

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011118\
 Data File : BF102020.D
 Acq On : 11 Jan 2018 16:05
 Operator : SJ/JU
 Sample : PB105579BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105579BL

Quant Time: Jan 11 16:36:59 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

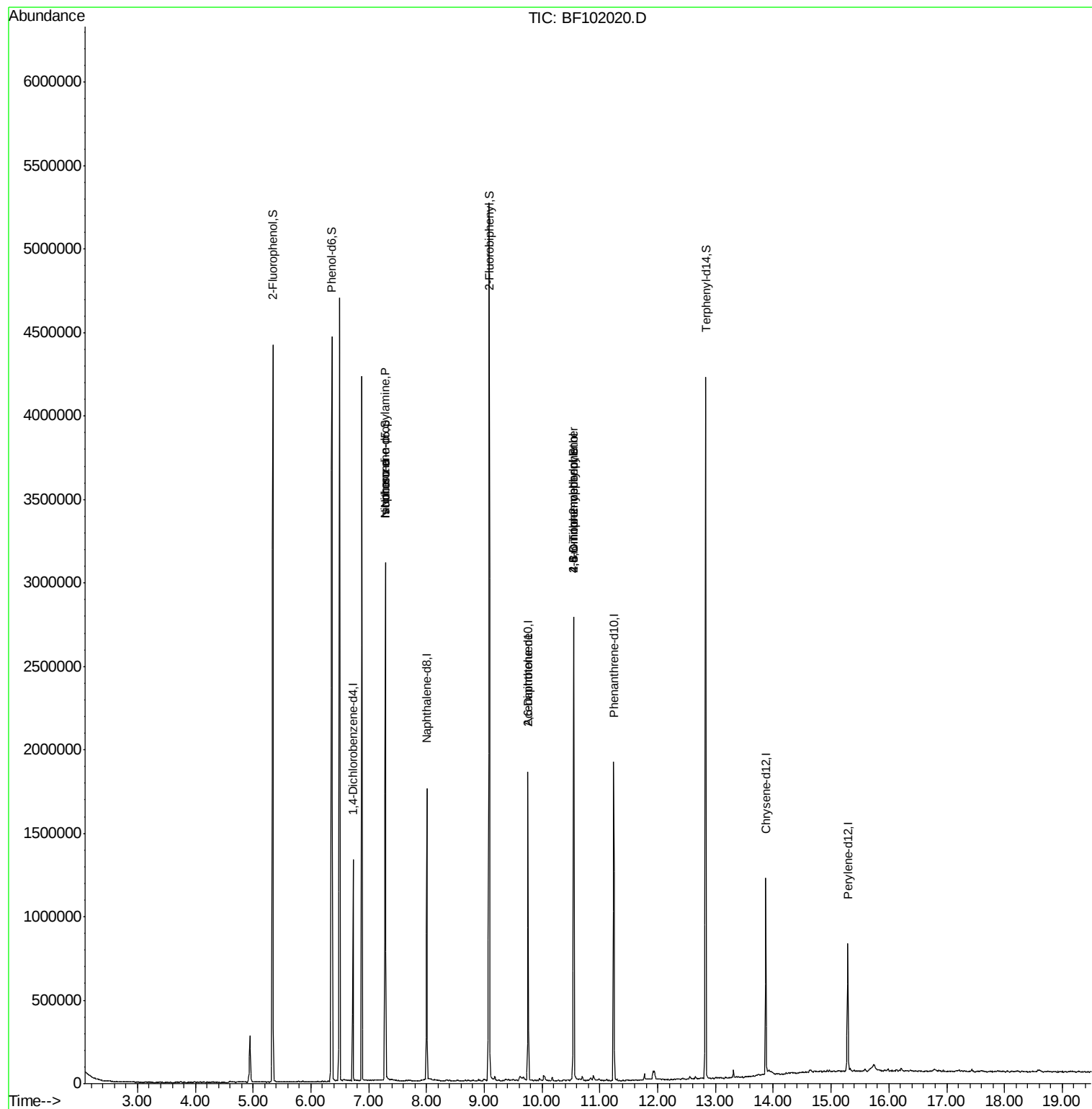
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	197521	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	813225	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	361868	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	607691	20.00	ng	0.00
75) Chrysene-d12	13.87	240	391623	20.00	ng	-0.01
86) Perylene-d12	15.29	264	312993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1466433	104.84	ng	0.02
7) Phenol-d6	6.36	99	1709869	102.45	ng	0.01
23) Nitrobenzene-d5	7.29	82	1109885	80.20	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	358919	113.65	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1870146	80.74	ng	0.00
78) Terphenyl-d14	12.83	244	1551288	82.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	150870	13.795	ng	# 81
25) Isophorone	7.29	82	1109866	40.589	ng	# 64
50) 2,6-Dinitrotoluene	9.76	165	45696	7.880	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.54	198	864	5.893	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	22940	3.575	ng	# 1

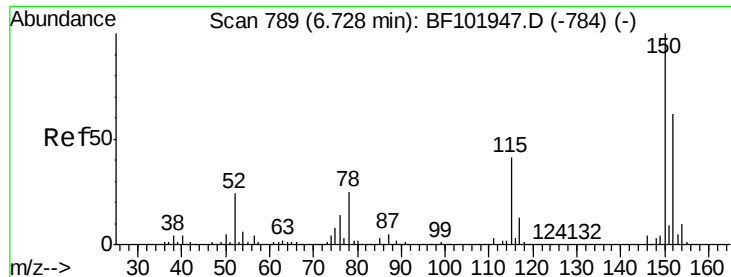
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011118\
Data File : BF102020.D
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Operator : SJ/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
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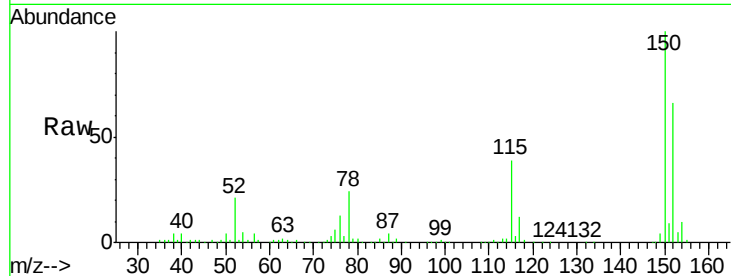


