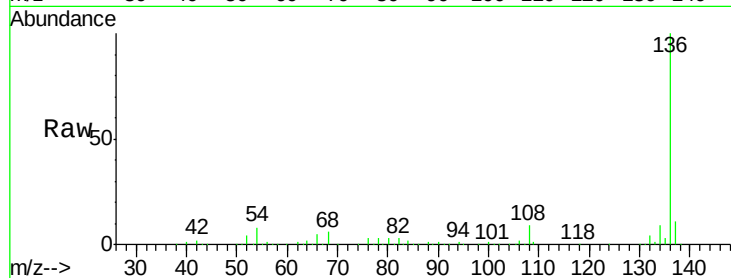




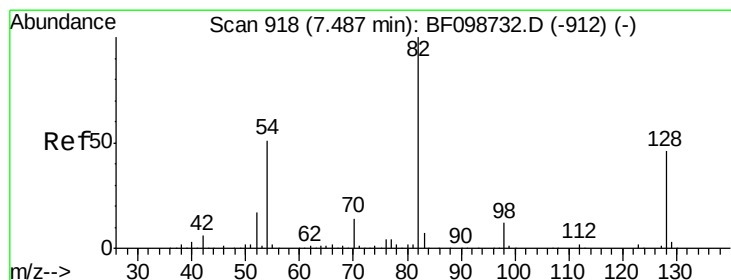
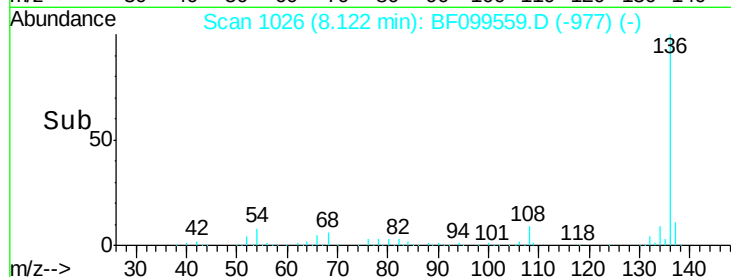
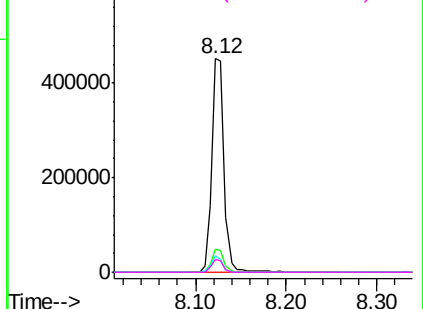
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099559.D
Acq: 16 Oct 2017 22:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	431241
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.6	6.6 9.8
68	6.2	5.0 7.4

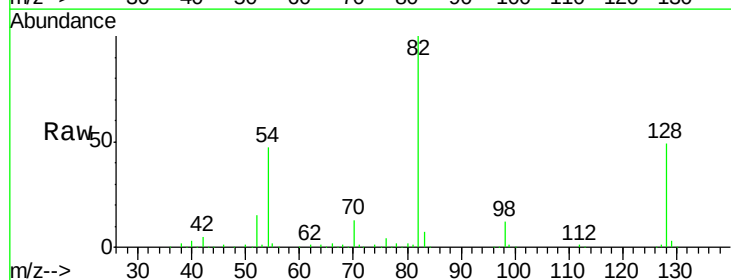


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

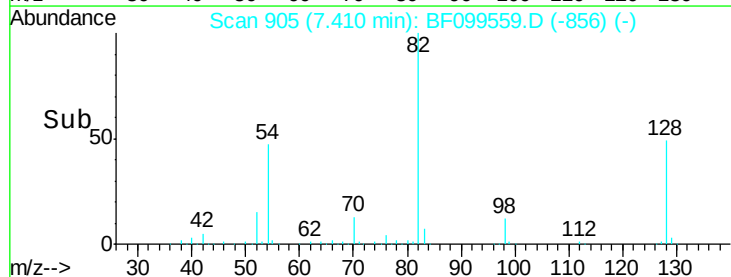
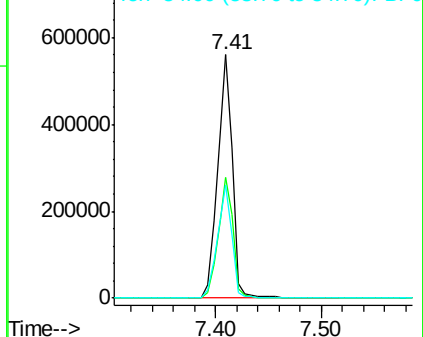


