

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104998.D
 Acq On : 1 May 2018 21:39
 Operator : JU/SJ
 Sample : PB108628BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108628BL

Quant Time: May 02 06:55:14 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118309	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	494466	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	221940	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	361902	20.00	ng	0.00
75) Chrysene-d12	14.00	240	232345	20.00	ng	0.03
86) Perylene-d12	15.54	264	205591	20.00	ng	0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	761659	98.44	ng	0.00
7) Phenol-d6	6.43	99	908783	95.59	ng	0.00
23) Nitrobenzene-d5	7.36	82	557048	73.56	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	199847	86.81	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1027436	73.13	ng	0.00
78) Terphenyl-d14	12.91	244	807887	79.27	ng	0.00

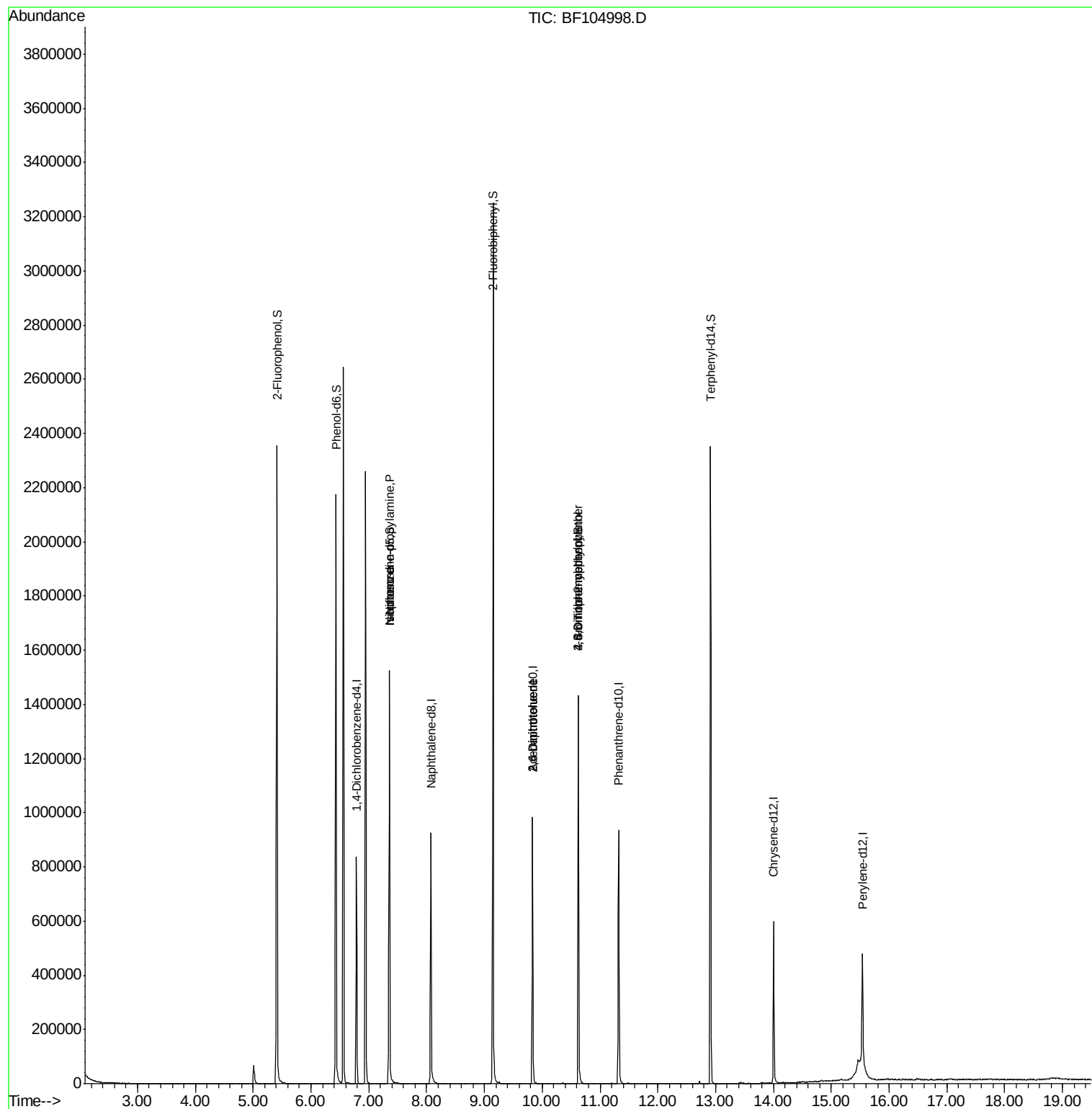
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	71801	11.558	ng	# 72
25) Isophorone	7.36	82	557042	34.787	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	28365	8.759	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	28365	6.677	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	264	7.474	ng	# 34
66) 4-Bromophenyl-phenylether	10.62	248	11965	3.108	ng	# 1
76) Benzidine	12.91	184	10125	Below Cal		# 95

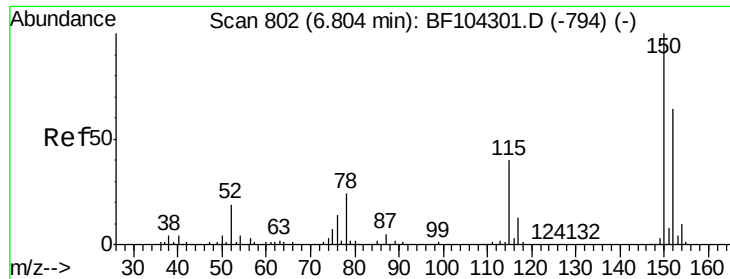
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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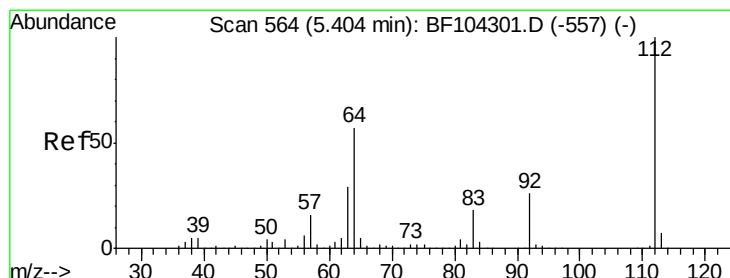
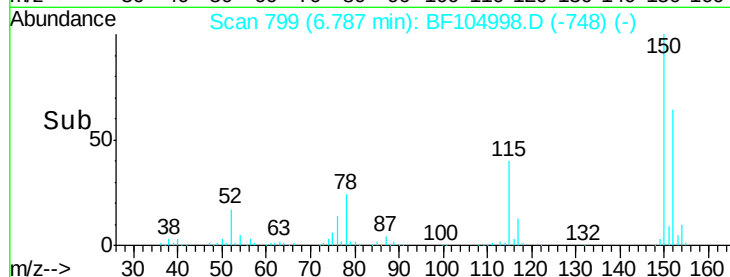
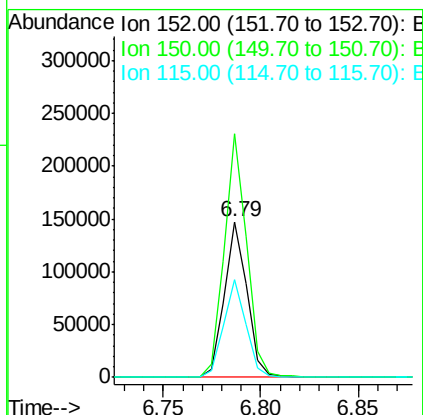
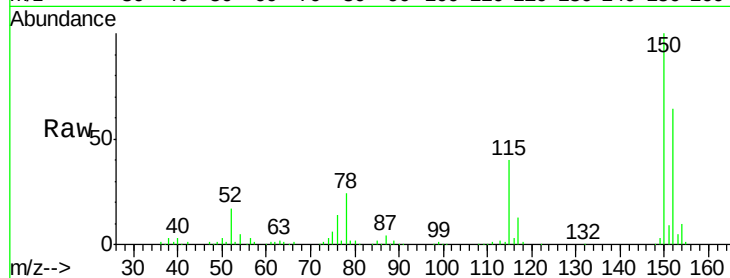