#1

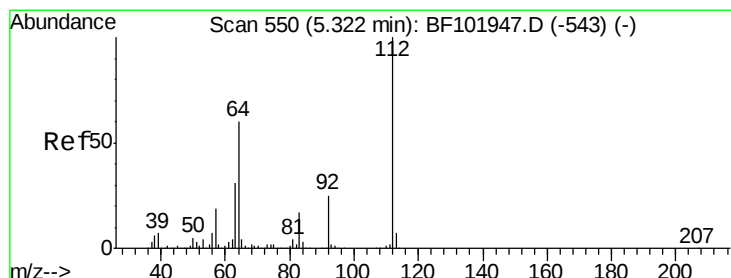
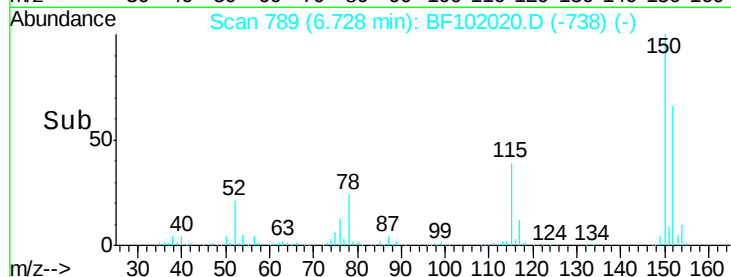
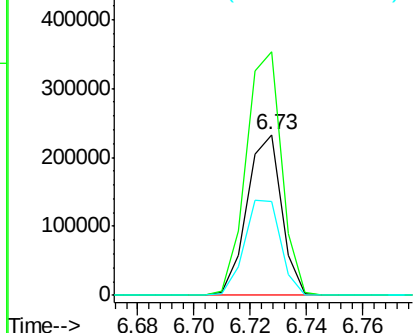
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF102020.D
Acq: 11 Jan 2018 16:05

Instrument :
BNA_F
ClientSampleId :
PB105579BL

Tgt Ion:152 Resp: 197521
Ion Ratio Lower Upper
152 100
150 151.5 124.6 186.8
115 58.5 50.1 75.1



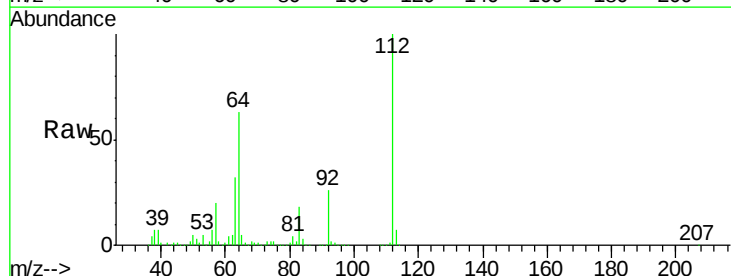
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



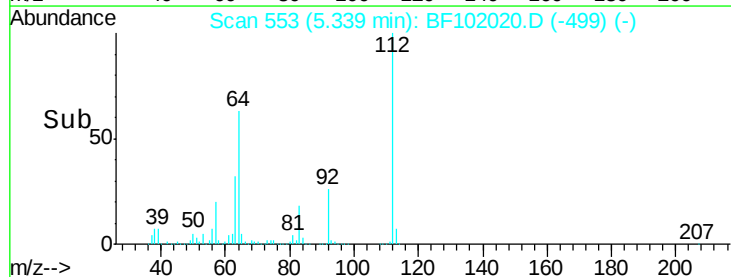
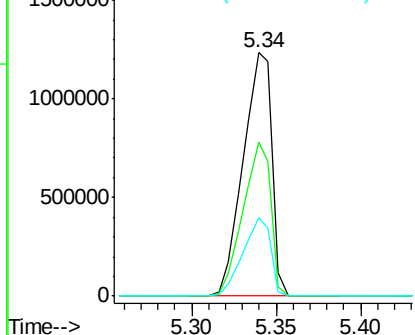
#5

2-Fluorophenol
Concen: 104.836 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102020.D
Acq: 11 Jan 2018 16:05

Tgt Ion:112 Resp: 1466433
Ion Ratio Lower Upper
112 100
64 63.3 47.9 71.9
63 32.3 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: 102.455 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102020.D

Acq: 11 Jan 2018 16:05

Instrument :

BNA_F

ClientSampleId :

PB105579BL

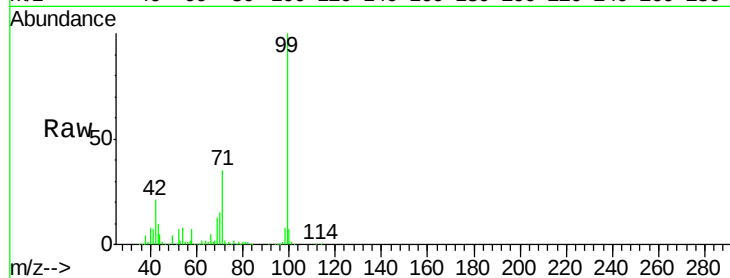
Tgt Ion: 99 Resp: 1709869

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

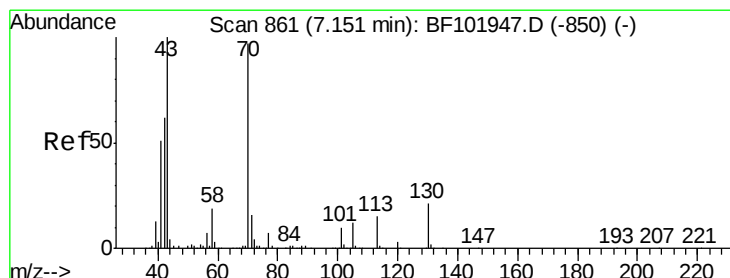
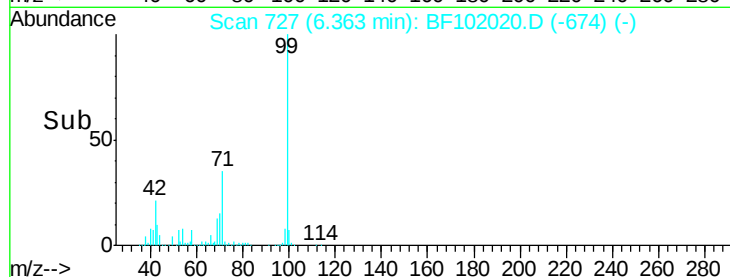
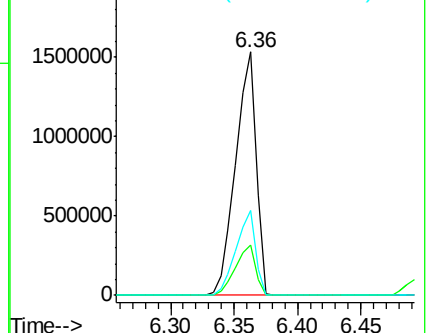
71 34.8 25.4 38.0



