

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099421.D
 Acq On : 13 Oct 2017 3:29
 Operator : SJ/JU
 Sample : I5780-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 04:39:33 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

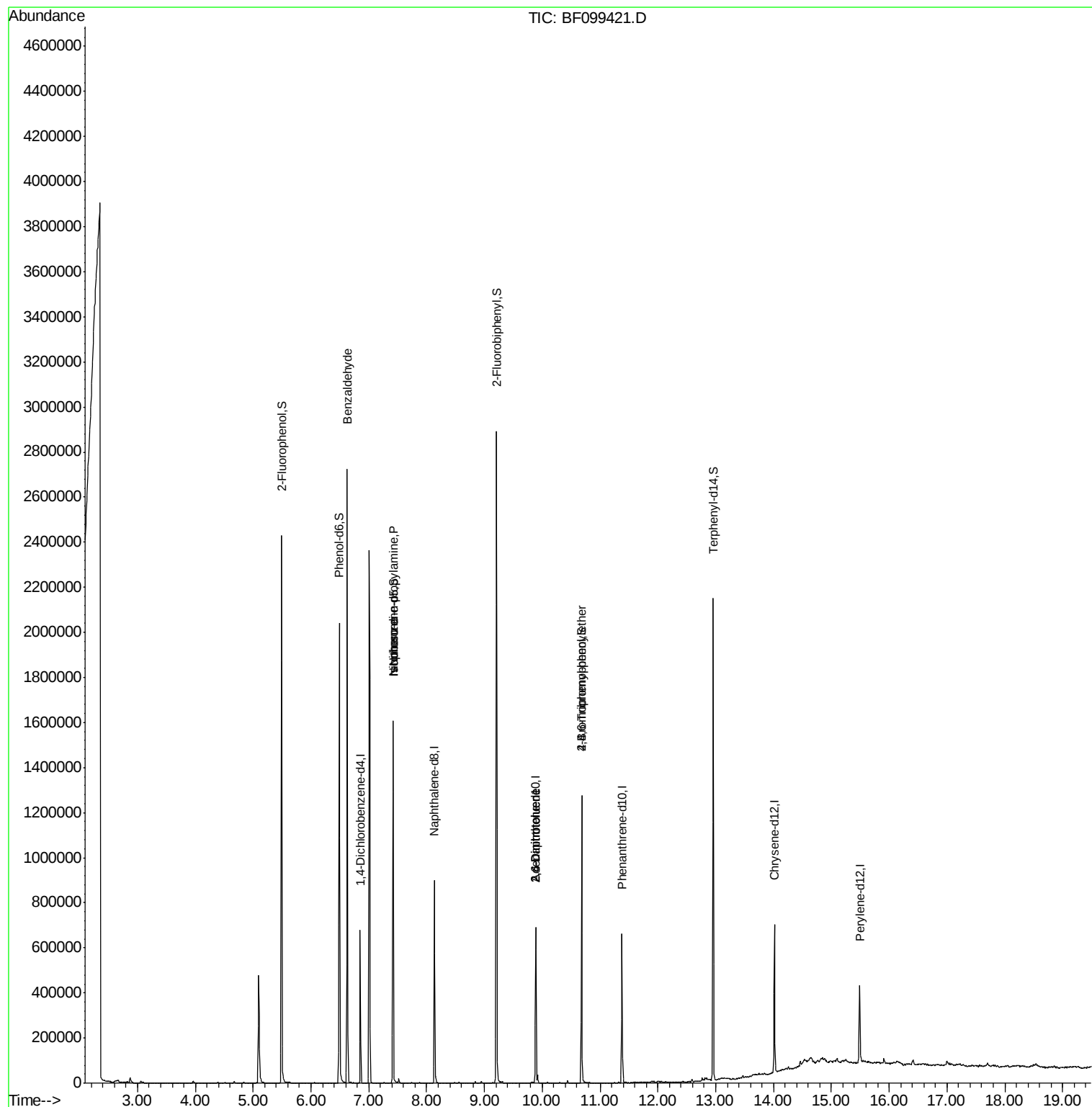
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	107552	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	389782	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	140572	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	224904	20.00	ng	0.00
75) Chrysene-d12	14.02	240	214164	20.00	ng	0.00
86) Perylene-d12	15.49	264	156594	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	760800	112.61	ng	0.02
7) Phenol-d6	6.49	99	785692	94.27	ng	0.00
23) Nitrobenzene-d5	7.42	82	549245	90.37	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	146213	127.11	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	926989	110.09	ng	0.00
78) Terphenyl-d14	12.96	244	759762	80.68	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	15299	3.16	ng	88
19) n-Nitroso-di-n-propylamine	7.42	70	70683	13.28	ng	# 72
25) Isophorone	7.42	82	549322	43.71	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	17278	7.48	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	17278	5.76	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	9957	4.52	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: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF099421.D

Acq: 13 Oct 2017 3:29

Instrument :

BNA_F

ClientSampleId :