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF104998.D
Acq: 1 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
PB108628BL

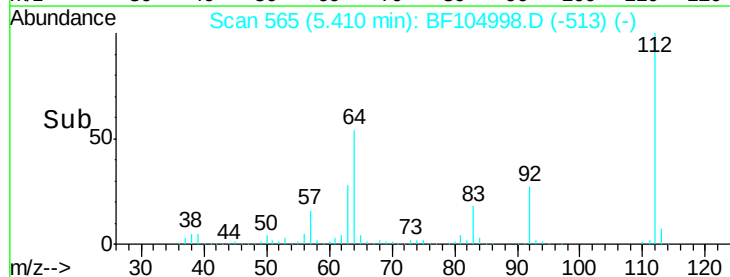
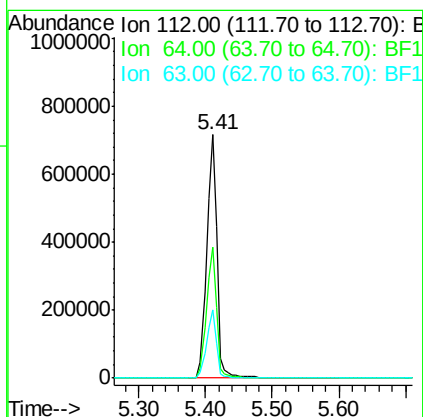
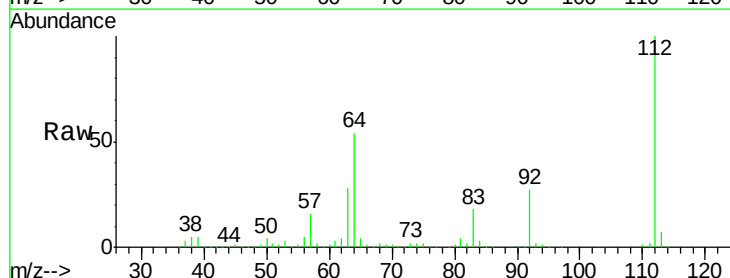
Tgt Ion:152 Resp: 118309
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 62.6 50.1 75.1

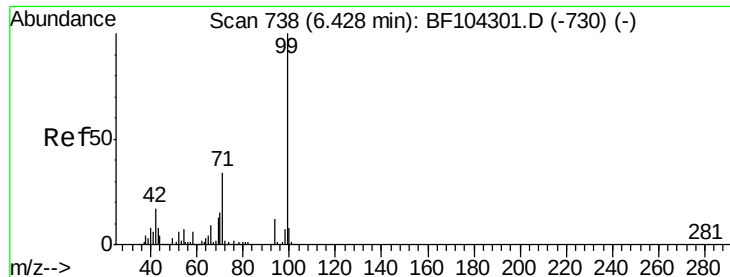


#5

2-Fluorophenol
Concen: 98.439 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104998.D
Acq: 1 May 2018 21:39

Tgt Ion:112 Resp: 761659
Ion Ratio Lower Upper
112 100
64 54.0 47.9 71.9
63 27.9 23.7 35.5





#7

Phenol-d6

Concen: 95.594 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF104998.D

Acq: 1 May 2018 21:39

Instrument :

BNA_F

ClientSampleId :

PB108628BL

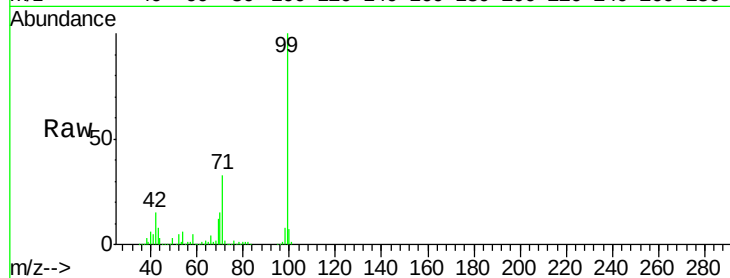
Tgt Ion: 99 Resp: 908783

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

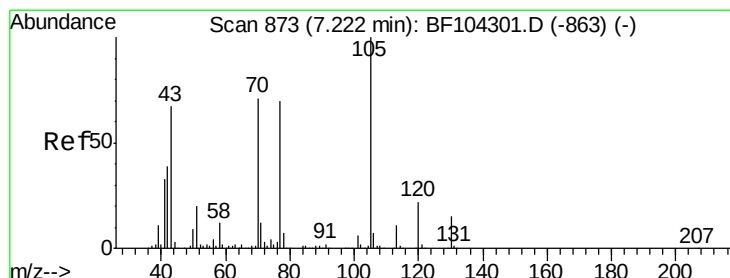
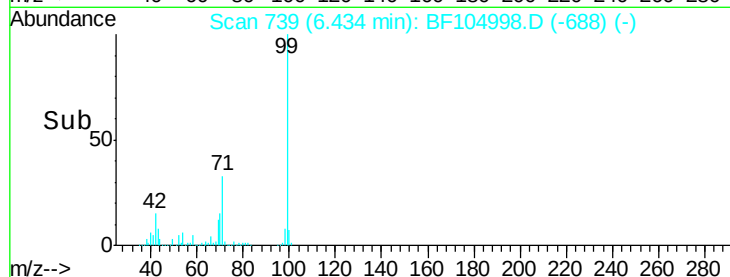
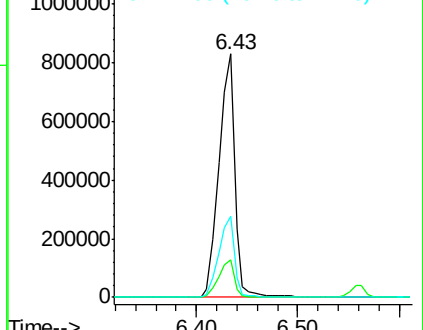
71 33.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.558 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF104998.D

