

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098795.D
 Acq On : 25 Sep 2017 21:04
 Operator : SJ/JU
 Sample : I5388-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 05:20:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

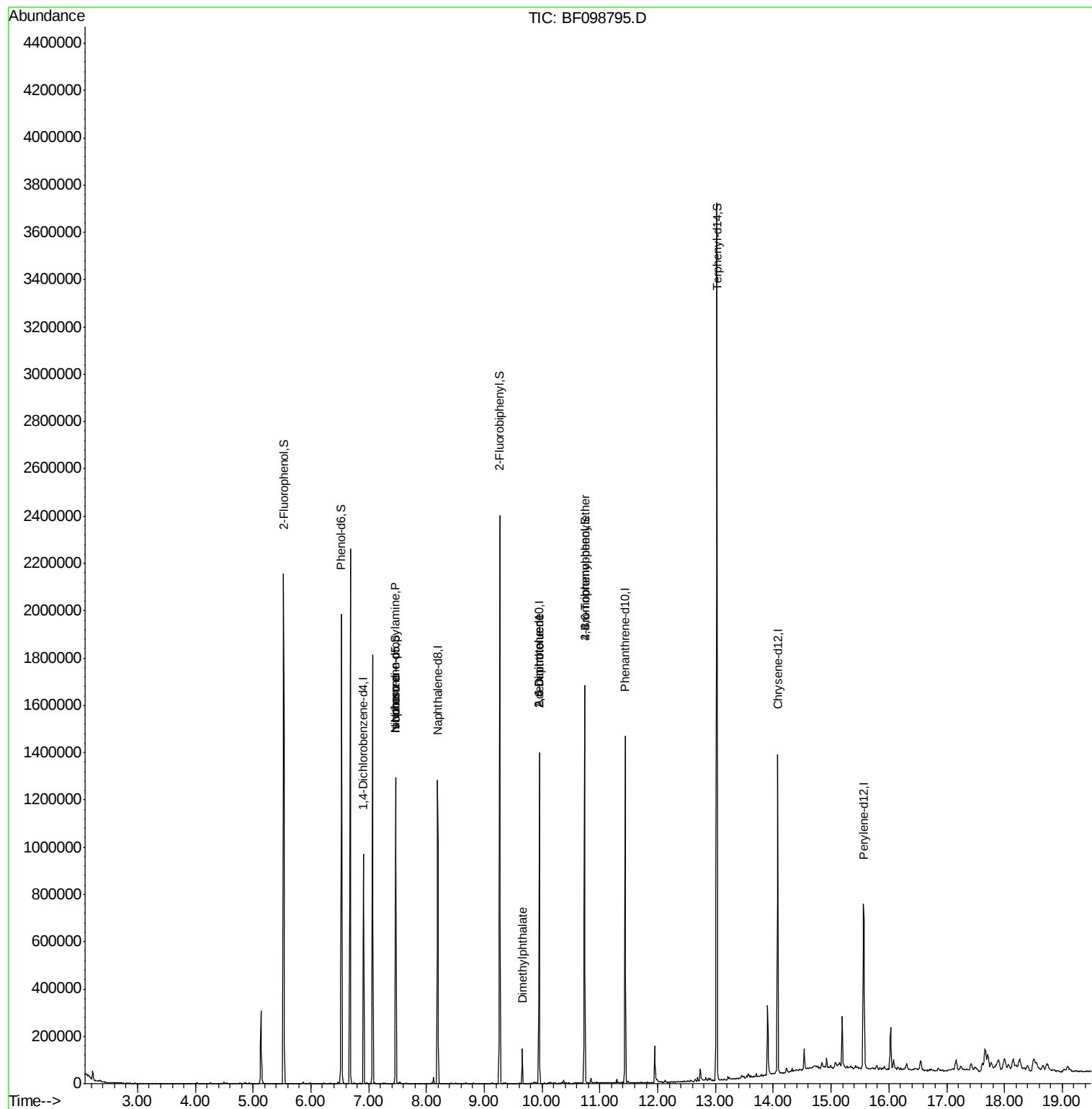
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	135140	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	564335	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	262320	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	496907	20.00	ng	0.00
75) Chrysene-d12	14.07	240	408566	20.00	ng	-0.01
86) Perylene-d12	15.56	264	298430	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	586898	69.13	ng	-0.01
7) Phenol-d6	6.53	99	726175	69.34	ng	-0.02
23) Nitrobenzene-d5	7.47	82	404872	46.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	179735	83.73	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	727540	46.30	ng	-0.01
78) Terphenyl-d14	13.03	244	1317047	73.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	51214	7.660	ng	# 79
25) Isophorone	7.47	82	404712	22.245	ng	# 64
49) Dimethylphthalate	9.66	163	50183	2.535	ng	# 99
50) 2,6-Dinitrotoluene	9.95	165	33353	7.738	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	33353	5.962	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	13077	2.689	ng	# 1

