

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099388.D
 Acq On : 12 Oct 2017 11:46
 Operator : SJ/JU
 Sample : I5765-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 16:21:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 16:21:36 2017
 Response via : Initial Calibration

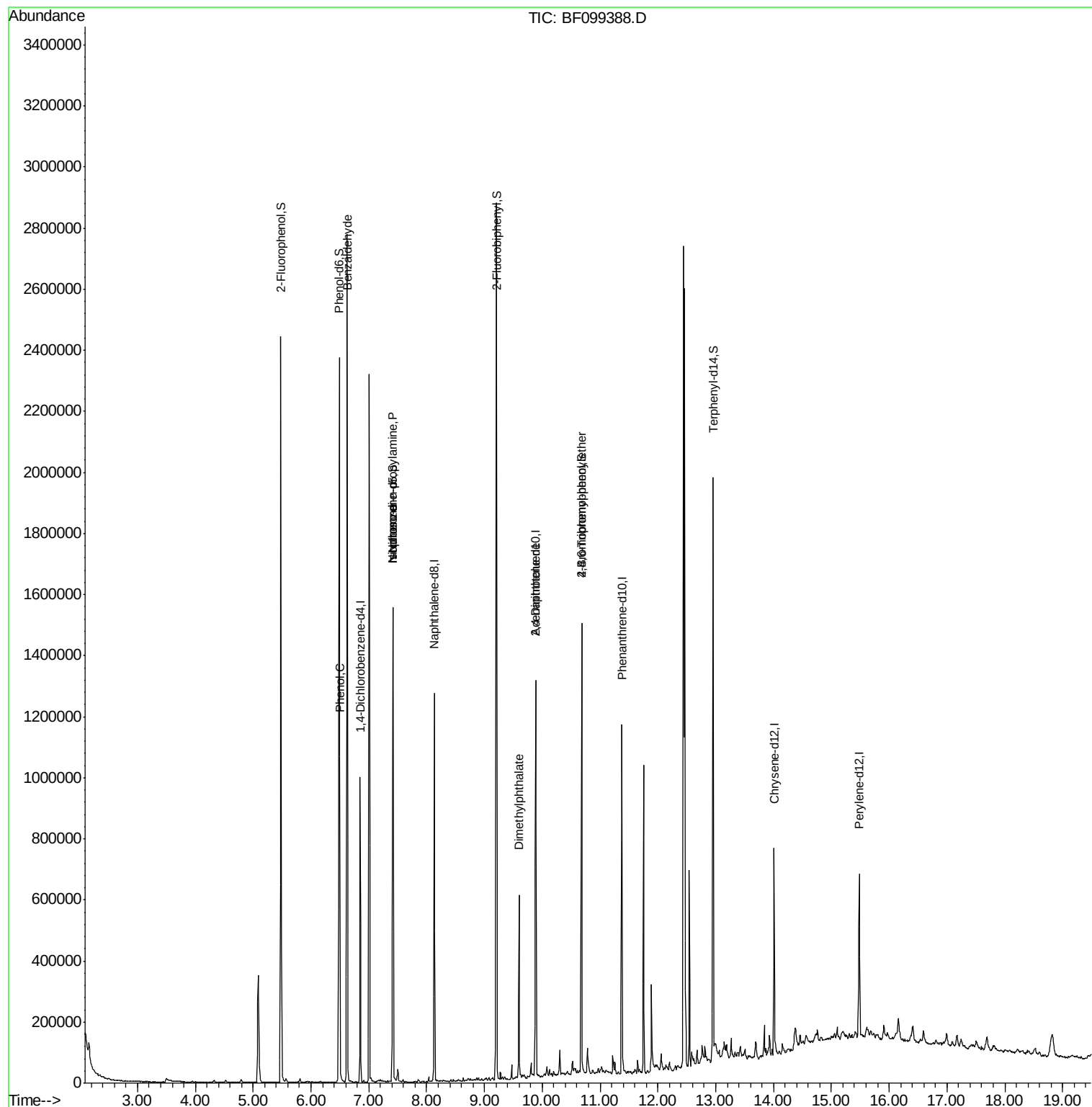
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	137722	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	560930	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	244404	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	377713	20.00	ng	0.00
75) Chrysene-d12	14.01	240	225451	20.00	ng	0.00
86) Perylene-d12	15.48	264	231418	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	842315	97.36	ng	0.00
7) Phenol-d6	6.49	99	998511	93.56	ng	0.00
23) Nitrobenzene-d5	7.42	82	608935	69.62	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	184426	92.22	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	996362	68.06	ng	0.00
78) Terphenyl-d14	12.96	244	593550	59.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	17080	2.759	ng	91
10) Phenol	6.50	94	32978	2.763	ng	95
19) n-Nitroso-di-n-propylamine	7.42	70	78815	11.567	ng	# 74
25) Isophorone	7.42	82	608928	33.672	ng	# 64
49) Dimethylphthalate	9.60	163	219591	11.904	ng	100
56) 2,4-Dinitrotoluene	9.89	165	30797	5.909	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	12003	3.247	ng	# 1

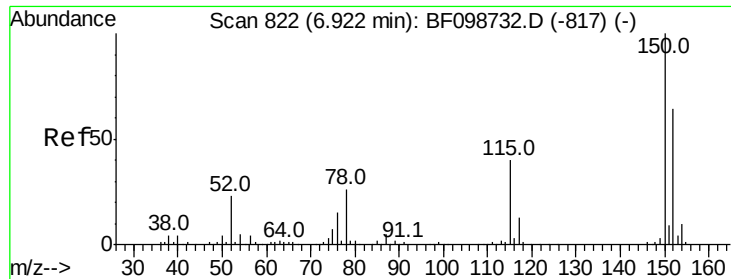
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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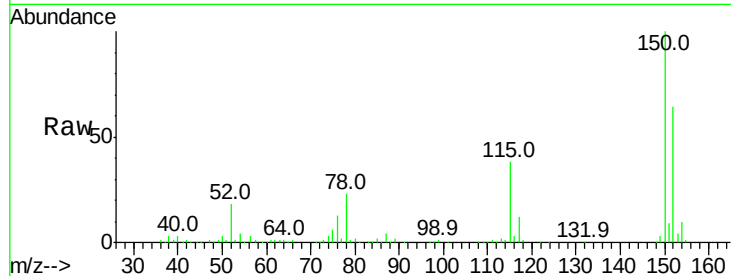


