

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098825.D
 Acq On : 26 Sep 2017 11:46
 Operator : SJ/JU
 Sample : I5385-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 12:40:00 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

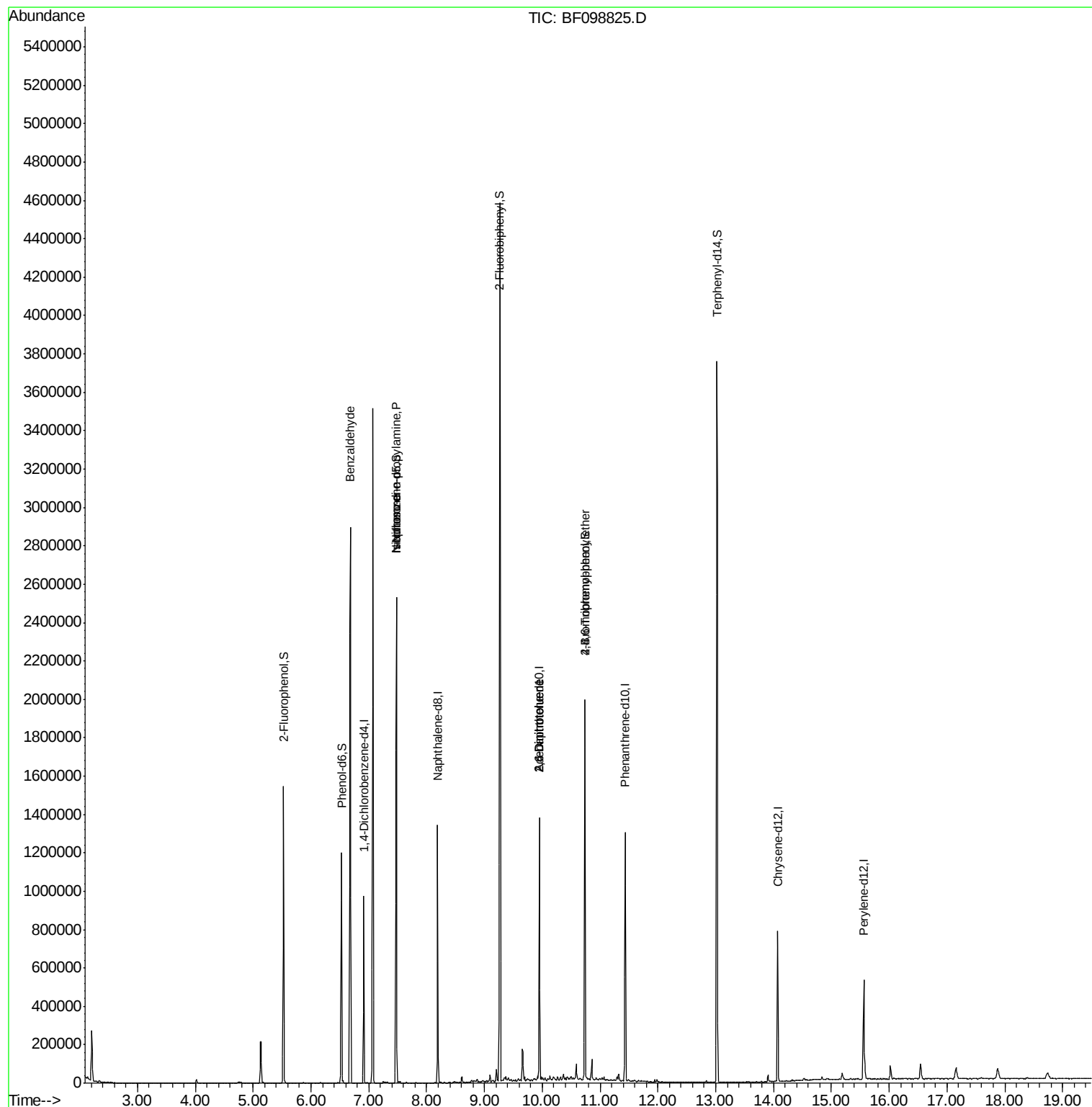
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	134995	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	562687	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	249816	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	420517	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	243450	20.00	ng	-0.01
86) Perylene-d12	15.56	264	229135	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	449605	53.02	ng	-0.01
7) Phenol-d6	6.53	99	357280	34.15	ng	-0.02
23) Nitrobenzene-d5	7.47	82	981320	111.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	221629	108.42	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1693223	113.15	ng	0.00
78) Terphenyl-d14	13.02	244	1245077	116.31	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.68	77	16164	2.664	ng	85
19) n-Nitroso-di-n-propylamine	7.47	70	130391	19.522	ng	# 76
25) Isophorone	7.47	82	980917	54.073	ng	# 64
50) 2,6-Dinitrotoluene	9.95	165	32267	7.861	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	32267	6.057	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	15282	3.713	ng	# 1

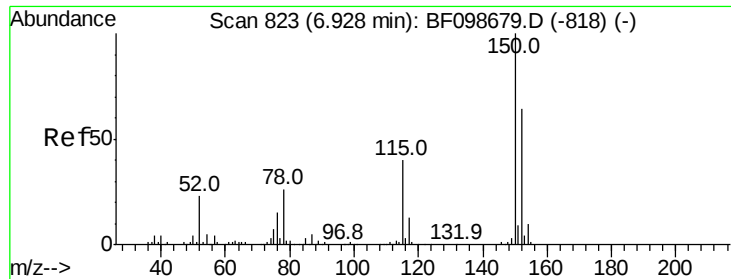
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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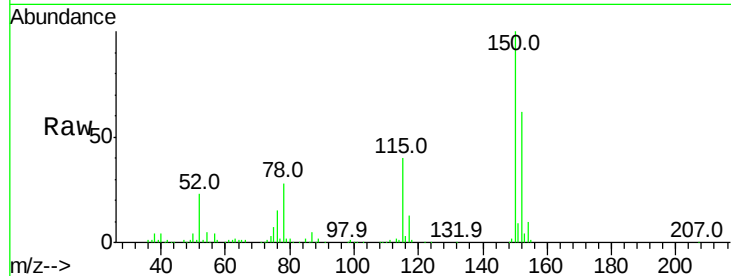


