

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105015.D
 Acq On : 2 May 2018 6:53
 Operator : JU/SJ
 Sample : J2645-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042718-JETB-E-U-M

Quant Time: May 02 08:12:50 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

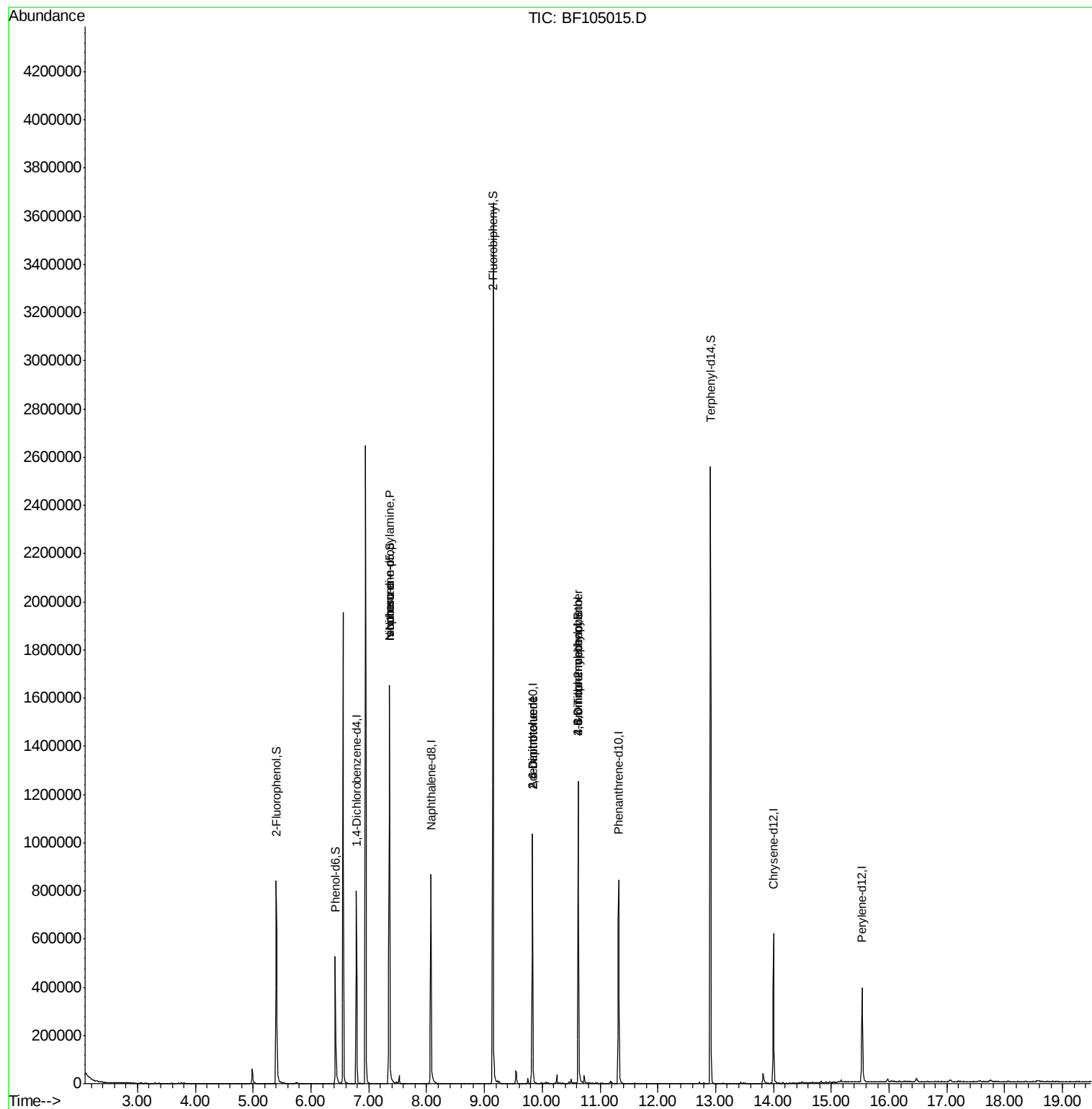
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111793	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	472219	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	210133	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	335760	20.00	ng	0.00
75) Chrysene-d12	14.00	240	233610	20.00	ng	0.02
86) Perylene-d12	15.53	264	203489	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	284183	38.87	ng	0.00
7) Phenol-d6	6.42	99	211246	23.52	ng	-0.01
23) Nitrobenzene-d5	7.36	82	681407	94.22	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	167690	76.93	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1190456	89.50	ng	0.00
78) Terphenyl-d14	12.91	244	924492	90.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	88528	15.081	ng	# 72
25) Isophorone	7.36	82	681401	44.558	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	26445	8.625	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	26445	6.575	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	275	7.489	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	10525	2.947	ng	# 1
76) Benizidine	12.91	184	11807	Below Cal		# 97

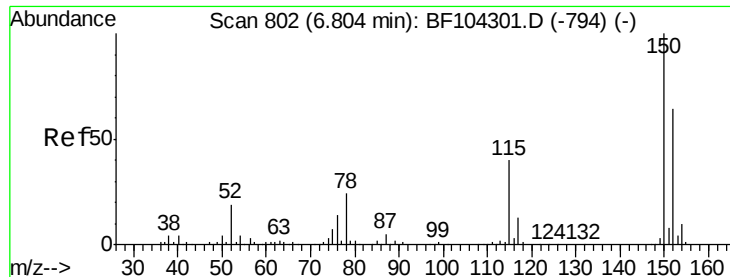
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF105015.D

Acq: 2 May 2018 6:53

Instrument :

BNA_F

ClientSampleId :

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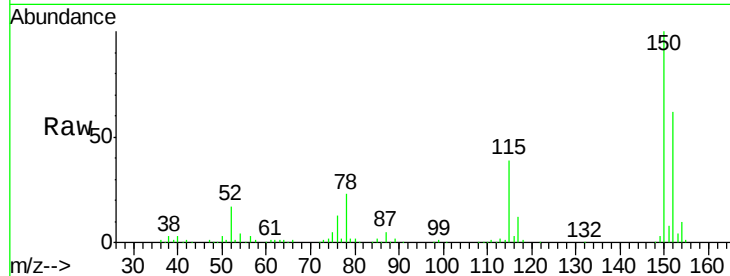
Tgt Ion:152 Resp: 111793