#1

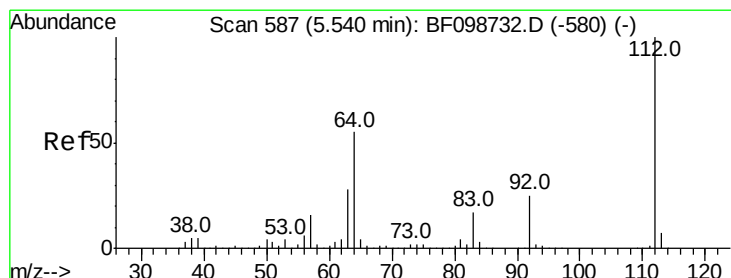
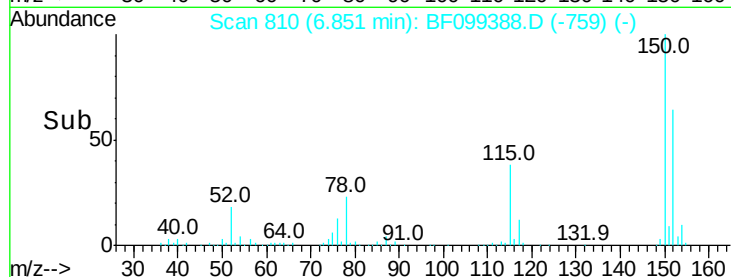
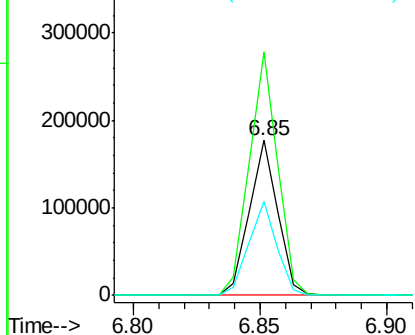
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099388.D
 Acq: 12 Oct 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 137722
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 60.3 50.1 75.1



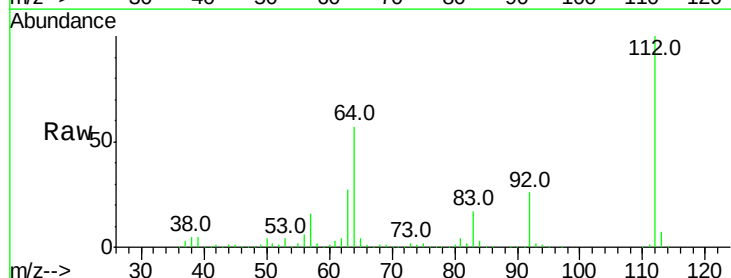
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



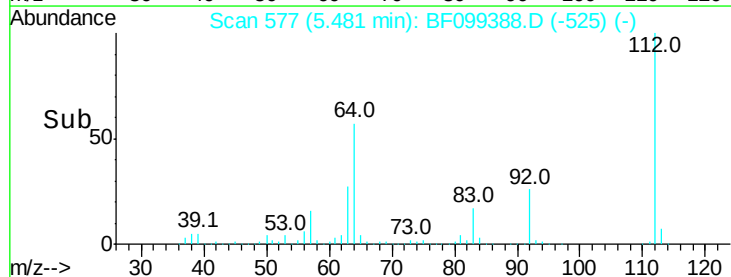
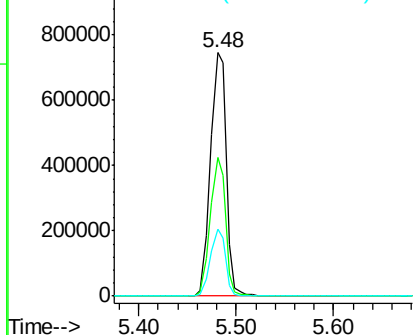
#5

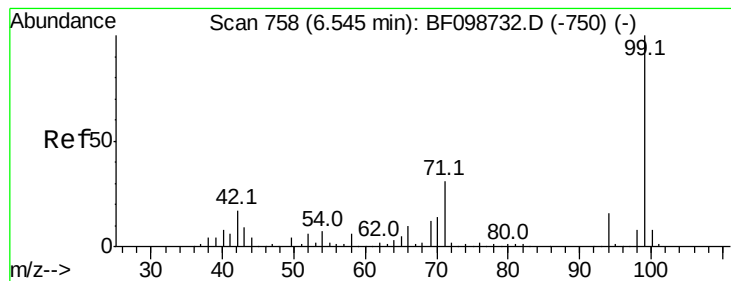
2-Fluorophenol
 Concen: 97.361 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF099388.D
 Acq: 12 Oct 2017 11:46

Tgt Ion:112 Resp: 842315
 Ion Ratio Lower Upper
 112 100
 64 56.8 47.9 71.9
 63 27.5 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: 93.559 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099388.D

Acq: 12 Oct 2017 11:46

Instrument :

BNA_F

ClientSampled :

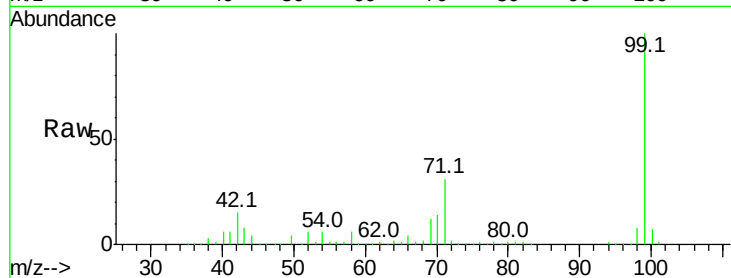
Tot Ion: 99 Resp: 998511

Ion Ratio Lower Upper

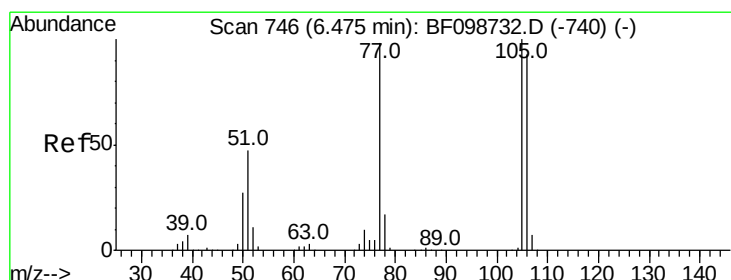
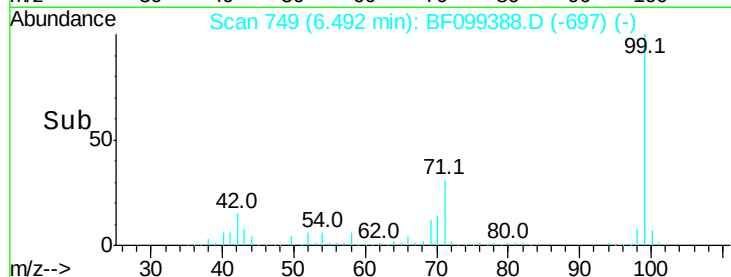
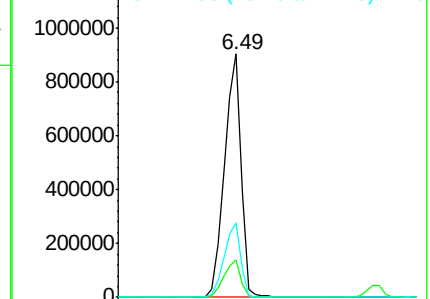
99 100

42 15.4 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: 2.759 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099388.D