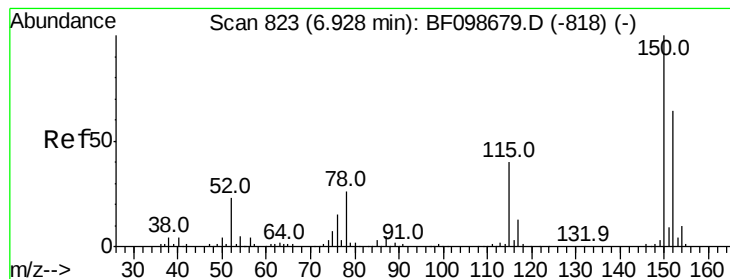
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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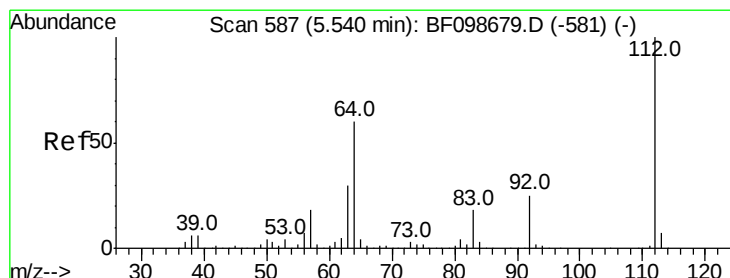
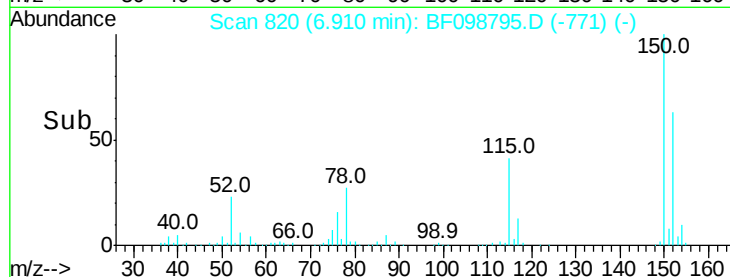
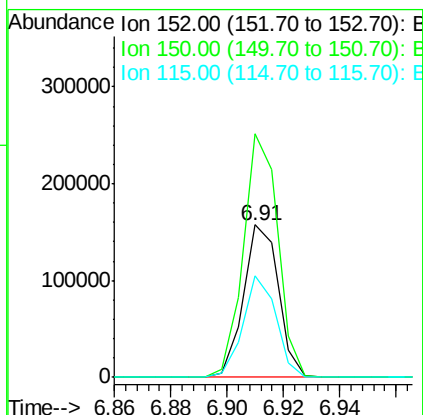
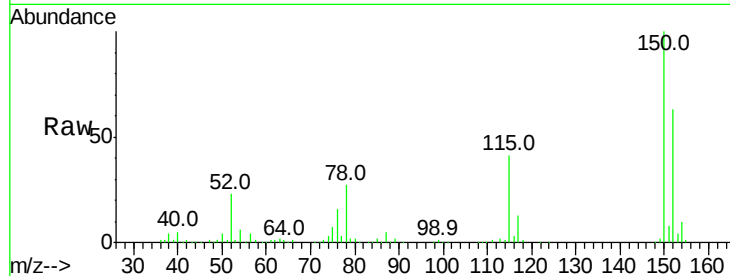


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098795.D
Acq: 25 Sep 2017 21:04

Instrument :
BNA_F
ClientSampleId :

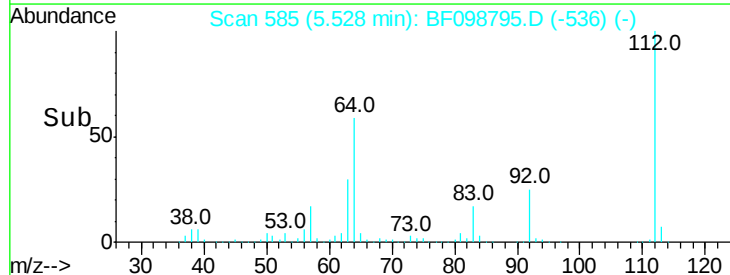
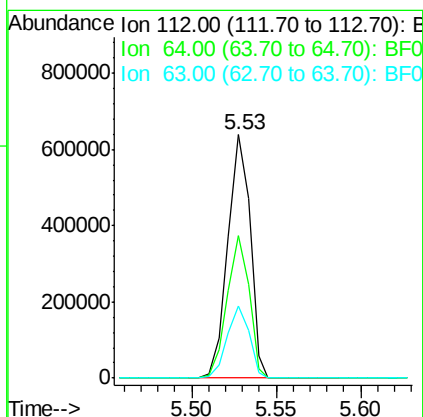
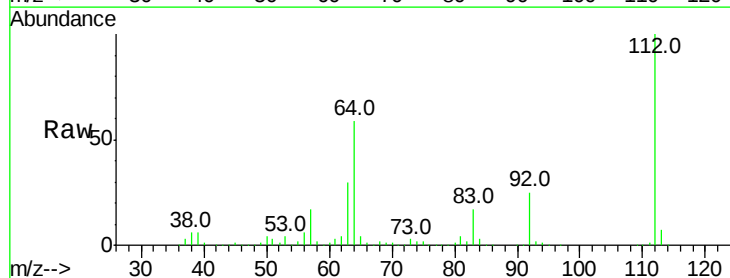
Tot Ion:152 Resp: 135140
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 66.3 50.1 75.1

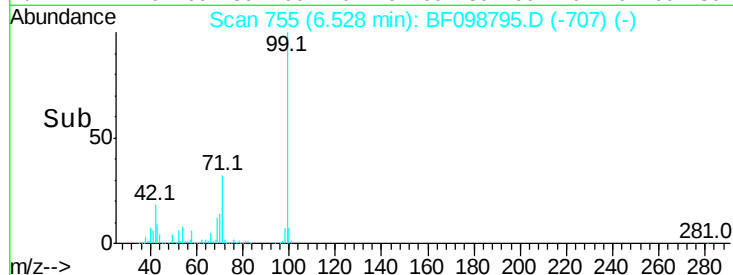
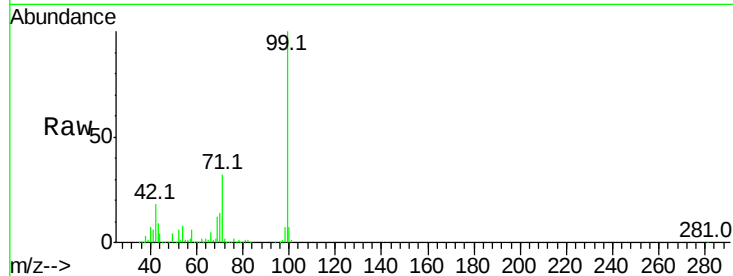


#5

2-Fluorophenol
Concen: 69.134 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098795.D
Acq: 25 Sep 2017 21:04

Tgt Ion:112 Resp: 586898
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 69.342 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098795.D

Acq: 25 Sep 2017 21:04

Instrument :

BNA_F

ClientSampleId :