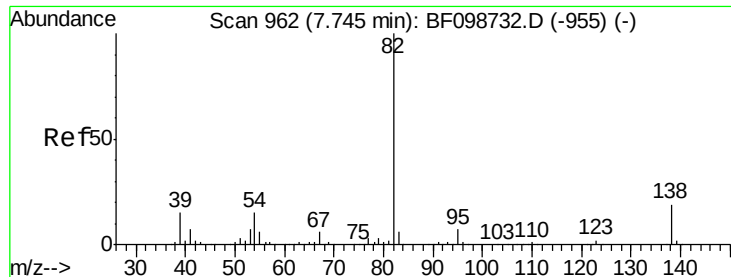
#23
Nitrobenzene-d5
Concen: 82.85 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099559.D
Acq: 16 Oct 2017 22:17

Tgt Ion: 82	Resp:	557129
Ion Ratio	Lower	Upper
82	100	
128	49.5	36.1 54.1
54	46.5	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: 40.07 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF099559.D

Acq: 16 Oct 2017 22:17

Instrument :

BNA_F

ClientSampleId :

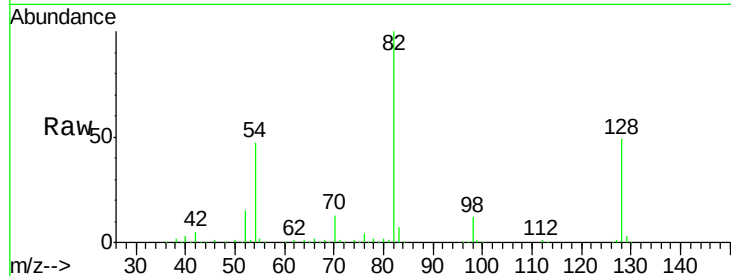
Tot Ion: 82 Resp: 557123

Ion Ratio Lower Upper

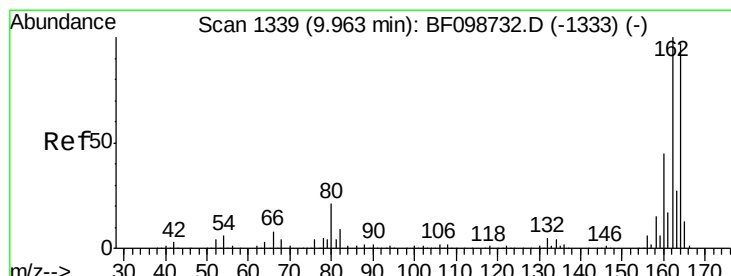
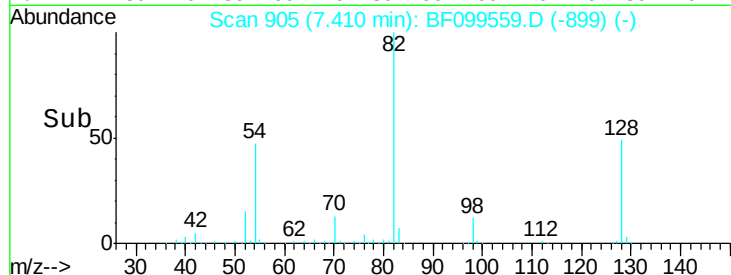
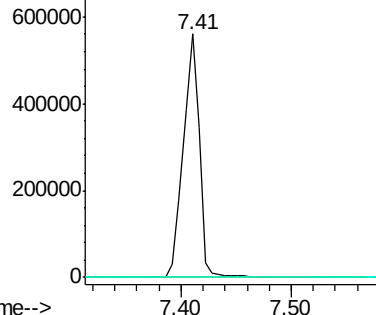
82 100

