

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101818\
 Data File : BF109982.D
 Acq On : 19 Oct 2018 1:56
 Operator : JU/SJ
 Sample : J5202-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-03-101718-A

Quant Time: Oct 19 10:29:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

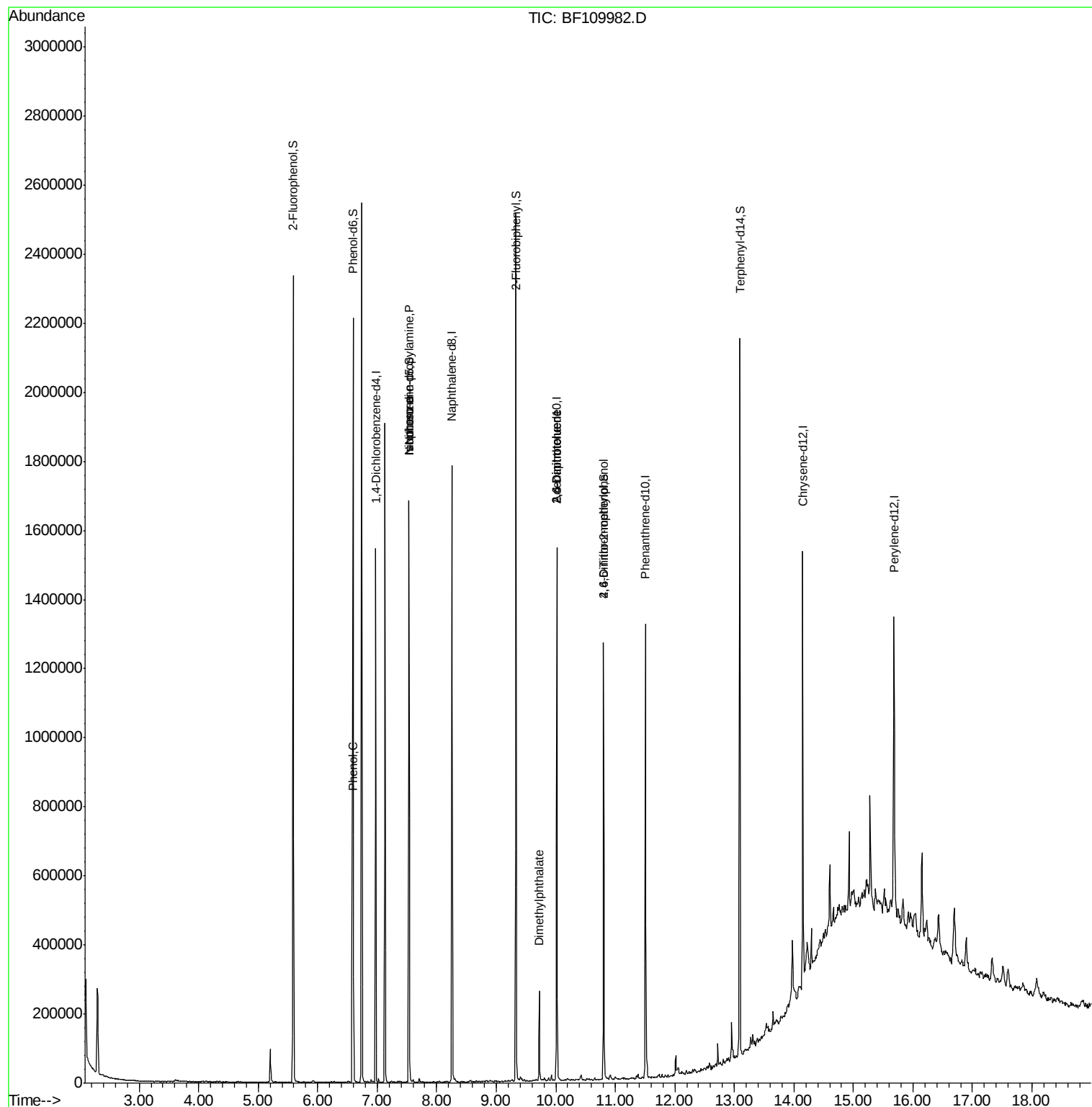
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	195537	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	729134	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	283739	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	468065	20.00	ng	0.00
76) Chrysene-d12	14.15	240	404261	20.00	ng	-0.01
87) Perylene-d12	15.68	264	299466	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	621320	50.37	ng	0.00
7) Phenol-d6	6.59	99	762166	49.76	ng	-0.01
23) Nitrobenzene-d5	7.53	82	453983	41.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	129330	52.65	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	769276	43.26	ng	0.00
79) Terphenyl-d14	13.09	244	639028	33.19	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	81897	4.952	ng	# 58
19) n-Nitroso-di-n-propylamine	7.53	70	59692	6.069	ng	# 78
25) Isophorone	7.53	82	453976	21.346	ng	# 67
50) Dimethylphthalate	9.72	163	87982	4.379	ng	# 99
51) 2,6-Dinitrotoluene	10.02	165	34646	9.079	ng	# 23
57) 2,4-Dinitrotoluene	10.02	165	34646	11.084	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.80	198	246	8.026	ng	# 1

