

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099562.D
 Acq On : 16 Oct 2017 23:40
 Operator : SJ/JU
 Sample : I5782-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 02:31:23 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

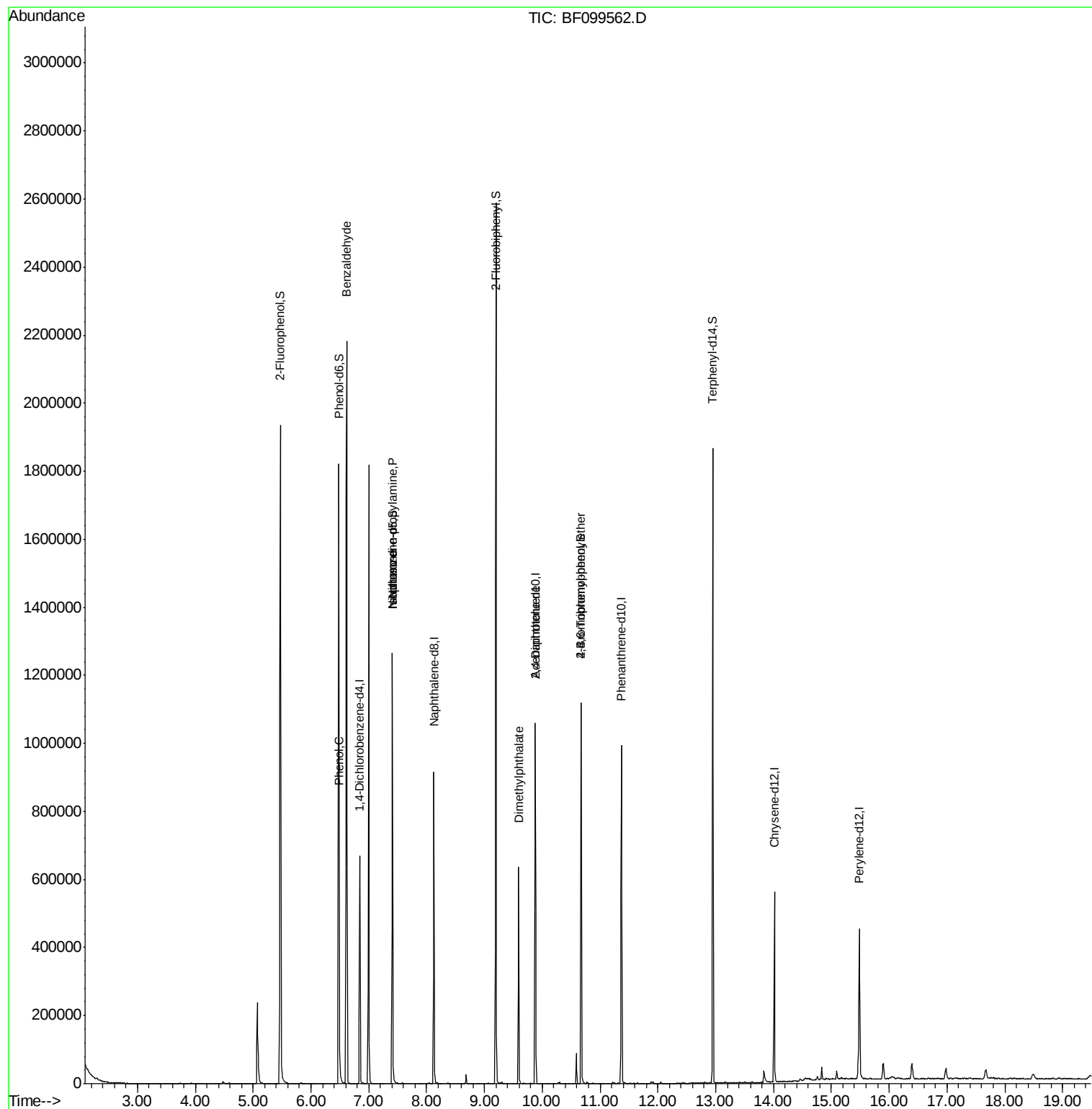
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	109249	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	446388	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	195658	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	329401	20.00	ng	0.00
75) Chrysene-d12	14.02	240	195938	20.00	ng	0.00
86) Perylene-d12	15.49	264	196651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	599116	87.30	ng	0.00
7) Phenol-d6	6.48	99	713301	84.25	ng	0.00
23) Nitrobenzene-d5	7.41	82	421067	60.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	138576	86.56	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	798778	68.15	ng	-0.01
78) Terphenyl-d14	12.95	244	562358	65.27	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	11171	2.27	ng	92
10) Phenol	6.49	94	48123	5.08	ng	93
19) n-Nitroso-di-n-propylamine	7.41	70	51905	9.60	ng	# 72
25) Isophorone	7.41	82	421064	29.26	ng	# 64
49) Dimethylphthalate	9.59	163	249689	16.91	ng	100
56) 2,4-Dinitrotoluene	9.88	165	25245	6.05	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	9522	2.95	ng	# 1

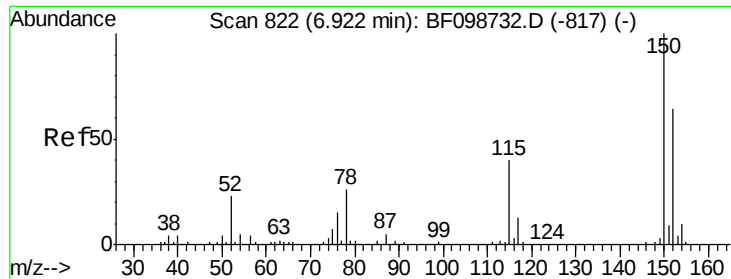
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF099562.D

Acq: 16 Oct 2017 23:40

Instrument :

BNA_F

ClientSampled :