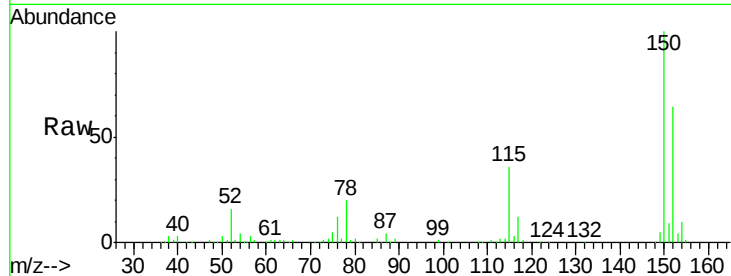
Tot Ion:152 Resp: 107552

Ion Ratio Lower Upper

152 100

150 157.3 124.6 186.8

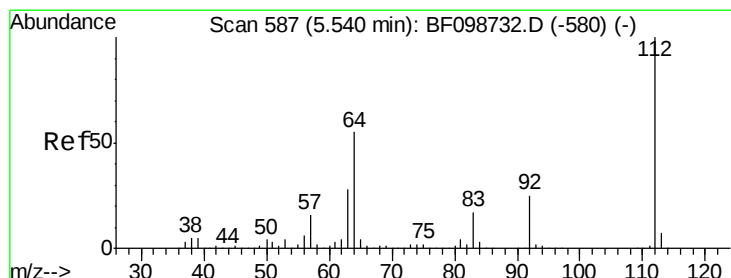
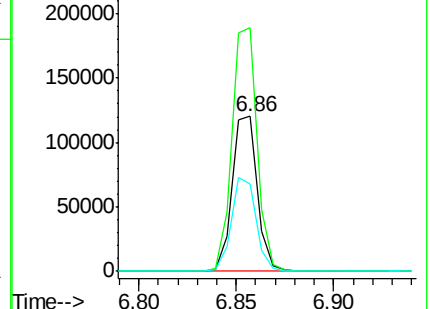
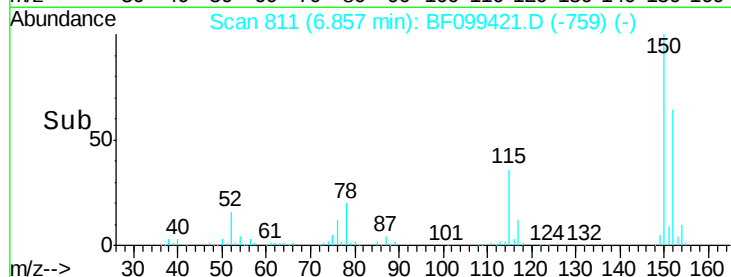
115 56.6 50.1 75.1



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: 112.61 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.02 min

Lab File: BF099421.D

Acq: 13 Oct 2017 3:29

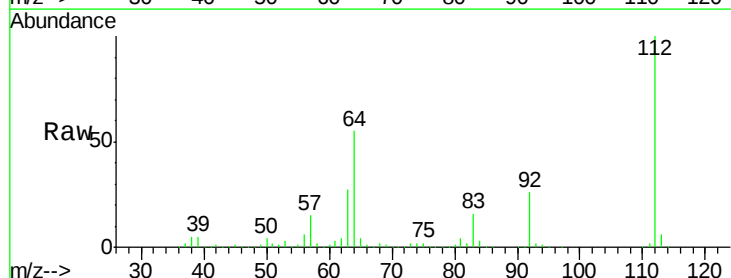
Tgt Ion:112 Resp: 760800

Ion Ratio Lower Upper

112 100

64 54.7 47.9 71.9

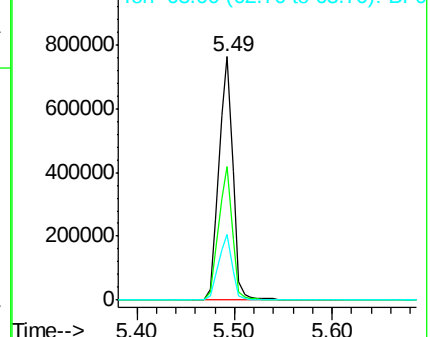
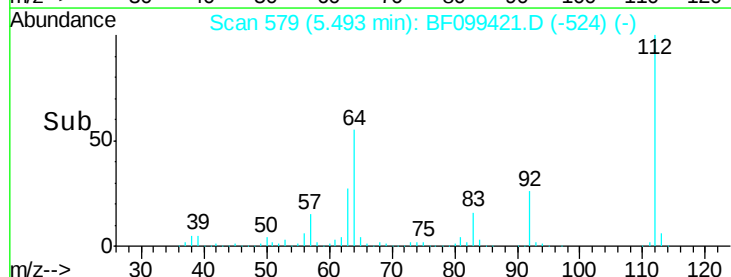
63 26.9 23.7 35.5

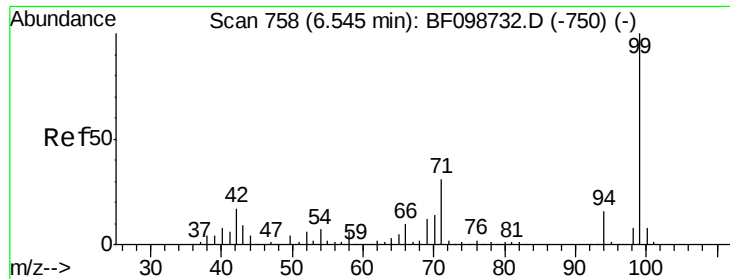


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.27 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099421.D

Acq: 13 Oct 2017 3:29

Instrument :

BNA_F

ClientSampled :

