

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098705.D
 Acq On : 22 Sep 2017 19:24
 Operator : SJ/JU
 Sample : PB102532BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BL

Quant Time: Sep 23 01:29:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

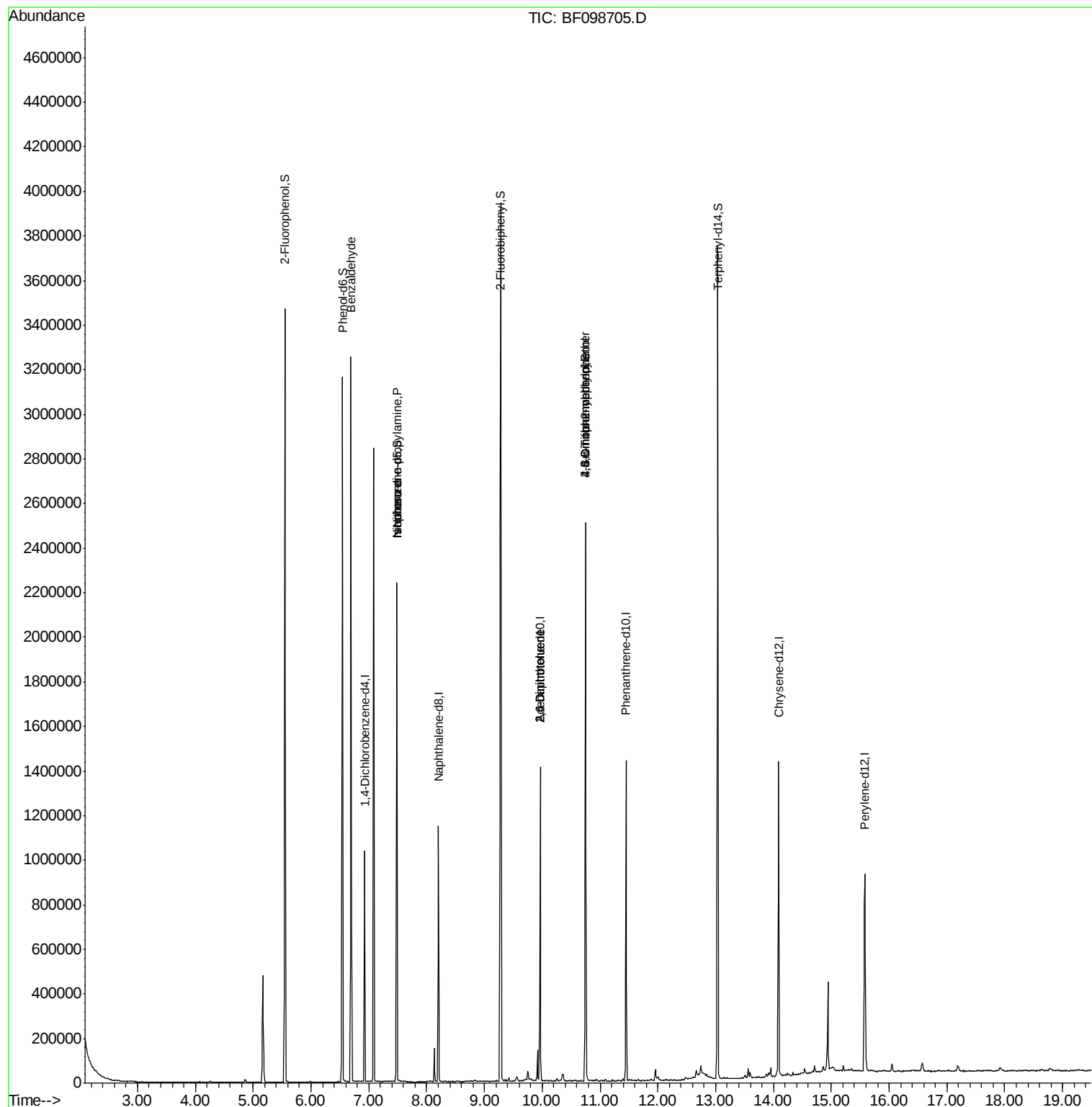
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	137735	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	572254	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	262340	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	480940	20.00	ng	0.00
75) Chrysene-d12	14.09	240	425702	20.00	ng	0.00
86) Perylene-d12	15.58	264	384665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1026562	113.18	ng	0.01
7) Phenol-d6	6.55	99	1221838	111.24	ng	0.00
23) Nitrobenzene-d5	7.49	82	739043	87.60	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	303668	126.57	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1349262	81.84	ng	0.00
78) Terphenyl-d14	13.03	244	1311616	66.16	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	21909	3.56	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.49	70	95651	14.06	ng	# 78
25) Isophorone	7.49	82	738837	40.16	ng	# 64
50) 2,6-Dinitrotoluene	9.96	165	32454	8.36	ng	# 25
56) 2,4-Dinitrotoluene	9.96	165	32454	6.22	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.75	198	627	9.16	ng	# 1
66) 4-Bromophenyl-phenylether	10.75	248	17947	3.70	ng	# 1

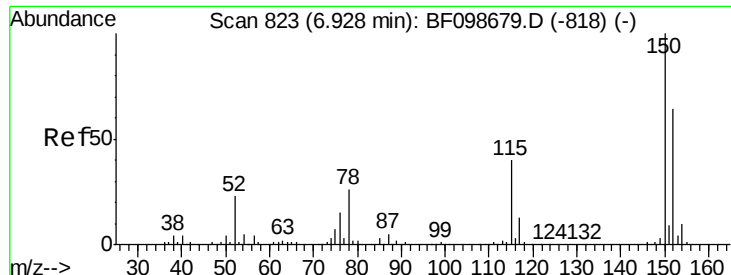
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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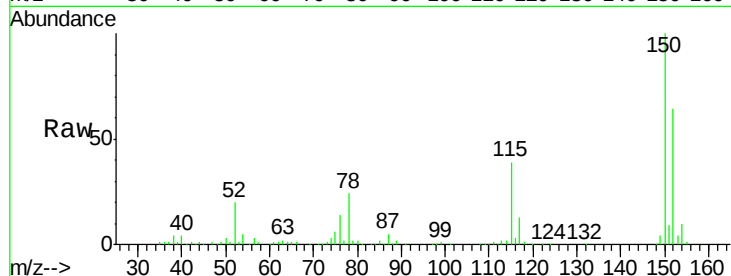