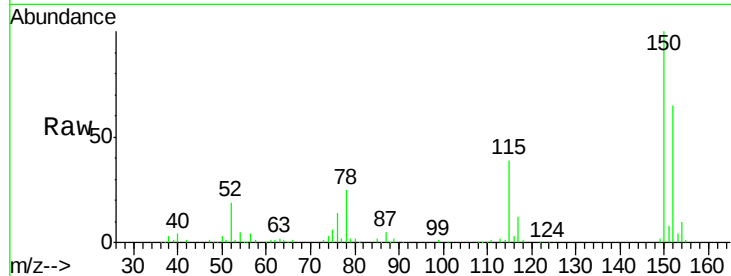
Tot Ion:152 Resp: 109249

Ion Ratio Lower Upper

152 100

150 154.4 124.6 186.8

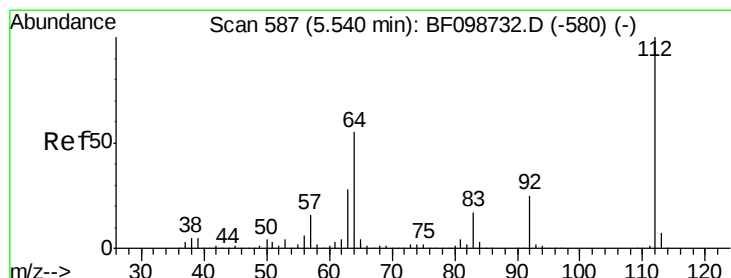
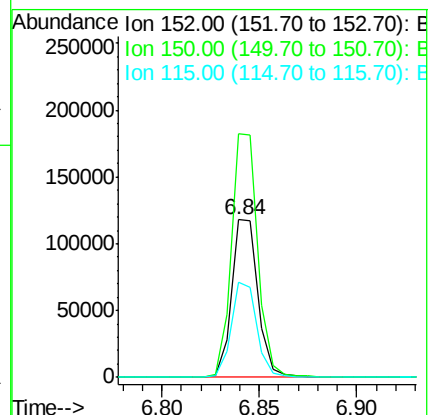
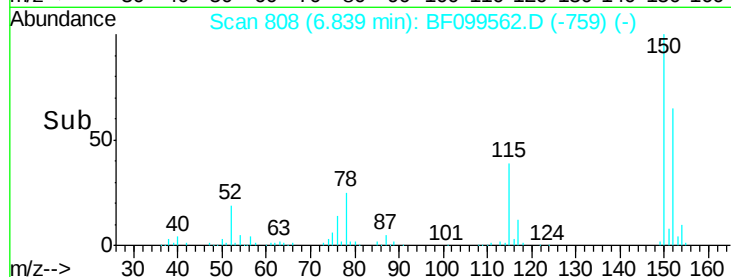
115 60.4 50.1 75.1



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: 87.30 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF099562.D

Acq: 16 Oct 2017 23:40

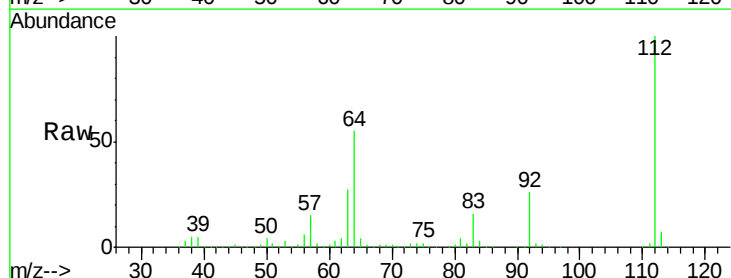
Tgt Ion:112 Resp: 599116

Ion Ratio Lower Upper

112 100

64 55.3 47.9 71.9

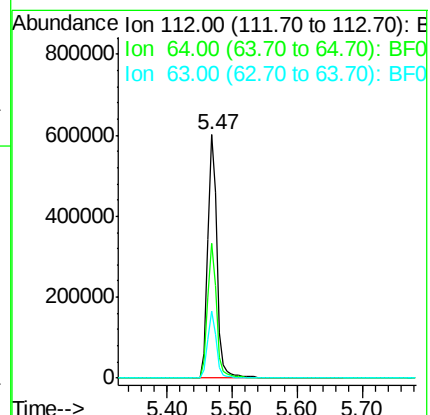
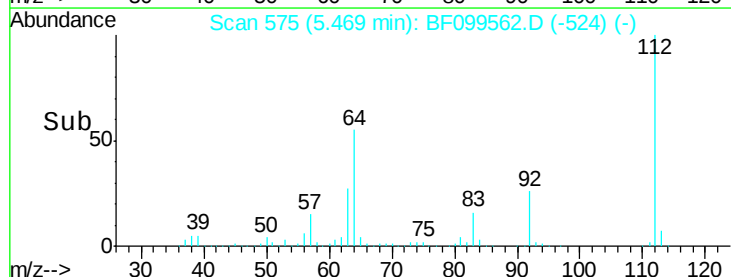
63 27.5 23.7 35.5

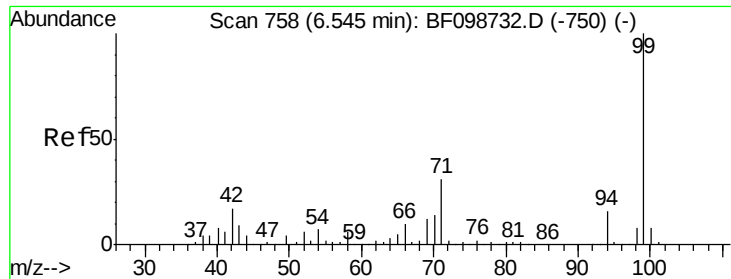


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 84.25 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099562.D

Acq: 16 Oct 2017 23:40

Instrument :

BNA_F

ClientSampleId :

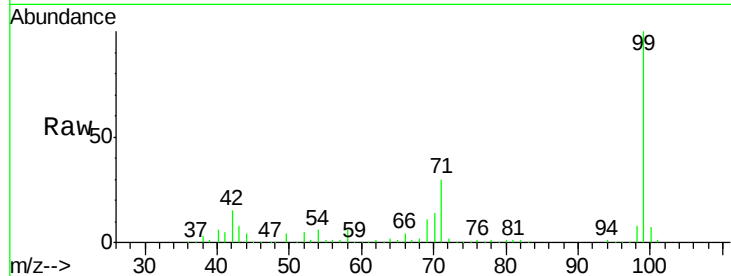
Tot Ion: 99 Resp: 713301

Ion Ratio Lower Upper

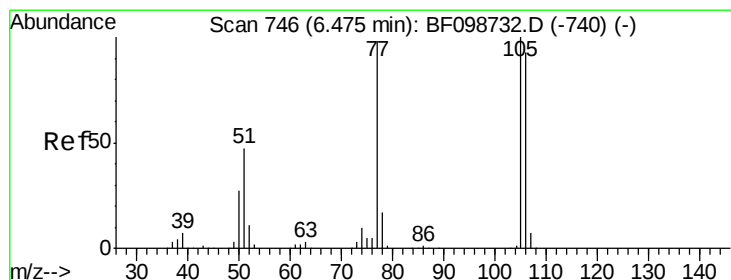
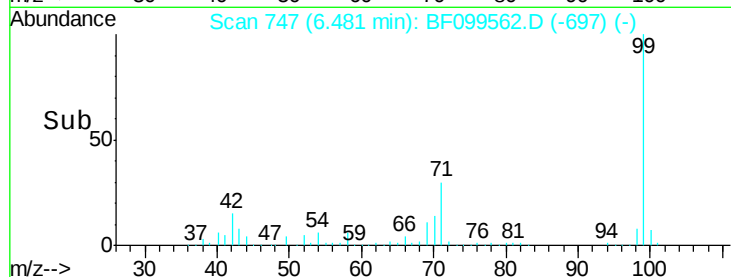
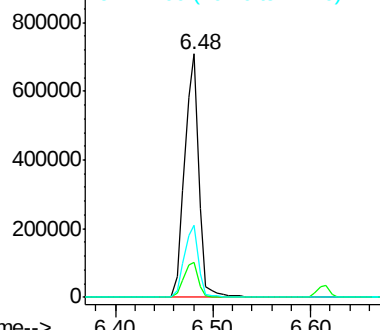
99 100

