

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103016.D
 Acq On : 15 Feb 2018 14:31
 Operator : SJ/JU
 Sample : PB106541BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106541BL

Quant Time: Feb 15 16:56:15 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	160320	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	679730	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	310256	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	559888	20.00	ng	0.00
75) Chrysene-d12	14.04	240	467278	20.00	ng	-0.01
86) Perylene-d12	15.52	264	391048	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1265365	119.86	ng	0.01
7) Phenol-d6	6.51	99	1500817	118.07	ng	0.00
23) Nitrobenzene-d5	7.44	82	976180	99.63	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	329793	132.07	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1580468	84.53	ng	0.00
78) Terphenyl-d14	12.99	244	1571222	79.62	ng	0.00

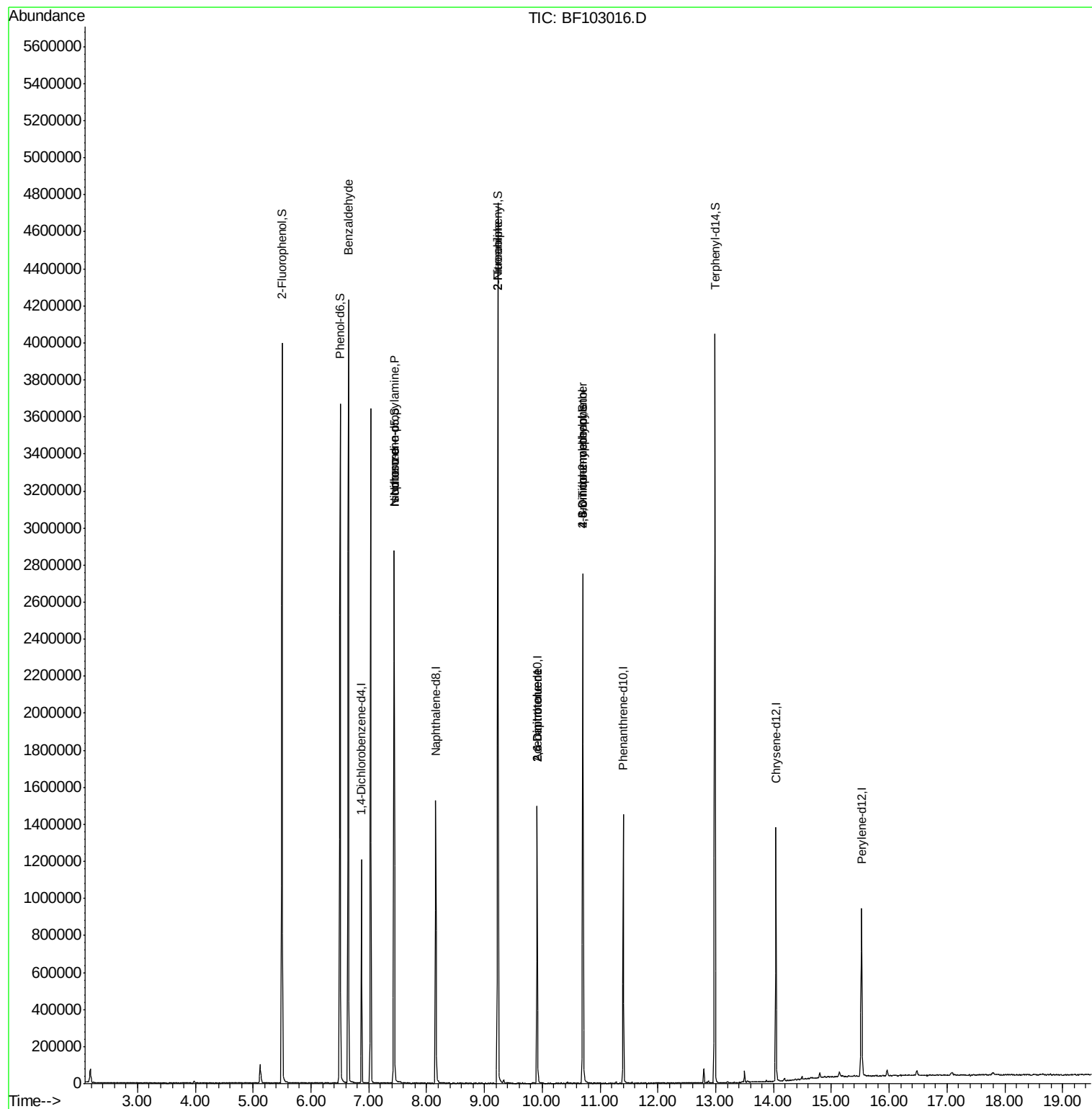
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.65	77	26519	2.809	ng	83
19) n-Nitroso-di-n-propylamine	7.44	70	129677	15.473	ng	# 82
25) Isophorone	7.44	82	976173	43.265	ng	# 64
47) 2-Nitroaniline	9.23	65	3027	3.915	ng	# 8
50) 2,6-Dinitrotoluene	9.91	165	39251	8.528	ng	# 25
56) 2,4-Dinitrotoluene	9.91	165	39251	9.027	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	598	9.030	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	21176	3.575	ng	# 1

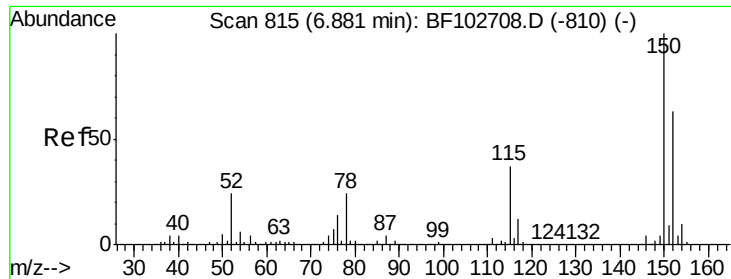
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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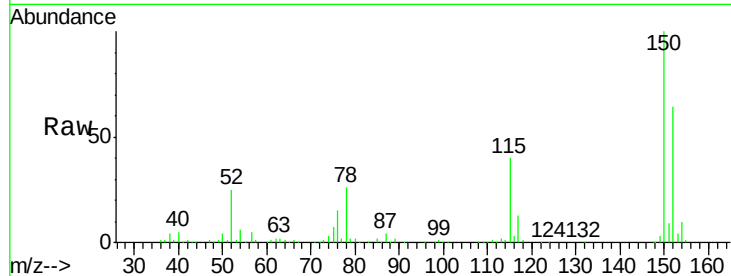




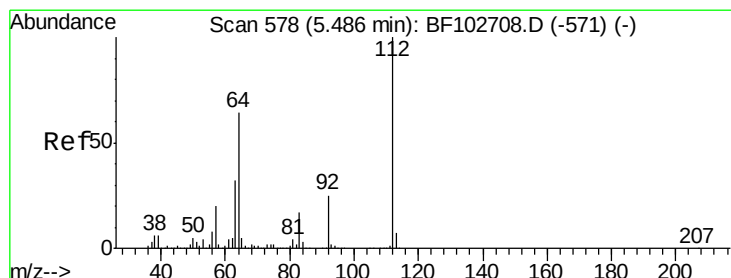
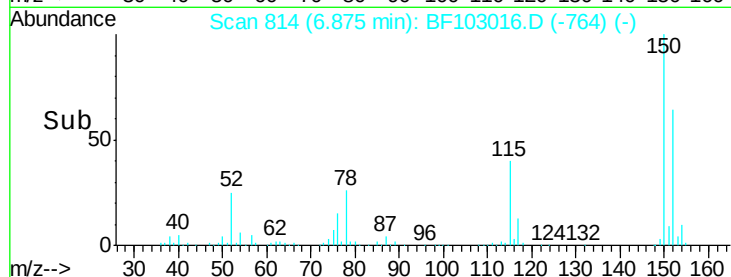
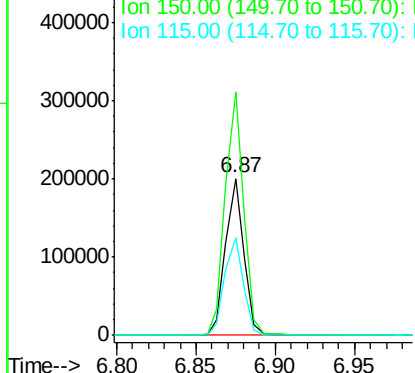
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF103016.D
 Acq: 15 Feb 2018 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB106541BL