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: 13.795 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF102020.D

Acq: 11 Jan 2018 16:05

Tgt Ion: 70 Resp: 150870

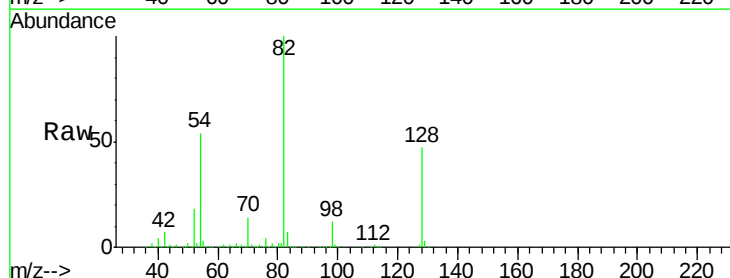
Ion Ratio Lower Upper

70 100

42 51.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

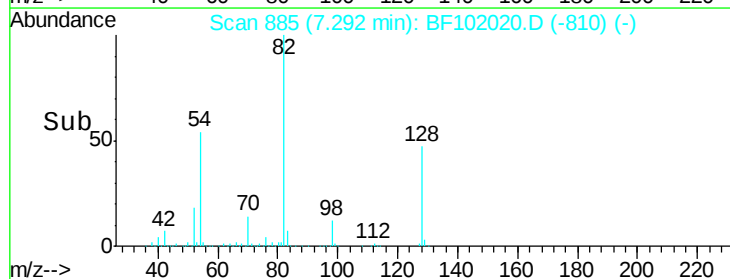
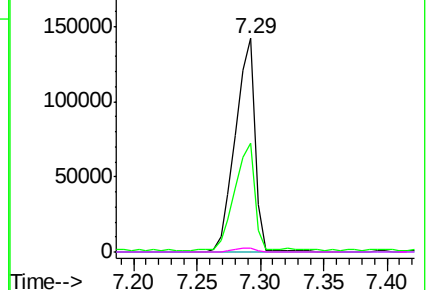


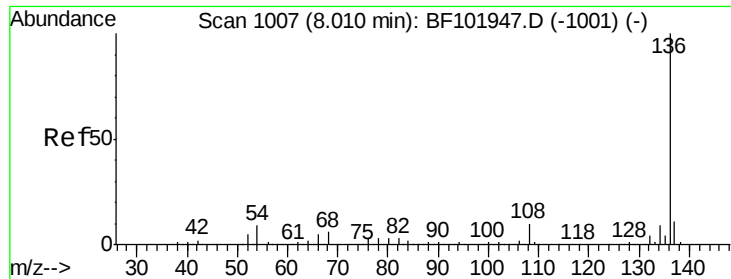
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

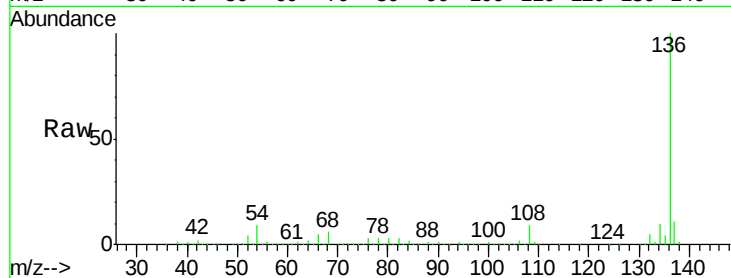




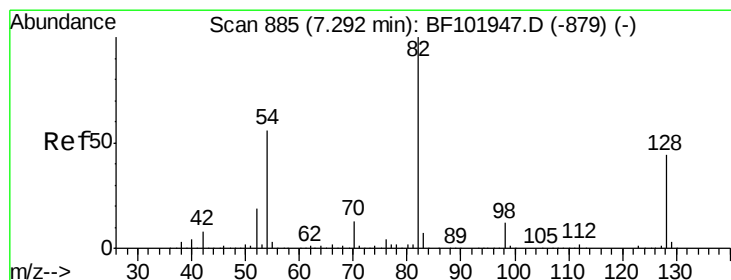
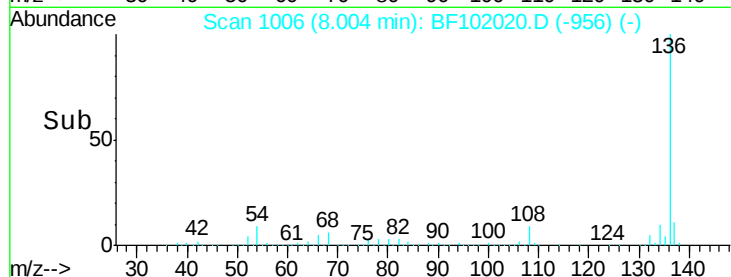
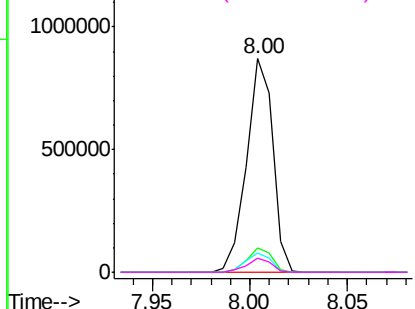
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102020.D
Acq: 11 Jan 2018 16:05

Instrument :
BNA_F
ClientSampleId :
PB105579BL

Tgt Ion:	136	Resp:	813225
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.9	6.6	9.8
68	6.4	5.0	7.4