#1

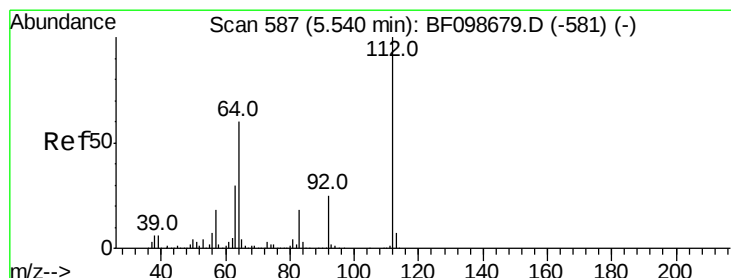
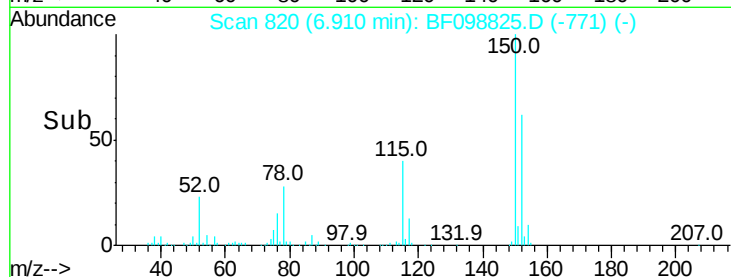
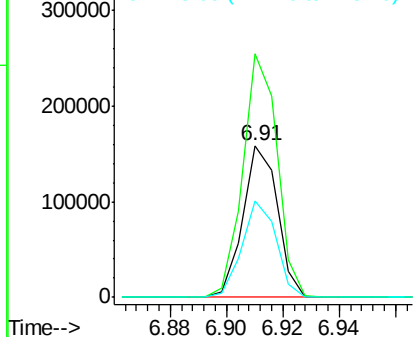
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098825.D
Acq: 26 Sep 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134995
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 63.8 50.1 75.1



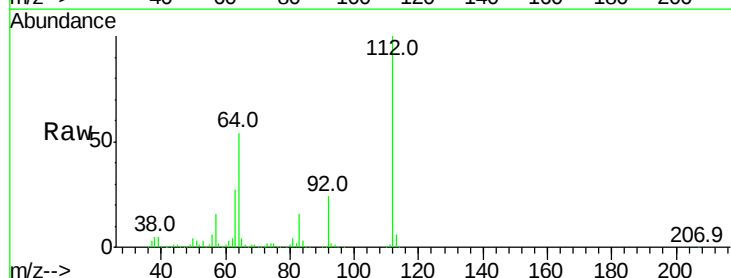
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



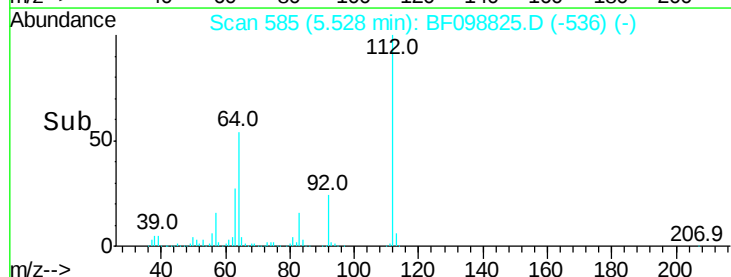
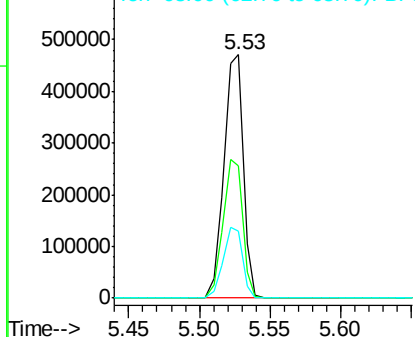
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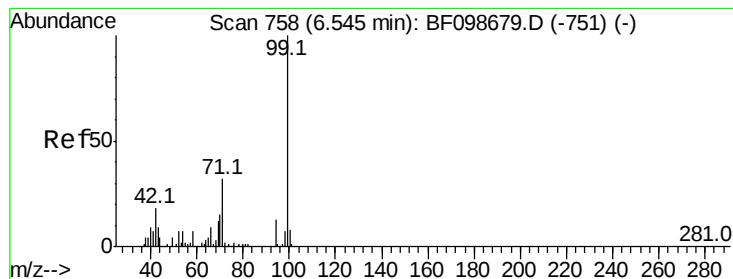
2-Fluorophenol
Concen: 53.019 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098825.D
Acq: 26 Sep 2017 11:46

Tgt Ion:112 Resp: 449605
Ion Ratio Lower Upper
112 100
64 54.1 47.9 71.9
63 27.4 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: 34.153 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098825.D

Acq: 26 Sep 2017 11:46

Instrument :

BNA_F

ClientSampleId :

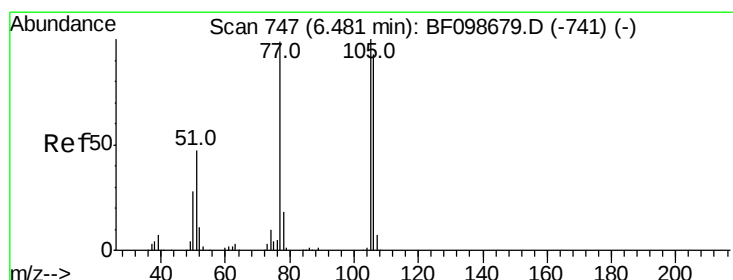
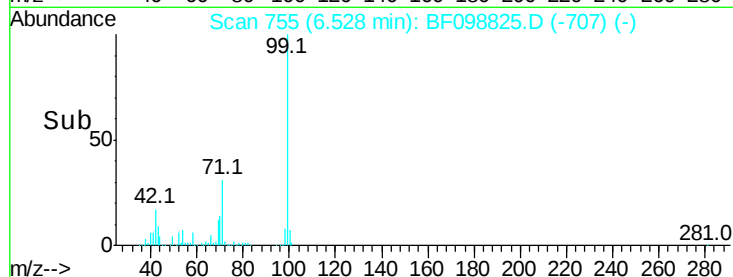
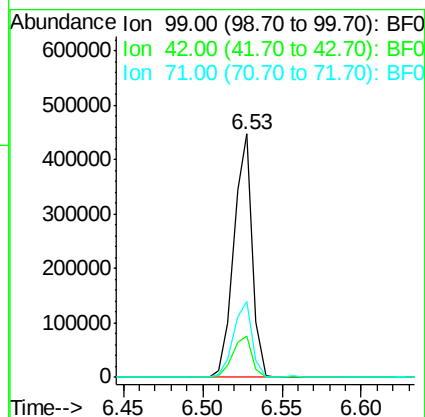
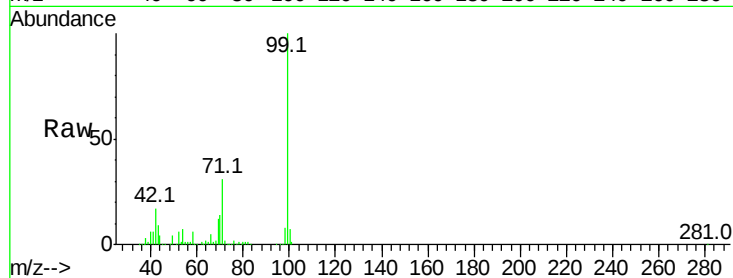
Tot Ion: 99 Resp: 357280