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: BF099559.D

Acq: 16 Oct 2017 22:17

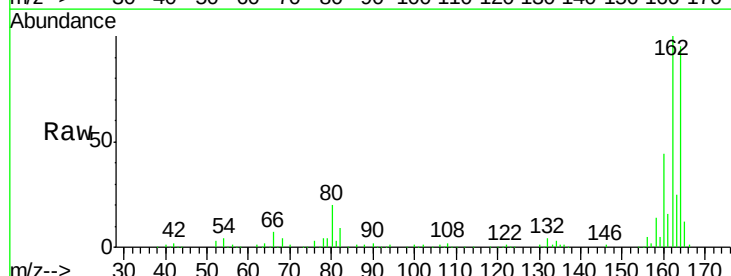
Tgt Ion:164 Resp: 189917

Ion Ratio Lower Upper

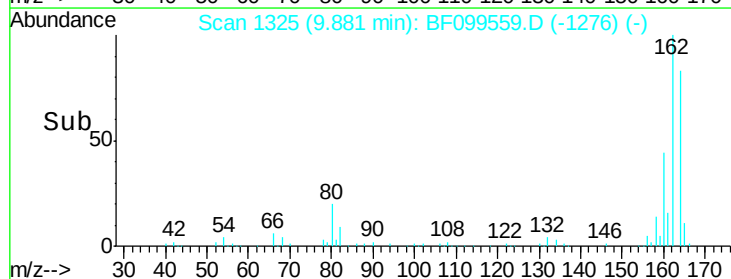
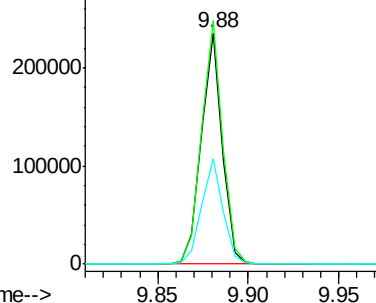
164 100

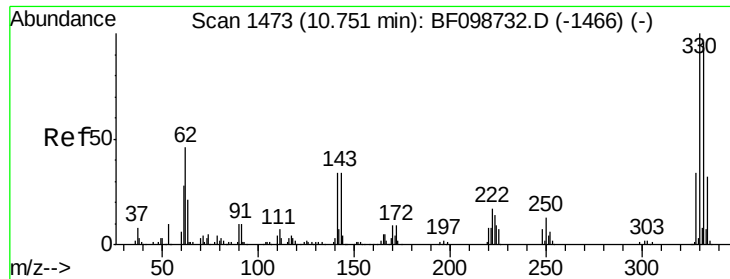
162 105.2 86.1 129.1

160 45.8 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

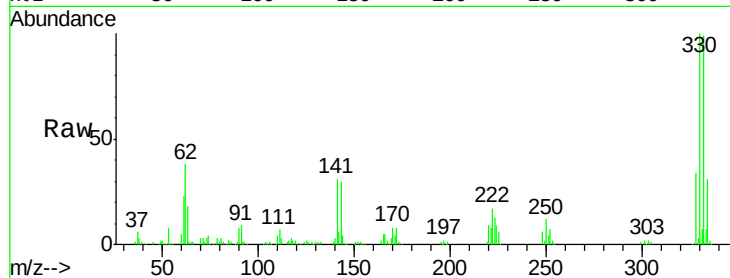




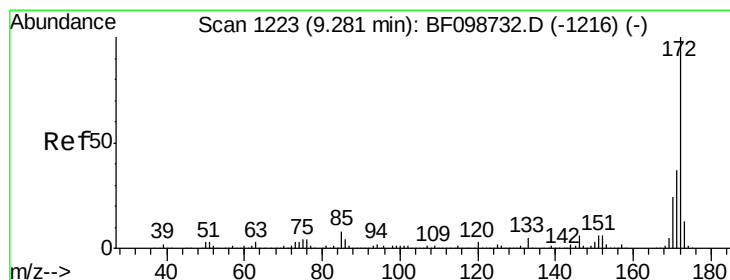
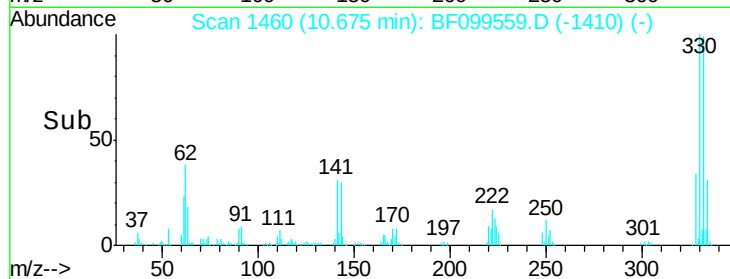
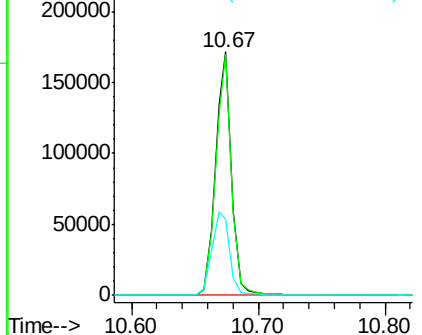
#41
 2,4,6-Tribromophenol
 Concen: 98.50 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099559.D
 Acq: 16 Oct 2017 22:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	38.2	29.9	44.9

