

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099676.D
 Acq On : 20 Oct 2017 00:10
 Operator : SJ/JU
 Sample : I5972-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 12:52:35 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

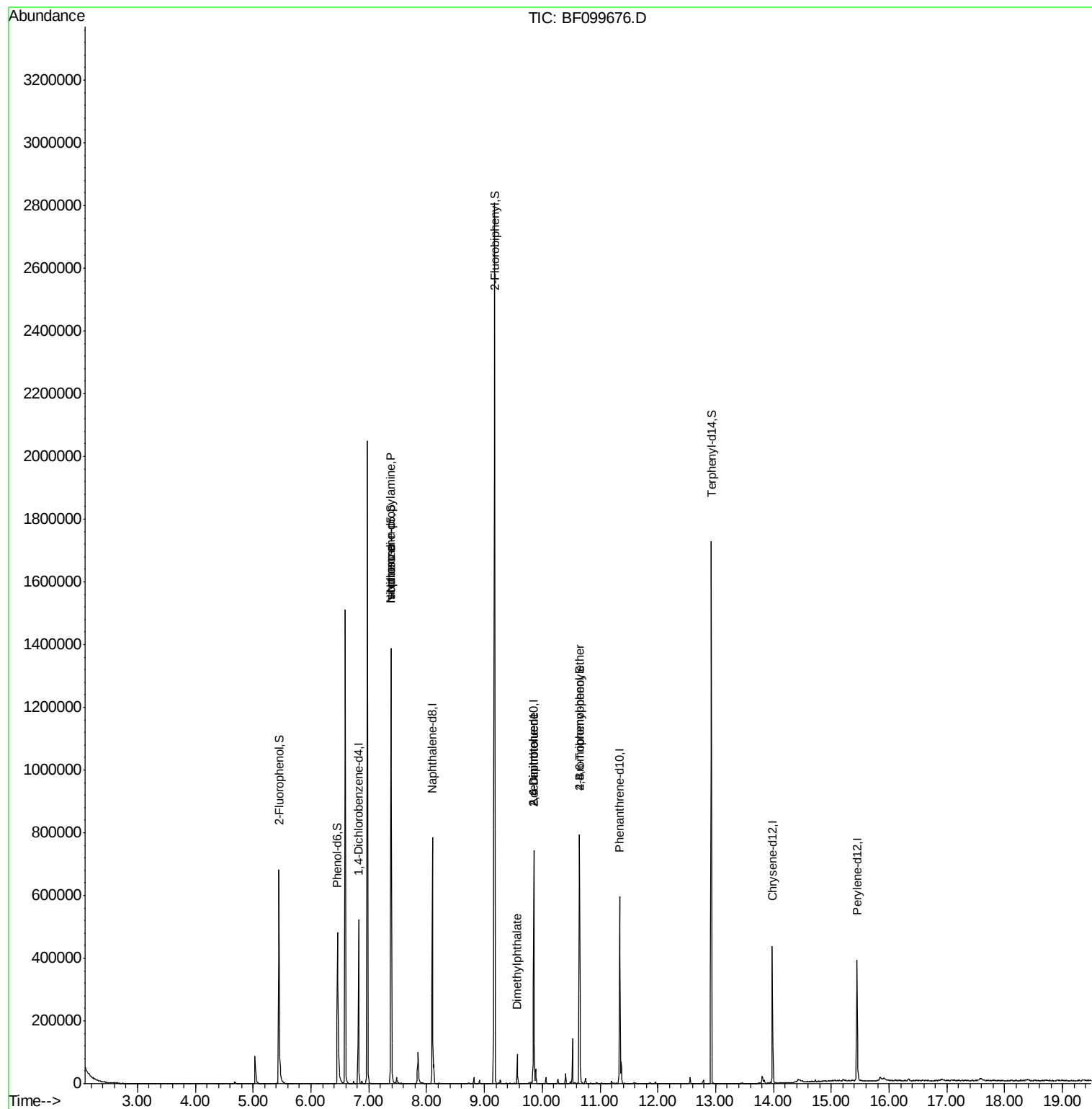
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	87670	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	350071	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	141836	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	199286	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	148017	20.00	ng	-0.02
86) Perylene-d12	15.44	264	165746	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	229154	41.61	ng	0.00
7) Phenol-d6	6.46	99	180196	26.52	ng	-0.02
23) Nitrobenzene-d5	7.39	82	502849	92.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	88753	76.47	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	901255	106.08	ng	-0.01
78) Terphenyl-d14	12.92	244	536865	82.49	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	63521	14.644	ng	# 73
25) Isophorone	7.39	82	502842	44.554	ng	# 64
49) Dimethylphthalate	9.57	163	39292	3.670	ng	# 99
50) 2,6-Dinitrotoluene	9.85	165	17723	7.605	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	17723	5.860	ng	# 21
66) 4-Bromophenyl-phenylether	10.65	248	5852	3.000	ng	# 1

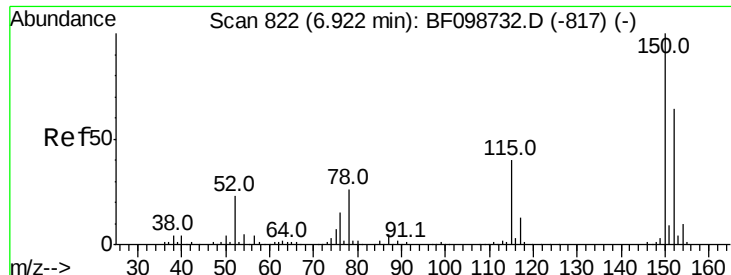
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
Data File : BF099676.D
Acq On : 20 Oct 2017 00:10
Operator : SJ/JU
Sample : I5972-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 20 12:52:35 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



