

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099684.D
 Acq On : 20 Oct 2017 3:52
 Operator : SJ/JU
 Sample : I5927-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 12:54:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 19 19:55:56 2017
 Response via : Initial Calibration

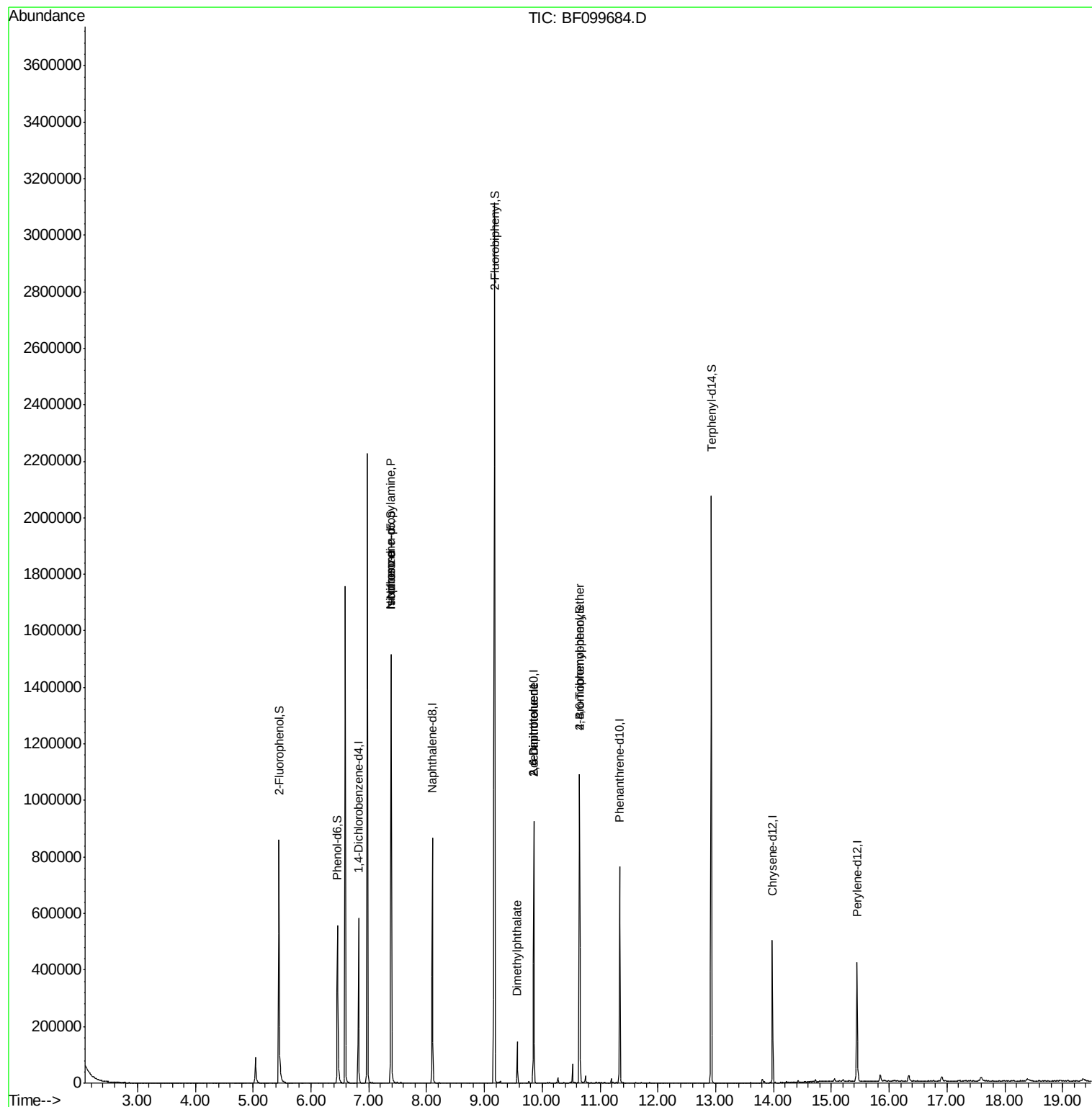
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	99510	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	403417	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	174708	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	262286	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	173769	20.00	ng	-0.01
86) Perylene-d12	15.44	264	188123	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	285881	45.73	ng	0.00
7) Phenol-d6	6.46	99	217227	28.17	ng	-0.02
23) Nitrobenzene-d5	7.39	82	585102	93.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	127501	89.19	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1097652	104.89	ng	-0.01
78) Terphenyl-d14	12.92	244	728820	95.38	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	73061	14.840	ng	# 71
25) Isophorone	7.39	82	585098	44.987	ng	# 64
49) Dimethylphthalate	9.57	163	62206	4.718	ng	# 98
50) 2,6-Dinitrotoluene	9.85	165	22191	7.730	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	22191	5.956	ng	# 21
66) 4-Bromophenyl-phenylether	10.65	248	8750	3.408	ng	# 1

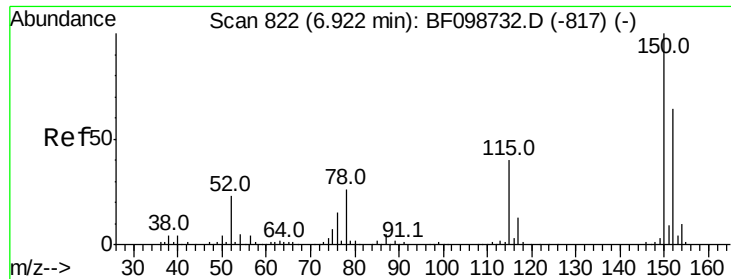
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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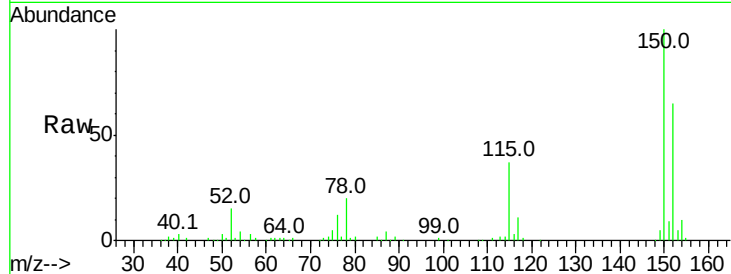