Acq: 1 May 2018 21:39

Tgt Ion: 70 Resp: 71801

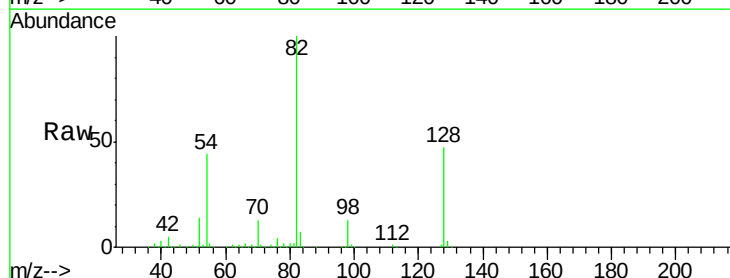
Ion Ratio Lower Upper

70 100

42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

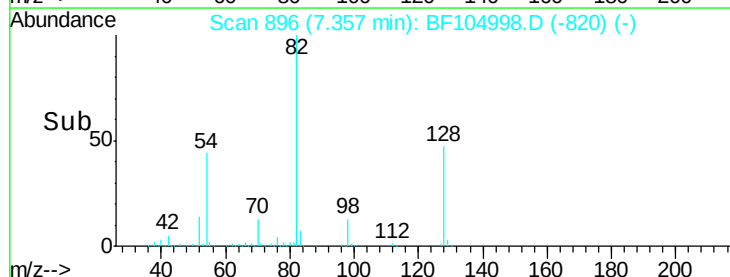
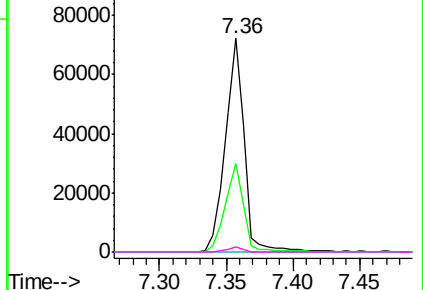


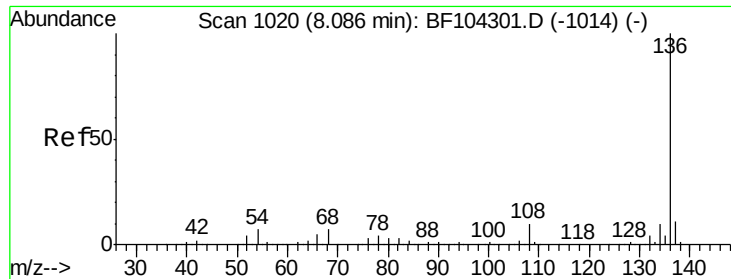
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

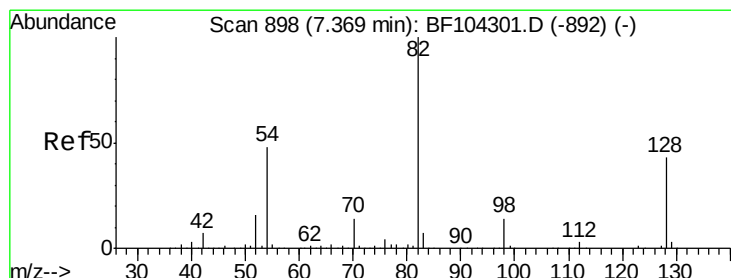
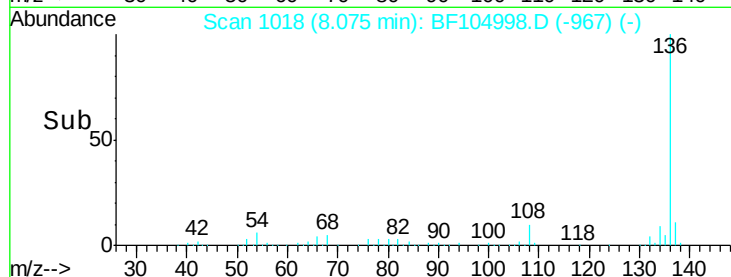
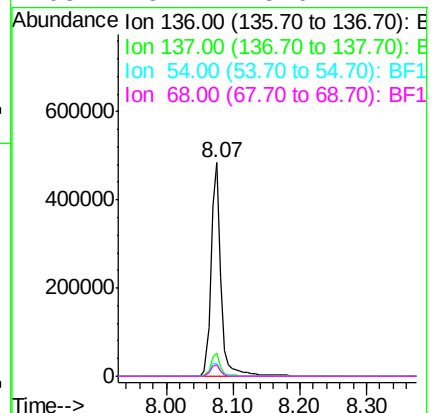
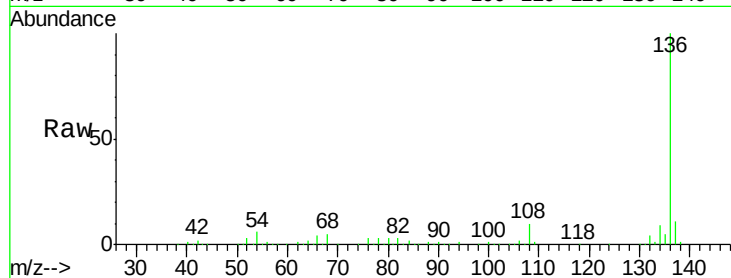




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF104998.D
Acq: 1 May 2018 21:39

