

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099555.D
 Acq On : 16 Oct 2017 20:27
 Operator : SJ/JU
 Sample : I5782-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 23:29:34 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

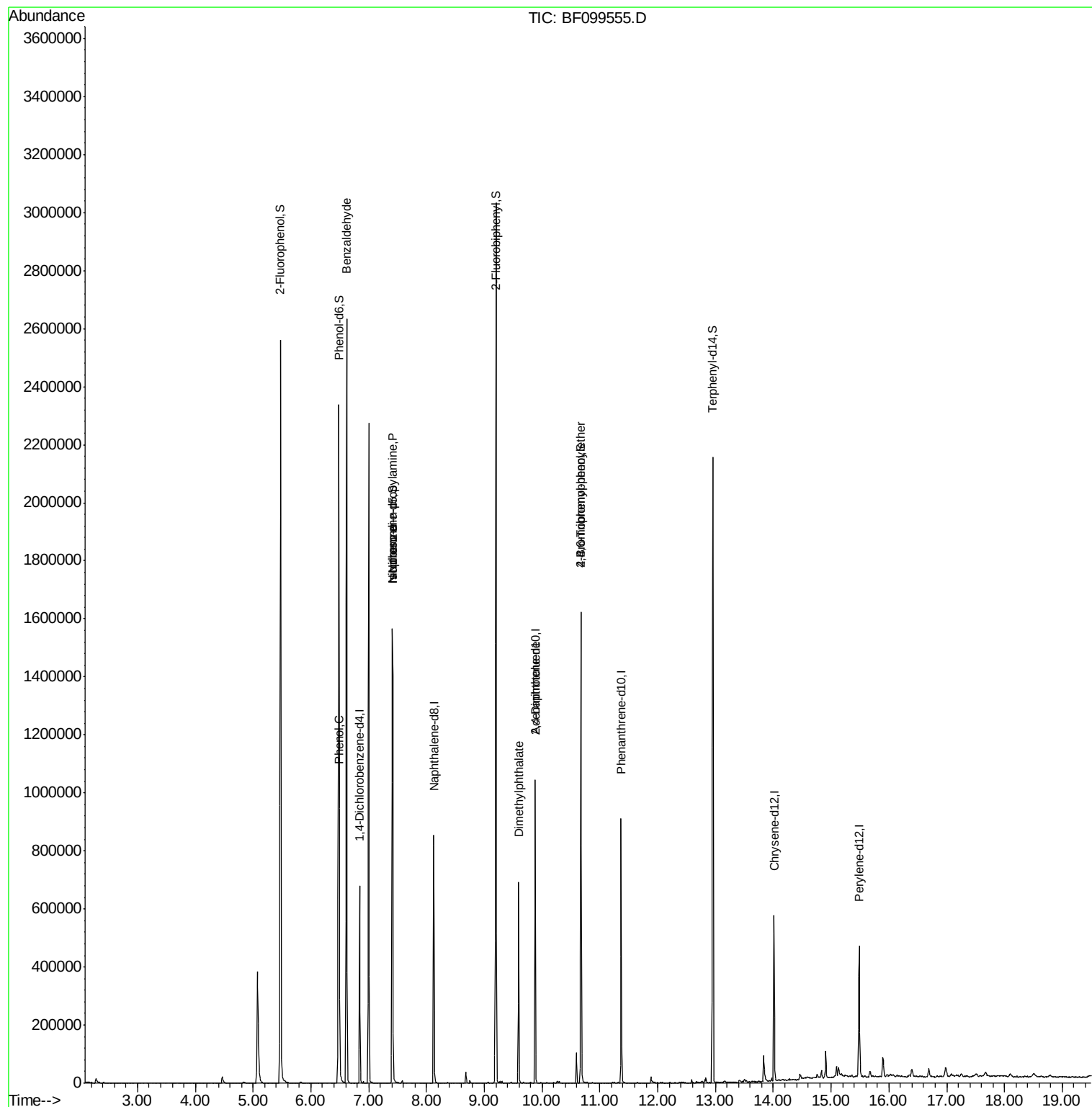
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	103352	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	431416	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	192243	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	307714	20.00	ng	0.00
75) Chrysene-d12	14.02	240	191027	20.00	ng	0.00
86) Perylene-d12	15.49	264	195393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	847585	130.55	ng	0.00
7) Phenol-d6	6.49	99	1003339	125.28	ng	0.00
23) Nitrobenzene-d5	7.41	82	610105	90.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	192877	122.61	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1081257	93.90	ng	0.00
78) Terphenyl-d14	12.96	244	749372	89.21	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	16088	3.46	ng	94
10) Phenol	6.50	94	80800	9.02	ng	93
19) n-Nitroso-di-n-propylamine	7.41	70	76920	15.04	ng	# 75
25) Isophorone	7.41	82	610098	43.87	ng	# 64
49) Dimethylphthalate	9.59	163	271486	18.71	ng	100
56) 2,4-Dinitrotoluene	9.88	165	23649	5.77	ng	# 22
66) 4-Bromophenyl-phenylether	10.67	248	12526	4.16	ng	# 1

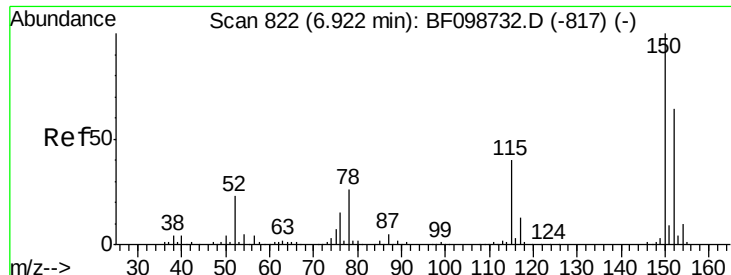
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099555.D
Acq On : 16 Oct 2017 20:27
Operator : SJ/JU
Sample : I5782-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 16 23:29:34 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