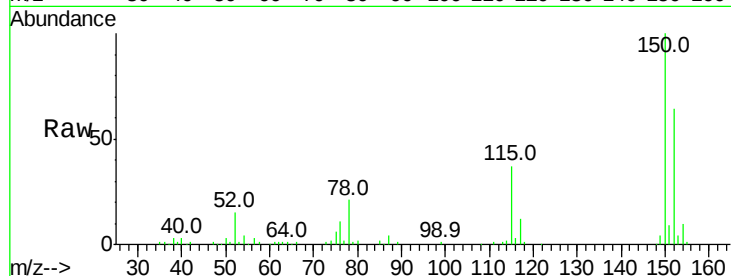


#1

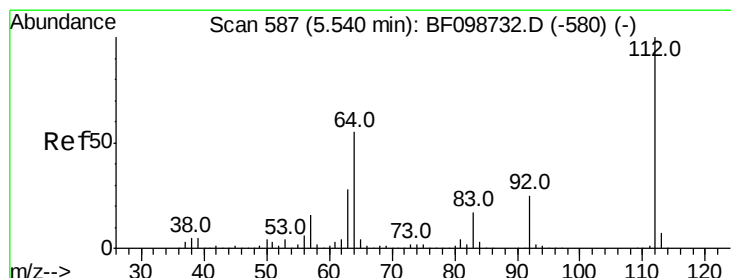
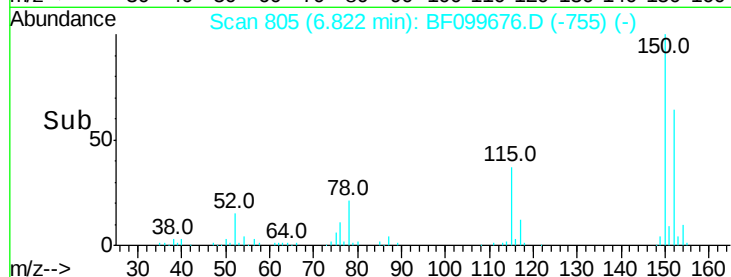
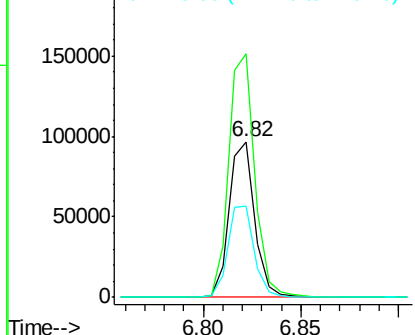
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF099676.D
Acq: 20 Oct 2017 00:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87670
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 58.2 50.1 75.1



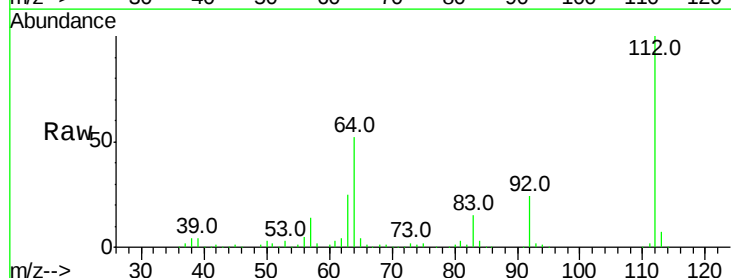
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



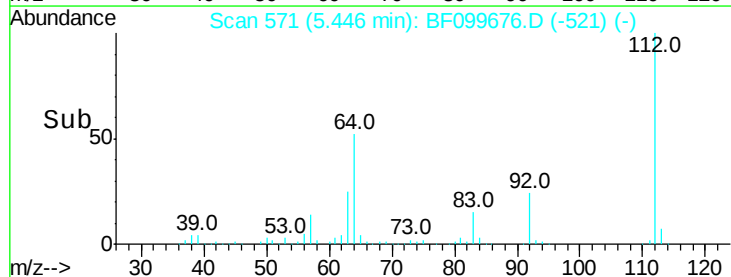
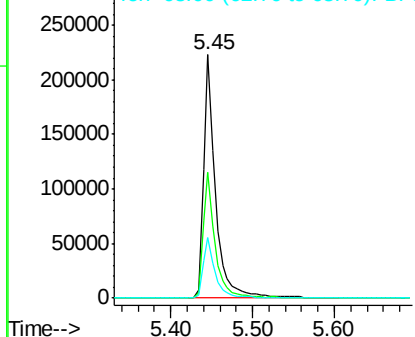
#5

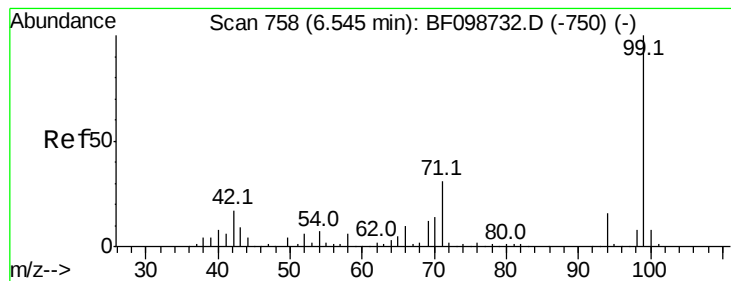
2-Fluorophenol
Concen: 41.609 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF099676.D
Acq: 20 Oct 2017 00:10

Tgt Ion:112 Resp: 229154
Ion Ratio Lower Upper
112 100
64 51.6 47.9 71.9
63 24.8 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: 26.524 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF099676.D

Acq: 20 Oct 2017 00:10

Instrument :

BNA_F

ClientSampleId :

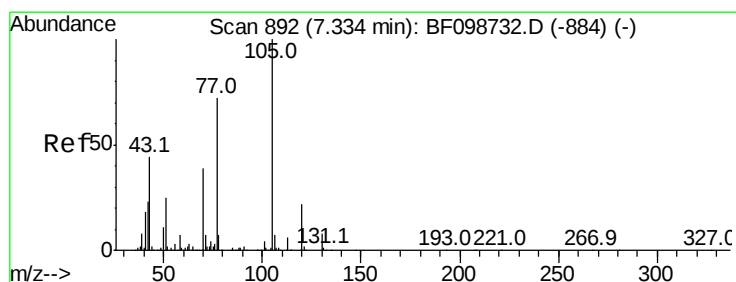
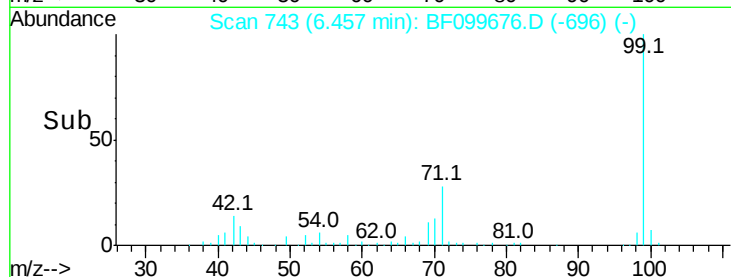
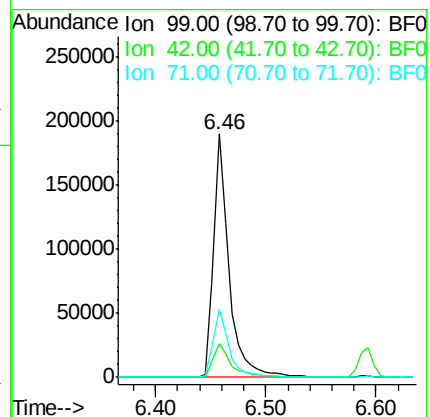
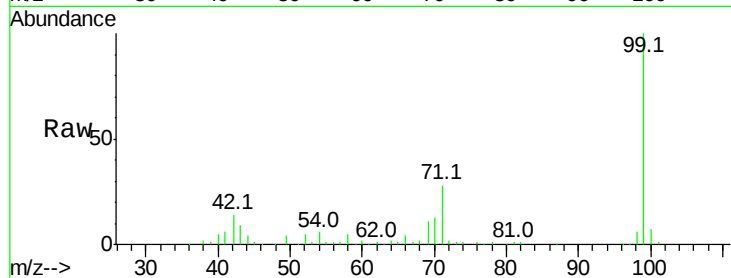
Tot Ion: 99 Resp: 180196