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

71 31.1 25.4 38.0



#9

Benzaldehyde

Concen: 2.664 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.21 min

Lab File: BF098825.D

Acq: 26 Sep 2017 11:46

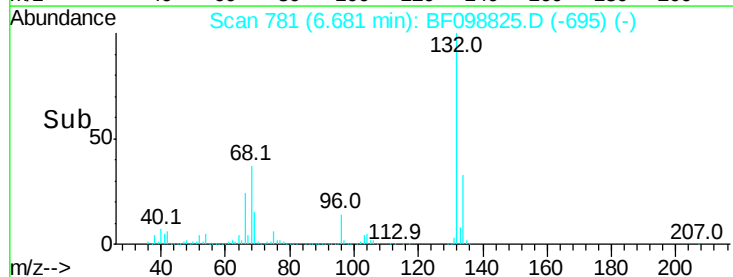
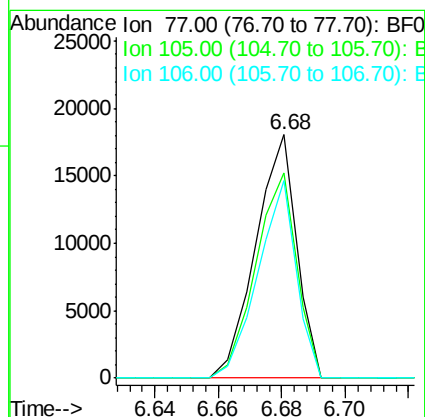
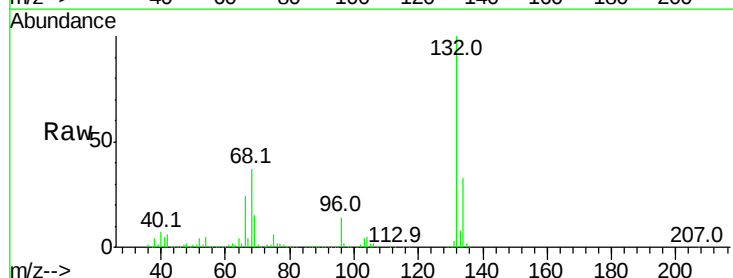
Tgt Ion: 77 Resp: 16164

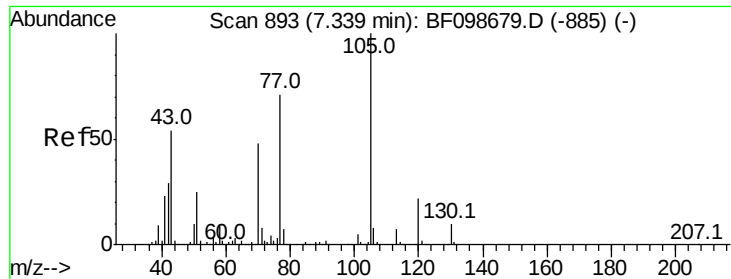
Ion Ratio Lower Upper

77 100

105 84.3 81.1 121.1

106 80.9 74.5 114.5

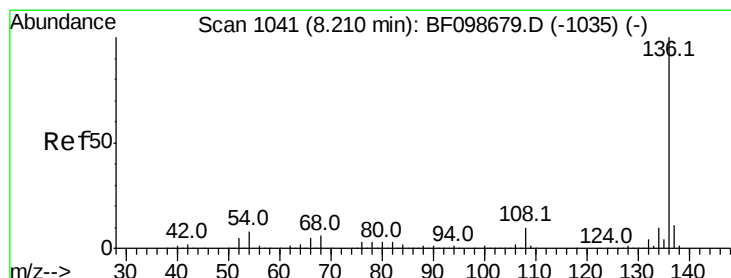
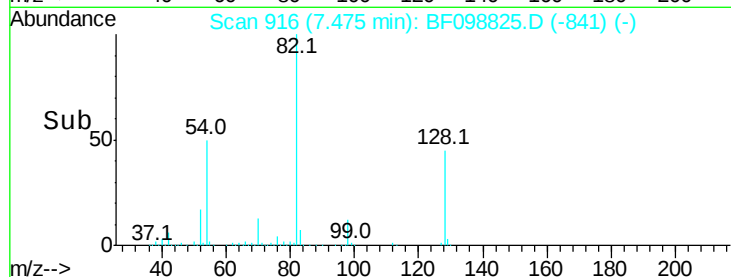
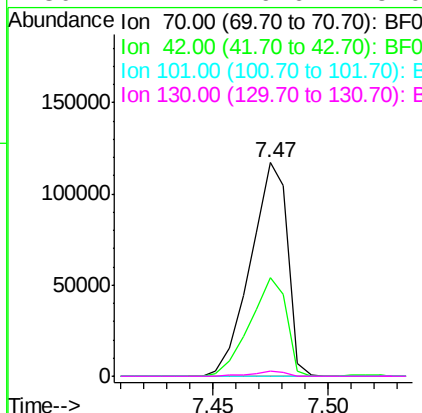
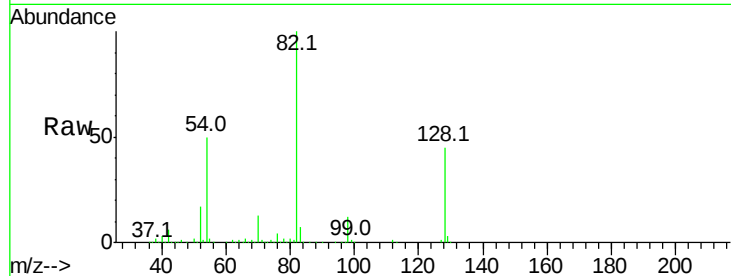




#19
n-Nitroso-di-n-propylamine
Concen: 19.522 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098825.D
Acq: 26 Sep 2017 11:46