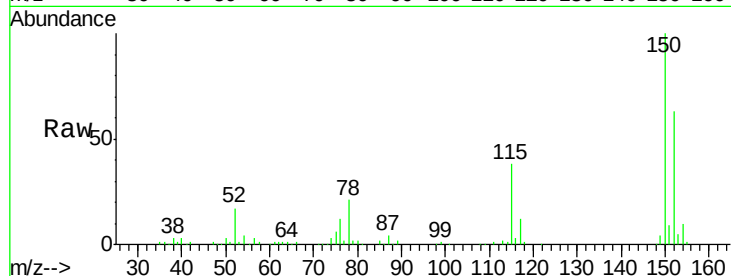


#1

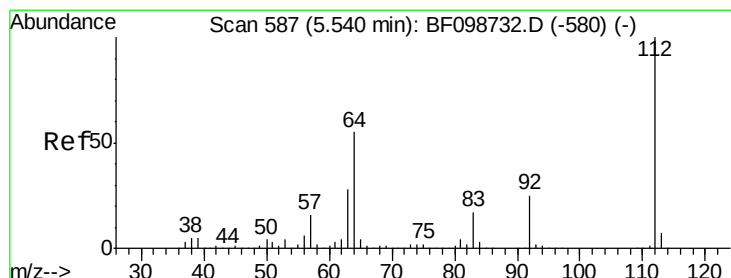
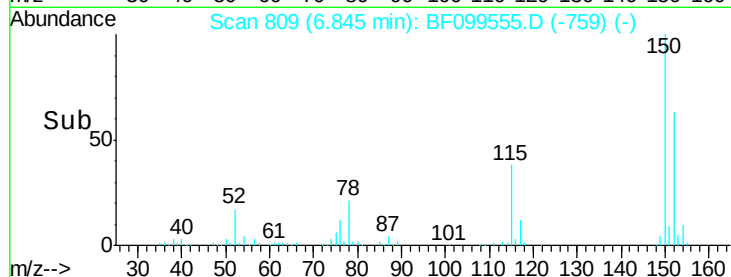
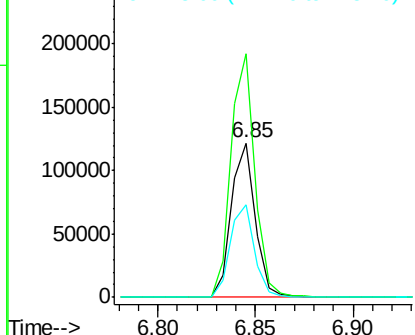
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099555.D
Acq: 16 Oct 2017 20:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	59.9	50.1	75.1



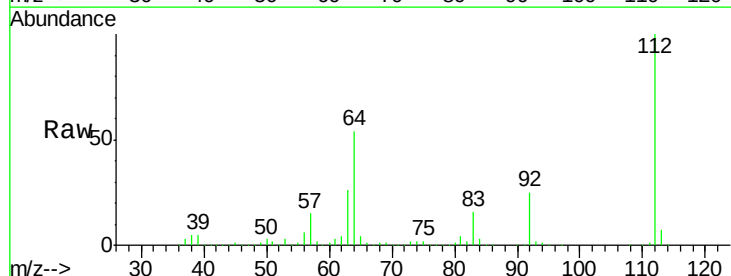
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



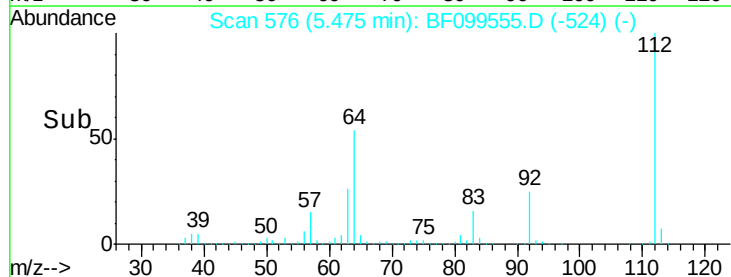
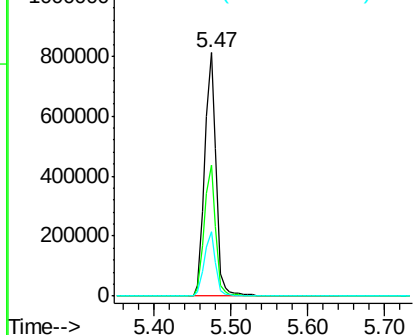
#5

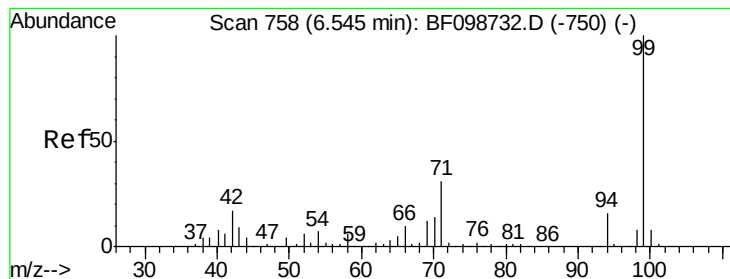
2-Fluorophenol
Concen: 130.55 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099555.D
Acq: 16 Oct 2017 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	26.4	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: 125.28 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099555.D

Acq: 16 Oct 2017 20:27

Instrument :

BNA_F

ClientSampled :

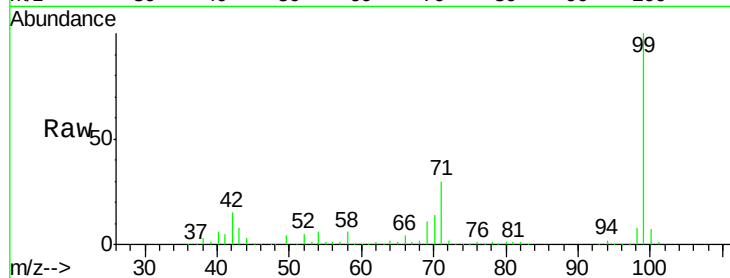
Tot Ion: 99 Resp: 1003339

Ion Ratio Lower Upper

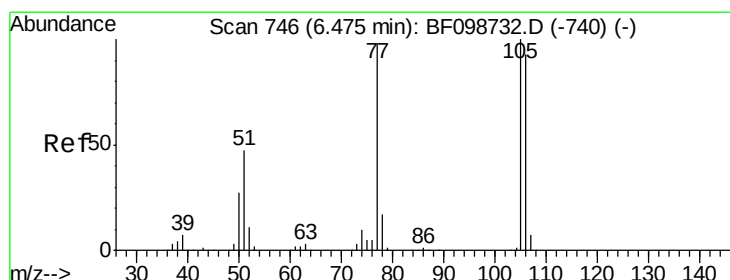
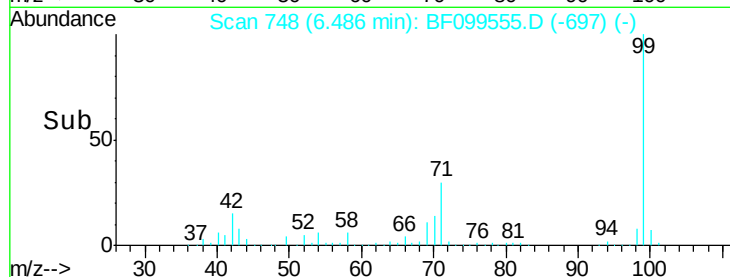
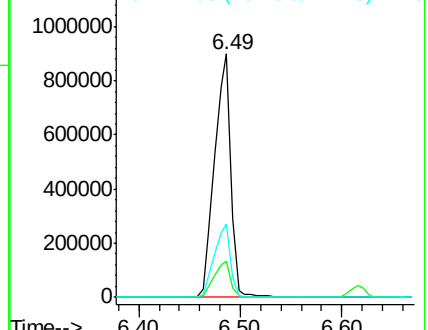
99 100

42 14.8 14.5 21.7

71 30.4 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: 3.46 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF099555.D