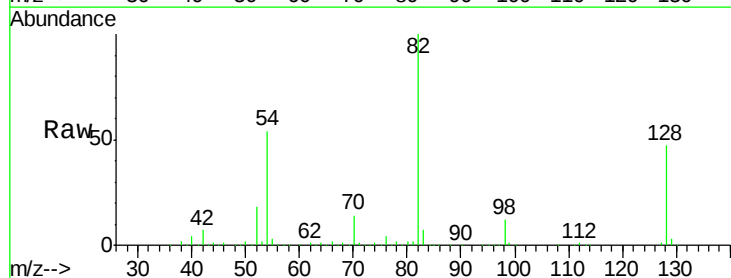


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

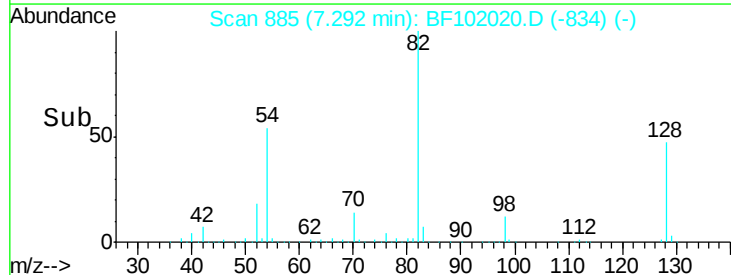
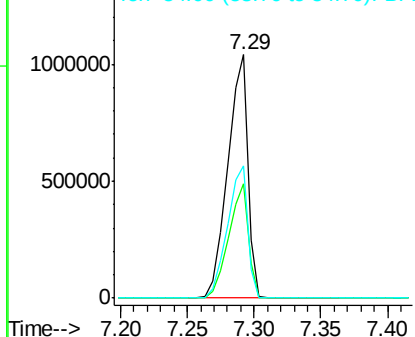


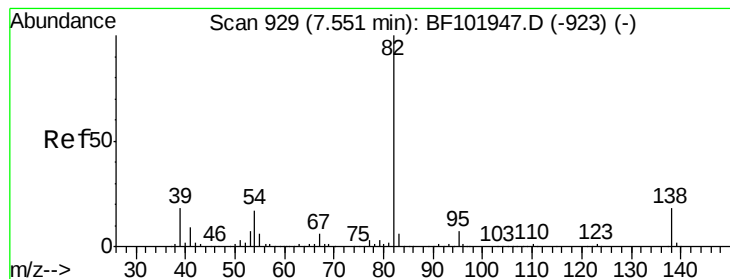
#23
Nitrobenzene-d5
Concen: 80.201 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF102020.D
Acq: 11 Jan 2018 16:05

Tgt Ion:	82	Resp:	1109885
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	54.5	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: 40.589 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF102020.D

Acq: 11 Jan 2018 16:05

Instrument :

BNA_F

ClientSampleId :

PB105579BL

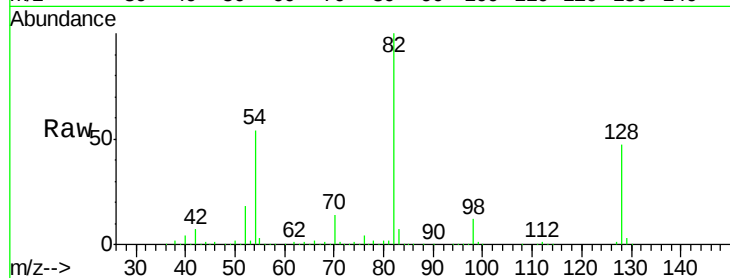
Tgt Ion: 82 Resp: 1109866

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

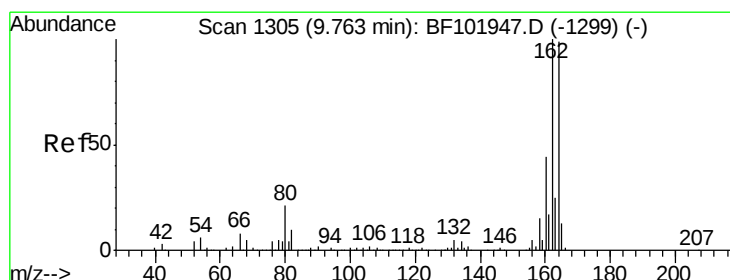
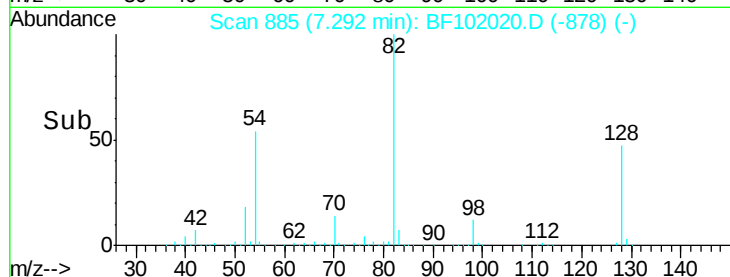
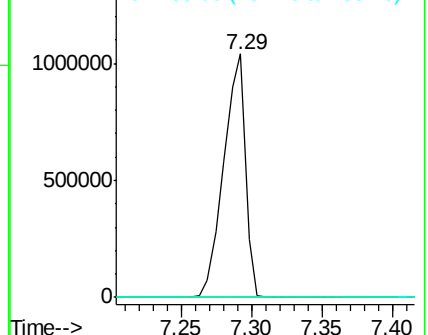
138 0.0 14.9 22.3#