#1

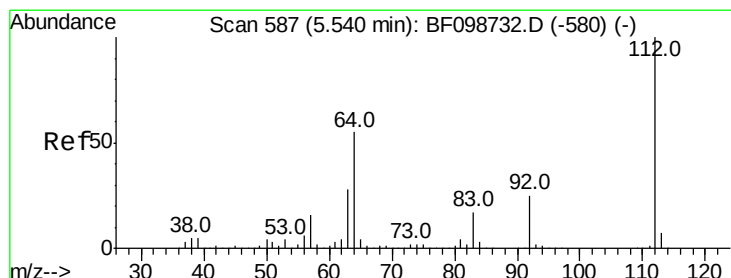
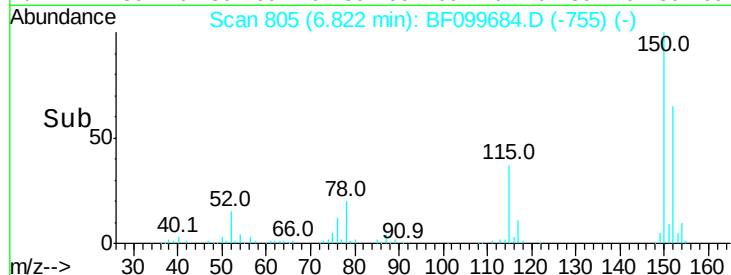
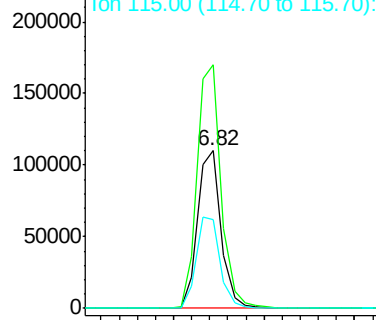
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF099684.D
Acq: 20 Oct 2017 3:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99510
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 56.6 50.1 75.1



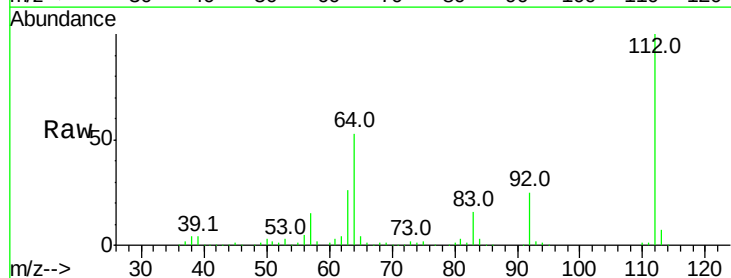
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



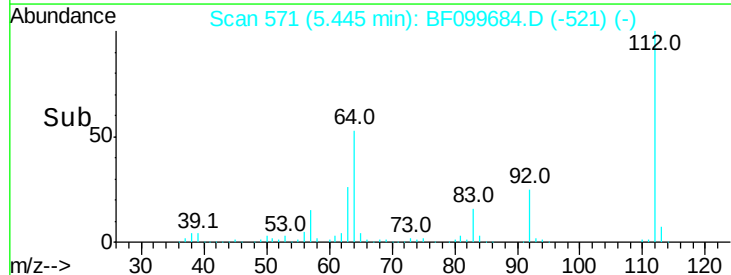
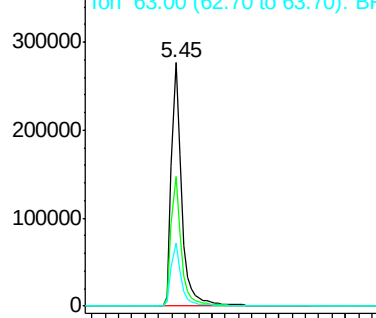
#5

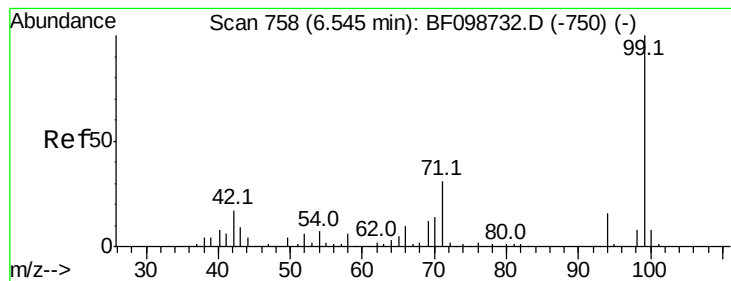
2-Fluorophenol
Concen: 45.734 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF099684.D
Acq: 20 Oct 2017 3:52

Tgt Ion:112 Resp: 285881
Ion Ratio Lower Upper
112 100
64 53.4 47.9 71.9
63 26.2 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: 28.170 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF099684.D

Acq: 20 Oct 2017 3:52

Instrument :

BNA_F

ClientSampled :

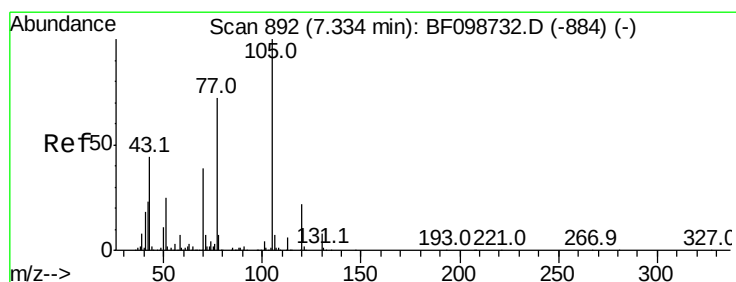
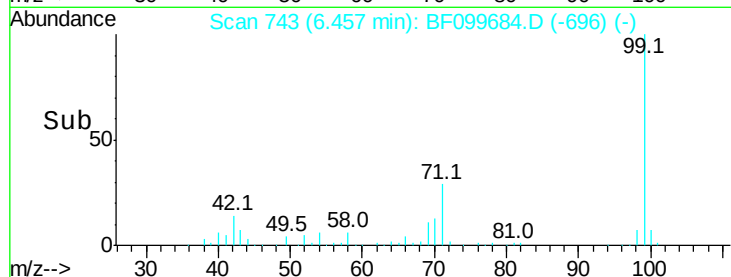
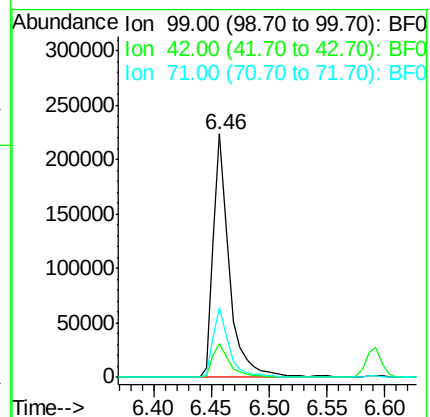
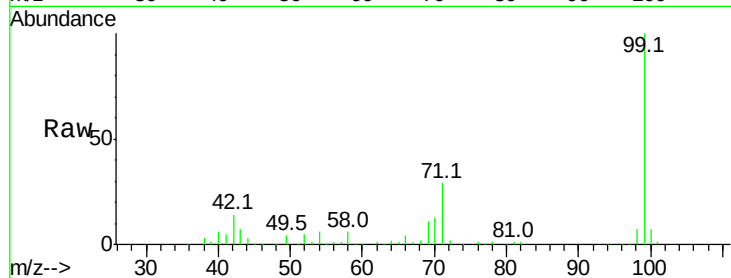
Tot Ion: 99 Resp: 217227