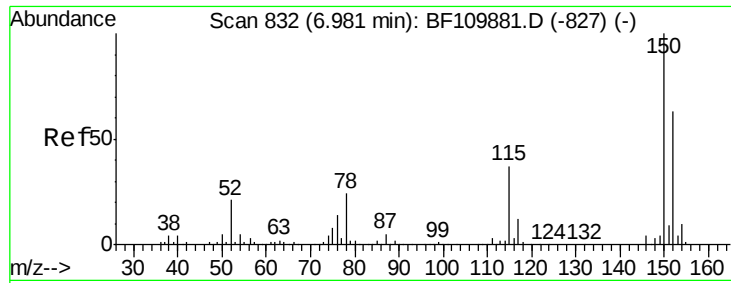
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
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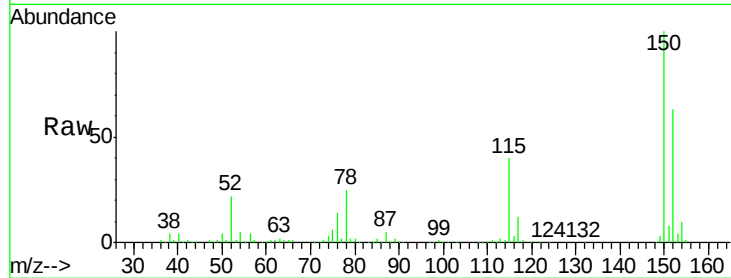


#1

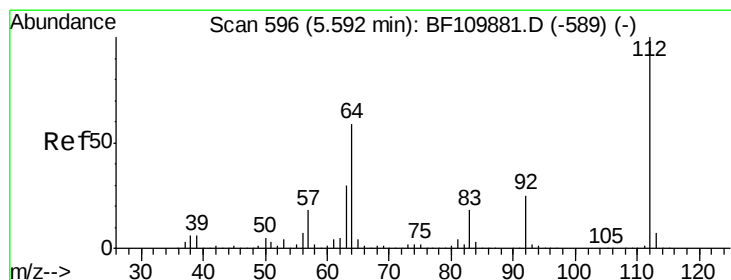
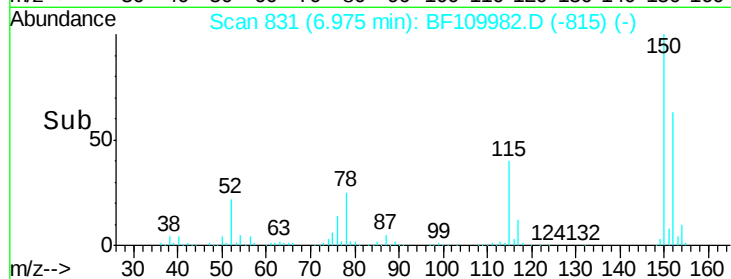
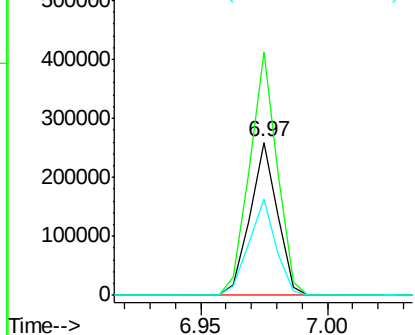
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109982.D
Acq: 19 Oct 2018 1:56

