

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF101983.D
 Acq On : 10 Jan 2018 17:15
 Operator : SJ/JU
 Sample : PB105555BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105555BL

Quant Time: Jan 11 01:53:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

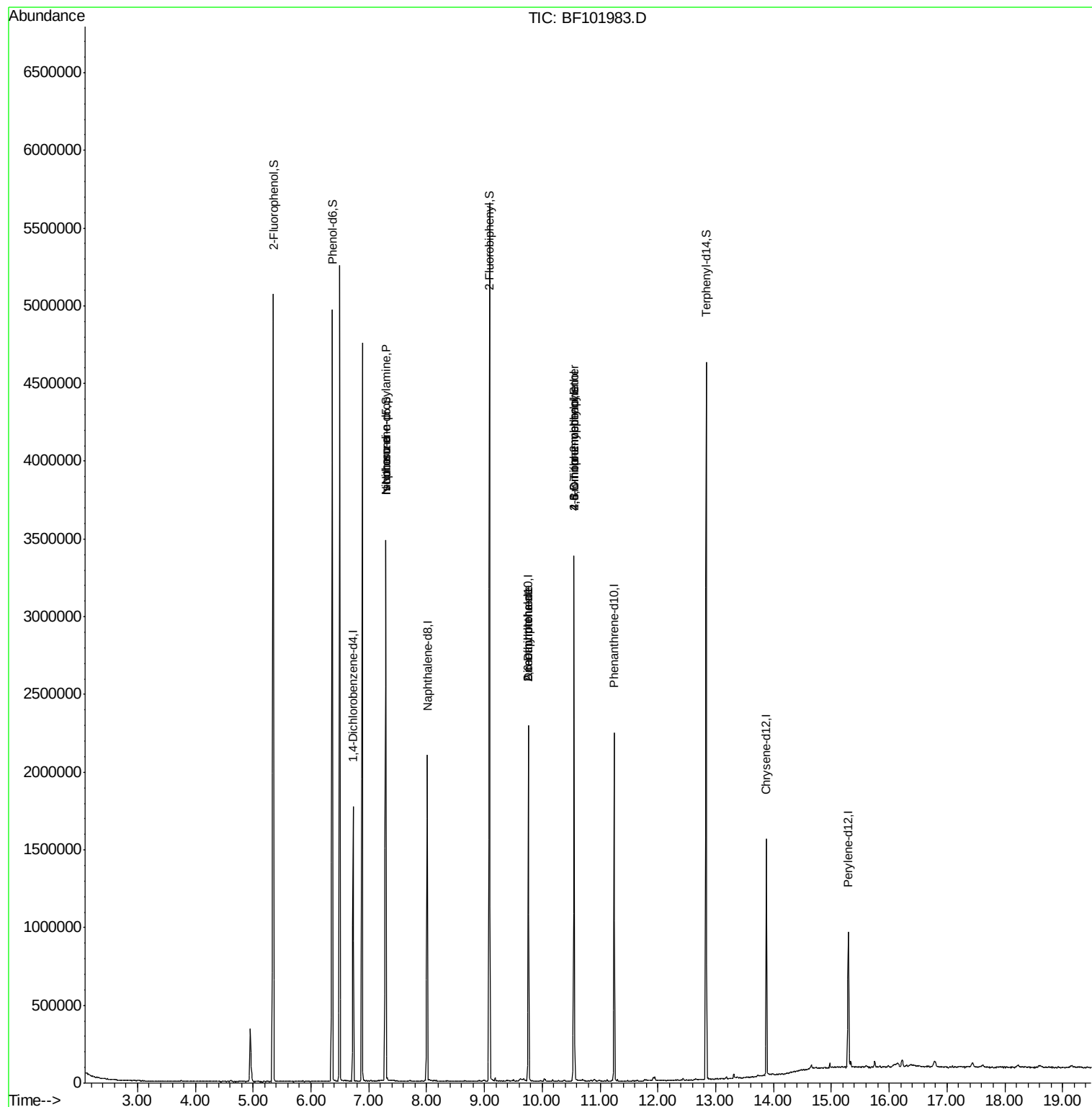
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	227576	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	938462	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	416932	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	725194	20.00	ng	0.00
75) Chrysene-d12	13.87	240	500768	20.00	ng	0.00
86) Perylene-d12	15.29	264	370390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1690656	104.90	ng	0.03
7) Phenol-d6	6.37	99	2032967	105.73	ng	0.02
23) Nitrobenzene-d5	7.29	82	1313778	82.27	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	412511	113.37	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2108401	79.00	ng	0.00
78) Terphenyl-d14	12.84	244	1834852	76.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	175544	13.931	ng	# 82
25) Isophorone	7.29	82	1311437	41.560	ng	# 64
49) Dimethylphthalate	9.76	163	116096	3.471	ng	# 1
50) 2,6-Dinitrotoluene	9.76	165	53092	7.947	ng	# 26
64) 4,6-Dinitro-2-methylphenol	10.55	198	981	5.882	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	26207	3.422	ng	# 1

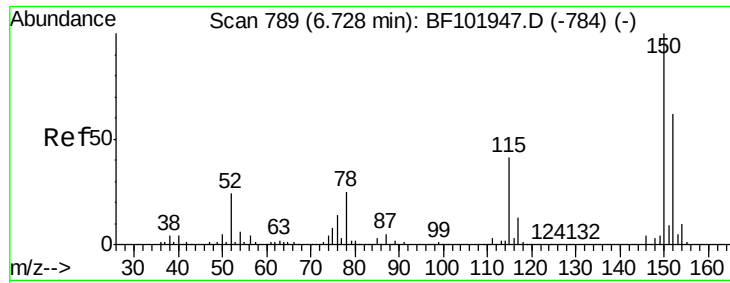
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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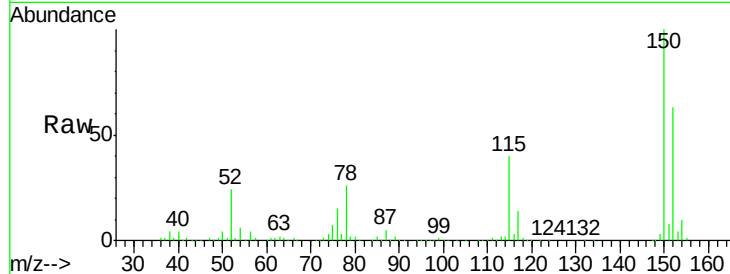