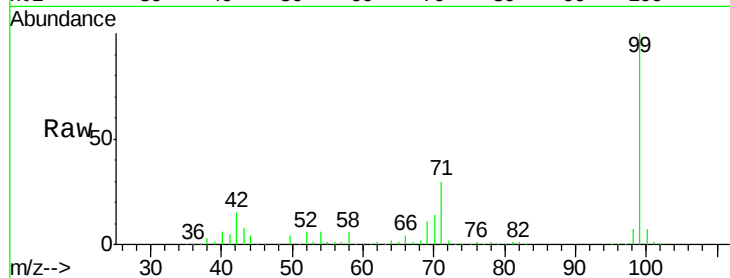
Tot Ion: 99 Resp: 785692

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

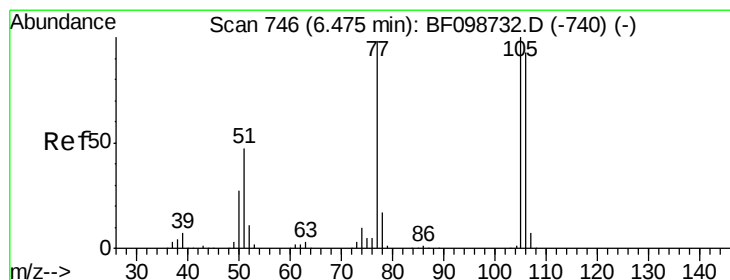
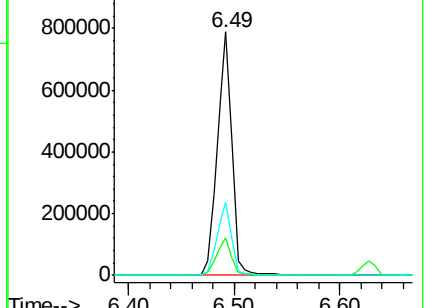
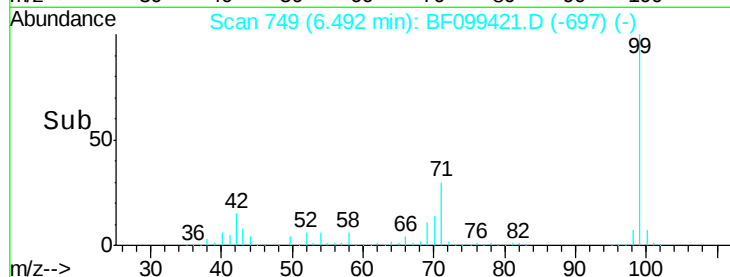
71 30.3 25.4 38.0



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: 3.16 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099421.D

Acq: 13 Oct 2017 3:29

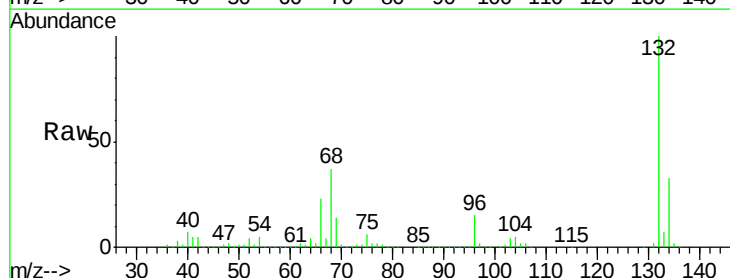
Tgt Ion: 77 Resp: 15299

Ion Ratio Lower Upper

77 100

105 88.1 81.1 121.1

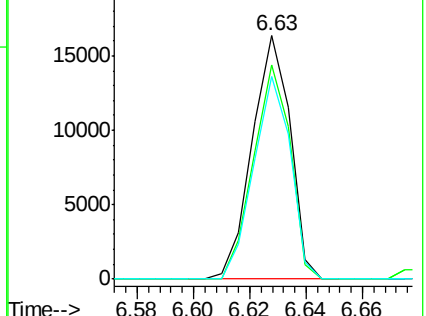
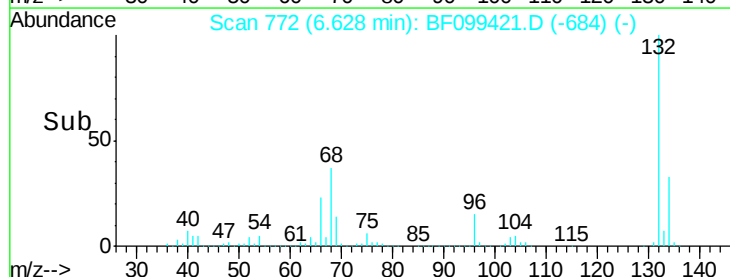
106 83.1 74.5 114.5



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

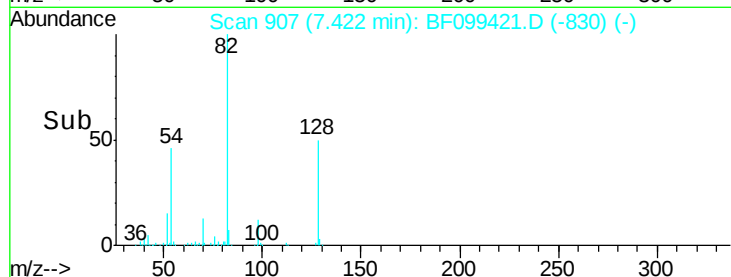
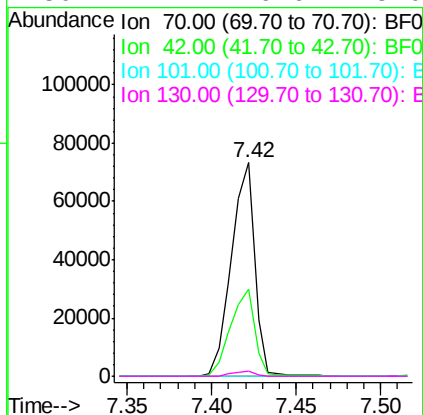
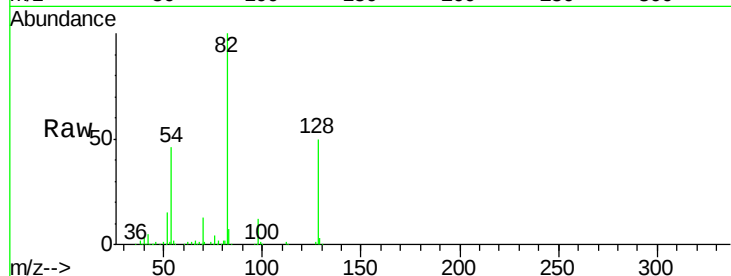




#19
n-Nitroso-di-n-propylamine
Concen: 13.28 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099421.D
Acq: 13 Oct 2017 3:29