Ion Ratio Lower Upper

99 100

42 13.9 14.5 21.7#

71 28.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.840 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.14 min

Lab File: BF099684.D

Acq: 20 Oct 2017 3:52

Tgt Ion: 70 Resp: 73061

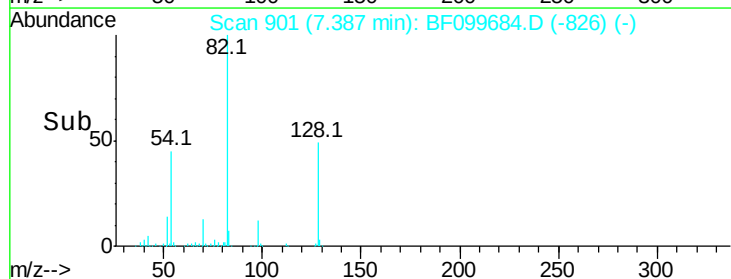
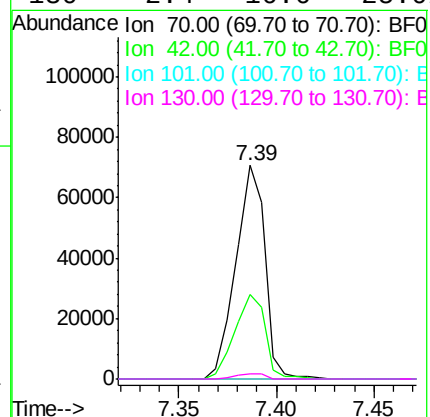
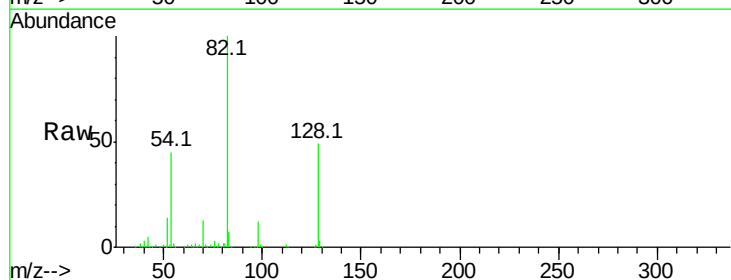
Ion Ratio Lower Upper

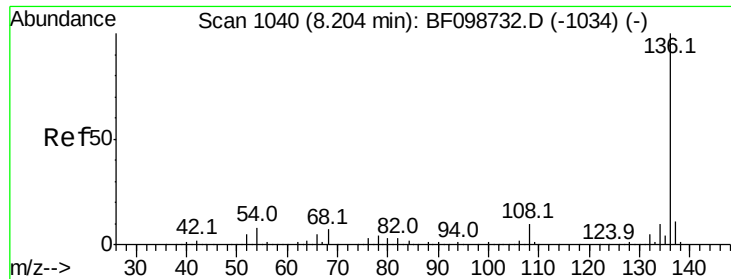
70 100

42 39.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

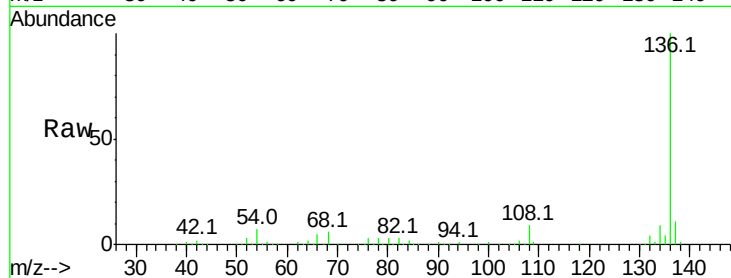




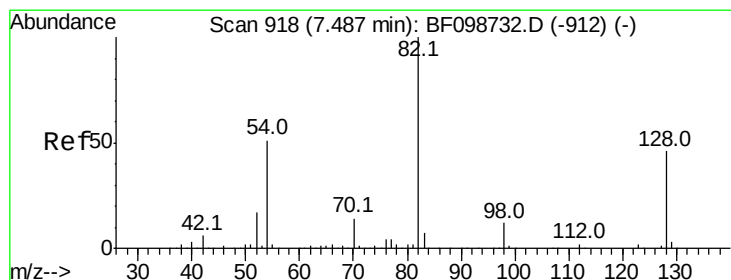
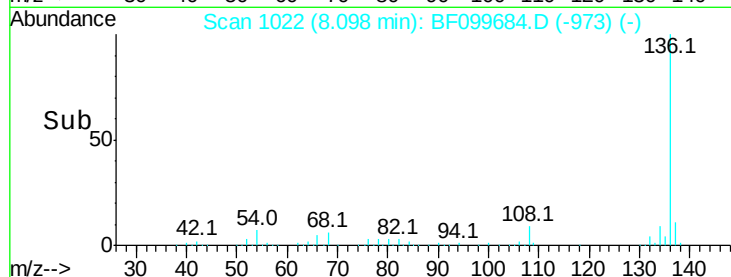
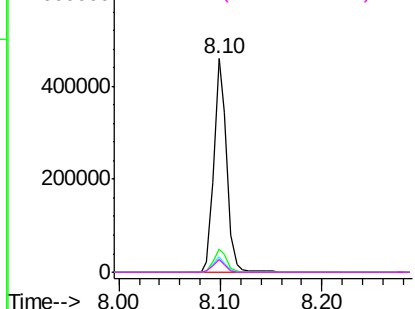
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099684.D
Acq: 20 Oct 2017 3:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	403417
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.0	6.6	9.8
68	6.0	5.0	7.4

