

Data Path : U:\HPCHEM1\BNA F\DATA\BF011218\
 Data File : BF102049.D
 Acq On : 12 Jan 2018 18:07
 Operator : SJ/JU
 Sample : J1100-01DL 100X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 21:54:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

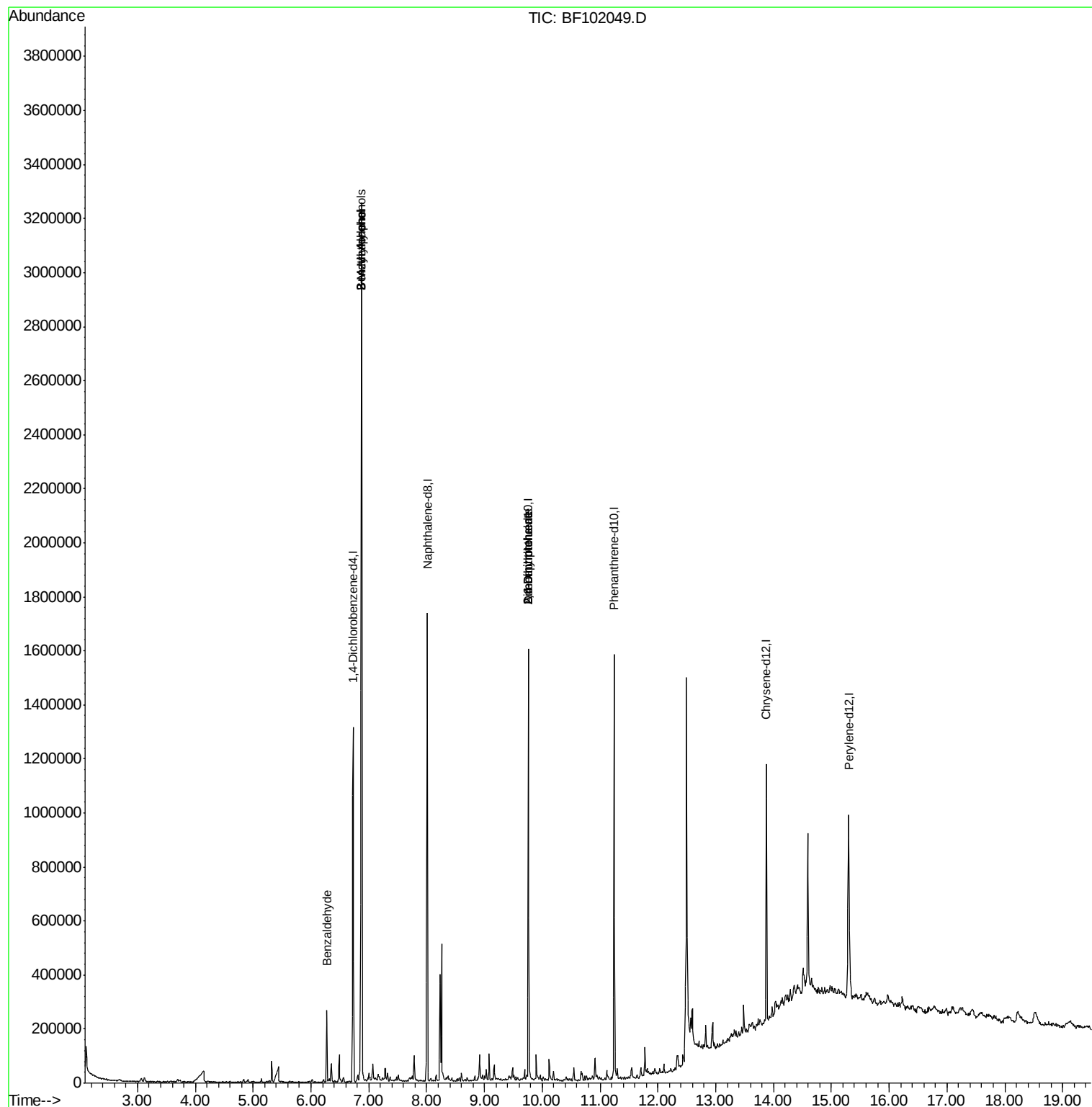
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	179344	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	721473	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	296084	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	458084	20.00	ng	0.00
75) Chrysene-d12	13.87	240	318955	20.00	ng	0.00
86) Perylene-d12	15.30	264	288811	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	19232	1.51	ng	0.00
7) Phenol-d6	6.35	99	20526	1.35	ng	-0.01
23) Nitrobenzene-d5	7.29	82	13040	1.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	4302	1.66	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	29807	1.57	ng	-0.01
78) Terphenyl-d14	12.83	244	23177	1.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.27	77	47186	4.485	ng	95
15) Benzyl Alcohol	6.87	79	806571	72.767	ng	99
17) 2-Methylphenol	6.88	107	458648	39.914	ng	# 23
20) 3+4-Methylphenols	6.88	107	450544	32.655	ng	# 1
49) Dimethylphthalate	9.76	163	82821	3.487	ng	# 1
50) 2,6-Dinitrotoluene	9.76	165	39101	8.241	ng	# 25
56) 2,4-Dinitrotoluene	9.76	165	39101	6.575	ng	# 23

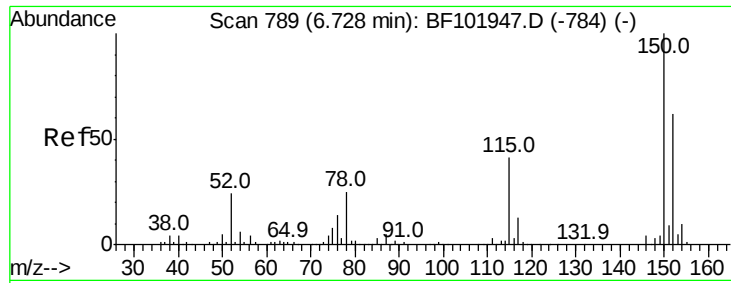
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF011218\
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
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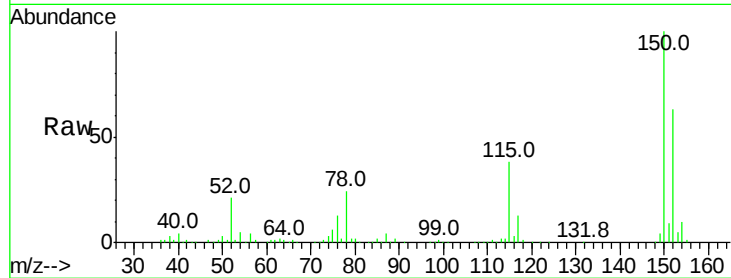