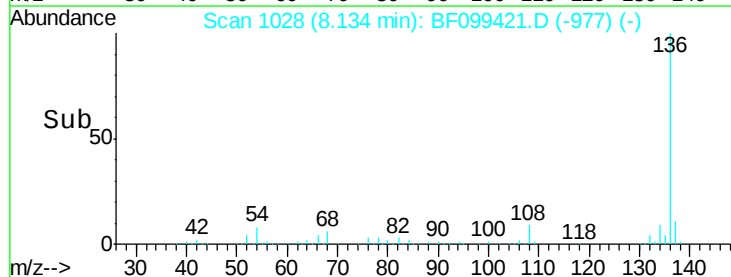
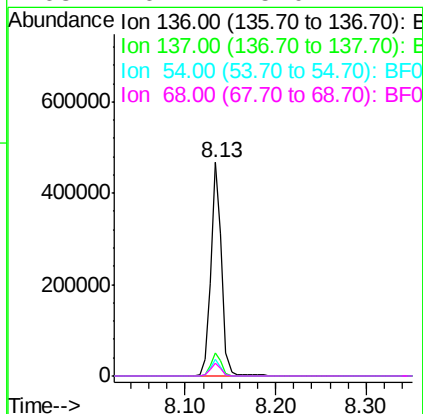
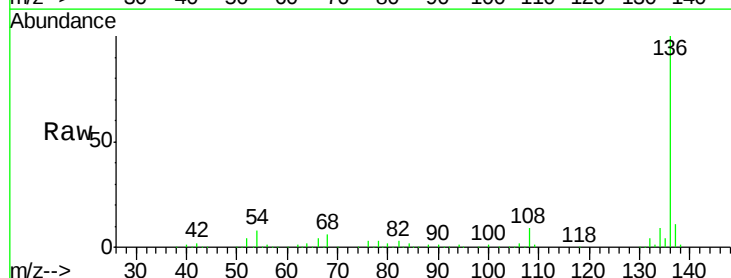
Instrument :
BNA_F
ClientSampled :

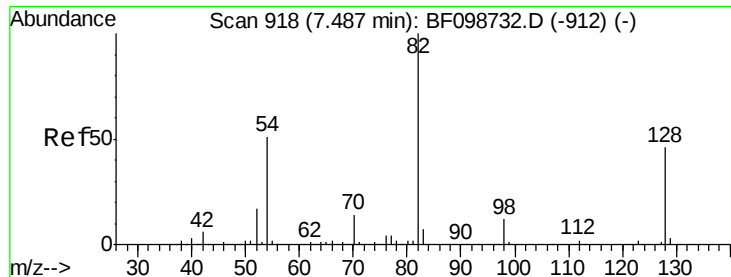
Tot Ion: 70 Resp: 70683
Ion Ratio Lower Upper
70 100
42 41.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099421.D
Acq: 13 Oct 2017 3:29

Tgt Ion: 136 Resp: 389782
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.6 6.6 9.8
68 6.1 5.0 7.4

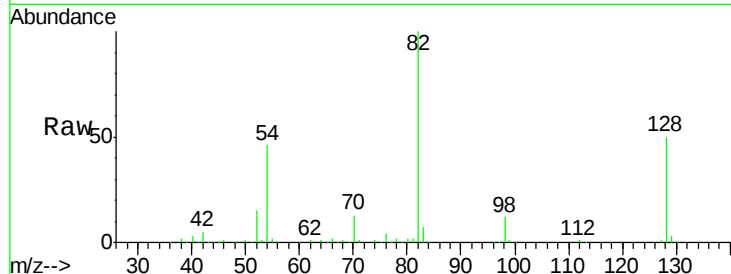




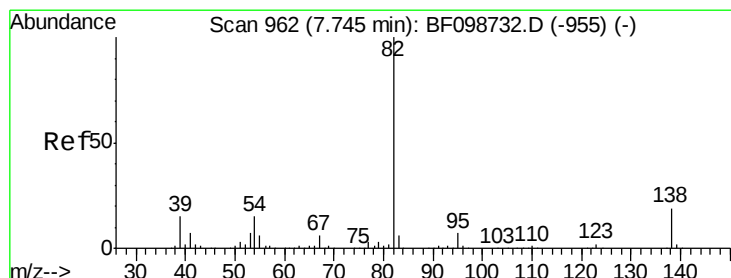
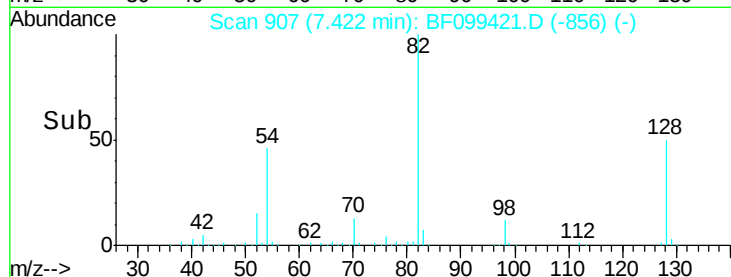
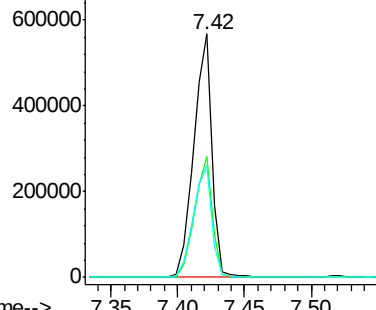
#23
Nitrobenzene-d5
Concen: 90.37 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099421.D
Acq: 13 Oct 2017 3:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	549245
Ion Ratio	Lower	Upper	
82	100		
128	49.5	36.1	54.1
54	45.8	41.4	62.2

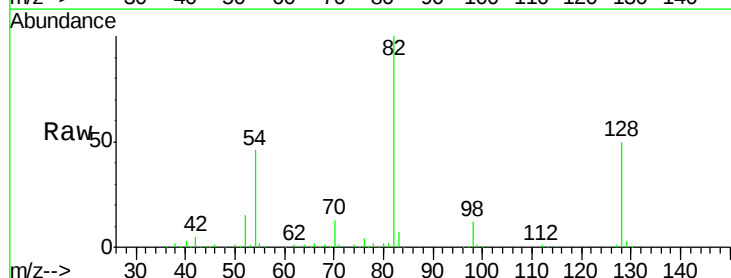


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

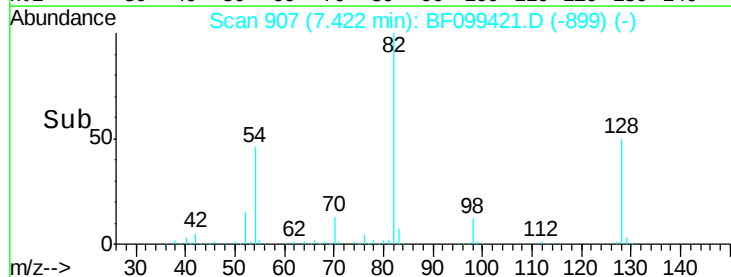
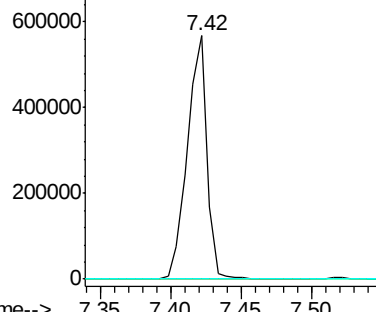