Ion Ratio Lower Upper

99 100

42 14.0 14.5 21.7#

71 28.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.644 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.14 min

Lab File: BF099676.D

Acq: 20 Oct 2017 00:10

Tgt Ion: 70 Resp: 63521

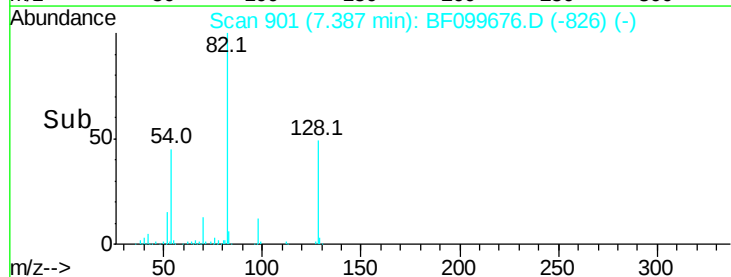
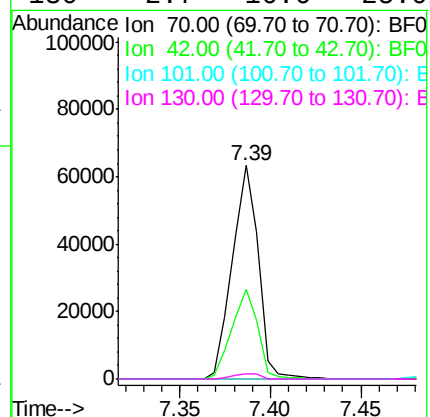
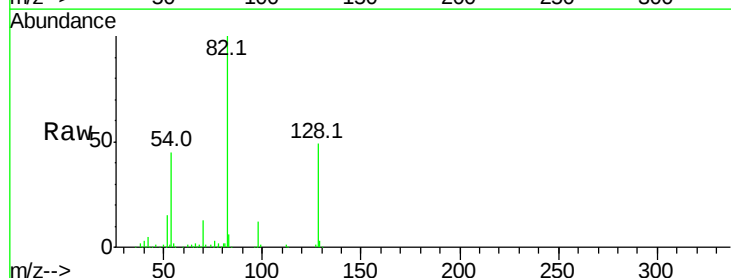
Ion Ratio Lower Upper

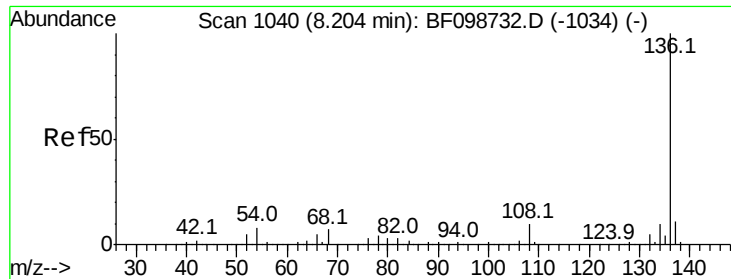
70 100

42 41.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

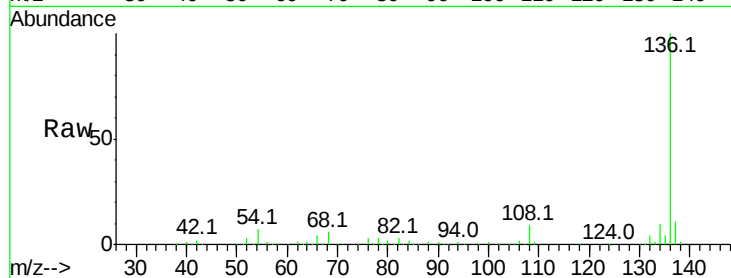




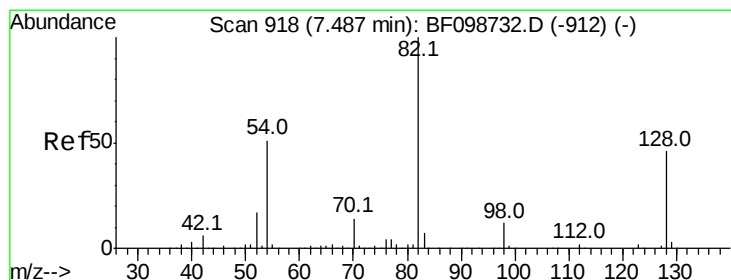
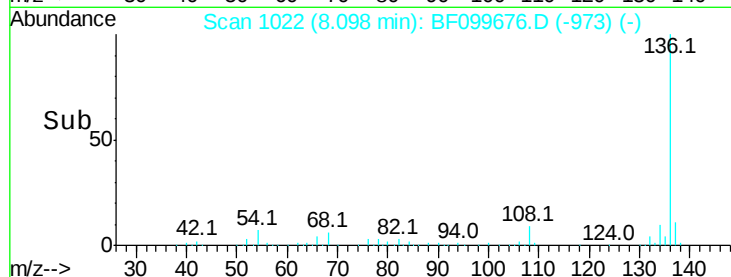
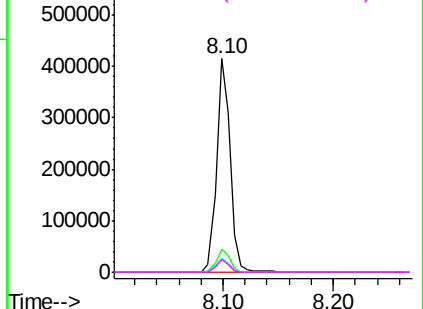
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099676.D
Acq: 20 Oct 2017 00:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	350071
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4