Tgt Ion:152 Resp: 160320
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 62.1 50.1 75.1

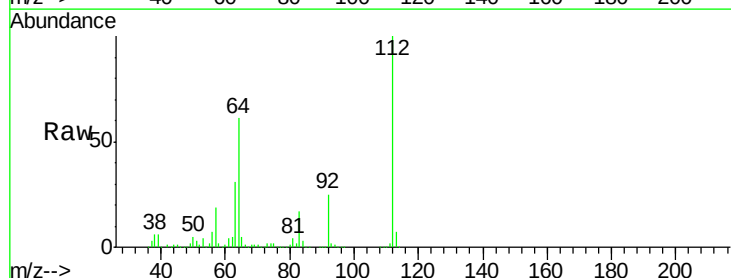


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

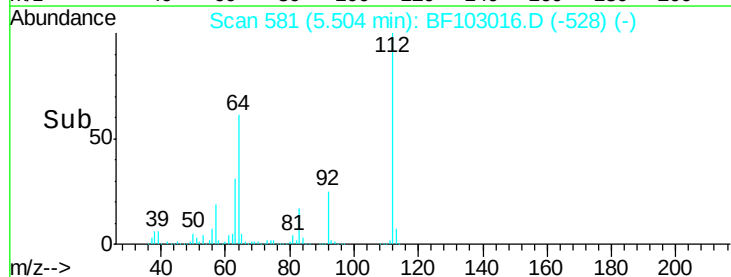
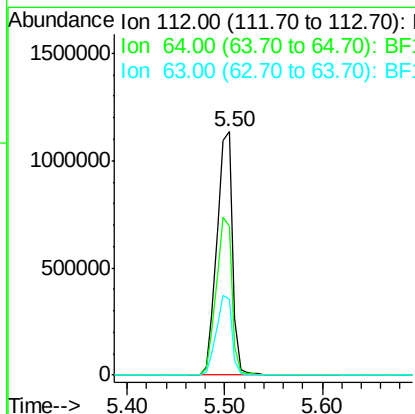


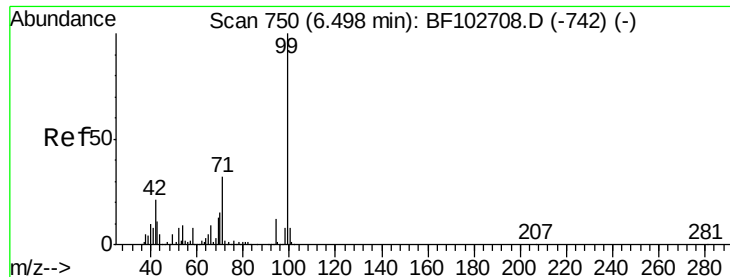
#5
 2-Fluorophenol
 Concen: 119.865 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF103016.D
 Acq: 15 Feb 2018 14:31

Tgt Ion:112 Resp: 1265365
 Ion Ratio Lower Upper
 112 100
 64 61.4 47.9 71.9
 63 31.4 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: 118.073 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103016.D

Acq: 15 Feb 2018 14:31

Instrument :

BNA_F

ClientSampleId :

PB106541BL

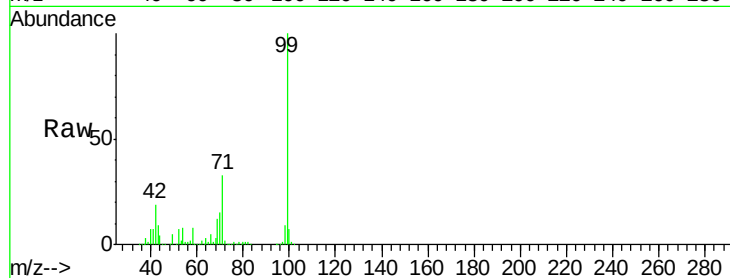
Tgt Ion: 99 Resp: 1500817

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

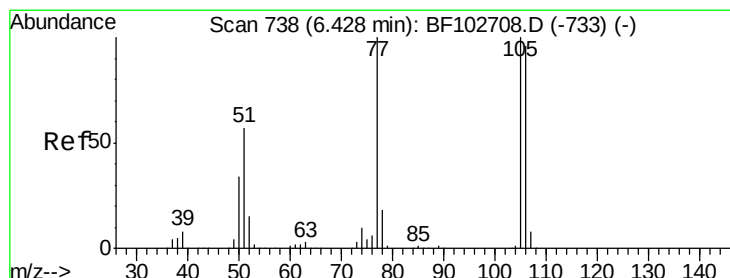
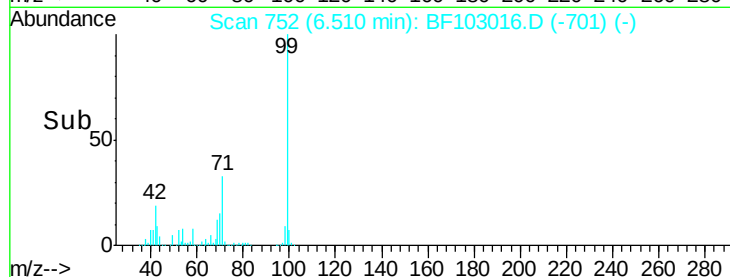
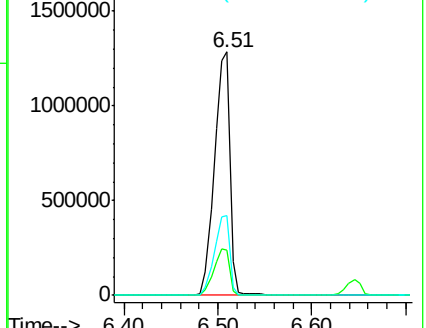
71 32.6 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.809 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.21 min

