

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098949.D
 Acq On : 29 Sep 2017 15:46
 Operator : SJ/JU
 Sample : I5487-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 16:57:20 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

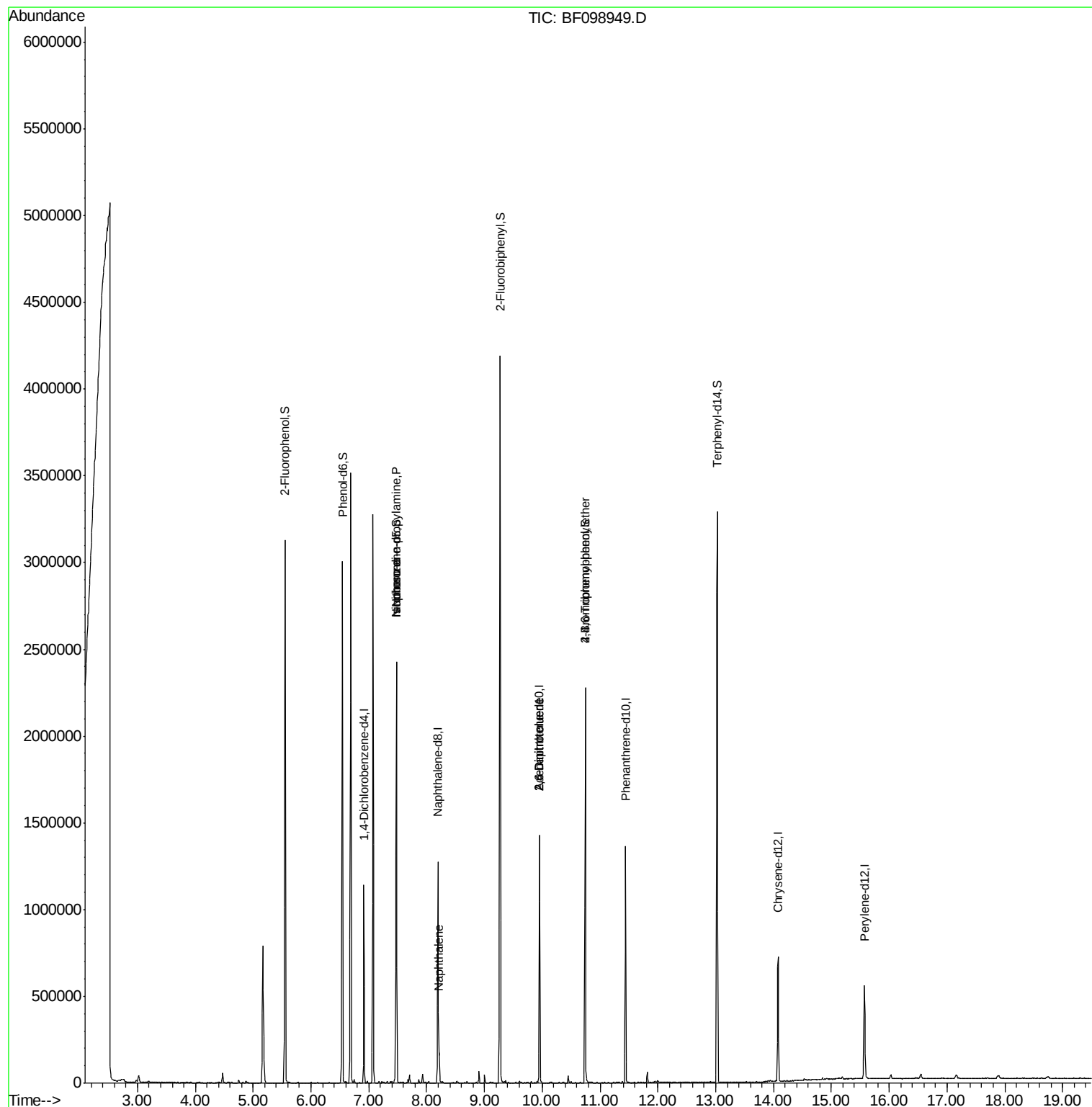
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	146167	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	608484	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	275707	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	448155	20.00	ng	0.00
75) Chrysene-d12	14.08	240	234935	20.00	ng	0.00
86) Perylene-d12	15.57	264	236259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1048366	114.18	ng	0.02
7) Phenol-d6	6.55	99	1130786	99.83	ng	0.00
23) Nitrobenzene-d5	7.48	82	881036	92.86	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	273647	121.30	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1480328	89.63	ng	0.00
78) Terphenyl-d14	13.03	244	1083248	104.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.48	70	115721	16.002	ng	# 77
25) Isophorone	7.48	82	876551	44.683	ng	# 64
31) Naphthalene	8.22	128	107035	3.745	ng	# 98
50) 2,6-Dinitrotoluene	9.95	165	34387	7.591	ng	# 26
56) 2,4-Dinitrotoluene	9.95	165	34387	5.849	ng	# 23
66) 4-Bromophenyl-phenylether	10.75	248	18576	4.235	ng	# 1

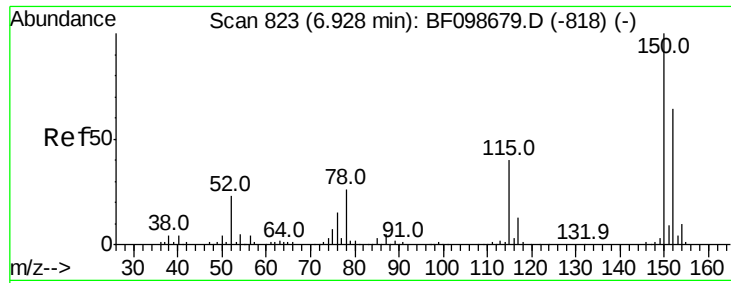
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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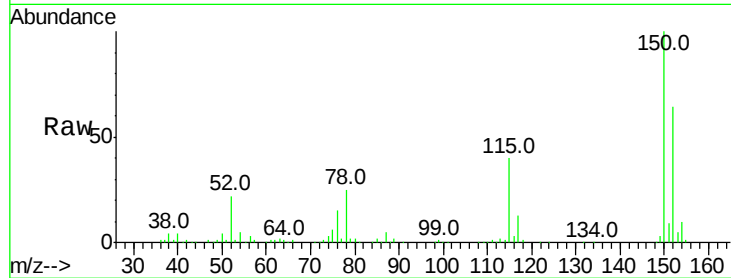