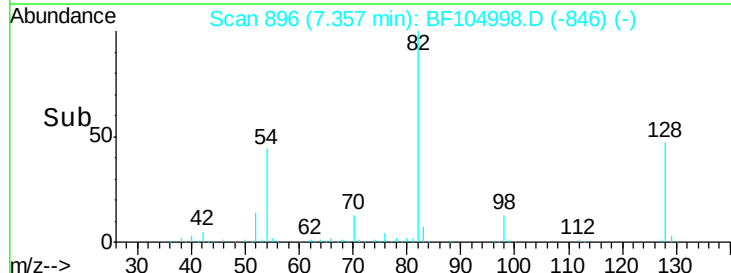
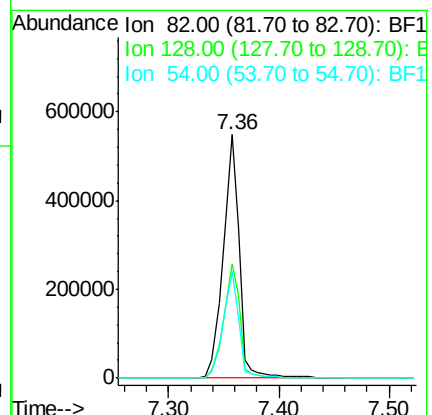
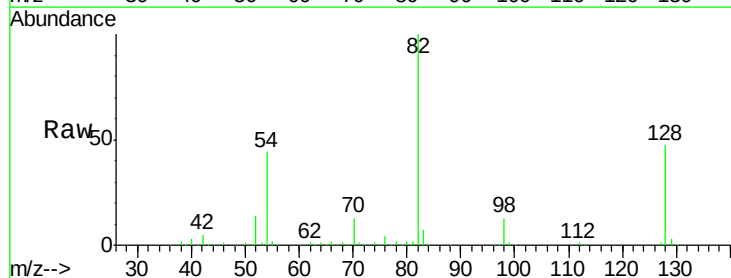
Instrument :
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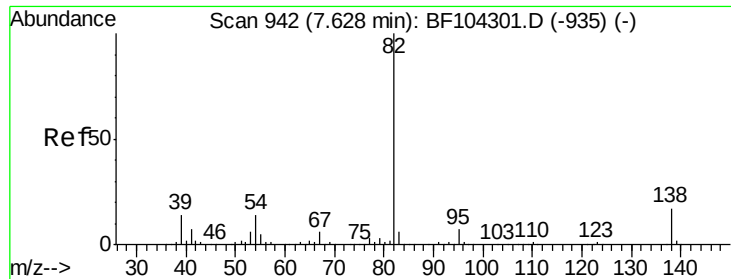
Tgt Ion:	136	Resp:	494466
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.0	6.6	9.8#
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 73.563 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104998.D
Acq: 1 May 2018 21:39

Tgt Ion:	82	Resp:	557048
Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	43.7	41.4	62.2





#25

Isophorone

Concen: 34.787 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF104998.D

Acq: 1 May 2018 21:39

Instrument :

BNA_F

ClientSampleId :

PB108628BL

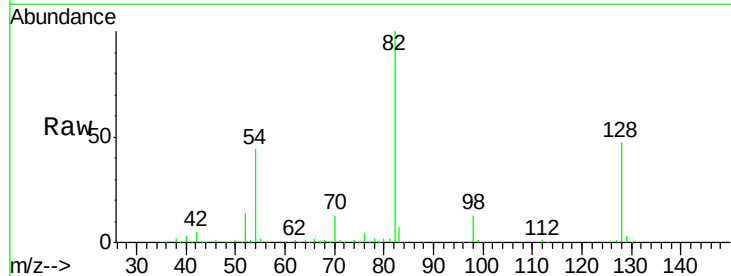
Tgt Ion: 82 Resp: 557042

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

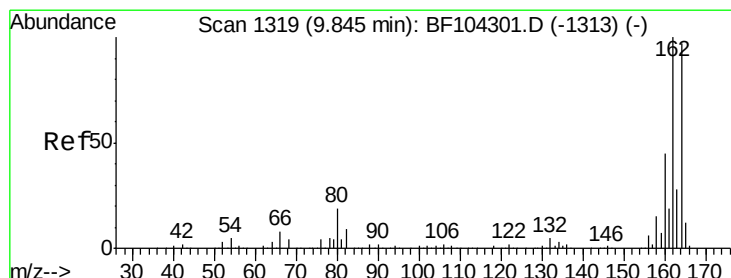
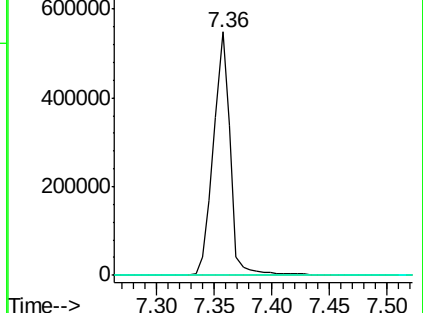
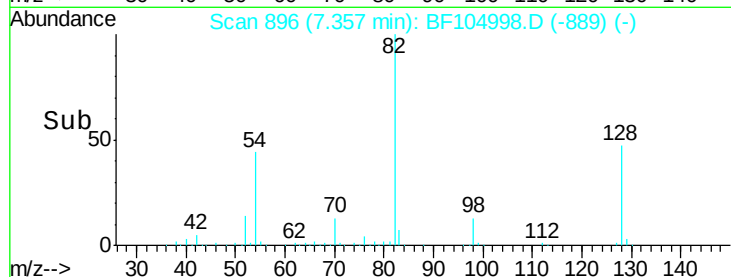
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF104998.D

Acq: 1 May 2018 21:39

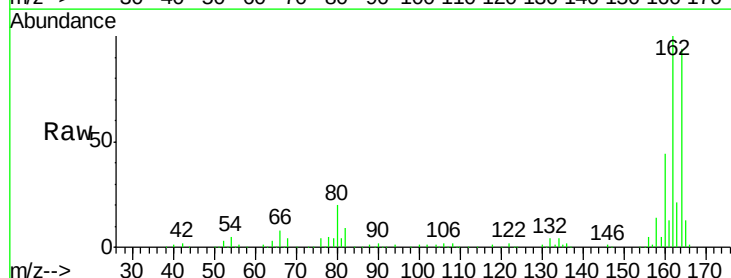
Tgt Ion: 164 Resp: 221940

Ion Ratio Lower Upper

164 100

162 106.0 86.1 129.1

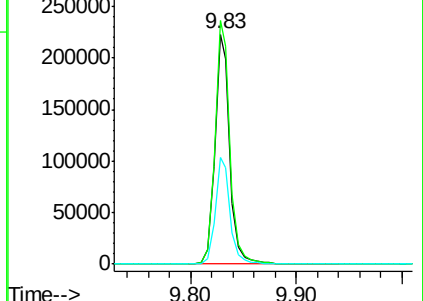
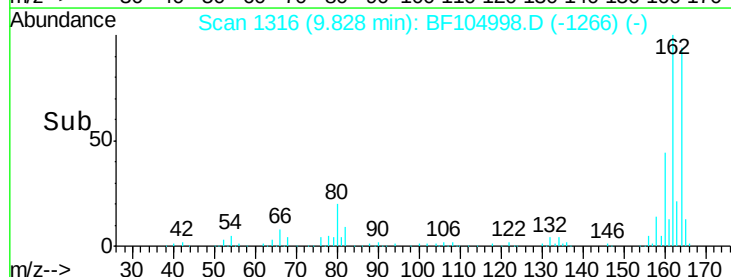
160 46.7 38.3 57.5