Lab File: BF103016.D

Acq: 15 Feb 2018 14:31

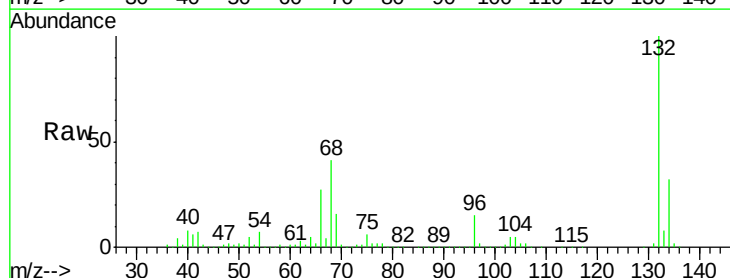
Tgt Ion: 77 Resp: 26519

Ion Ratio Lower Upper

77 100

105 83.5 81.1 121.1

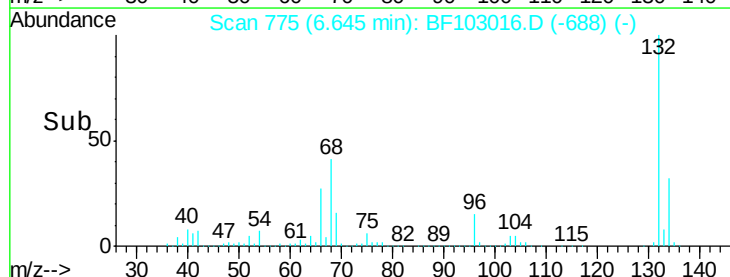
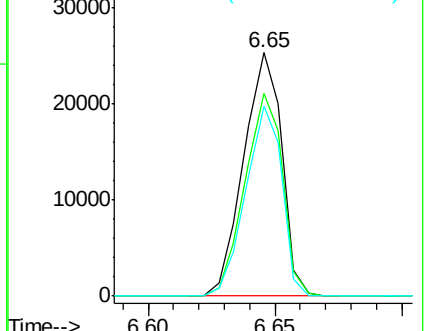
106 78.0 74.5 114.5

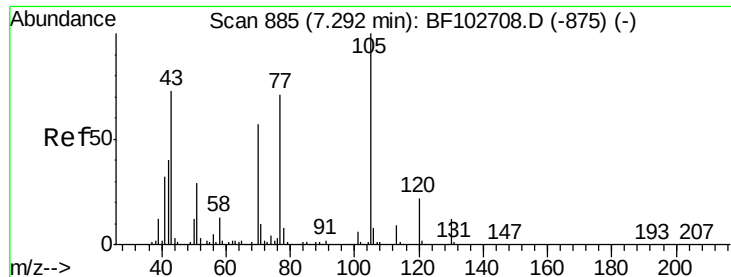


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 15.473 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103016.D

Acq: 15 Feb 2018 14:31

Instrument :

BNA_F

ClientSampleId :

PB106541BL

Tgt Ion: 70 Resp: 129677

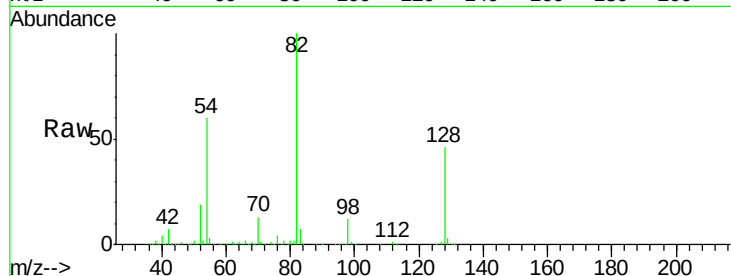
Ion Ratio Lower Upper

70 100

42 52.4 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

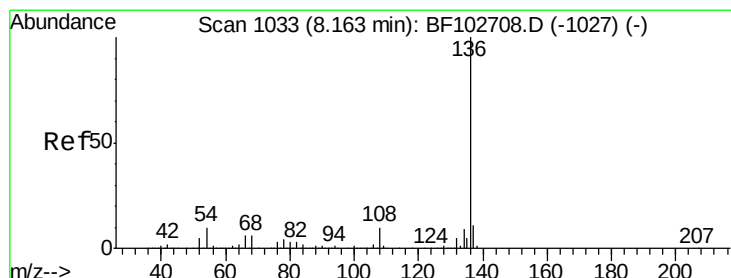
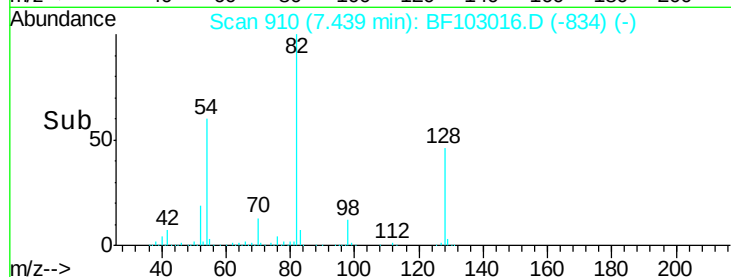
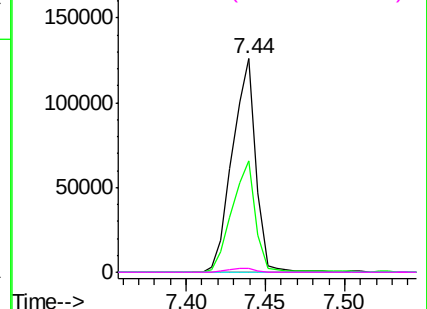


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103016.D

Acq: 15 Feb 2018 14:31

Tgt Ion: 136 Resp: 679730

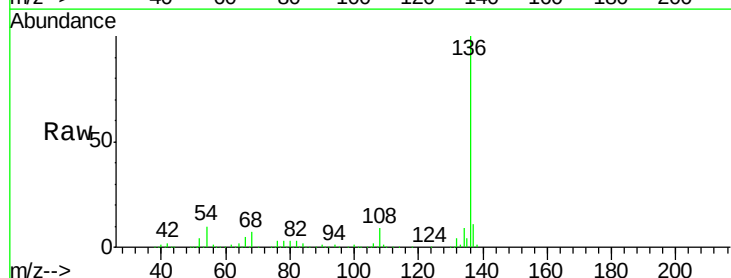
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.5 6.6 9.8

68 6.8 5.0 7.4

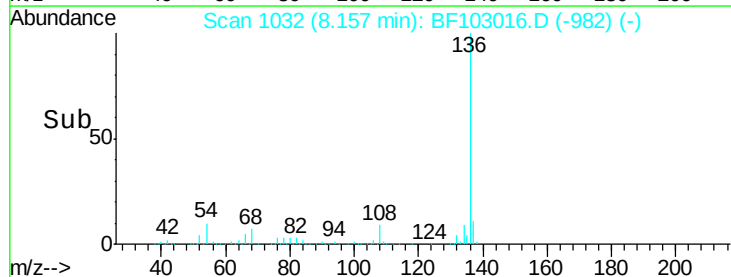
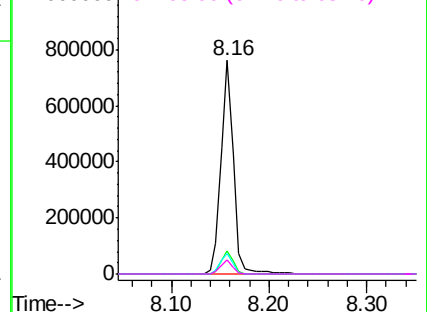


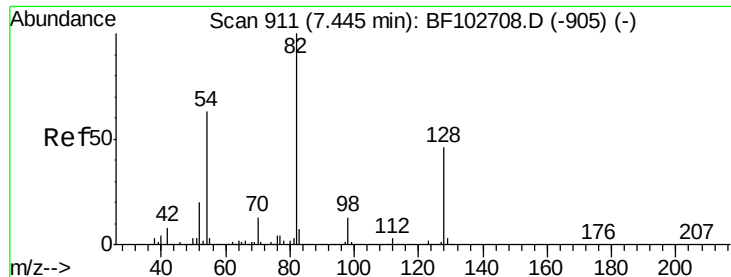
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