42 14.6 14.5 21.7

71 29.5 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: 2.27 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF099562.D

Acq: 16 Oct 2017 23:40

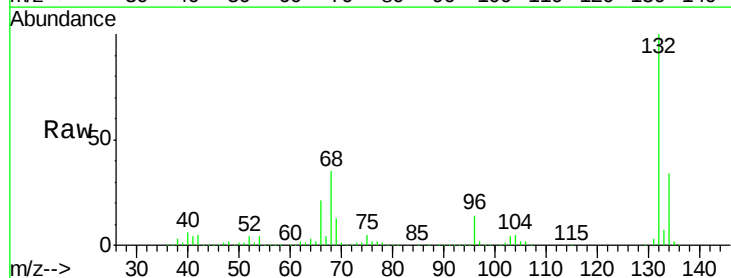
Tgt Ion: 77 Resp: 11171

Ion Ratio Lower Upper

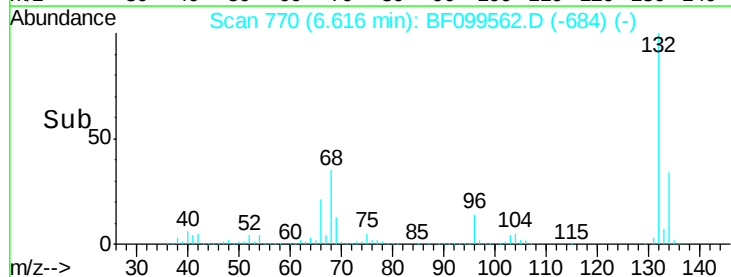
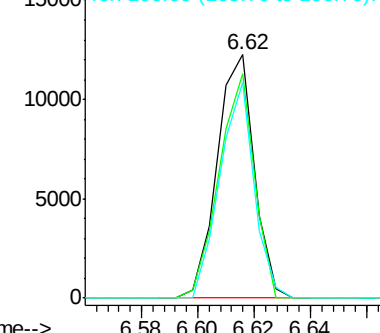
77 100

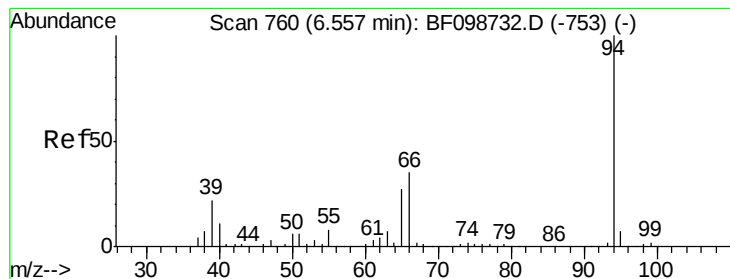
105 92.0 81.1 121.1

106 88.4 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: 5.08 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099562.D

Acq: 16 Oct 2017 23:40

Instrument :

BNA_F

ClientSampleId :

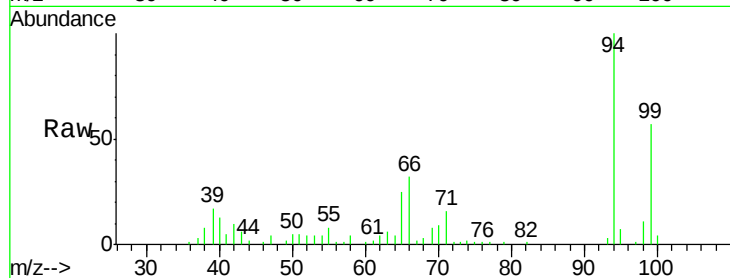
Tot Ion: 94 Resp: 48123

Ion Ratio Lower Upper

94 100

65 24.9 7.9 47.9

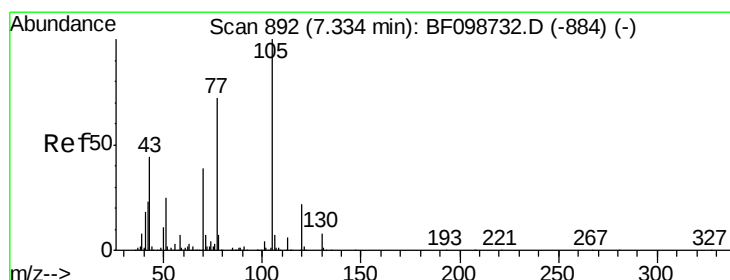
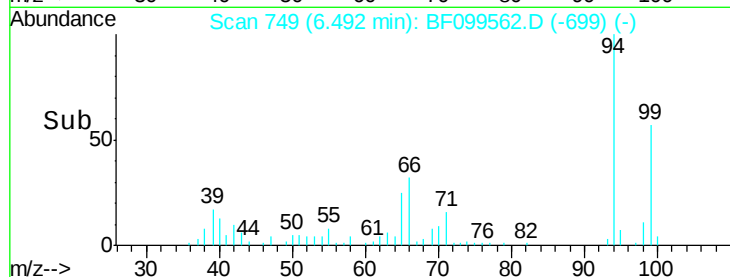
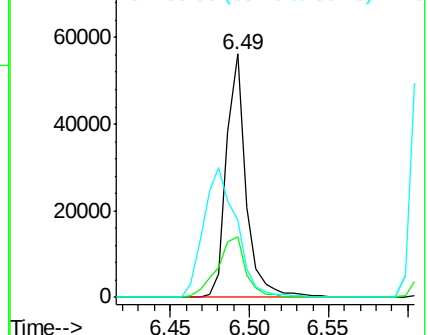
66 31.7 16.2 56.2



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: 9.60 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF099562.D

Acq: 16 Oct 2017 23:40

Tgt Ion: 70 Resp: 51905

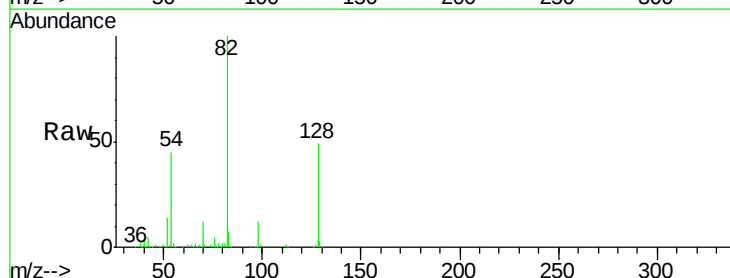
Ion Ratio Lower Upper

70 100

42 40.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

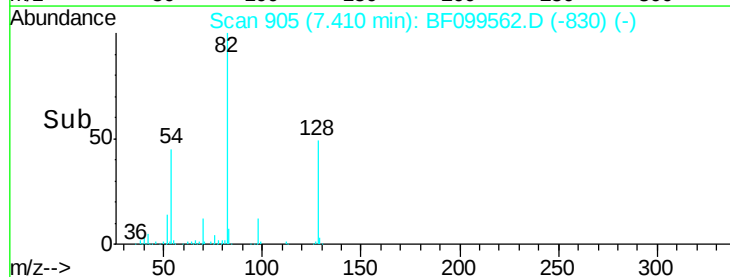
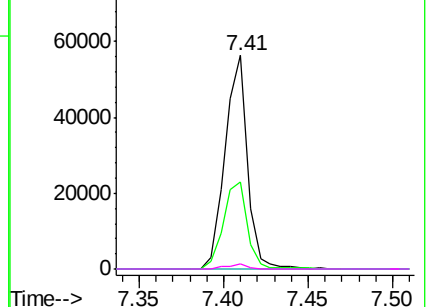