Acq: 12 Oct 2017 11:46

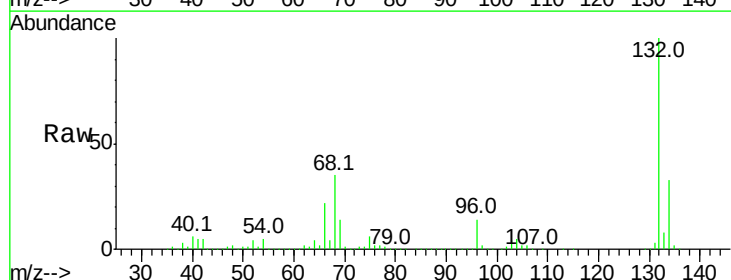
Tgt Ion: 77 Resp: 17080

Ion Ratio Lower Upper

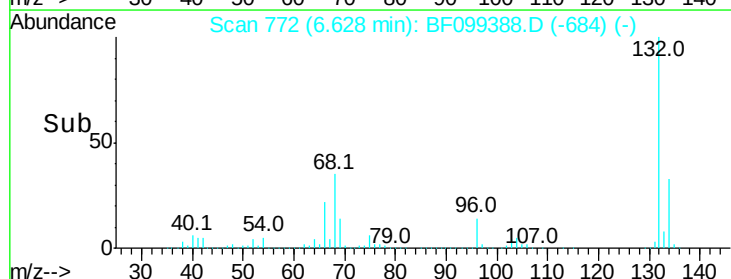
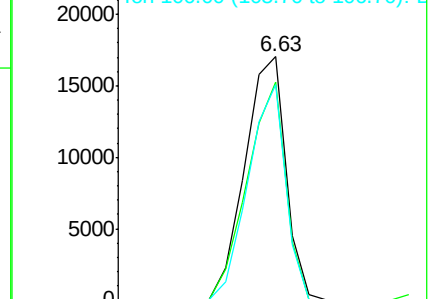
77 100

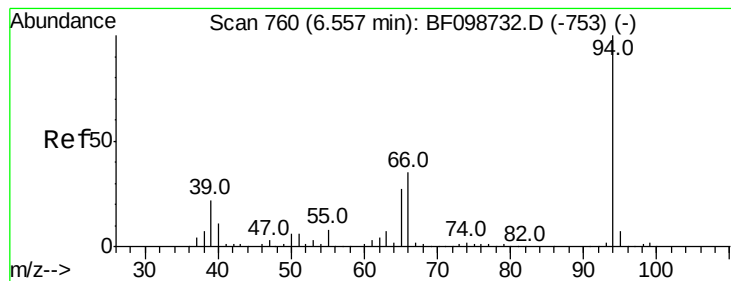
105 89.3 81.1 121.1

106 88.3 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: 2.763 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF099388.D

Acq: 12 Oct 2017 11:46

Instrument :

BNA_F

ClientSampled :

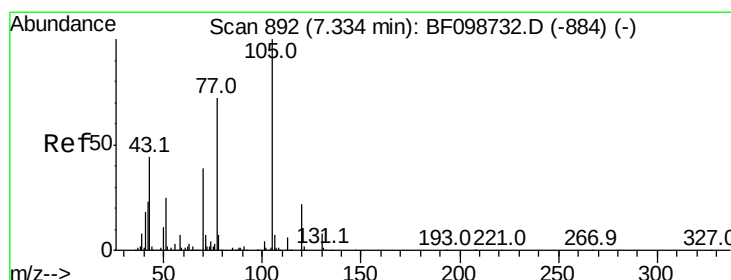
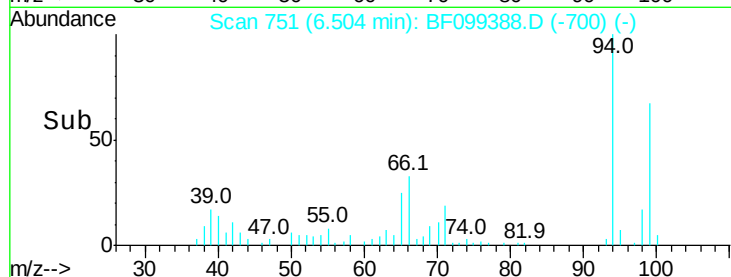
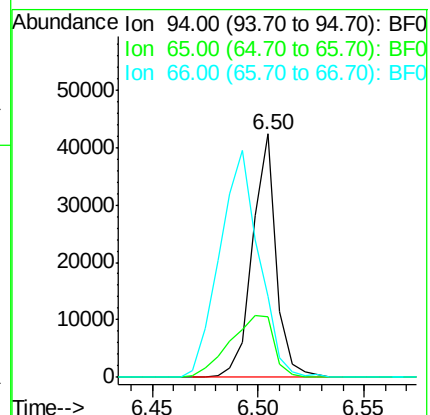
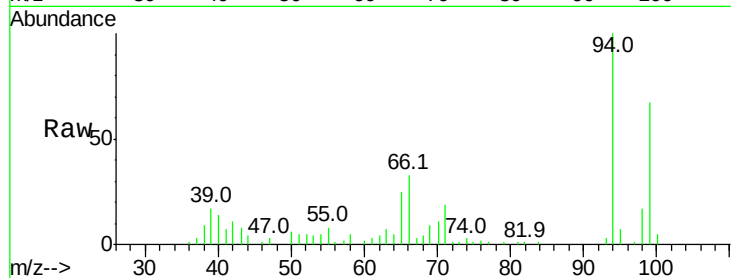
Tot Ion: 94 Resp: 32978

Ion Ratio Lower Upper

94 100

65 24.7 7.9 47.9

66 33.5 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.567 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF099388.D

Acq: 12 Oct 2017 11:46

Tgt Ion: 70 Resp: 78815

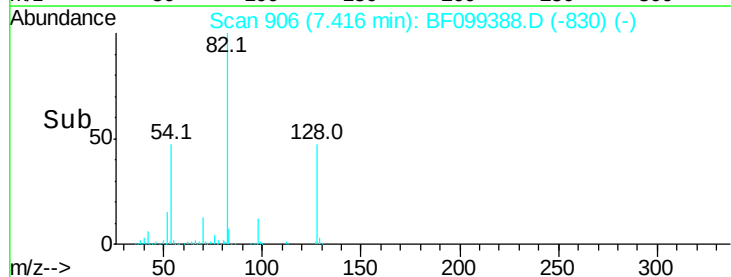
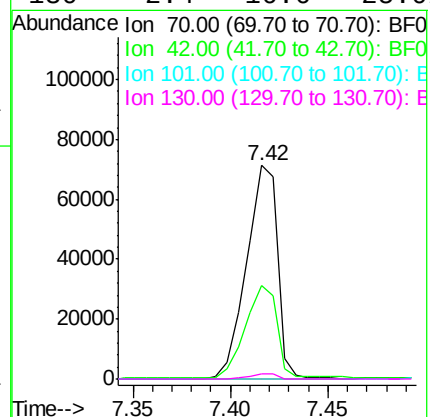
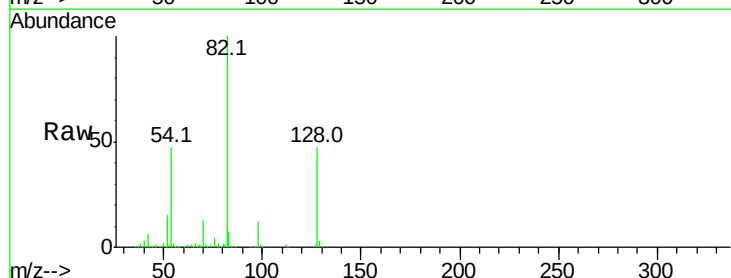
Ion Ratio Lower Upper