Instrument :
BNA_F
ClientSampleId :
PL-03-101718-A

Tgt Ion:152 Resp: 195537
Ion Ratio Lower Upper
152 100
150 159.3 122.7 184.1
115 63.0 49.1 73.7



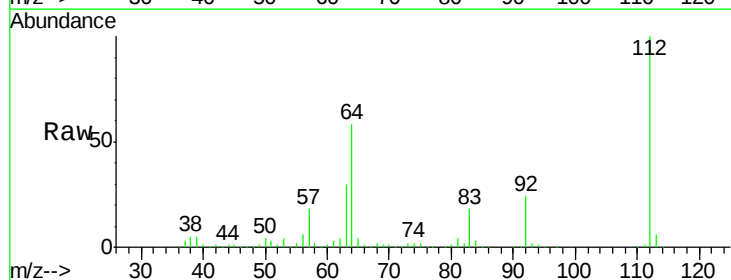
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



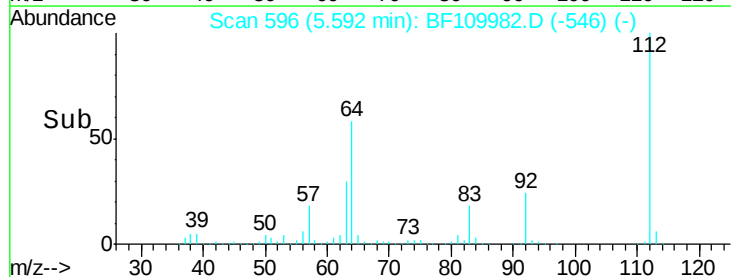
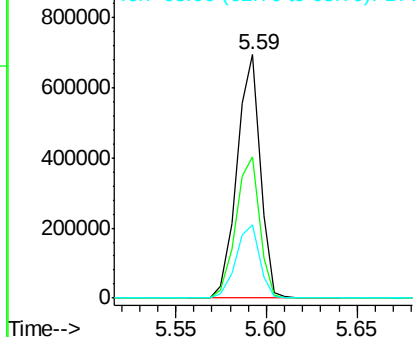
#5

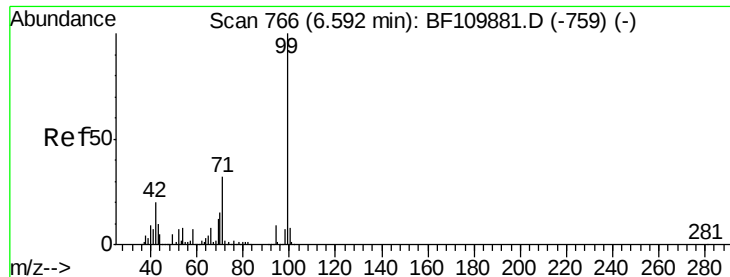
2-Fluorophenol
Concen: 50.368 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109982.D
Acq: 19 Oct 2018 1:56

Tgt Ion:112 Resp: 621320
Ion Ratio Lower Upper
112 100
64 57.8 44.1 66.1
63 30.0 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: 49.757 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109982.D

Acq: 19 Oct 2018 1:56

Instrument :

BNA_F

ClientSampleId :