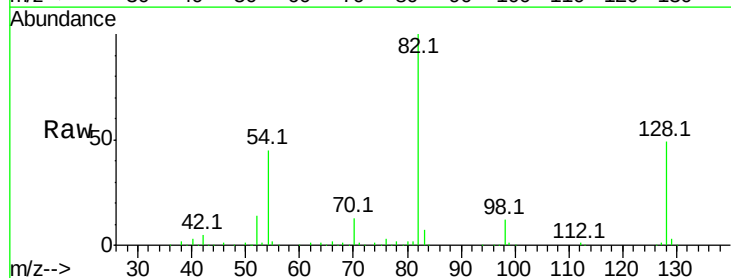


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

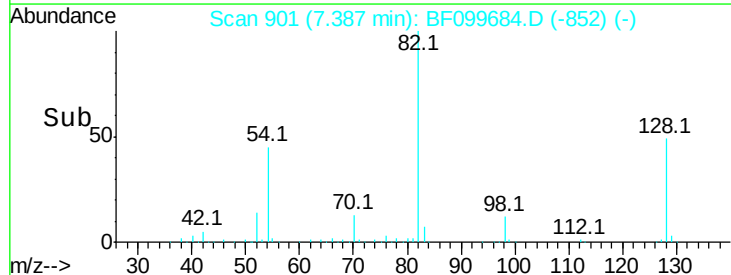
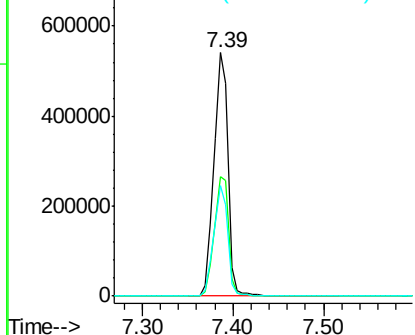


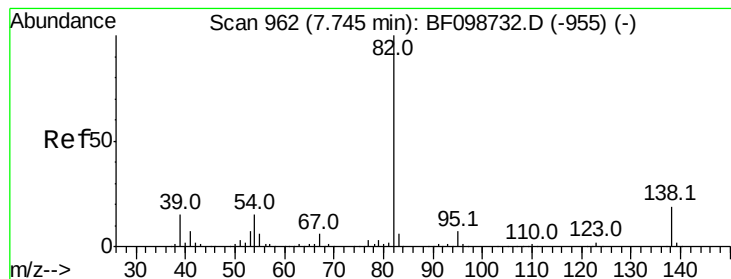
#23
Nitrobenzene-d5
Concen: 93.012 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099684.D
Acq: 20 Oct 2017 3:52

Tgt Ion:	82	Resp:	585102
Ion	Ratio	Lower	Upper
82	100		
128	49.2	36.1	54.1
54	45.2	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: 44.987 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.27 min

Lab File: BF099684.D

Acq: 20 Oct 2017 3:52

Instrument :

BNA_F

ClientSampleId :

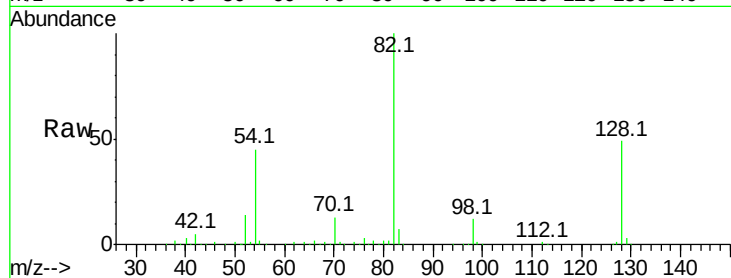
Tot Ion: 82 Resp: 585098

Ion Ratio Lower Upper

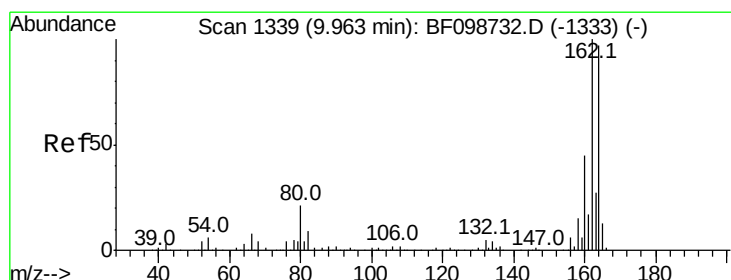
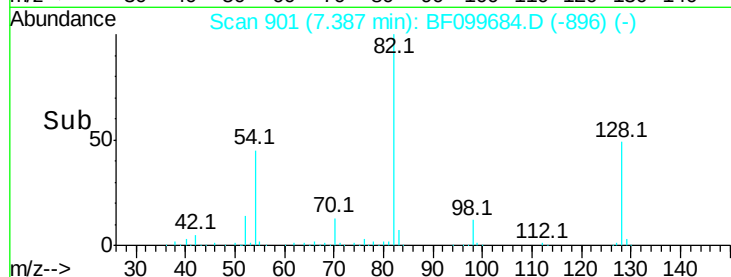
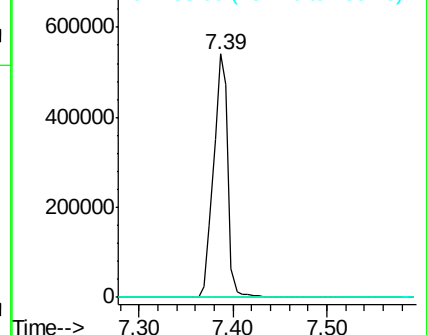
82 100

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: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BF099684.D

Acq: 20 Oct 2017 3:52

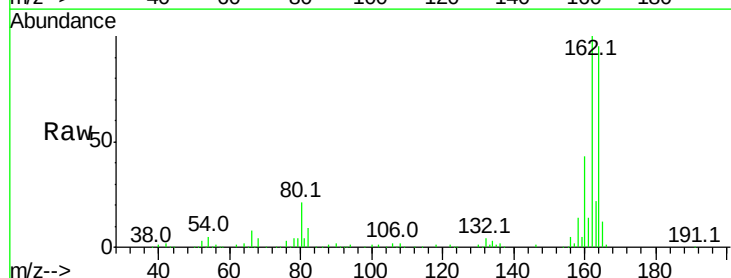
Tgt Ion:164 Resp: 174708

Ion Ratio Lower Upper

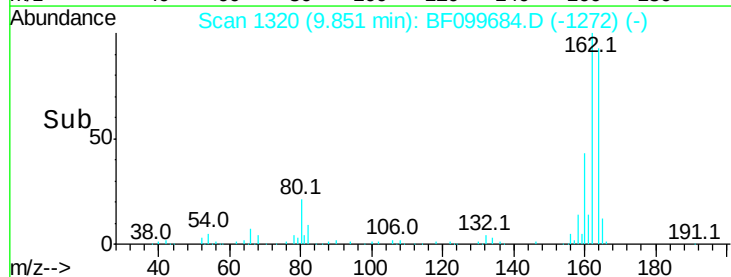
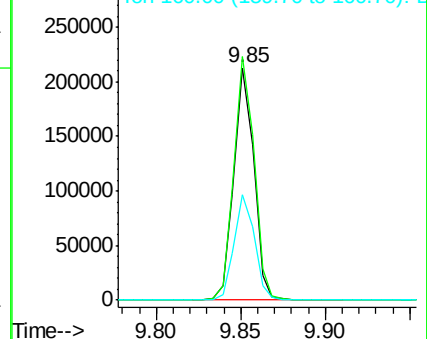
164 100