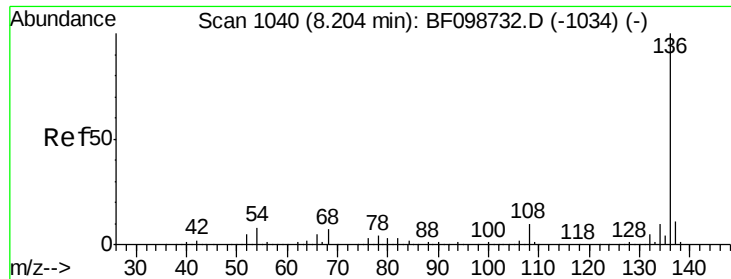
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

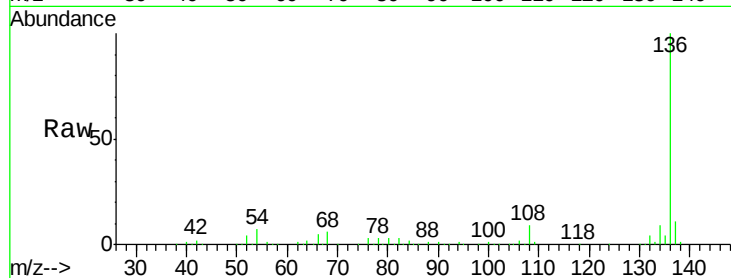




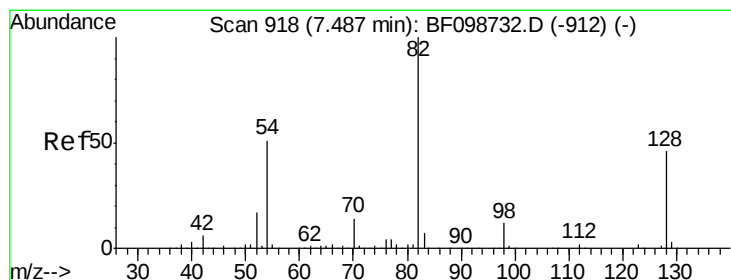
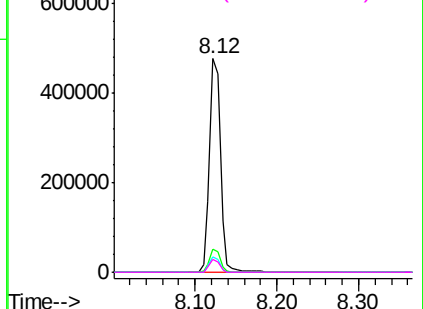
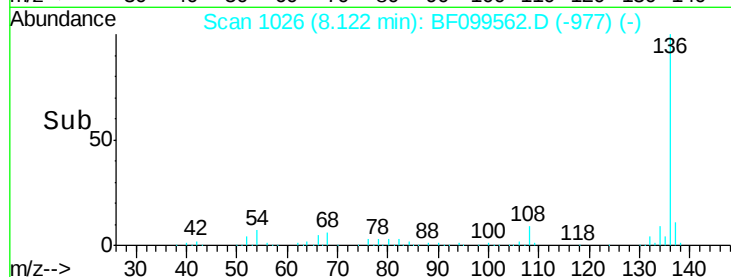
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099562.D
Acq: 16 Oct 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	446388
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.4	6.6 9.8
68	6.3	5.0 7.4

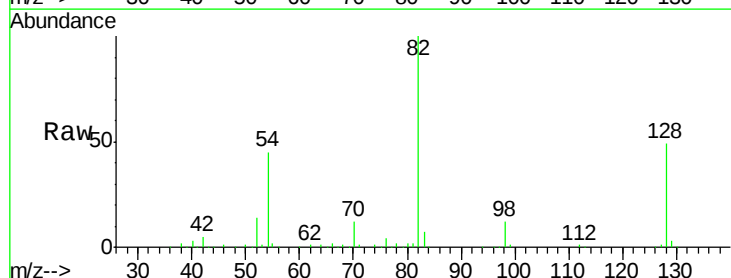


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

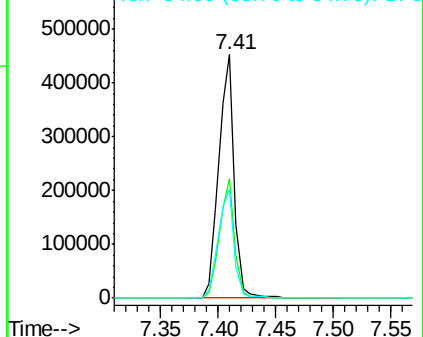
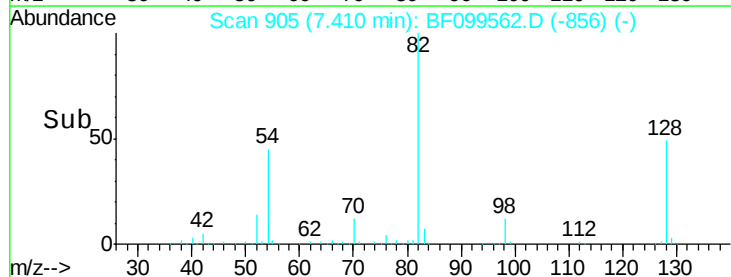


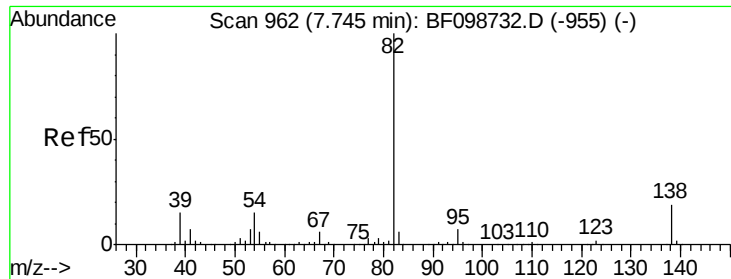
#23
Nitrobenzene-d5
Concen: 60.49 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099562.D
Acq: 16 Oct 2017 23:40

Tgt Ion: 82	Resp:	421067
Ion Ratio	Lower	Upper
82	100	
128	49.1	36.1 54.1
54	44.9	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: 29.26 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF099562.D

Acq: 16 Oct 2017 23:40

Instrument :