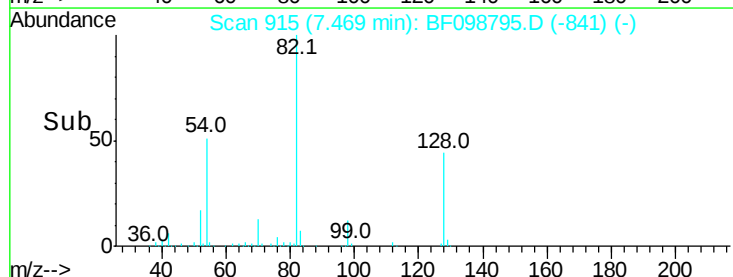
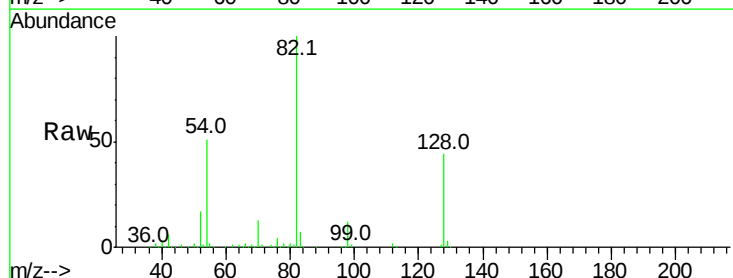
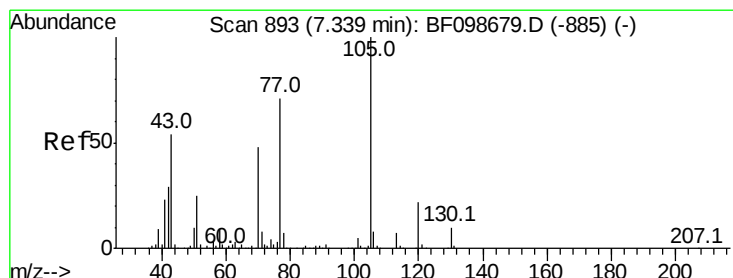
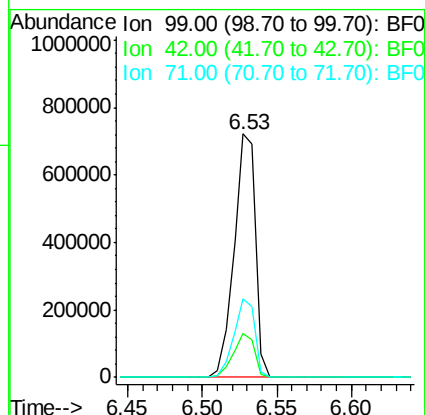
Tot Ion: 99 Resp: 726175

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 32.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 7.660 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.14 min

Lab File: BF098795.D

Acq: 25 Sep 2017 21:04

Tgt Ion: 70 Resp: 51214

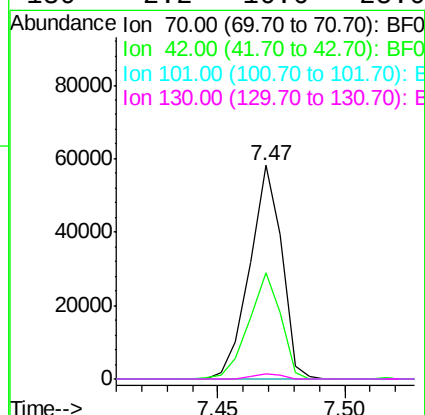
Ion Ratio Lower Upper

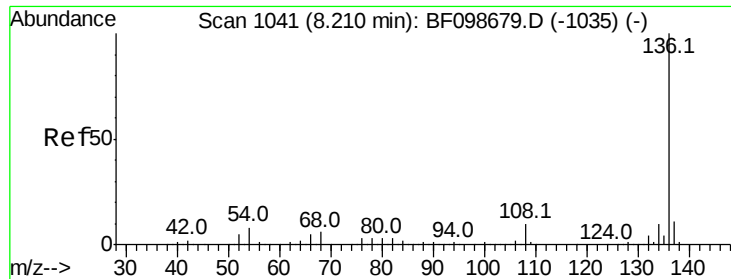
70 100

42 49.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

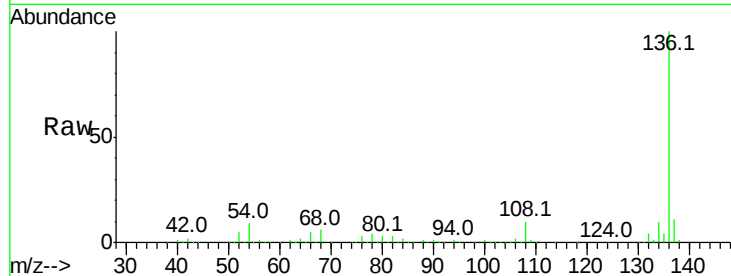




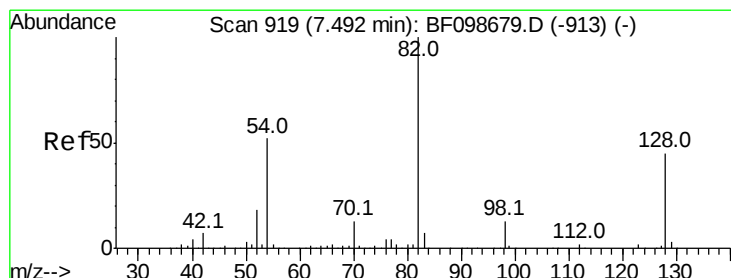
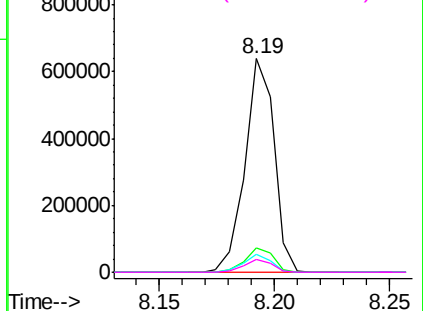
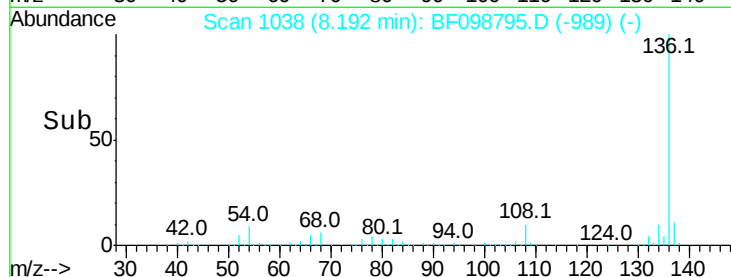
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098795.D
Acq: 25 Sep 2017 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	564335
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.6	6.6	9.8
68	6.3	5.0	7.4