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# 1304

Delta R.T. -0.01 min

Lab File: BF102020.D

Acq: 11 Jan 2018 16:05

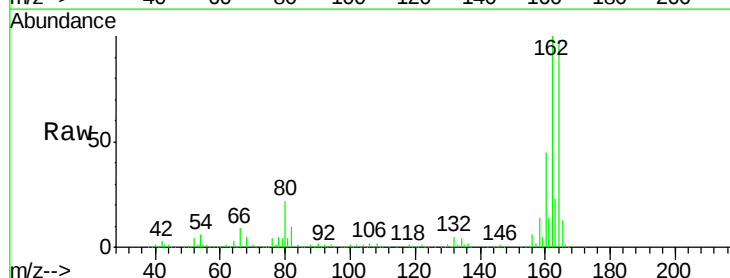
Tgt Ion: 164 Resp: 361868

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

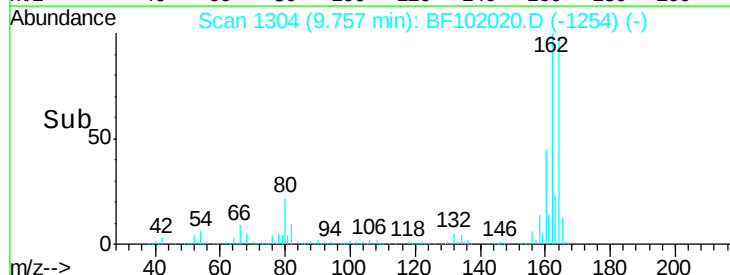
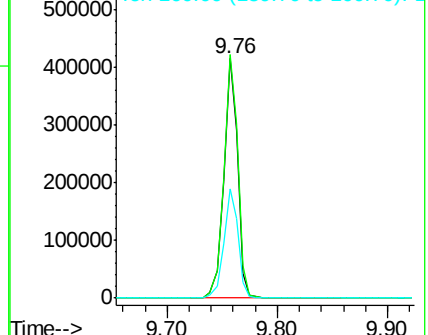
160 45.5 38.3 57.5

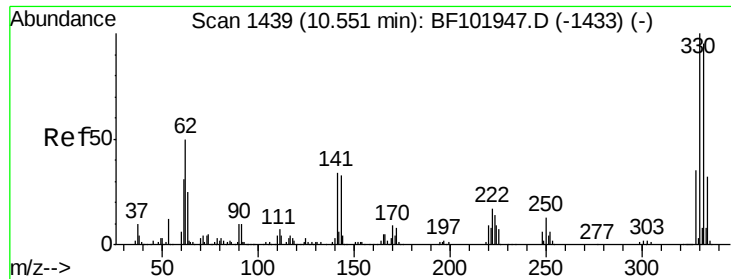


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

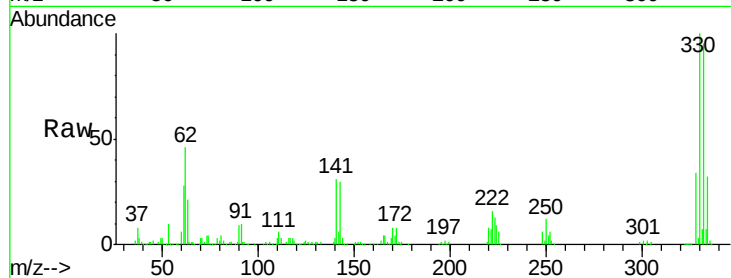




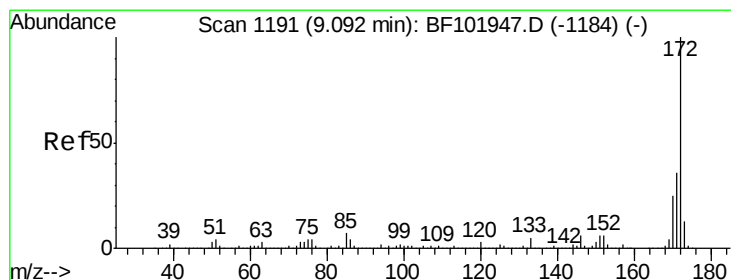
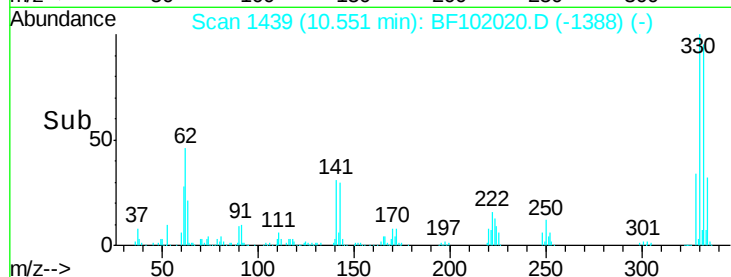
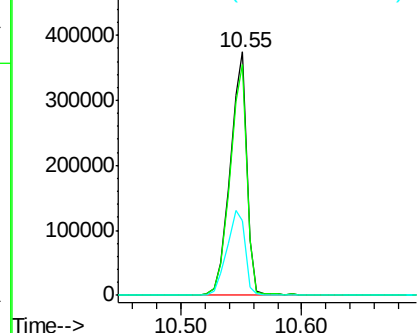
#41
 2,4,6-Tribromophenol
 Concen: 113.655 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF102020.D
 Acq: 11 Jan 2018 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB105579BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	38.0	29.9	44.9

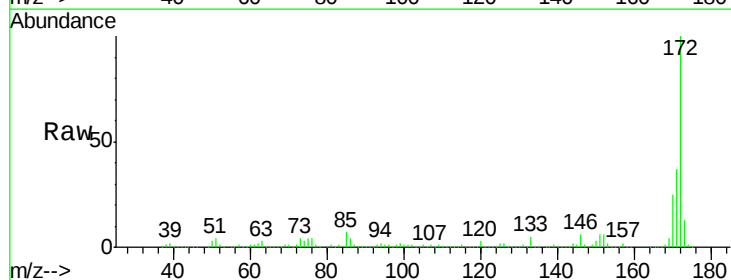


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

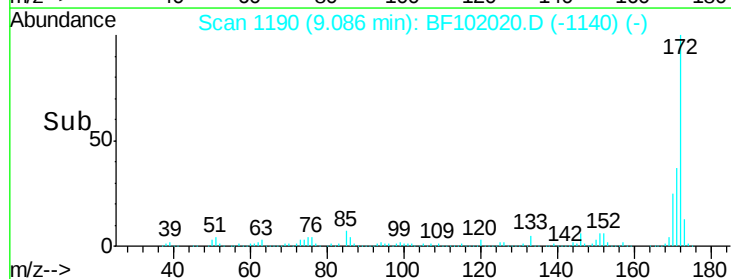
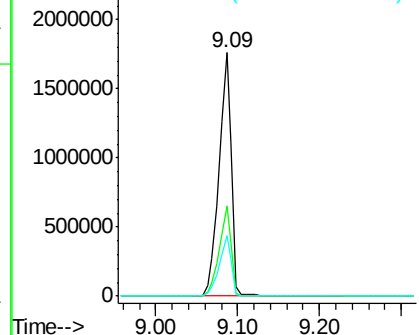