PL-03-101718-A

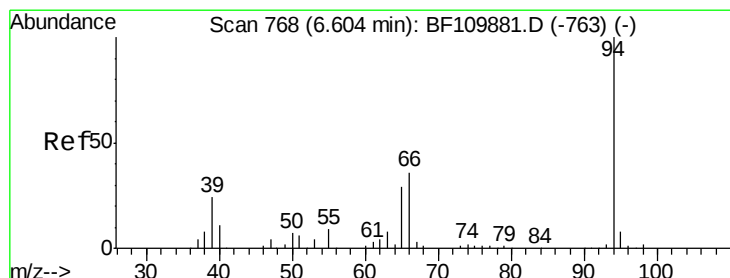
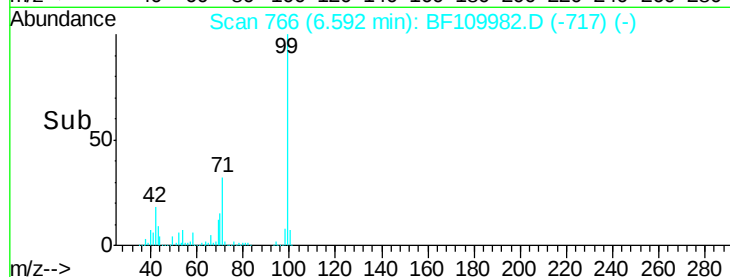
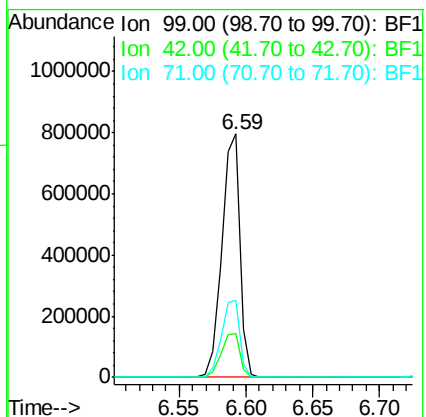
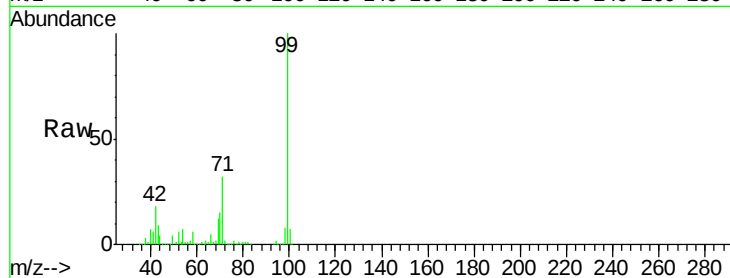
Tgt Ion: 99 Resp: 762166

Ion Ratio Lower Upper

99 100

42 17.9 15.8 23.6

71 31.7 28.0 42.0



#10

Phenol

Concen: 4.952 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109982.D

Acq: 19 Oct 2018 1:56

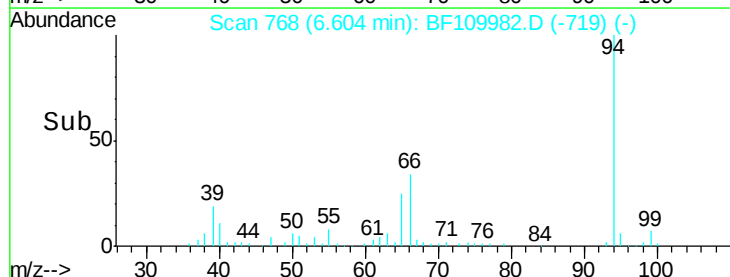
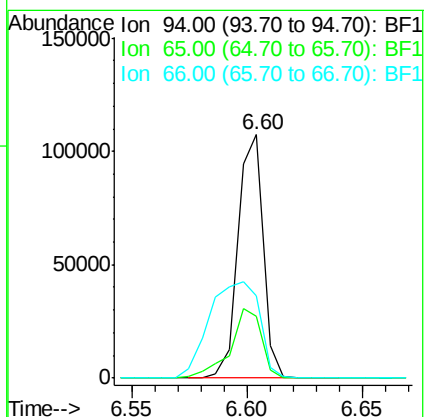
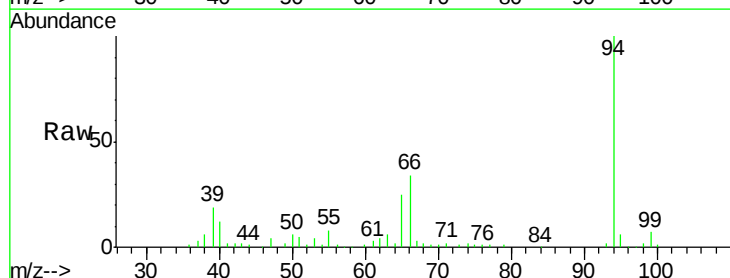
Tgt Ion: 94 Resp: 81897