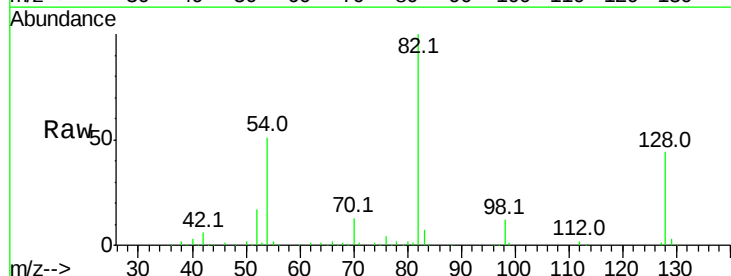


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

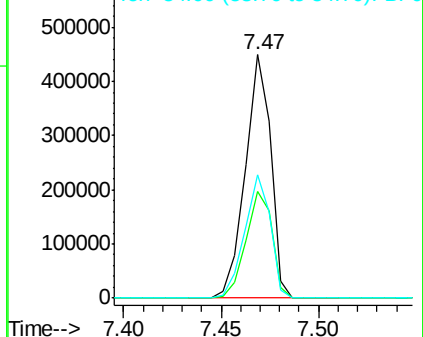
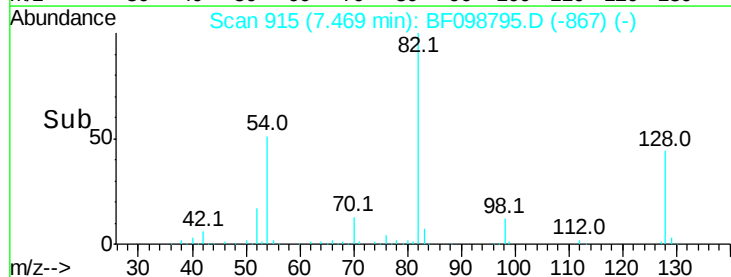


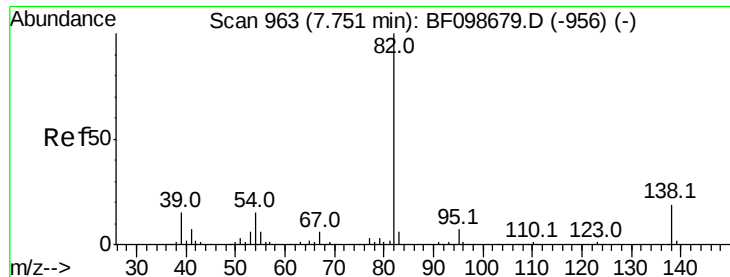
#23
Nitrobenzene-d5
Concen: 46.009 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098795.D
Acq: 25 Sep 2017 21:04

Tgt Ion:	82	Resp:	404872
Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	50.9	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
600000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 22.245 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.28 min

Lab File: BF098795.D

Acq: 25 Sep 2017 21:04

Instrument :

BNA_F

ClientSampled :

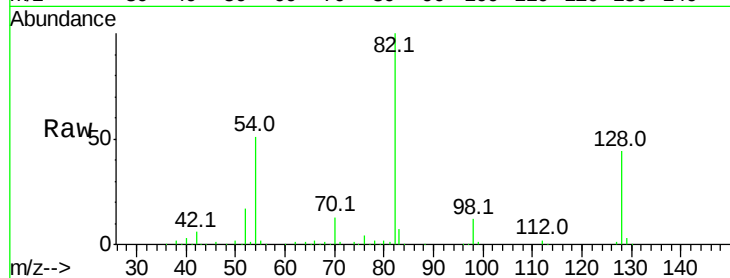
Tot Ion: 82 Resp: 404712

Ion Ratio Lower Upper

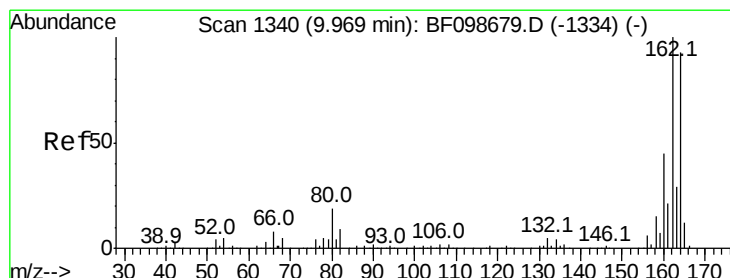
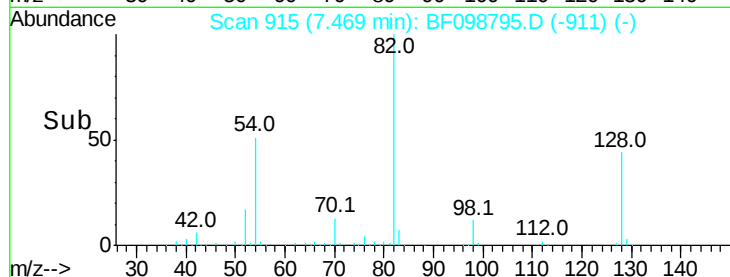
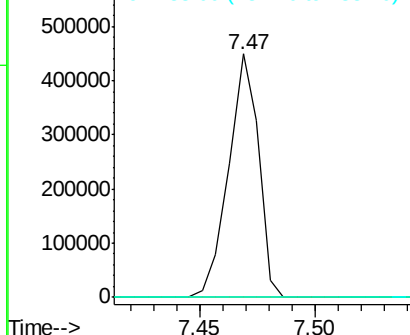
82 100

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: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098795.D

Acq: 25 Sep 2017 21:04

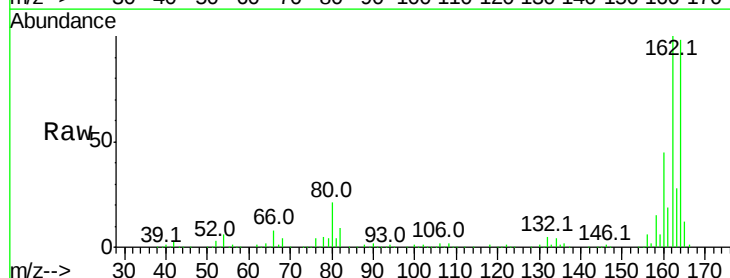
Tgt Ion:164 Resp: 262320

Ion Ratio Lower Upper

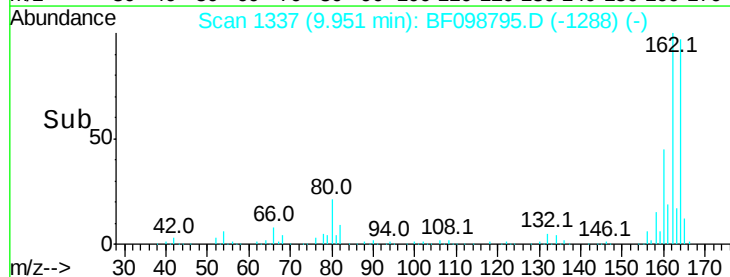
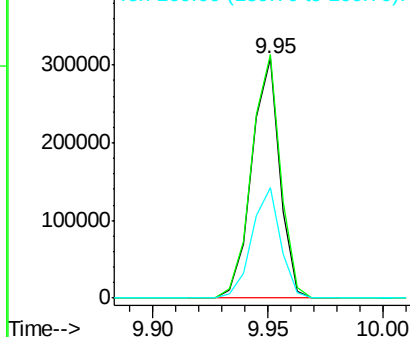
164 100