#1

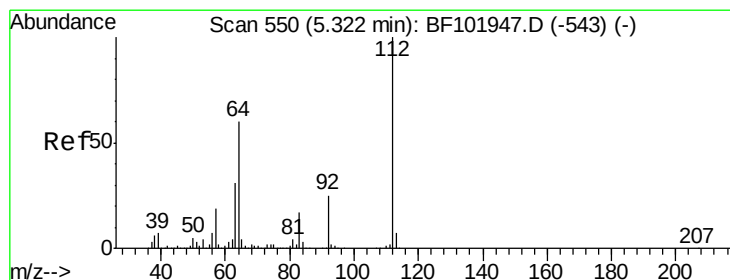
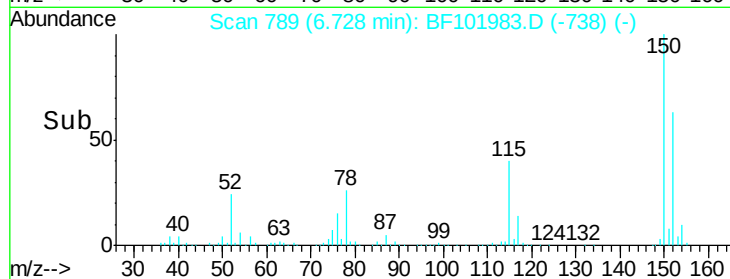
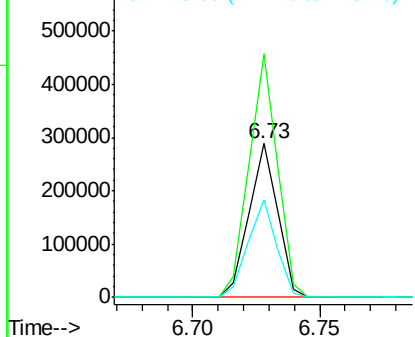
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101983.D
Acq: 10 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
PB105555BL

Tot Ion:152 Resp: 227576
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 63.3 50.1 75.1



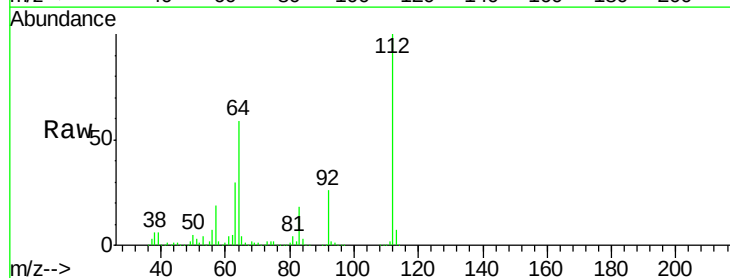
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



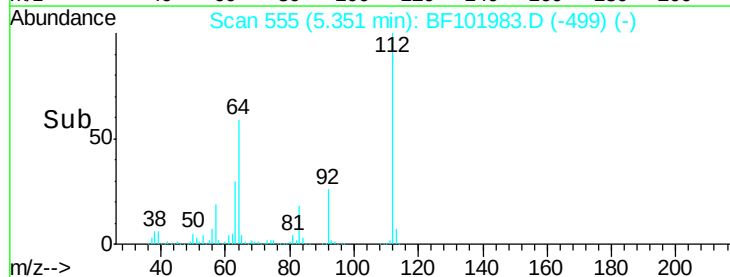
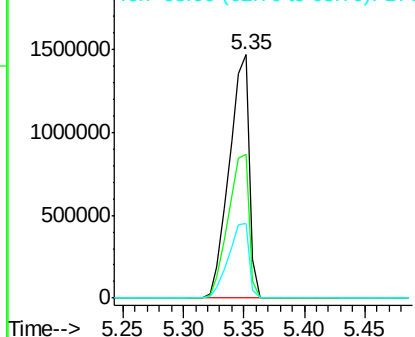
#5

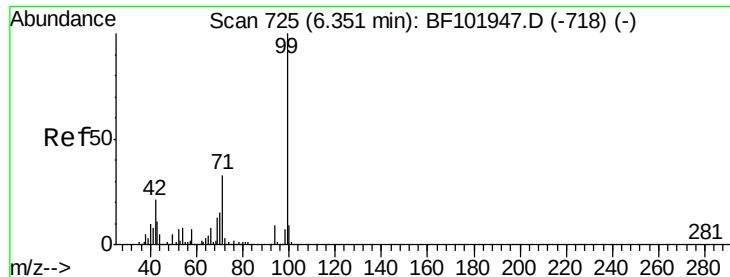
2-Fluorophenol
Concen: 104.903 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.03 min
Lab File: BF101983.D
Acq: 10 Jan 2018 17:15

Tgt Ion:112 Resp: 1690656
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 30.5 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: 105.727 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.02 min

Lab File: BF101983.D

Acq: 10 Jan 2018 17:15

Instrument :

BNA_F

ClientSampleId :

PB105555BL

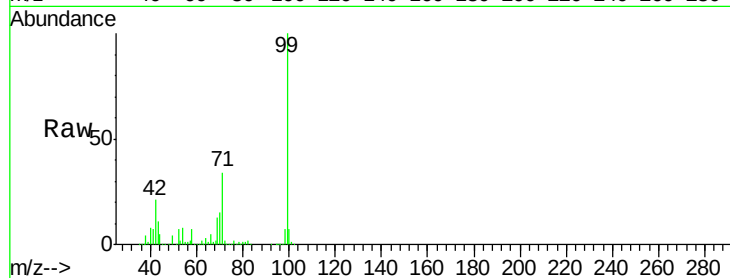
Tot Ion: 99 Resp: 2032967

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

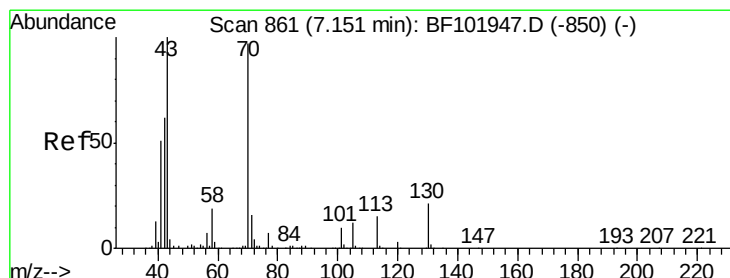
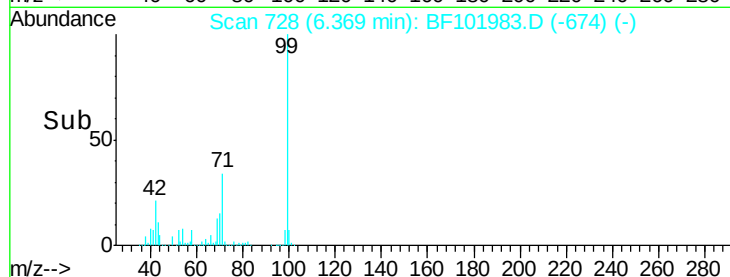
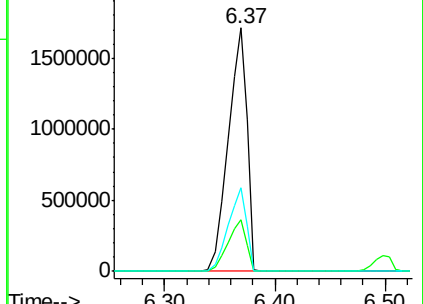
71 34.1 25.4 38.0