#1

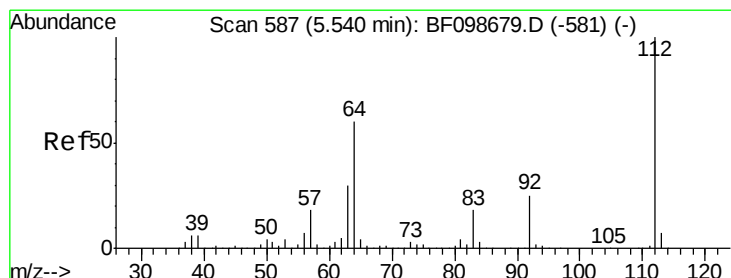
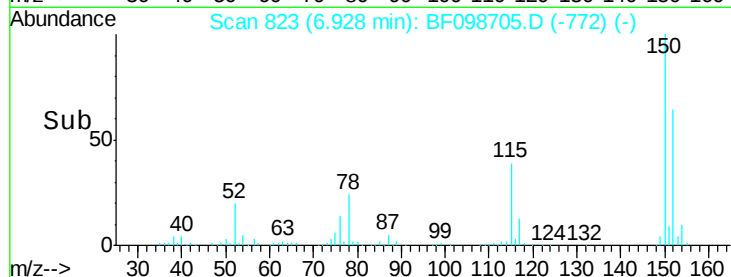
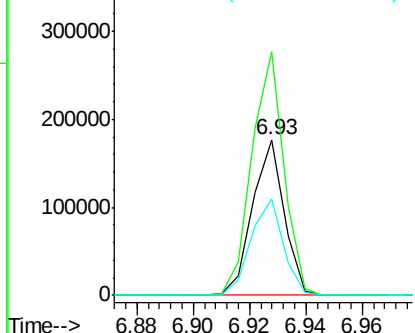
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF098705.D
 Acq: 22 Sep 2017 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	61.6	50.1	75.1



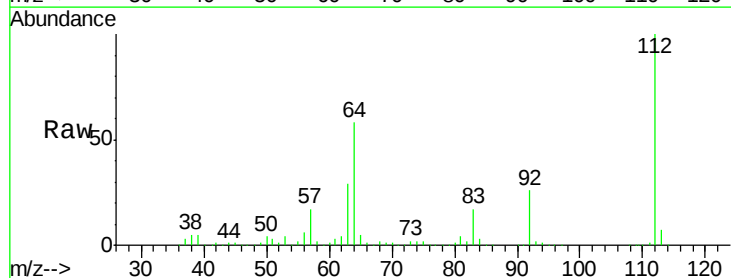
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



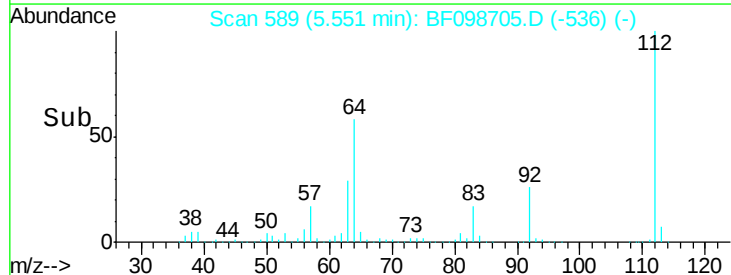
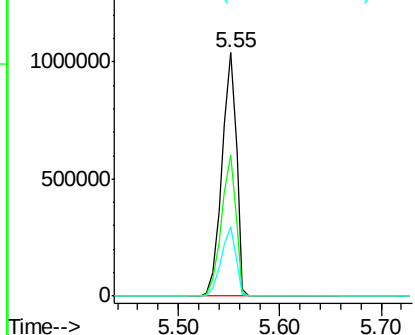
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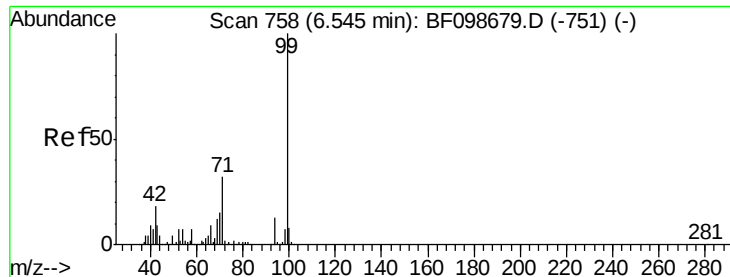
2-Fluorophenol
 Concen: 113.18 ng
 RT: 5.55 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: BF098705.D
 Acq: 22 Sep 2017 19:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	28.6	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: 111.24 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF098705.D

Acq: 22 Sep 2017 19:24

Instrument :

BNA_F

ClientSampleId :

PB102532BL

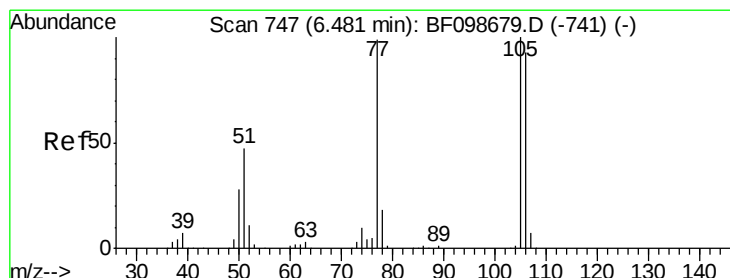
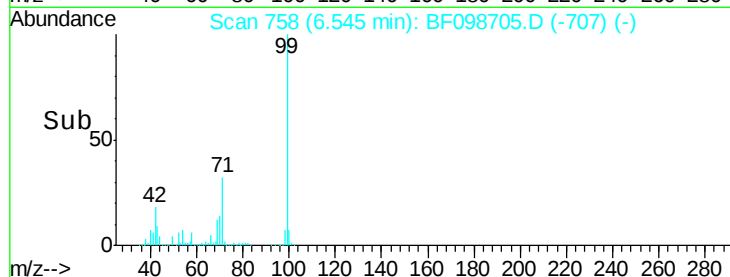
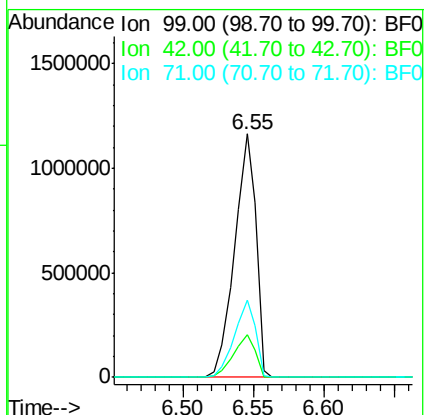
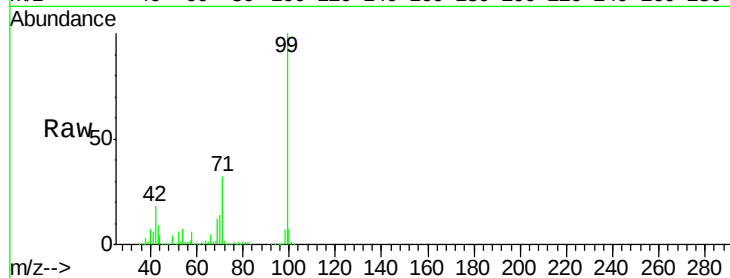
Tot Ion: 99 Resp: 1221838