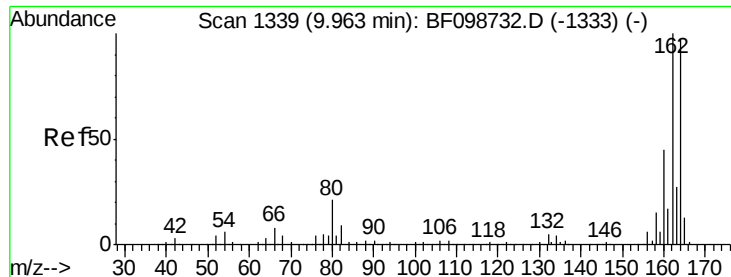
#25
Isophorone
Concen: 43.71 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.25 min
Lab File: BF099421.D
Acq: 13 Oct 2017 3:29

Tgt Ion	82	Resp	549322
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: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099421.D

Acq: 13 Oct 2017 3:29

Instrument :

BNA_F

ClientSampleId :

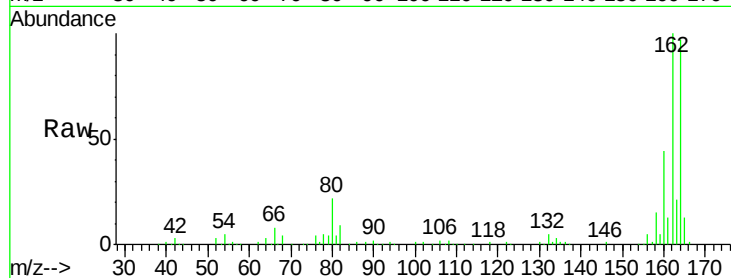
Tot Ion:164 Resp: 140572

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

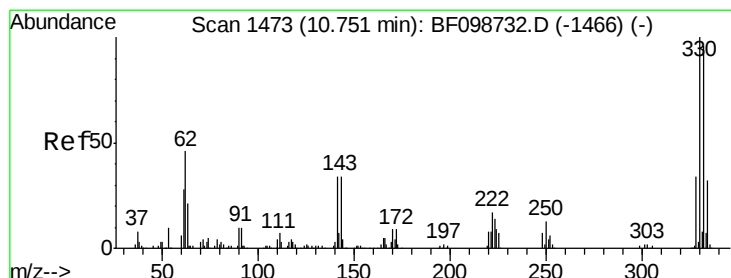
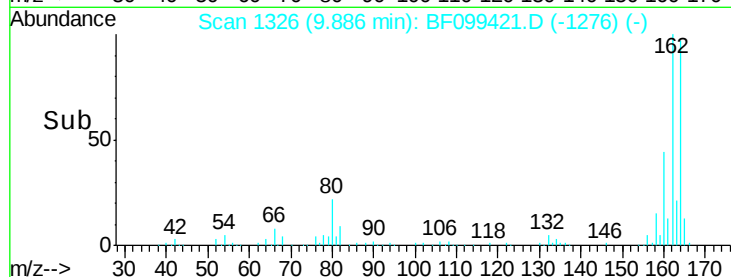
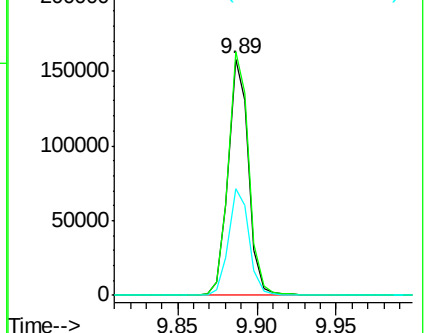
160 45.1 38.3 57.5



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: 127.11 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF099421.D

Acq: 13 Oct 2017 3:29

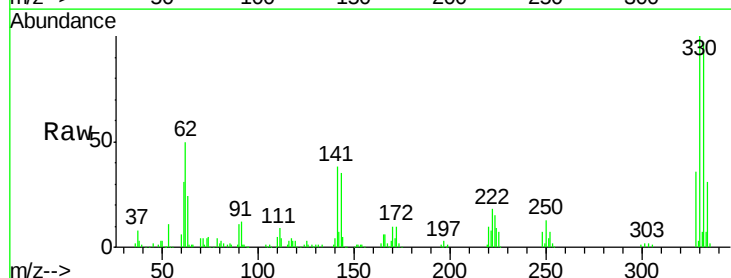
Tgt Ion:330 Resp: 146213

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

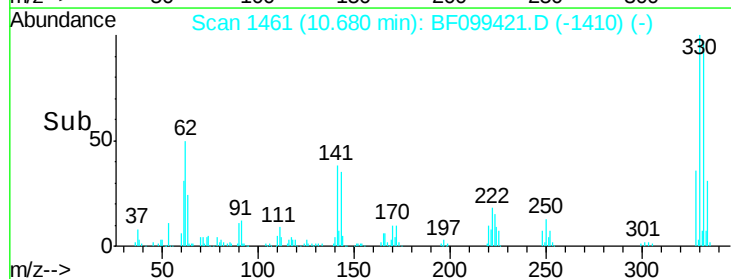
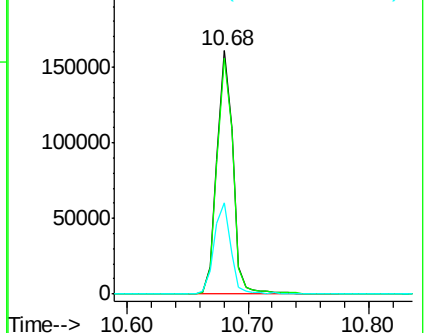
141 38.9 29.9 44.9