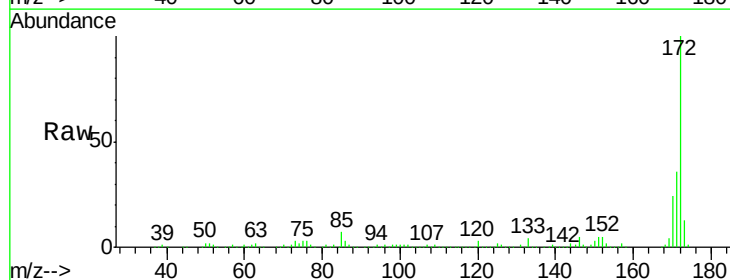


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

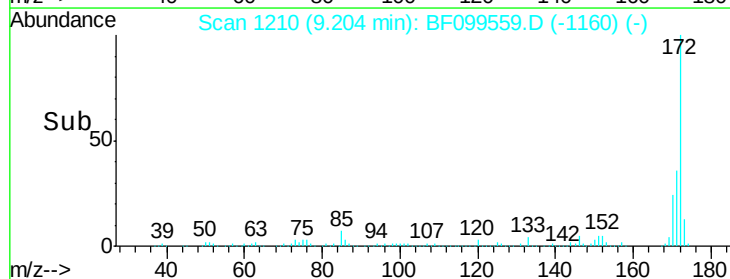
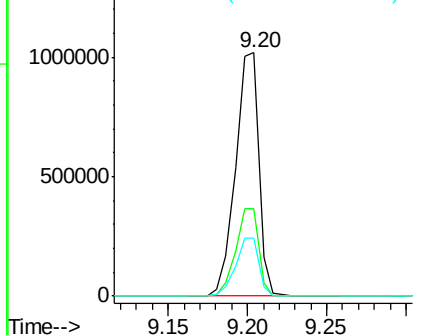


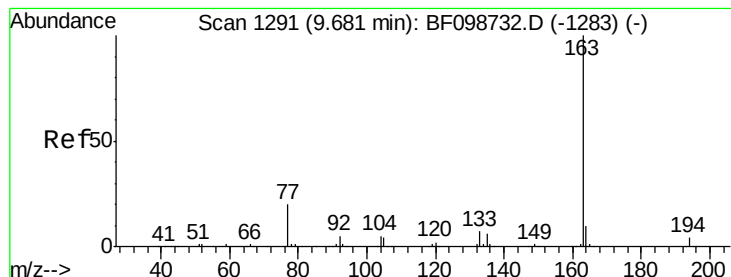
#44
 2-Fluorobiphenyl
 Concen: 91.43 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099559.D
 Acq: 16 Oct 2017 22:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	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: 16.99 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF099559.D

Acq: 16 Oct 2017 22:17

Instrument :

BNA_F

ClientSampleId :