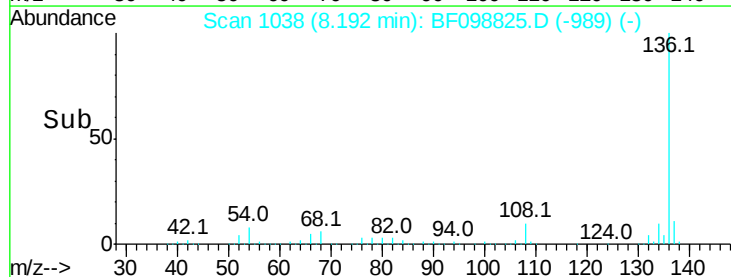
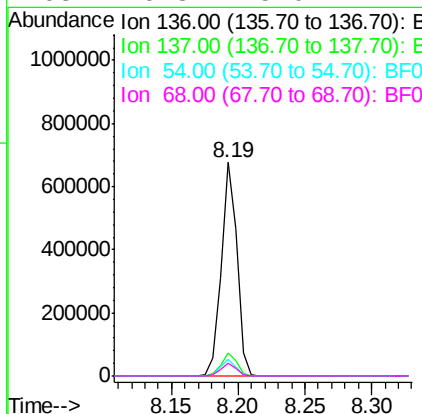
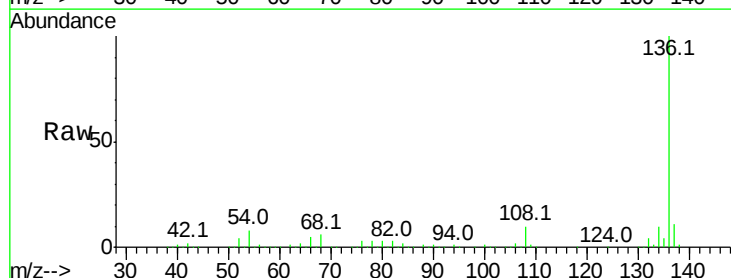
Instrument :
BNA_F
ClientSampleId :

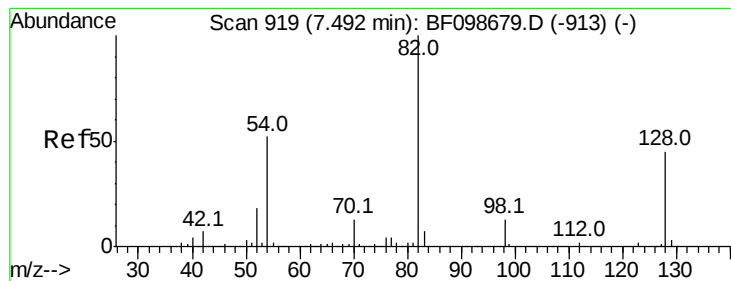
Tot Ion: 70 Resp: 130391
Ion Ratio Lower Upper
70 100
42 46.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098825.D
Acq: 26 Sep 2017 11:46

Tgt Ion: 136 Resp: 562687
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.0 6.6 9.8
68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 111.842 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098825.D

Acq: 26 Sep 2017 11:46

Instrument :

BNA_F

ClientSampled :

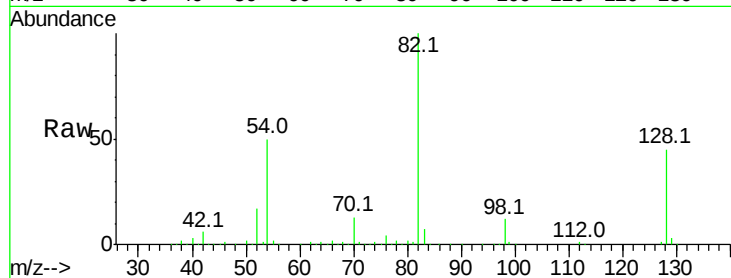
Tot Ion: 82 Resp: 981320

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

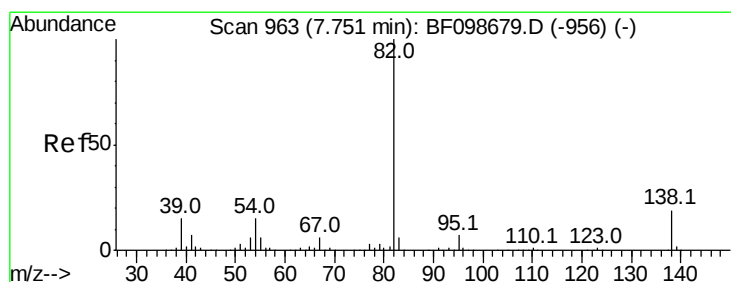
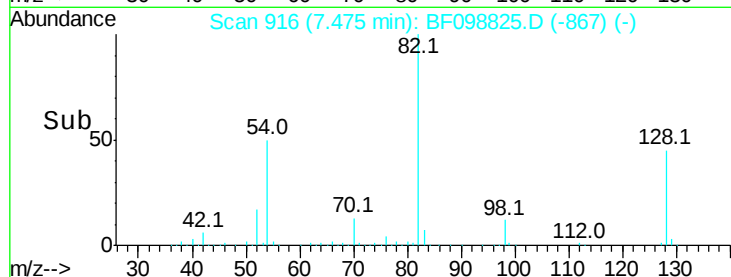
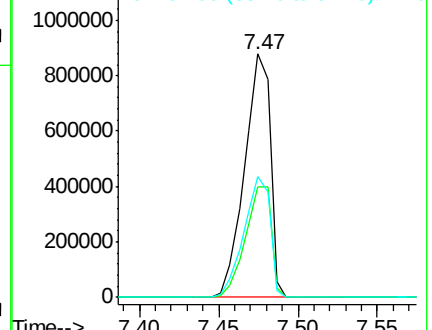
54 49.8 41.4 62.2



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: 54.073 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098825.D

Acq: 26 Sep 2017 11:46

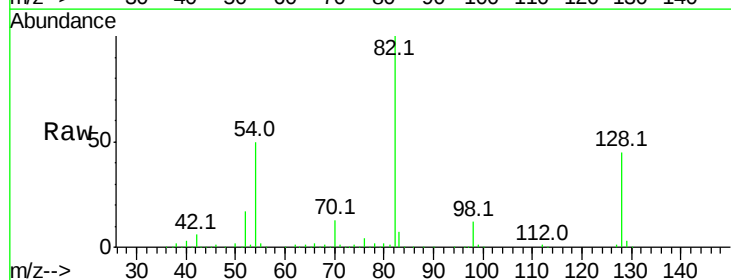
Tgt Ion: 82 Resp: 980917

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

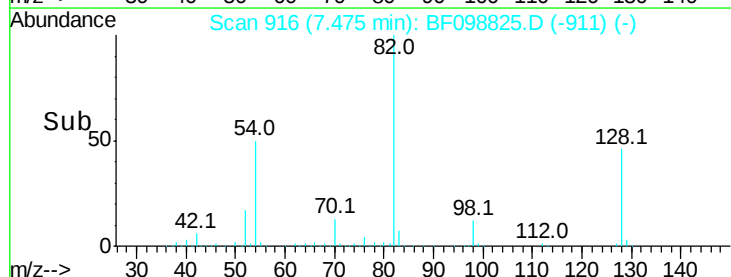
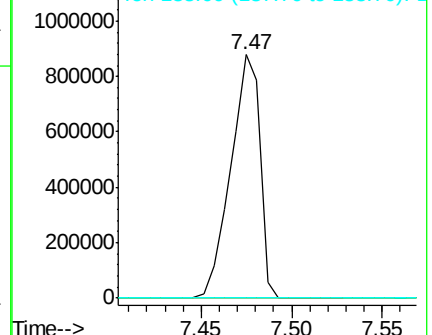
138 0.0 14.9 22.3#