#1

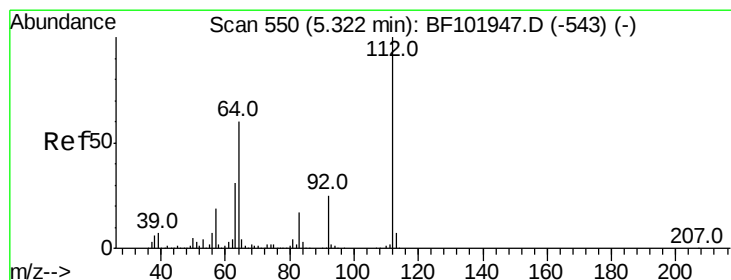
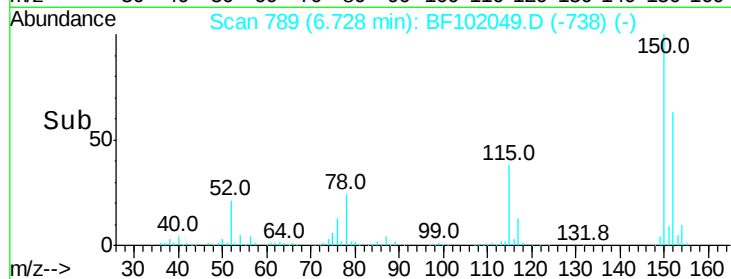
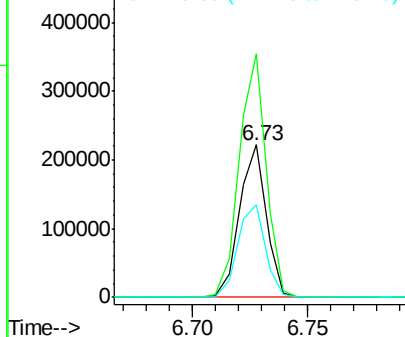
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102049.D
Acq: 12 Jan 2018 18:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 179344
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 60.9 50.1 75.1



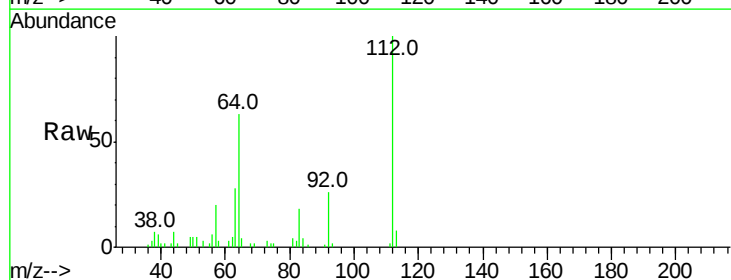
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



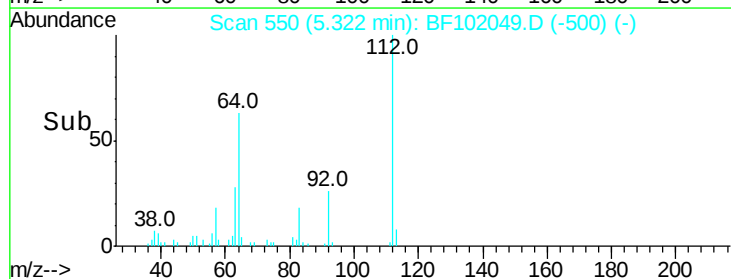
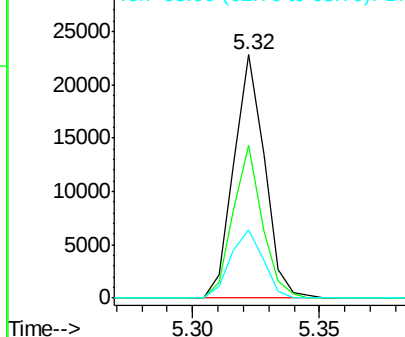
#5

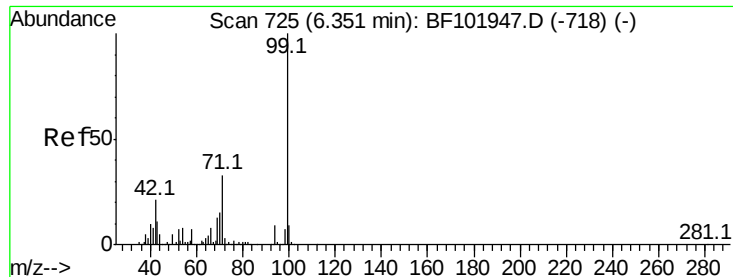
2-Fluorophenol
Concen: 1.514 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF102049.D
Acq: 12 Jan 2018 18:07

Tgt Ion:112 Resp: 19232
Ion Ratio Lower Upper
112 100
64 62.9 47.9 71.9
63 28.2 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: 1.355 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102049.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_F

ClientSampleId :

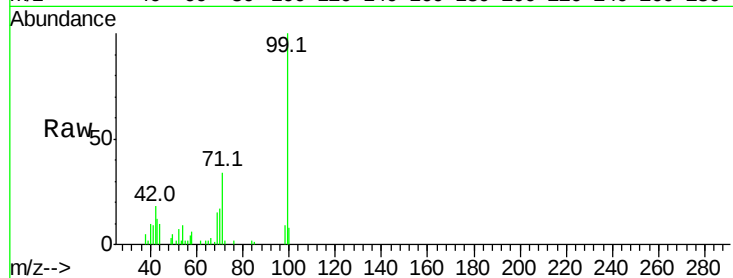
Tot Ion: 99 Resp: 20526

Ion Ratio Lower Upper

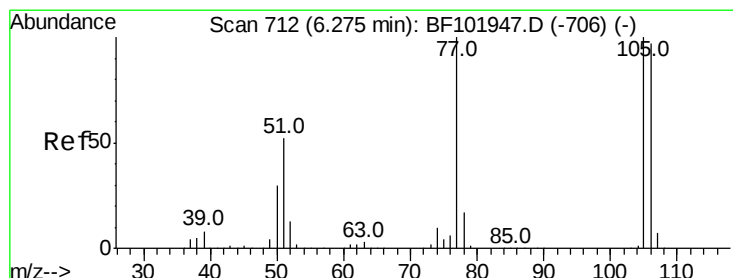
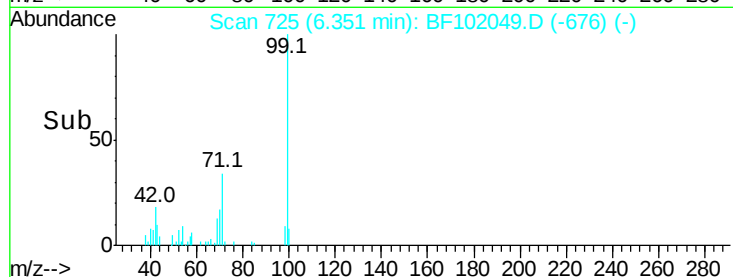
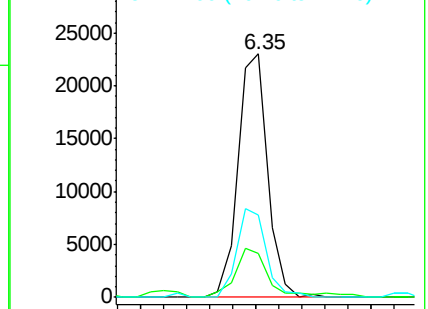
99 100