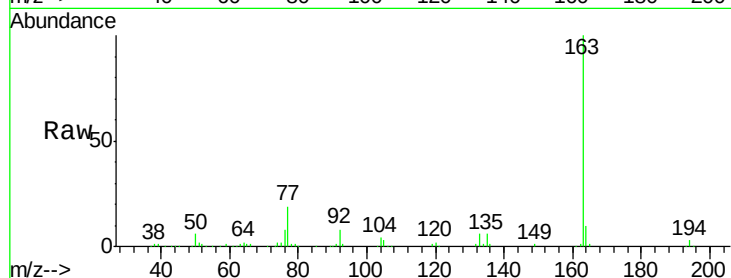
Tot Ion:163 Resp: 243559

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

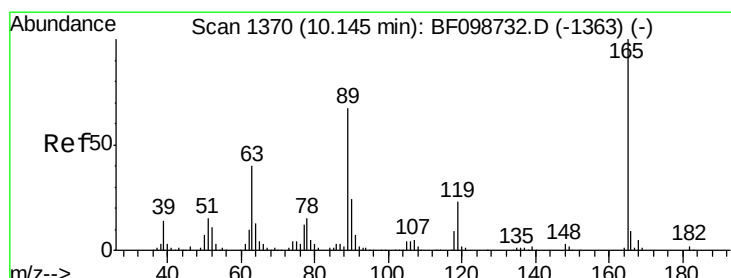
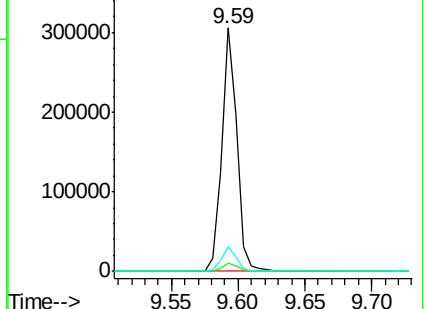
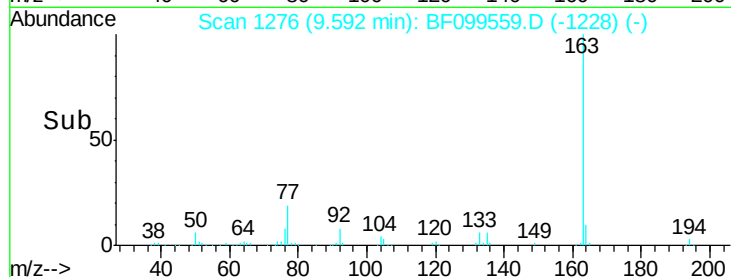
164 10.2 8.2 12.2



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: 5.86 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.21 min

Lab File: BF099559.D

Acq: 16 Oct 2017 22:17

Tgt Ion:165 Resp: 23715

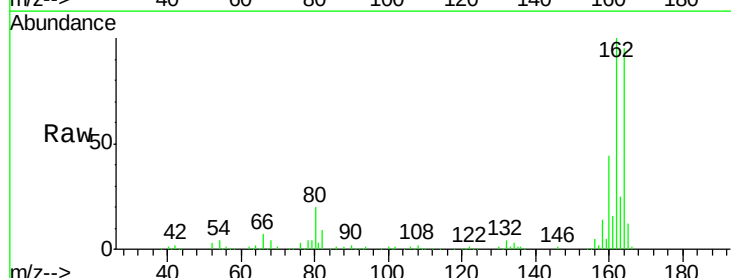
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

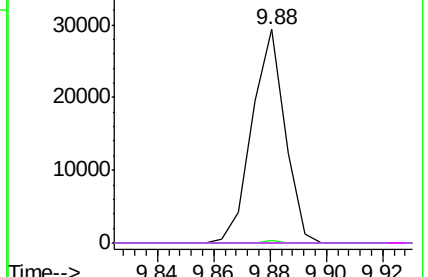
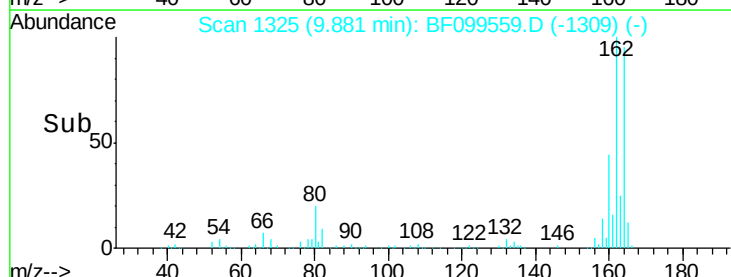


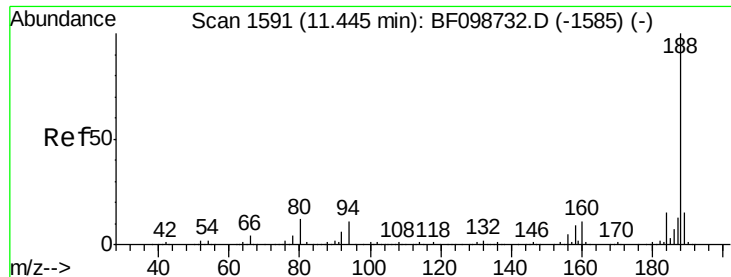
Abundance Ion 165.00 (164.70 to 165.70): E