BNA_F

ClientSampled :

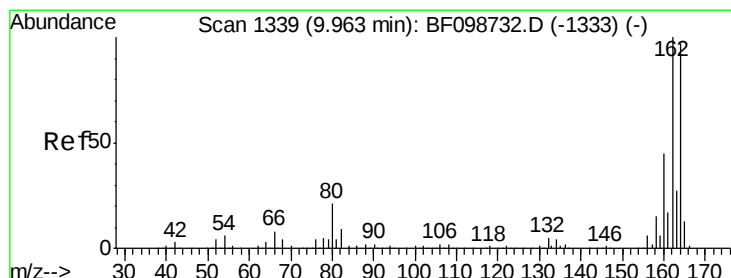
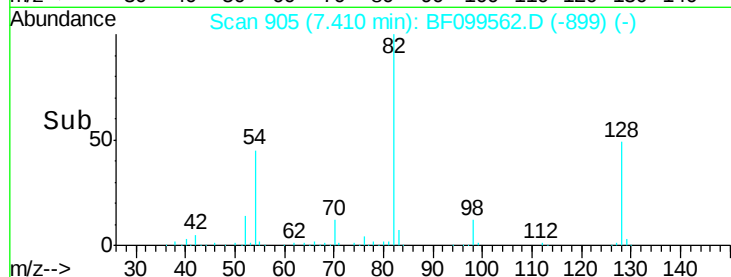
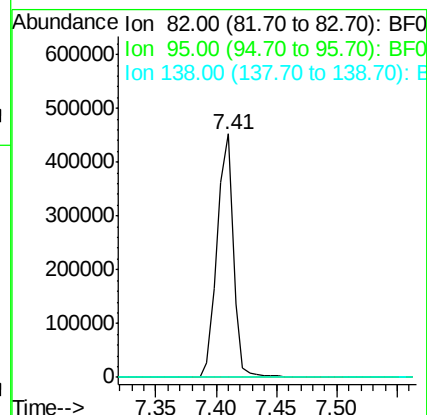
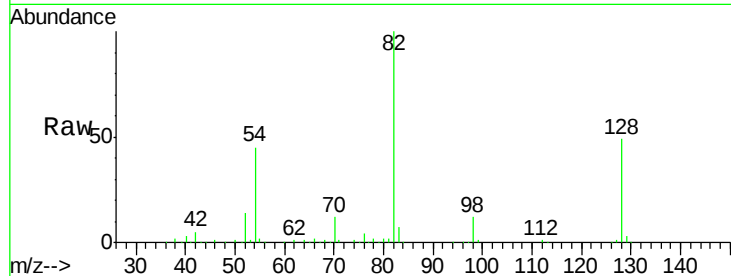
Tot Ion: 82 Resp: 421064

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099562.D

Acq: 16 Oct 2017 23:40

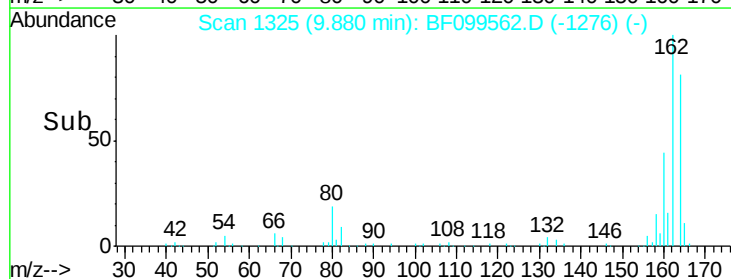
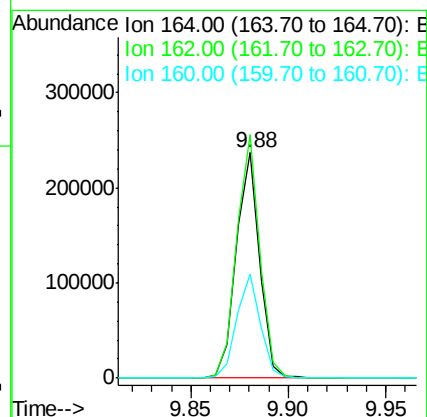
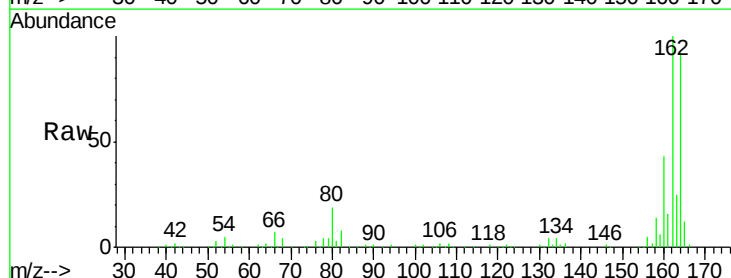
Tgt Ion: 164 Resp: 195658