Acq: 16 Oct 2017 20:27

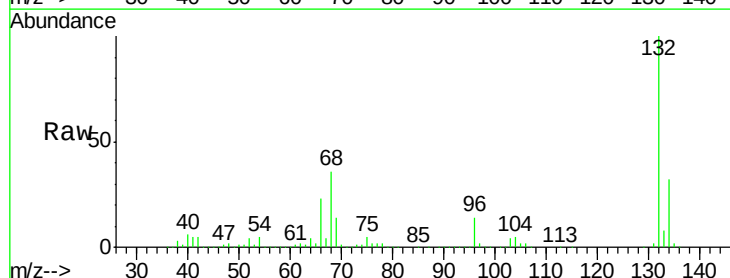
Tgt Ion: 77 Resp: 16088

Ion Ratio Lower Upper

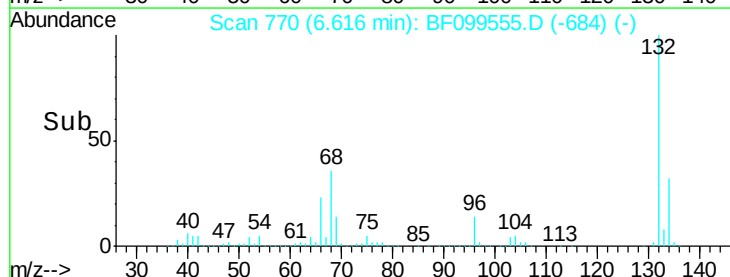
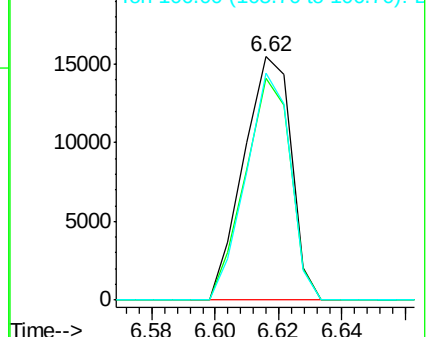
77 100

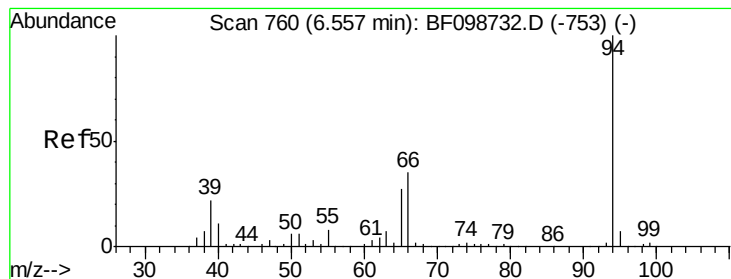
105 91.1 81.1 121.1

106 93.1 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: 9.02 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099555.D

Acq: 16 Oct 2017 20:27

Instrument :

BNA_F

ClientSampled :

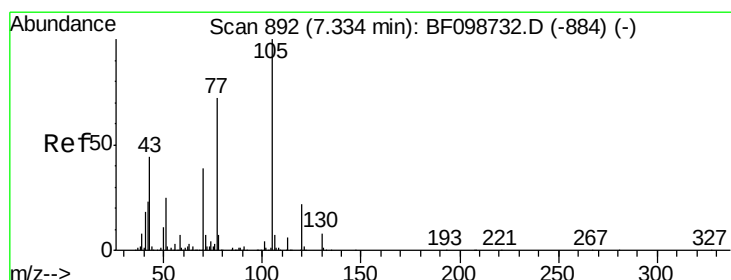
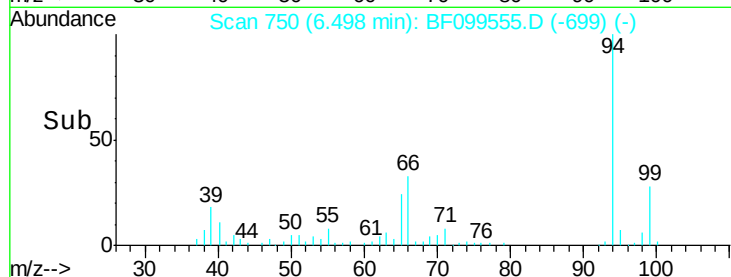
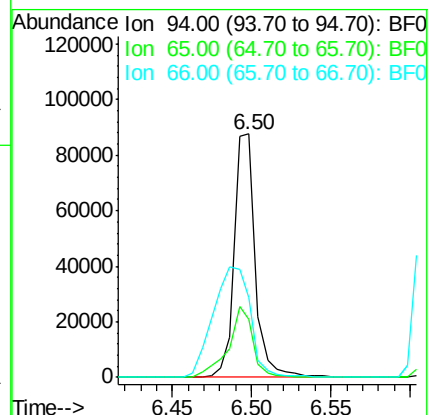
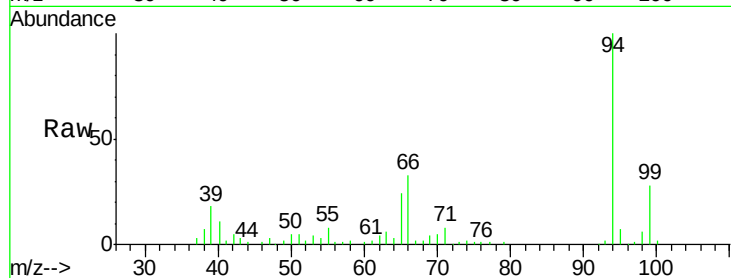
Tot Ion: 94 Resp: 80800

Ion Ratio Lower Upper

94 100

65 23.6 7.9 47.9

66 32.7 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.04 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF099555.D

Acq: 16 Oct 2017 20:27

Tgt Ion: 70 Resp: 76920

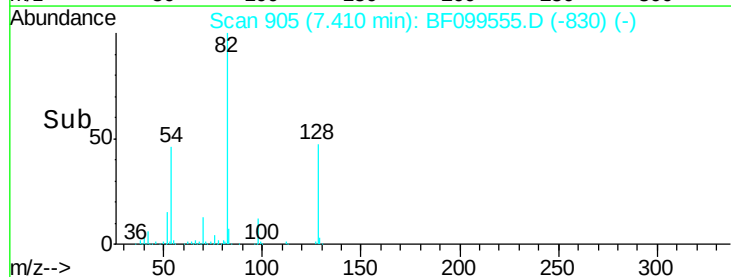
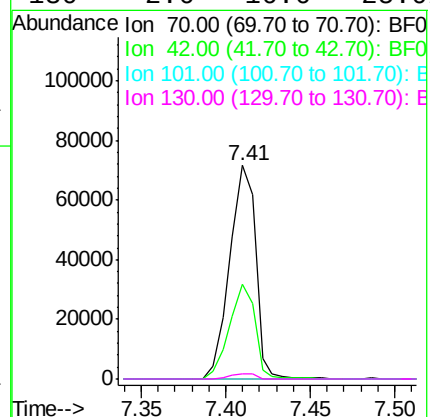
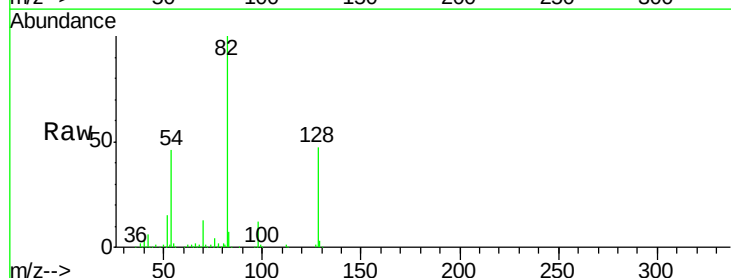
Ion Ratio Lower Upper