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

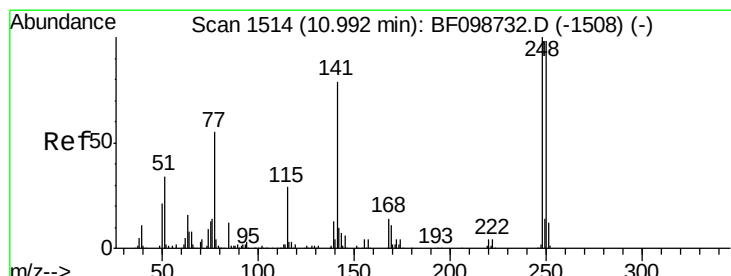
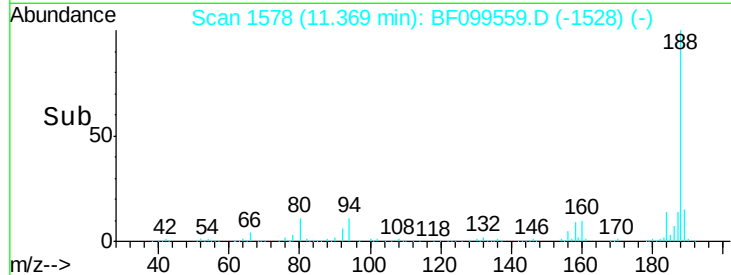
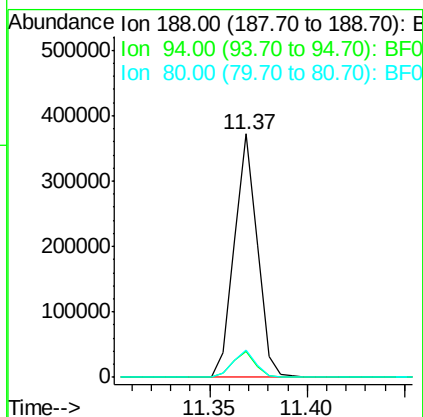
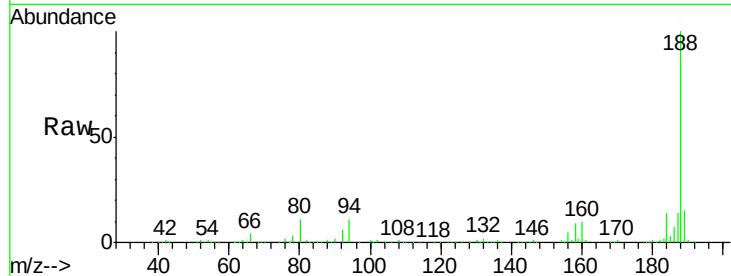




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099559.D
 Acq: 16 Oct 2017 22:17

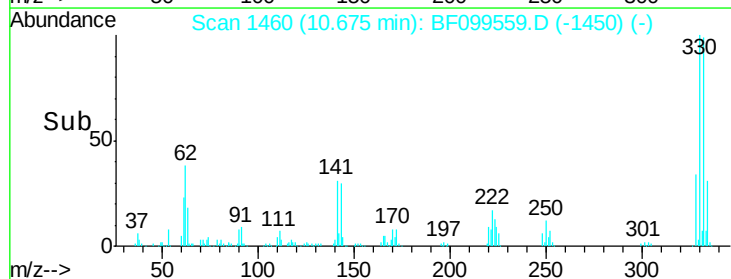
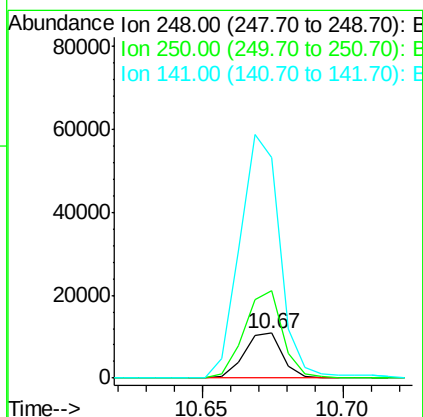
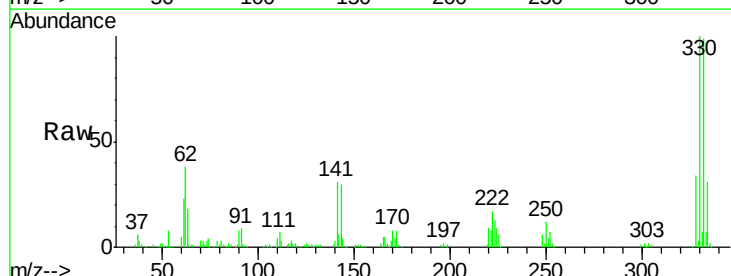
Instrument :
 BNA_F
 ClientSampled :