#1

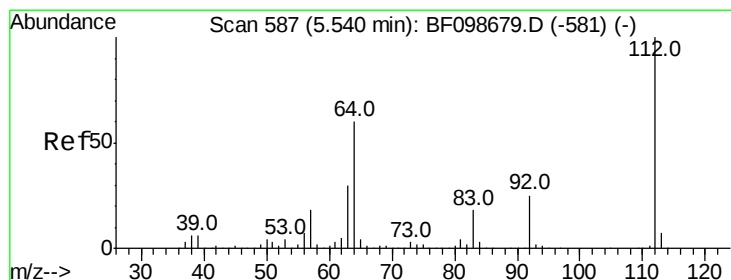
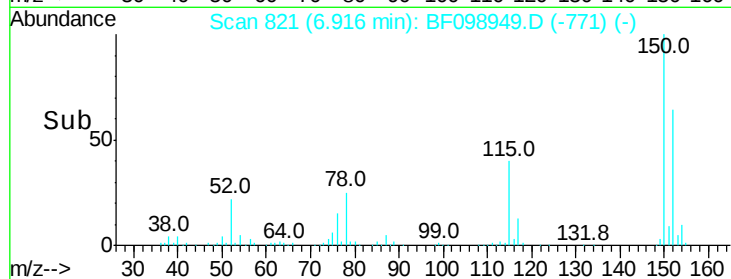
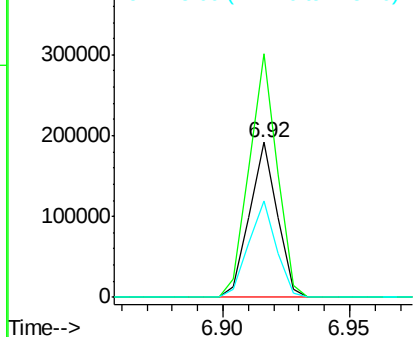
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098949.D
Acq: 29 Sep 2017 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146167
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 62.4 50.1 75.1



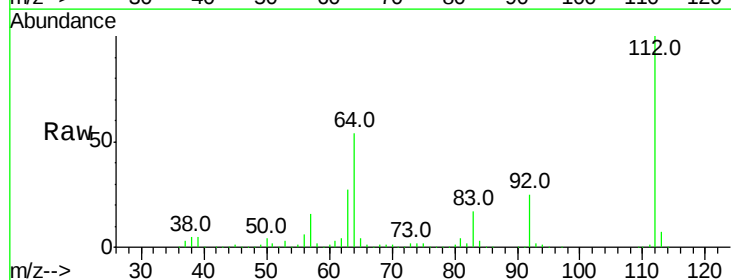
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



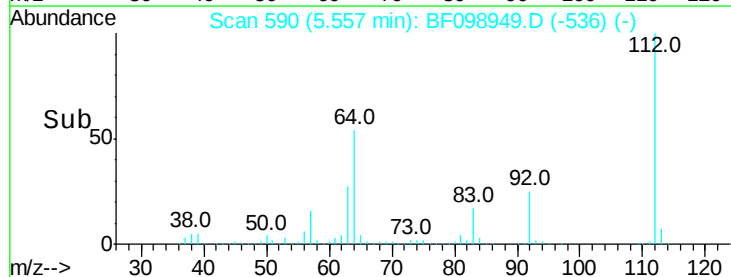
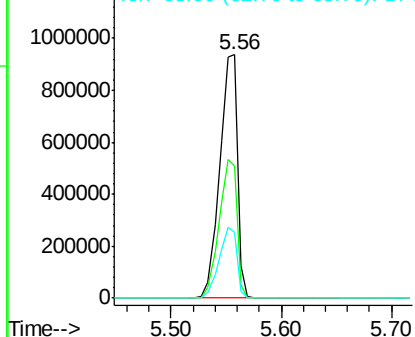
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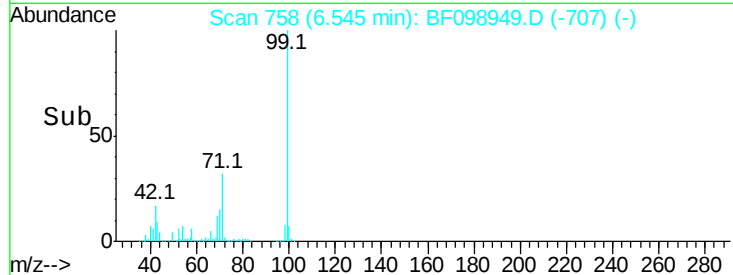
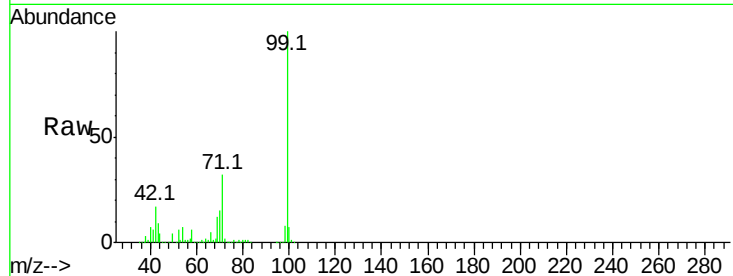
2-Fluorophenol
Concen: 114.177 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.02 min
Lab File: BF098949.D
Acq: 29 Sep 2017 15:46

Tgt Ion:112 Resp: 1048366
Ion Ratio Lower Upper
112 100
64 54.2 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: 99.832 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098949.D

Acq: 29 Sep 2017 15:46

Instrument :

BNA_F

ClientSampled :