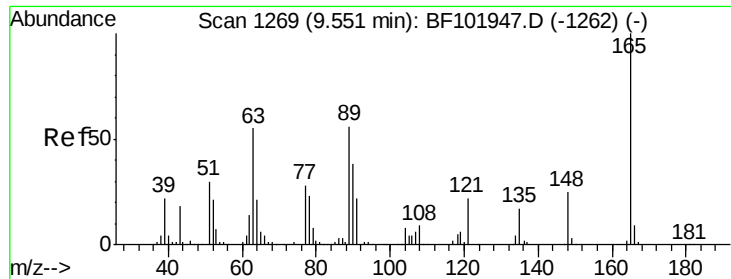
#44
 2-Fluorobiphenyl
 Concen: 80.739 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102020.D
 Acq: 11 Jan 2018 16:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.8	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

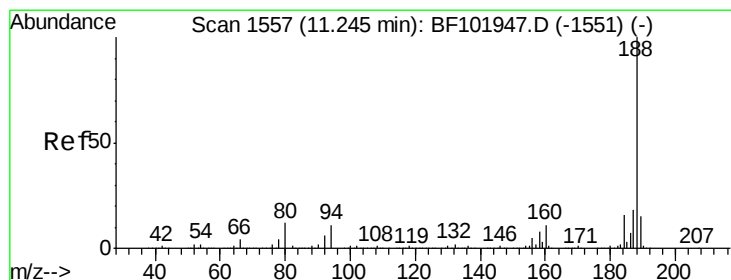
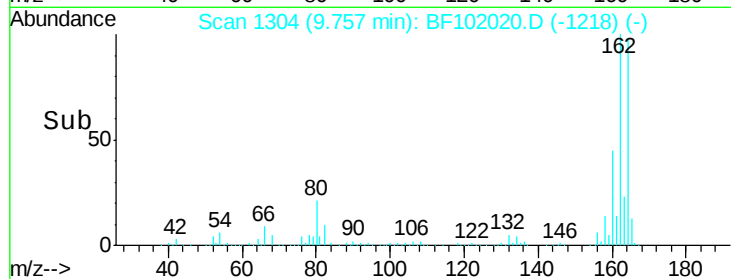
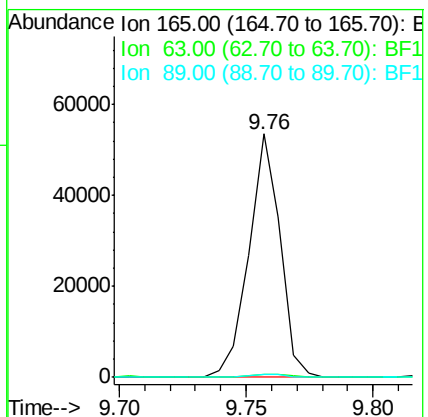
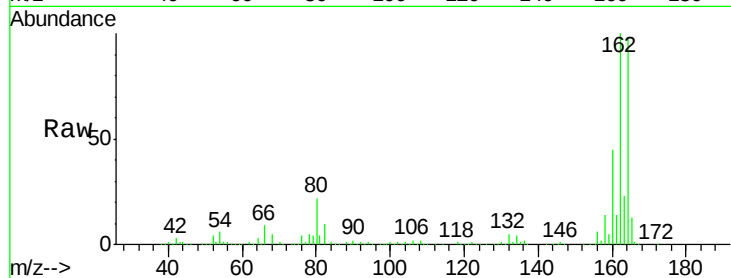




#50
2,6-Dinitrotoluene
Concen: 7.880 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF102020.D
Acq: 11 Jan 2018 16:05

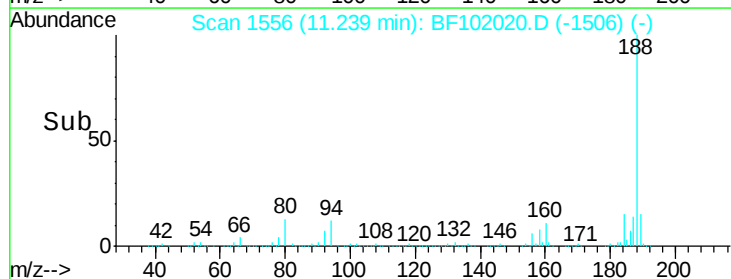
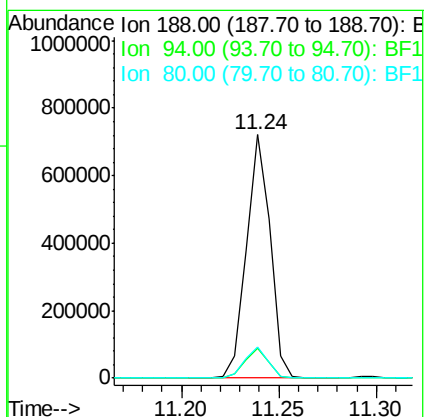
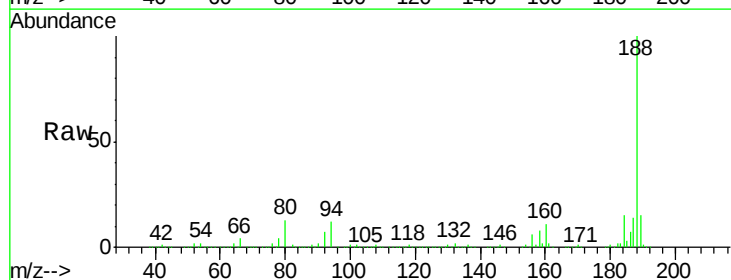
Instrument :
BNA_F
ClientSampleId :
PB105579BL

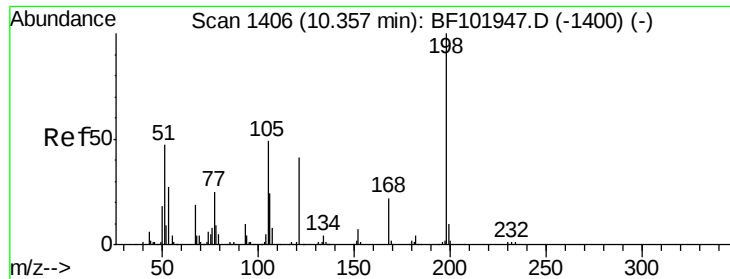
Tgt Ion:165 Resp: 45696
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.3 44.0 66.0#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102020.D
Acq: 11 Jan 2018 16:05