Ion Ratio Lower Upper

152 100

150 161.0 124.6 186.8

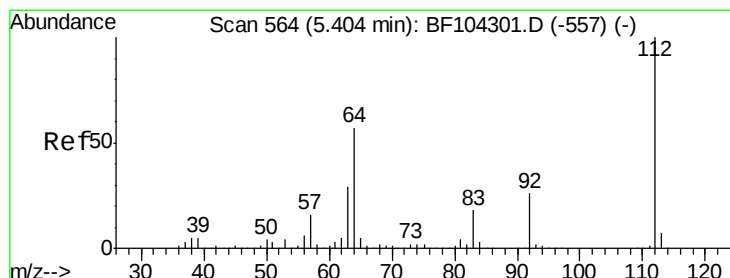
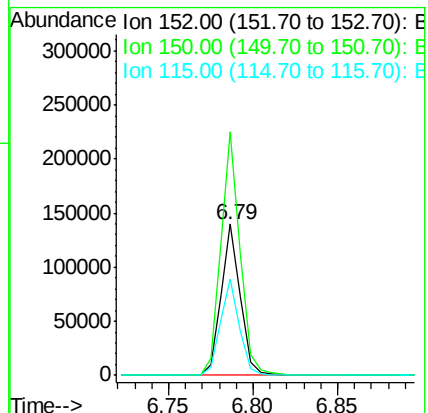
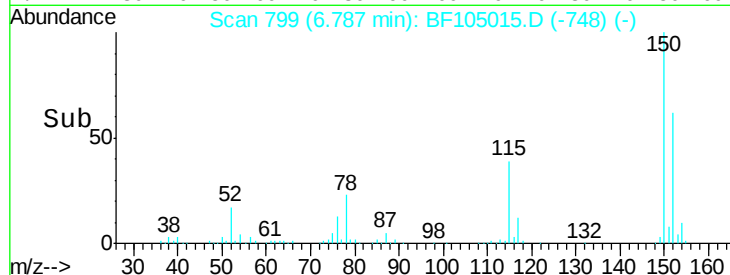
115 63.5 50.1 75.1



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



#5

2-Fluorophenol

Concen: 38.869 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF105015.D

Acq: 2 May 2018 6:53

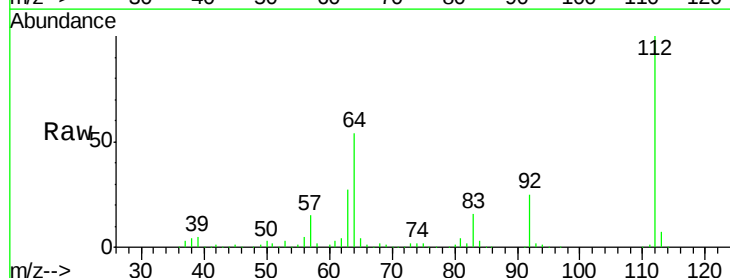
Tgt Ion:112 Resp: 284183

Ion Ratio Lower Upper

112 100

64 54.2 47.9 71.9

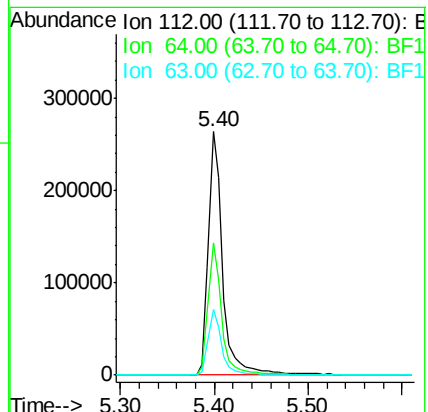
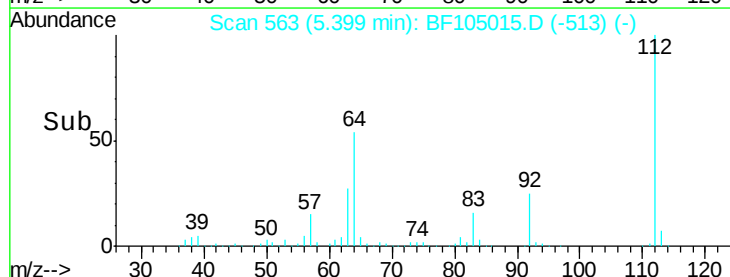
63 26.9 23.7 35.5

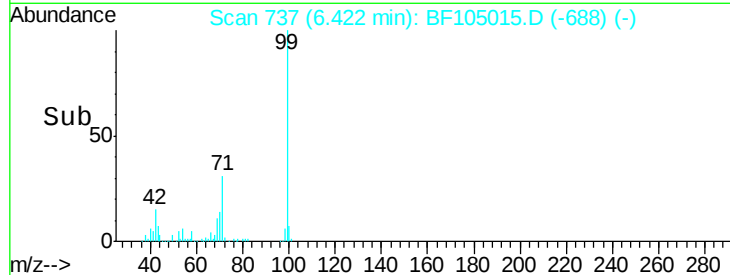
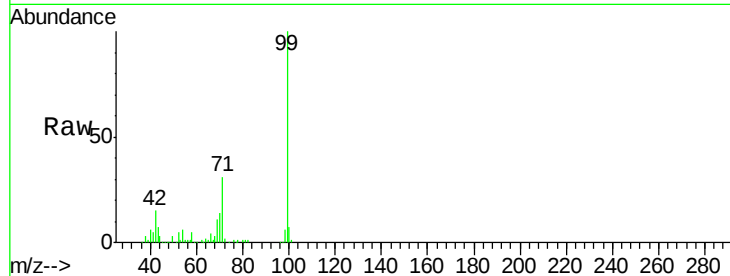


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 23.516 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105015.D

Acq: 2 May 2018 6:53

Instrument :

BNA_F

ClientSampleId :