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

71 31.8 25.4 38.0



#9

Benzaldehyde

Concen: 3.56 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.21 min

Lab File: BF098705.D

Acq: 22 Sep 2017 19:24

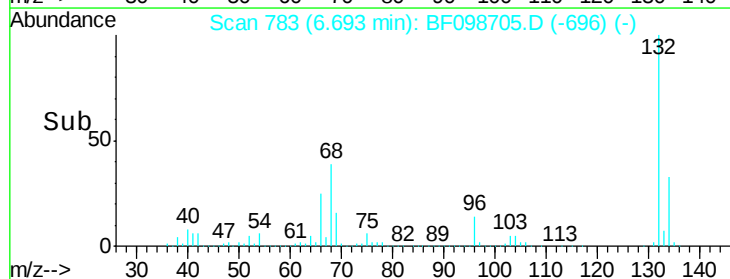
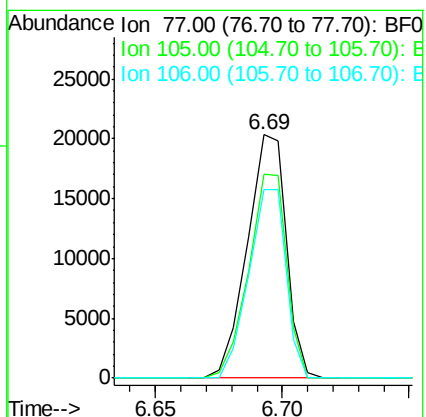
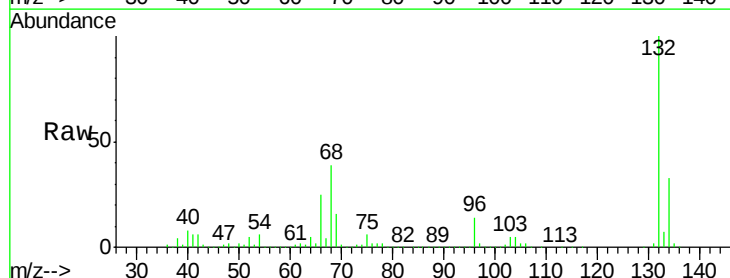
Tgt Ion: 77 Resp: 21909

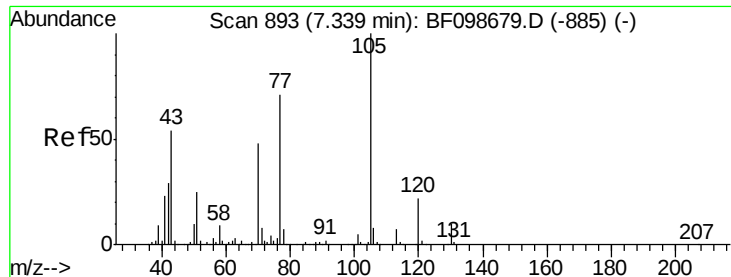
Ion Ratio Lower Upper

77 100

105 83.7 81.1 121.1

106 77.5 74.5 114.5

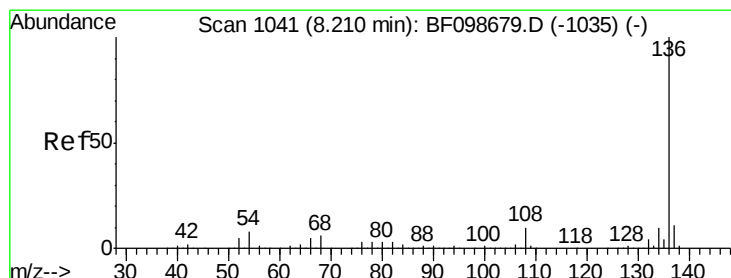
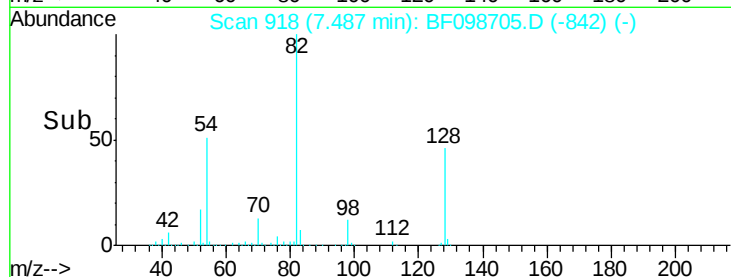
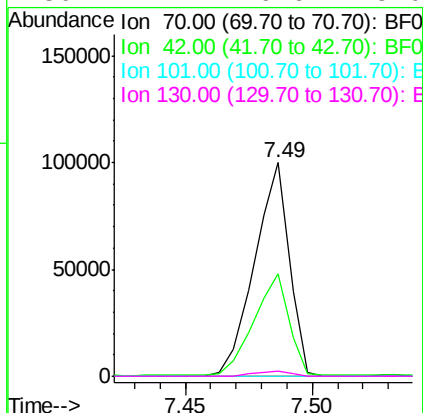
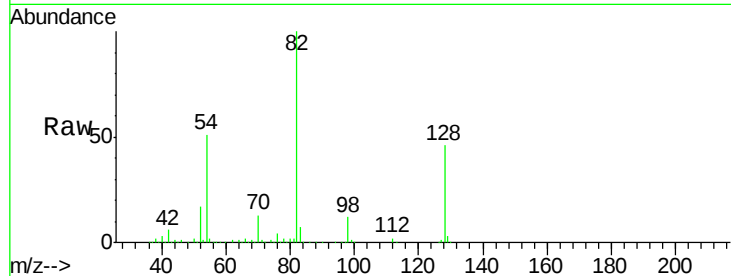




#19
n-Nitroso-di-n-propylamine
Concen: 14.06 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.15 min
Lab File: BF098705.D
Acq: 22 Sep 2017 19:24

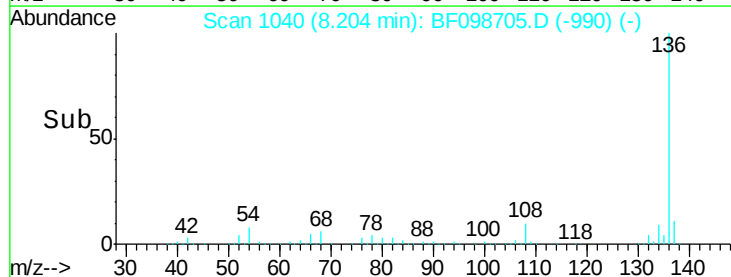
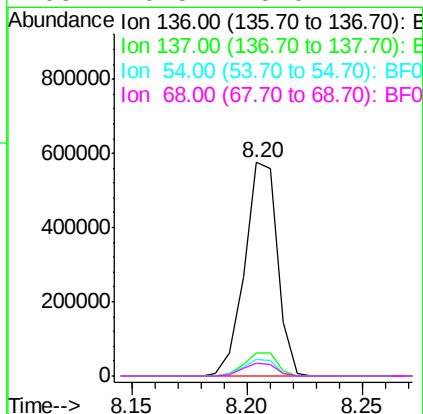
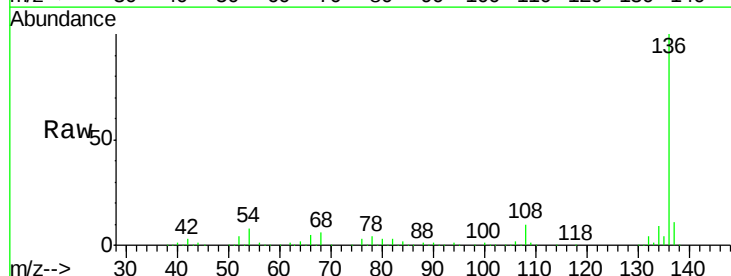
Instrument :
BNA_F
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PB102532BL