Tgt Ion:188 Resp: 607691
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 12.9 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 5.893 ng

RT: 10.54 min Scan# 1438

Delta R.T. 0.19 min

Lab File: BF102020.D

Acq: 11 Jan 2018 16:05

Instrument :

BNA_F

ClientSampleId :

PB105579BL

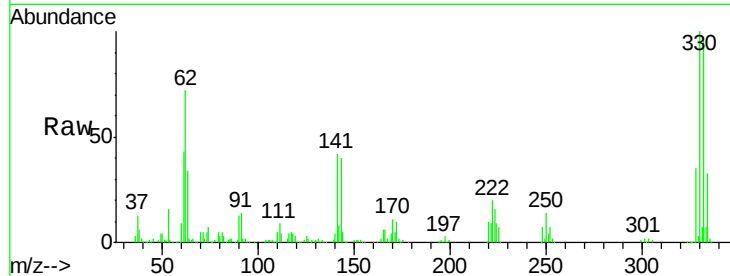
Tgt Ion:198 Resp: 864

Ion Ratio Lower Upper

198 100

51 141.5 37.7 77.7#

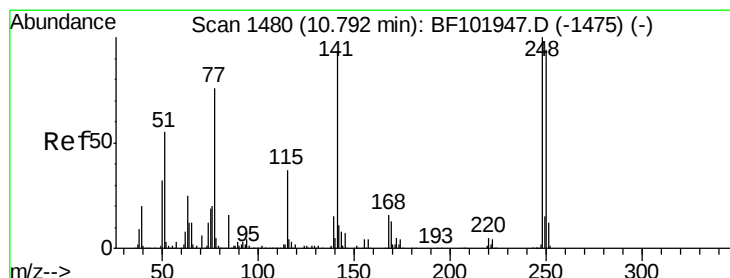
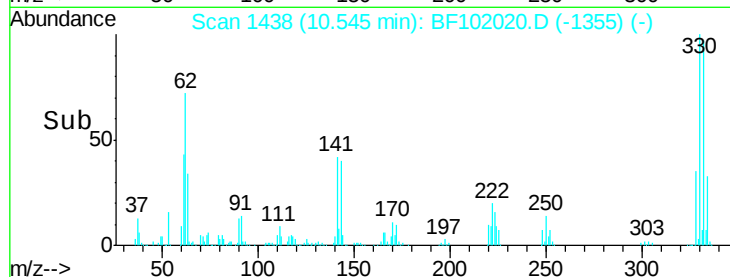
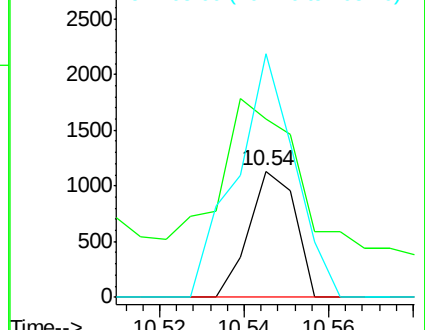
105 192.8 36.3 76.3#



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: 3.575 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF102020.D

Acq: 11 Jan 2018 16:05

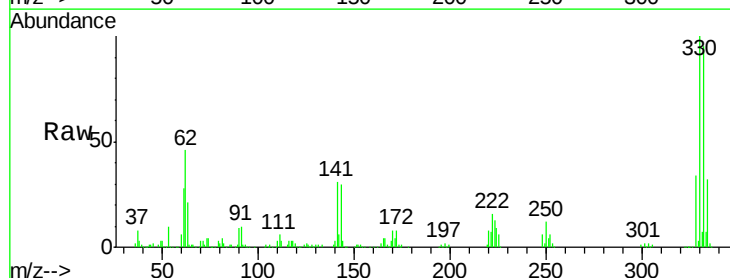
Tgt Ion:248 Resp: 22940

Ion Ratio Lower Upper

248 100

250 184.6 76.9 115.3#

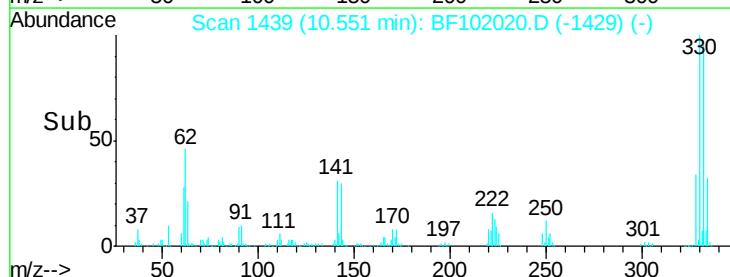
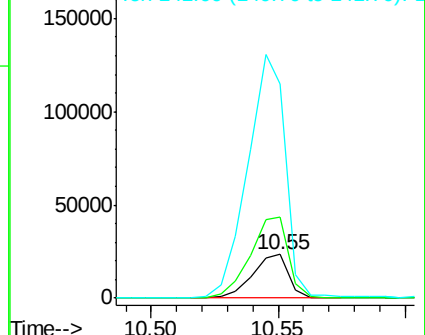
141 488.6 74.4 111.6#

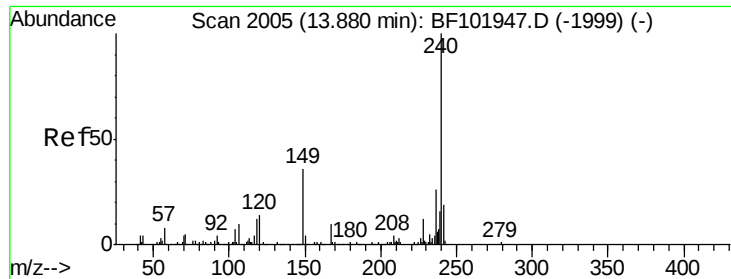


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102020.D

Acq: 11 Jan 2018 16:05

Instrument :