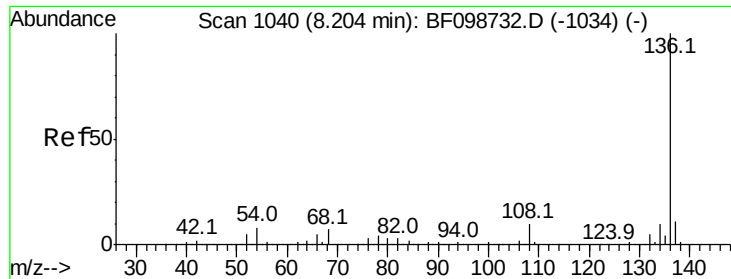
70 100

42 43.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

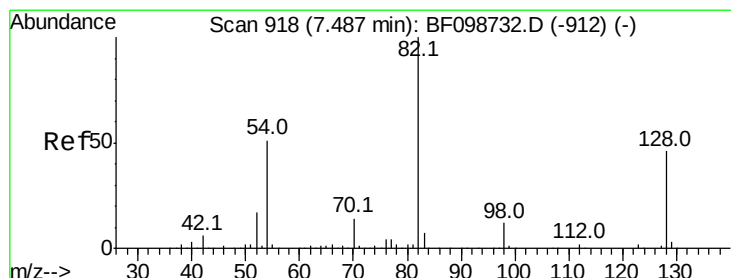
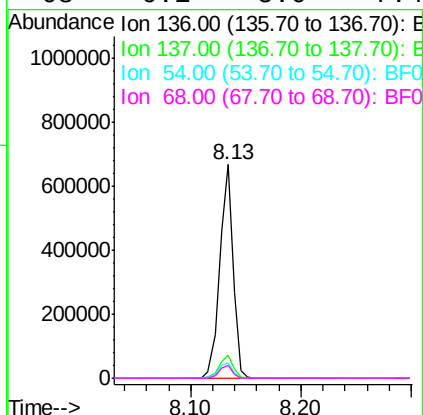
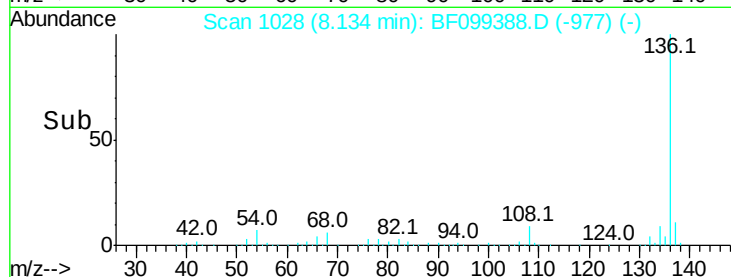
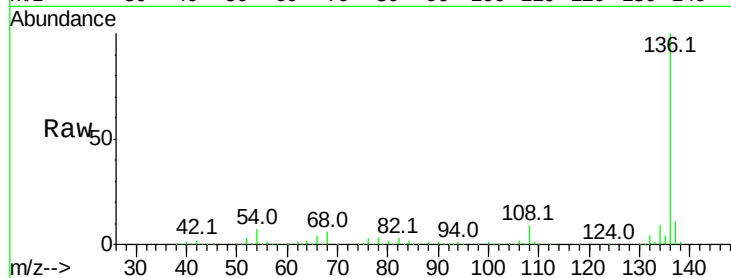




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099388.D
Acq: 12 Oct 2017 11:46

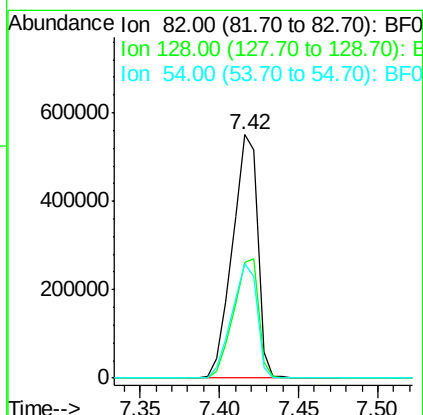
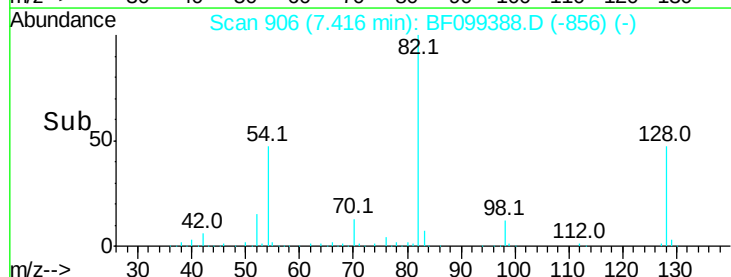
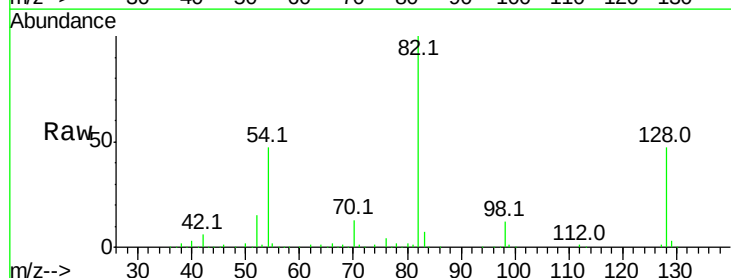
Instrument :
BNA_F
ClientSampleId :

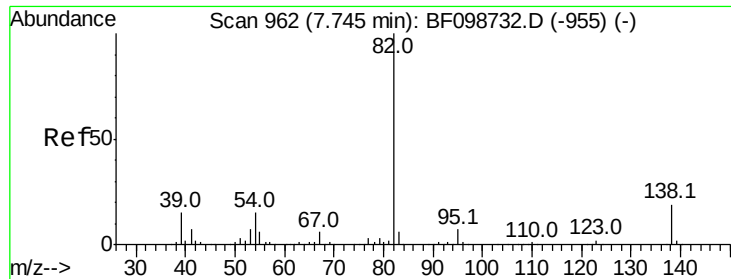
Tot Ion:	136	Resp:	560930
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	6.6	9.8
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 69.618 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099388.D
Acq: 12 Oct 2017 11:46

Tgt Ion:	82	Resp:	608935
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	46.7	41.4	62.2





#25

Isophorone

Concen: 33.672 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099388.D

Acq: 12 Oct 2017 11:46

Instrument :