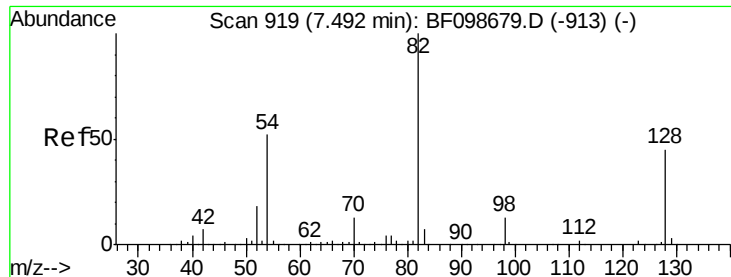
Tot Ion: 70 Resp: 95651
Ion Ratio Lower Upper
70 100
42 48.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF098705.D
Acq: 22 Sep 2017 19:24

Tgt Ion:136 Resp: 572254
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.1 6.6 9.8
68 6.3 5.0 7.4

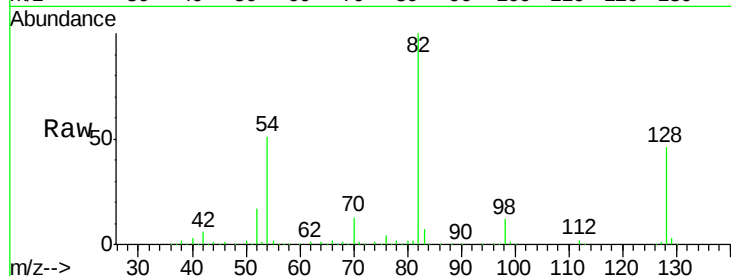




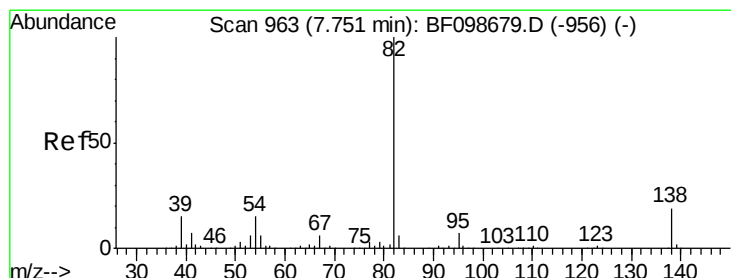
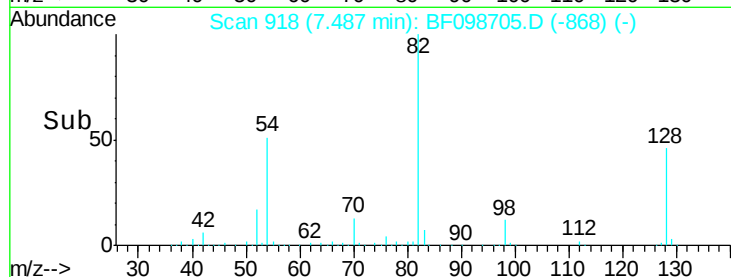
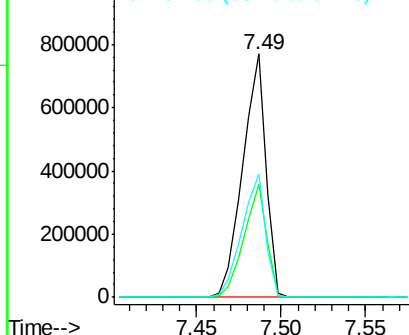
#23
 Nitrobenzene-d5
 Concen: 87.60 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF098705.D
 Acq: 22 Sep 2017 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BL

Tot Ion	82	Resp	739043
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.1	54.1
54	50.6	41.4	62.2

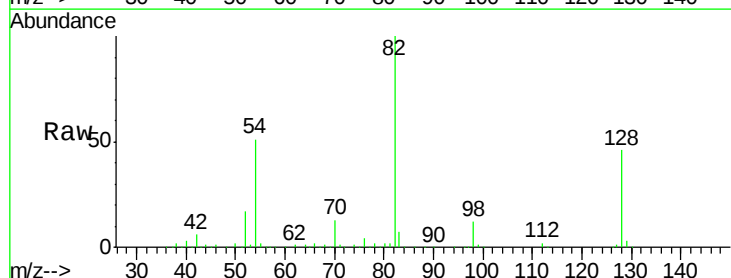


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

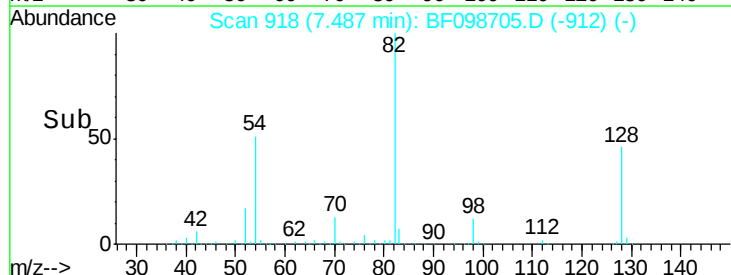
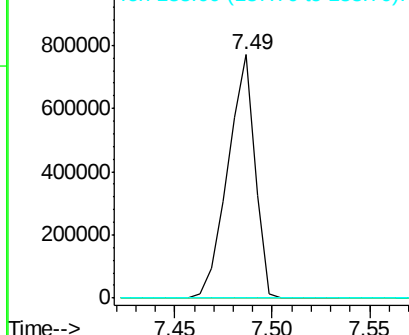


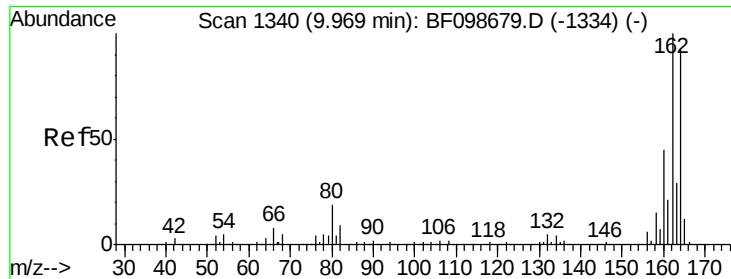
#25
 Isophorone
 Concen: 40.16 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.26 min
 Lab File: BF098705.D
 Acq: 22 Sep 2017 19:24

Tgt Ion	82	Resp	738837
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: 20.00 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF098705.D

Acq: 22 Sep 2017 19:24

Instrument :

BNA_F

ClientSampleId :