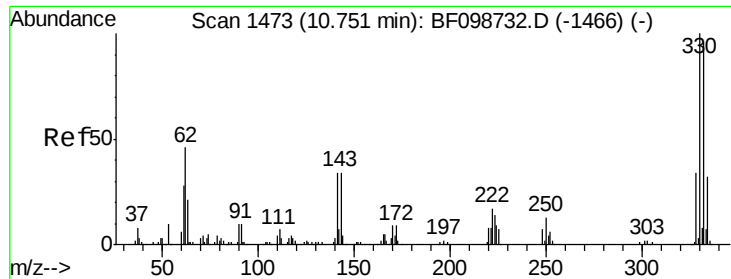
Ion Ratio Lower Upper

164 100

162 108.1 86.1 129.1

160 46.4 38.3 57.5

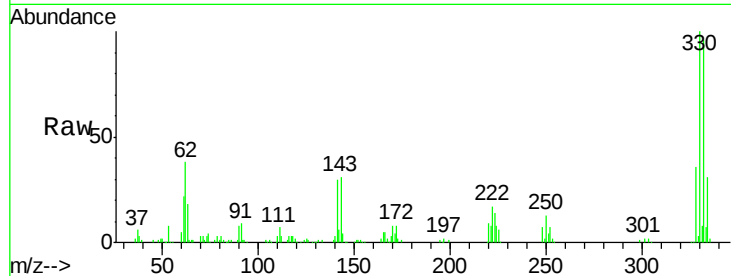




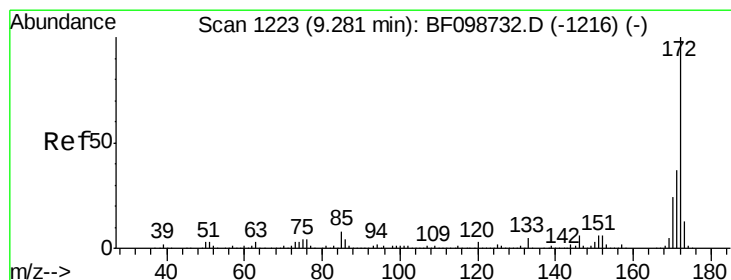
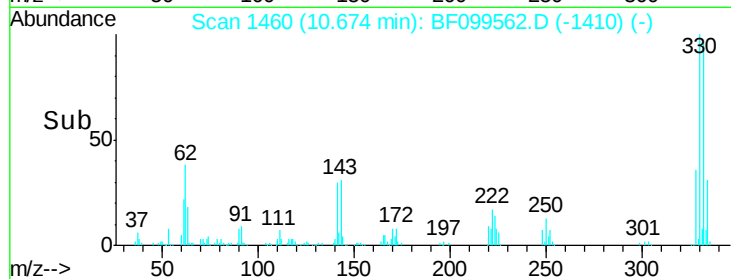
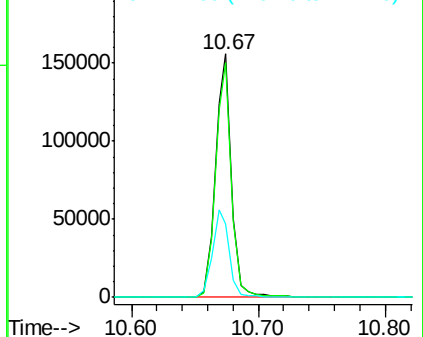
#41
 2,4,6-Tribromophenol
 Concen: 86.56 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099562.D
 Acq: 16 Oct 2017 23:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	37.9	29.9	44.9

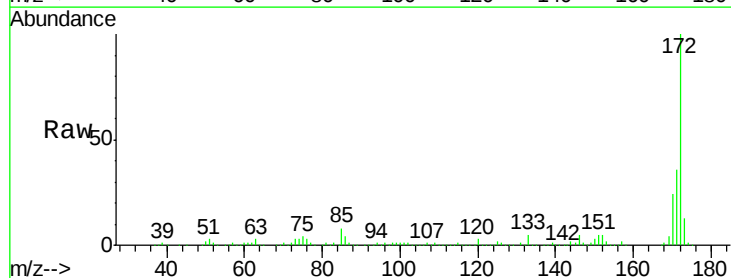


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

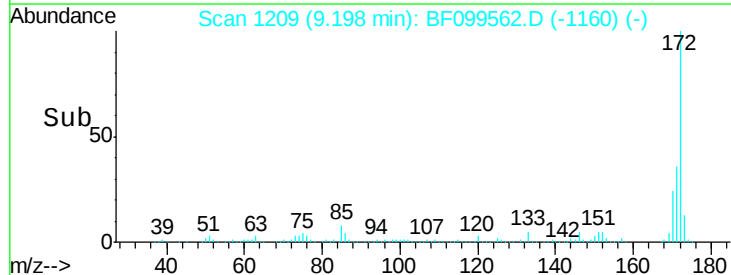
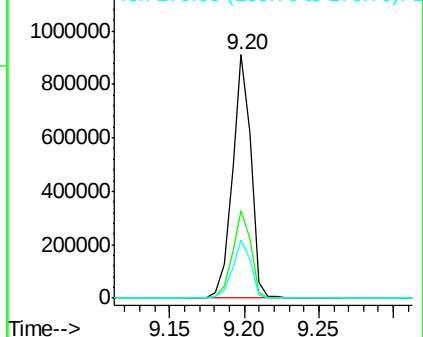


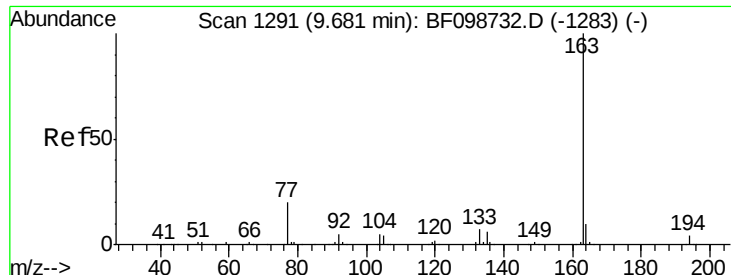
#44
 2-Fluorobiphenyl
 Concen: 68.15 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099562.D
 Acq: 16 Oct 2017 23:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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

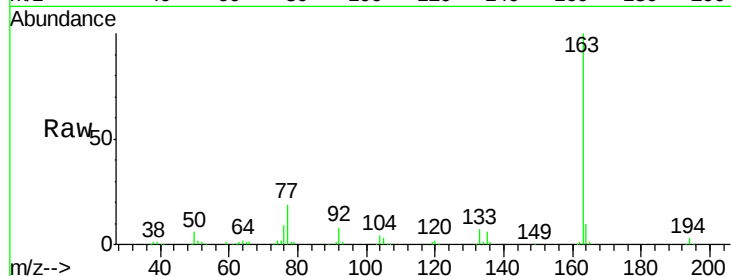




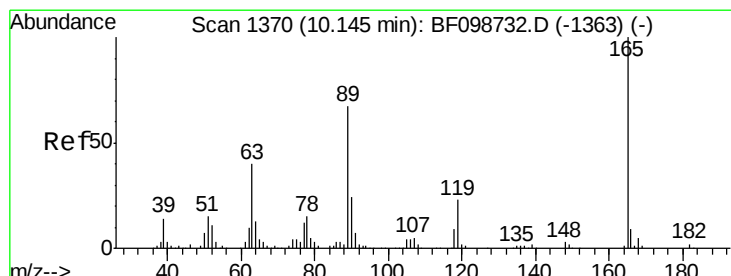
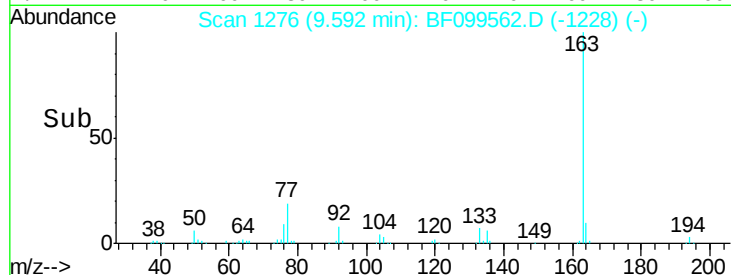
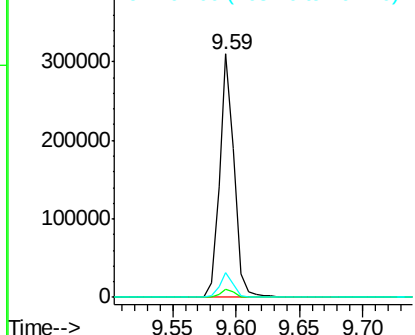
#49
Dimethylphthalate
Concen: 16.91 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099562.D
Acq: 16 Oct 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2