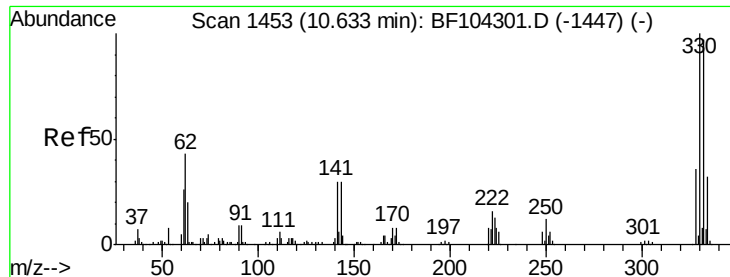


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

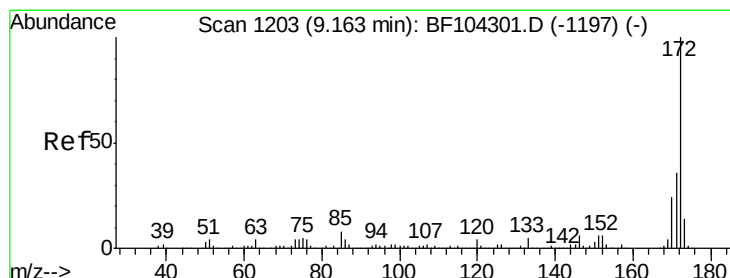
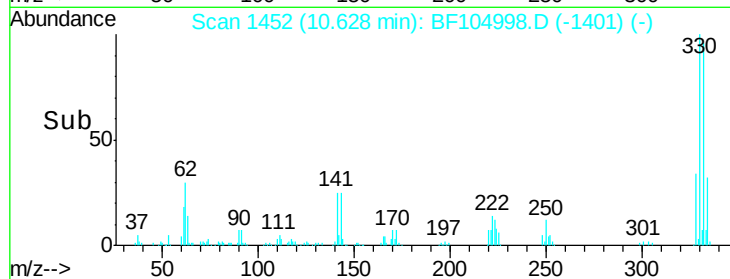
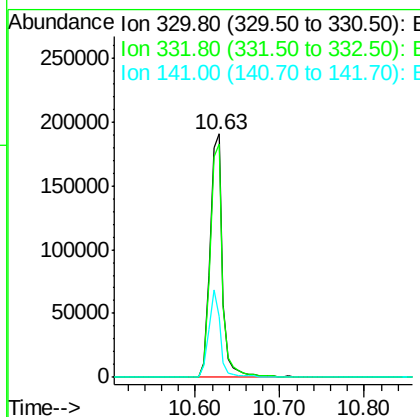
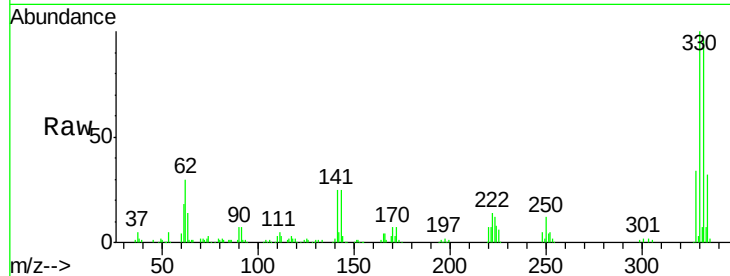




#41
 2,4,6-Tribromophenol
 Concen: 86.805 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF104998.D
 Acq: 1 May 2018 21:39

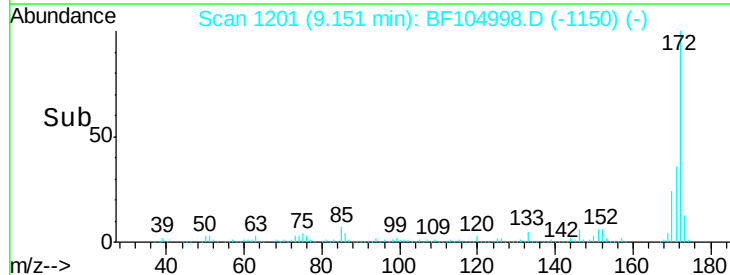
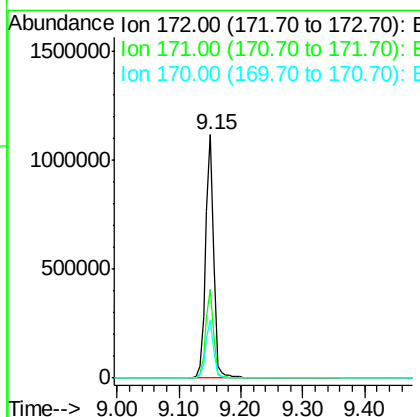
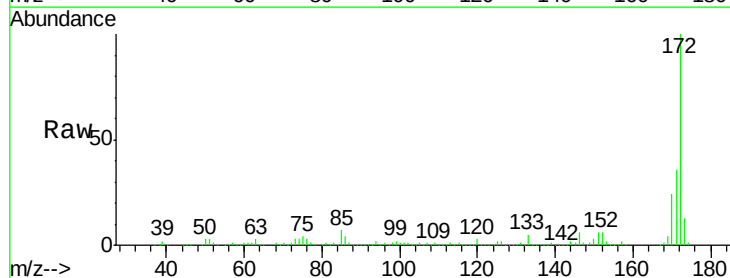
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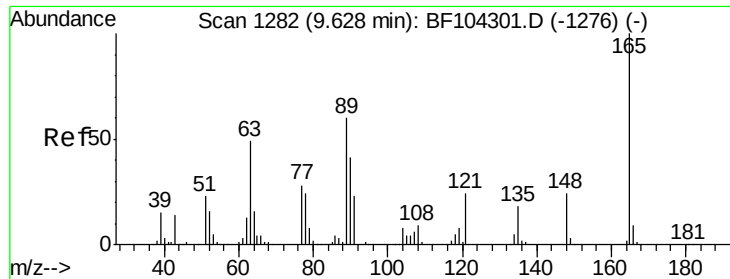
Tgt Ion:330 Resp: 199847
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 32.9 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 73.132 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF104998.D
 Acq: 1 May 2018 21:39