PB102532BL

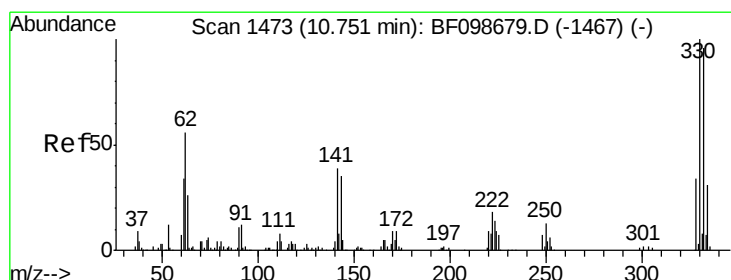
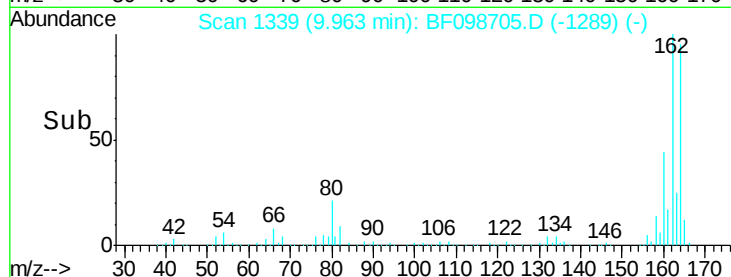
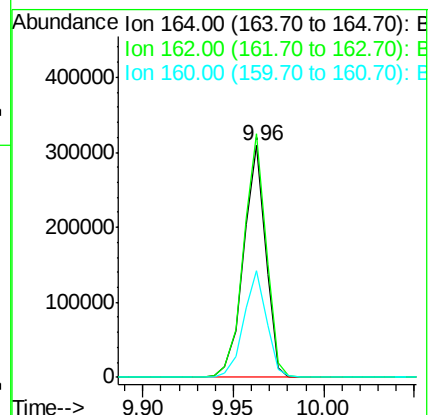
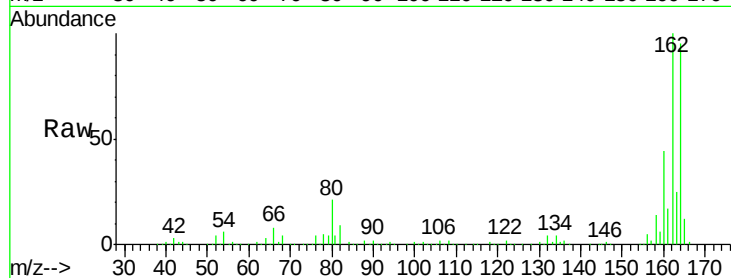
Tot Ion:164 Resp: 262340

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

160 46.1 38.3 57.5



#41

2,4,6-Tribromophenol

Concen: 126.57 ng

RT: 10.75 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BF098705.D

Acq: 22 Sep 2017 19:24

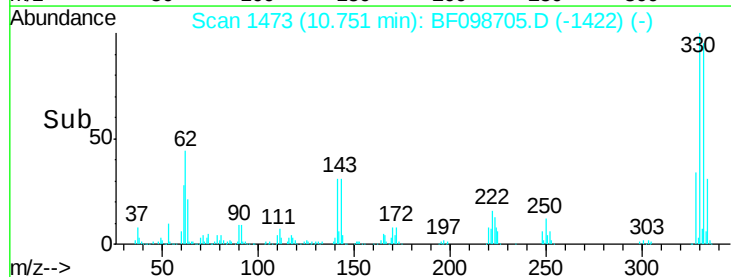
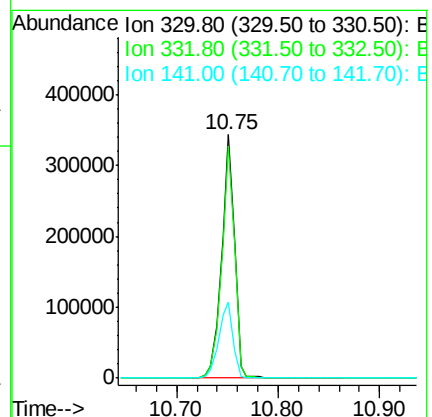
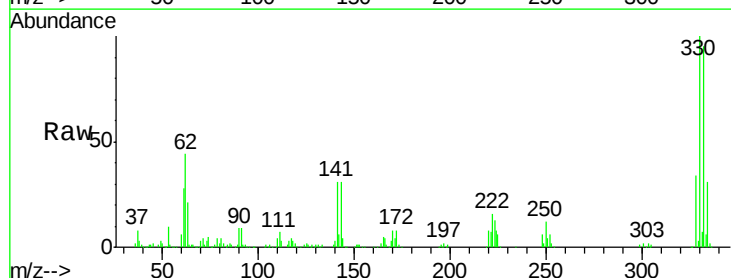
Tgt Ion:330 Resp: 303668

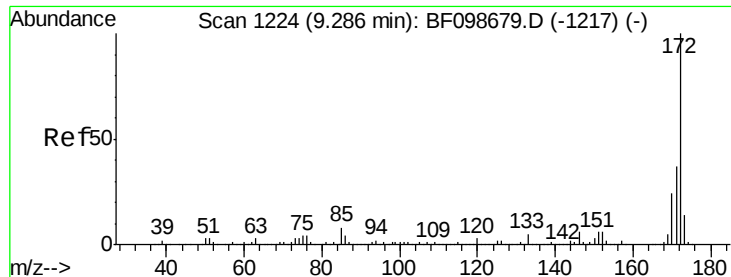
Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

141 34.8 29.9 44.9

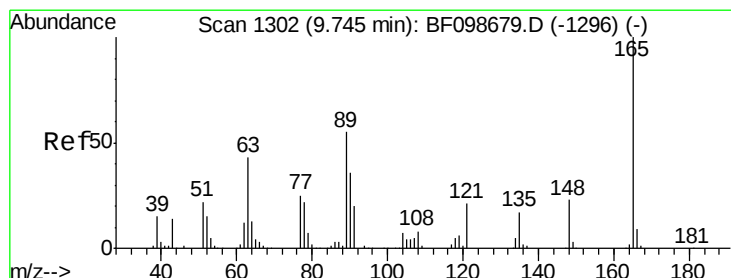
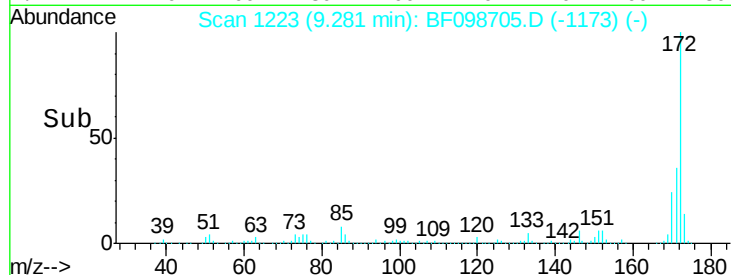
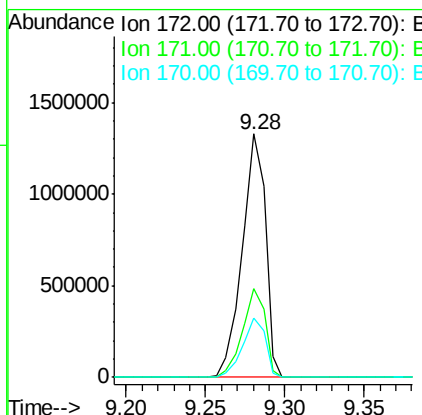
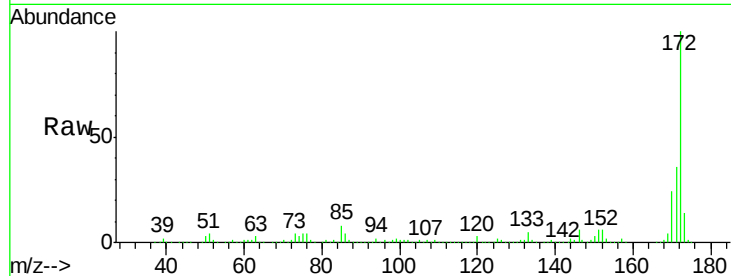