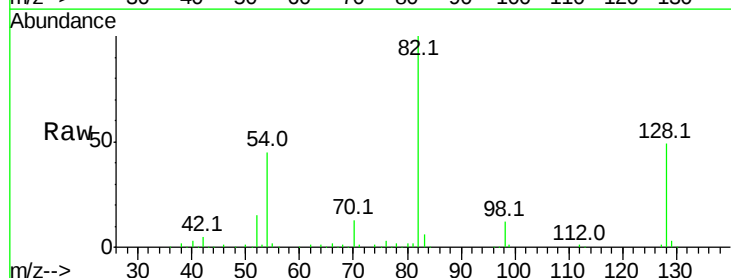


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

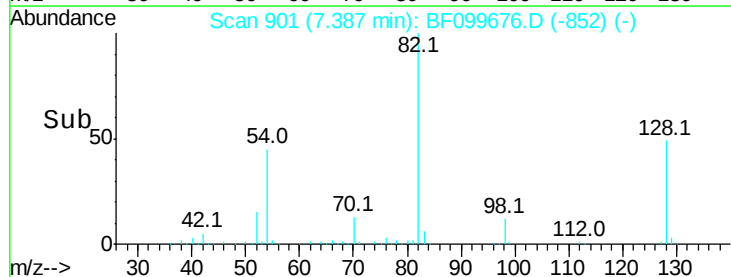
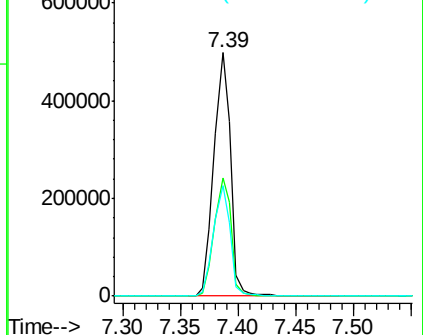


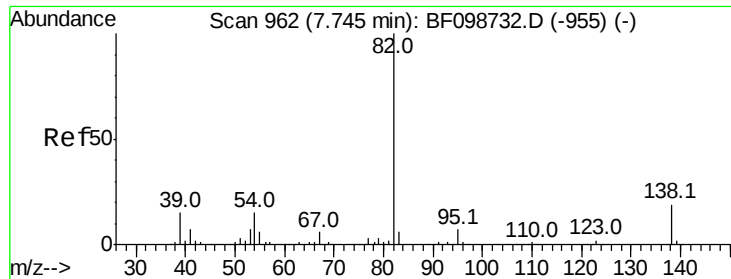
#23
Nitrobenzene-d5
Concen: 92.118 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099676.D
Acq: 20 Oct 2017 00:10

Tgt Ion:	82	Resp:	502849
Ion	Ratio	Lower	Upper
82	100		
128	48.7	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): B
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 44.554 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.27 min

Lab File: BF099676.D

Acq: 20 Oct 2017 00:10

Instrument :

BNA_F

ClientSampleId :

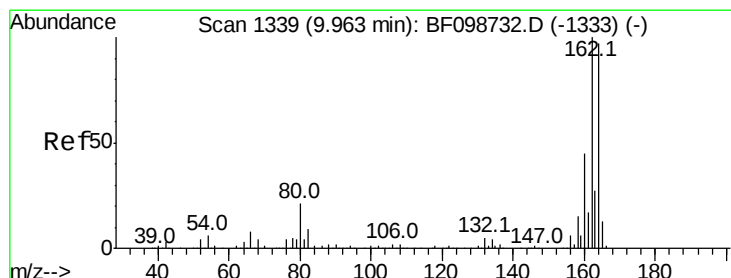
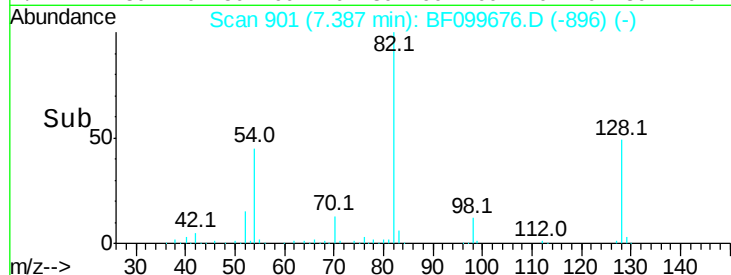
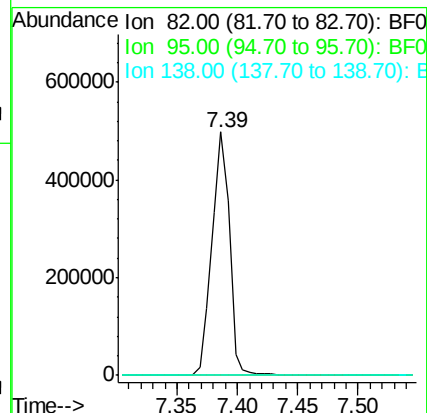
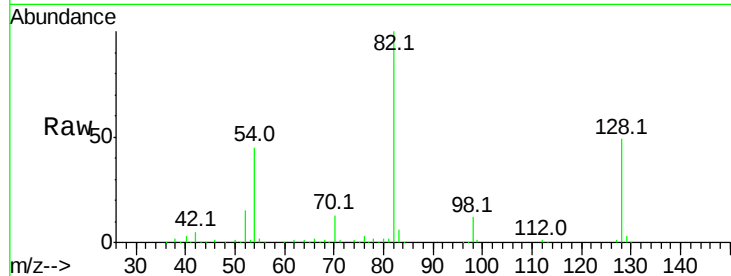
Tot Ion: 82 Resp: 502842

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BF099676.D

Acq: 20 Oct 2017 00:10

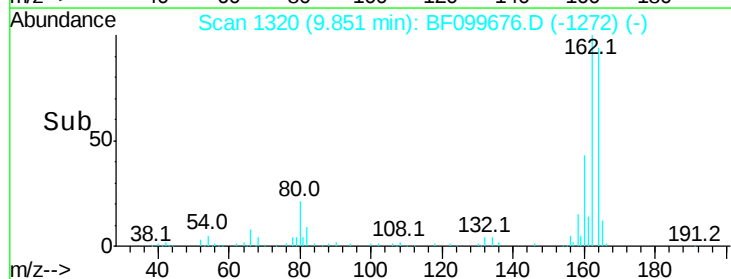
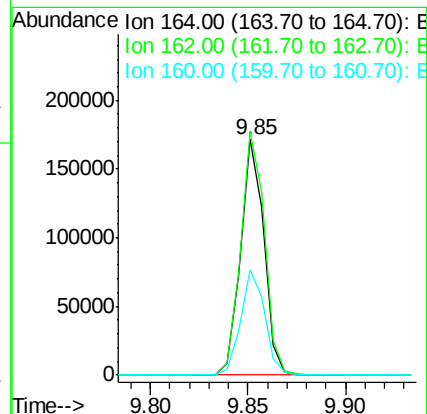
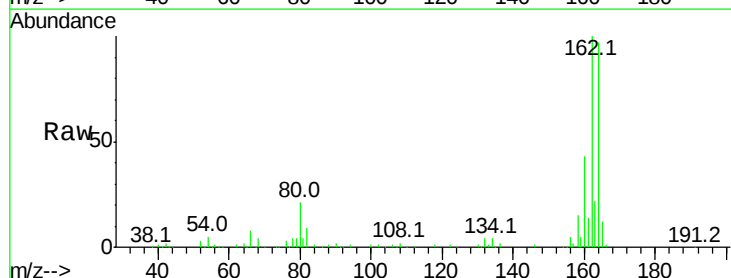
Tgt Ion:164 Resp: 141836