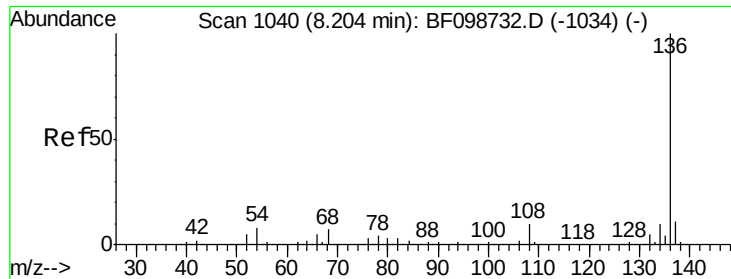
70 100

42 44.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

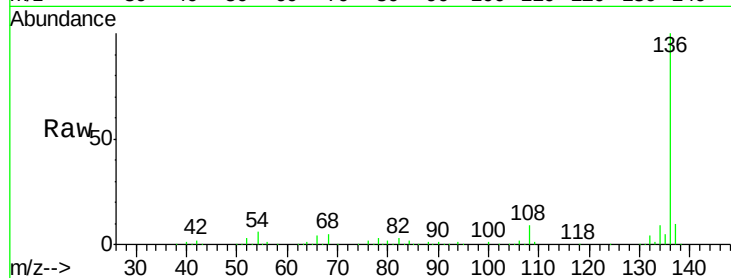




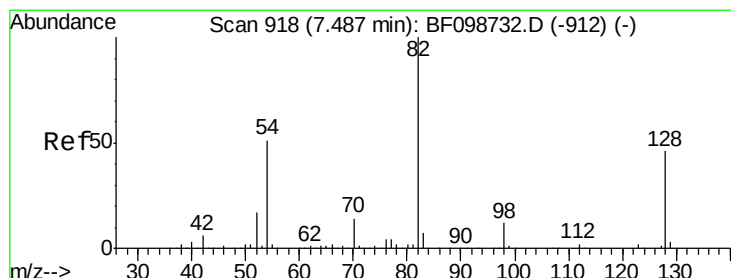
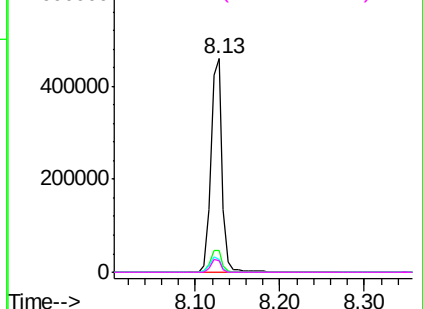
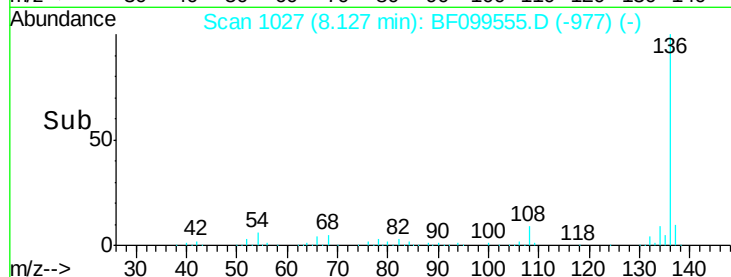
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099555.D
Acq: 16 Oct 2017 20:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	431416
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.9 13.3
54	6.2	6.6 9.8#
68	5.4	5.0 7.4

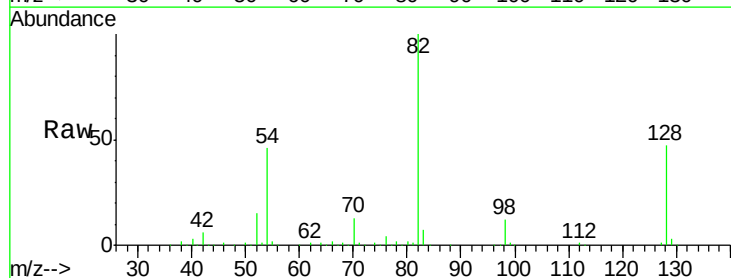


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

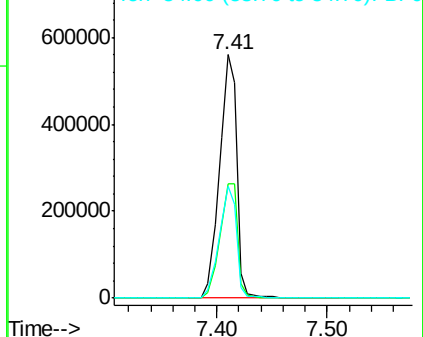
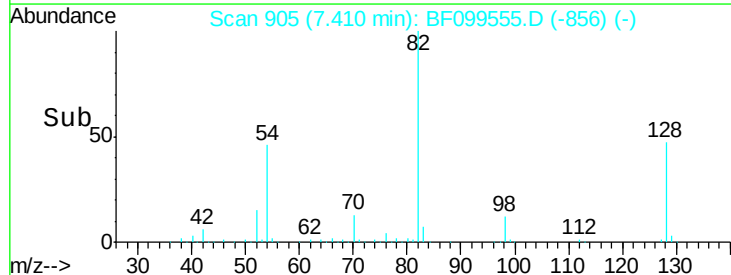


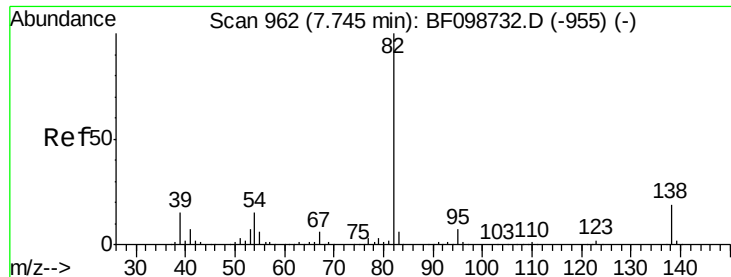
#23
Nitrobenzene-d5
Concen: 90.69 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099555.D
Acq: 16 Oct 2017 20:27

Tgt Ion: 82	Resp:	610105
Ion Ratio	Lower	Upper
82	100	
128	47.0	36.1 54.1
54	45.9	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: 43.87 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF099555.D

Acq: 16 Oct 2017 20:27

Instrument :