42 17.9 14.5 21.7

71 33.6 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: 4.485 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF102049.D

Acq: 12 Jan 2018 18:07

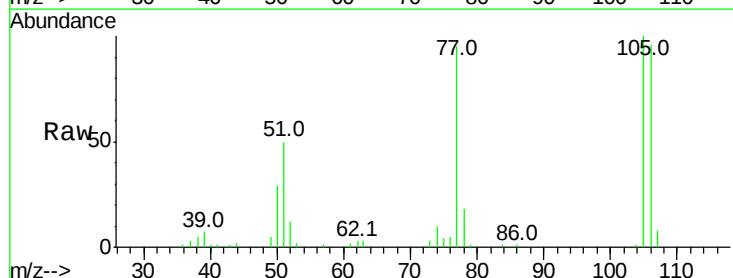
Tgt Ion: 77 Resp: 47186

Ion Ratio Lower Upper

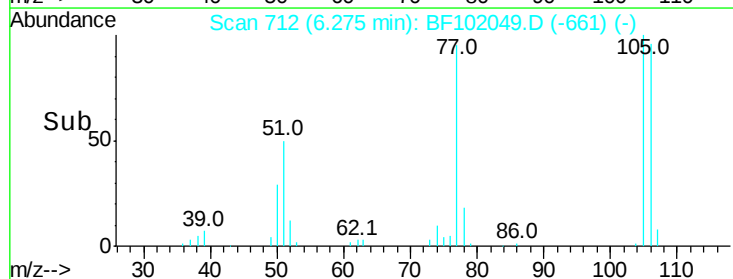
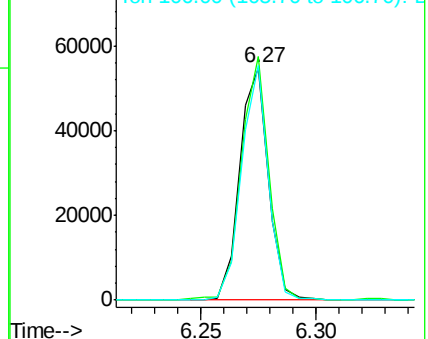
77 100

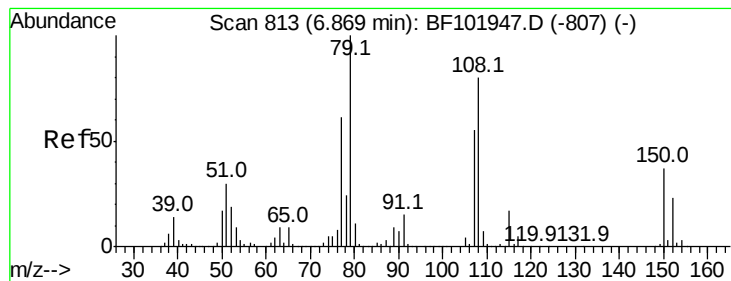
105 104.9 81.1 121.1

106 101.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#15

Benzyl Alcohol

Concen: 72.767 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF102049.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_F

ClientSampled :

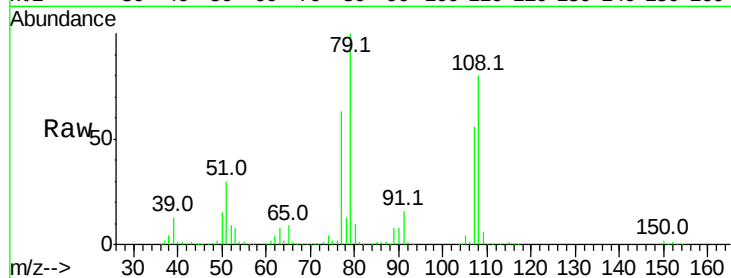
Tot Ion: 79 Resp: 806571

Ion Ratio Lower Upper

79 100

108 80.1 65.1 97.7

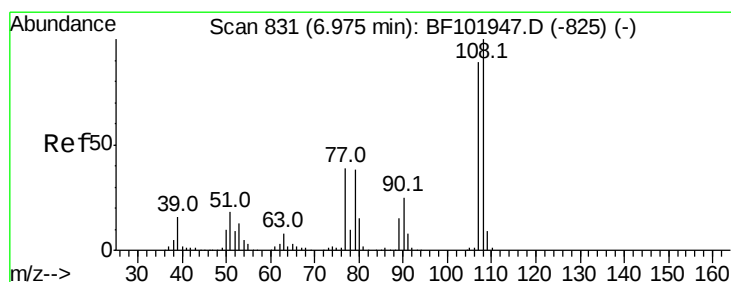
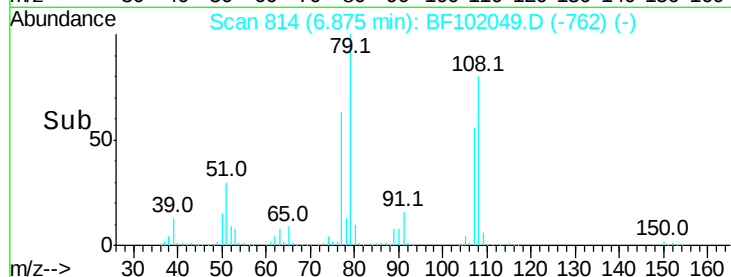
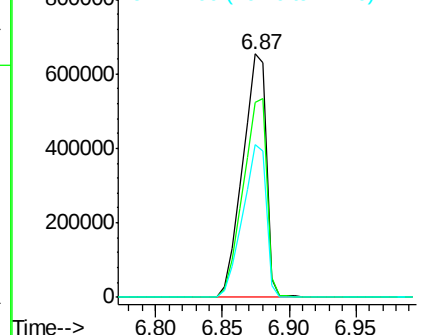
77 62.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#17

2-Methylphenol

Concen: 39.914 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.10 min

Lab File: BF102049.D

Acq: 12 Jan 2018 18:07

Tgt Ion: 107 Resp: 458648

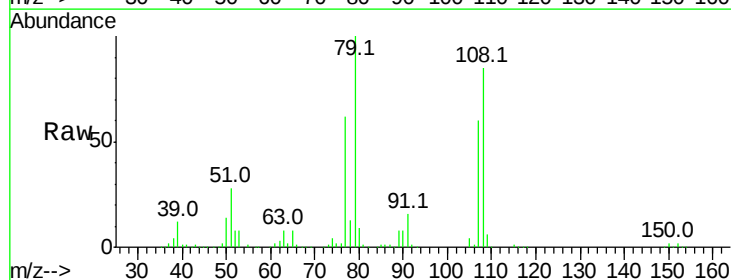
Ion Ratio Lower Upper

107 100

108 141.3 91.7 137.5#

77 104.1 33.8 50.8#

79 167.2 33.8 50.8#

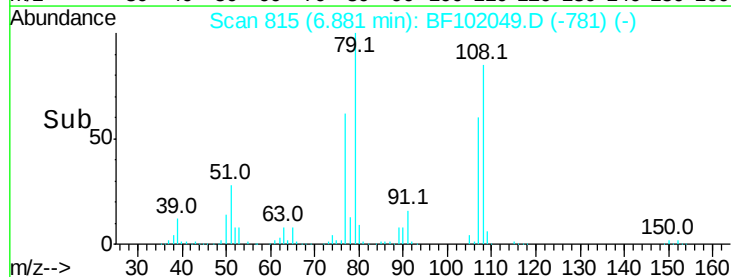
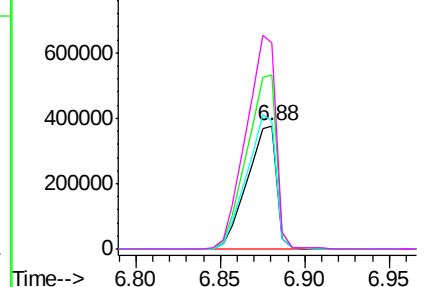