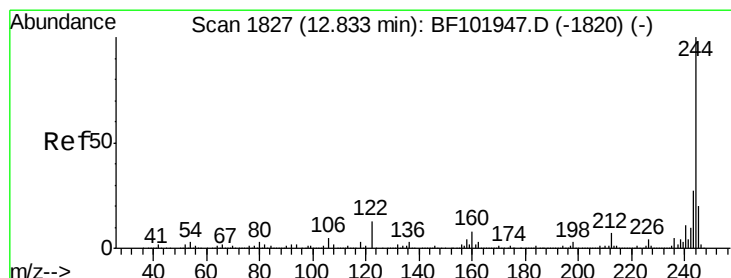
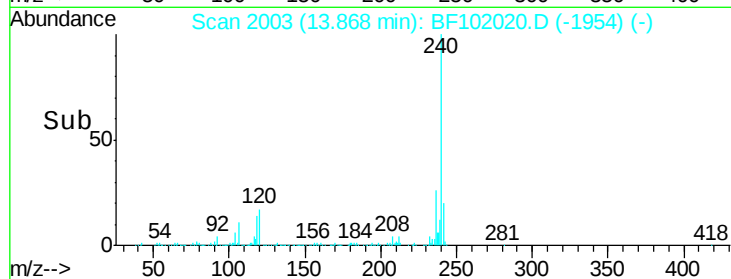
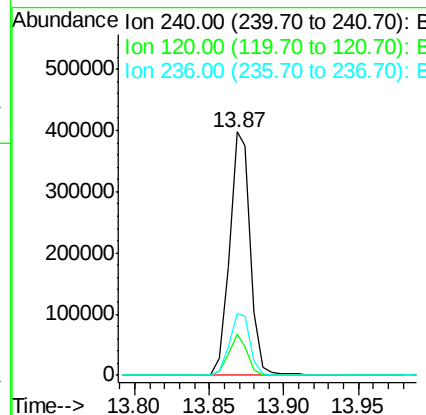
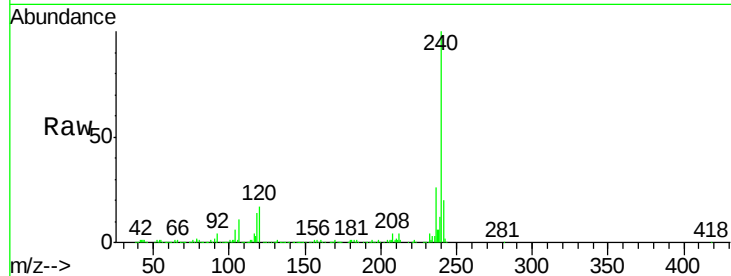
BNA_F

ClientSampleId :

PB105579BL

Tgt Ion:240 Resp: 391623

Ion	Ratio	Lower	Upper
240	100		
120	16.8	9.5	14.3#
236	25.7	20.7	31.1



#78

Terphenyl-d14

Concen: 82.244 ng

RT: 12.83 min Scan# 1827

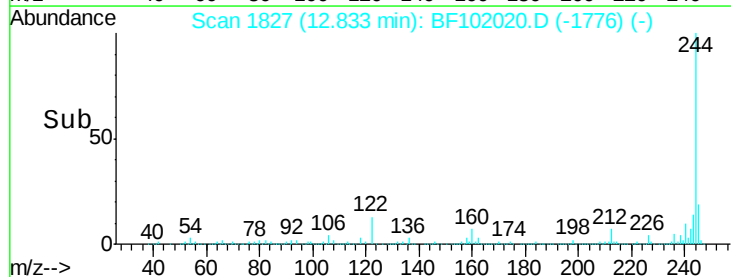
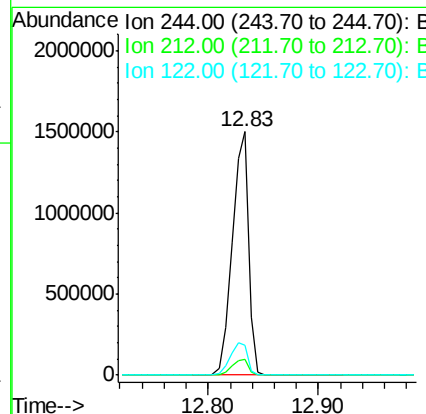
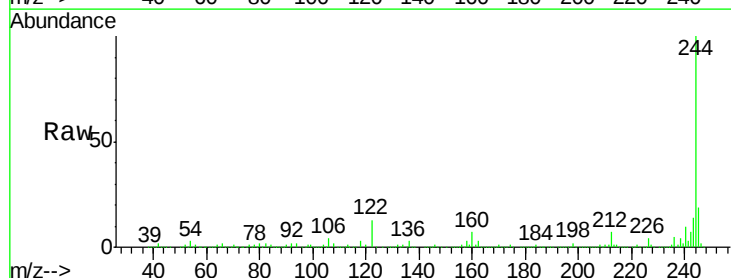
Delta R.T. -0.00 min

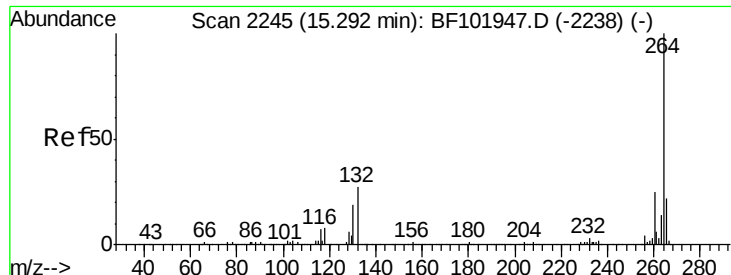
Lab File: BF102020.D

Acq: 11 Jan 2018 16:05

Tgt Ion:244 Resp: 1551288

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.5	11.0	16.4

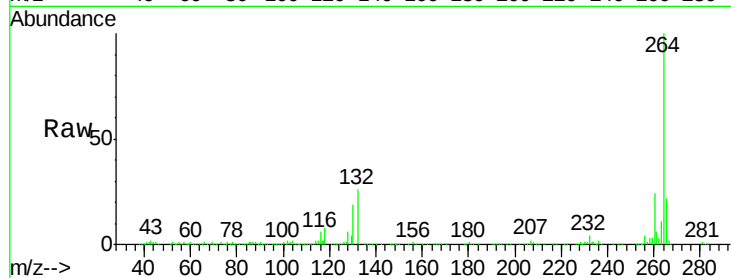




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BF102020.D
Acq: 11 Jan 2018 16:05

Instrument :
BNA_F
ClientSampleId :
PB105579BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	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