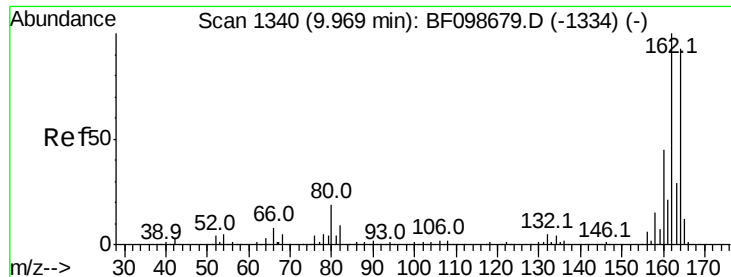


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

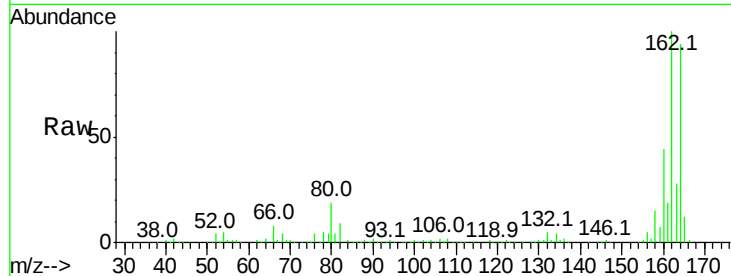




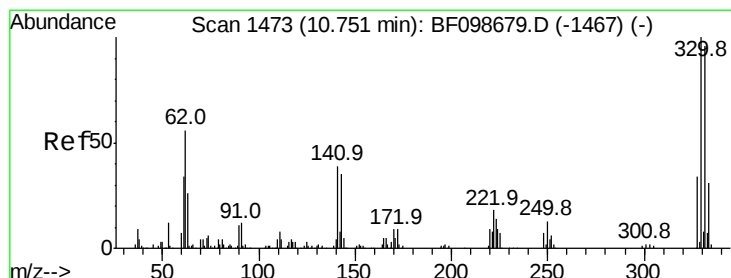
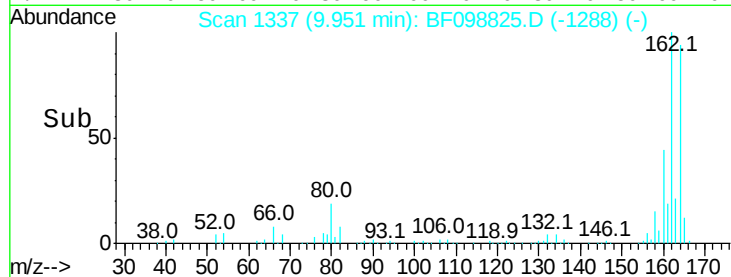
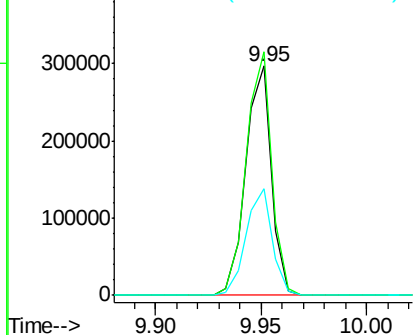
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098825.D
 Acq: 26 Sep 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 249816
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.1 129.1
 160 46.3 38.3 57.5

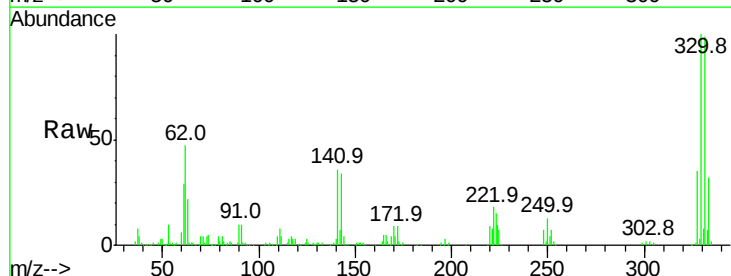


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

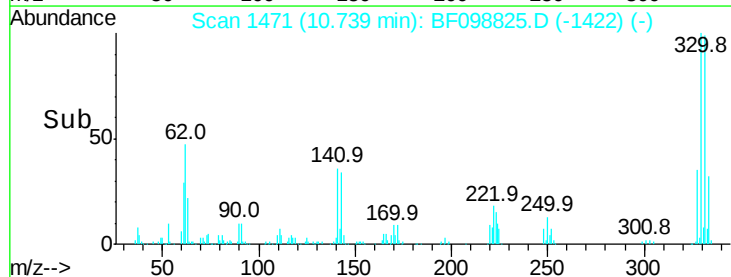
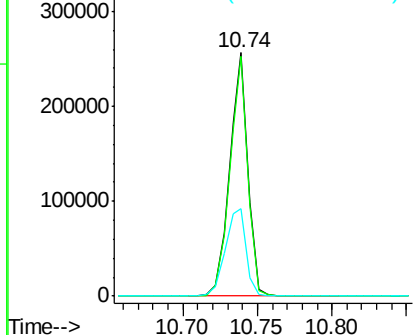


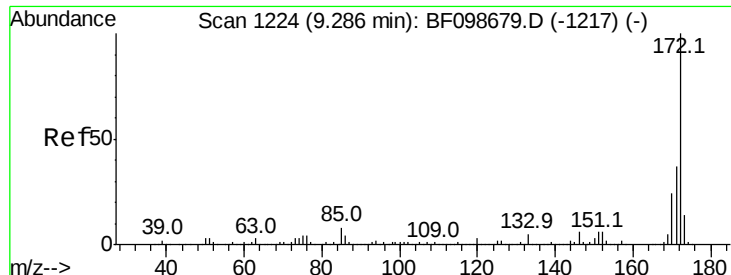
#41
 2,4,6-Tribromophenol
 Concen: 108.420 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098825.D
 Acq: 26 Sep 2017 11:46

Tgt Ion:330 Resp: 221629
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 41.3 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