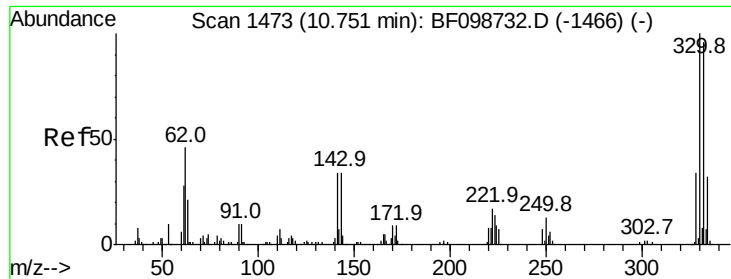
162 104.7 86.1 129.1

160 45.2 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

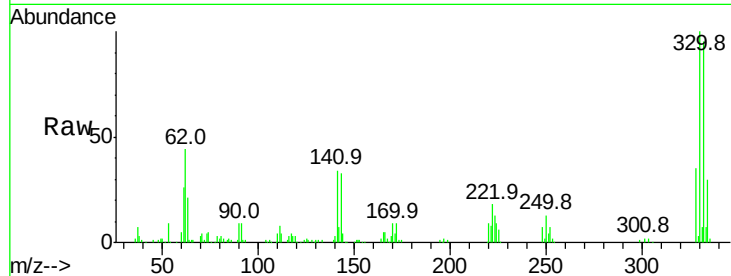




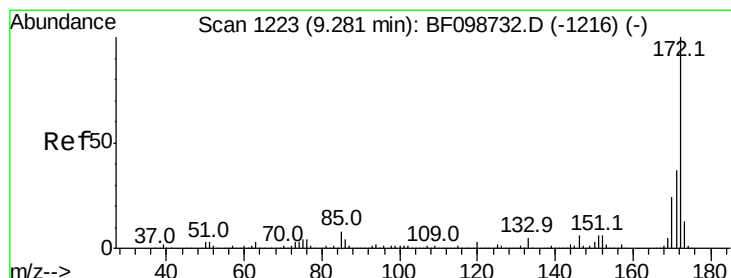
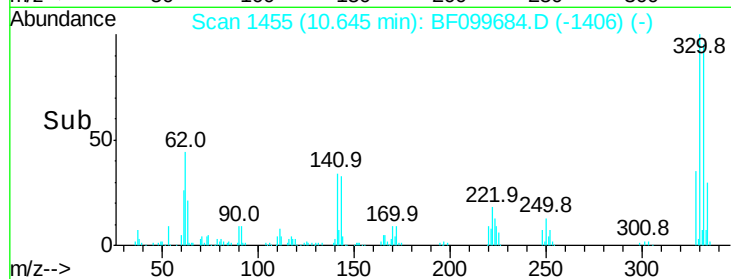
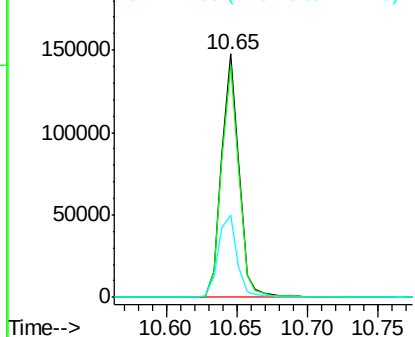
#41
 2,4,6-Tribromophenol
 Concen: 89.187 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099684.D
 Acq: 20 Oct 2017 3:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	36.7	29.9	44.9

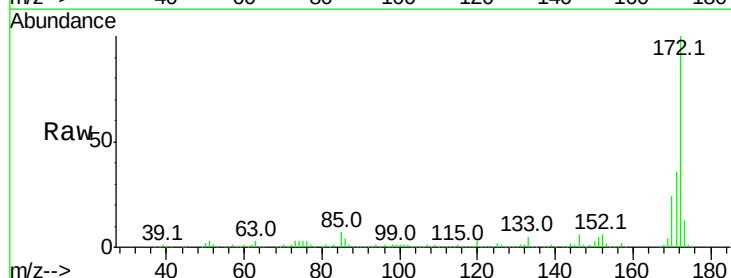


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

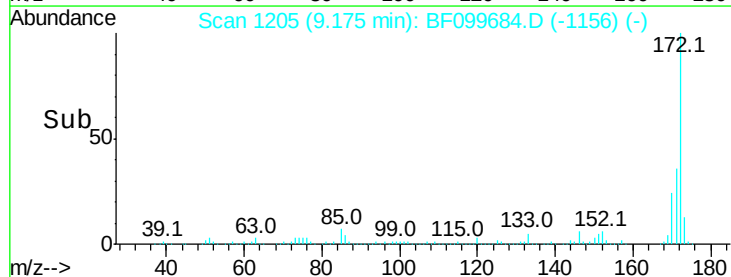
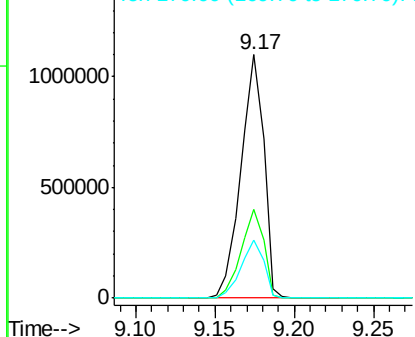


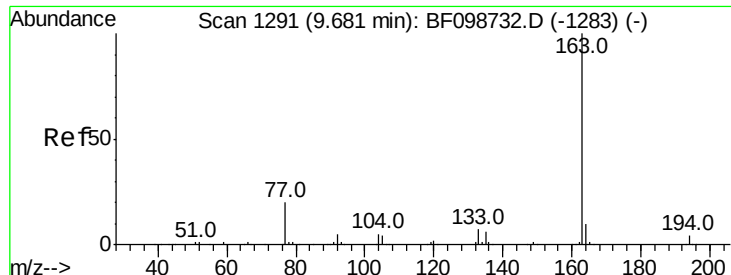
#44
 2-Fluorobiphenyl
 Concen: 104.886 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF099684.D
 Acq: 20 Oct 2017 3:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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