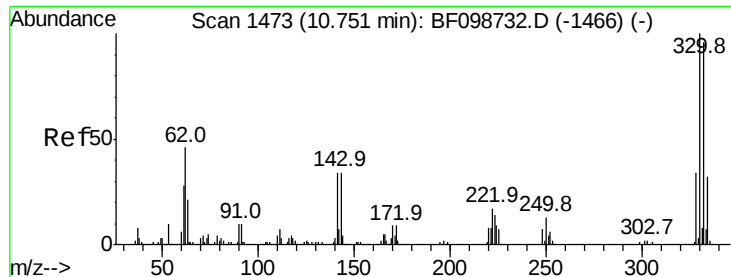
Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

160 44.7 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 76.471 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF099676.D

Acq: 20 Oct 2017 00:10

Instrument :

BNA_F

ClientSampleId :

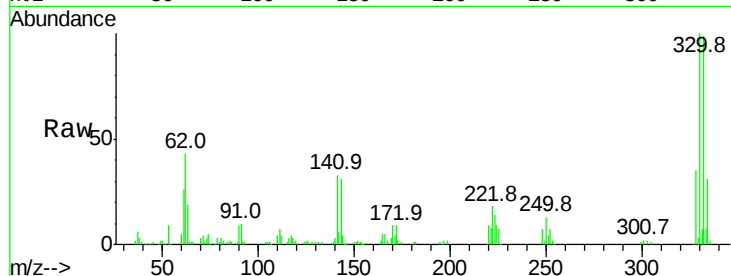
Tot Ion:330 Resp: 88753

Ion Ratio Lower Upper

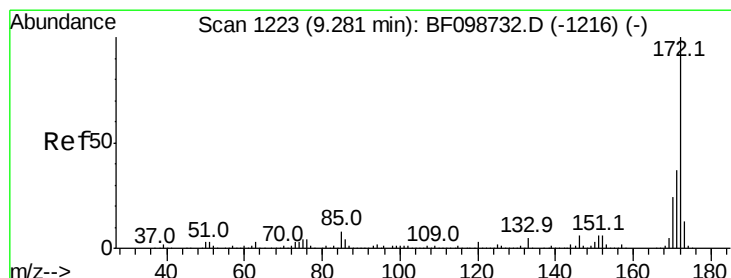
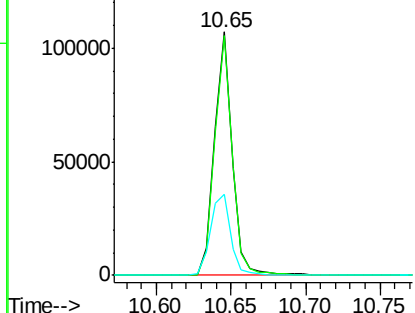
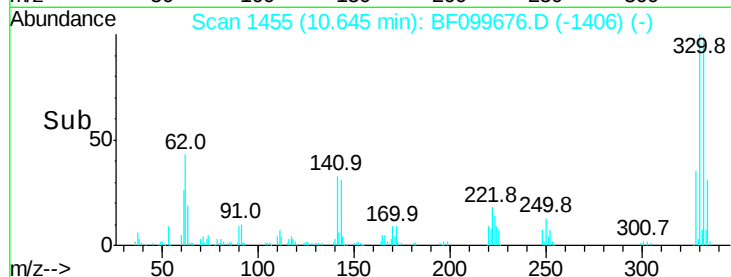
330 100

332 97.7 77.0 115.6

141 37.7 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: 106.078 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF099676.D

Acq: 20 Oct 2017 00:10

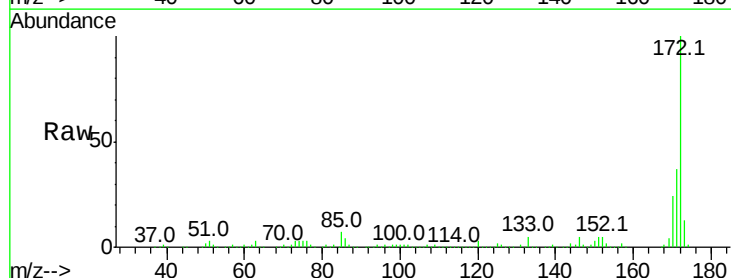
Tgt Ion:172 Resp: 901255

Ion Ratio Lower Upper

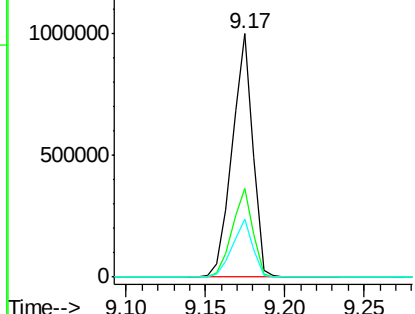
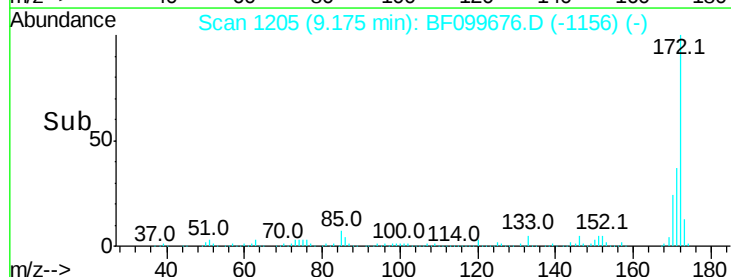
172 100