042718-JETB-E-U-M

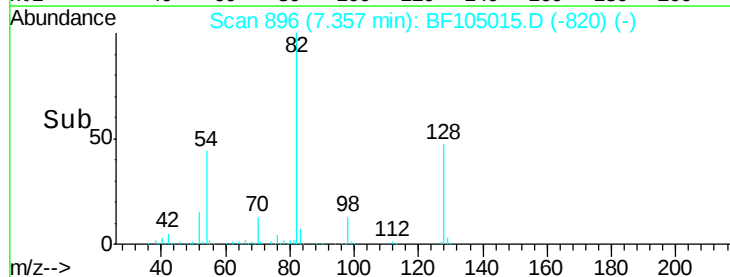
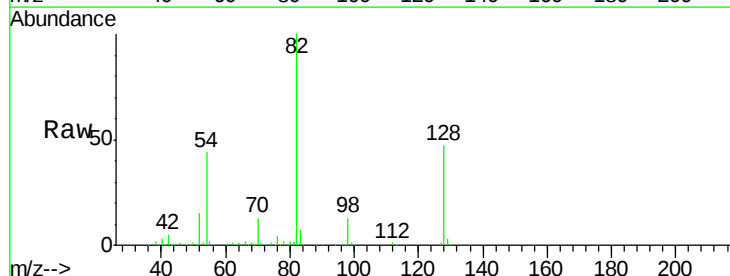
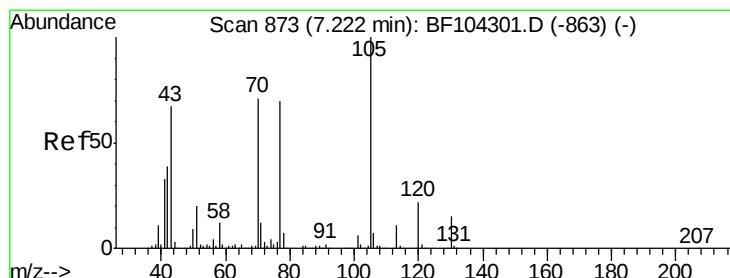
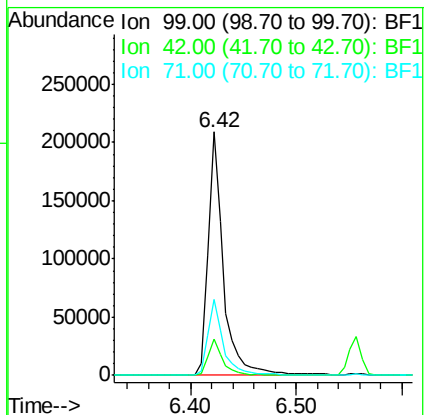
Tgt Ion: 99 Resp: 211246

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

71 31.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.081 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF105015.D

Acq: 2 May 2018 6:53

Tgt Ion: 70 Resp: 88528

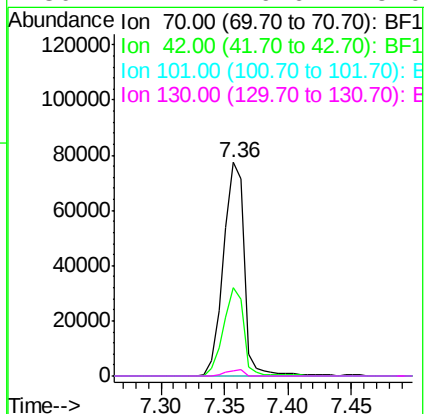
Ion Ratio Lower Upper

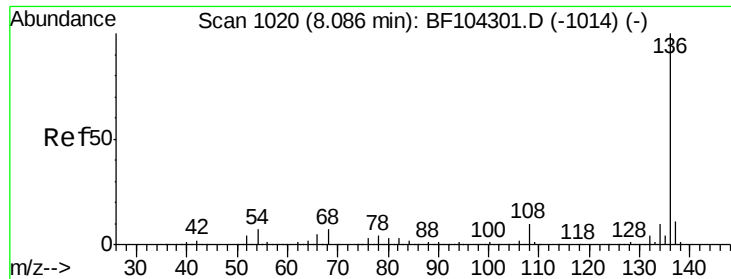
70 100

42 41.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

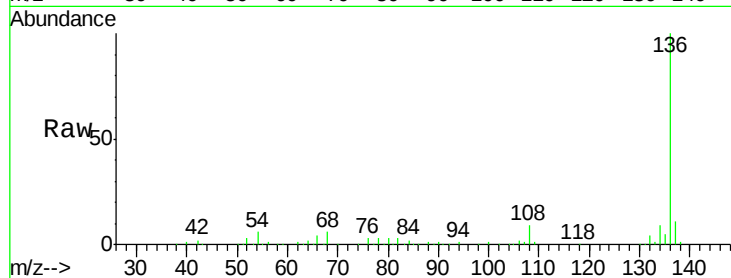




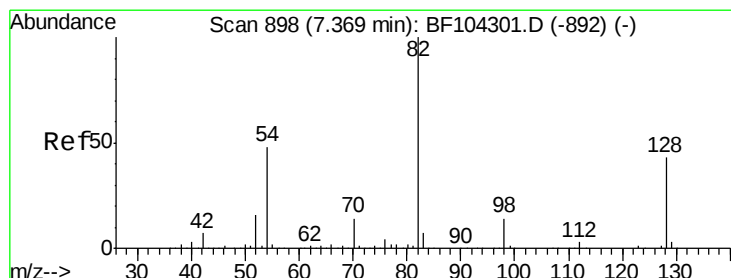
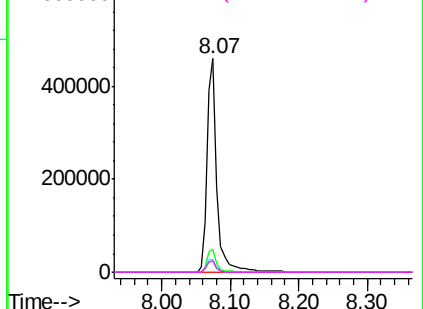
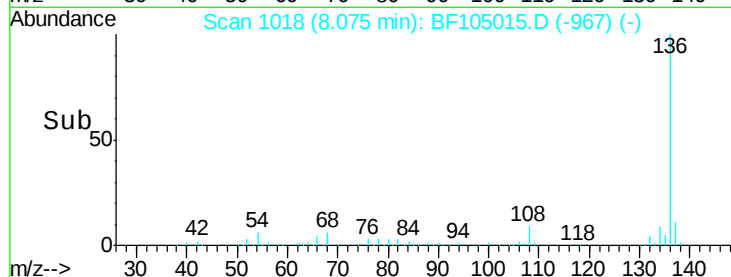
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF105015.D
Acq: 2 May 2018 6:53

Instrument :
BNA_F
ClientSampleId :
042718-JETB-E-U-M

Tgt Ion:	136	Resp:	472219
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	5.7	6.6	9.8#
68	5.5	5.0	7.4