#44
 2-Fluorobiphenyl
 Concen: 81.84 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF098705.D
 Acq: 22 Sep 2017 19:24

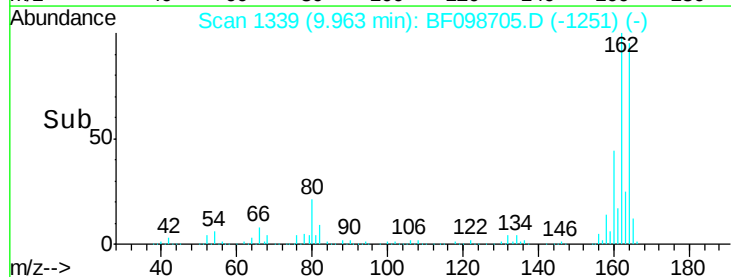
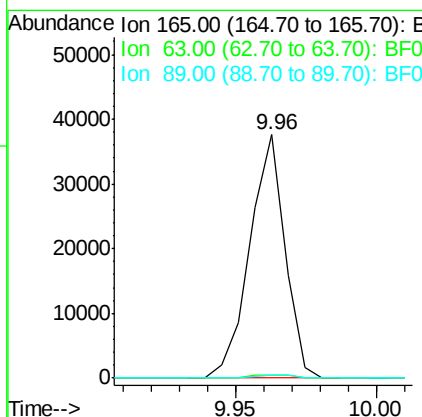
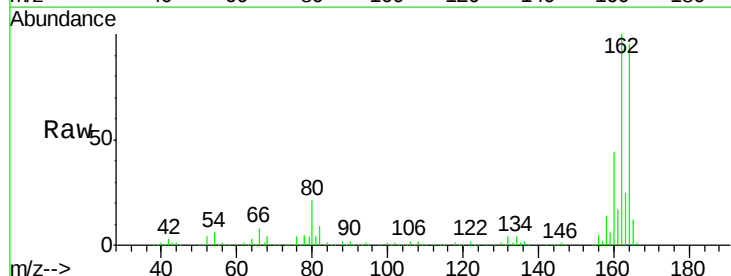
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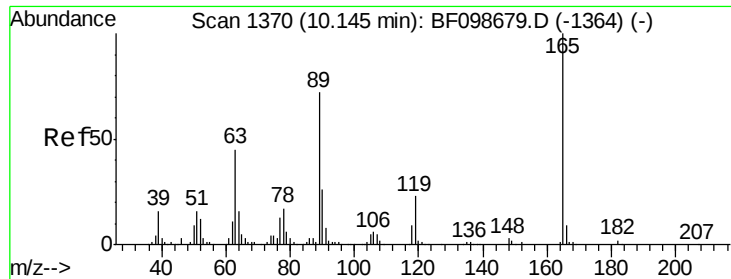
Tot Ion:172 Resp: 1349262
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.1 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 8.36 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.22 min
 Lab File: BF098705.D
 Acq: 22 Sep 2017 19:24

Tgt Ion:165 Resp: 32454
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 1.4 44.0 66.0#

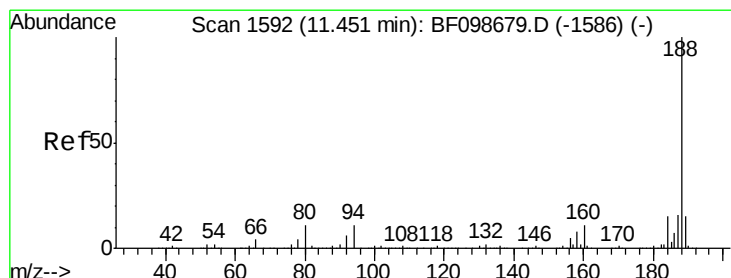
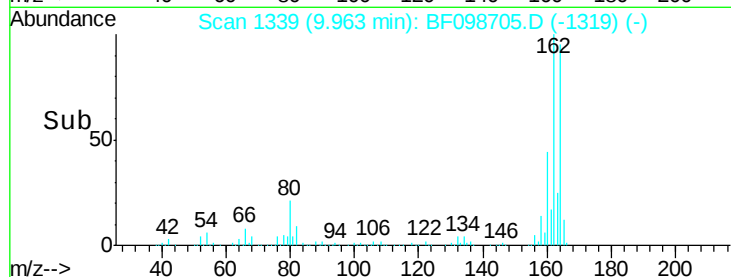
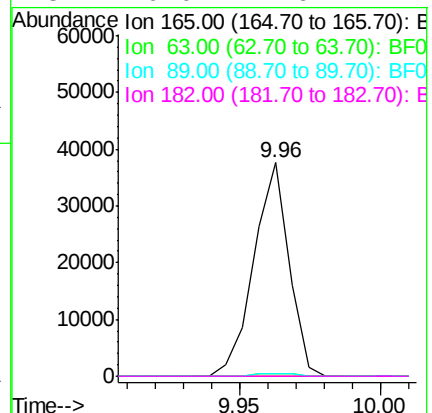
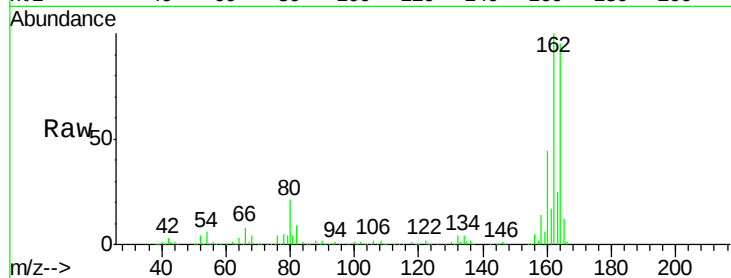




#56
 2,4-Dinitrotoluene
 Concen: 6.22 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.18 min
 Lab File: BF098705.D
 Acq: 22 Sep 2017 19:24