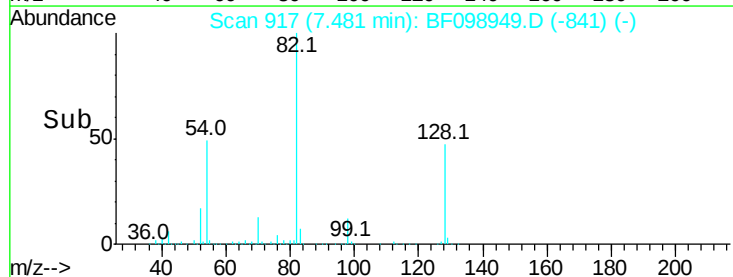
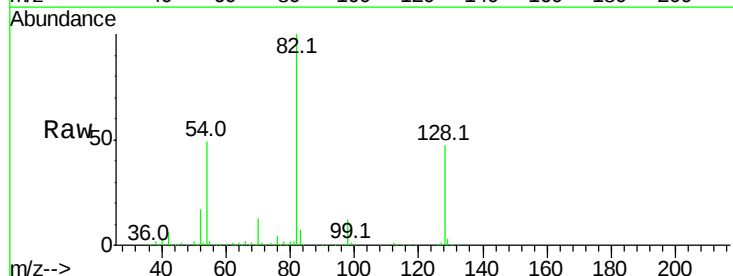
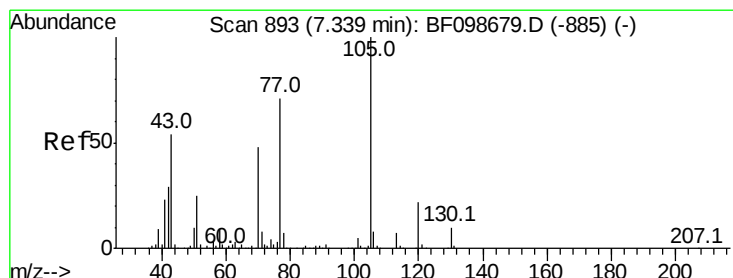
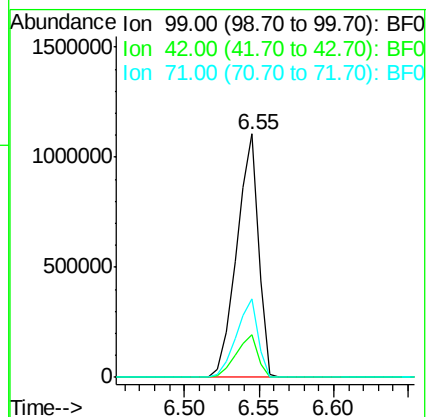
Tot Ion: 99 Resp: 1130786

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

71 32.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.002 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.15 min

Lab File: BF098949.D

Acq: 29 Sep 2017 15:46

Tgt Ion: 70 Resp: 115721

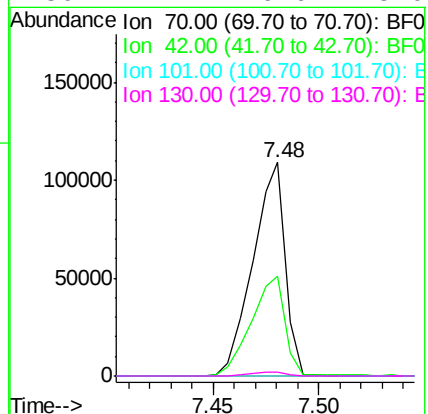
Ion Ratio Lower Upper

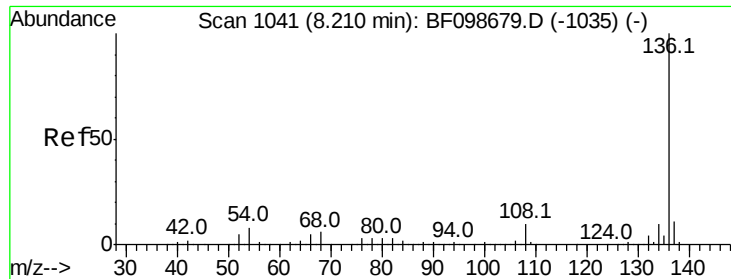
70 100

42 46.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

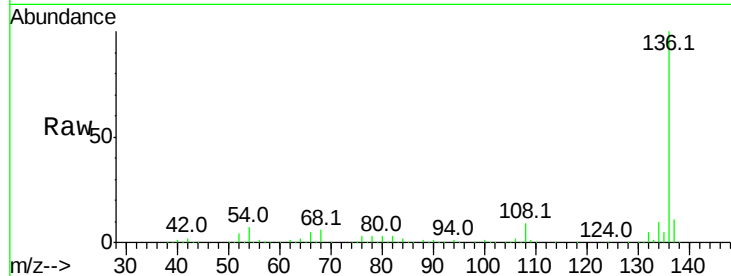




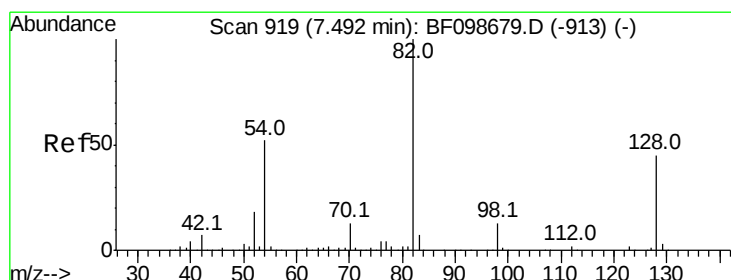
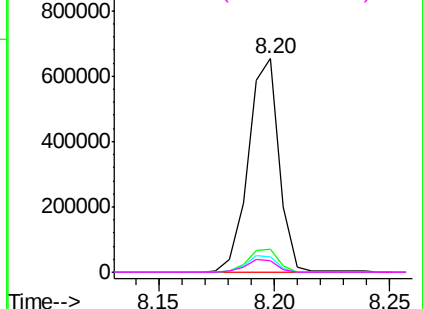
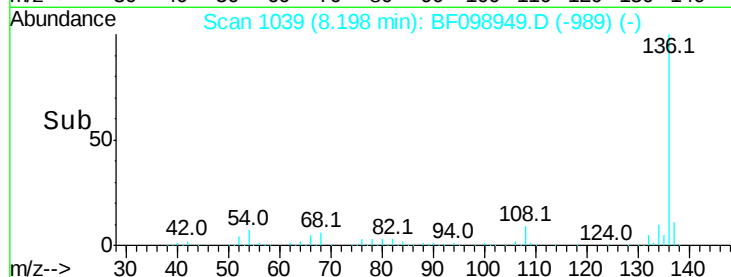
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098949.D
Acq: 29 Sep 2017 15:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	608484
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.3	6.6 9.8
68	5.6	5.0 7.4