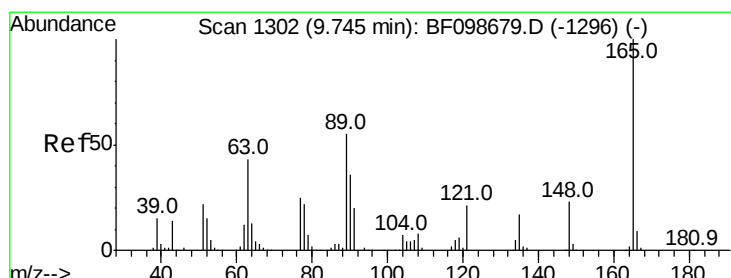
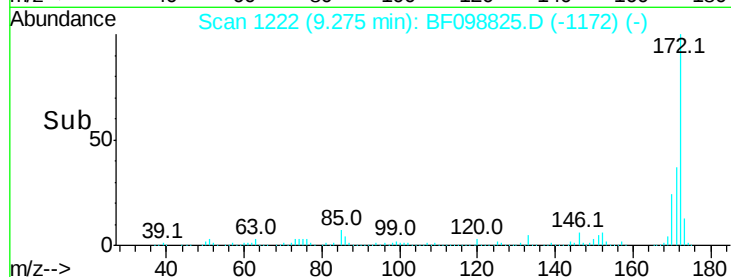
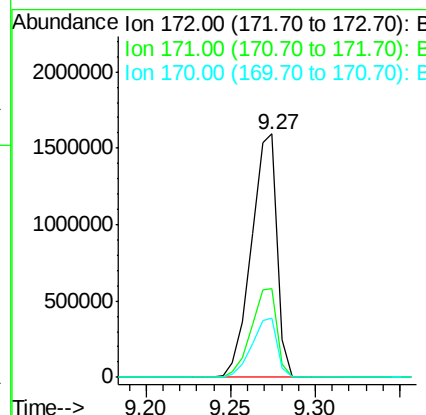
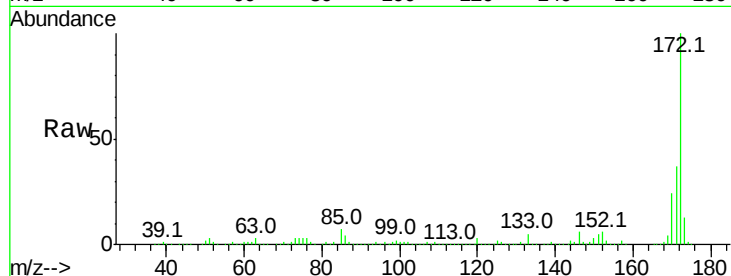


#44
 2-Fluorobiphenyl
 Concen: 113.151 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098825.D
 Acq: 26 Sep 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1693223

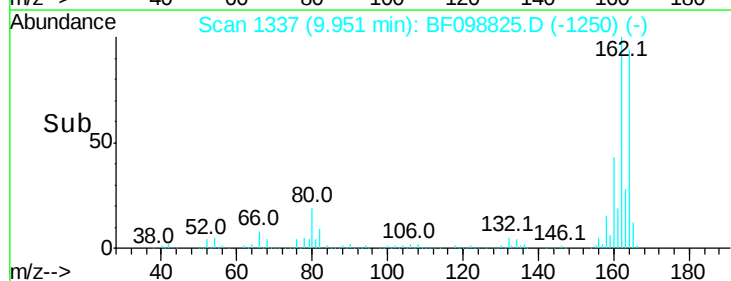
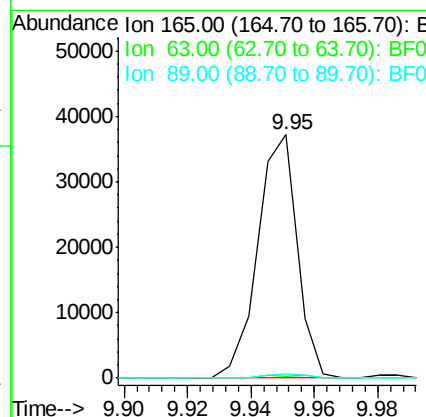
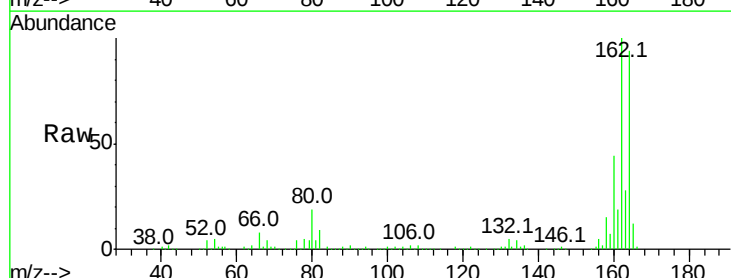
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.1	19.6	29.4

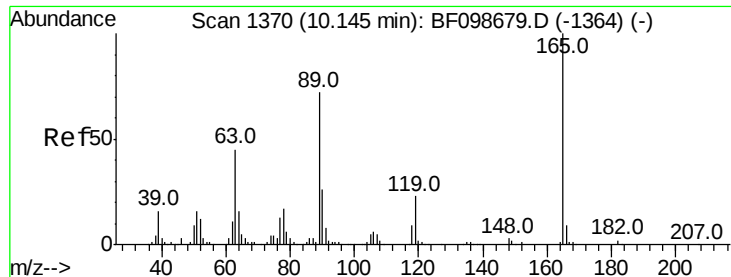


#50
 2,6-Dinitrotoluene
 Concen: 7.861 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098825.D
 Acq: 26 Sep 2017 11:46

Tgt Ion:165 Resp: 32267

Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.7	67.1#
89	1.7	44.0	66.0#

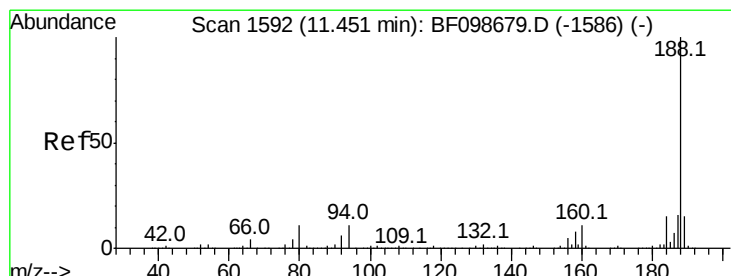
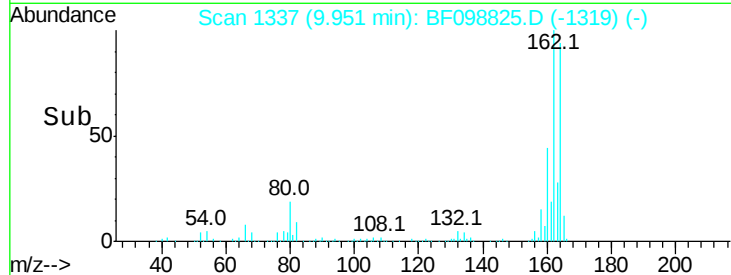
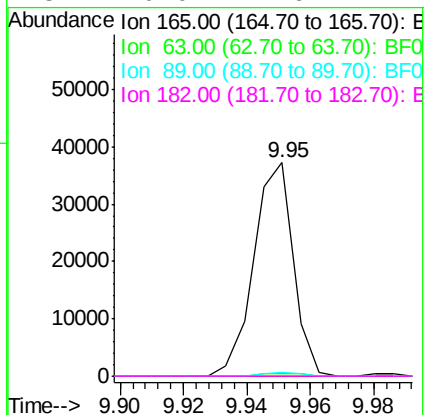
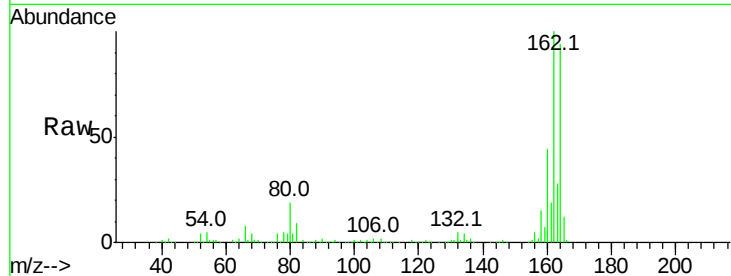