BNA_F

ClientSampleId :

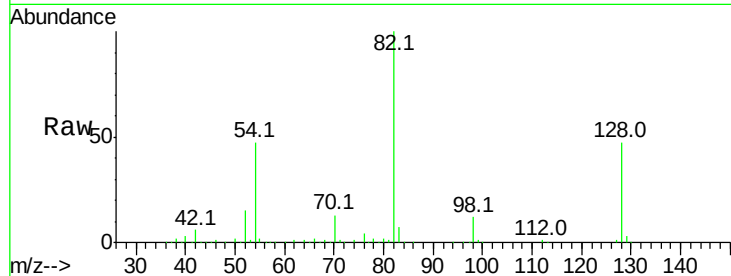
Tot Ion: 82 Resp: 608928

Ion Ratio Lower Upper

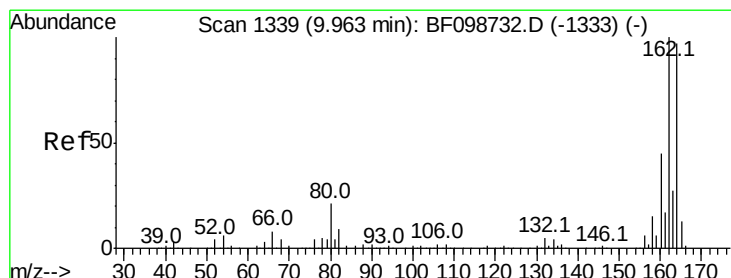
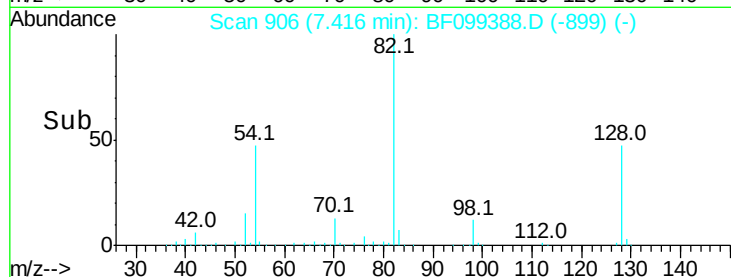
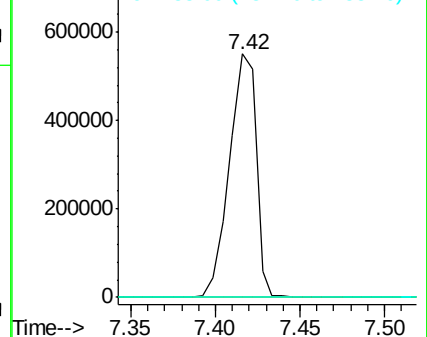
82 100

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: BF099388.D

Acq: 12 Oct 2017 11:46

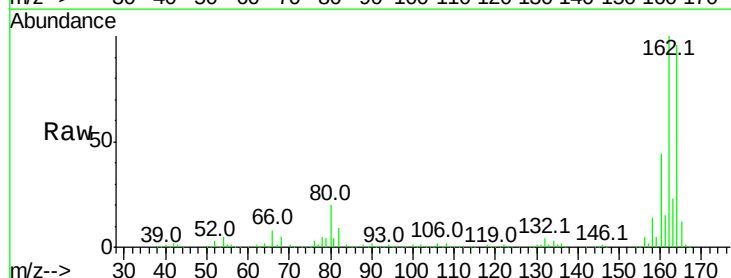
Tgt Ion:164 Resp: 244404

Ion Ratio Lower Upper

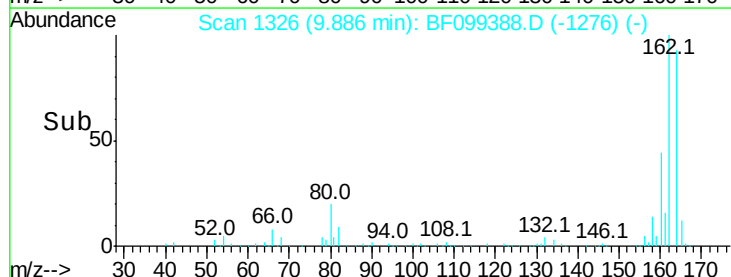
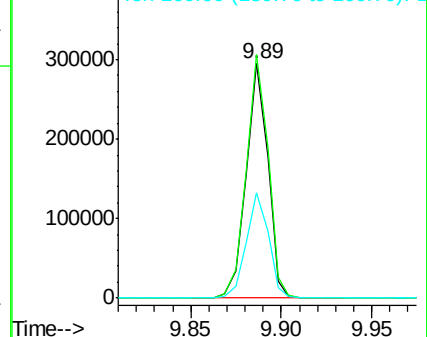
164 100