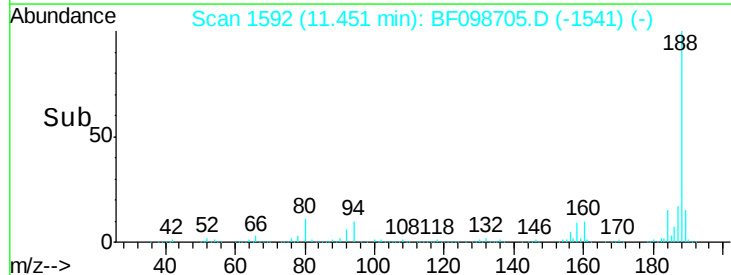
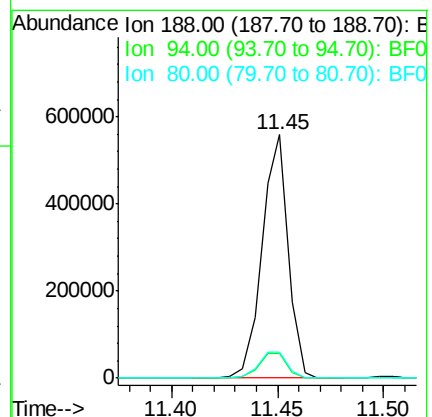
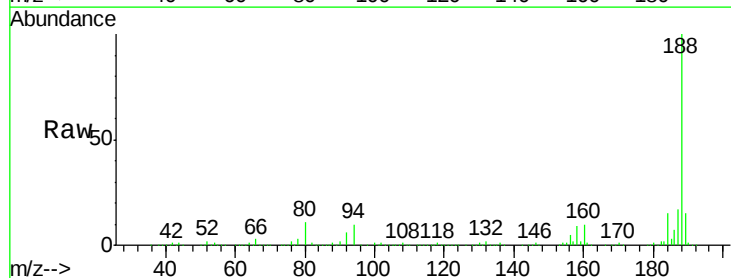
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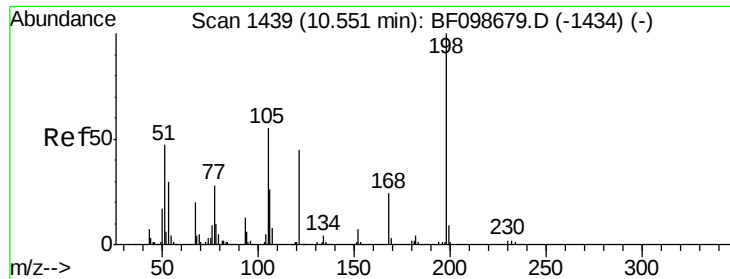
Tot Ion:165 Resp: 32454
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF098705.D
 Acq: 22 Sep 2017 19:24

Tgt Ion:188 Resp: 480940
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 10.7 9.2 13.8

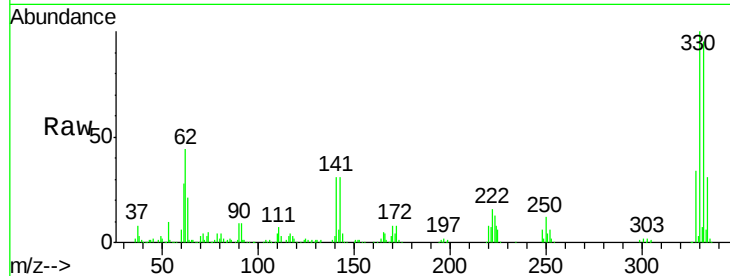




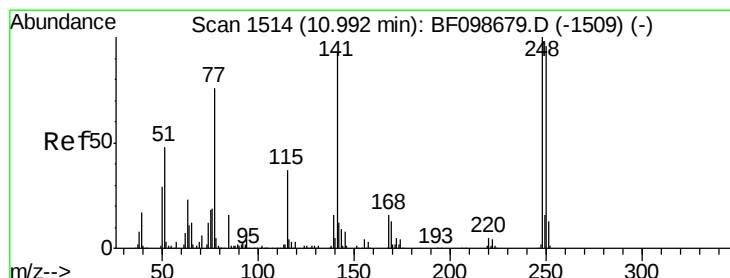
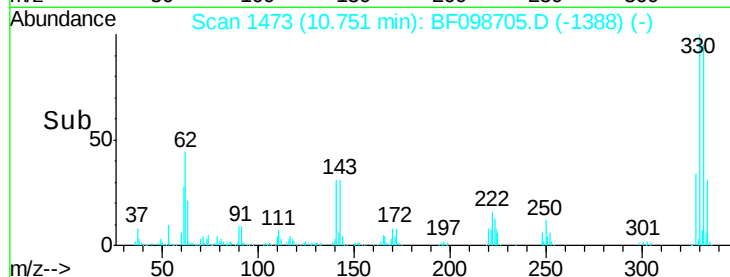
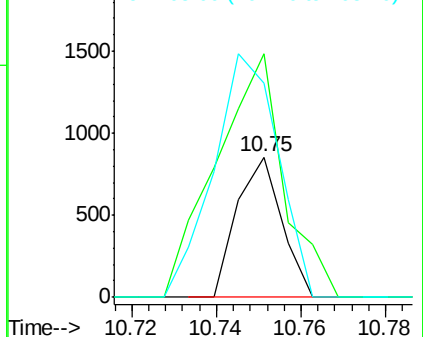
#64
4,6-Dinitro-2-methylphenol
Concen: 9.16 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.20 min
Lab File: BF098705.D
Acq: 22 Sep 2017 19:24

Instrument :
BNA_F
ClientSampleId :
PB102532BL

Tot Ion:198 Resp: 627
Ion Ratio Lower Upper
198 100
51 173.6 37.7 77.7#
105 152.4 36.3 76.3#

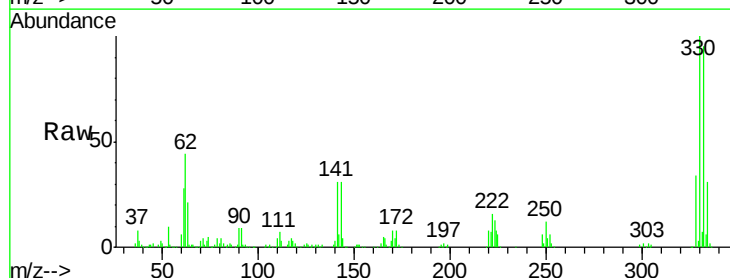


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

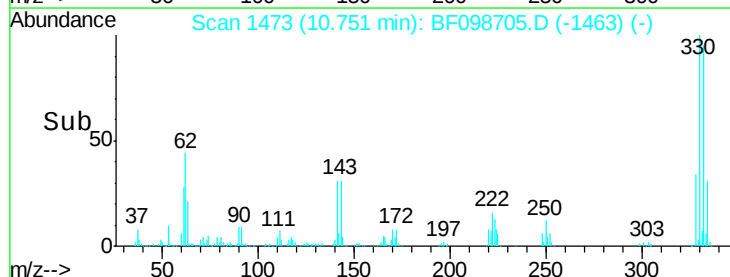
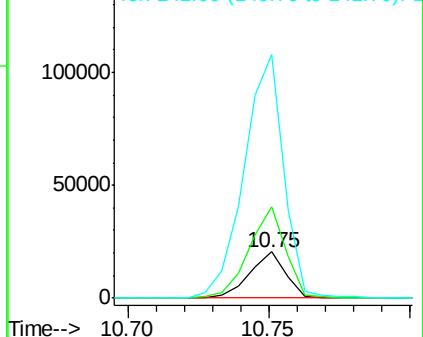


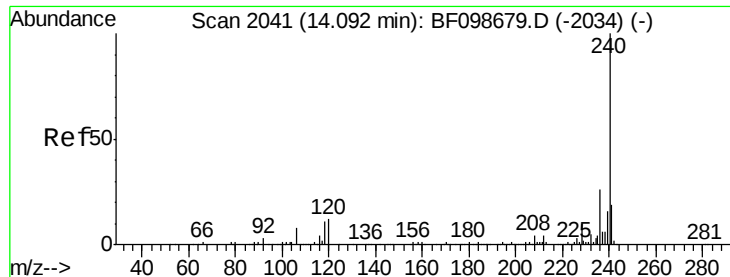
#66
4-Bromophenyl-phenylether
Concen: 3.70 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.24 min
Lab File: BF098705.D
Acq: 22 Sep 2017 19:24