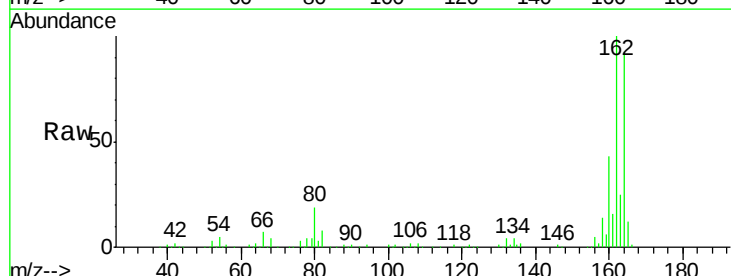


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

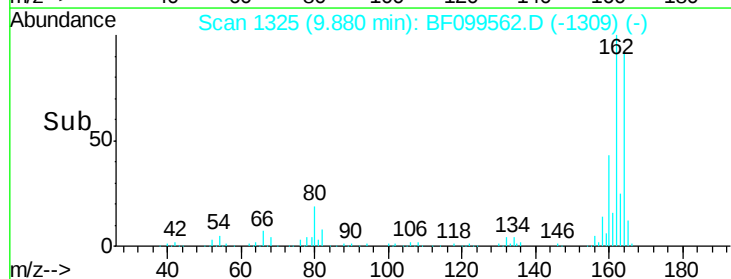
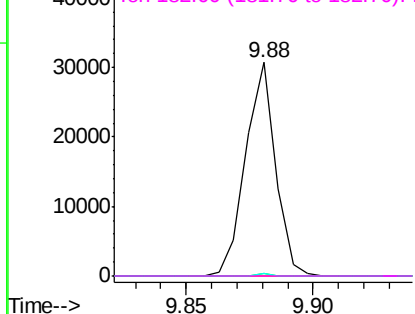


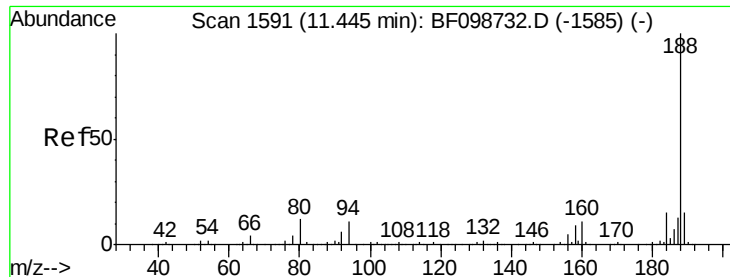
#56
2,4-Dinitrotoluene
Concen: 6.05 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099562.D
Acq: 16 Oct 2017 23:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.0	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

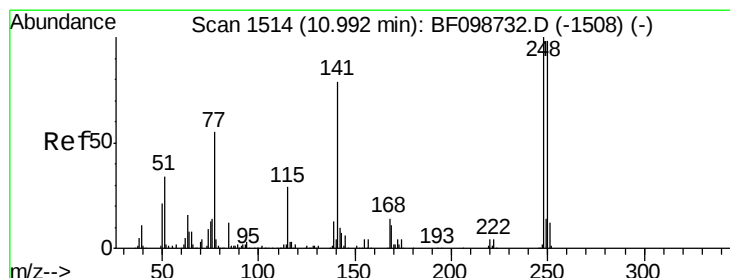
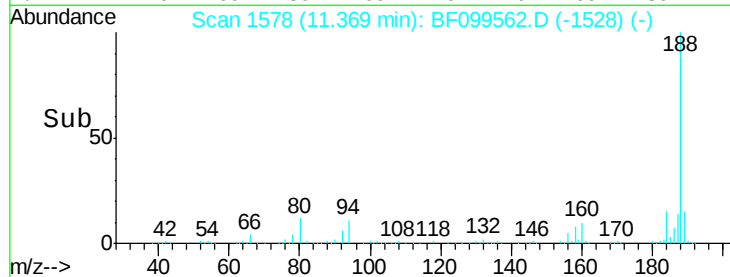
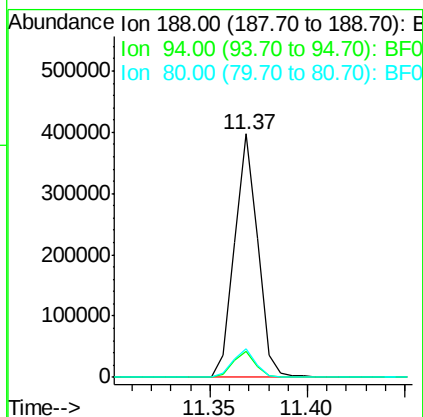
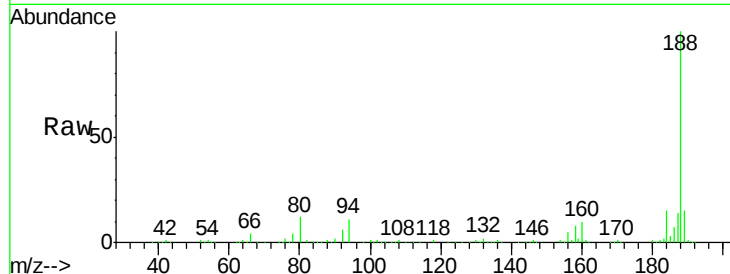




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099562.D
Acq: 16 Oct 2017 23:40

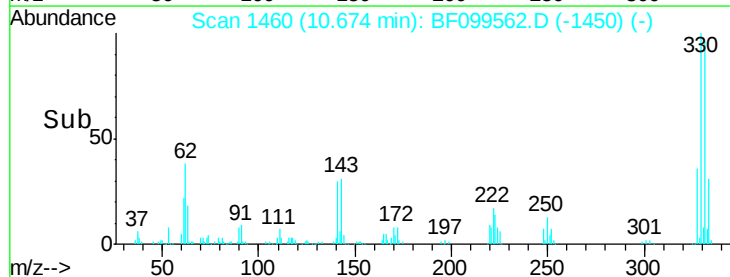
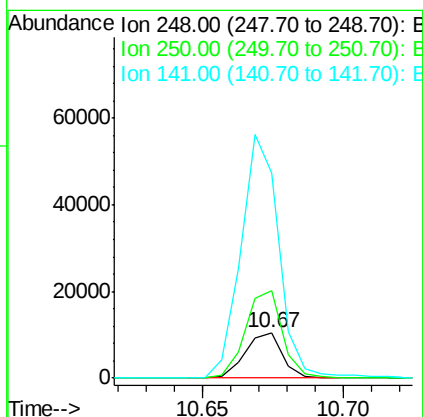
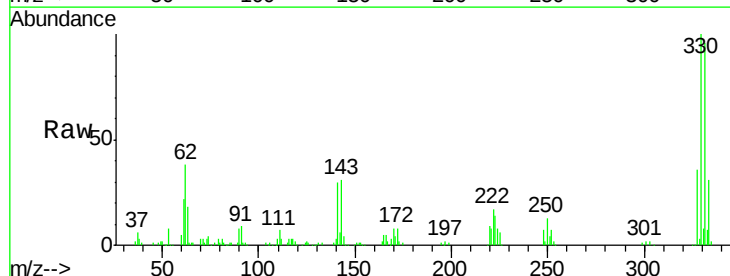
Instrument :
BNA_F
ClientSampleId :