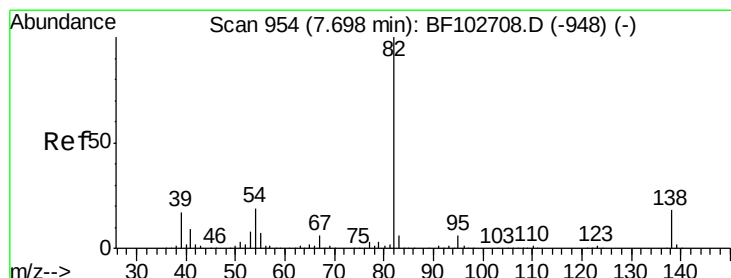
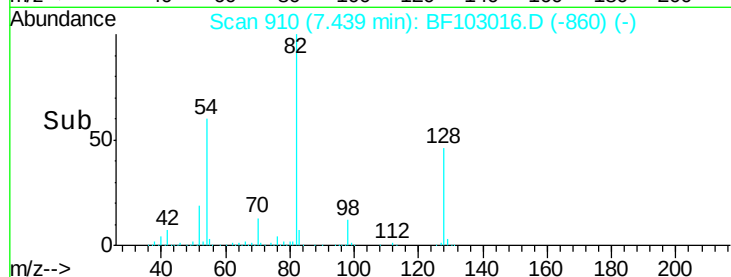
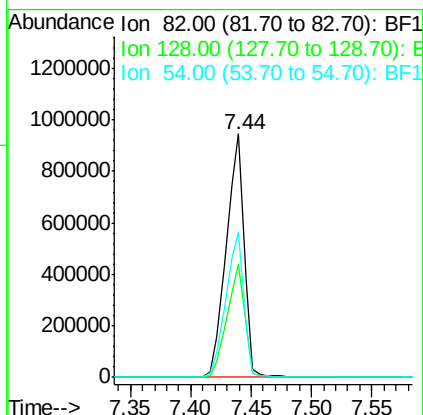
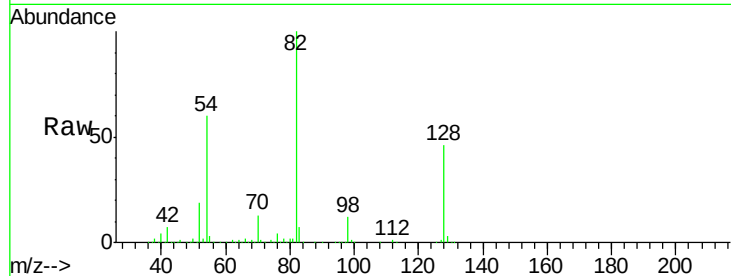




#23
 Nitrobenzene-d5
 Concen: 99.625 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103016.D
 Acq: 15 Feb 2018 14:31

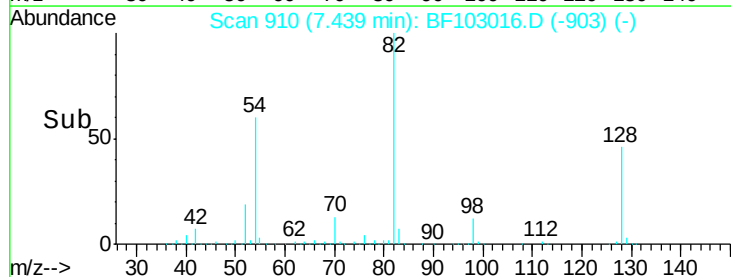
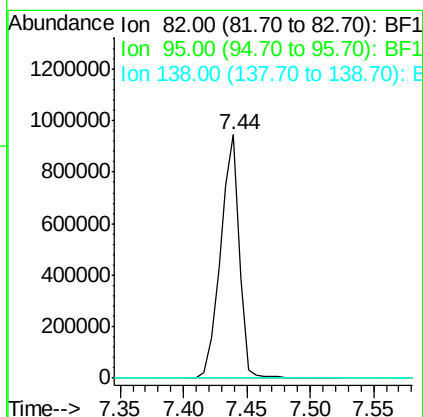
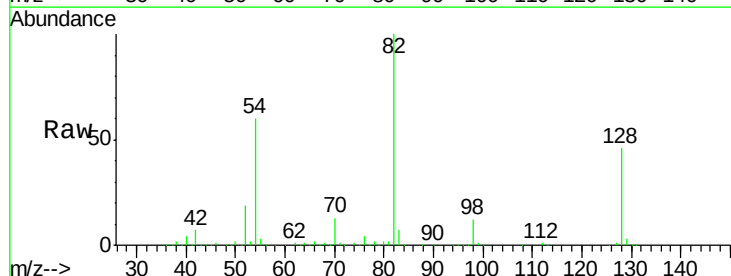
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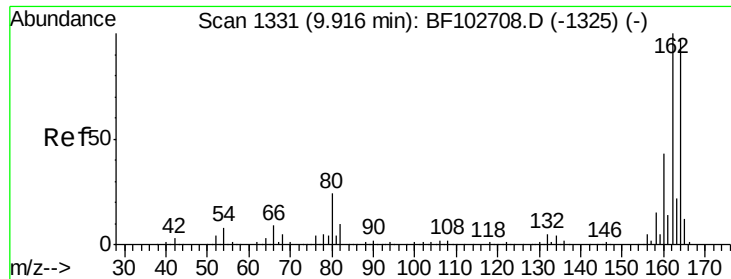
Tgt Ion: 82 Resp: 976180
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.1 54.1
 54 59.5 41.4 62.2



#25
 Isophorone
 Concen: 43.265 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.26 min
 Lab File: BF103016.D
 Acq: 15 Feb 2018 14:31

Tgt Ion: 82 Resp: 976173
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

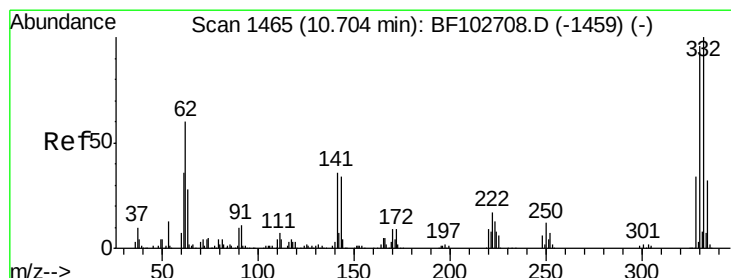
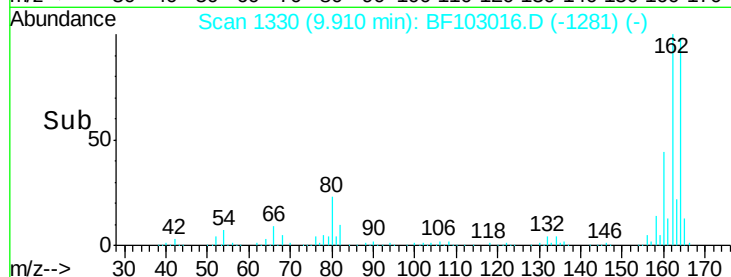
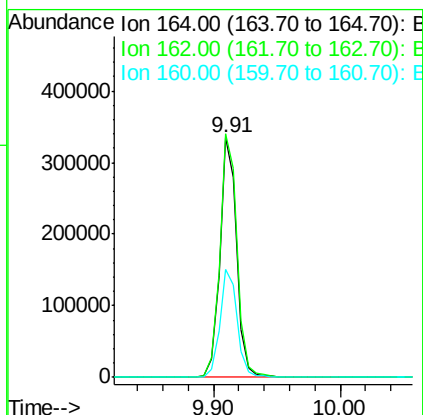
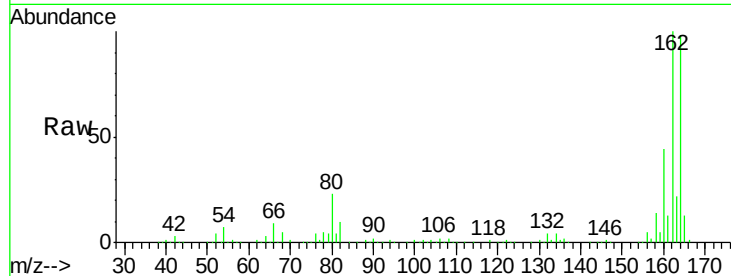