Tgt Ion:172 Resp: 1027436
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.9 19.6 29.4

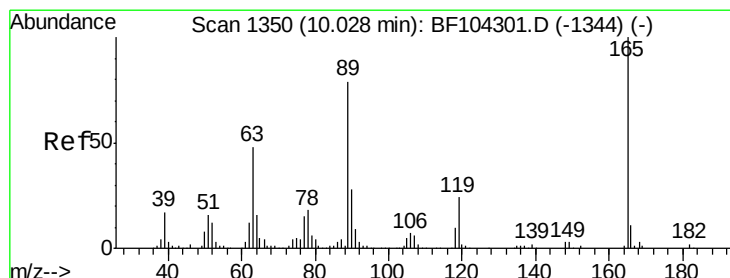
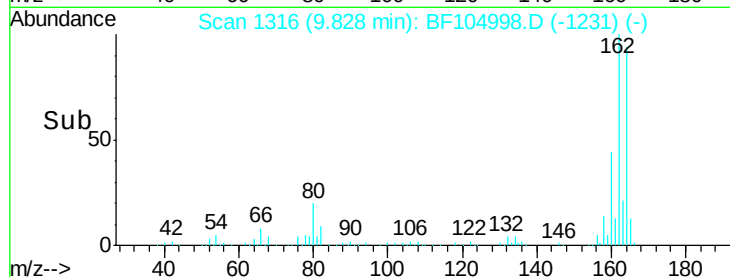
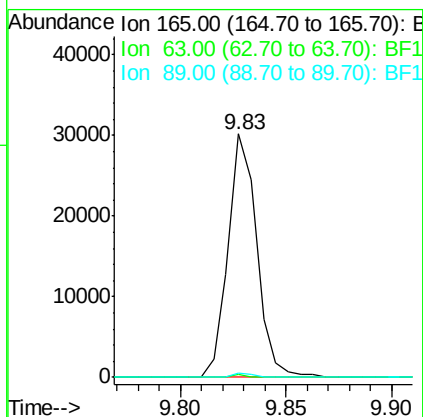
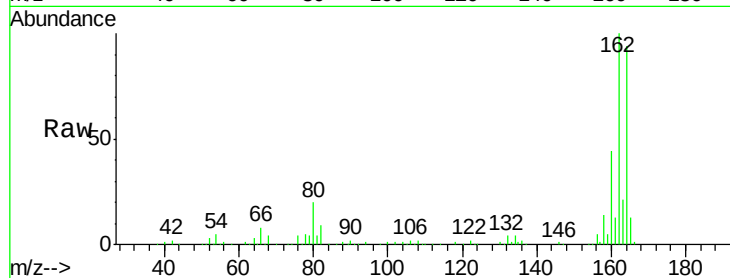




#50
 2,6-Dinitrotoluene
 Concen: 8.759 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.20 min
 Lab File: BF104998.D
 Acq: 1 May 2018 21:39

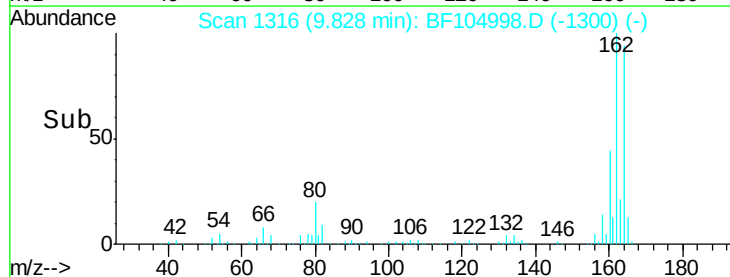
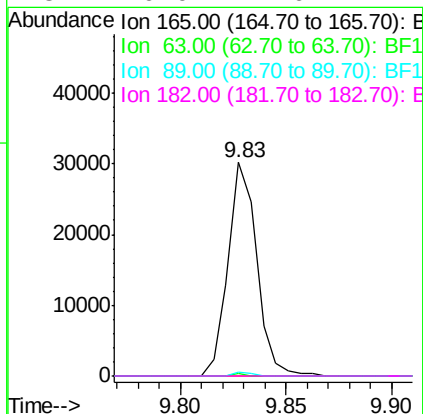
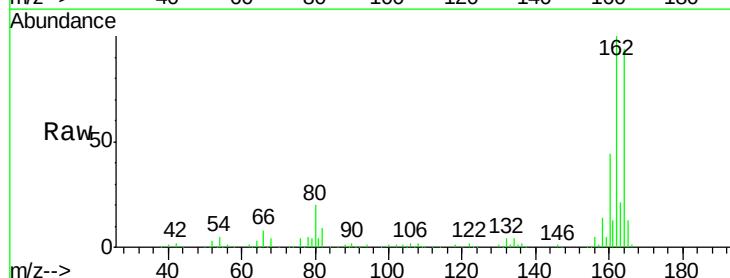
Instrument :
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 ClientSampleId :
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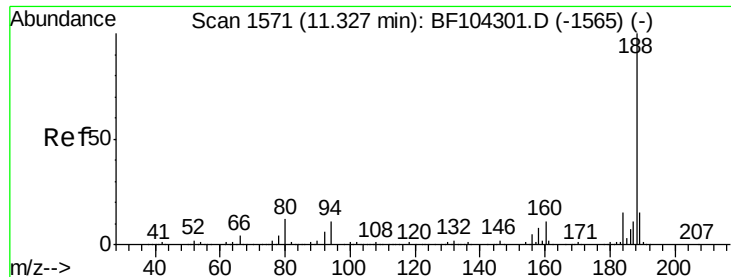
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.677 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF104998.D
 Acq: 1 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