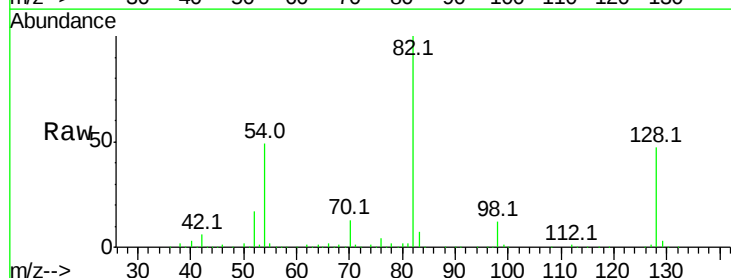


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

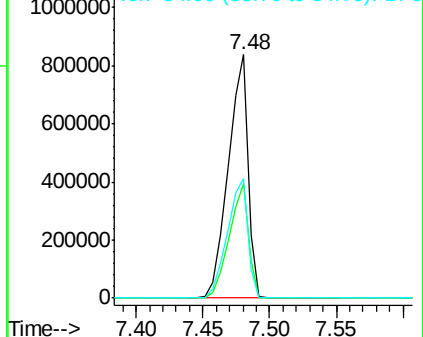
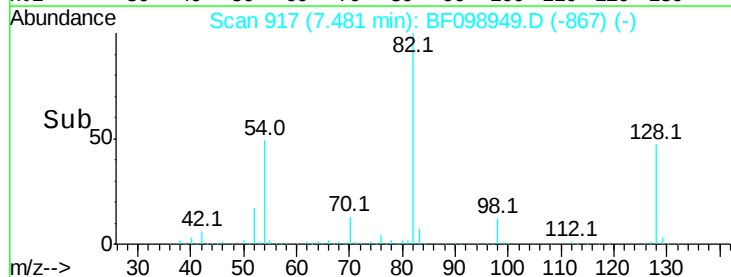


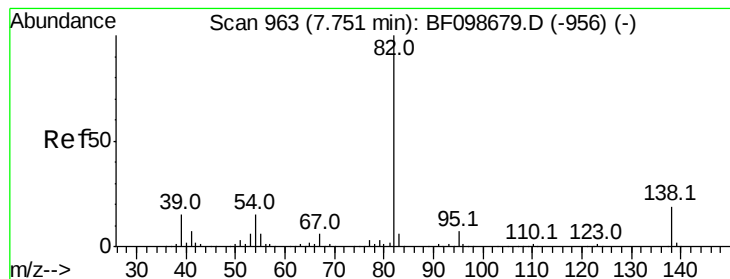
#23
Nitrobenzene-d5
Concen: 92.855 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098949.D
Acq: 29 Sep 2017 15:46

Tgt Ion: 82	Resp:	881036
Ion Ratio	Lower	Upper
82	100	
128	47.0	36.1 54.1
54	49.0	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: 44.683 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.26 min

Lab File: BF098949.D

Acq: 29 Sep 2017 15:46

Instrument :

BNA_F

ClientSampleId :

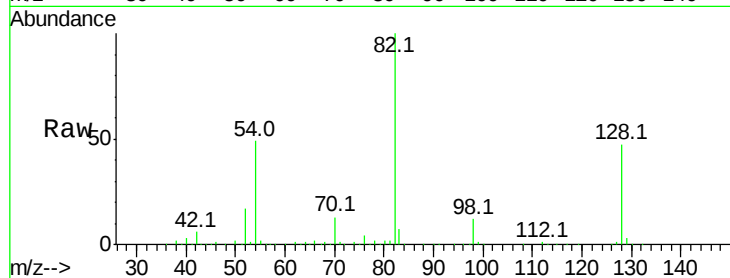
Tot Ion: 82 Resp: 876551

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

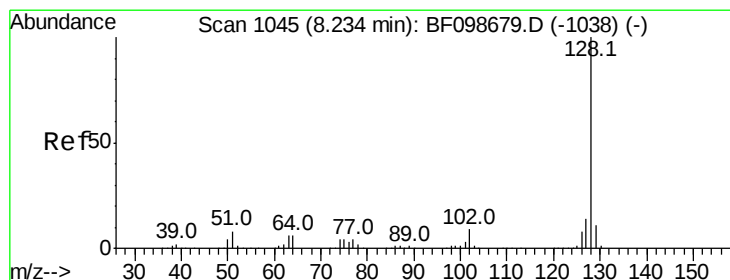
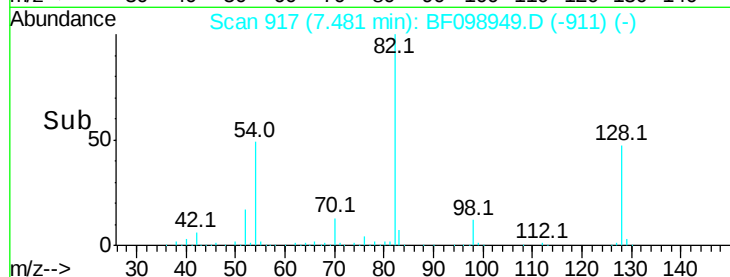
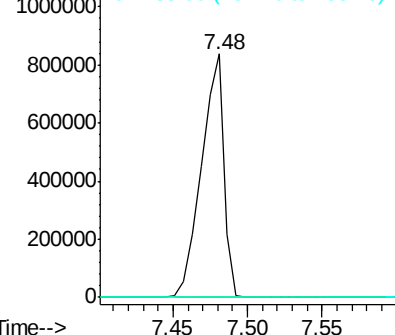
138 0.0 14.9 22.3#



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): E



#31

Naphthalene

Concen: 3.745 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF098949.D

Acq: 29 Sep 2017 15:46

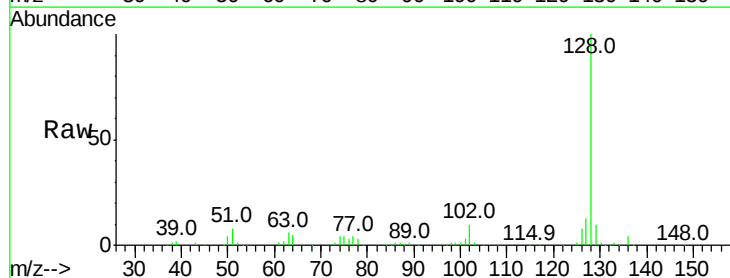
Tgt Ion: 128 Resp: 107035

Ion Ratio Lower Upper

128 100

129 10.2 8.8 13.2

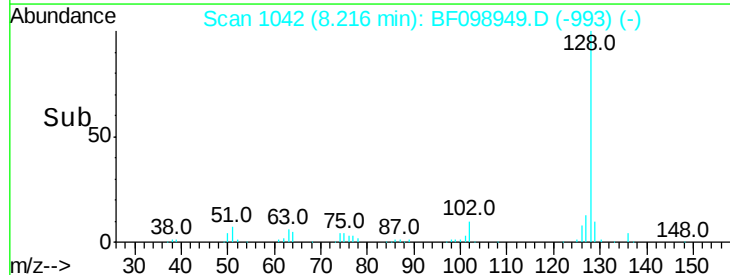
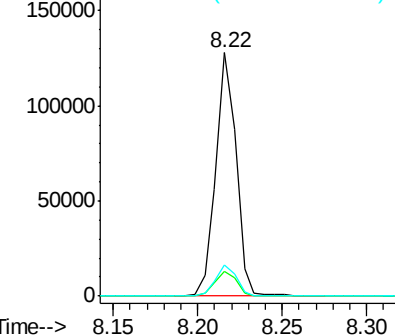
127 12.9 10.9 16.3