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103016.D
 Acq: 15 Feb 2018 14:31

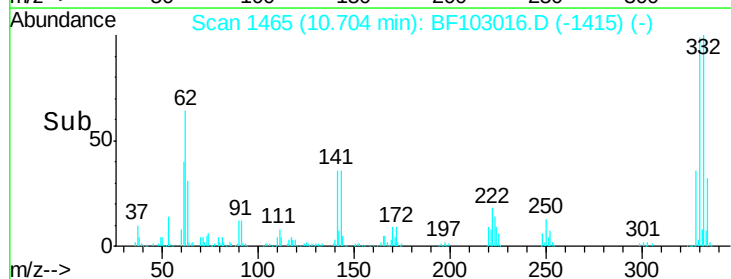
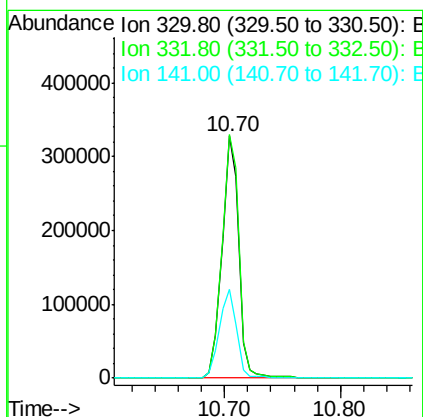
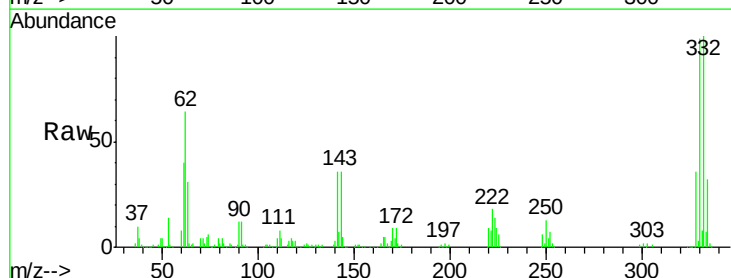
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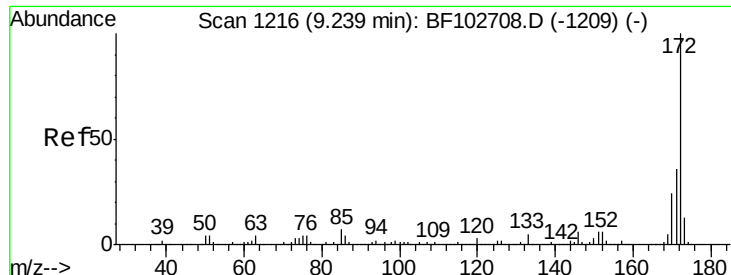
Tgt Ion:164 Resp: 310256
 Ion Ratio Lower Upper
 164 100
 162 101.8 86.1 129.1
 160 45.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 132.065 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103016.D
 Acq: 15 Feb 2018 14:31

Tgt Ion:330 Resp: 329793
 Ion Ratio Lower Upper
 330 100
 332 102.5 77.0 115.6
 141 37.8 29.9 44.9

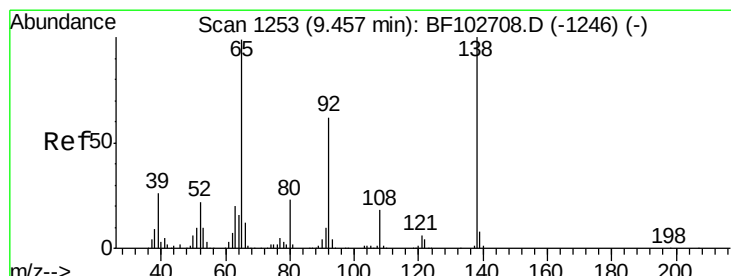
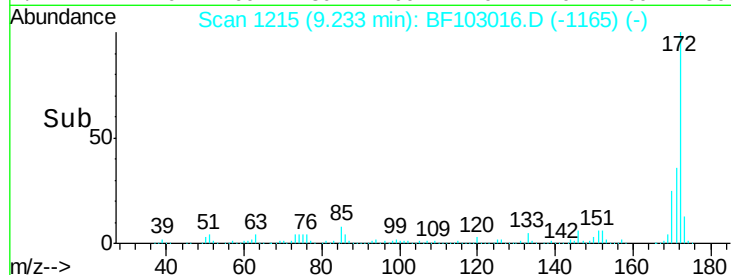
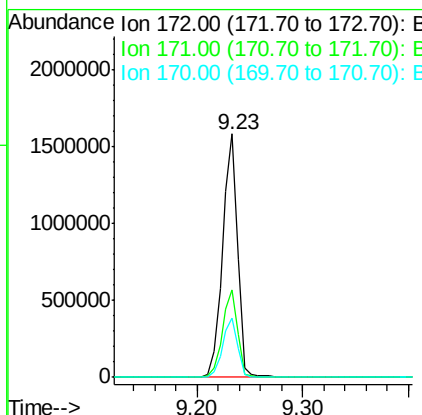
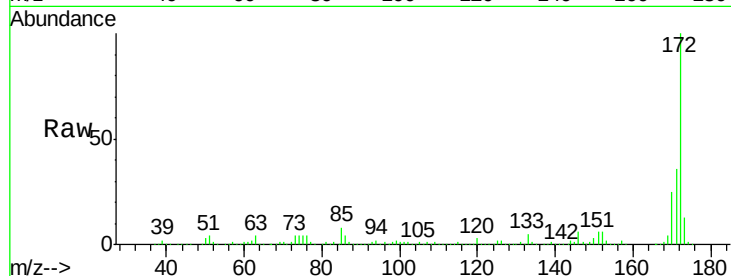




#44
 2-Fluorobiphenyl
 Concen: 84.529 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103016.D
 Acq: 15 Feb 2018 14:31