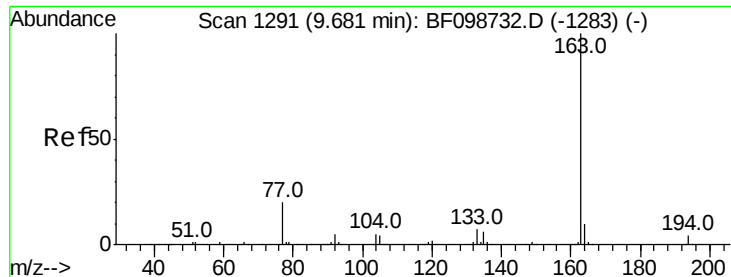
171 36.5 29.7 44.5

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

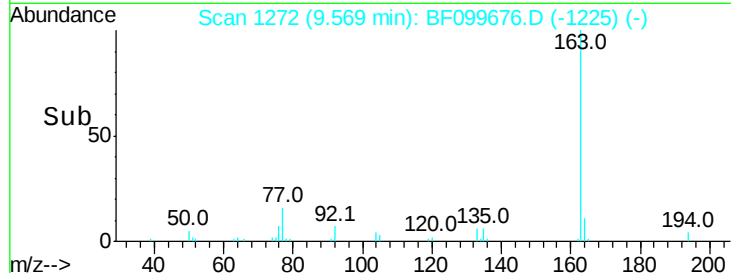
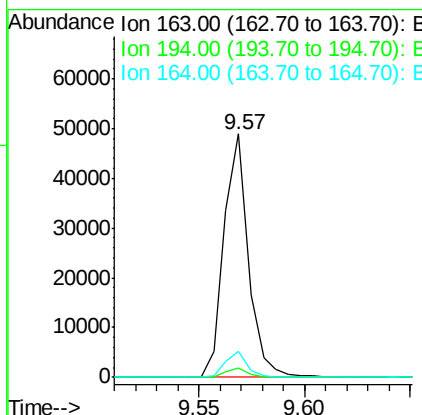
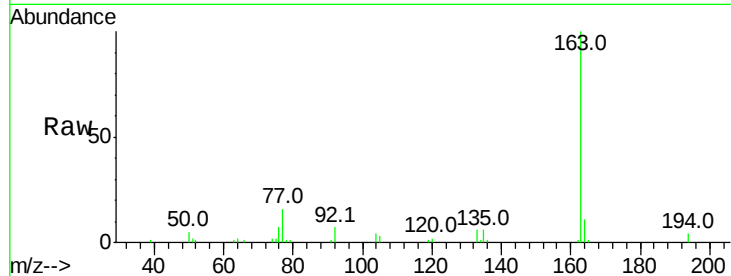




#49
Dimethylphthalate
Concen: 3.670 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF099676.D
Acq: 20 Oct 2017 00:10

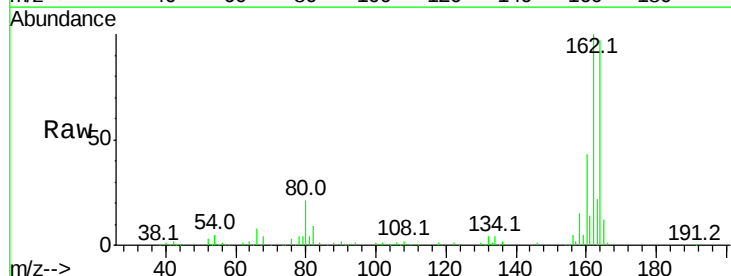
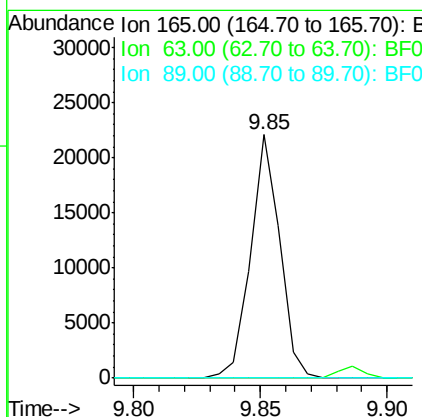
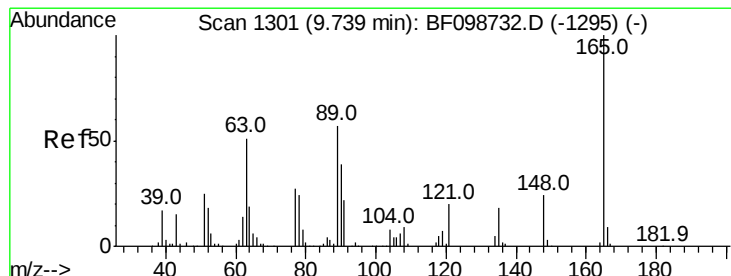
Instrument :
BNA_F
ClientSampleId :

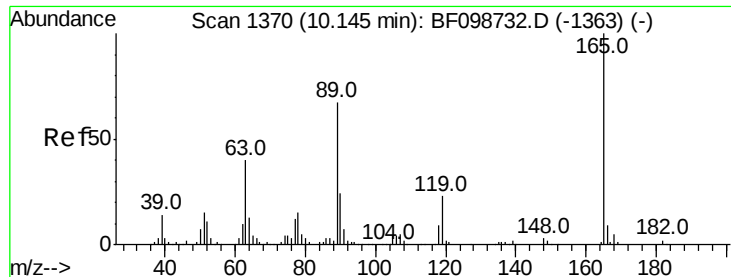
Tot Ion:163 Resp: 39292
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.7 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.605 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.19 min
Lab File: BF099676.D
Acq: 20 Oct 2017 00:10