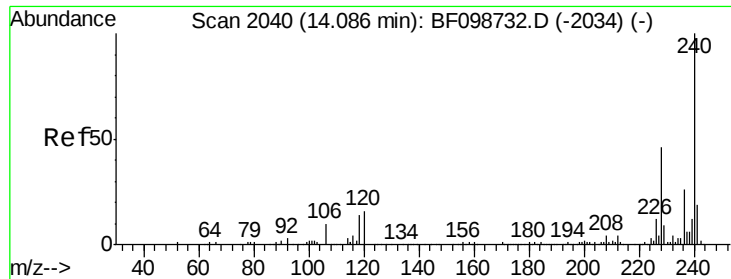
Tot Ion:188 Resp: 329401
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.95 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099562.D
Acq: 16 Oct 2017 23:40

Tgt Ion:248 Resp: 9522
Ion Ratio Lower Upper
248 100
250 191.8 76.9 115.3#
141 449.9 74.4 111.6#

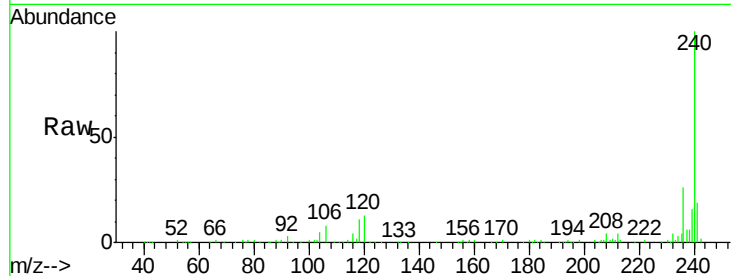




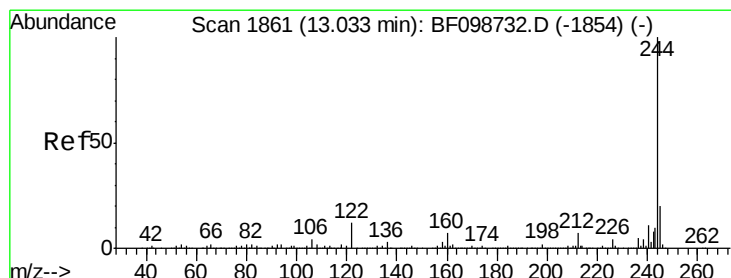
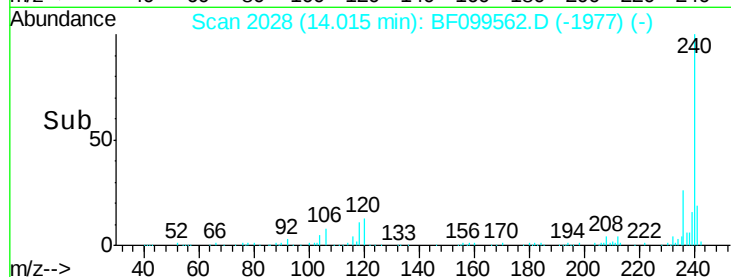
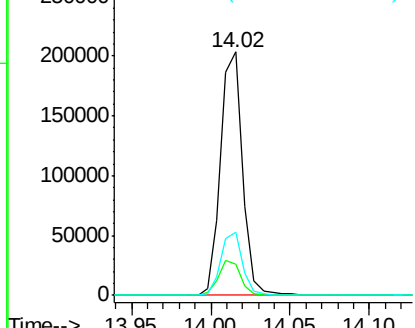
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF099562.D
 Acq: 16 Oct 2017 23:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 195938
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.5 14.3
 236 25.8 20.7 31.1

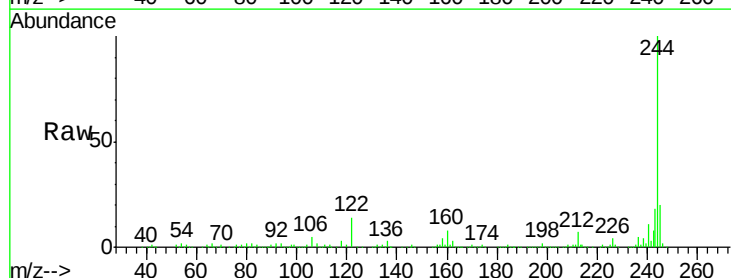


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

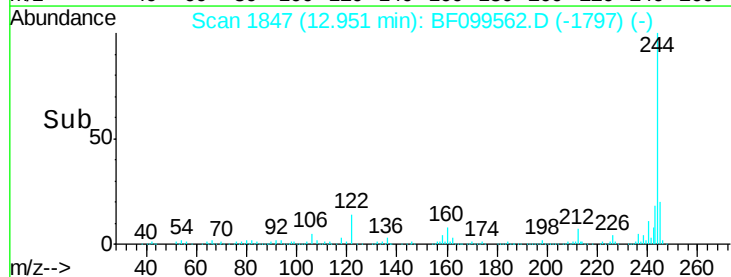
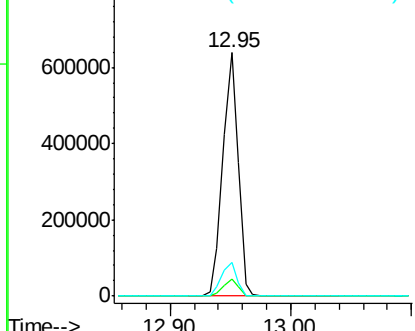


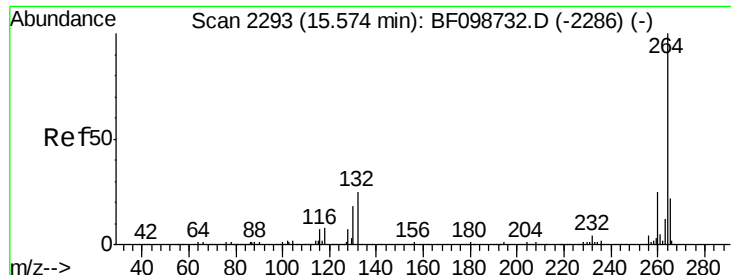
#78
 Terphenyl-d14
 Concen: 65.27 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099562.D
 Acq: 16 Oct 2017 23:40

Tgt Ion:244 Resp: 562358
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.1 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

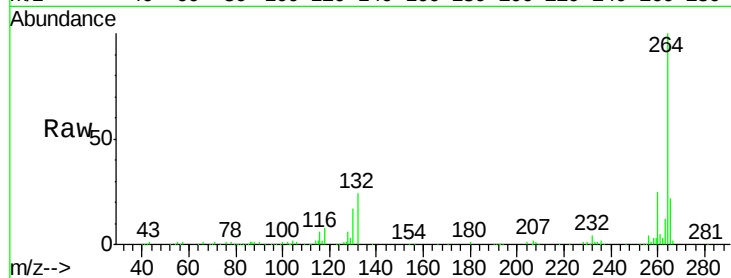




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099562.D
Acq: 16 Oct 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.0	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