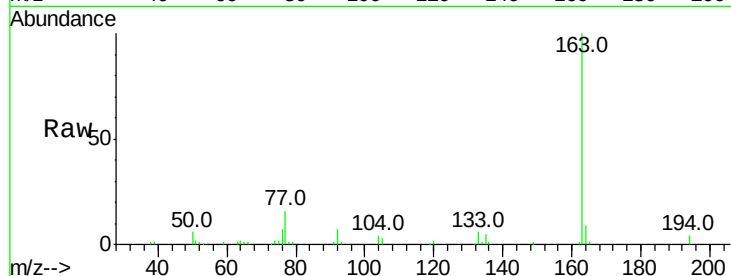




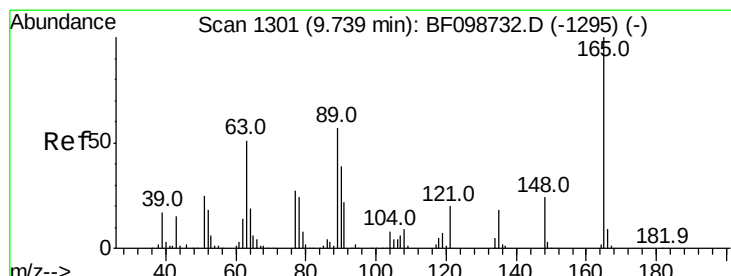
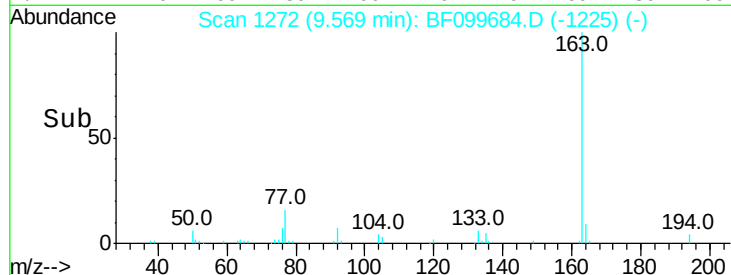
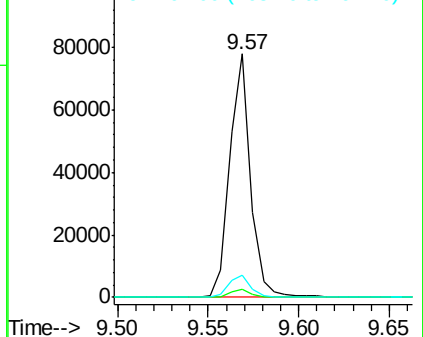
#49
Dimethylphthalate
Concen: 4.718 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF099684.D
Acq: 20 Oct 2017 3:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 62206
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.3 8.2 12.2

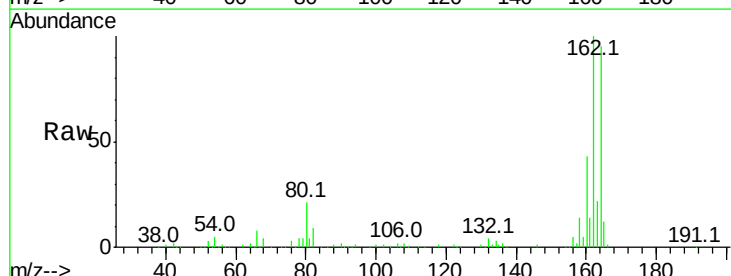


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

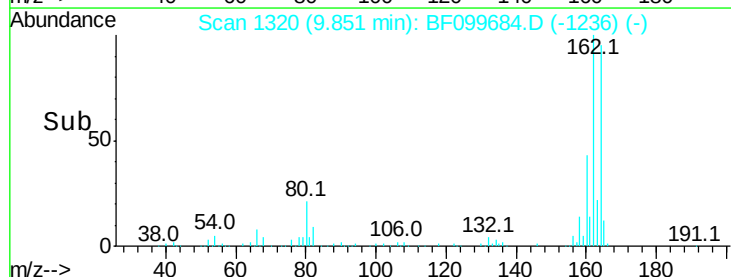
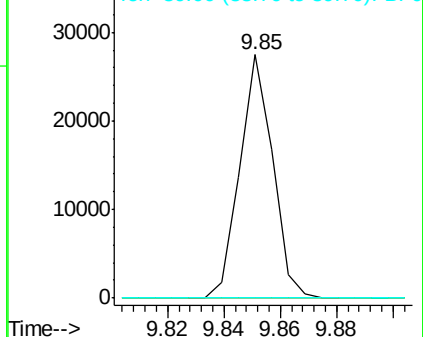


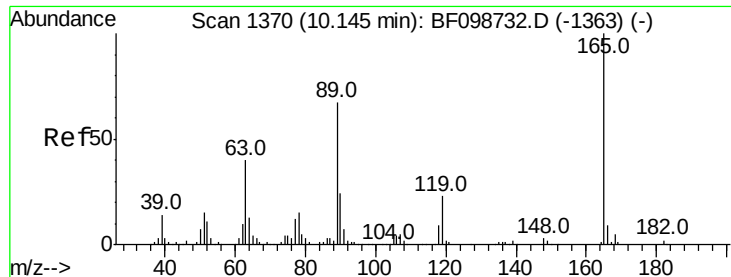
#50
2,6-Dinitrotoluene
Concen: 7.730 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.19 min
Lab File: BF099684.D
Acq: 20 Oct 2017 3:52

Tgt Ion:165 Resp: 22191
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

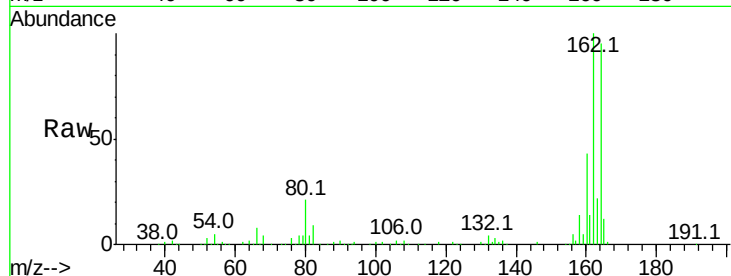




#56
 2,4-Dinitrotoluene
 Concen: 5.956 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.22 min
 Lab File: BF099684.D
 Acq: 20 Oct 2017 3:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	22191
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#