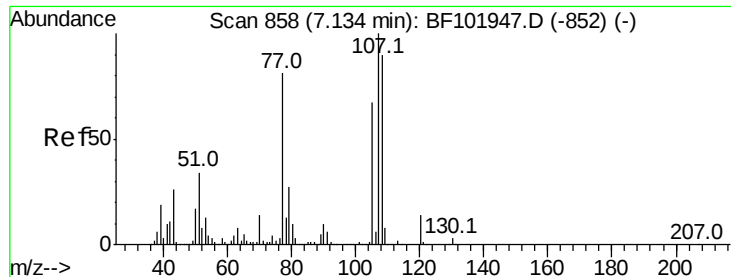
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#20

3+4-Methylphenols

Concen: 32.655 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.26 min

Lab File: BF102049.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 450544

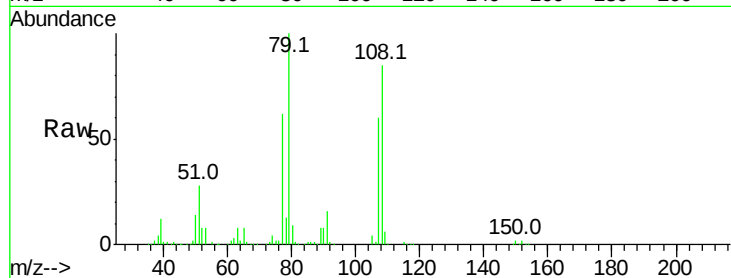
Ion Ratio Lower Upper

107 100

108 141.3 68.2 108.2#

77 104.1 26.7 66.7#

79 167.2 6.3 46.3#

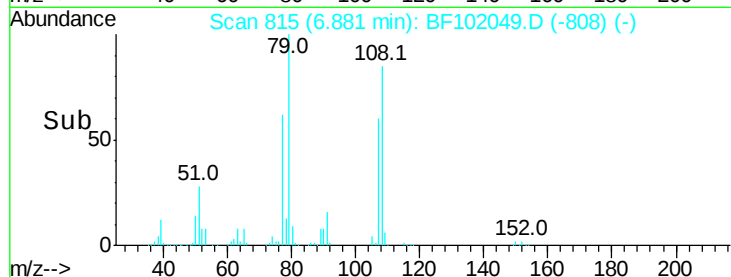


Abundance Ion 107.00 (106.70 to 107.70): E

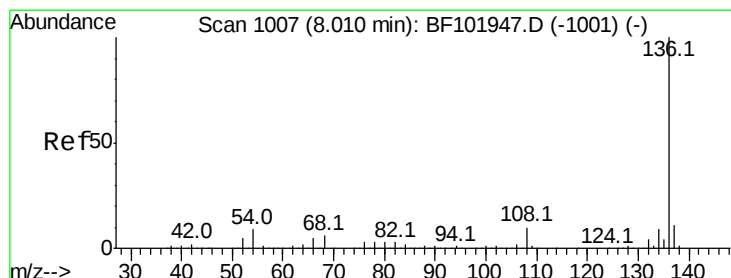
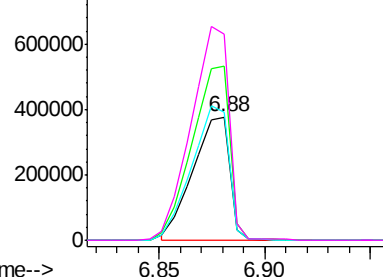
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF102049.D

Acq: 12 Jan 2018 18:07

Tgt Ion:136 Resp: 721473

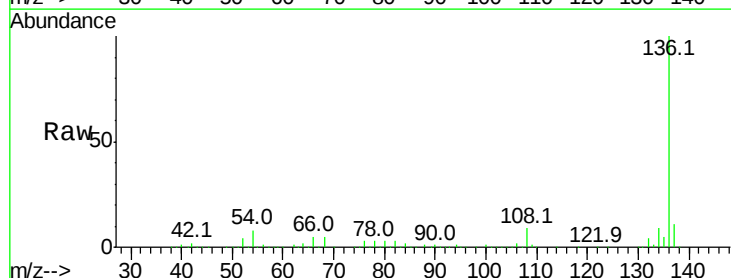
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.9 6.6 9.8

68 5.5 5.0 7.4

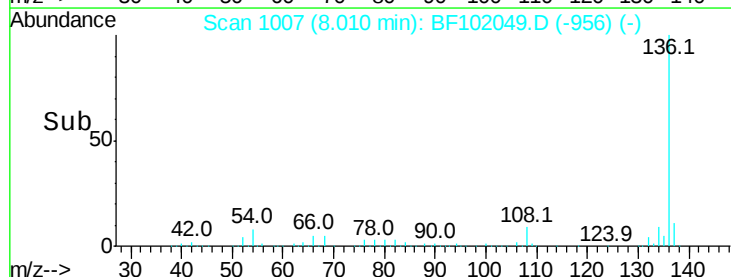


Abundance Ion 136.00 (135.70 to 136.70): E

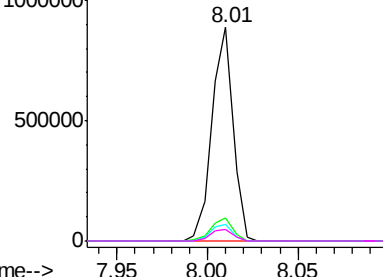
Ion 137.00 (136.70 to 137.70): E

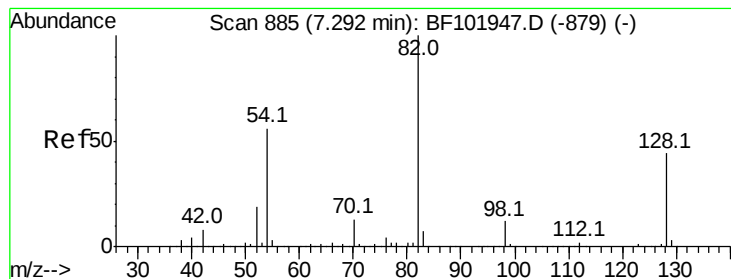
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->