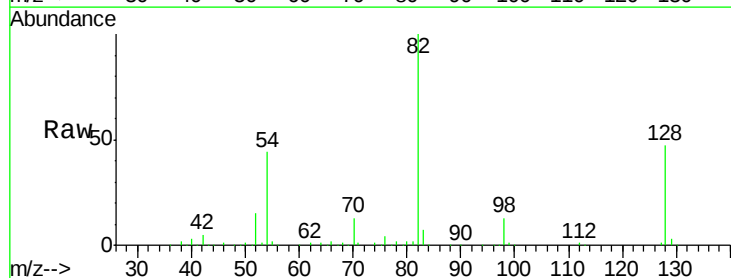


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

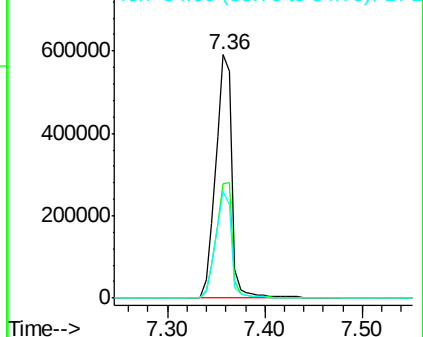
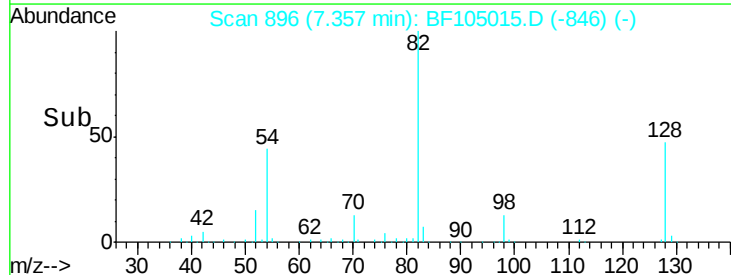


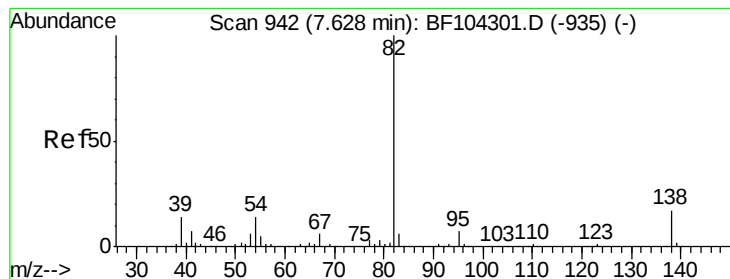
#23
Nitrobenzene-d5
Concen: 94.224 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105015.D
Acq: 2 May 2018 6:53

Tgt Ion:	82	Resp:	681407
Ion Ratio	Lower	Upper	
82	100		
128	47.0	36.1	54.1
54	44.0	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.558 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105015.D

Acq: 2 May 2018 6:53

Instrument :

BNA_F

ClientSampleId :

042718-JETB-E-U-M

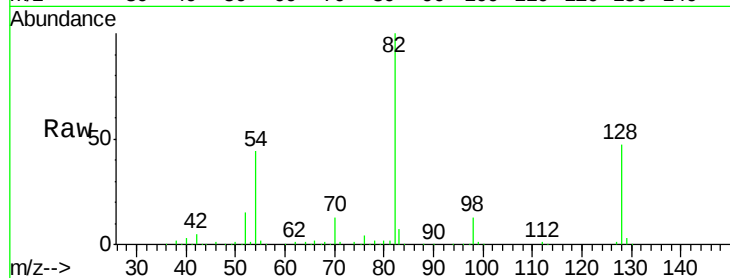
Tgt Ion: 82 Resp: 681401

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

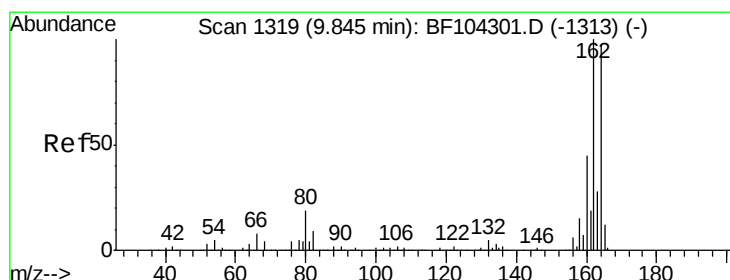
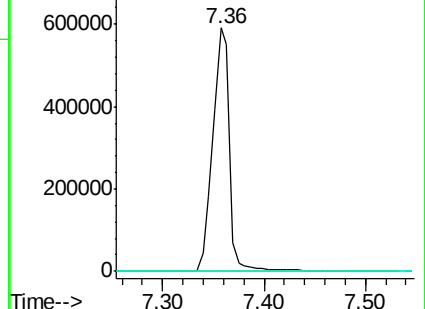
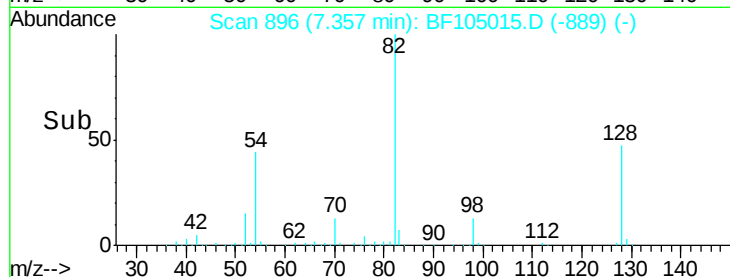
138 0.0 14.9 22.3#



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: BF105015.D

Acq: 2 May 2018 6:53

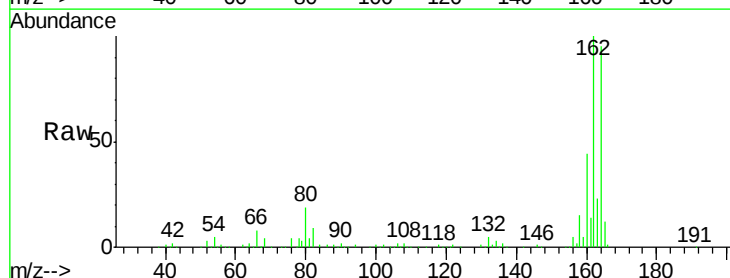
Tgt Ion: 164 Resp: 210133

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

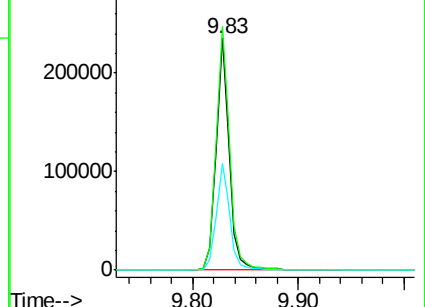
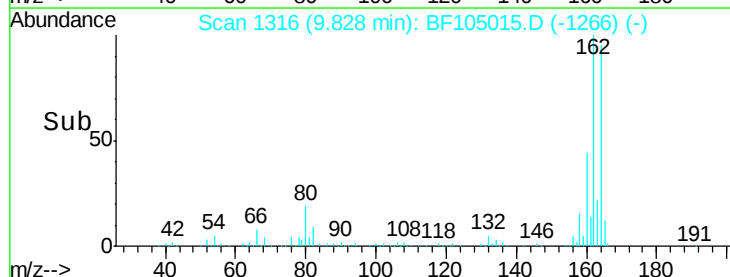
160 45.8 38.3 57.5