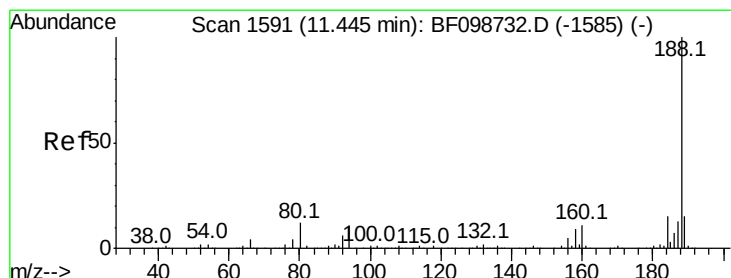
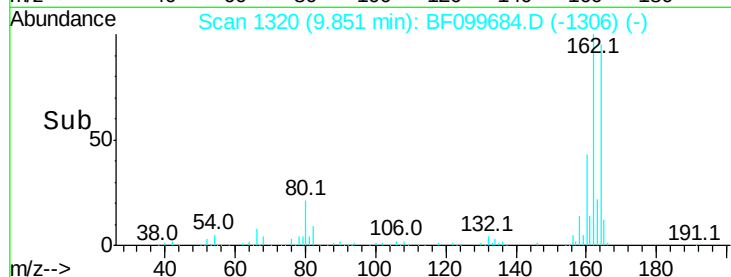
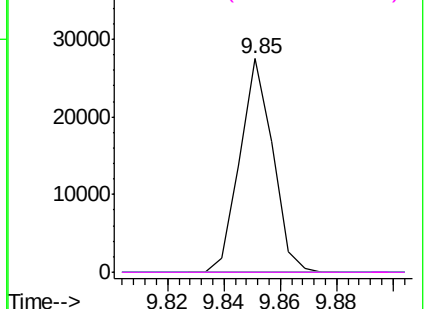


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

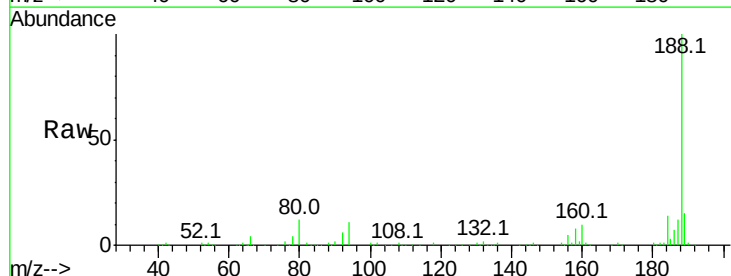
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF099684.D
 Acq: 20 Oct 2017 3:52

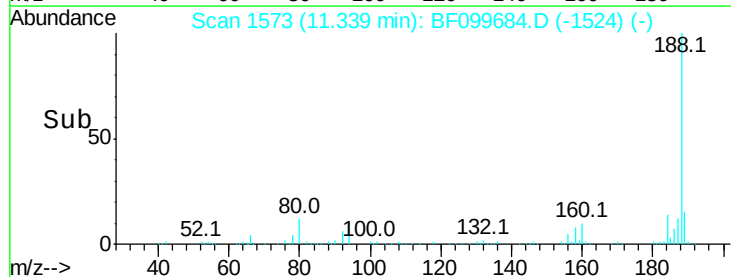
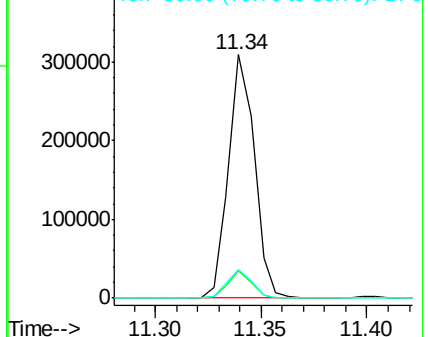
Tgt Ion:	188	Resp:	262286
Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.8	9.2	13.8

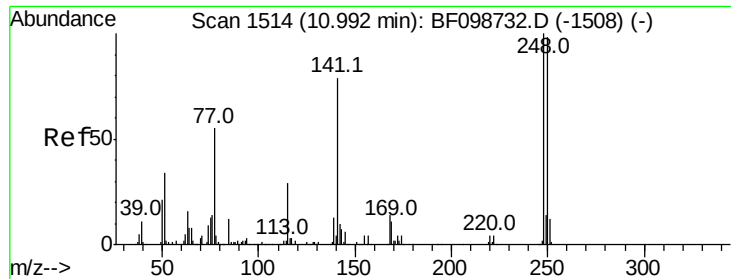


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

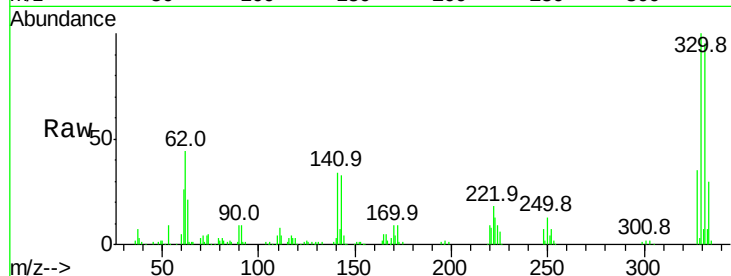




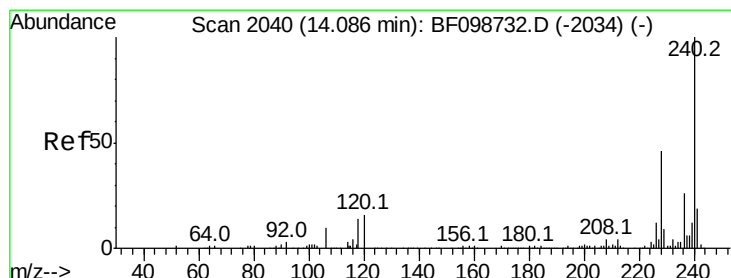
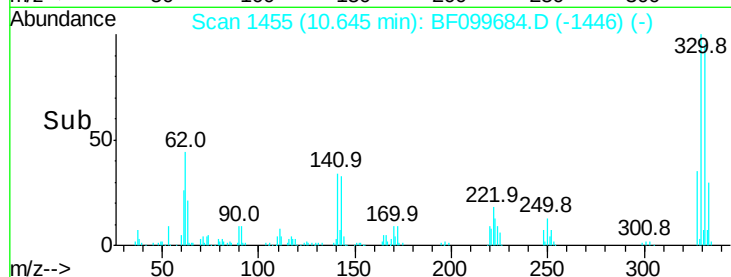
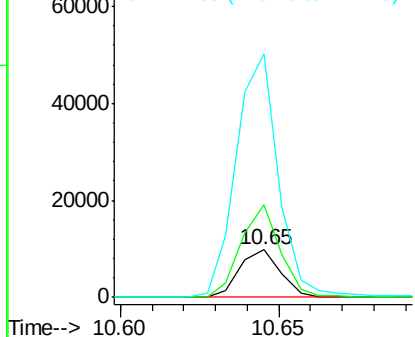
#66
 4-Bromophenyl-phenylether
 Concen: 3.408 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.25 min
 Lab File: BF099684.D
 Acq: 20 Oct 2017 3:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8750
 Ion Ratio Lower Upper
 248 100
 250 194.8 76.9 115.3#
 141 512.4 74.4 111.6#