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: 13.931 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF101983.D

Acq: 10 Jan 2018 17:15

Tgt Ion: 70 Resp: 175544

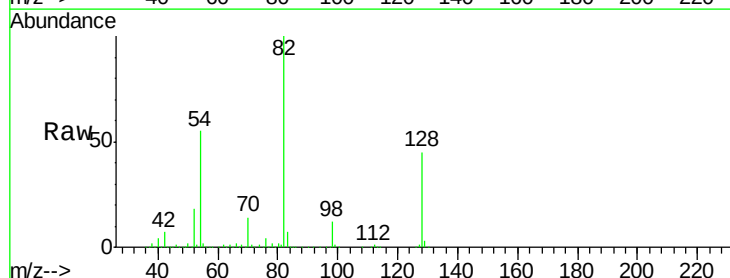
Ion Ratio Lower Upper

70 100

42 52.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

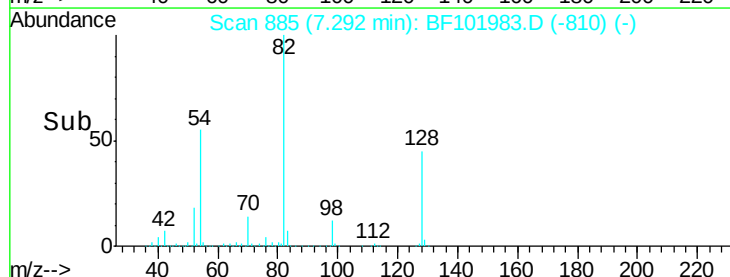
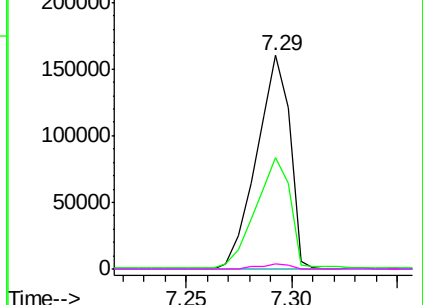


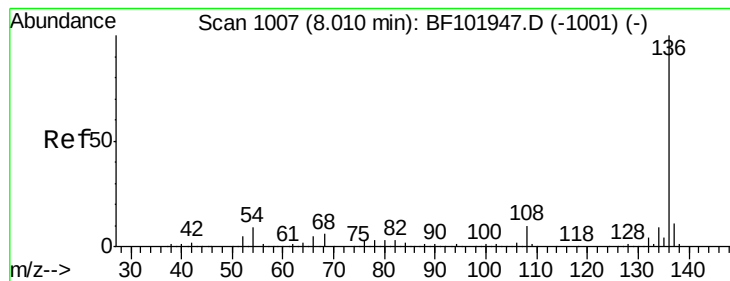
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF101983.D

Acq: 10 Jan 2018 17:15

Instrument :

BNA_F

ClientSampleId :

PB105555BL

Tot Ion:136 Resp: 938462

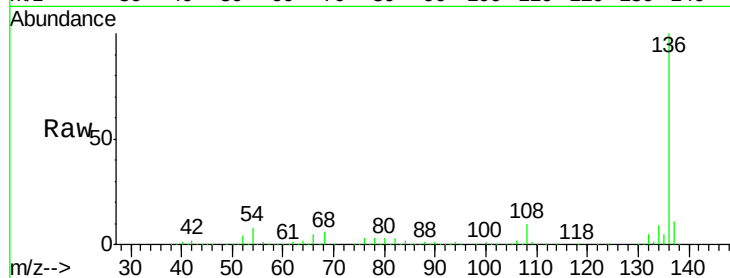
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.5 6.6 9.8

68 6.0 5.0 7.4

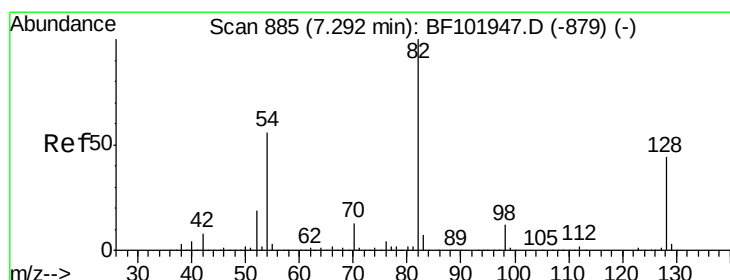
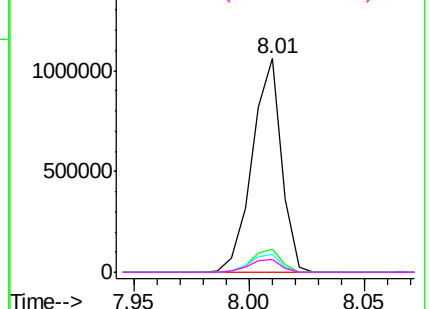
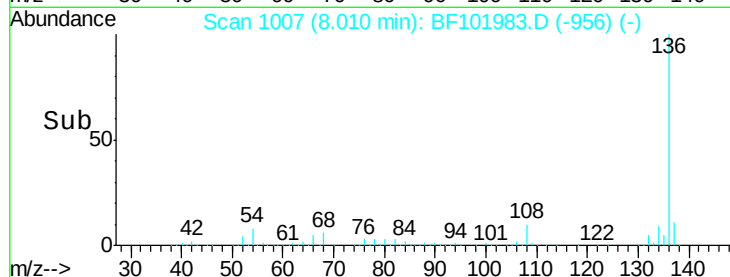


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.265 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF101983.D