Tgt Ion:248 Resp: 17947
Ion Ratio Lower Upper
248 100
250 196.3 76.9 115.3#
141 525.4 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: 20.00 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF098705.D

Acq: 22 Sep 2017 19:24

Instrument :

BNA_F

ClientSampleId :

PB102532BL

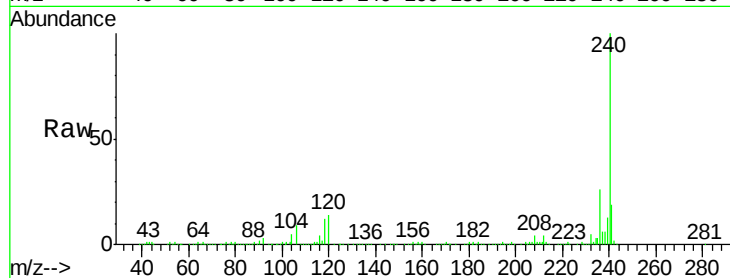
Tot Ion:240 Resp: 425702

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

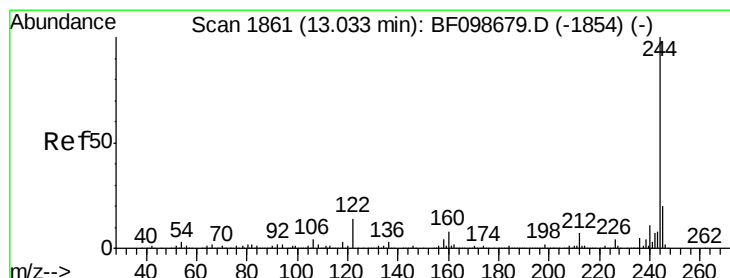
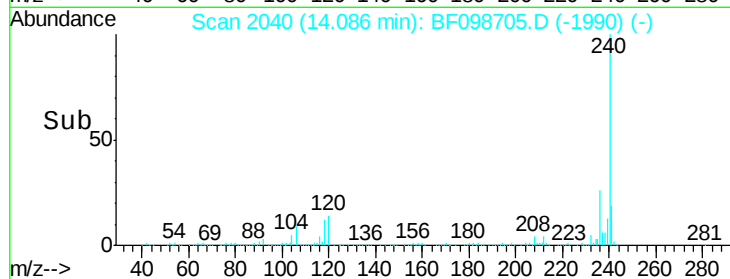
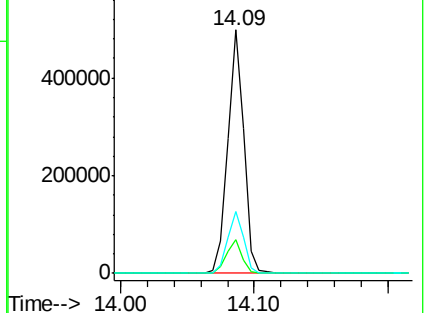
236 25.6 20.7 31.1



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: 66.16 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BF098705.D

Acq: 22 Sep 2017 19:24

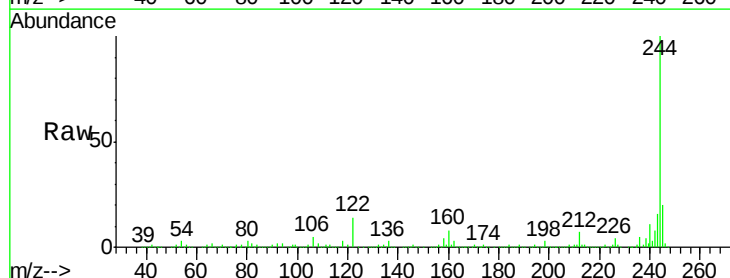
Tgt Ion:244 Resp: 1311616

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

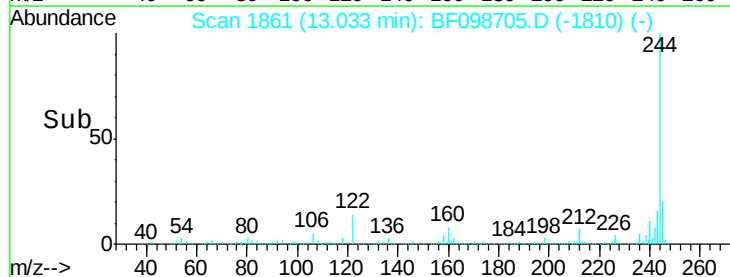
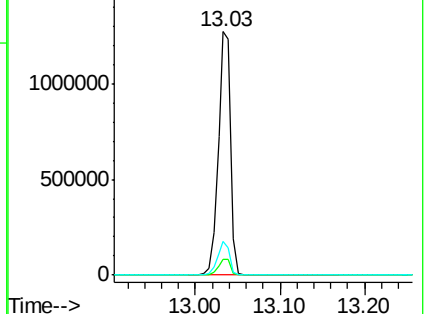
122 14.0 11.0 16.4

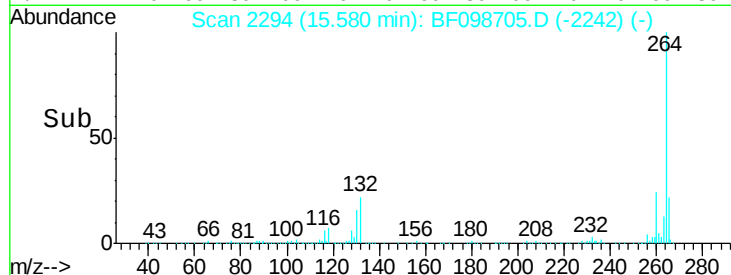
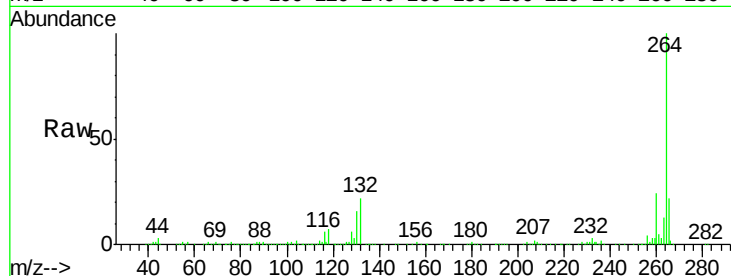
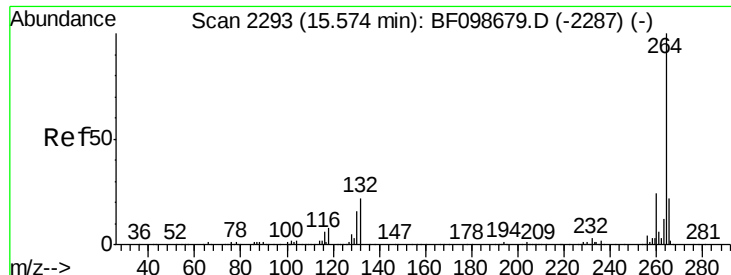


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF098705.D
 Acq: 22 Sep 2017 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BL

Tot Ion:	264	Resp:	384665
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.5	26.3