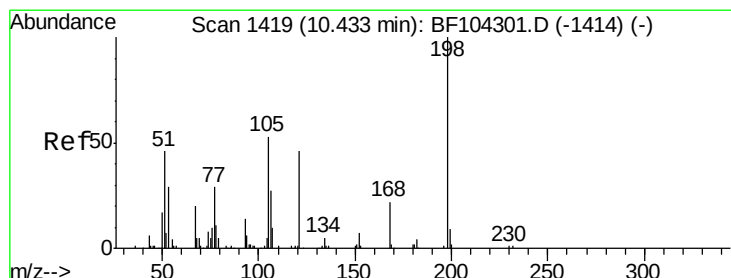
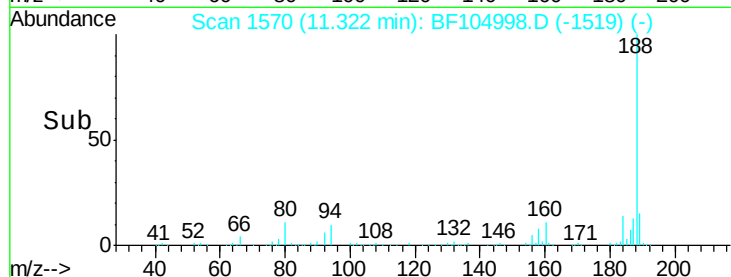
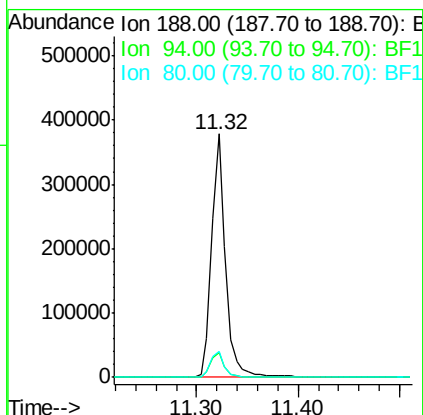
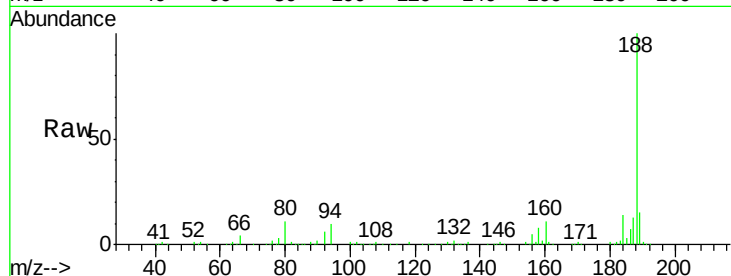




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF104998.D
Acq: 1 May 2018 21:39

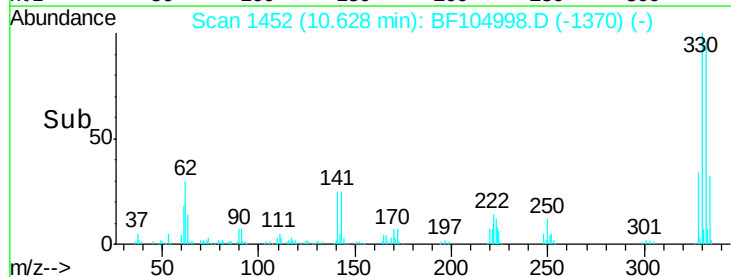
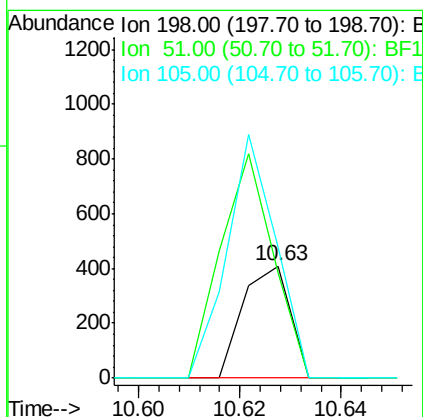
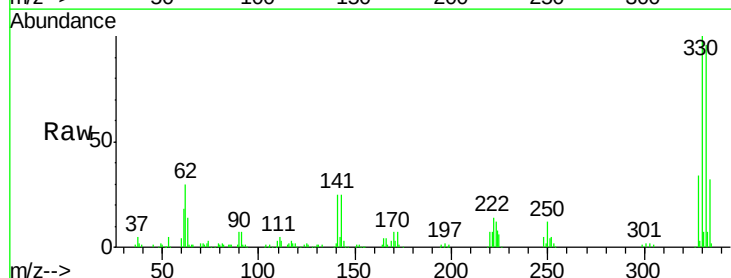
Instrument :
BNA_F
ClientSampleId :
PB108628BL

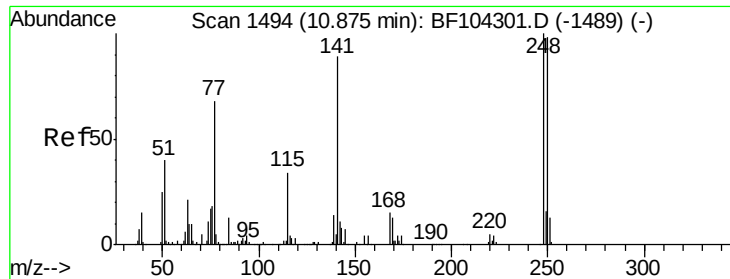
Tgt Ion:188 Resp: 361902
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.474 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.18 min
Lab File: BF104998.D
Acq: 1 May 2018 21:39

Tgt Ion:198 Resp: 264
Ion Ratio Lower Upper
198 100
51 94.1 37.7 77.7#
105 116.9 36.3 76.3#

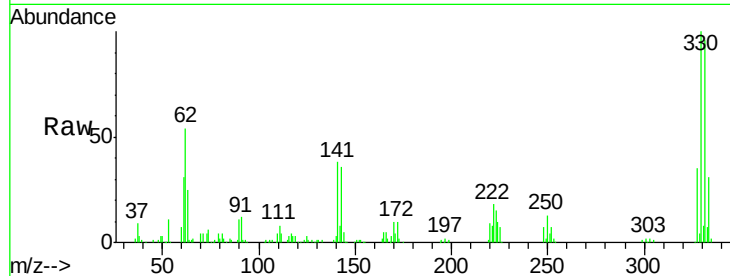




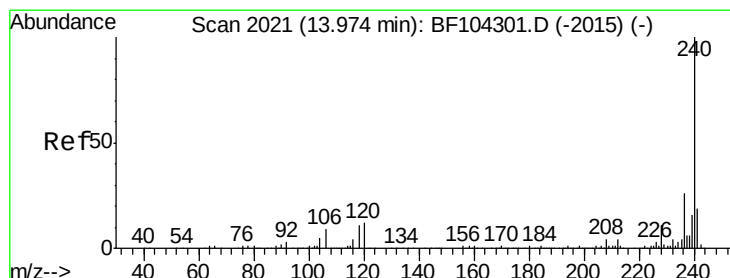
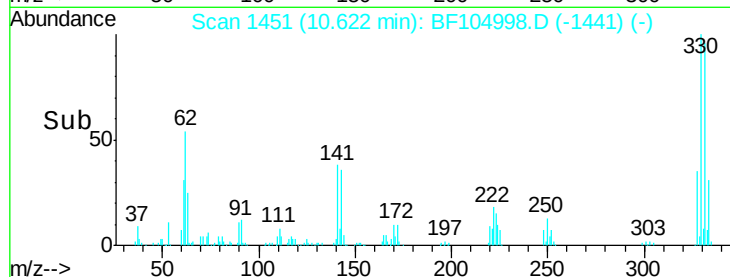
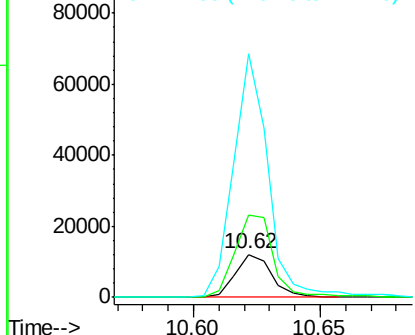
#66
 4-Bromophenyl-phenylether
 Concen: 3.108 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF104998.D
 Acq: 1 May 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 PB108628BL