Acq: 10 Jan 2018 17:15

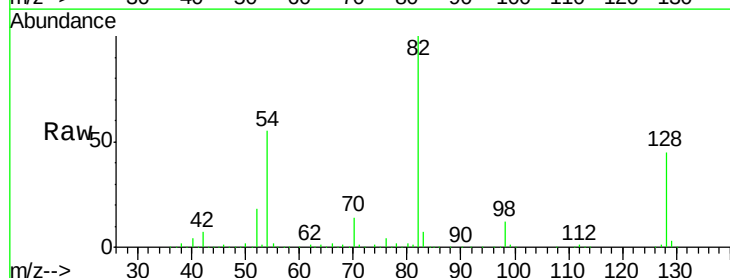
Tgt Ion: 82 Resp: 1313778

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

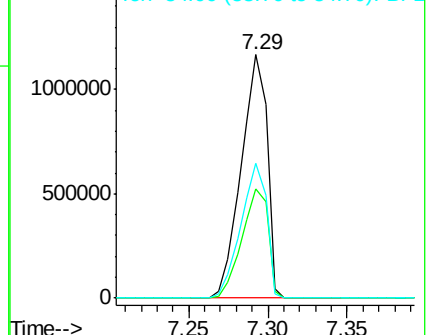
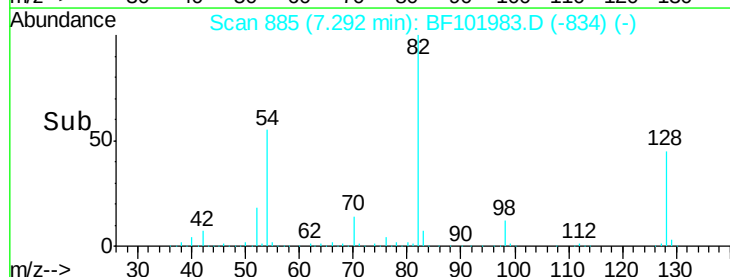
54 55.5 41.4 62.2

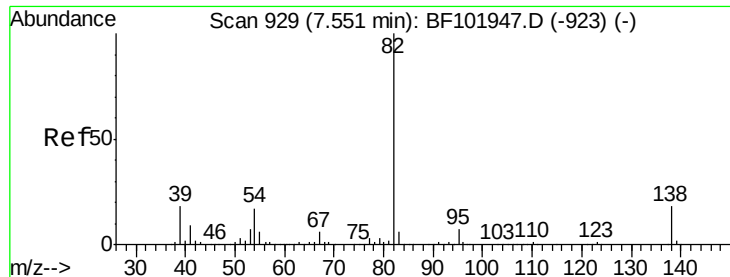


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.560 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF101983.D

Acq: 10 Jan 2018 17:15

Instrument :

BNA_F

ClientSampleId :

PB105555BL

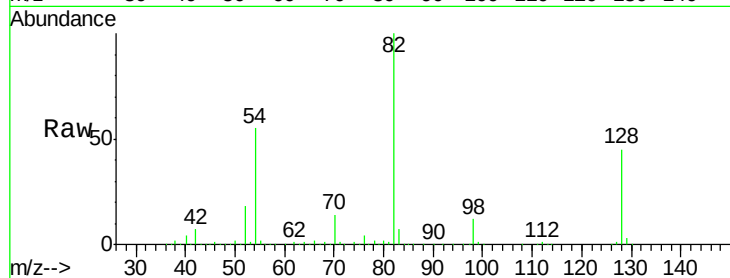
Tot Ion: 82 Resp: 1311437

Ion Ratio Lower Upper

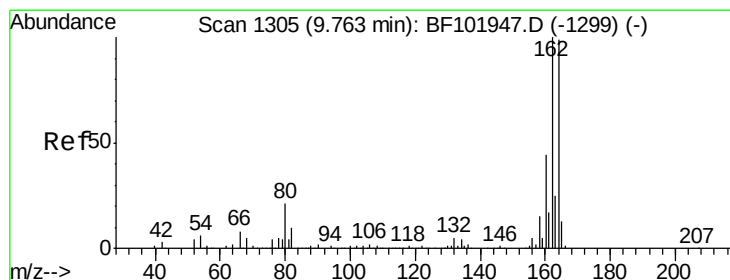
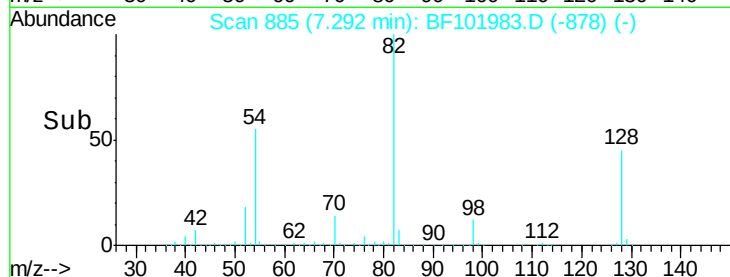
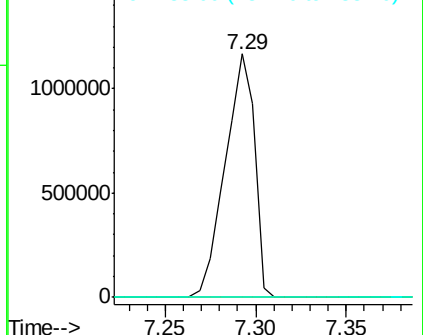
82 100

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: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF101983.D

Acq: 10 Jan 2018 17:15

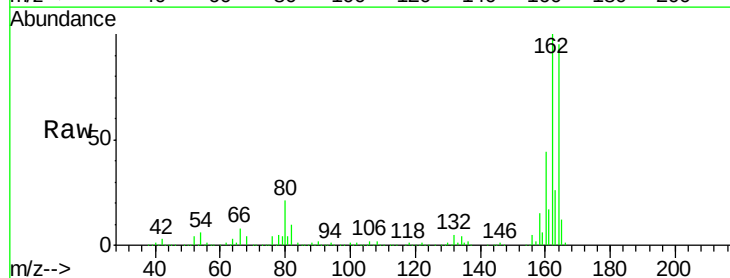
Tgt Ion:164 Resp: 416932

Ion Ratio Lower Upper

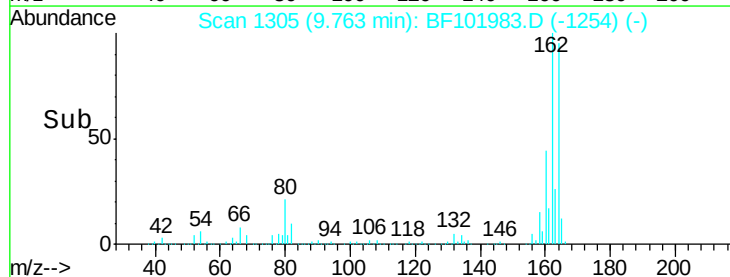
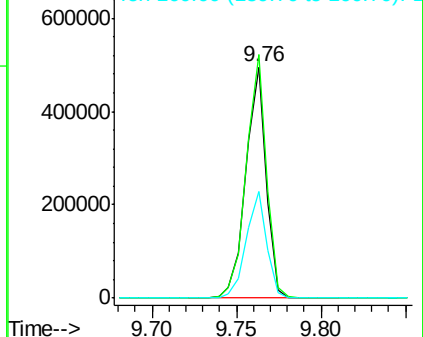
164 100