#56
 2,4-Dinitrotoluene
 Concen: 6.057 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098825.D
 Acq: 26 Sep 2017 11:46

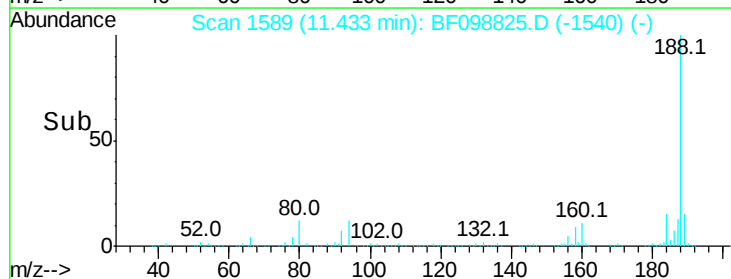
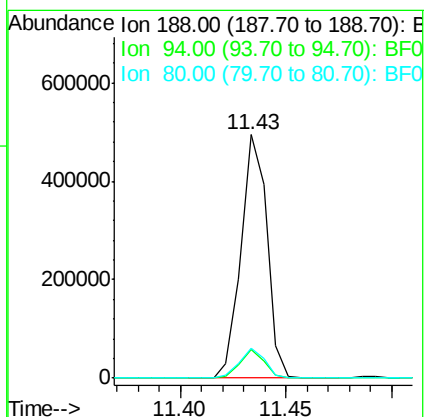
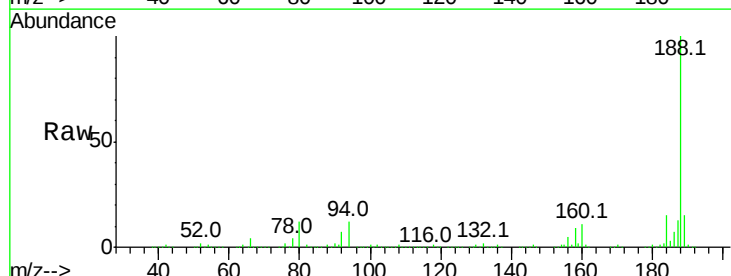
Instrument :
 BNA_F
 ClientSampleID :

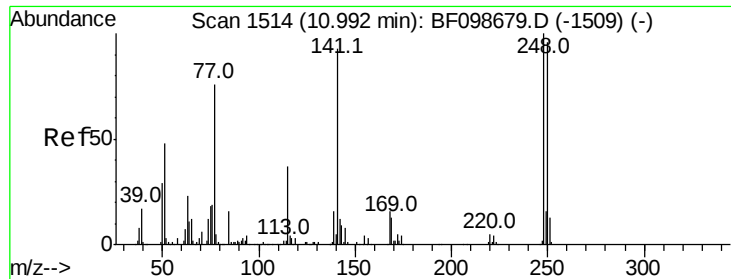
Tot Ion:165	Resp:	32267
Ion Ratio	Lower	Upper
165	100	
63	0.9	36.4 54.6#
89	1.7	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF098825.D
 Acq: 26 Sep 2017 11:46

Tgt Ion:188	Resp:	420517
Ion Ratio	Lower	Upper
188	100	
94	11.9	8.5 12.7
80	12.4	9.2 13.8

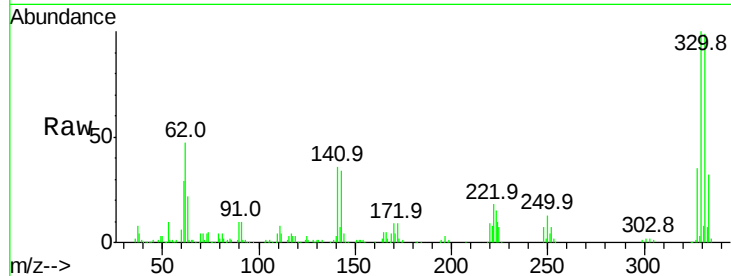




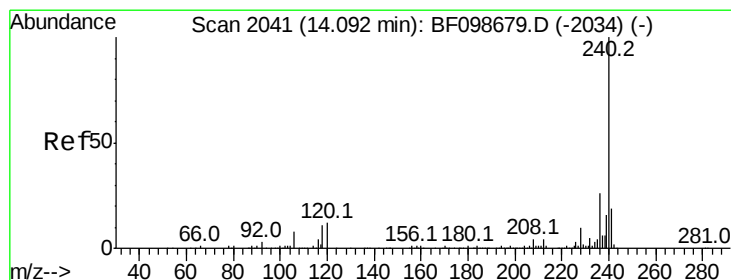
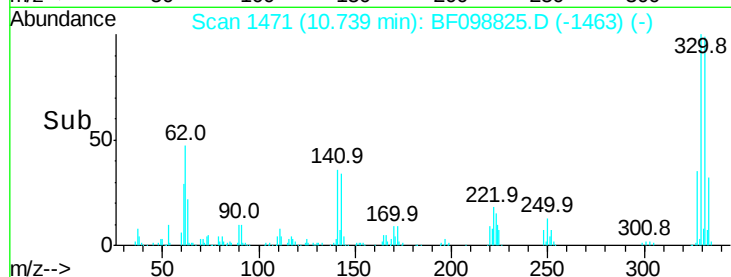
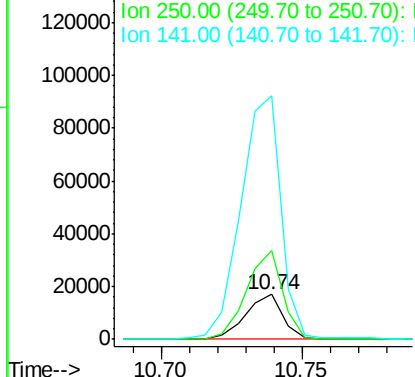
#66
4-Bromophenyl-phenylether
Concen: 3.713 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098825.D
Acq: 26 Sep 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15282
Ion Ratio Lower Upper
248 100
250 199.5 76.9 115.3#
141 545.3 74.4 111.6#