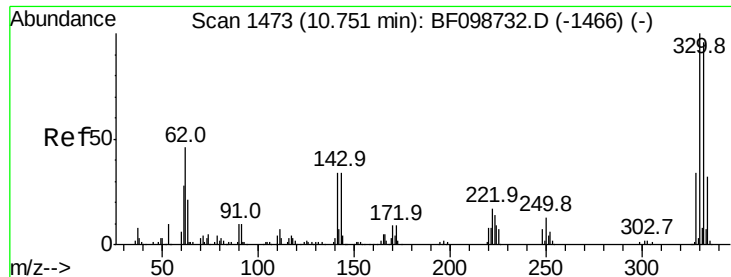
162 104.0 86.1 129.1

160 45.3 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

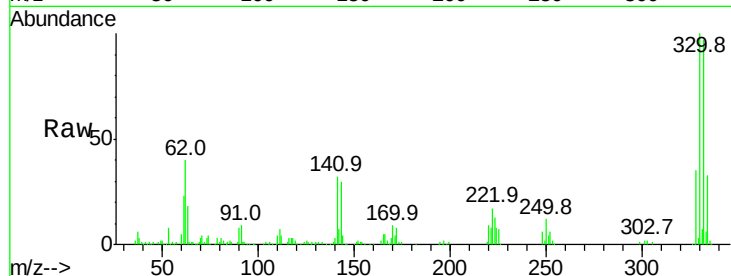




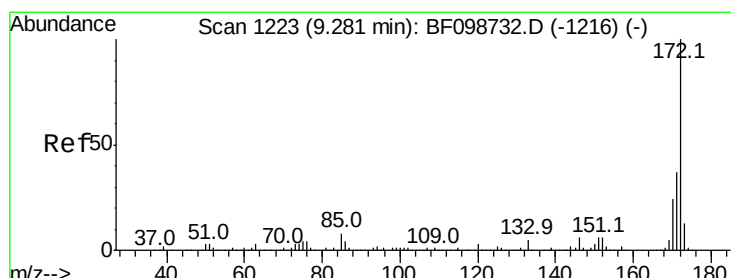
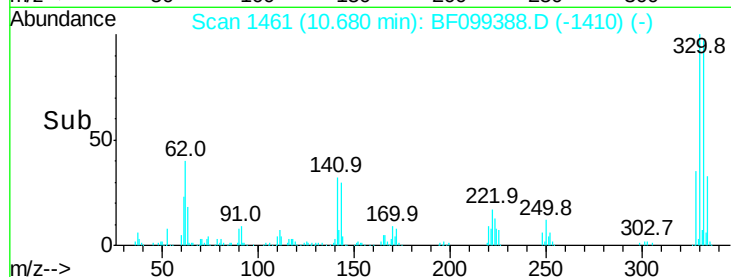
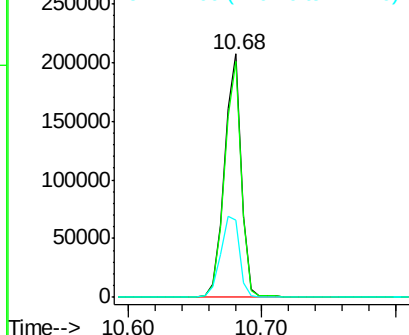
#41
 2,4,6-Tribromophenol
 Concen: 92.218 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099388.D
 Acq: 12 Oct 2017 11:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 184426
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 38.2 29.9 44.9

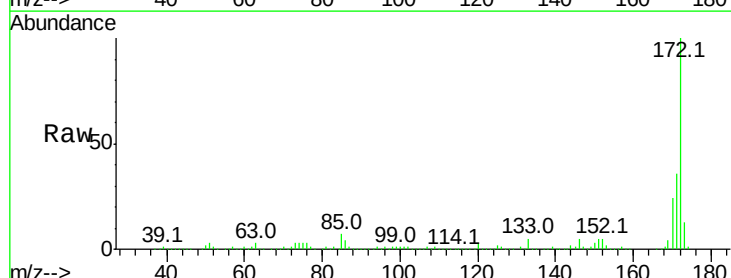


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

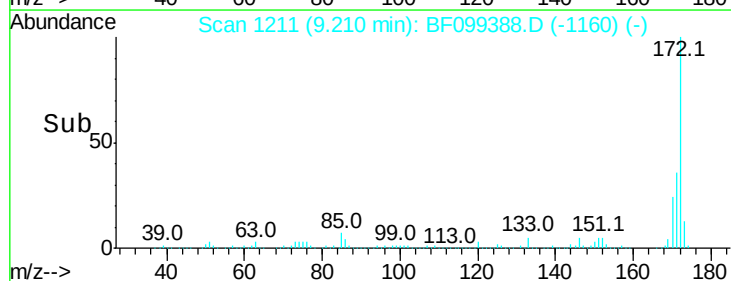
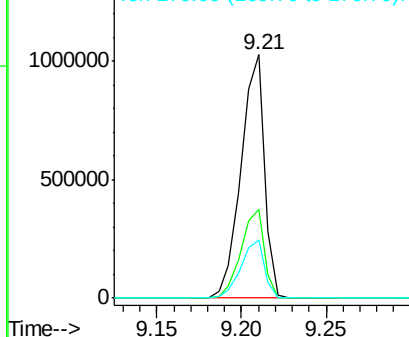


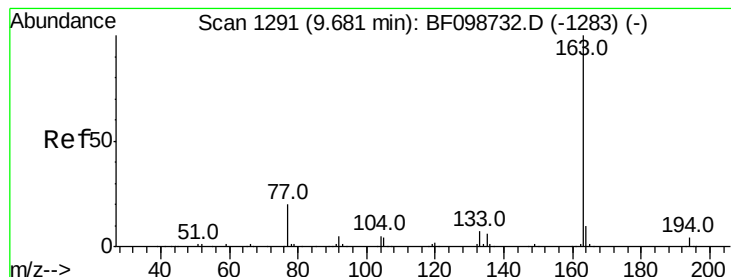
#44
 2-Fluorobiphenyl
 Concen: 68.057 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099388.D
 Acq: 12 Oct 2017 11:46

Tgt Ion:172 Resp: 996362
 Ion Ratio Lower Upper
 172 100
 171 36.3 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: 11.904 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF099388.D

Acq: 12 Oct 2017 11:46

Instrument :

BNA_F

ClientSampleId :

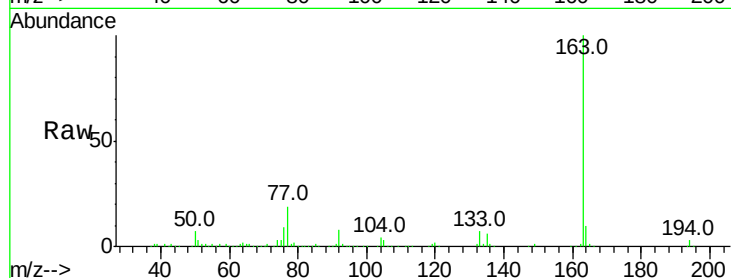
Tot Ion:163 Resp: 219591

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

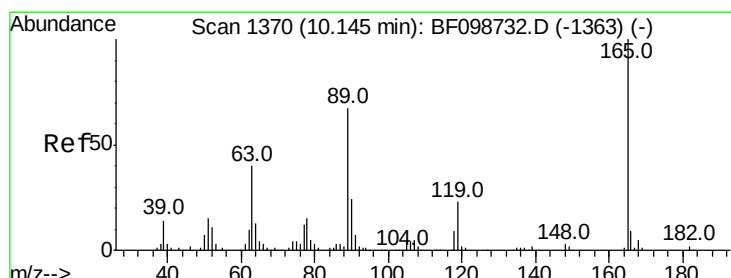
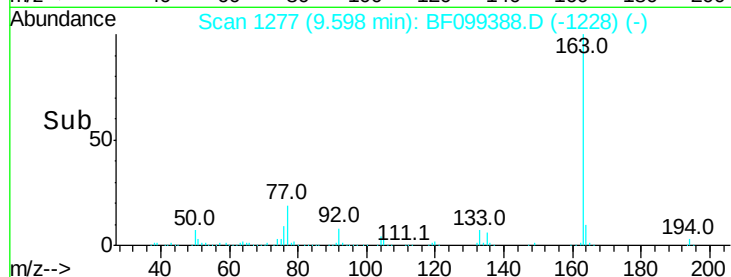
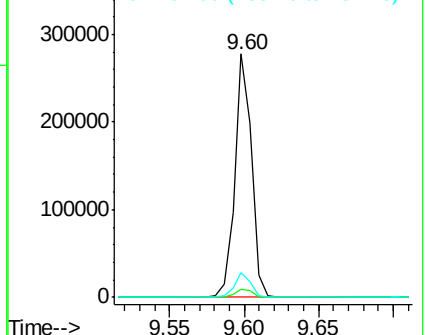
164 10.2 8.2 12.2



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: 5.909 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.20 min