#23

Nitrobenzene-d5

Concen: 1.062 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102049.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_F

ClientSampled :

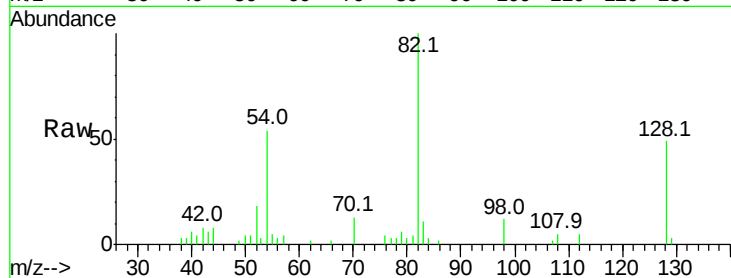
Tot Ion: 82 Resp: 13040

Ion Ratio Lower Upper

82 100

128 48.8 36.1 54.1

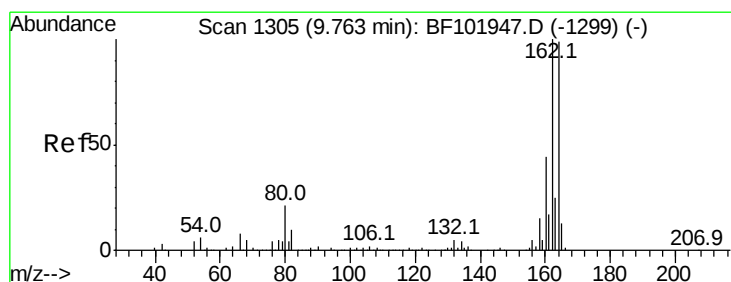
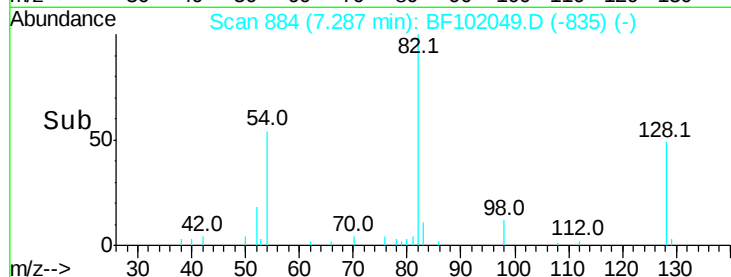
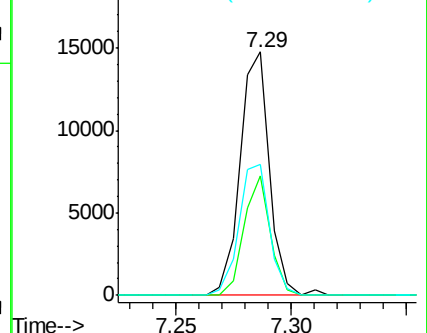
54 54.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF102049.D

Acq: 12 Jan 2018 18:07

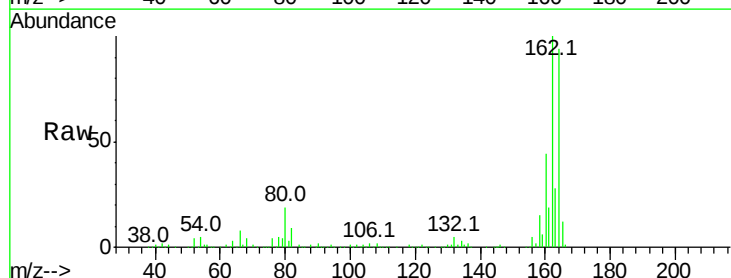
Tgt Ion:164 Resp: 296084

Ion Ratio Lower Upper

164 100

162 106.0 86.1 129.1

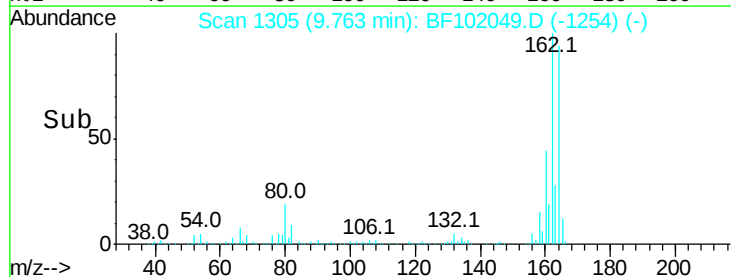
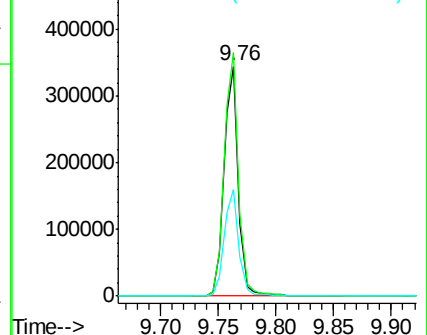
160 46.4 38.3 57.5