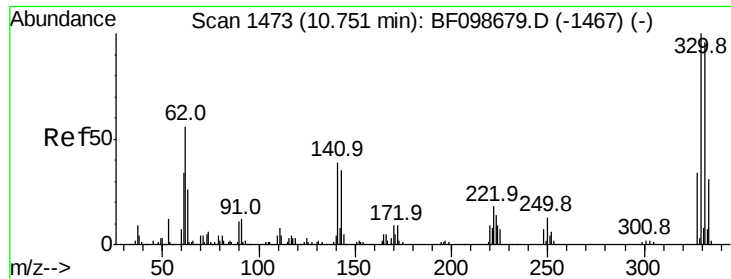
162 101.6 86.1 129.1

160 45.9 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: 83.734 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF098795.D

Acq: 25 Sep 2017 21:04

Instrument :

BNA_F

ClientSampleId :

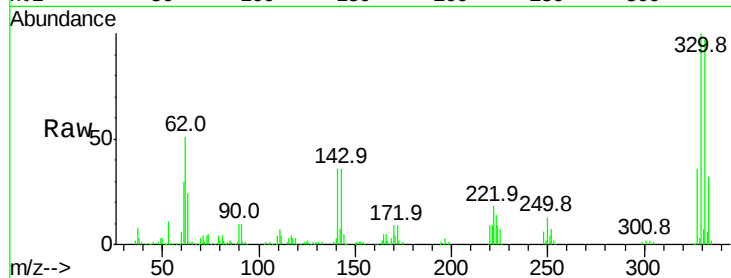
Tot Ion:330 Resp: 179735

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

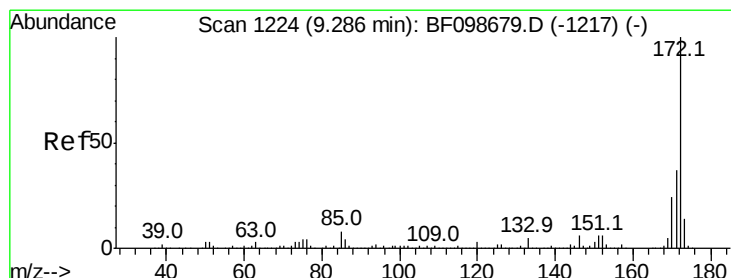
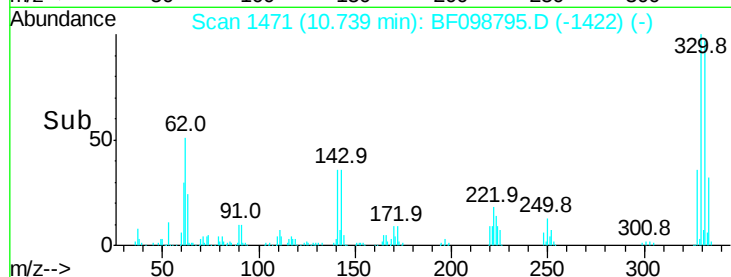
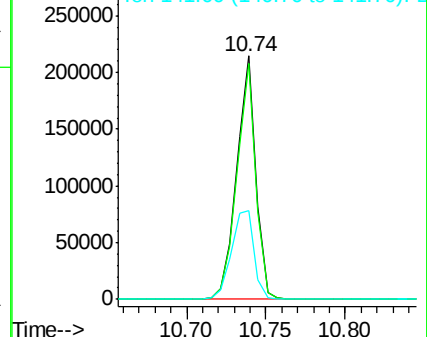
141 43.1 29.9 44.9



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: 46.301 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF098795.D

Acq: 25 Sep 2017 21:04

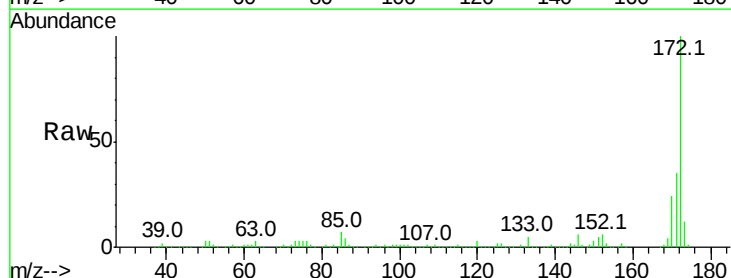
Tgt Ion:172 Resp: 727540

Ion Ratio Lower Upper

172 100

171 35.3 29.7 44.5

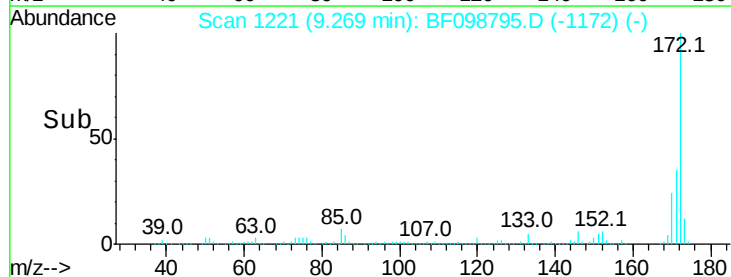
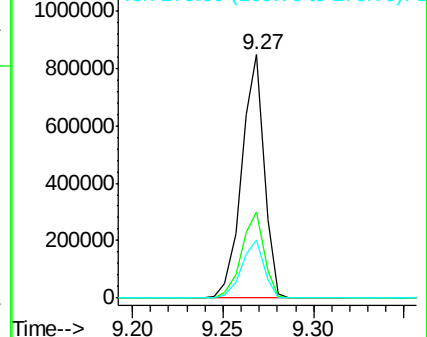
170 23.8 19.6 29.4

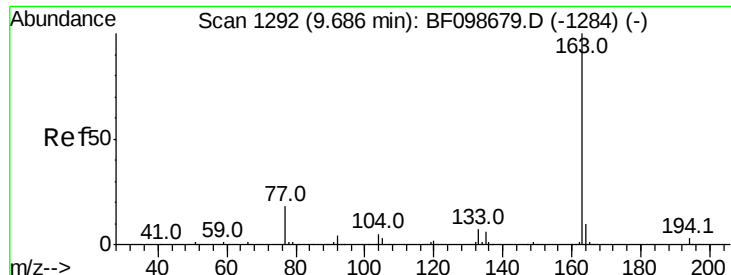


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.535 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF098795.D