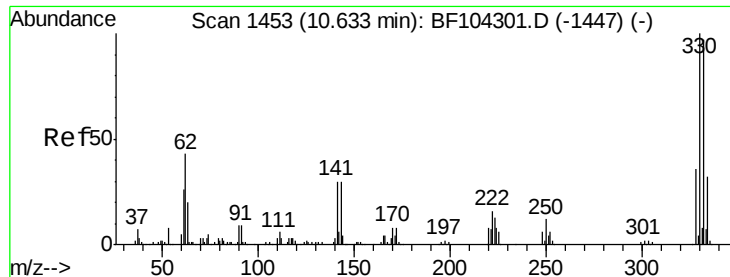


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

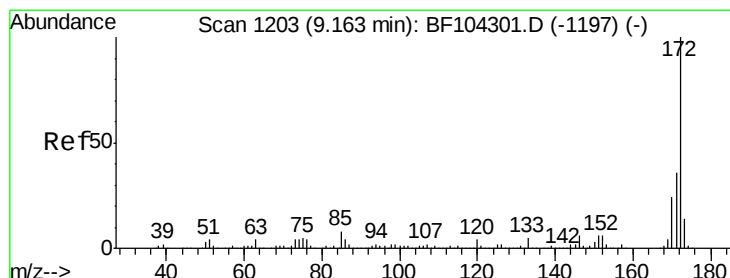
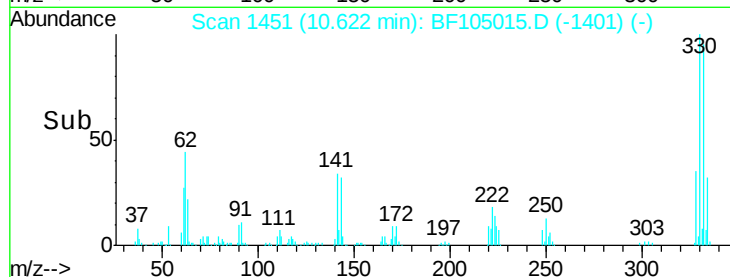
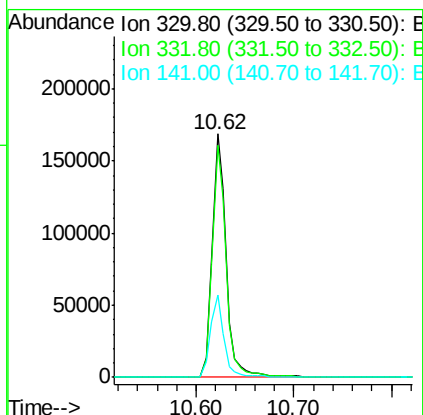
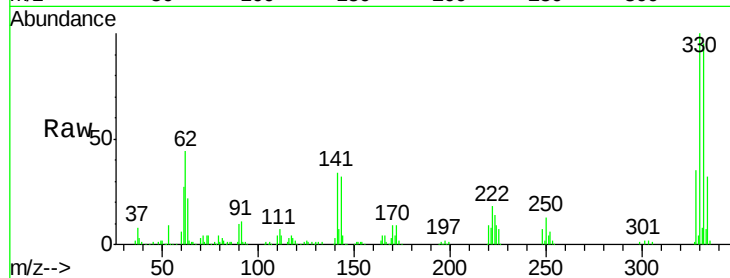




#41
 2,4,6-Tribromophenol
 Concen: 76.930 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105015.D
 Acq: 2 May 2018 6:53

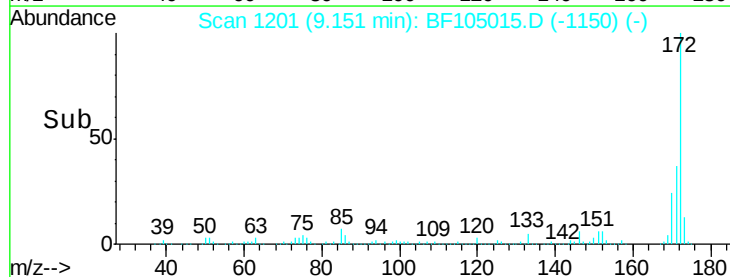
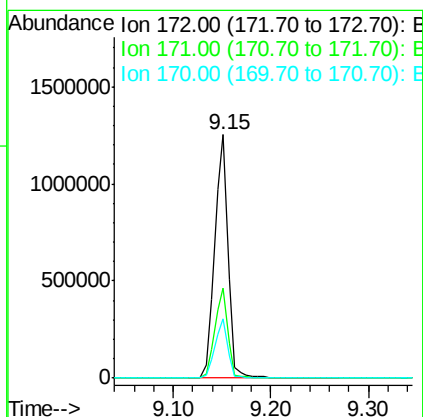
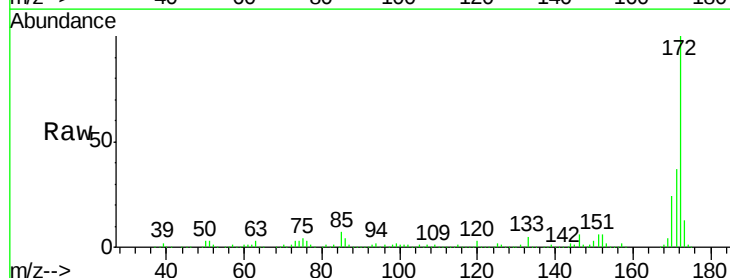
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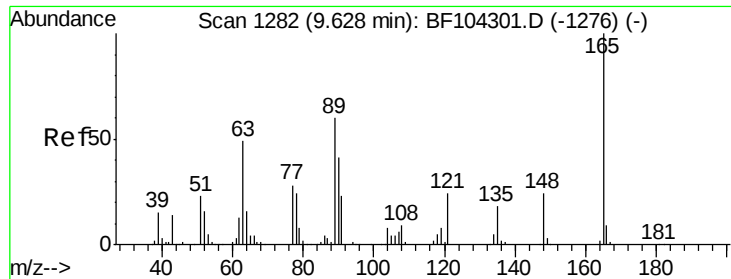
Tgt Ion:330 Resp: 167690
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 32.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 89.497 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF105015.D
 Acq: 2 May 2018 6:53

Tgt Ion:172 Resp: 1190456
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.1 19.6 29.4