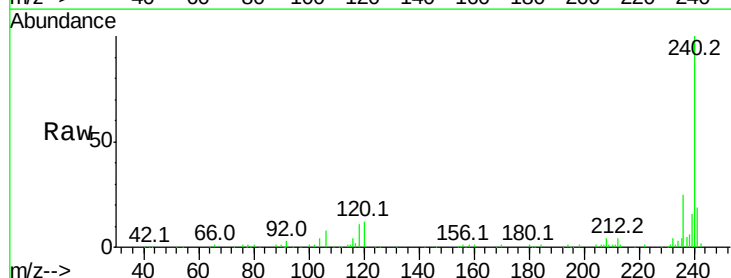


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

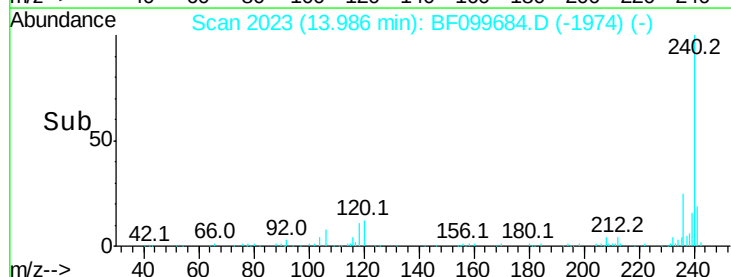
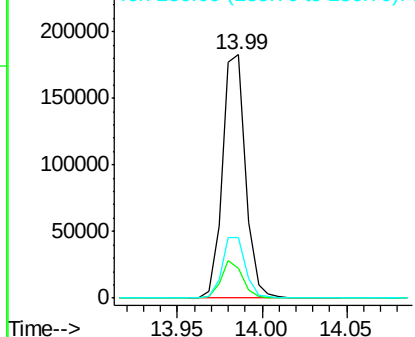


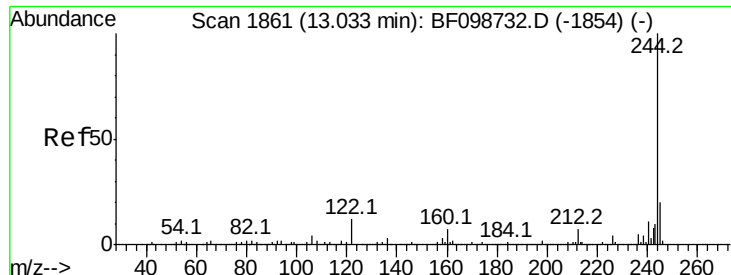
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF099684.D
 Acq: 20 Oct 2017 3:52

Tgt Ion:240 Resp: 173769
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.5 14.3
 236 24.8 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: 95.384 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF099684.D

Acq: 20 Oct 2017 3:52

Instrument :

BNA_F

ClientSampleId :

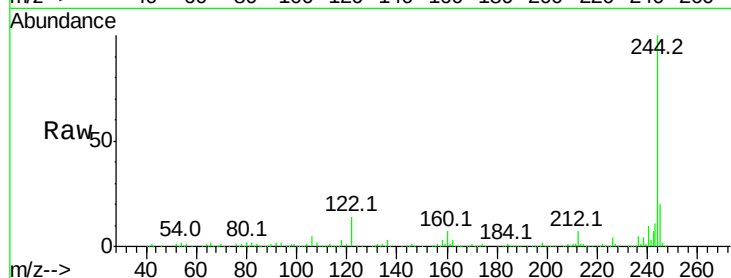
Tot Ion:244 Resp: 728820

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

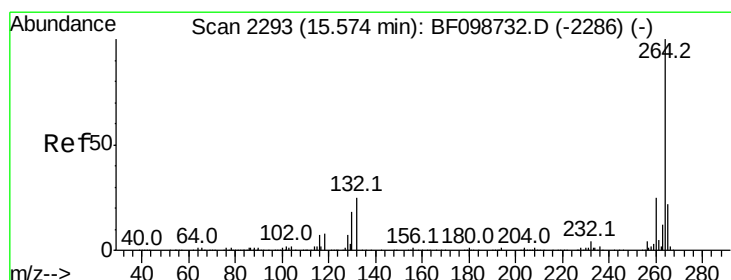
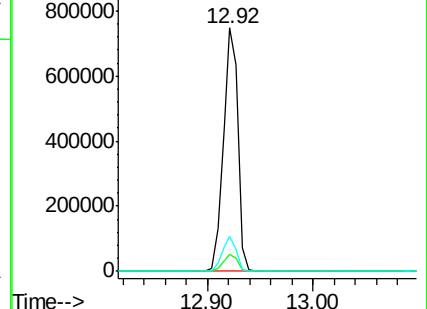
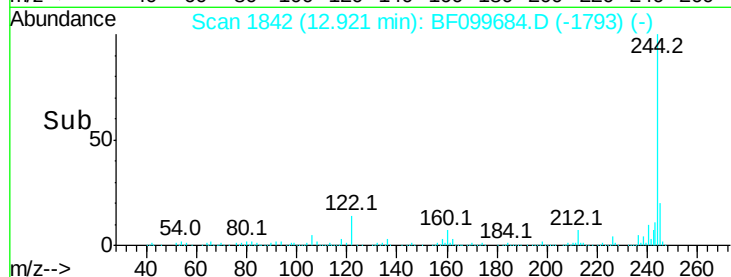
122 14.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF099684.D

Acq: 20 Oct 2017 3:52

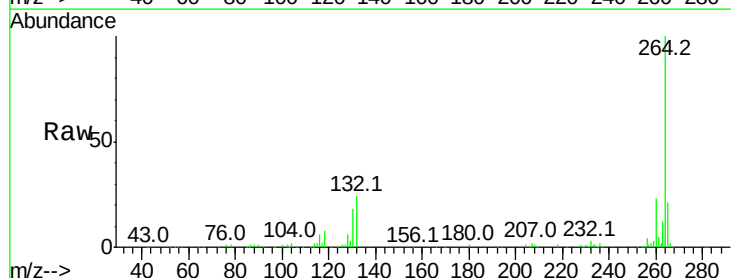
Tgt Ion:264 Resp: 188123

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.9 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