Acq: 25 Sep 2017 21:04

Instrument :

BNA_F

ClientSampleId :

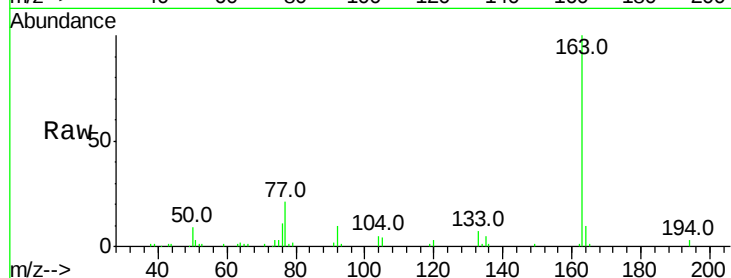
Tot Ion:163 Resp: 50183

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

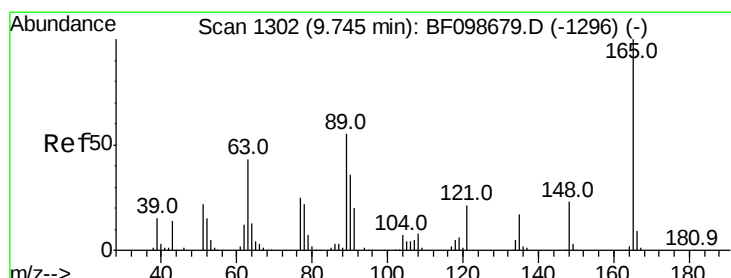
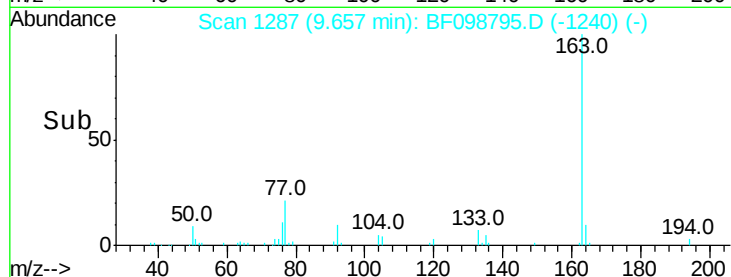
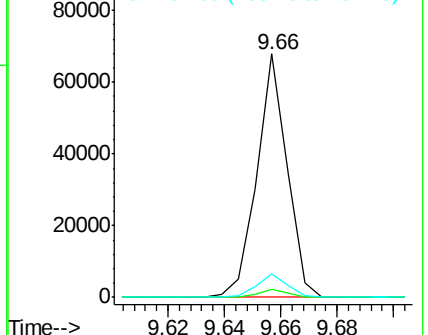
164 9.9 8.2 12.2



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: 7.738 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.21 min

Lab File: BF098795.D

Acq: 25 Sep 2017 21:04

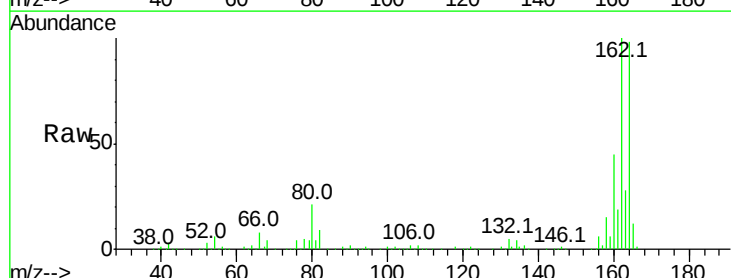
Tgt Ion:165 Resp: 33353

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

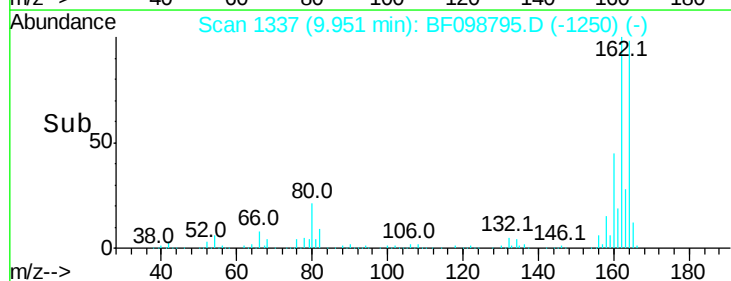
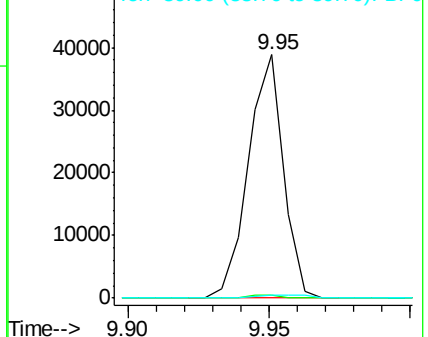
89 1.3 44.0 66.0#



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

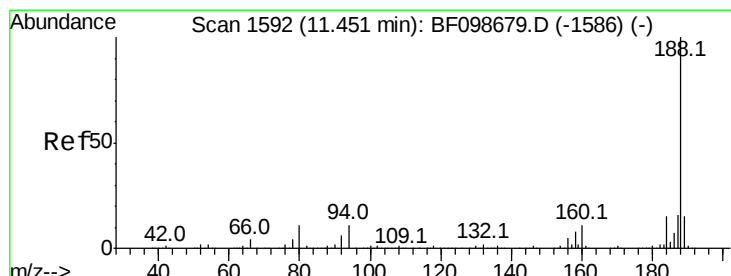
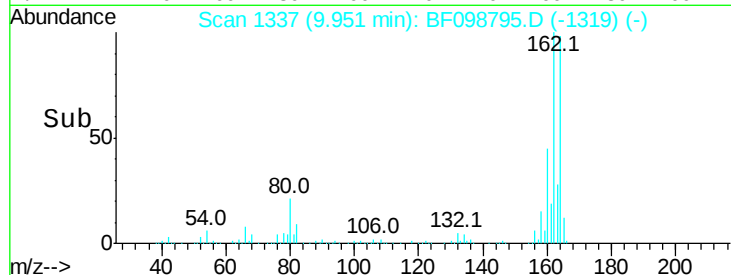
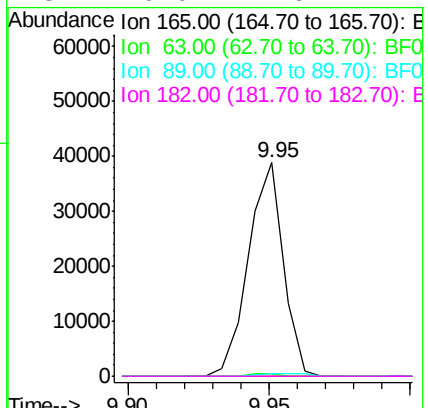
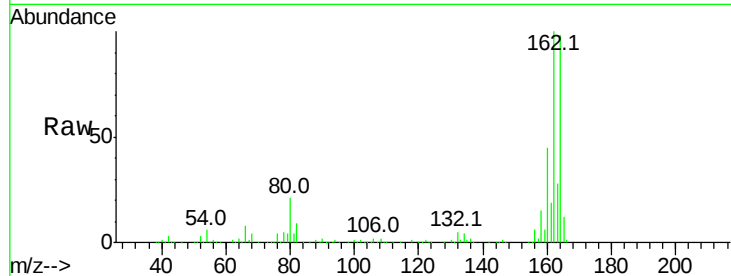