Tgt Ion:248 Resp: 11965
 Ion Ratio Lower Upper
 248 100
 250 192.2 76.9 115.3#
 141 570.9 74.4 111.6#

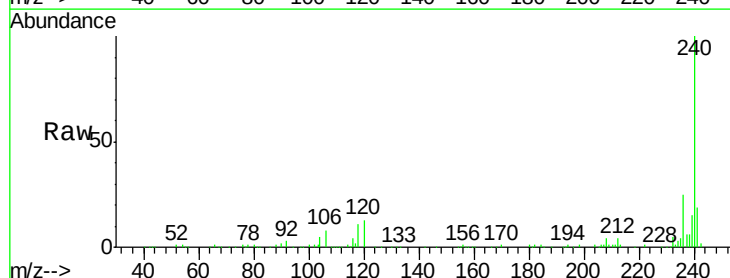


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

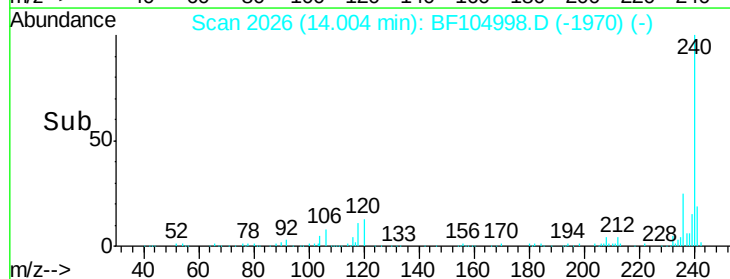
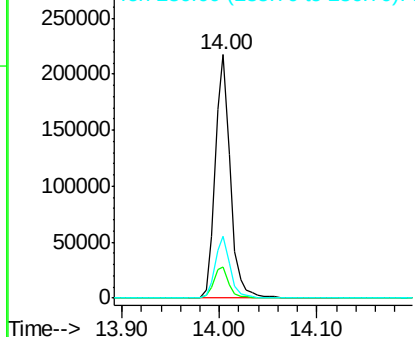


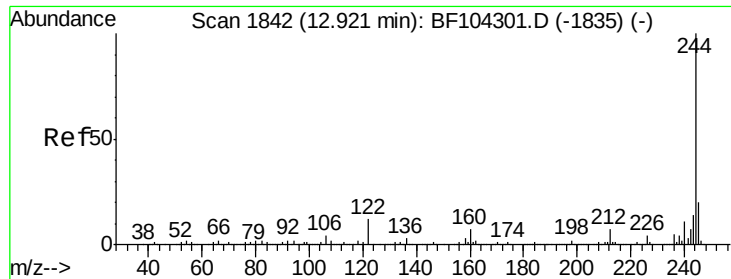
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.03 min
 Lab File: BF104998.D
 Acq: 1 May 2018 21:39

Tgt Ion:240 Resp: 232345
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.5 14.3
 236 25.4 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

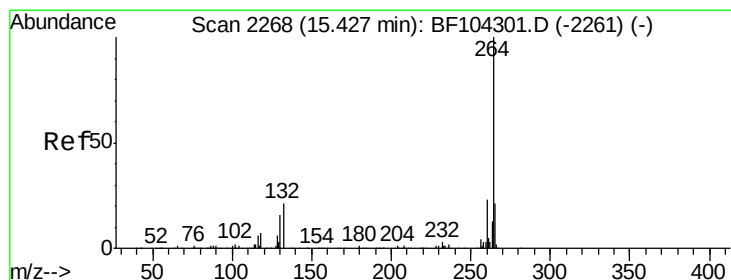
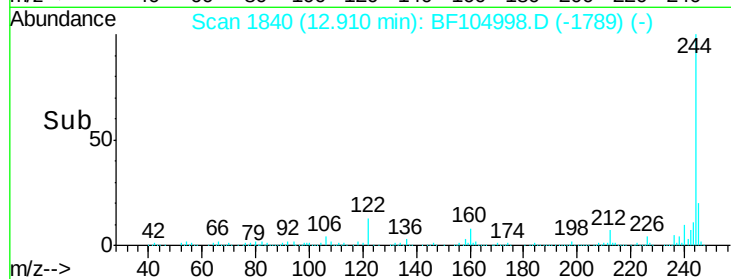
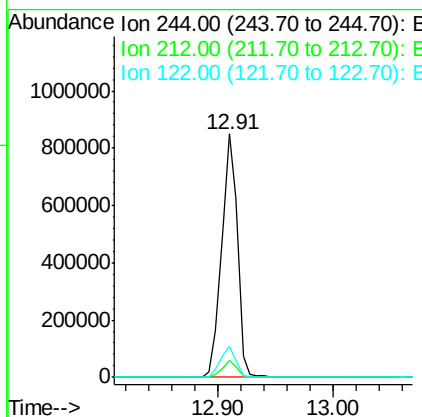
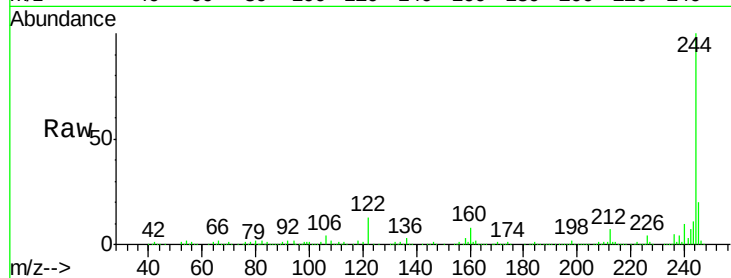




#78
 Terphenyl-d14
 Concen: 79.272 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF104998.D
 Acq: 1 May 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 PB108628BL

Tgt Ion: 244 Resp: 807887
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.11 min
 Lab File: BF104998.D
 Acq: 1 May 2018 21:39

Tgt Ion: 264 Resp: 205591
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.2 17.5 26.3