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

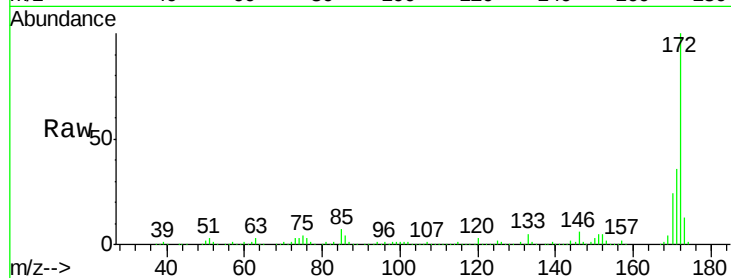




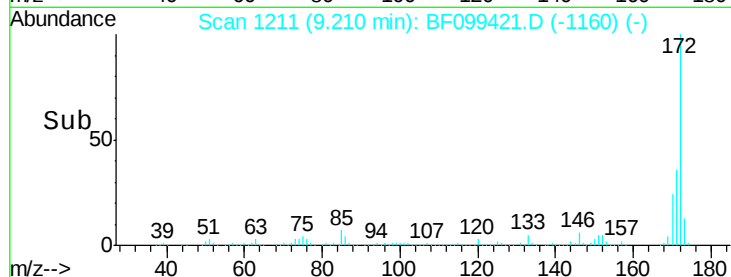
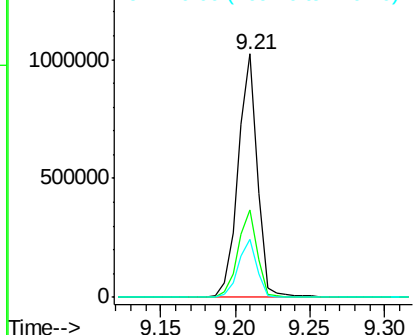
#44
 2-Fluorobiphenyl
 Concen: 110.09 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099421.D
 Acq: 13 Oct 2017 3:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 926989
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.7 19.6 29.4

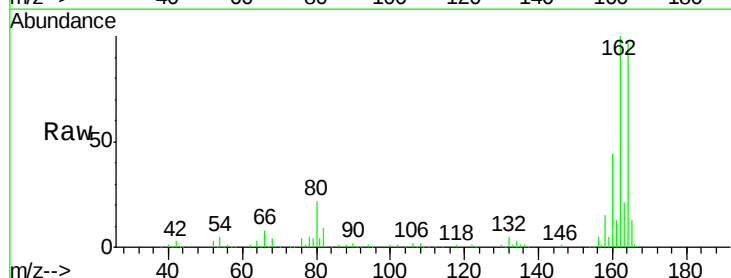


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

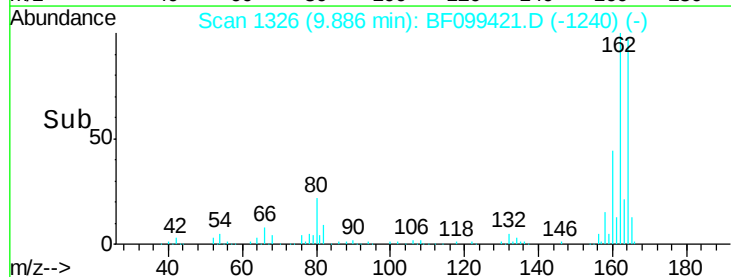
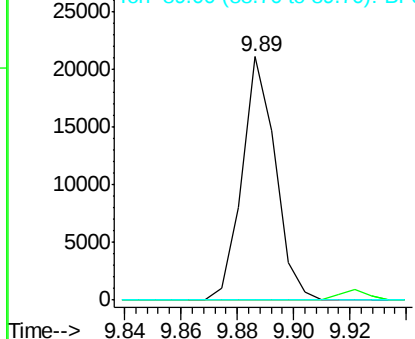


#50
 2,6-Dinitrotoluene
 Concen: 7.48 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099421.D
 Acq: 13 Oct 2017 3:29

Tgt Ion:165 Resp: 17278
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



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

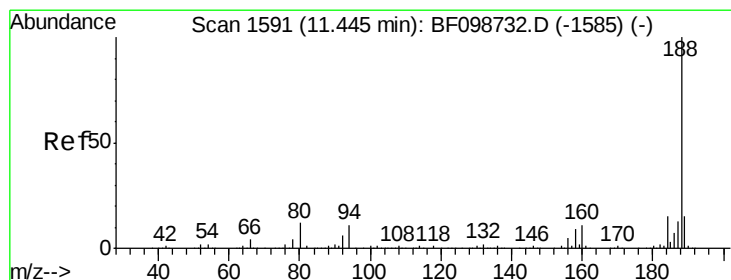
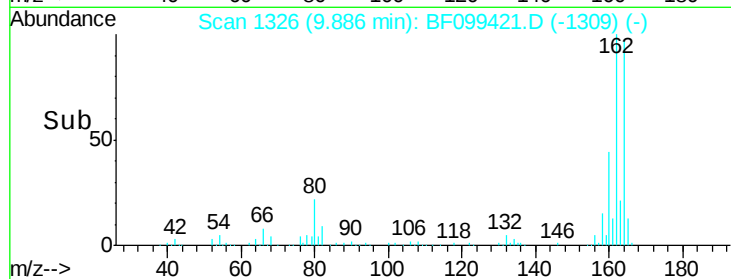
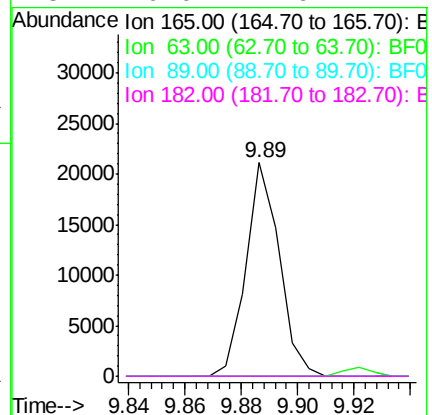
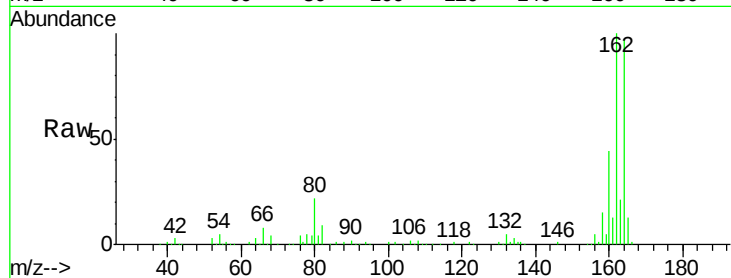