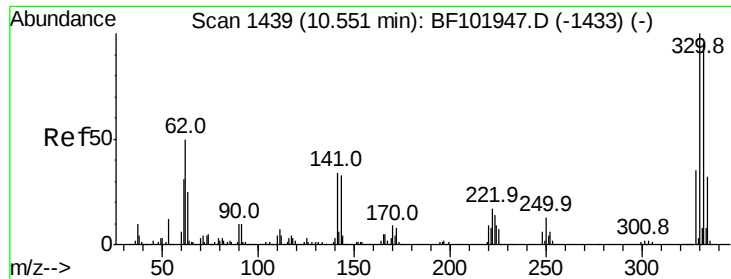


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

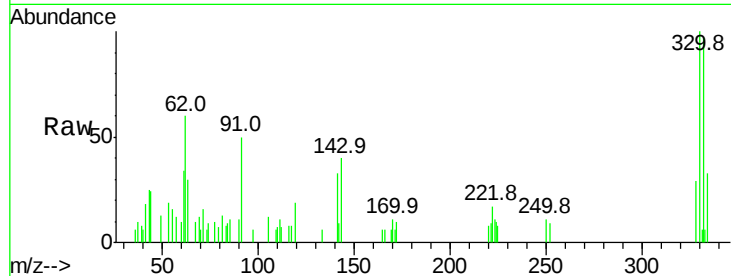




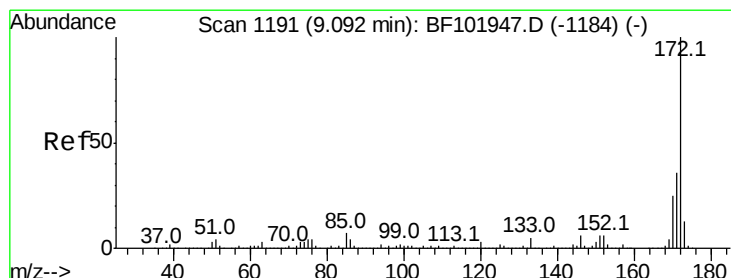
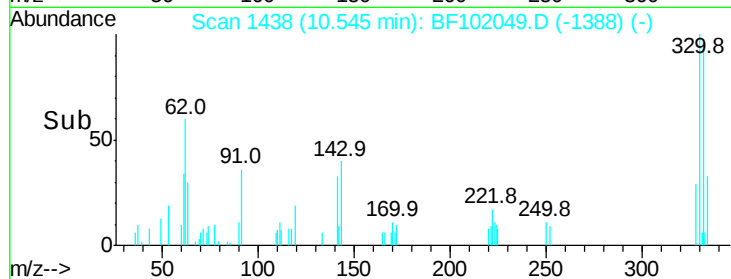
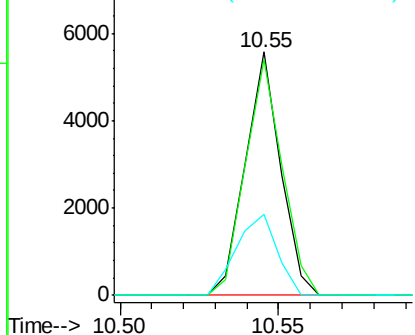
#41
 2,4,6-Tribromophenol
 Concen: 1.665 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102049.D
 Acq: 12 Jan 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 4302
 Ion Ratio Lower Upper
 330 100
 332 101.3 77.0 115.6
 141 38.3 29.9 44.9

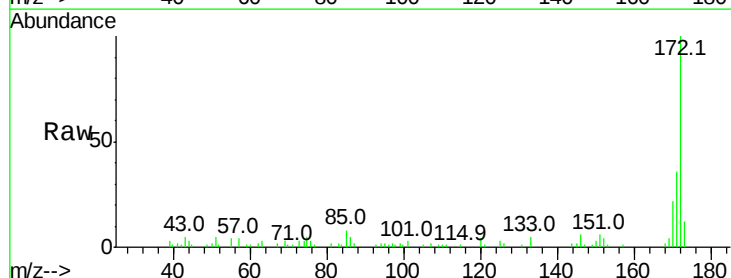


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

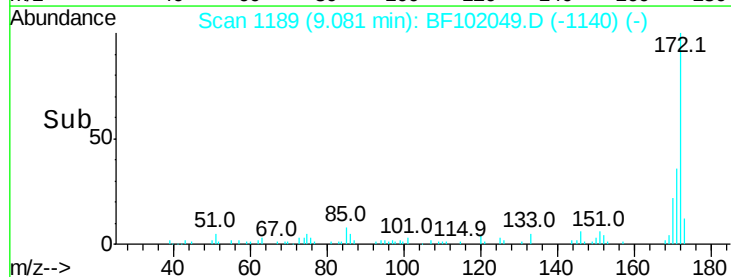
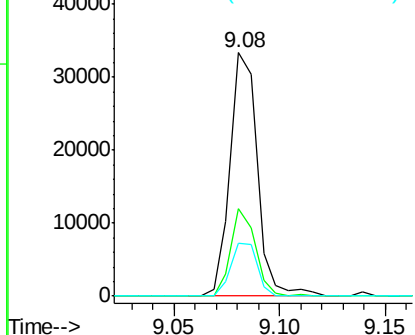


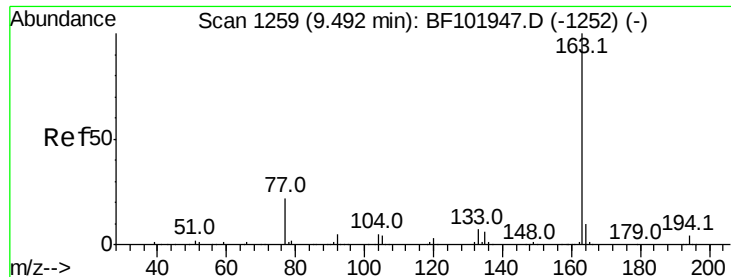
#44
 2-Fluorobiphenyl
 Concen: 1.573 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102049.D
 Acq: 12 Jan 2018 18:07

Tgt Ion:172 Resp: 29807
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 21.7 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

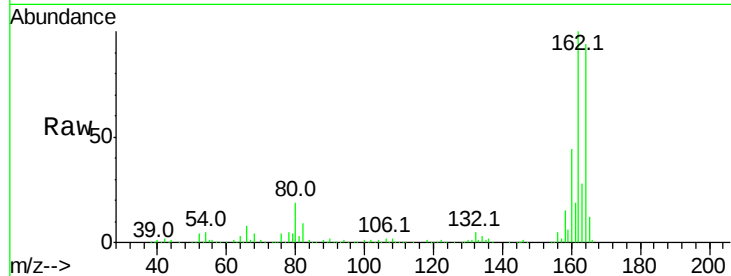




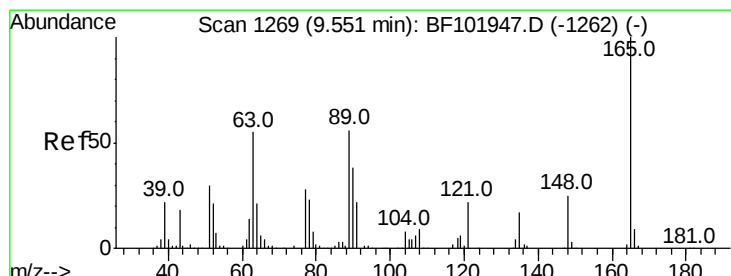
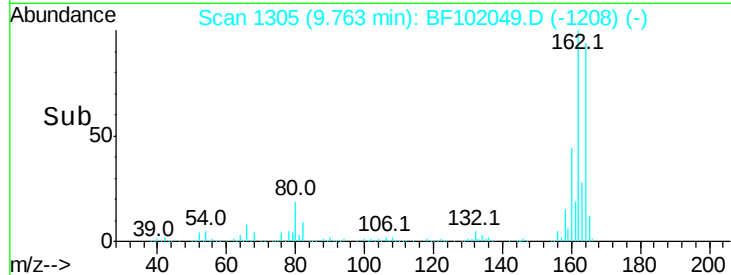
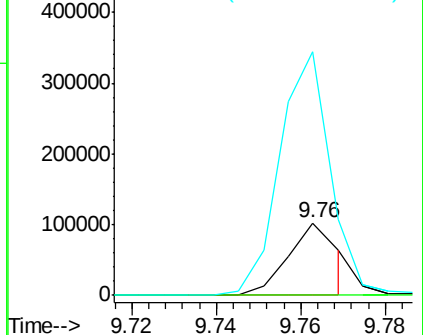
#49
Dimethylphthalate
Concen: 3.487 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.27 min
Lab File: BF102049.D
Acq: 12 Jan 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 82821
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 336.2 8.2 12.2#