Tgt Ion:165 Resp: 17723
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

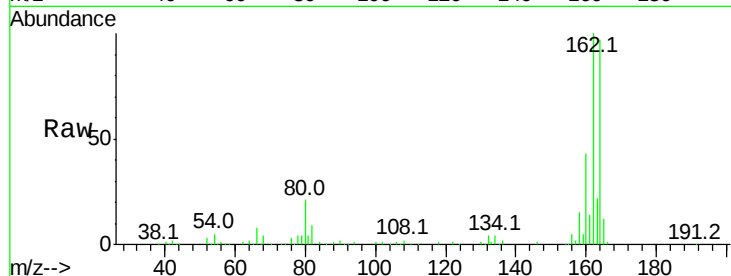




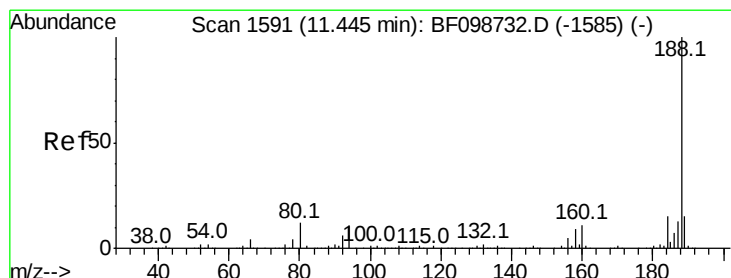
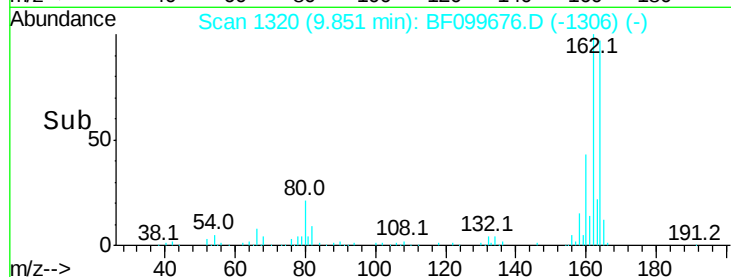
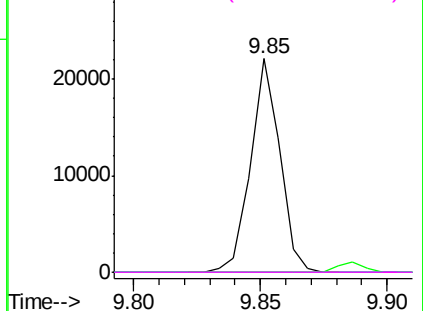
#56
 2,4-Dinitrotoluene
 Concen: 5.860 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.22 min
 Lab File: BF099676.D
 Acq: 20 Oct 2017 00:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 17723
 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#



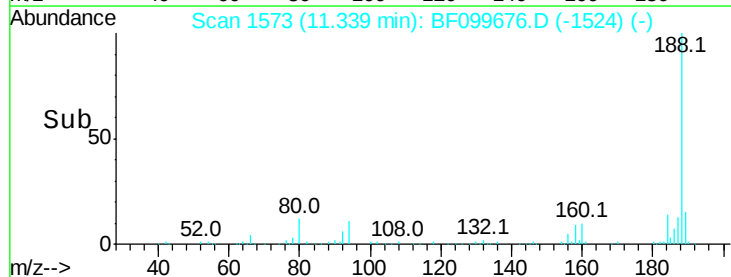
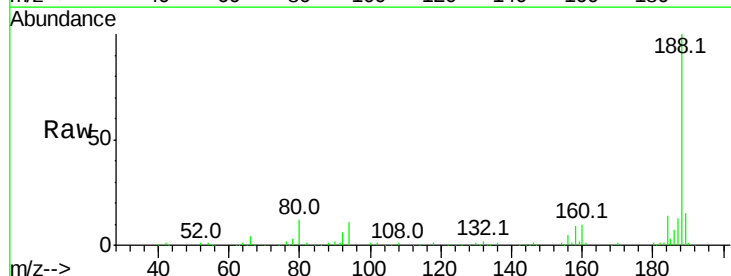
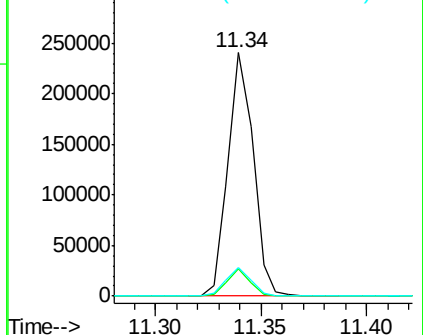
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

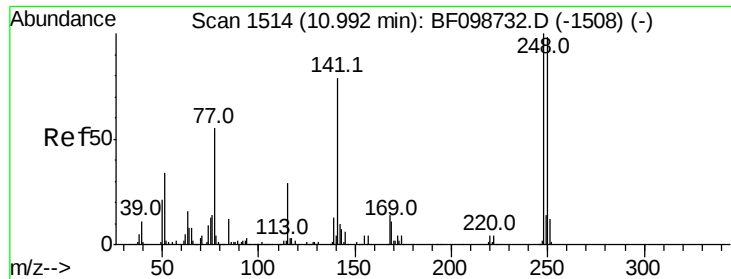


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF099676.D
 Acq: 20 Oct 2017 00:10

Tgt Ion:188 Resp: 199286
 Ion Ratio Lower Upper
 188 100
 94 11.0 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

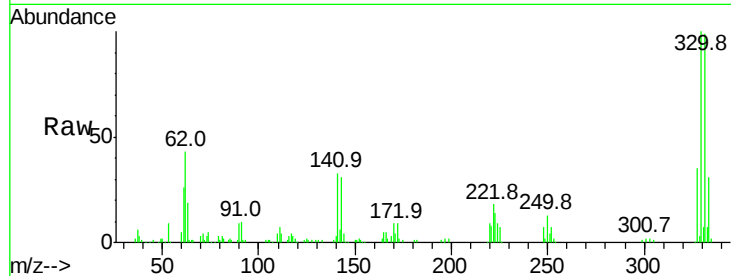




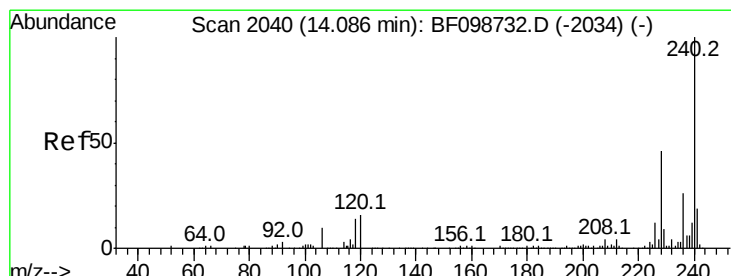
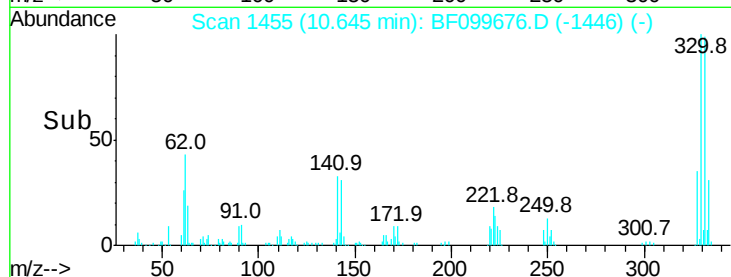
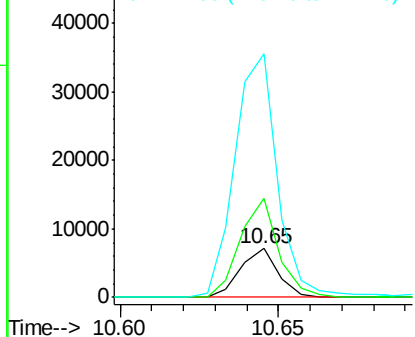
#66
4-Bromophenyl-phenylether
Concen: 3.000 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.25 min
Lab File: BF099676.D
Acq: 20 Oct 2017 00:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 5852
Ion Ratio Lower Upper
248 100
250 203.6 76.9 115.3#
141 502.3 74.4 111.6#