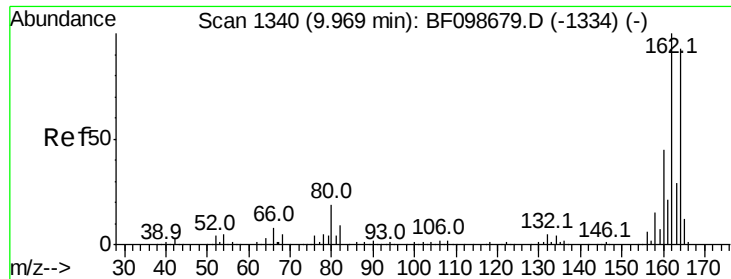


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

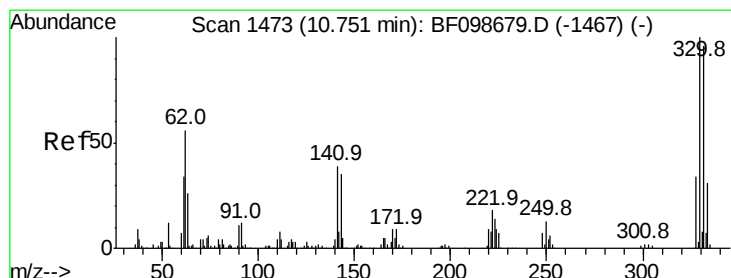
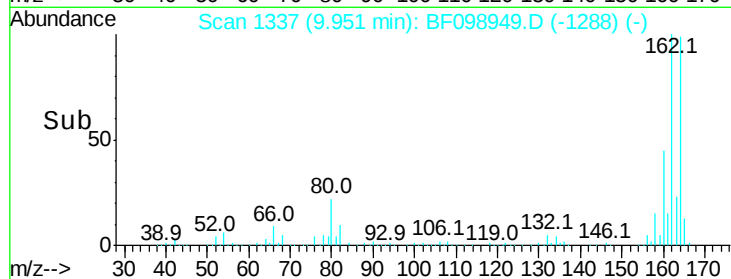
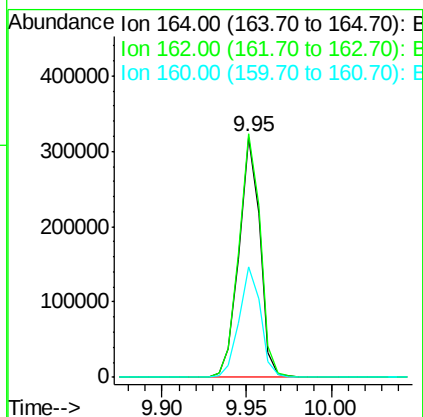
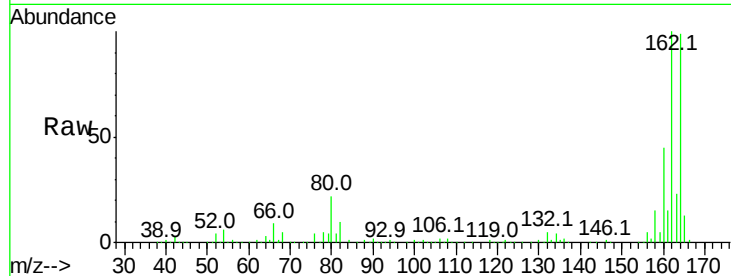




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098949.D
Acq: 29 Sep 2017 15:46

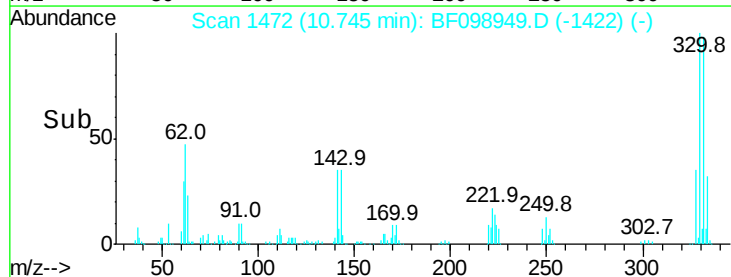
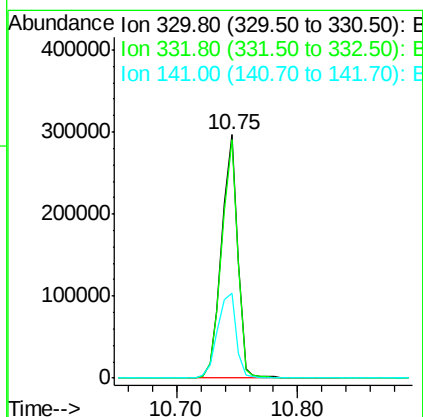
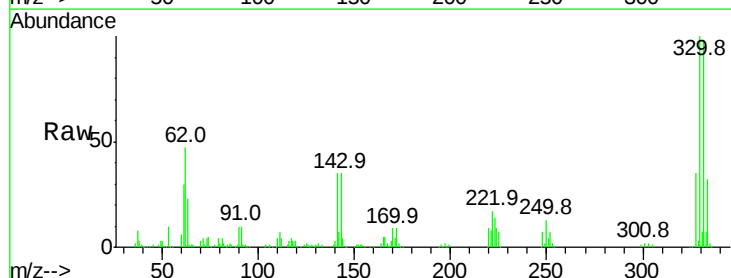
Instrument :
BNA_F
ClientSampleId :

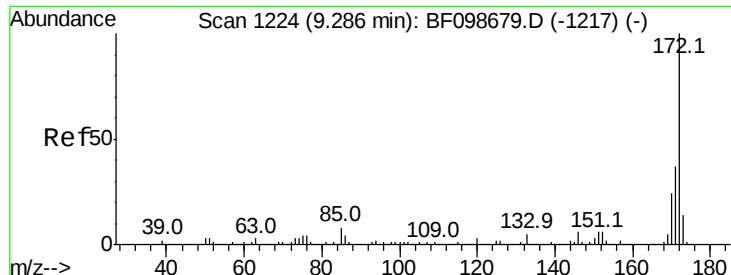
Tot Ion:164 Resp: 275707
Ion Ratio Lower Upper
164 100
162 101.5 86.1 129.1
160 46.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 121.296 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098949.D
Acq: 29 Sep 2017 15:46