#56
 2,4-Dinitrotoluene
 Concen: 5.76 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099421.D
 Acq: 13 Oct 2017 3:29

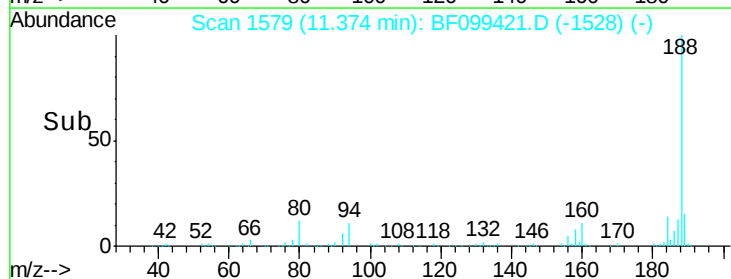
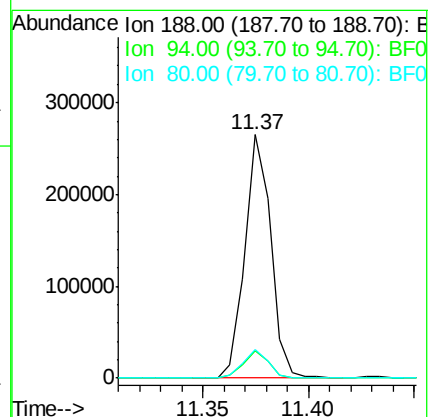
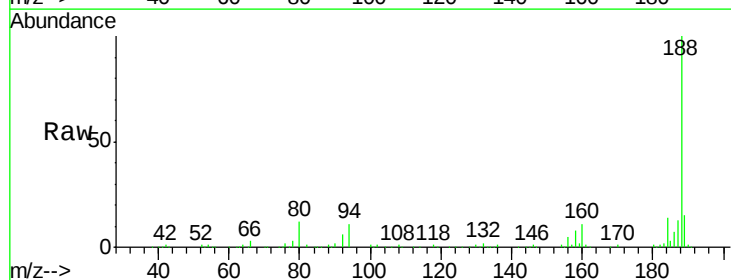
Instrument :
 BNA_F
 ClientSampleId :

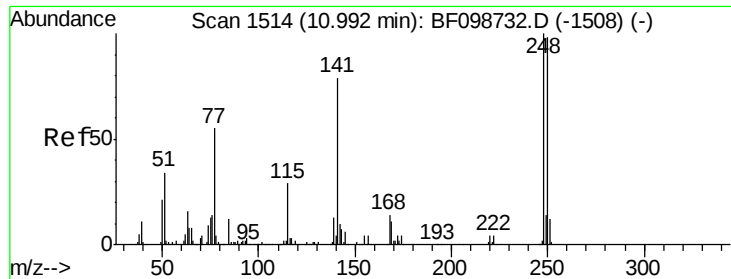
Tot Ion:165	Resp:	17278
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099421.D
 Acq: 13 Oct 2017 3:29

Tgt Ion:188	Resp:	224904
Ion Ratio	Lower	Upper
188	100	
94	11.0	8.5 12.7
80	11.9	9.2 13.8

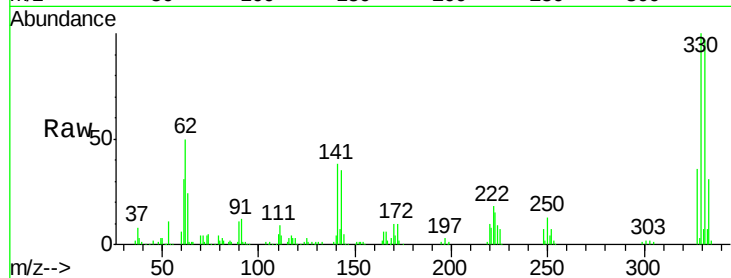




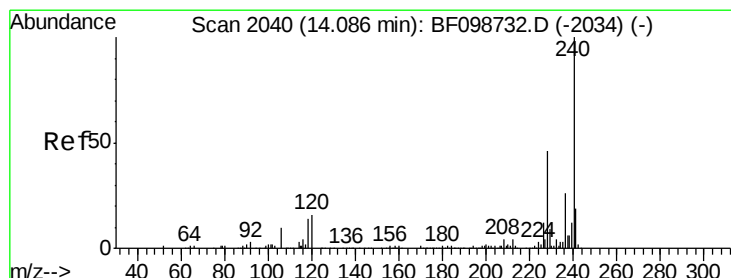
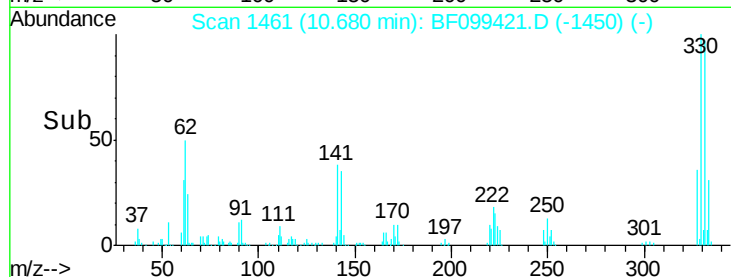
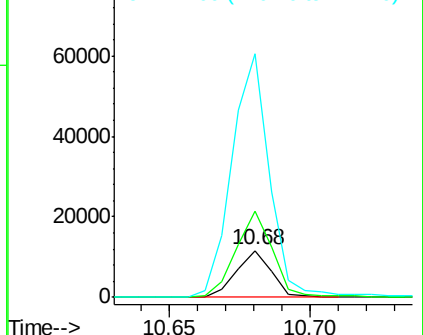
#66
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099421.D
Acq: 13 Oct 2017 3:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9957
Ion Ratio Lower Upper
248 100
250 184.9 76.9 115.3#
141 521.6 74.4 111.6#