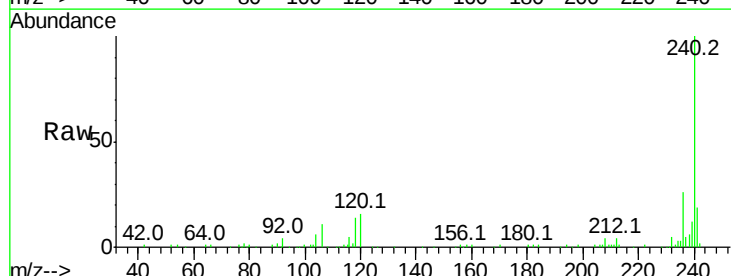


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

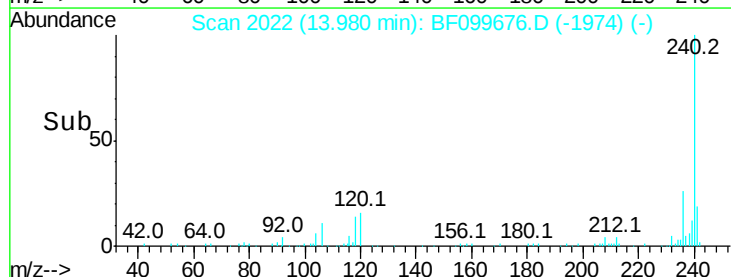
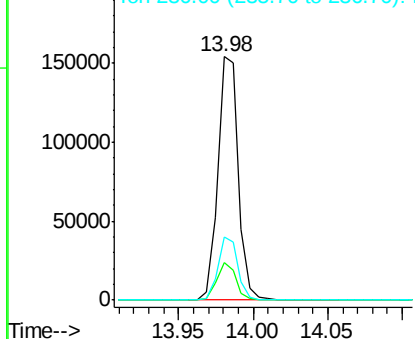


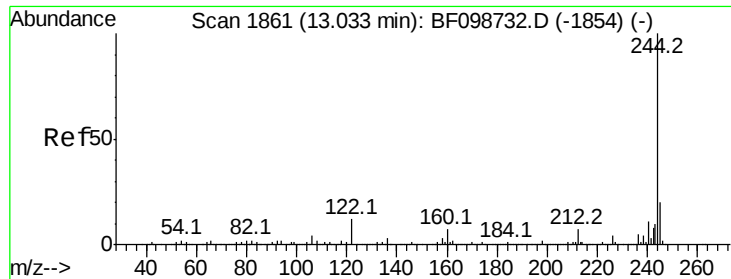
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF099676.D
Acq: 20 Oct 2017 00:10

Tgt Ion:240 Resp: 148017
Ion Ratio Lower Upper
240 100
120 15.7 9.5 14.3#
236 26.0 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: 82.486 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF099676.D

Acq: 20 Oct 2017 00:10

Instrument :

BNA_F

ClientSampleId :

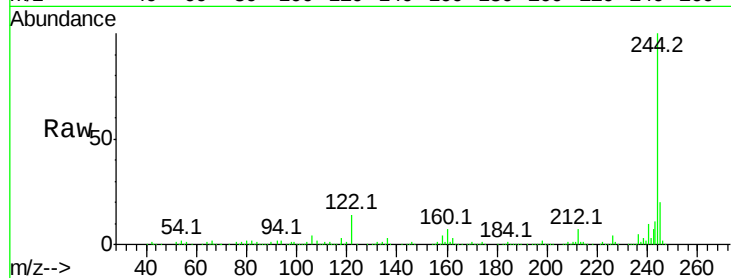
Tot Ion:244 Resp: 536865

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

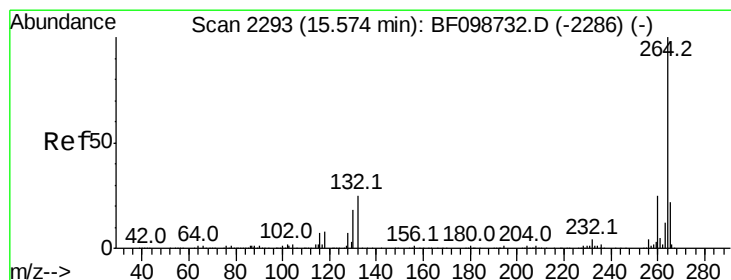
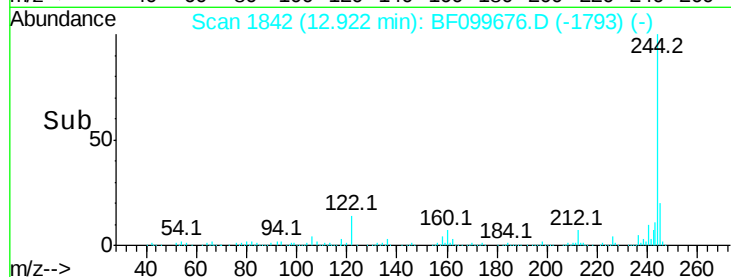
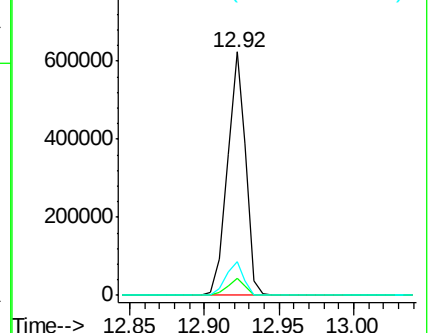
122 14.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF099676.D

Acq: 20 Oct 2017 00:10

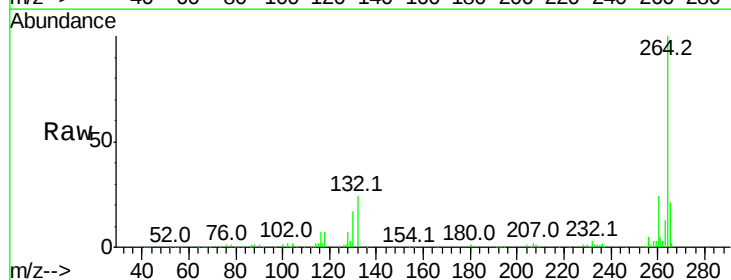
Tgt Ion:264 Resp: 165746

Ion Ratio Lower Upper

264 100

260 24.0 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