Tgt Ion:330 Resp: 273647
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 40.2 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 89.634 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF098949.D

Acq: 29 Sep 2017 15:46

Instrument :

BNA_F

ClientSampleId :

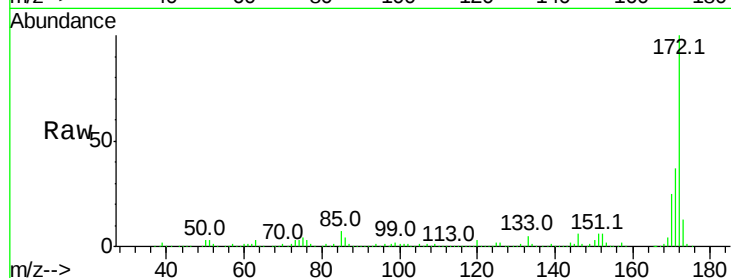
Tot Ion:172 Resp: 1480328

Ion Ratio Lower Upper

172 100

171 36.9 29.7 44.5

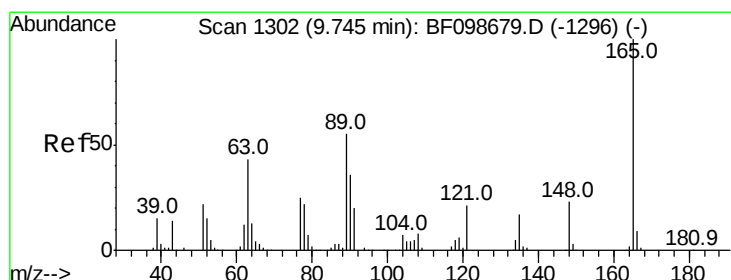
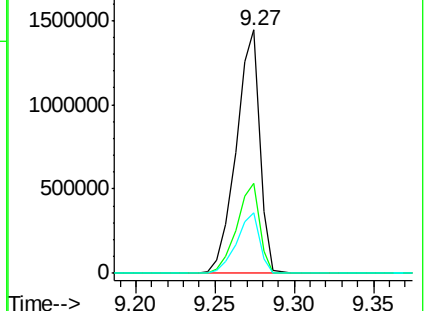
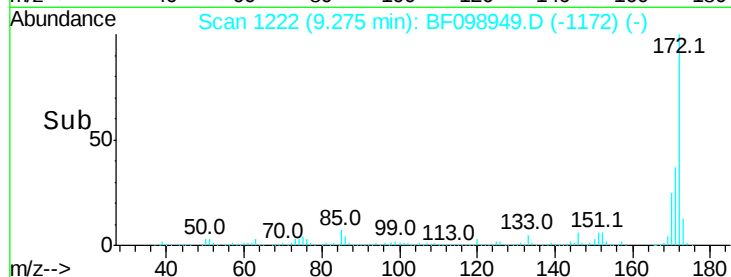
170 24.9 19.6 29.4



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: 7.591 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.21 min

Lab File: BF098949.D

Acq: 29 Sep 2017 15:46

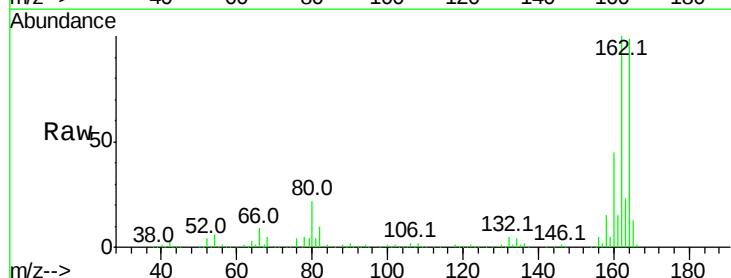
Tgt Ion:165 Resp: 34387

Ion Ratio Lower Upper

165 100

63 1.1 44.7 67.1#

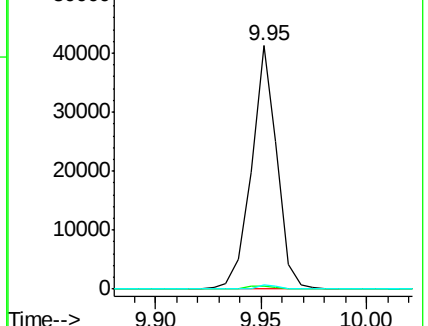
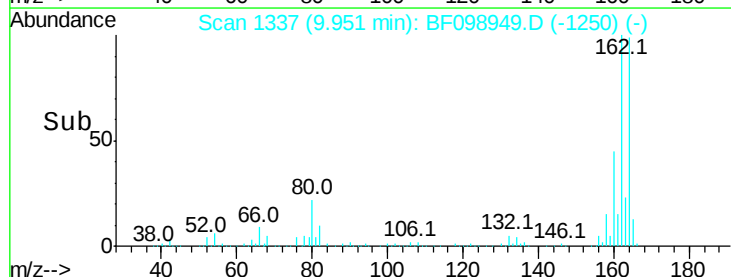
89 1.9 44.0 66.0#



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

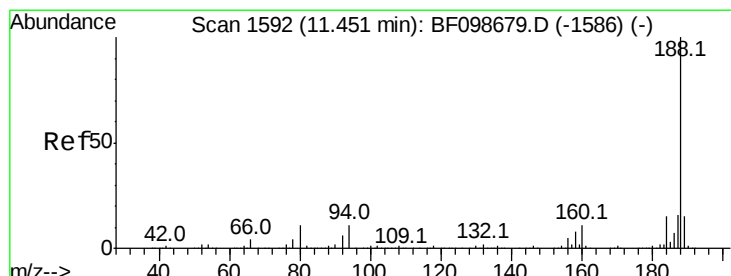
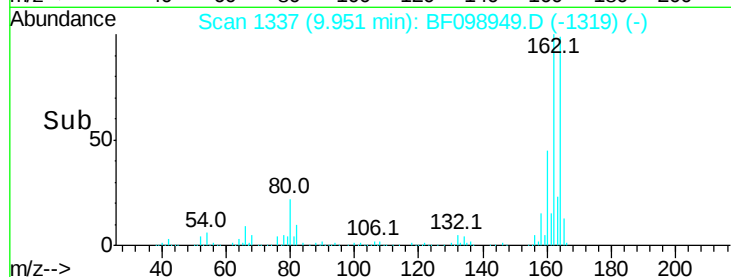
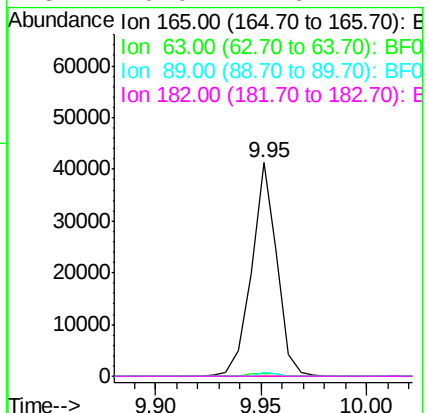
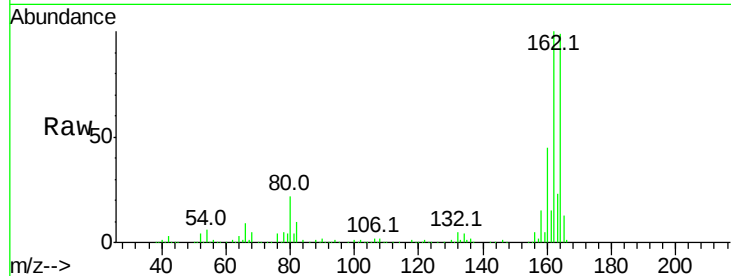