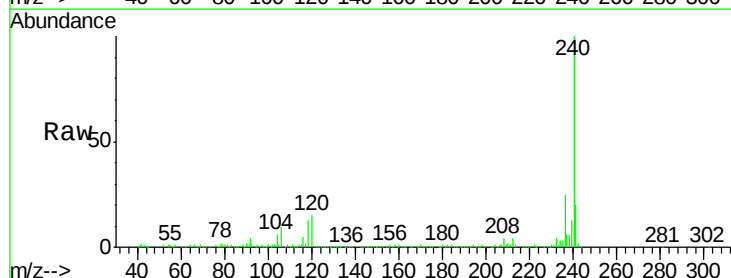


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

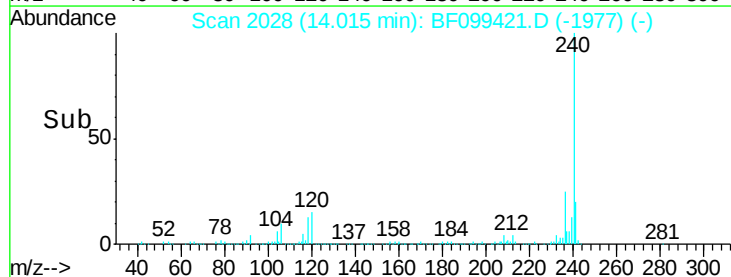
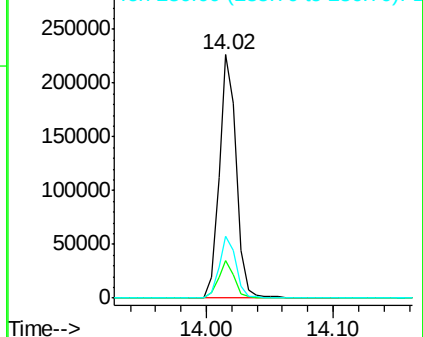


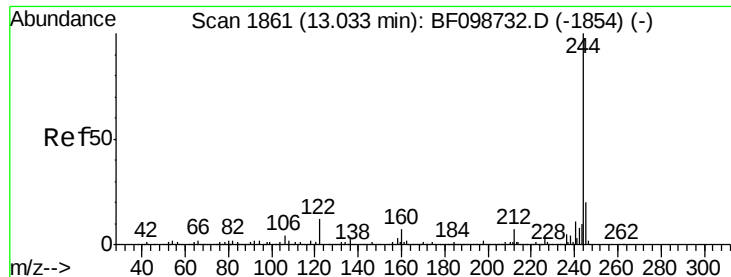
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099421.D
Acq: 13 Oct 2017 3:29

Tgt Ion:240 Resp: 214164
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 25.2 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

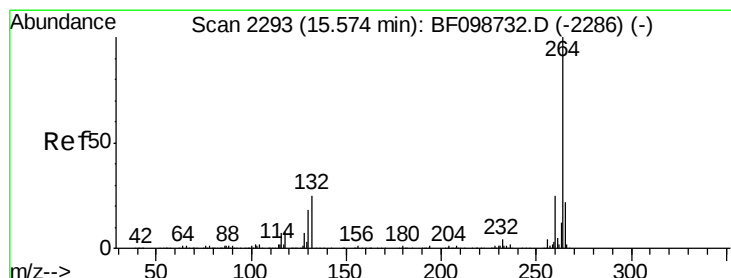
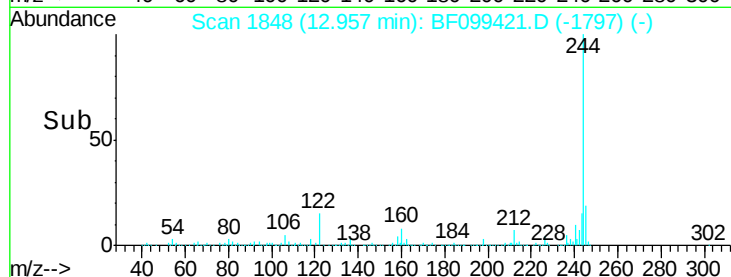
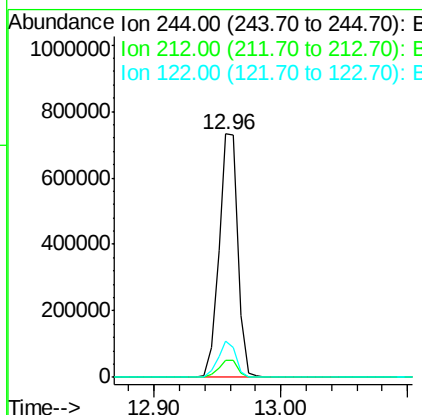
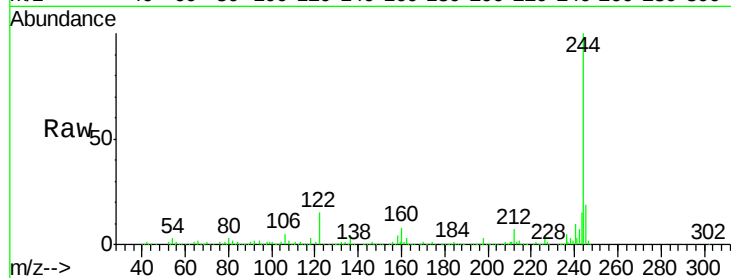




#78
 Terphenyl-d14
 Concen: 80.68 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099421.D
 Acq: 13 Oct 2017 3:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 759762
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099421.D
 Acq: 13 Oct 2017 3:29

Tgt Ion:264 Resp: 156594
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 21.0 17.5 26.3