Lab File: BF099388.D

Acq: 12 Oct 2017 11:46

Tgt Ion:165 Resp: 30797

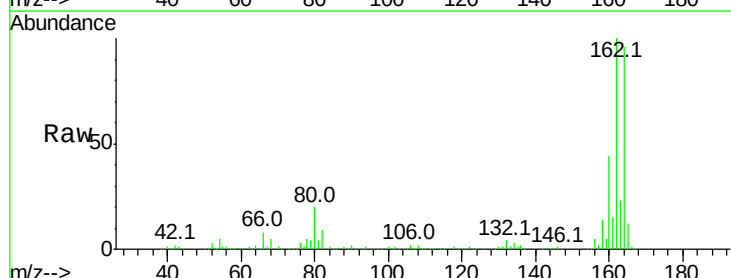
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

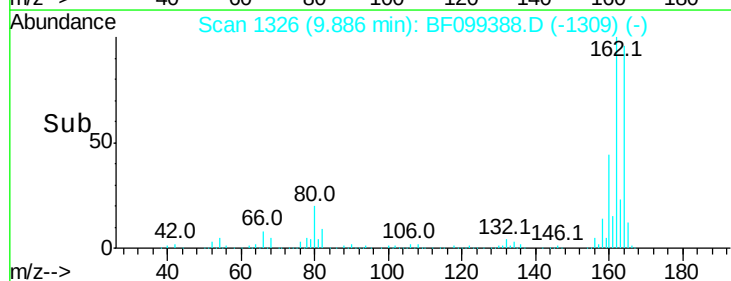
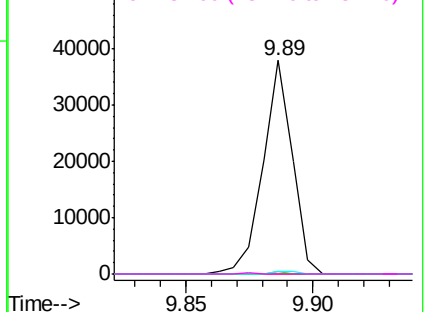


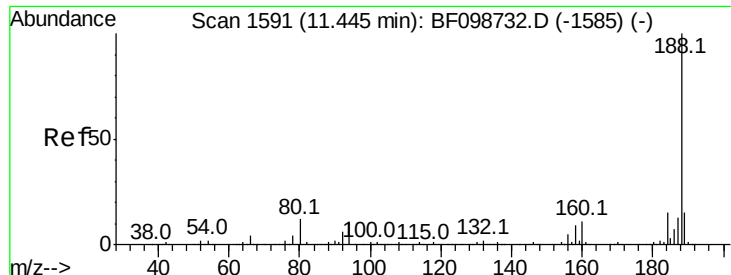
Abundance Ion 165.00 (164.70 to 165.70): E

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

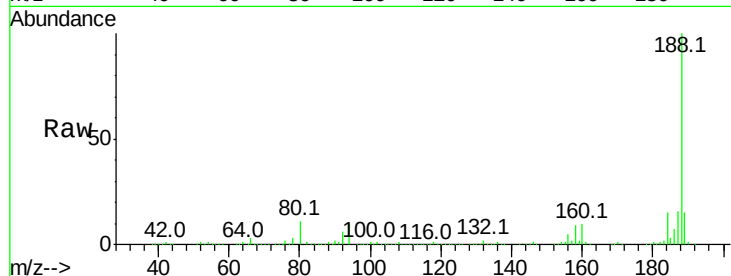




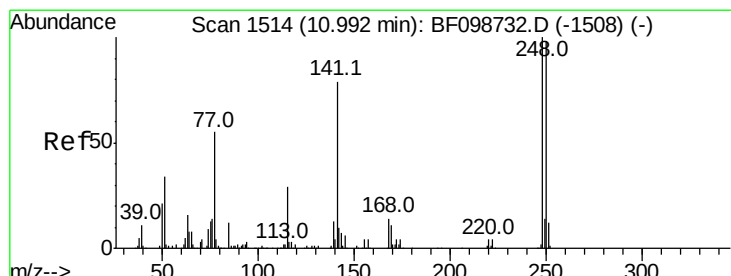
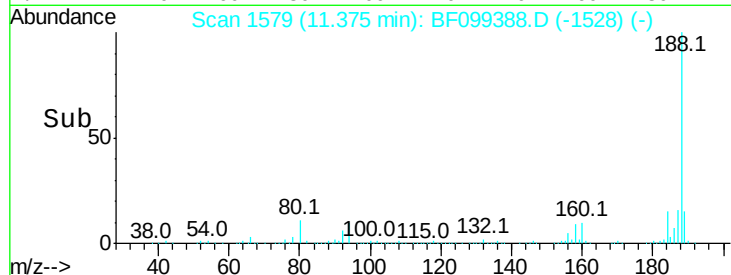
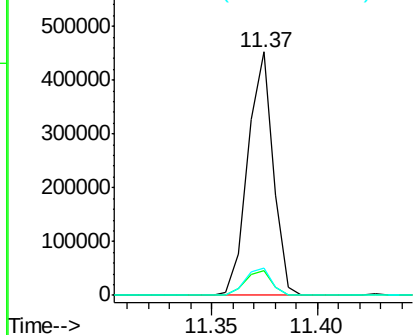
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099388.D
 Acq: 12 Oct 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 377713
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 11.3 9.2 13.8

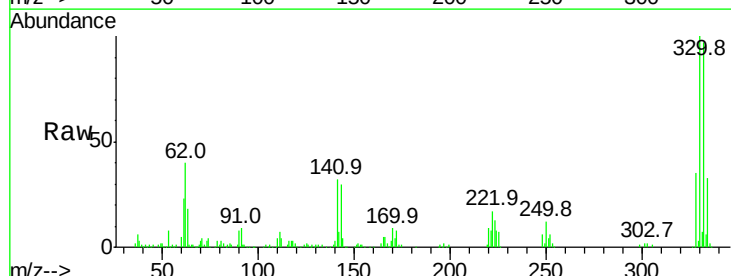


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

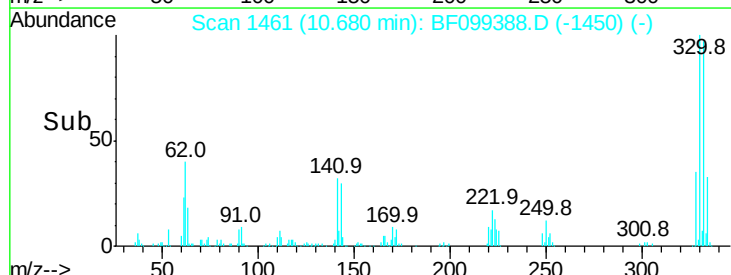
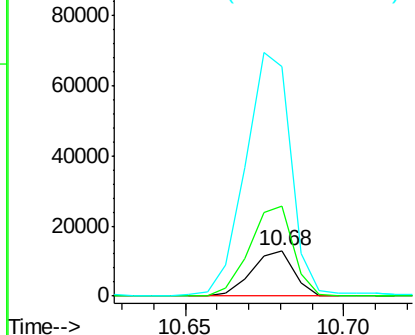