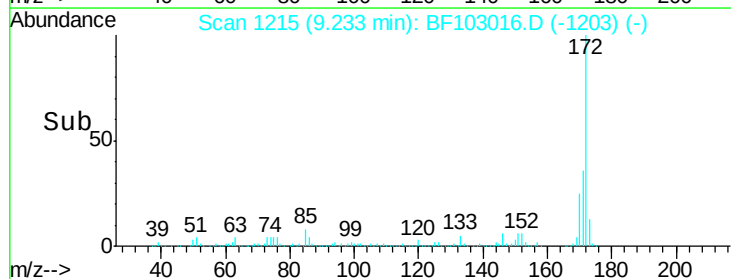
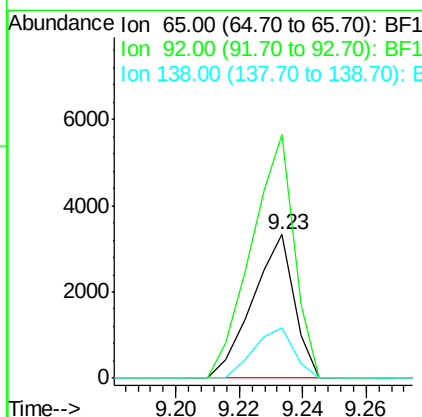
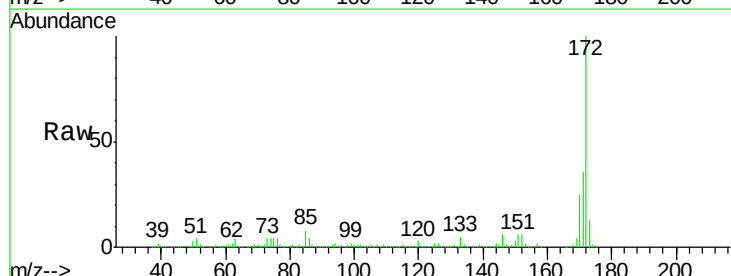
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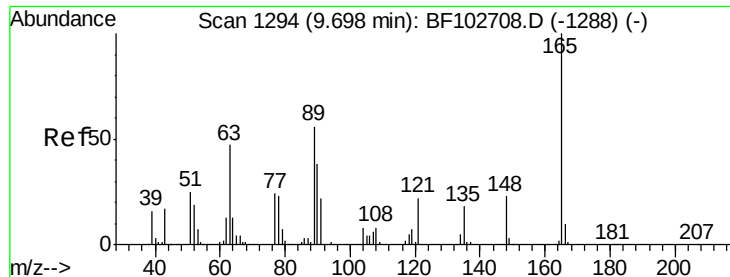
Tgt Ion: 172 Resp: 1580468
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.6 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.915 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.23 min
 Lab File: BF103016.D
 Acq: 15 Feb 2018 14:31

Tgt Ion: 65 Resp: 3027
 Ion Ratio Lower Upper
 65 100
 92 169.6 55.8 83.6#
 138 35.4 91.2 136.8#

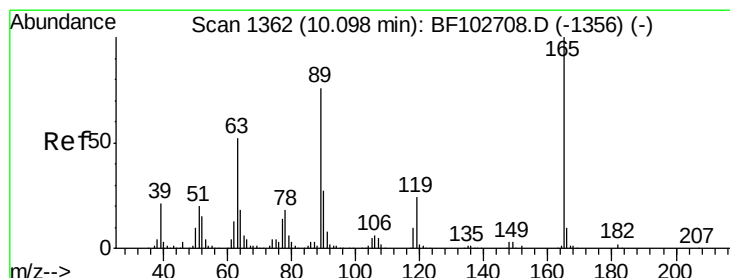
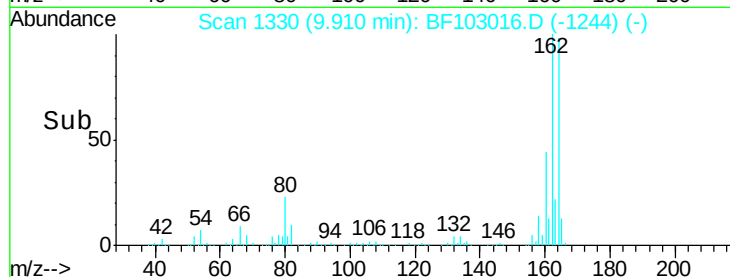
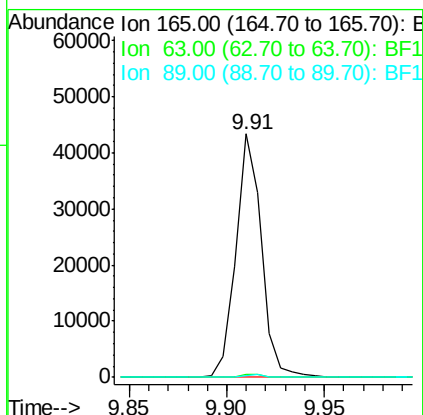
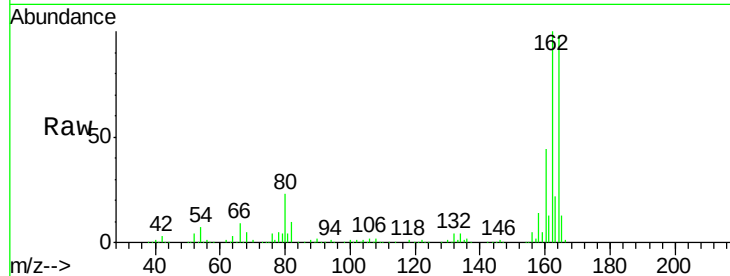




#50
 2,6-Dinitrotoluene
 Concen: 8.528 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF103016.D
 Acq: 15 Feb 2018 14:31

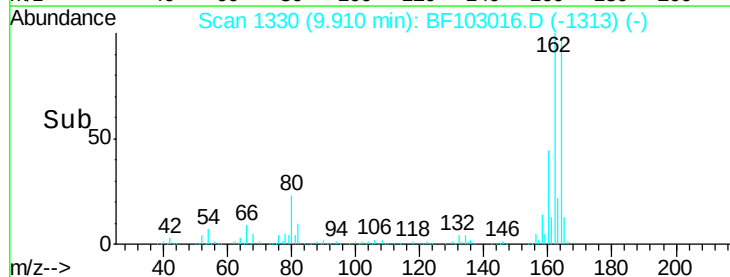
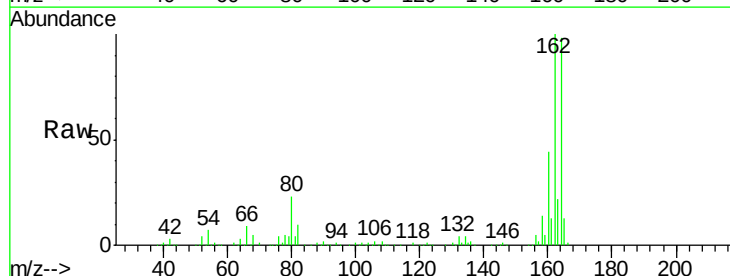
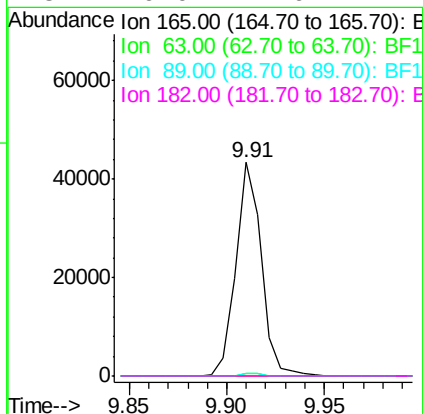
Instrument :
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 ClientSampleId :
 PB106541BL

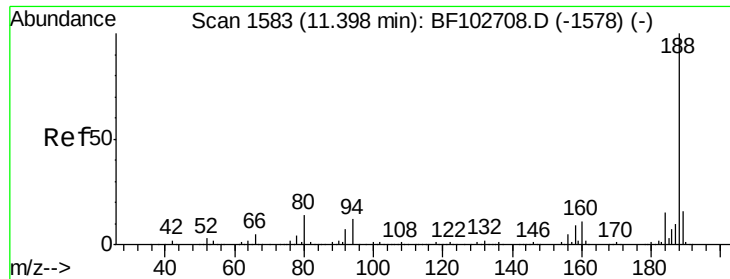
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	0.9	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 9.027 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF103016.D
 Acq: 15 Feb 2018 14:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	0.9	57.8	86.6#
182	0.0	1.6	2.4#