BNA_F

ClientSampleId :

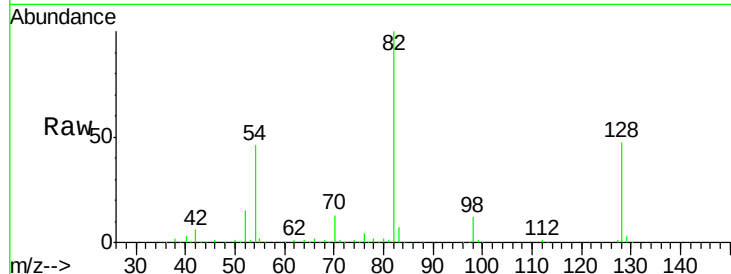
Tot Ion: 82 Resp: 610098

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

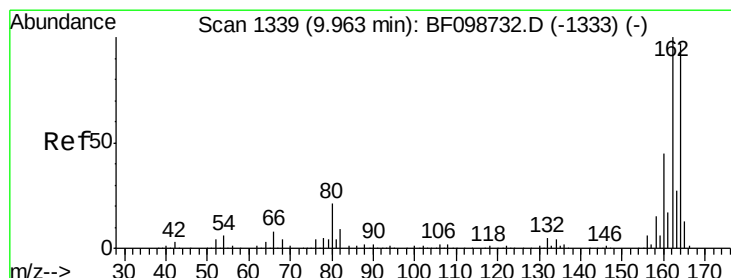
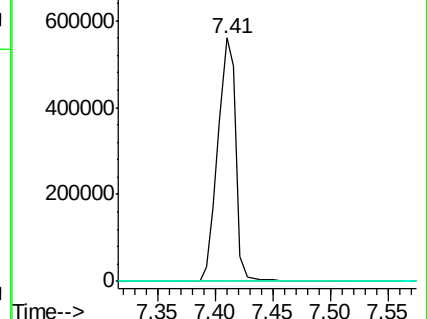
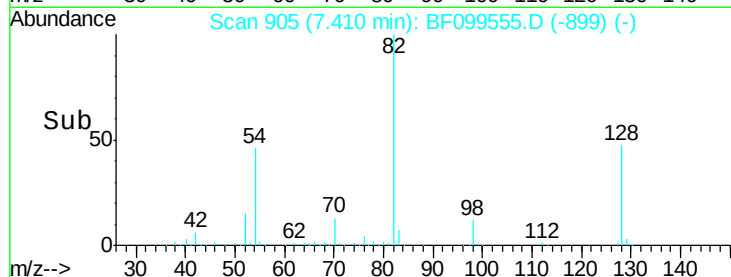
138 0.0 14.9 22.3#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099555.D

Acq: 16 Oct 2017 20:27

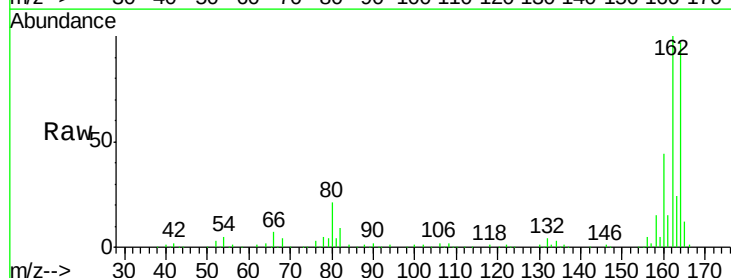
Tgt Ion: 164 Resp: 192243

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

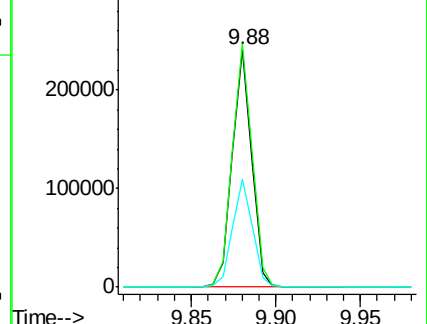
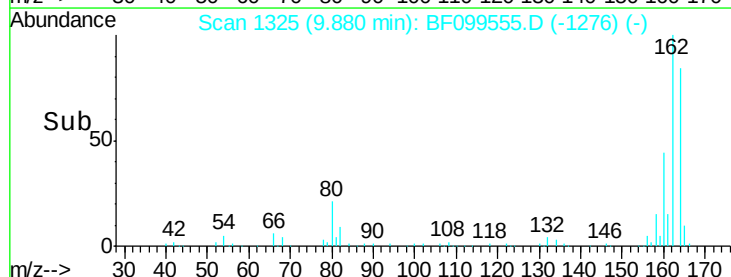
160 45.4 38.3 57.5

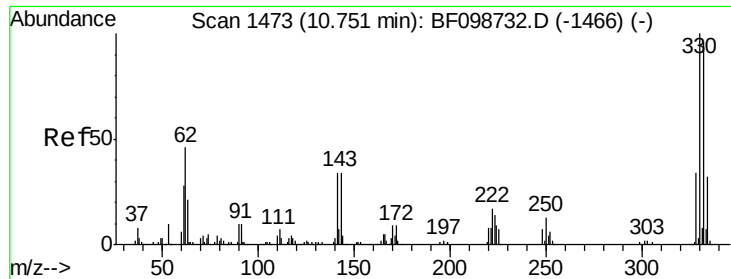


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

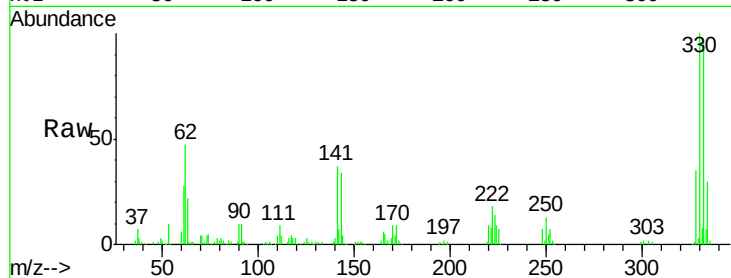




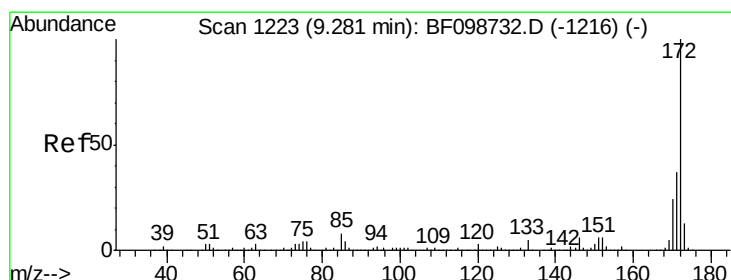
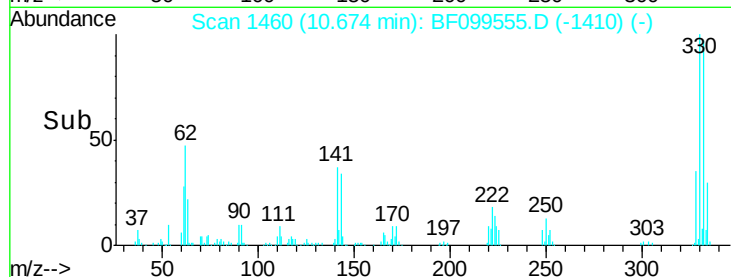
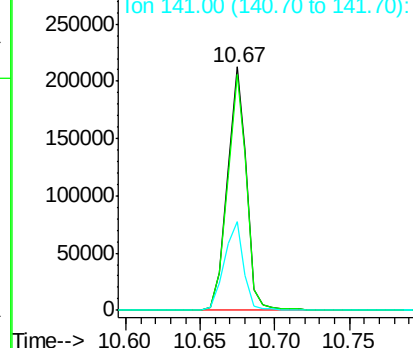
#41
 2,4,6-Tribromophenol
 Concen: 122.61 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099555.D
 Acq: 16 Oct 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 192877
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 37.2 29.9 44.9