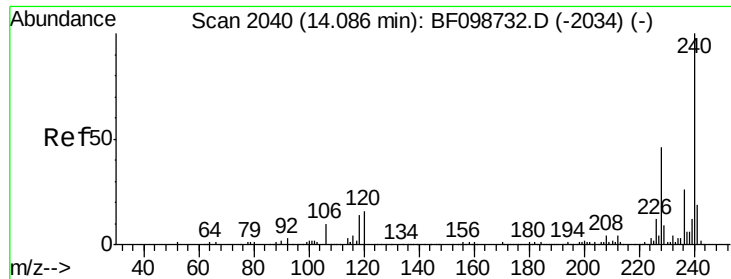
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.3	9.2	13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.41 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF099559.D
 Acq: 16 Oct 2017 22:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.3	76.9	115.3#
141	491.1	74.4	111.6#

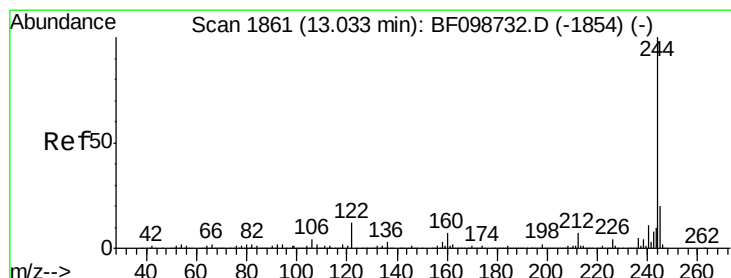
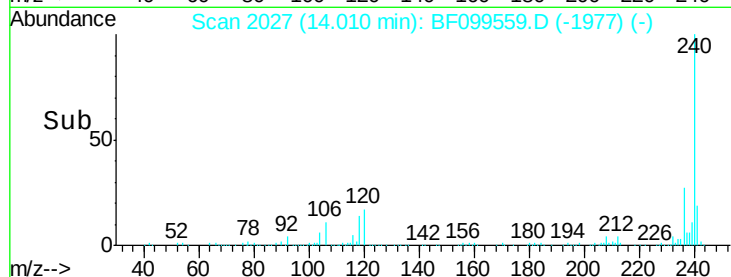
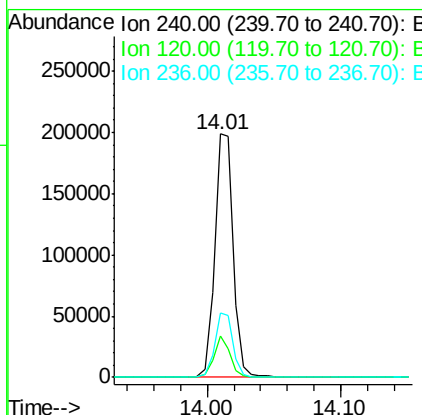
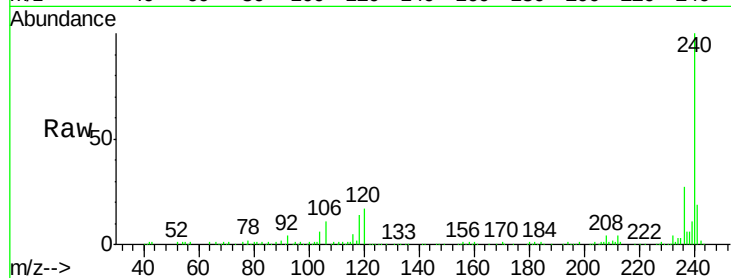




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF099559.D
 Acq: 16 Oct 2017 22:17