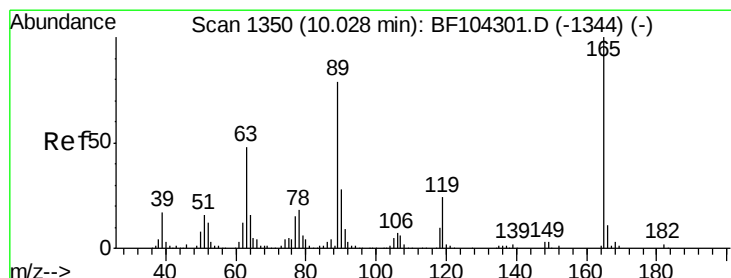
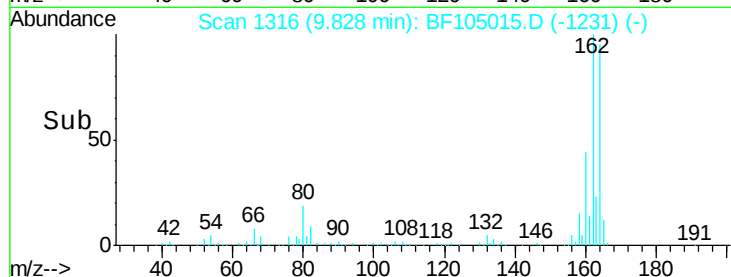
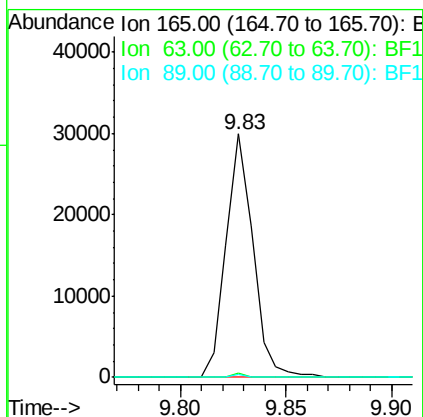
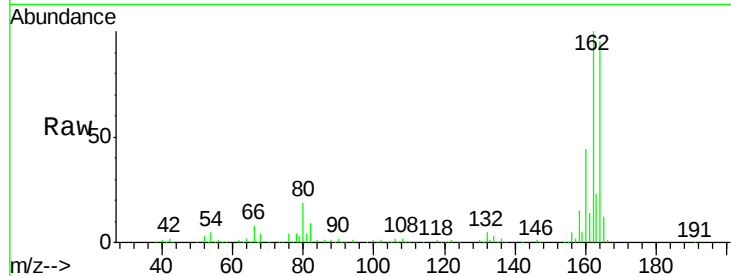




#50
 2,6-Dinitrotoluene
 Concen: 8.625 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.20 min
 Lab File: BF105015.D
 Acq: 2 May 2018 6:53

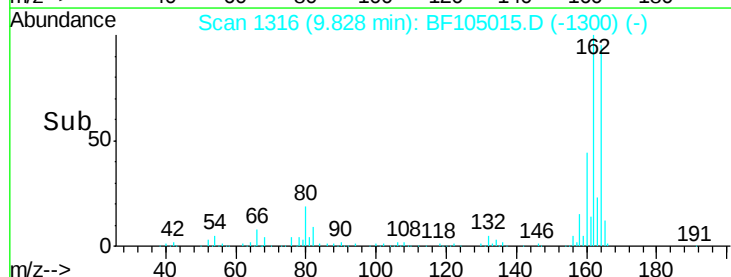
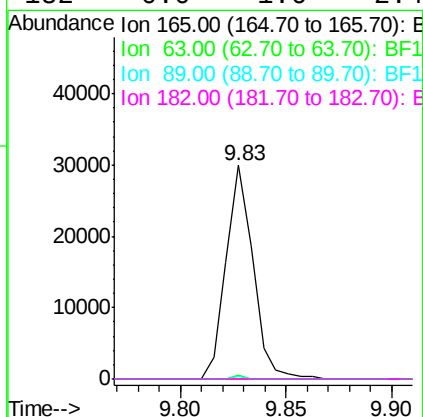
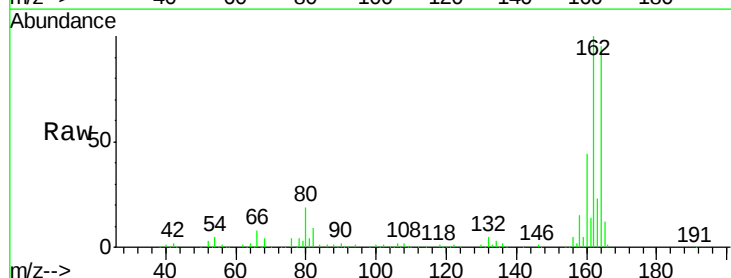
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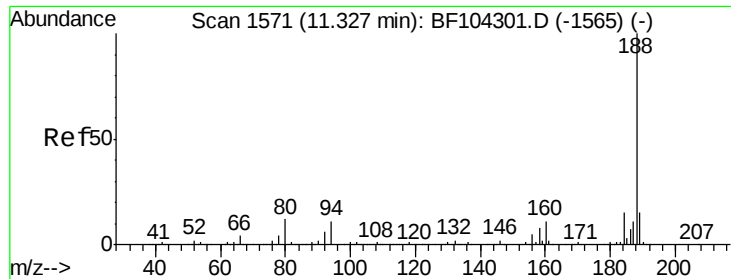
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.1	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.575 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105015.D
 Acq: 2 May 2018 6:53