#56
 2,4-Dinitrotoluene
 Concen: 5.849 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098949.D
 Acq: 29 Sep 2017 15:46

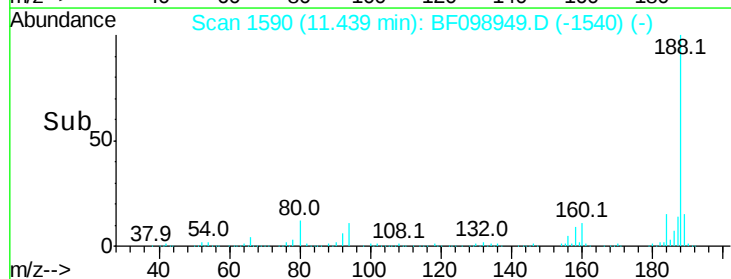
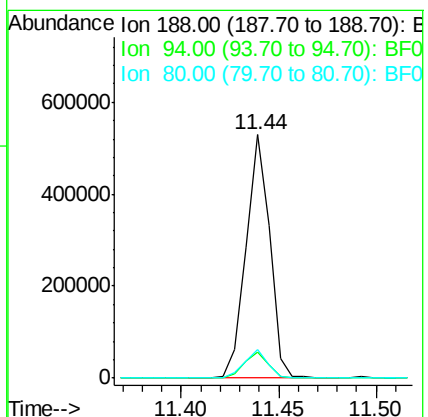
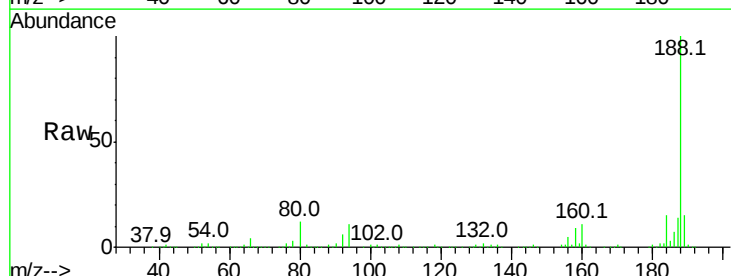
Instrument :
 BNA_F
 ClientSampleId :

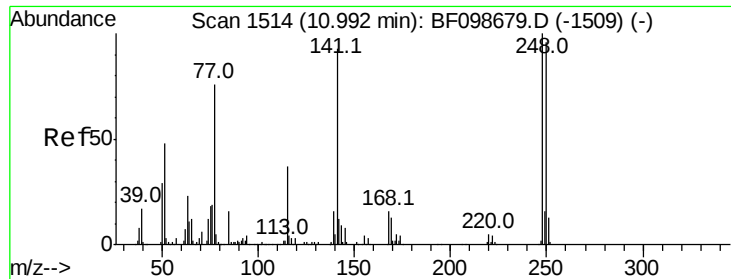
Tot Ion:165 Resp: 34387
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.4 54.6#
 89 1.9 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098949.D
 Acq: 29 Sep 2017 15:46

Tgt Ion:188 Resp: 448155
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.5 12.7
 80 11.7 9.2 13.8

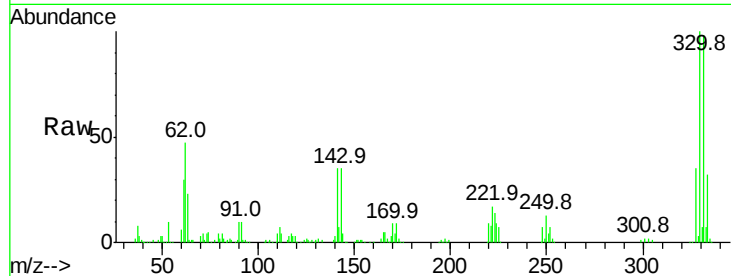




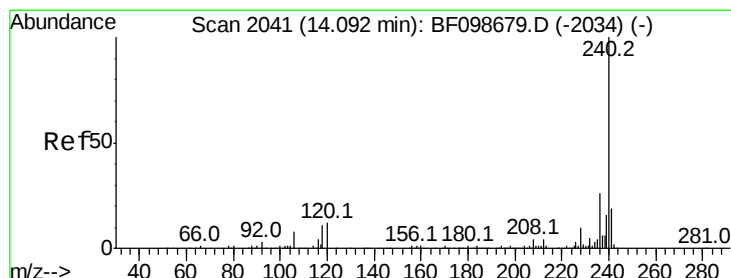
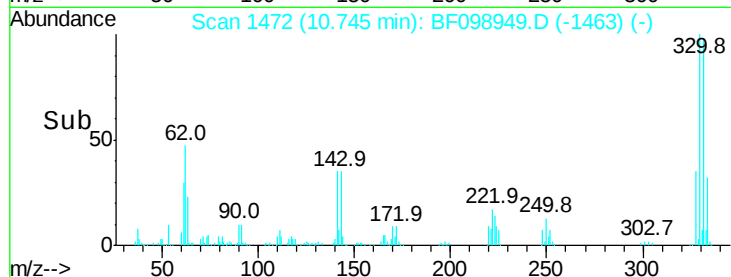
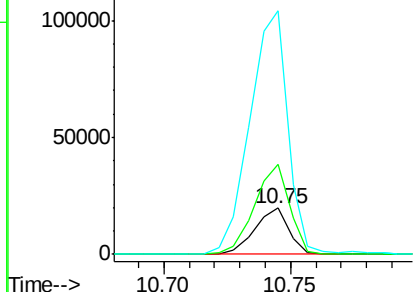
#66
4-Bromophenyl-phenylether
Concen: 4.235 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.25 min
Lab File: BF098949.D
Acq: 29 Sep 2017 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	194.8	76.9	115.3#
141	527.4	74.4	111.6#