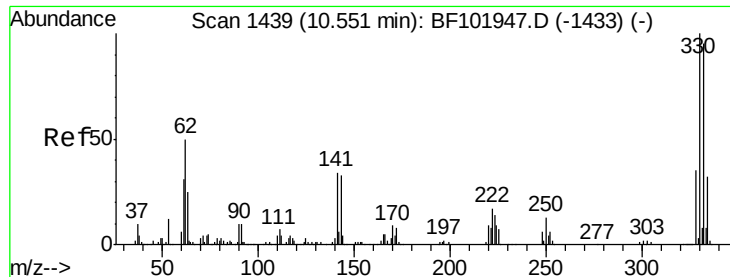
162 105.3 86.1 129.1

160 46.3 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

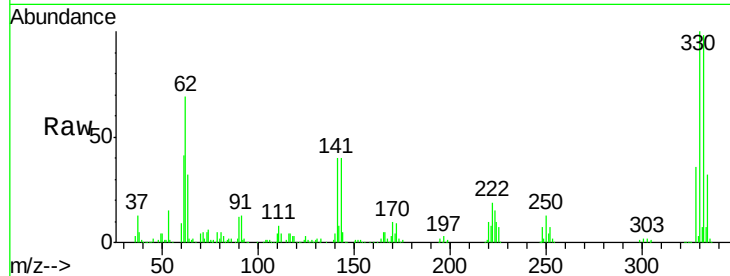




#41
 2,4,6-Tribromophenol
 Concen: 113.374 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF101983.D
 Acq: 10 Jan 2018 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB105555BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	39.0	29.9	44.9

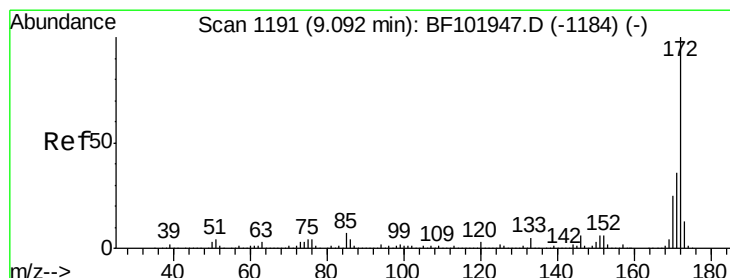
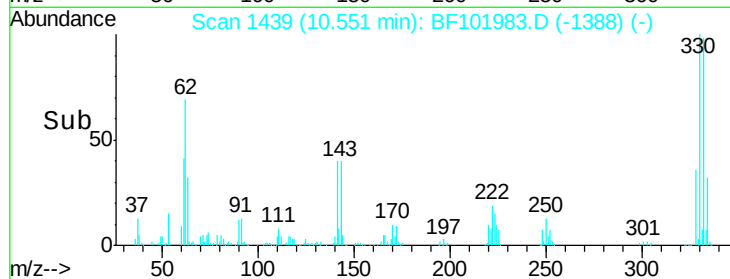
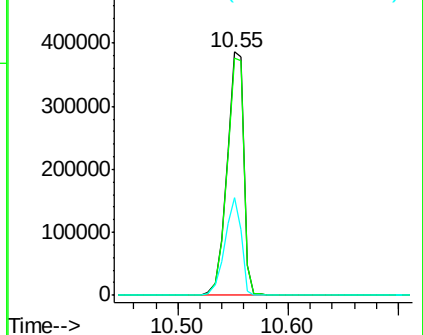


Abundance

Ion 329.80 (329.50 to 330.50): E

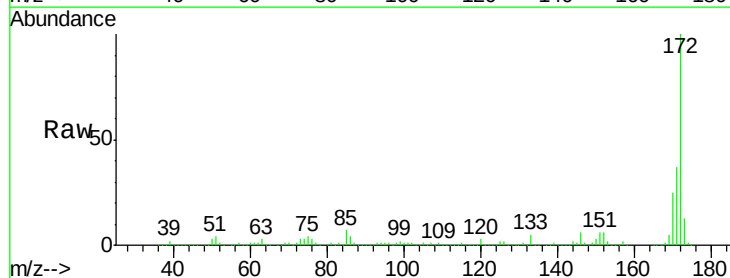
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.003 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF101983.D
 Acq: 10 Jan 2018 17:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.7	19.6	29.4

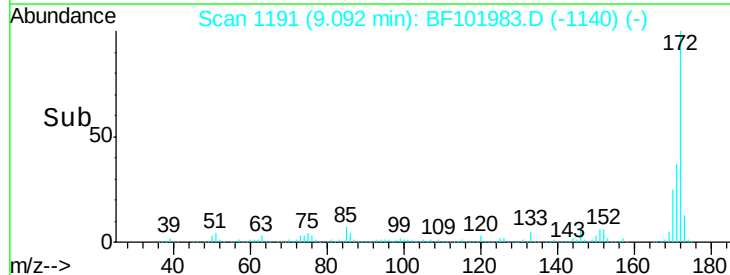
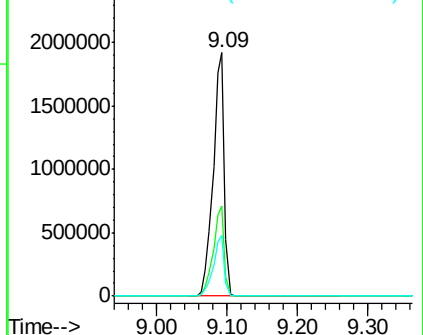


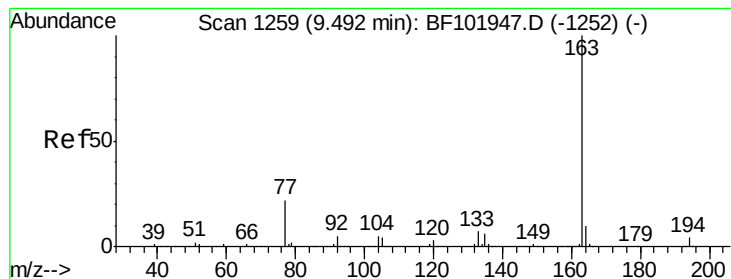
Abundance

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: 3.471 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.27 min

Lab File: BF101983.D

Acq: 10 Jan 2018 17:15

Instrument :