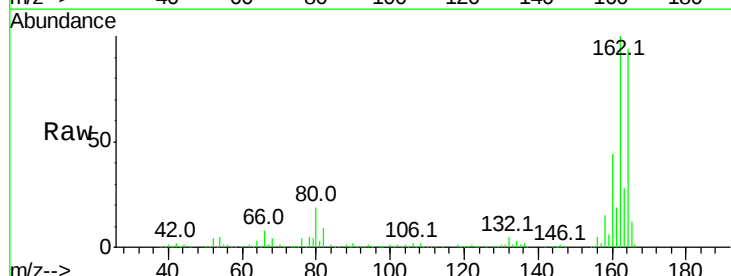


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

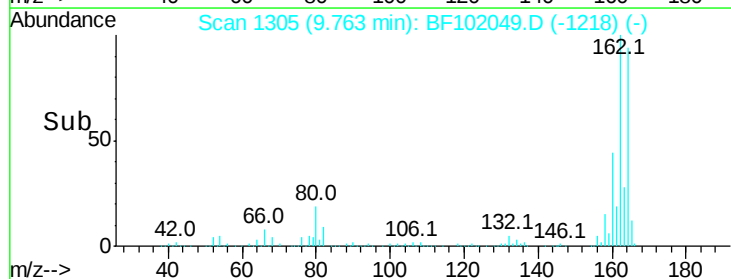
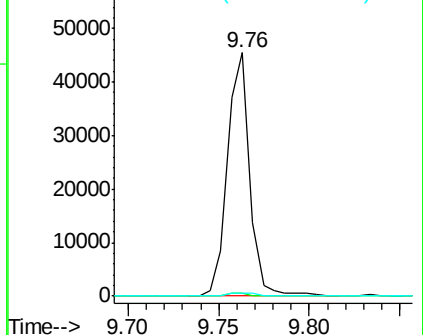


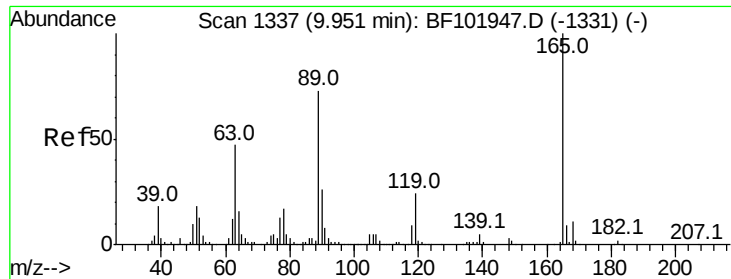
#50
2,6-Dinitrotoluene
Concen: 8.241 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF102049.D
Acq: 12 Jan 2018 18:07

Tgt Ion:165 Resp: 39101
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.1 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

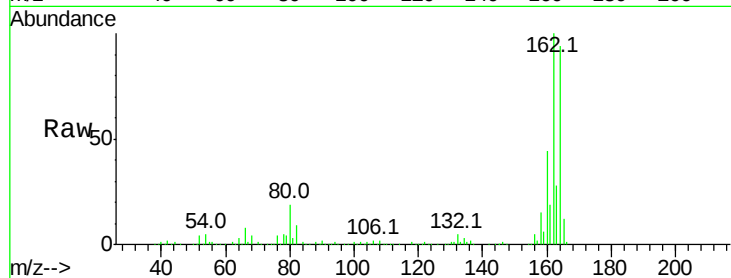




#56
2,4-Dinitrotoluene
Concen: 6.575 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF102049.D
Acq: 12 Jan 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

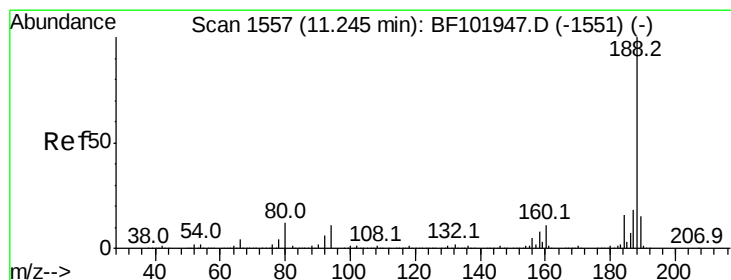
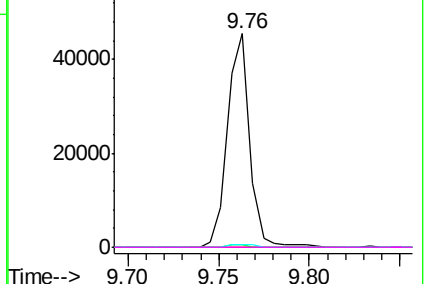
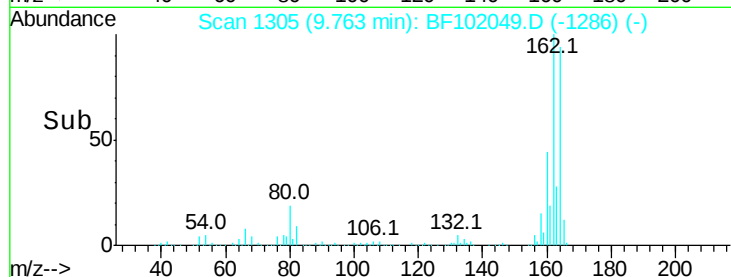


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

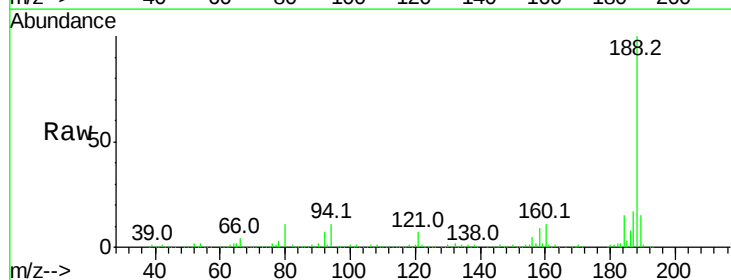
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF102049.D
Acq: 12 Jan 2018 18:07

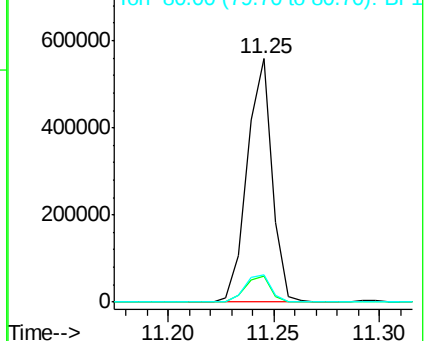
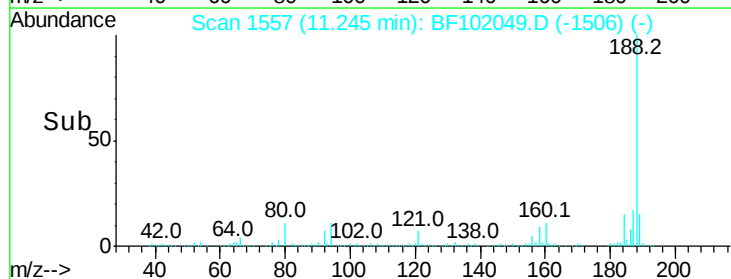
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.3	9.2	13.8