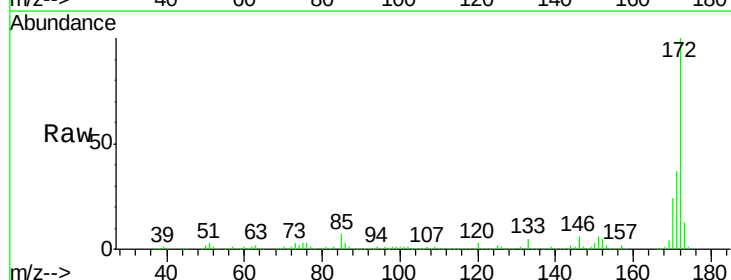


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

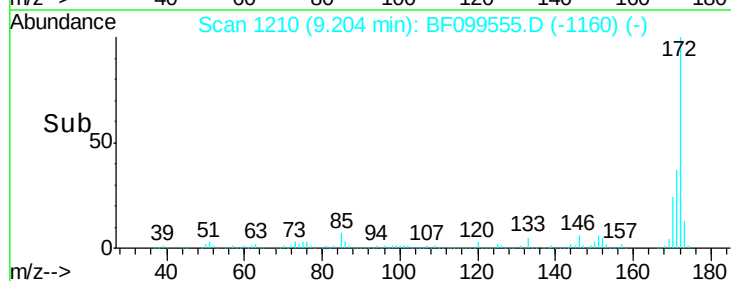
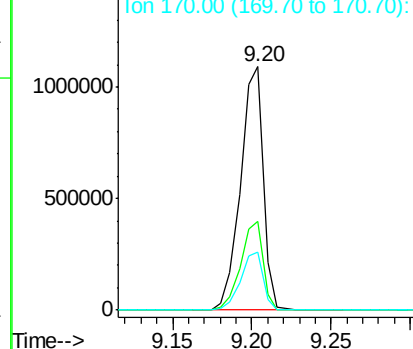


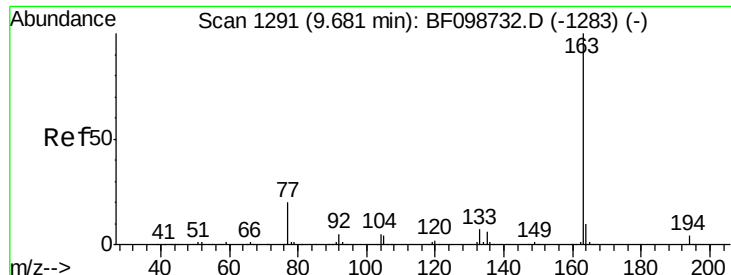
#44
 2-Fluorobiphenyl
 Concen: 93.90 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099555.D
 Acq: 16 Oct 2017 20:27

Tgt Ion:172 Resp: 1081257
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.1 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

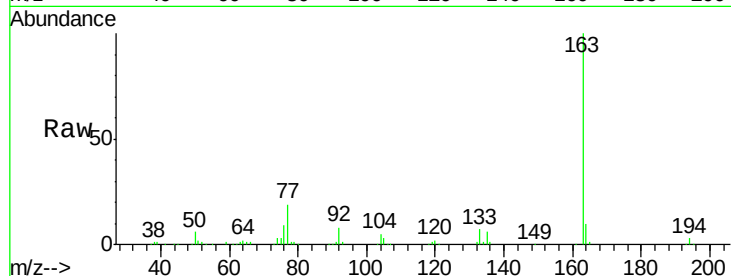




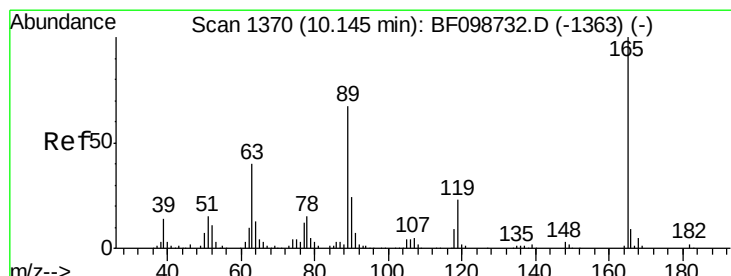
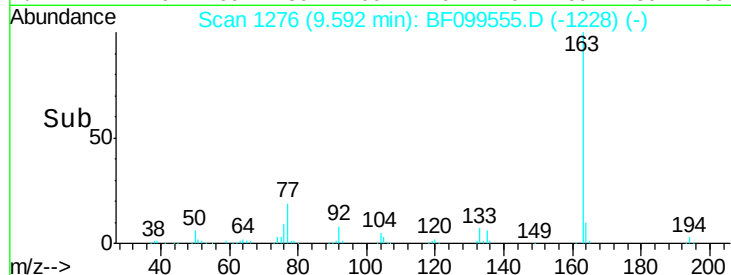
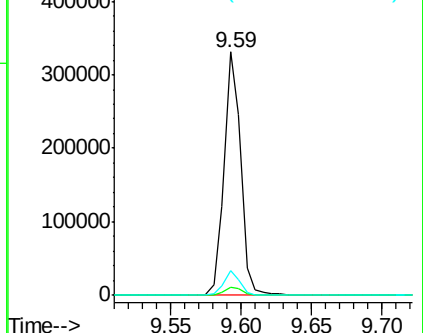
#49
Dimethylphthalate
Concen: 18.71 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099555.D
Acq: 16 Oct 2017 20:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 271486
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.2 12.2