BNA_F

ClientSampleId :

PB105555BL

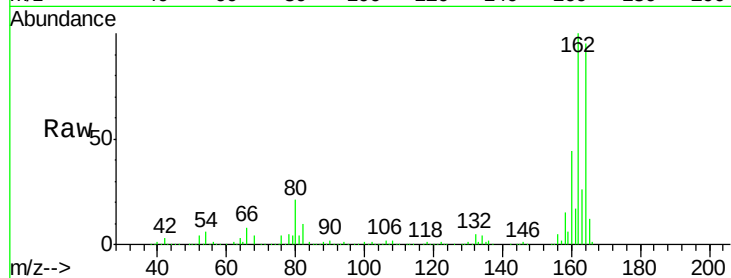
Tot Ion:163 Resp: 116096

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

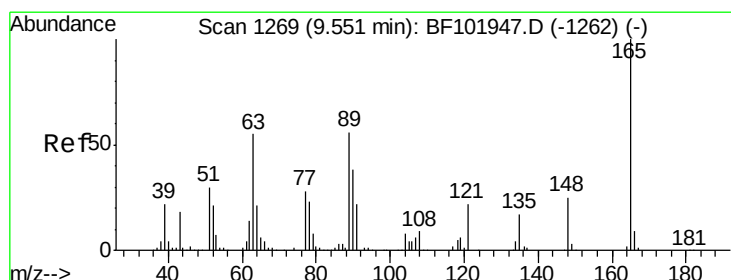
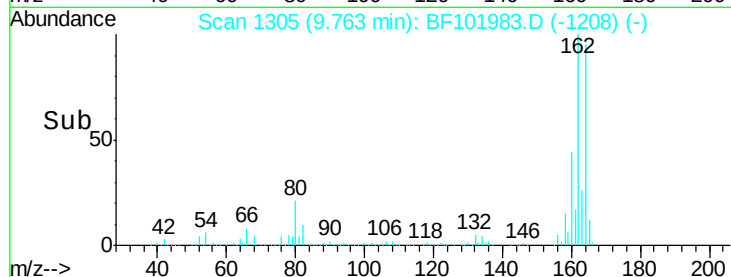
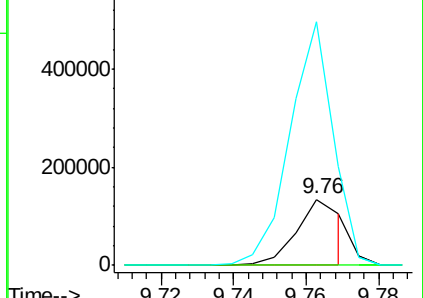
164 369.5 8.2 12.2#



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: 7.947 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.21 min

Lab File: BF101983.D

Acq: 10 Jan 2018 17:15

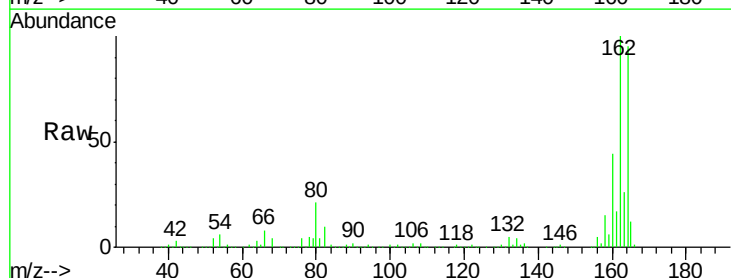
Tgt Ion:165 Resp: 53092

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

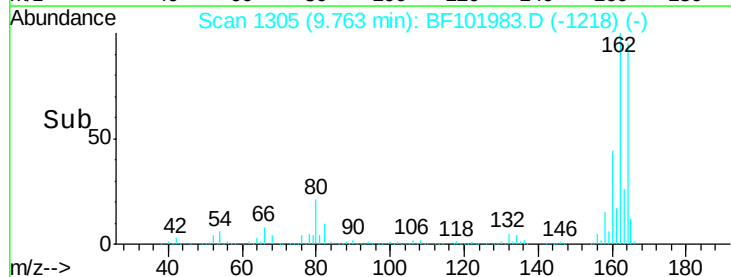
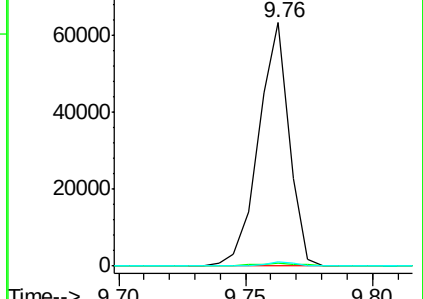
89 1.6 44.0 66.0#