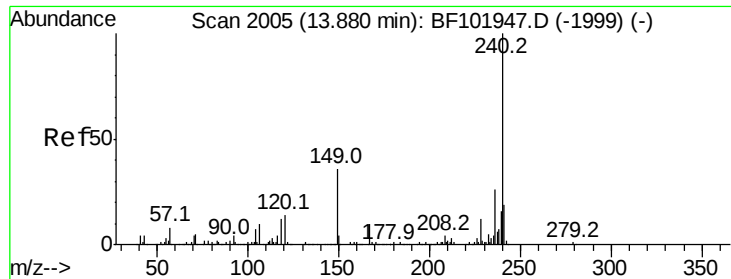


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102049.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_F

ClientSampleId :

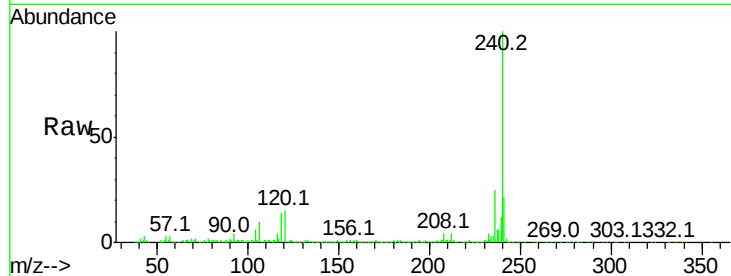
Tot Ion:240 Resp: 318955

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

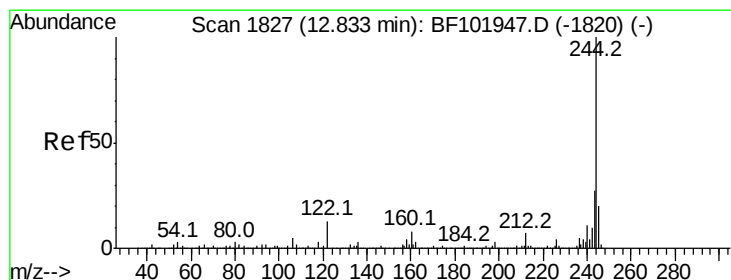
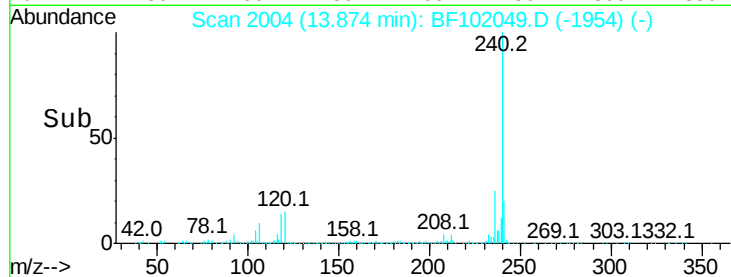
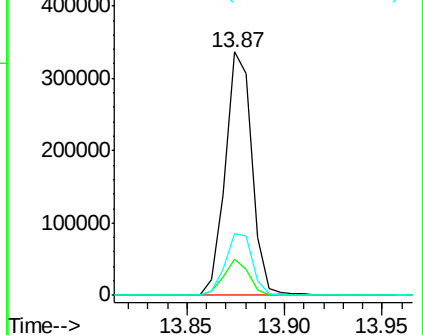
236 25.5 20.7 31.1



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: 1.509 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF102049.D

Acq: 12 Jan 2018 18:07

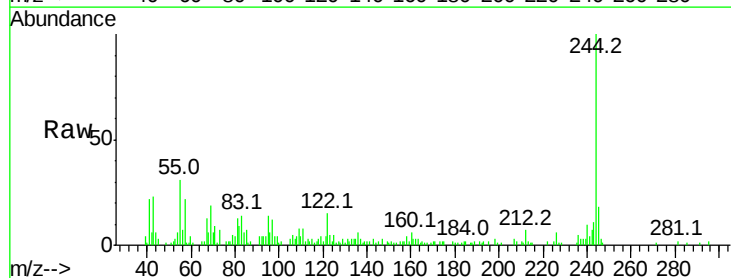
Tgt Ion:244 Resp: 23177

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

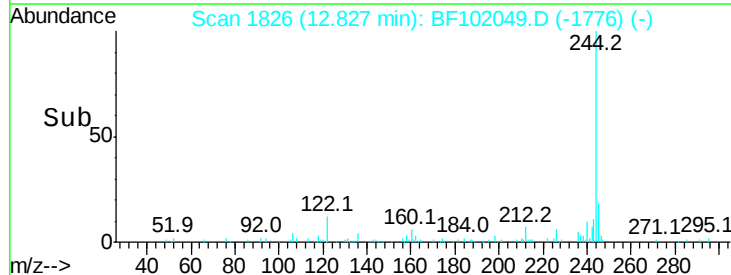
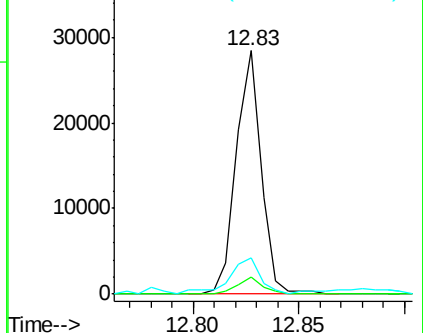
122 14.7 11.0 16.4

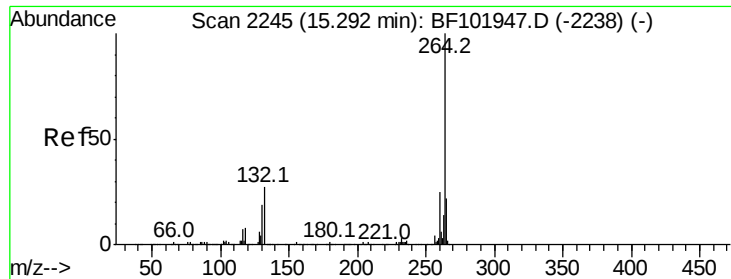


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

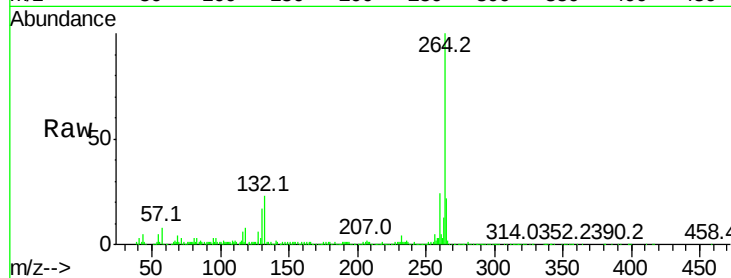




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102049.D
 Acq: 12 Jan 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 288811
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.4 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