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

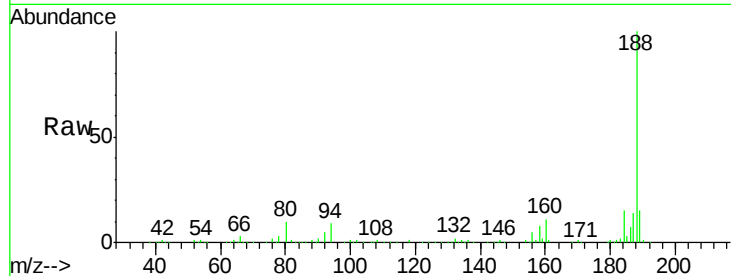




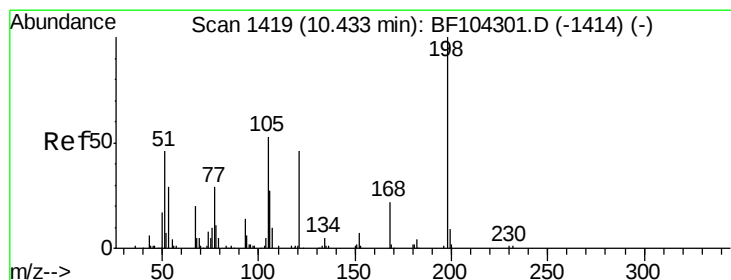
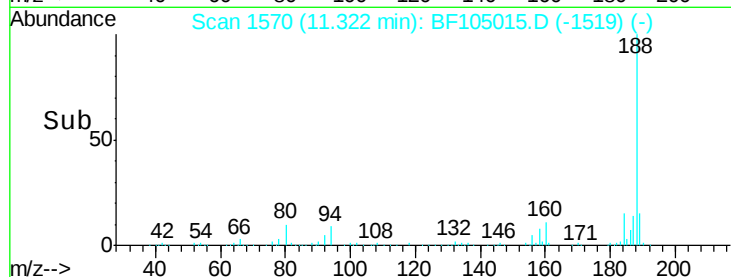
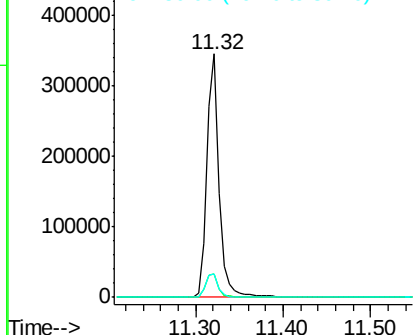
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF105015.D
Acq: 2 May 2018 6:53

Instrument :
BNA_F
ClientSampleId :
042718-JETB-E-U-M

Tgt Ion:188 Resp: 335760
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.5 9.2 13.8

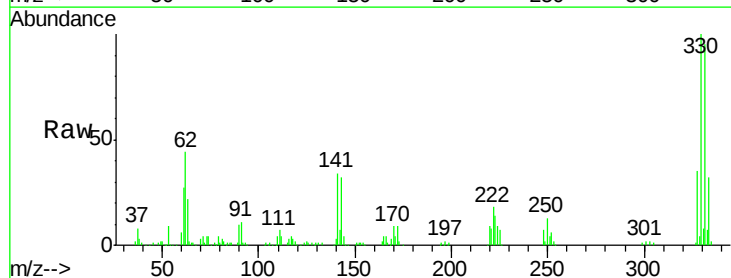


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

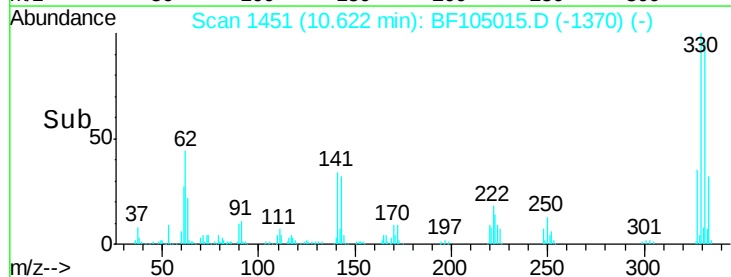
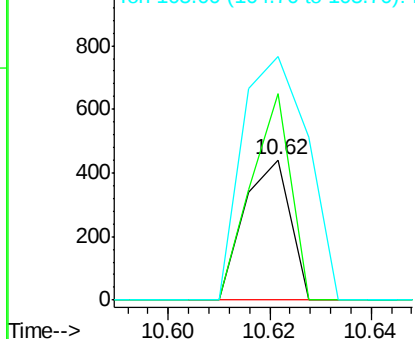


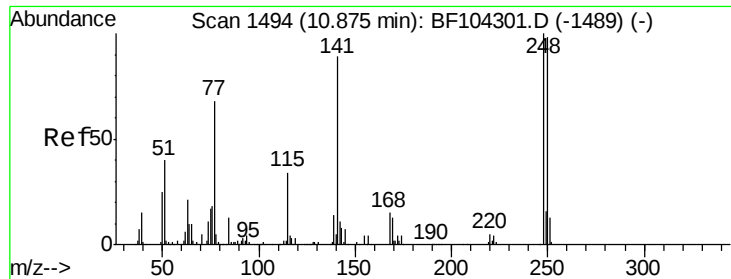
#64
4,6-Dinitro-2-methylphenol
Concen: 7.489 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.18 min
Lab File: BF105015.D
Acq: 2 May 2018 6:53

Tgt Ion:198 Resp: 275
Ion Ratio Lower Upper
198 100
51 146.9 37.7 77.7#
105 173.7 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

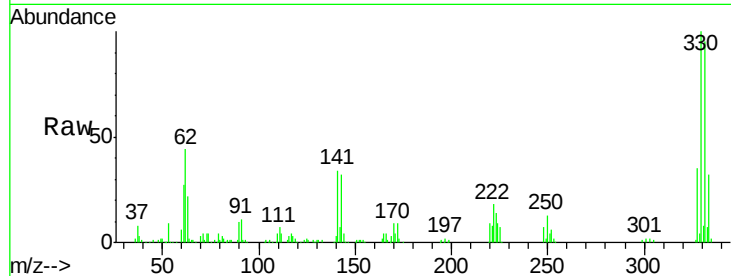




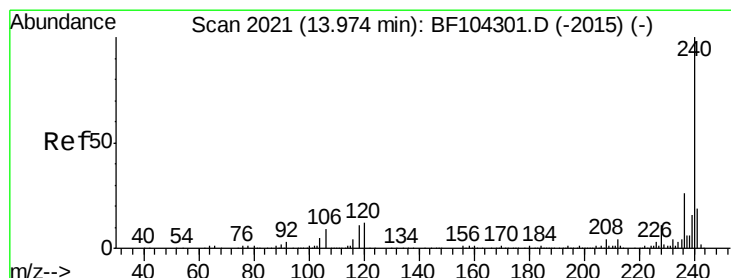
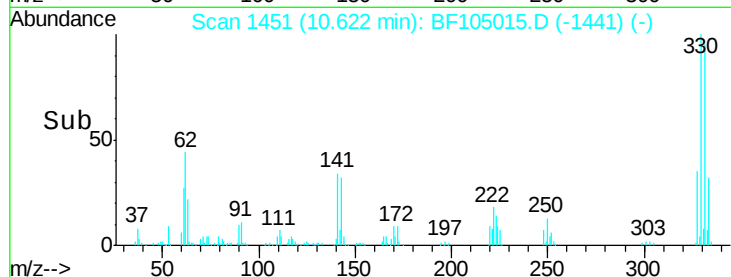
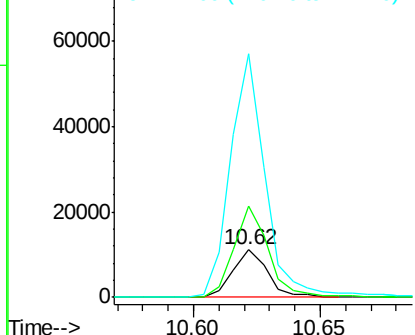
#66
 4-Bromophenyl-phenylether
 Concen: 2.947 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF105015.D
 Acq: 2 May 2018 6:53