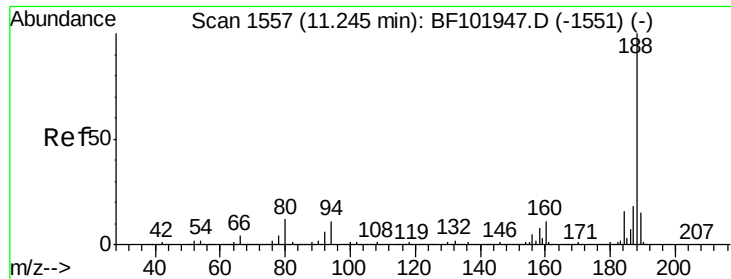


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

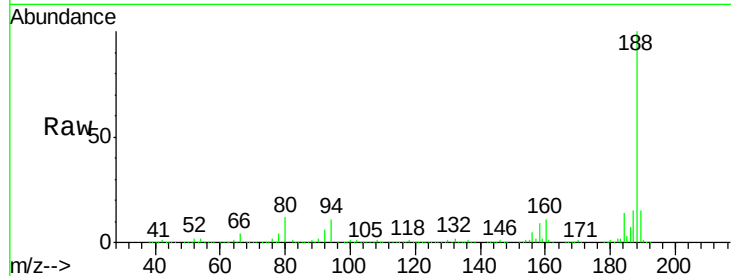




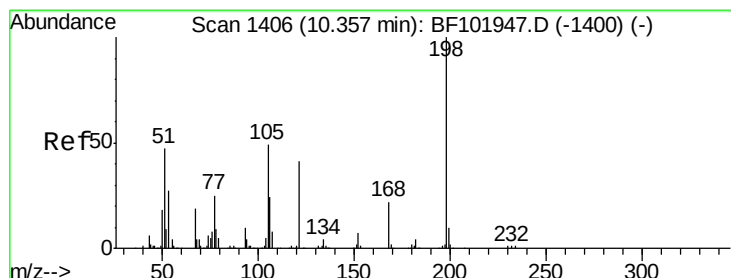
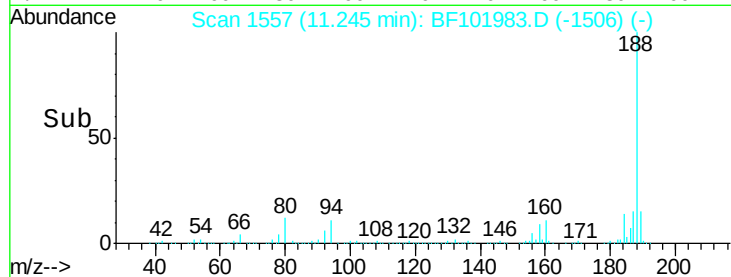
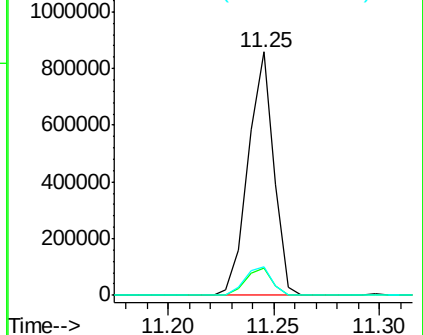
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF101983.D
Acq: 10 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
PB105555BL

Tot Ion:188 Resp: 725194
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.8 9.2 13.8

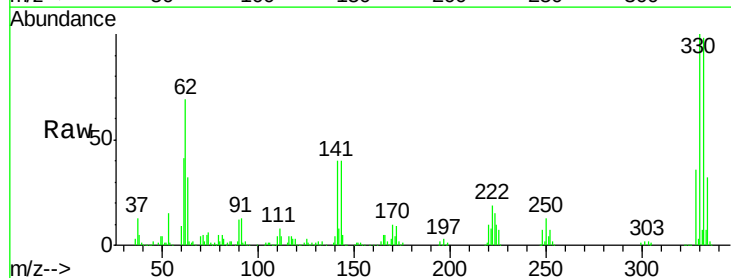


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

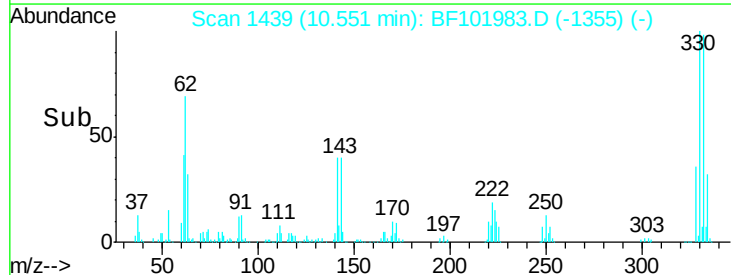
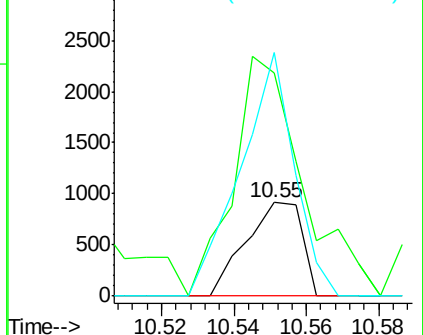


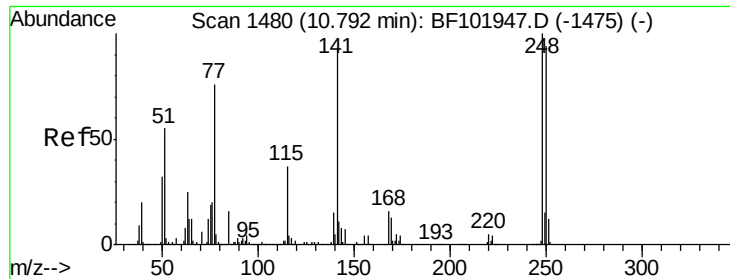
#64
4,6-Dinitro-2-methylphenol
Concen: 5.882 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF101983.D
Acq: 10 Jan 2018 17:15

Tgt Ion:198 Resp: 981
Ion Ratio Lower Upper
198 100
51 239.6 37.7 77.7#
105 260.8 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: 3.422 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF101983.D

Acq: 10 Jan 2018 17:15

Instrument :

BNA_F

ClientSampleId :

PB105555BL

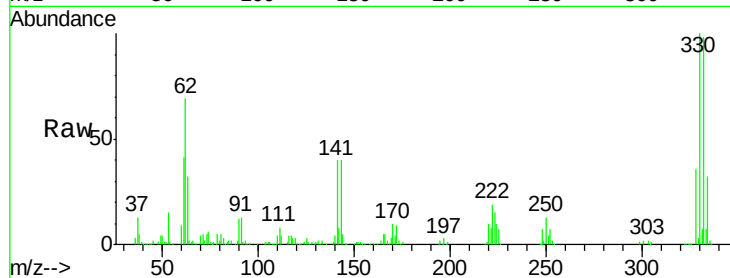
Tot Ion:248 Resp: 26207

Ion Ratio Lower Upper

248 100

250 202.4 76.9 115.3#

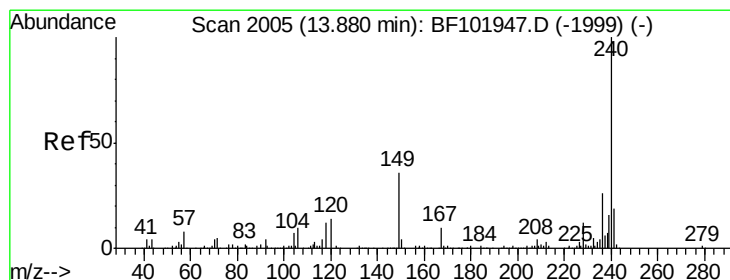
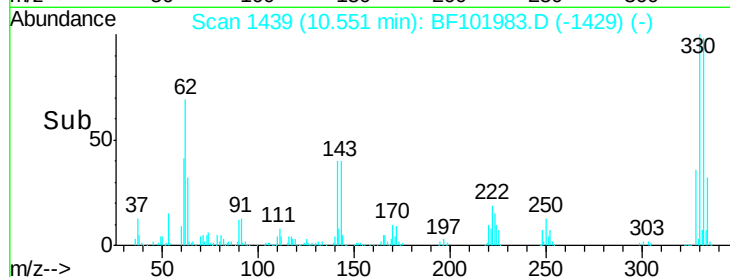
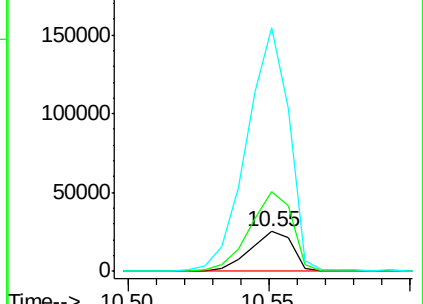
141 613.8 74.4 111.6#