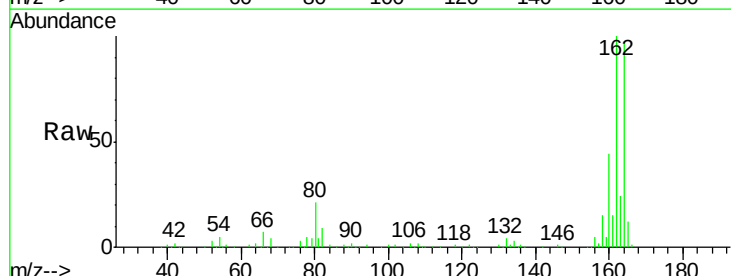


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

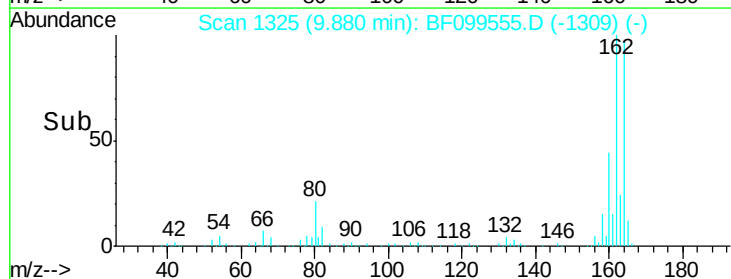
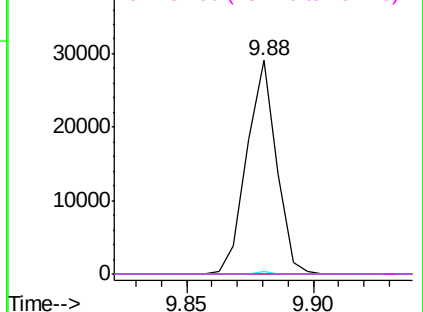


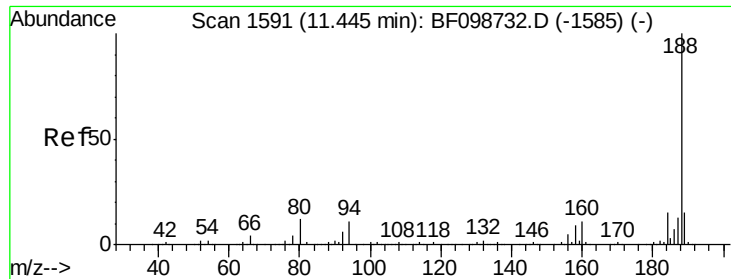
#56
2,4-Dinitrotoluene
Concen: 5.77 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099555.D
Acq: 16 Oct 2017 20:27

Tgt Ion:165 Resp: 23649
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.3 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

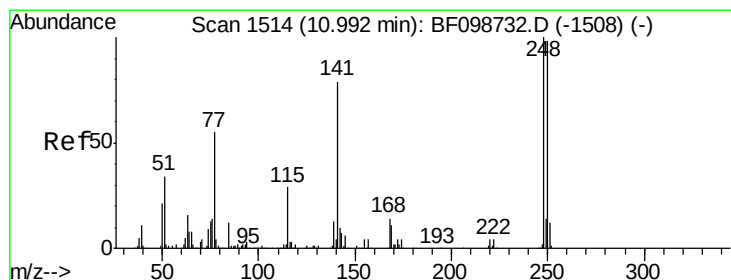
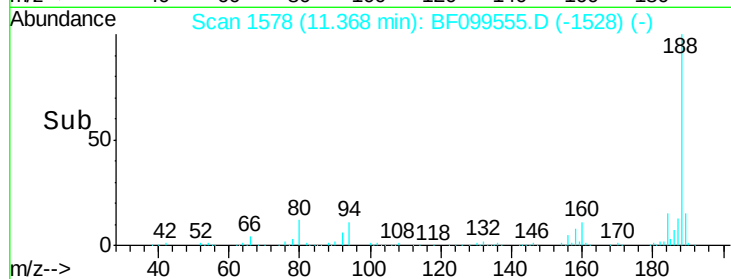
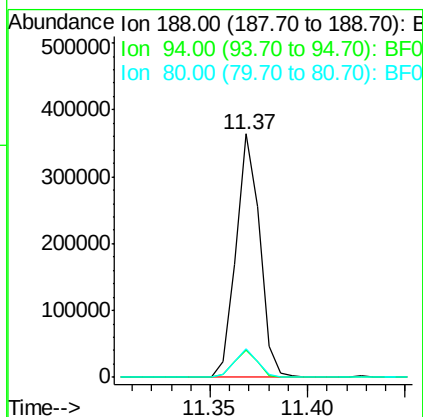
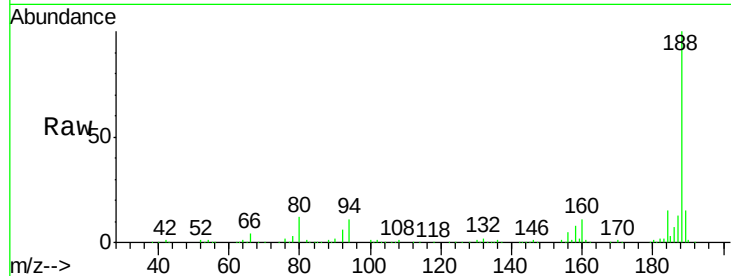




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099555.D
 Acq: 16 Oct 2017 20:27

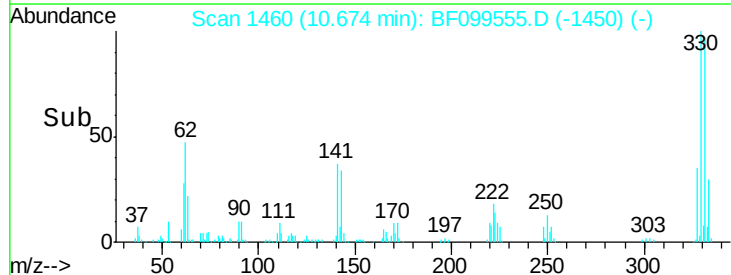
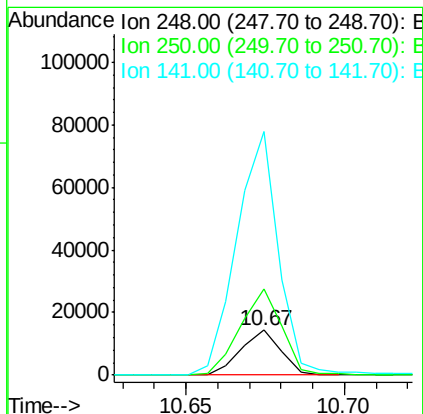
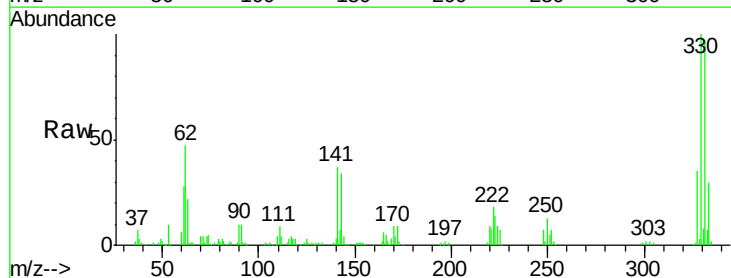
Instrument :
 BNA_F
 ClientSampleId :