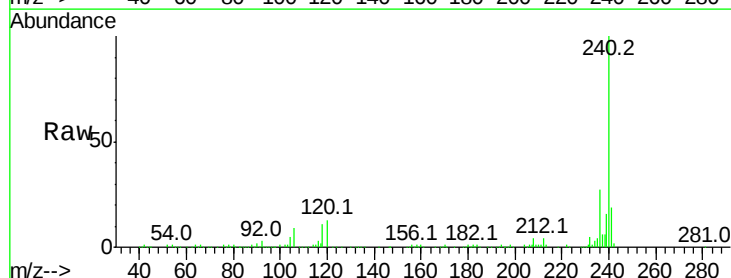


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

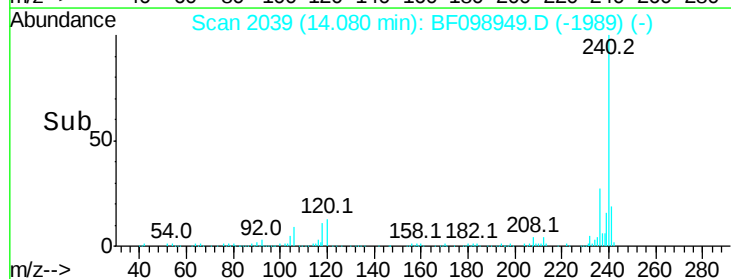
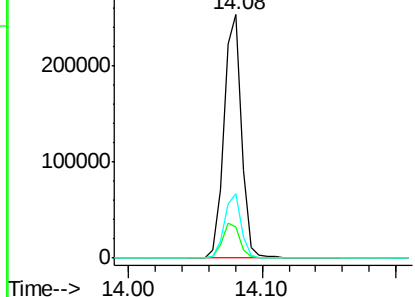


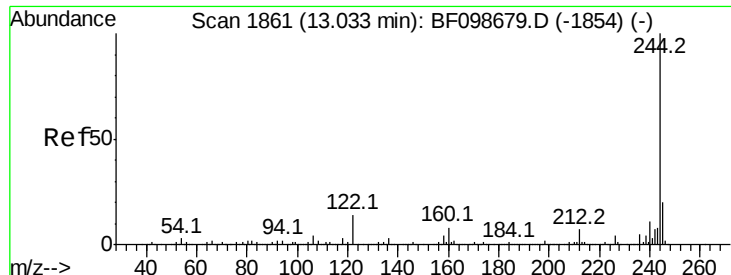
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098949.D
Acq: 29 Sep 2017 15:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.6	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: 104.860 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098949.D

Acq: 29 Sep 2017 15:46

Instrument :

BNA_F

ClientSampled :

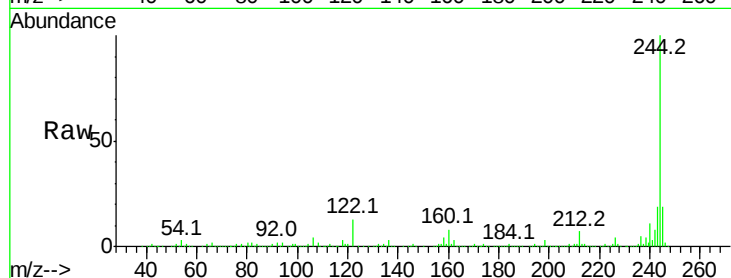
Tot Ion:244 Resp: 1083248

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

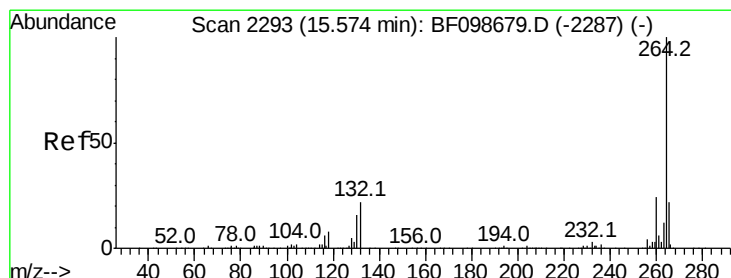
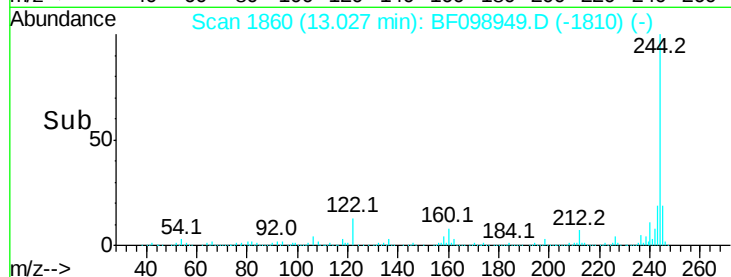
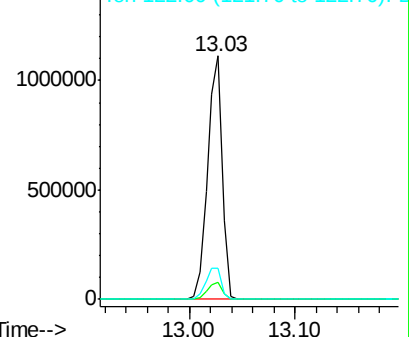
122 12.8 11.0 16.4



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: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BF098949.D

Acq: 29 Sep 2017 15:46

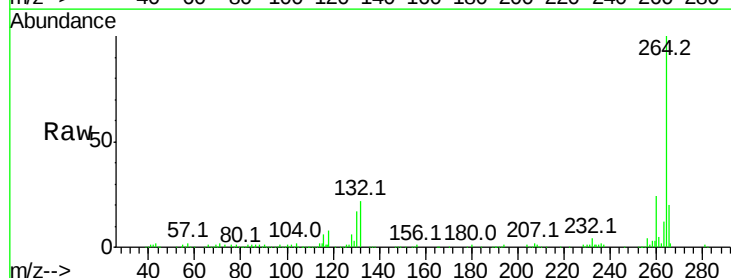
Tgt Ion:264 Resp: 236259

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.3 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