Instrument :
 BNA_F
 ClientSampleId :
 042718-JETB-E-U-M

Tgt Ion:248 Resp: 10525
 Ion Ratio Lower Upper
 248 100
 250 192.2 76.9 115.3#
 141 512.9 74.4 111.6#

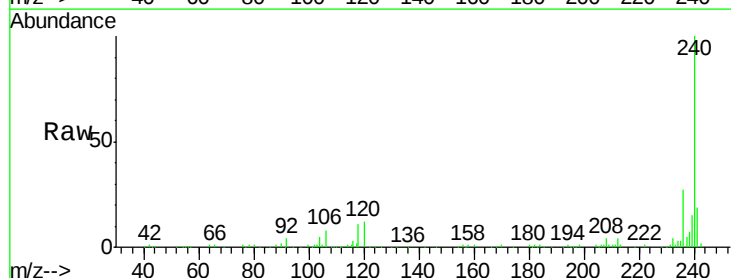


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

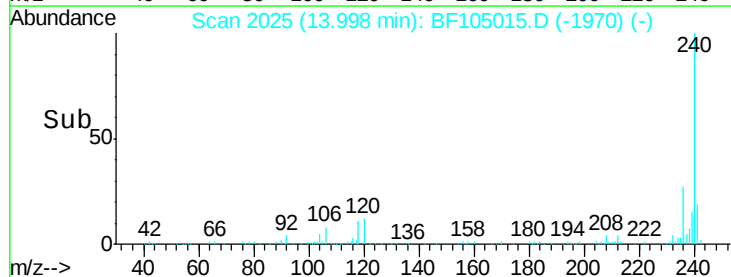
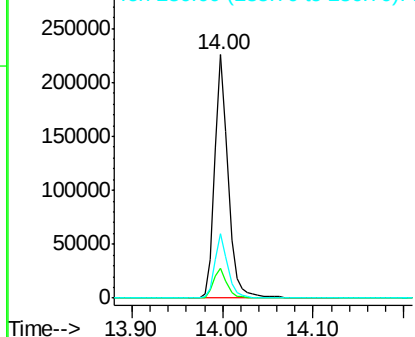


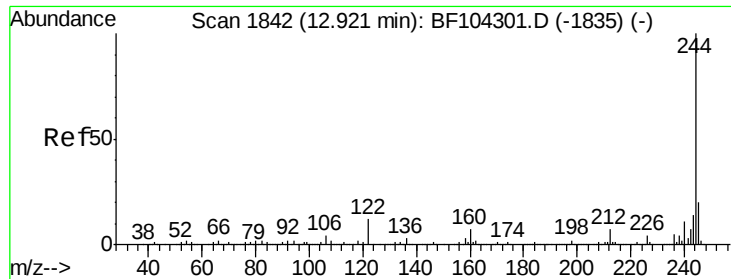
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.02 min
 Lab File: BF105015.D
 Acq: 2 May 2018 6:53

Tgt Ion:240 Resp: 233610
 Ion Ratio Lower Upper
 240 100
 120 12.1 9.5 14.3
 236 26.7 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: 90.222 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF105015.D

Acq: 2 May 2018 6:53

Instrument :

BNA_F

ClientSampleId :

042718-JETB-E-U-M

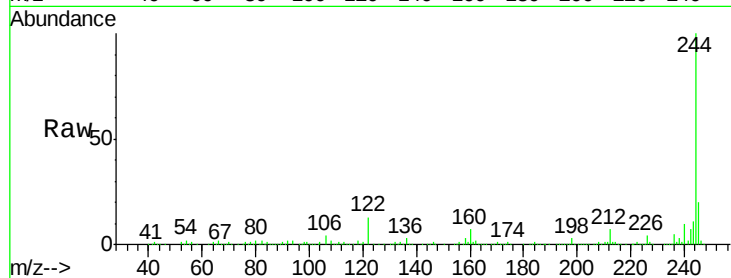
Tgt Ion:244 Resp: 924492

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

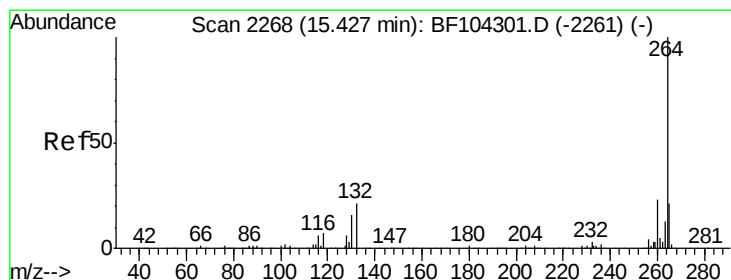
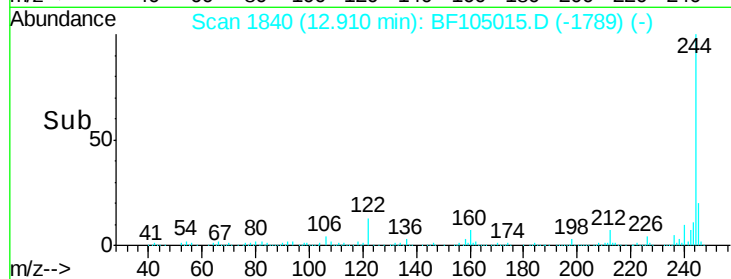
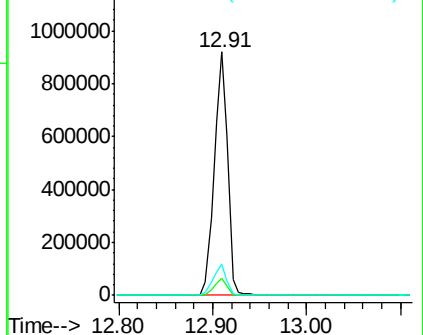
122 13.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.10 min

Lab File: BF105015.D

Acq: 2 May 2018 6:53

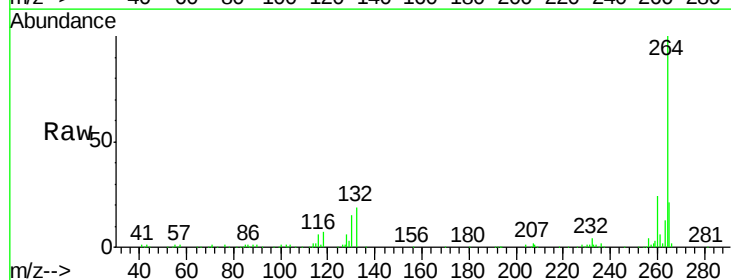
Tgt Ion:264 Resp: 203489

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.0 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