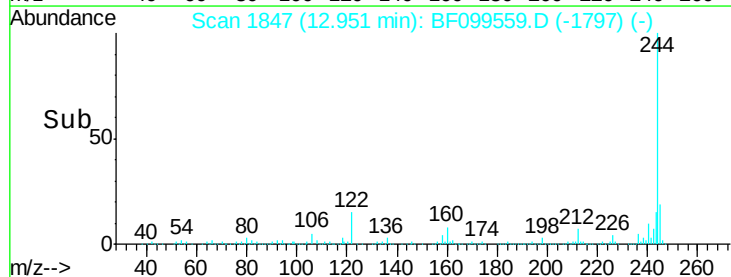
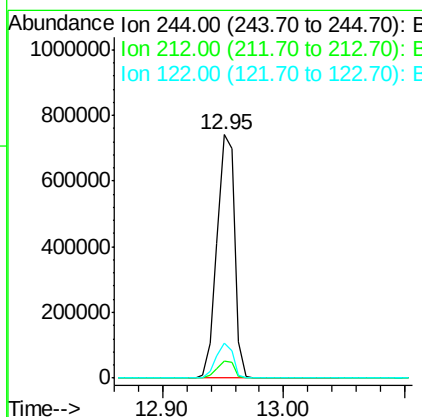
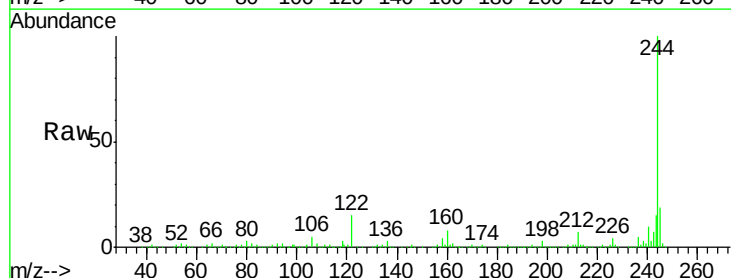
Instrument :
 BNA_F
 ClientSampleId :

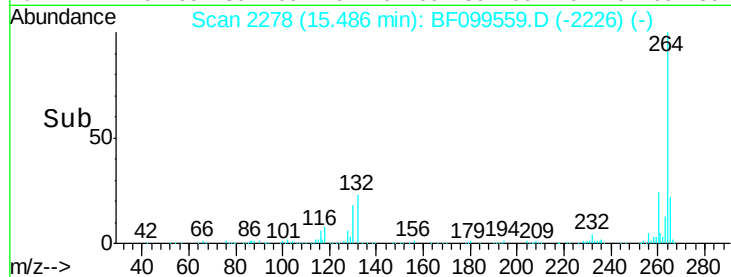
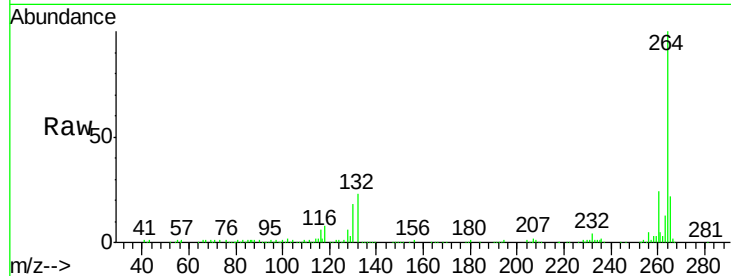
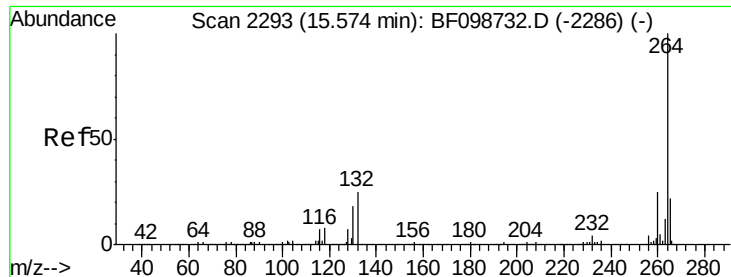
Tot Ion:240 Resp: 193671
 Ion Ratio Lower Upper
 240 100
 120 16.8 9.5 14.3#
 236 26.6 20.7 31.1



#78
 Terphenyl-d14
 Concen: 86.79 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099559.D
 Acq: 16 Oct 2017 22:17

Tgt Ion:244 Resp: 739141
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.6 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: BF099559.D
 Acq: 16 Oct 2017 22:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.5	26.3