#56
 2,4-Dinitrotoluene
 Concen: 5.962 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098795.D
 Acq: 25 Sep 2017 21:04

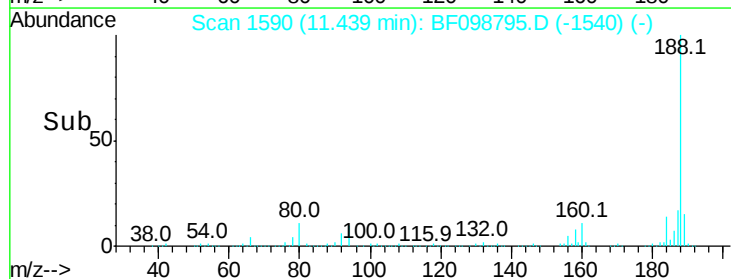
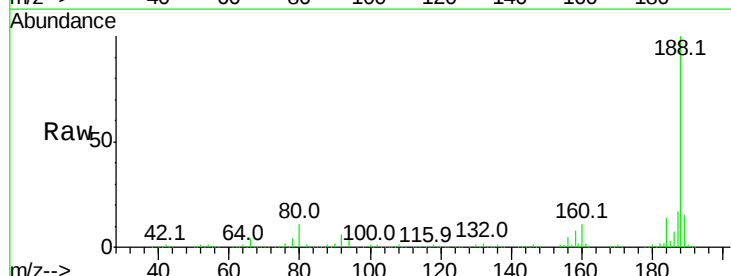
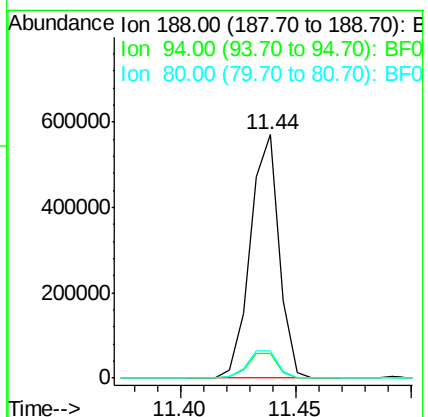
Instrument :
 BNA_F
 ClientSampleId :

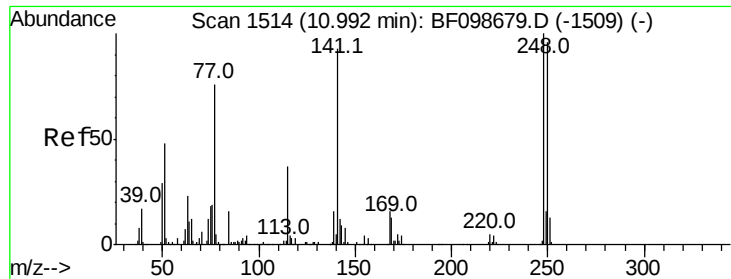
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098795.D
 Acq: 25 Sep 2017 21:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.0	9.2	13.8

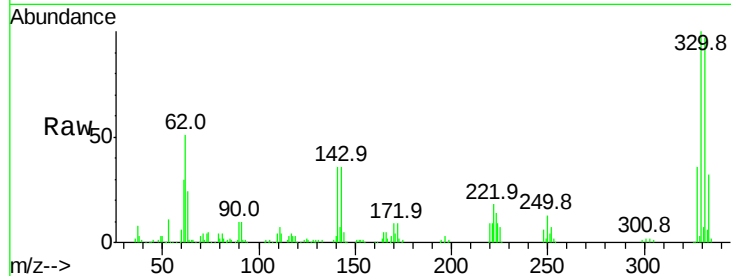




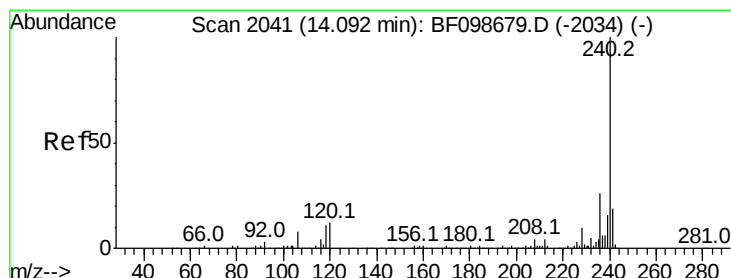
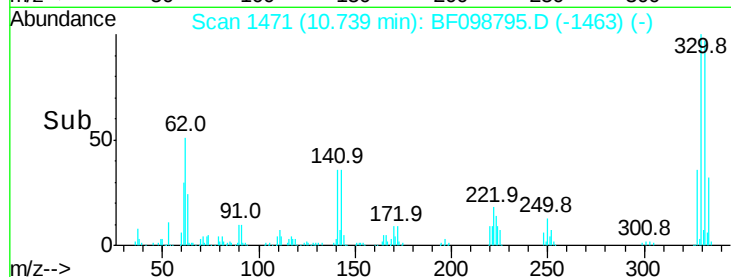
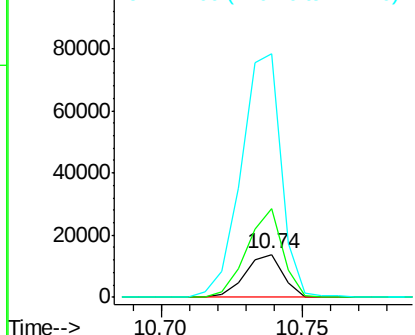
#66
 4-Bromophenyl-phenylether
 Concen: 2.689 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.25 min
 Lab File: BF098795.D
 Acq: 25 Sep 2017 21:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13077
 Ion Ratio Lower Upper
 248 100
 250 205.5 76.9 115.3#
 141 562.5 74.4 111.6#