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: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF101983.D

Acq: 10 Jan 2018 17:15

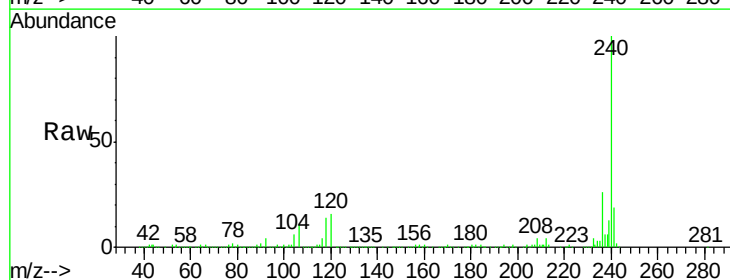
Tgt Ion:240 Resp: 500768

Ion Ratio Lower Upper

240 100

120 16.1 9.5 14.3#

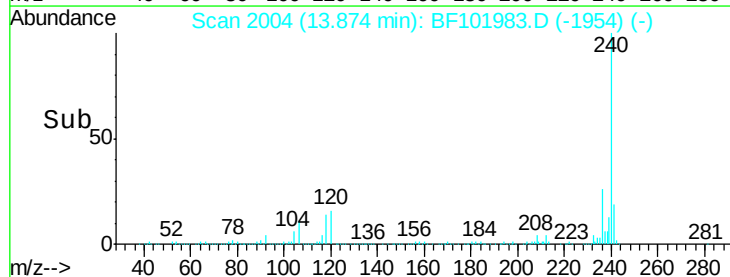
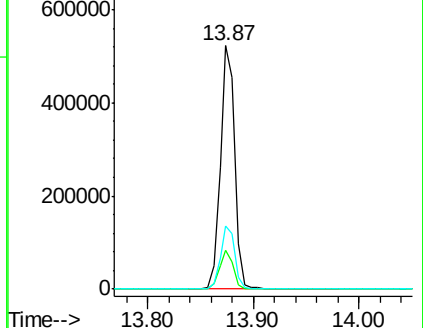
236 26.2 20.7 31.1

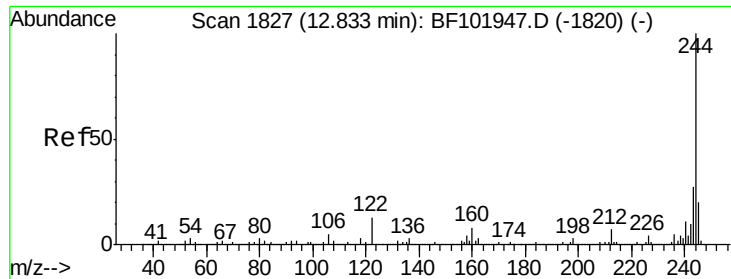


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.076 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF101983.D

Acq: 10 Jan 2018 17:15

Instrument :

BNA_F

ClientSampleId :

PB105555BL

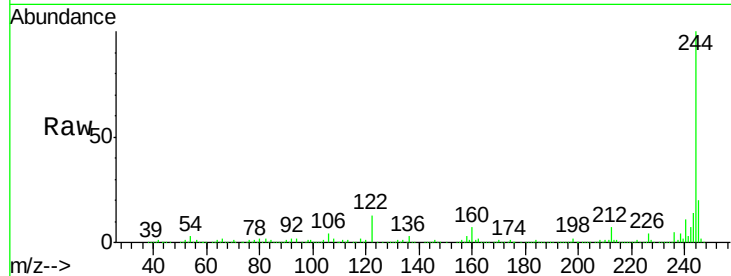
Tot Ion:244 Resp: 1834852

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

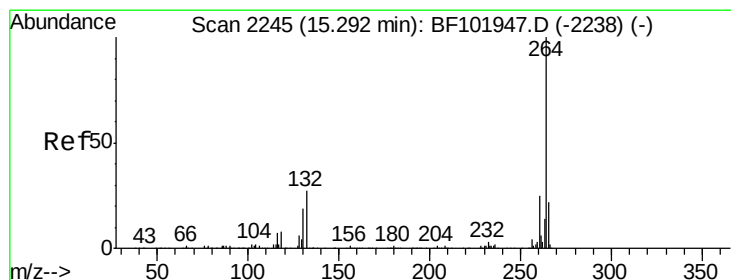
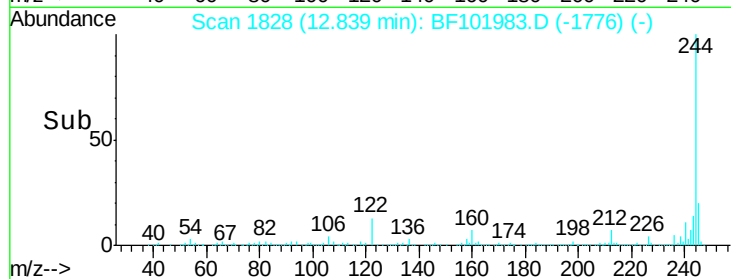
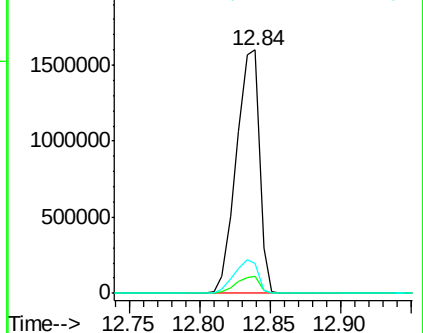
122 12.5 11.0 16.4



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: 15.29 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BF101983.D

Acq: 10 Jan 2018 17:15

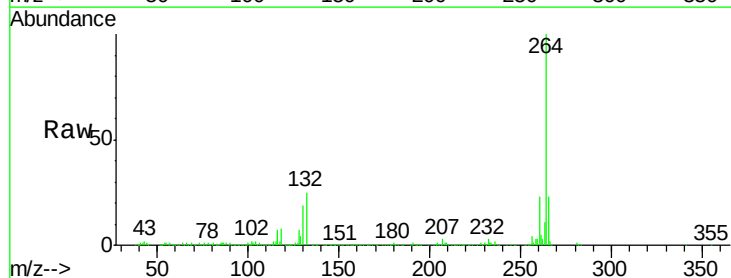
Tgt Ion:264 Resp: 370390

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 22.9 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