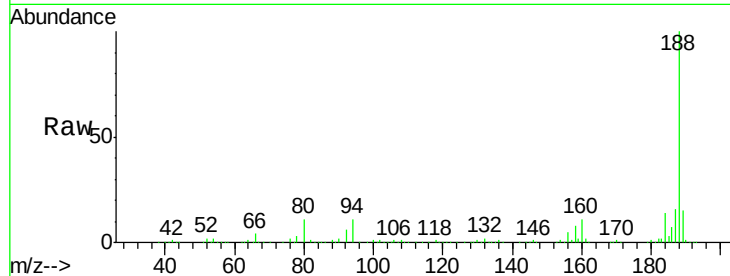




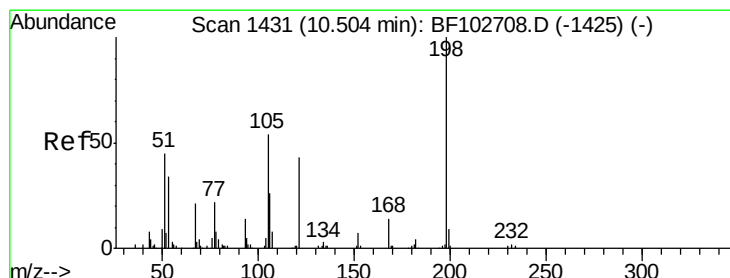
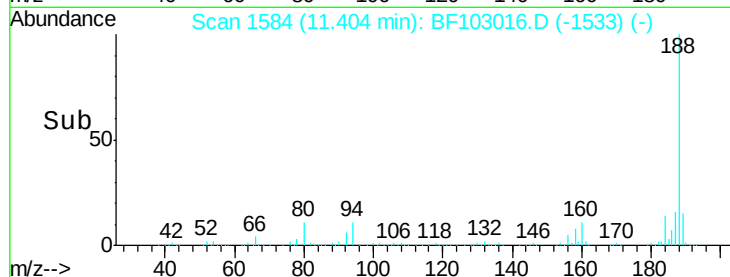
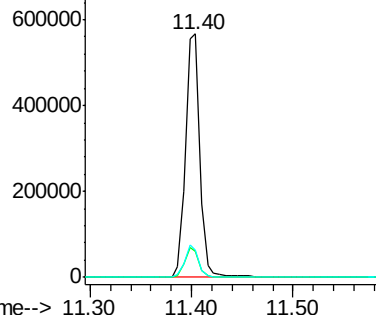
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF103016.D
 Acq: 15 Feb 2018 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB106541BL

Tgt Ion:188 Resp: 559888
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.3 9.2 13.8

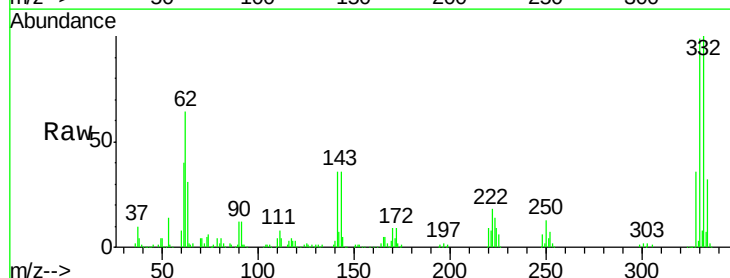


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

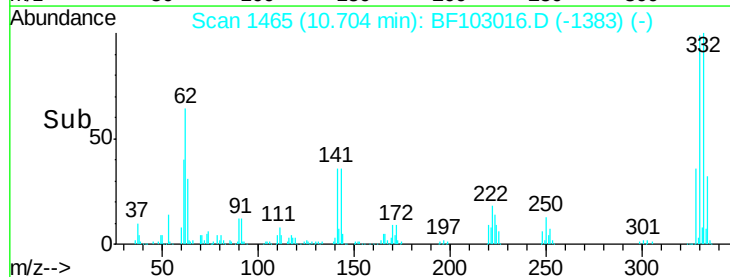
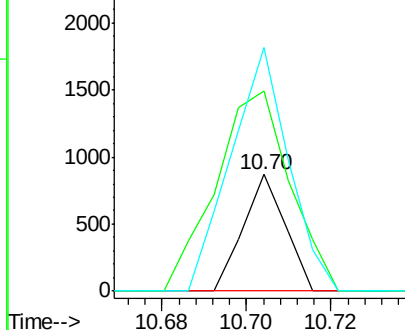


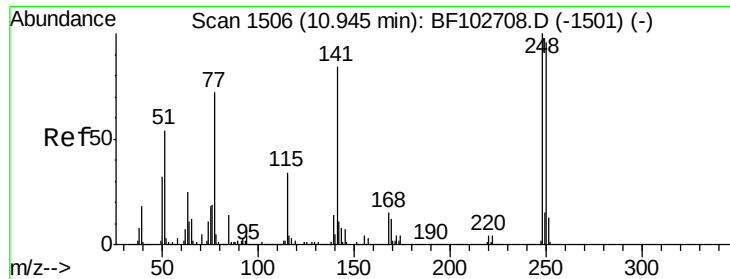
#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.030 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.18 min
 Lab File: BF103016.D
 Acq: 15 Feb 2018 14:31

Tgt Ion:198 Resp: 598
 Ion Ratio Lower Upper
 198 100
 51 171.8 37.7 77.7#
 105 209.1 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

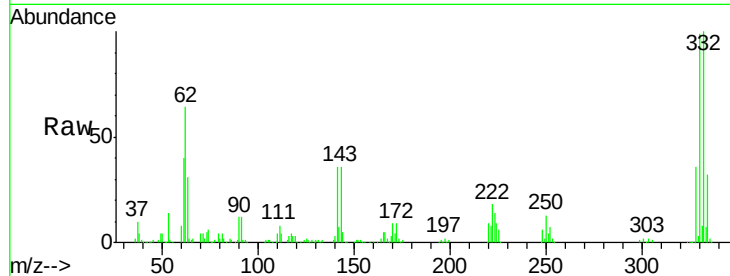




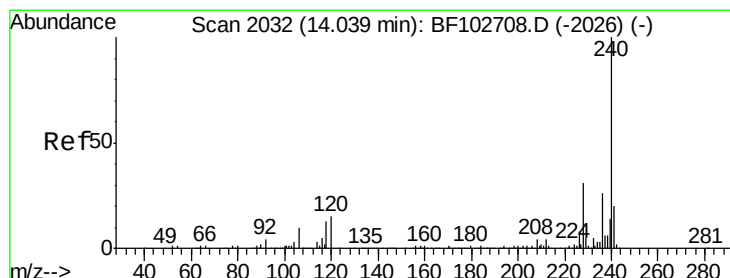
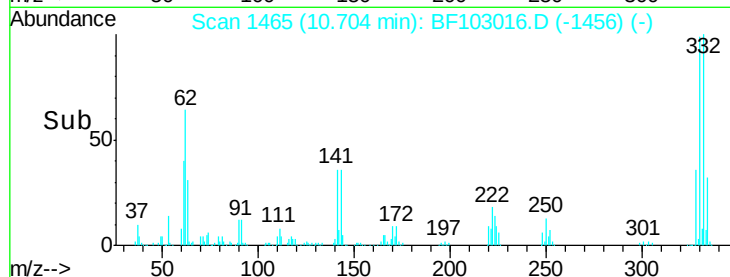
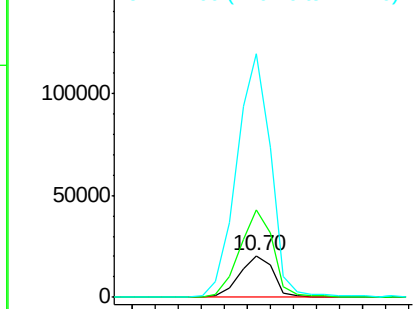
#66
 4-Bromophenyl-phenylether
 Concen: 3.575 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF103016.D
 Acq: 15 Feb 2018 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB106541BL