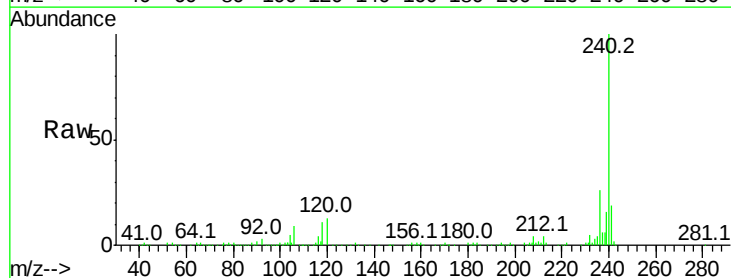


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

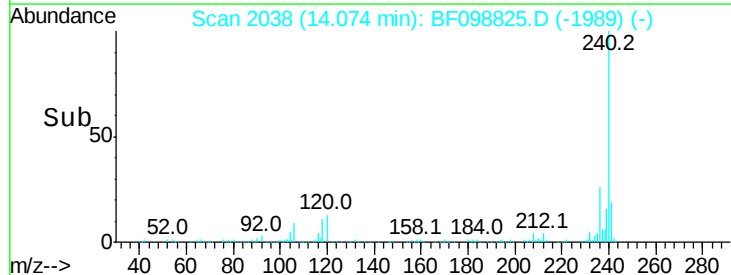
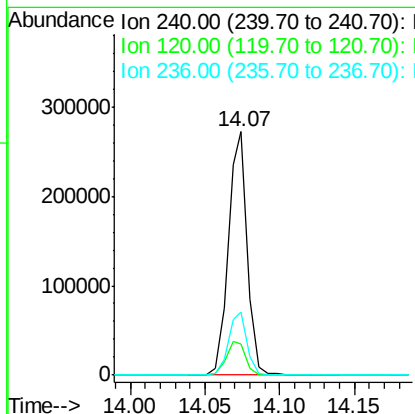


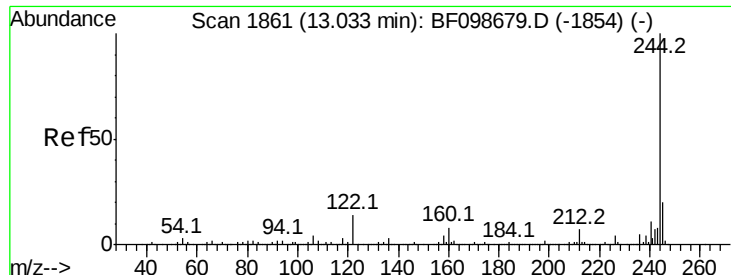
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098825.D
Acq: 26 Sep 2017 11:46

Tgt Ion:240 Resp: 243450
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 26.1 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: 116.310 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098825.D

Acq: 26 Sep 2017 11:46

Instrument :

BNA_F

ClientSampleId :

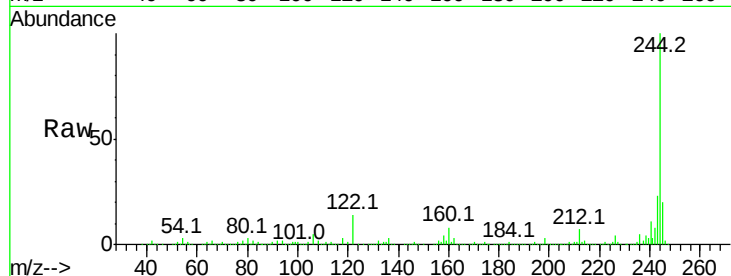
Tot Ion:244 Resp: 1245077

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

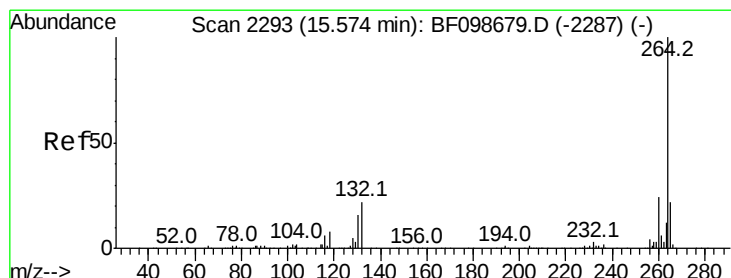
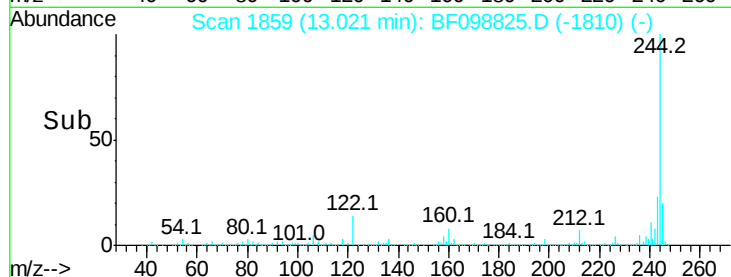
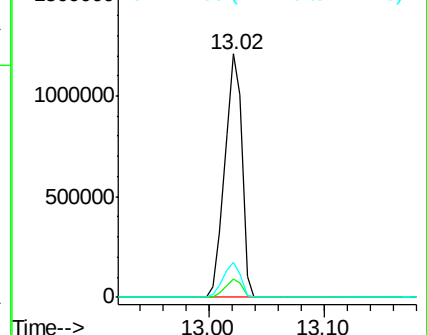
122 14.3 11.0 16.4



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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF098825.D

Acq: 26 Sep 2017 11:46

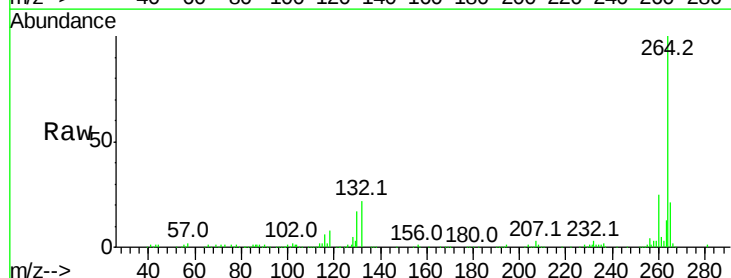
Tgt Ion:264 Resp: 229135

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 20.7 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