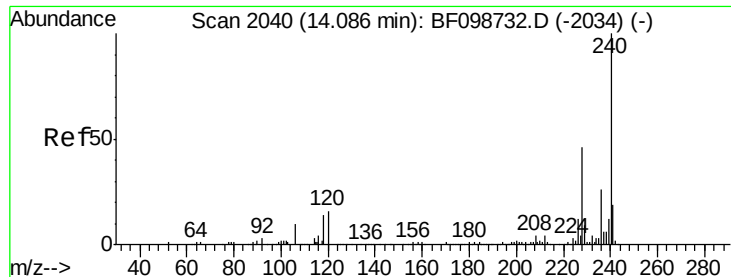
Tot Ion:188 Resp: 307714
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.9 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.16 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF099555.D
 Acq: 16 Oct 2017 20:27

Tgt Ion:248 Resp: 12526
 Ion Ratio Lower Upper
 248 100
 250 190.6 76.9 115.3#
 141 542.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF099555.D

Acq: 16 Oct 2017 20:27

Instrument :

BNA_F

ClientSampleId :

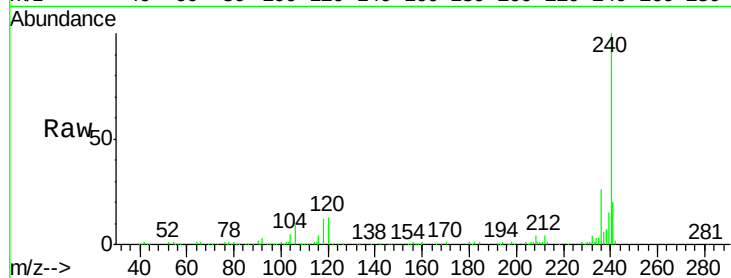
Tot Ion:240 Resp: 191027

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

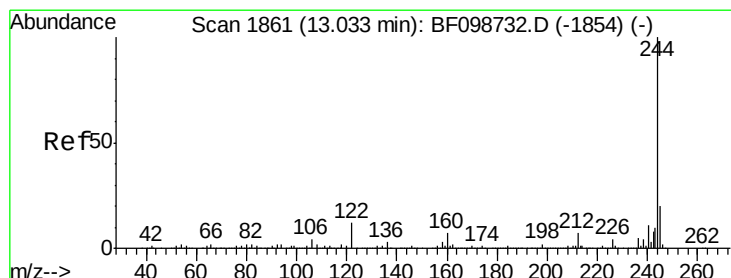
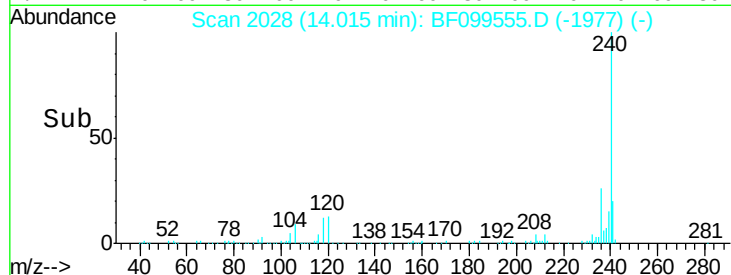
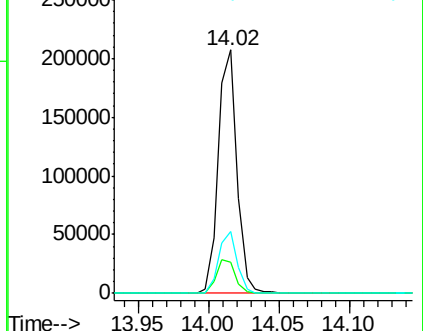
236 25.6 20.7 31.1



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: 89.21 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099555.D

Acq: 16 Oct 2017 20:27

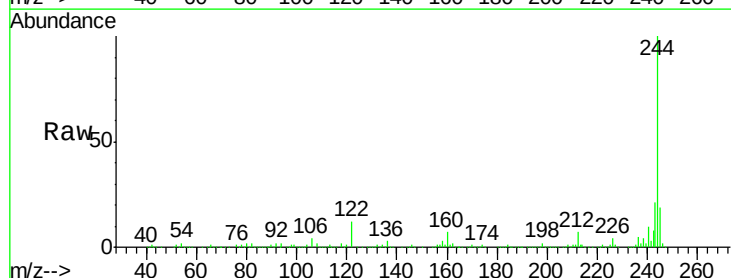
Tgt Ion:244 Resp: 749372

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

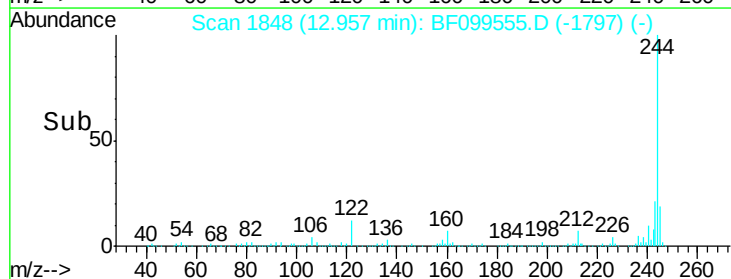
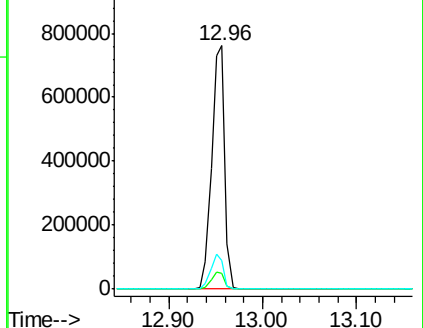
122 12.0 11.0 16.4

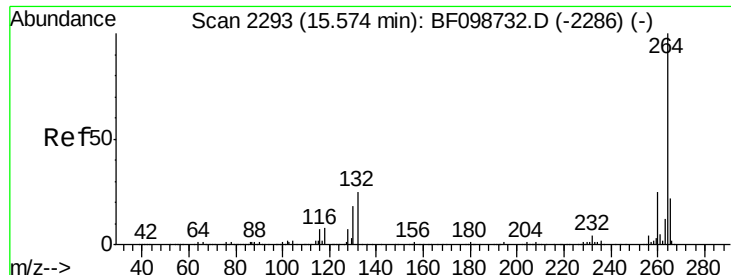


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

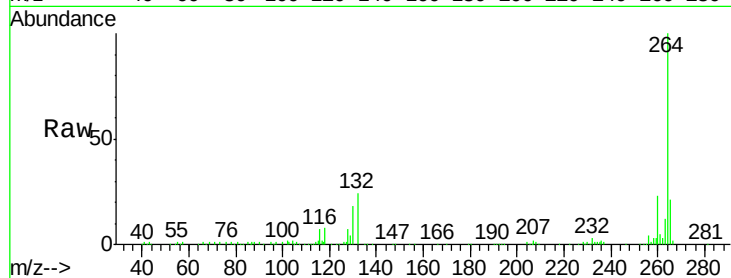




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099555.D
 Acq: 16 Oct 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.0	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