Tgt Ion:248 Resp: 21176
 Ion Ratio Lower Upper
 248 100
 250 209.9 76.9 115.3#
 141 581.6 74.4 111.6#

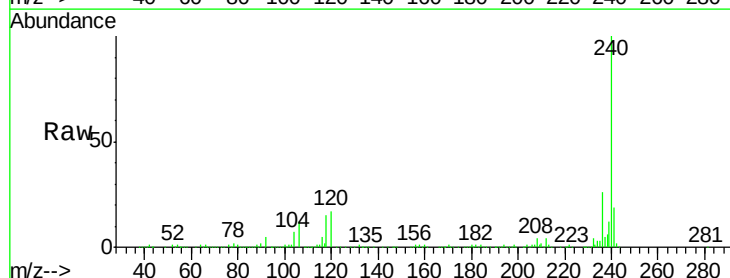


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

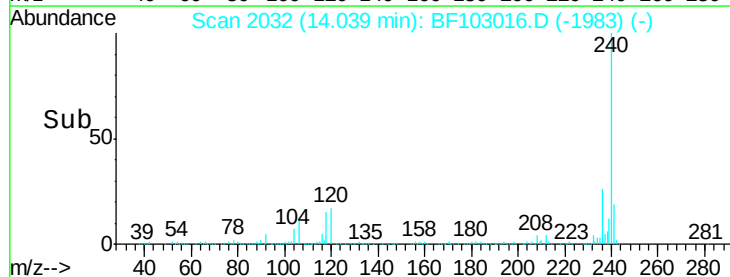
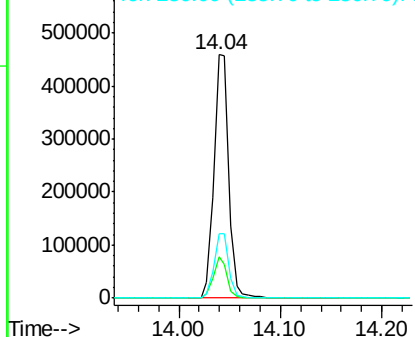


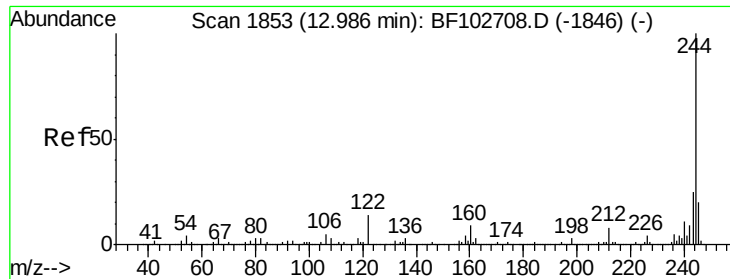
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF103016.D
 Acq: 15 Feb 2018 14:31

Tgt Ion:240 Resp: 467278
 Ion Ratio Lower Upper
 240 100
 120 17.1 9.5 14.3#
 236 26.3 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: 79.616 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103016.D

Acq: 15 Feb 2018 14:31

Instrument :

BNA_F

ClientSampleId :

PB106541BL

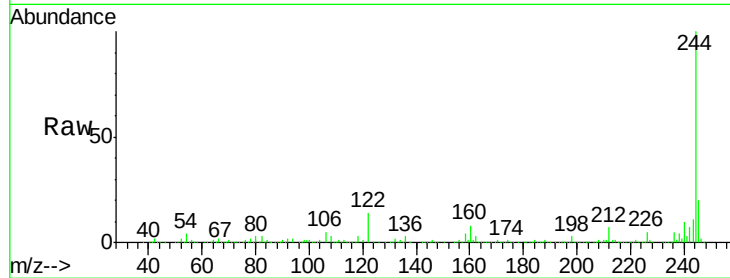
Tgt Ion:244 Resp: 1571222

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

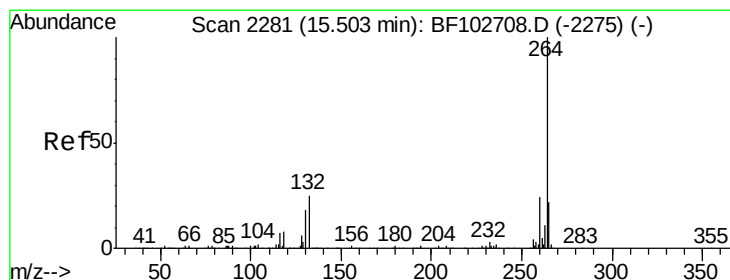
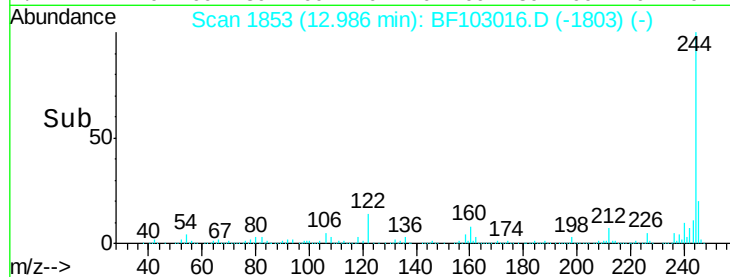
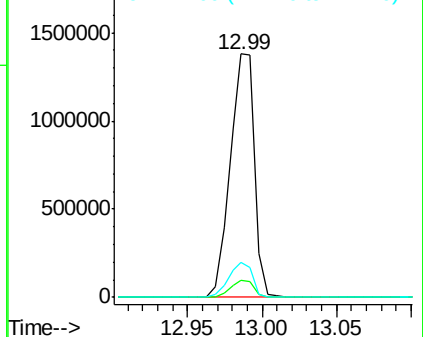
122 14.2 11.0 16.4



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: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF103016.D

Acq: 15 Feb 2018 14:31

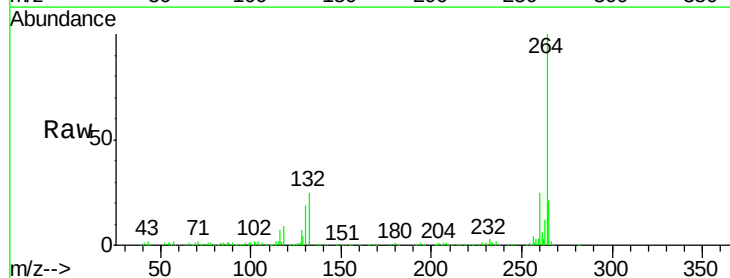
Tgt Ion:264 Resp: 391048

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.5 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