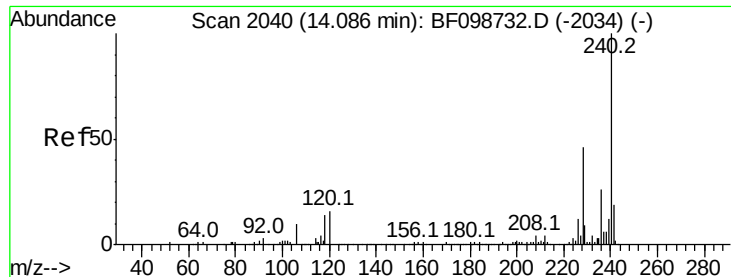
#66
 4-Bromophenyl-phenylether
 Concen: 3.247 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099388.D
 Acq: 12 Oct 2017 11:46

Tgt Ion:248 Resp: 12003
 Ion Ratio Lower Upper
 248 100
 250 198.0 76.9 115.3#
 141 504.6 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: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099388.D

Acq: 12 Oct 2017 11:46

Instrument :

BNA_F

ClientSampleId :

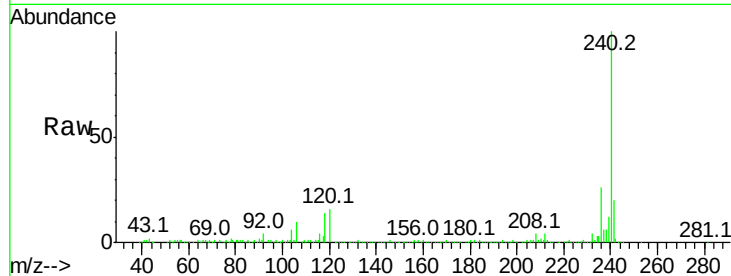
Tot Ion:240 Resp: 225451

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

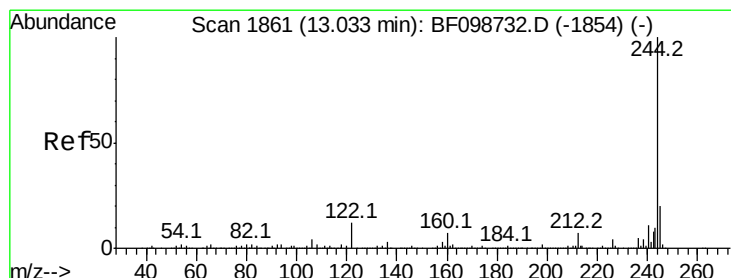
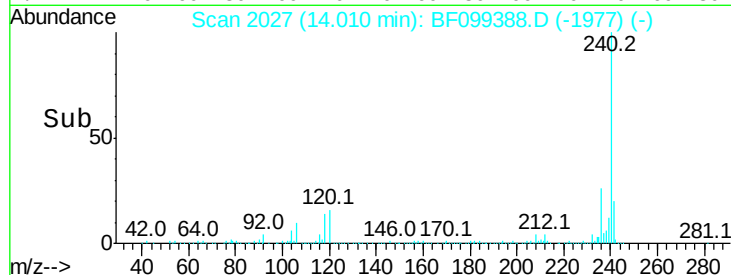
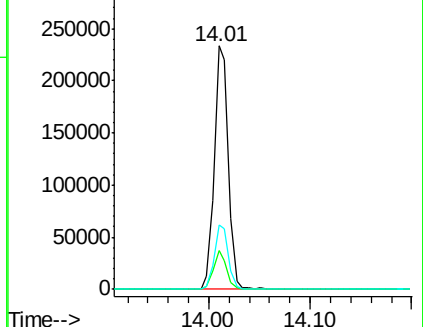
236 26.3 20.7 31.1



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: 59.873 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099388.D

Acq: 12 Oct 2017 11:46

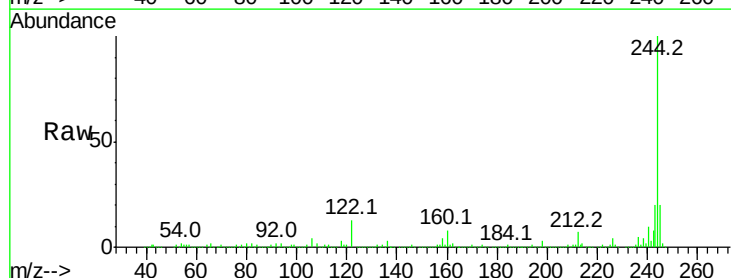
Tgt Ion:244 Resp: 593550

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

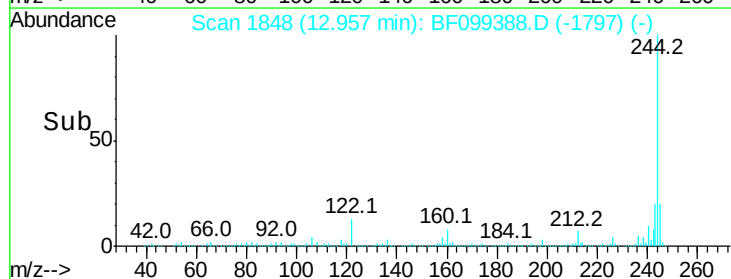
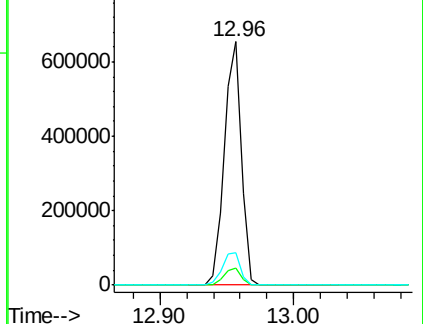
122 13.4 11.0 16.4

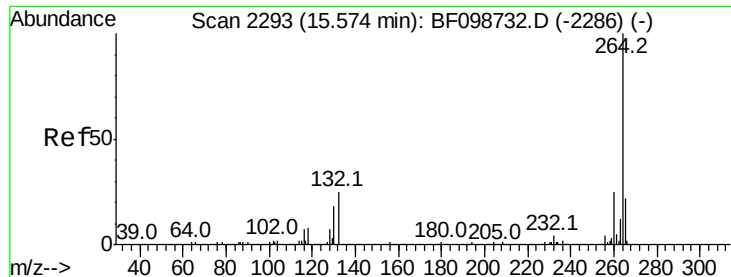


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

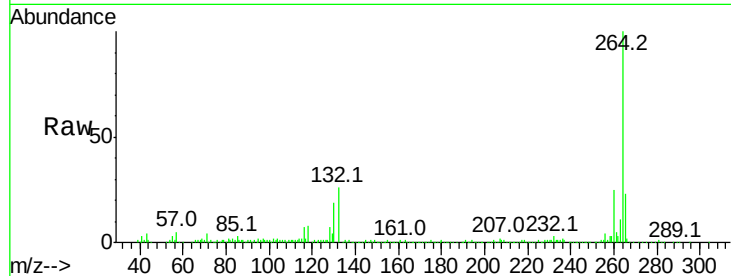




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BF099388.D
Acq: 12 Oct 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.7	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