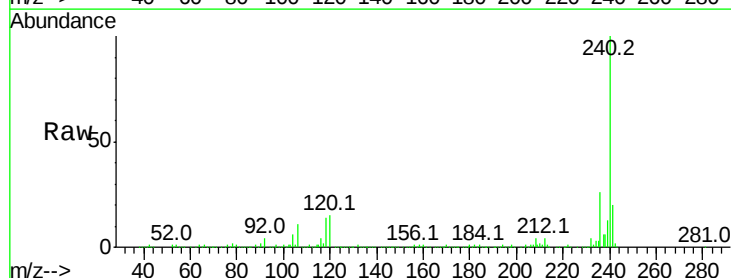


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

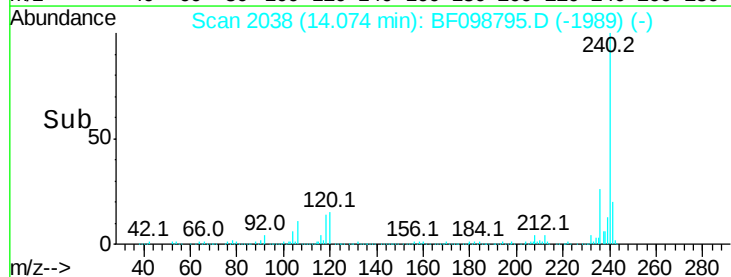
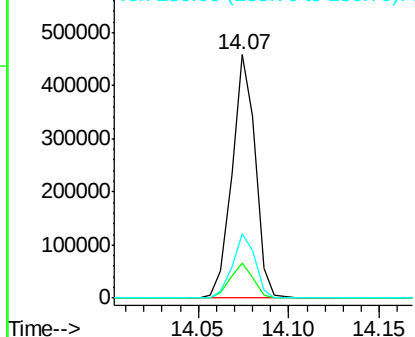


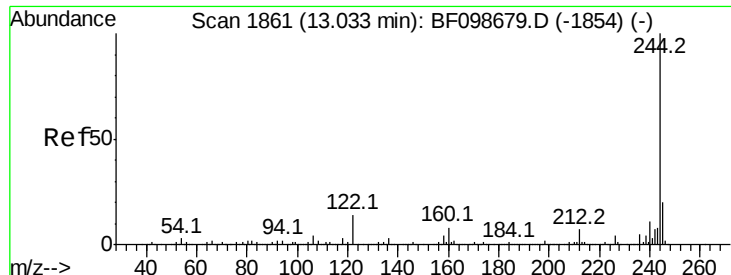
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF098795.D
 Acq: 25 Sep 2017 21:04

Tgt Ion:240 Resp: 408566
 Ion Ratio Lower Upper
 240 100
 120 14.6 9.5 14.3#
 236 26.5 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: 73.311 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098795.D

Acq: 25 Sep 2017 21:04

Instrument :

BNA_F

ClientSampleId :

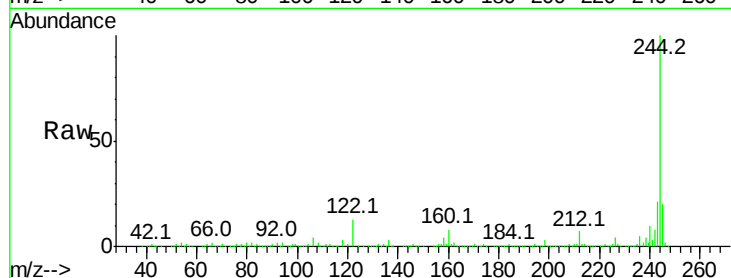
Tot Ion:244 Resp: 1317047

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

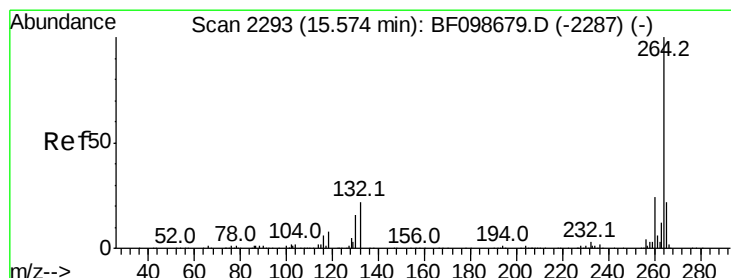
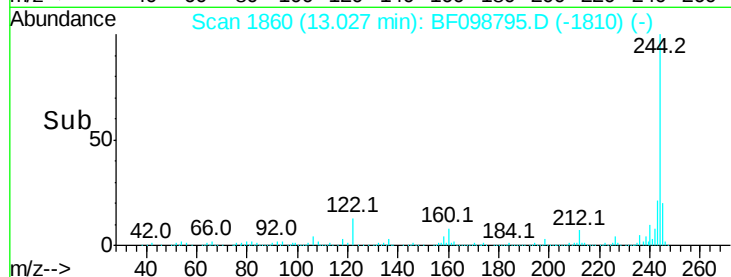
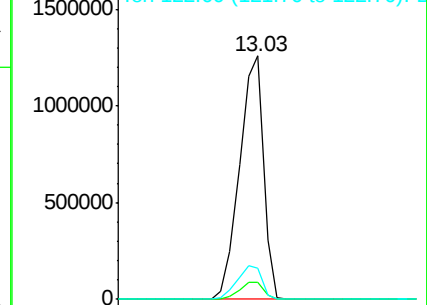
122 12.9 11.0 16.4



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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF098795.D

Acq: 25 Sep 2017 21:04

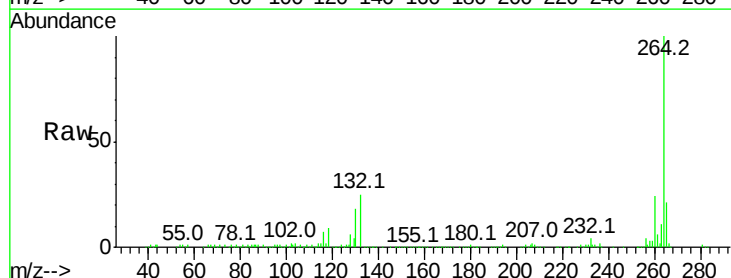
Tgt Ion:264 Resp: 298430

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.4 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