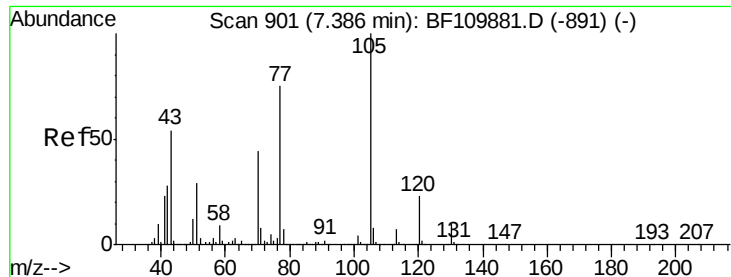
Ion Ratio Lower Upper

94 100

65 25.2 25.3 65.3#

66 33.7 54.5 94.5#

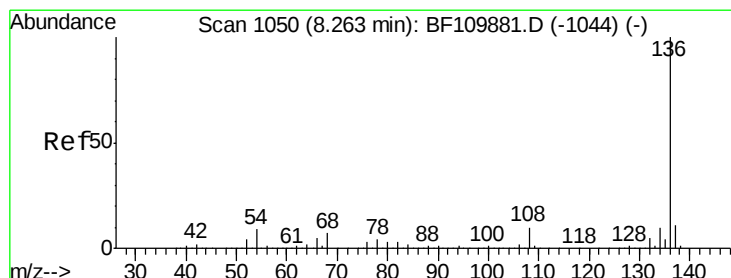
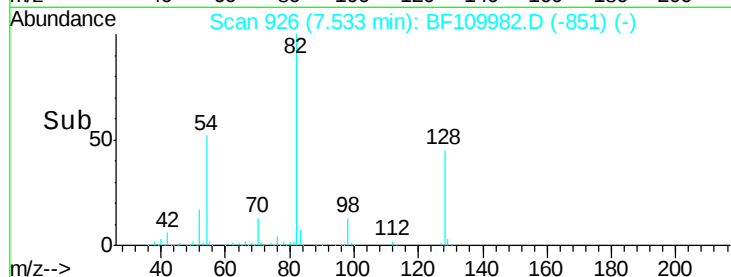
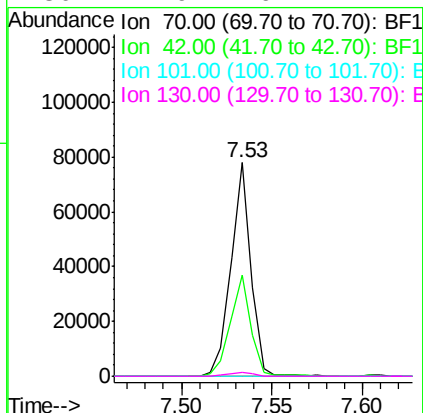
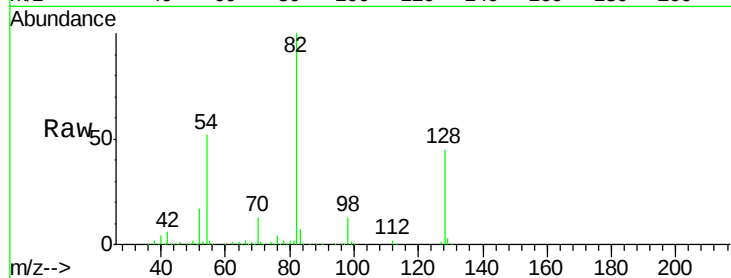




#19
n-Nitroso-di-n-propylamine
Concen: 6.069 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF109982.D
Acq: 19 Oct 2018 1:56

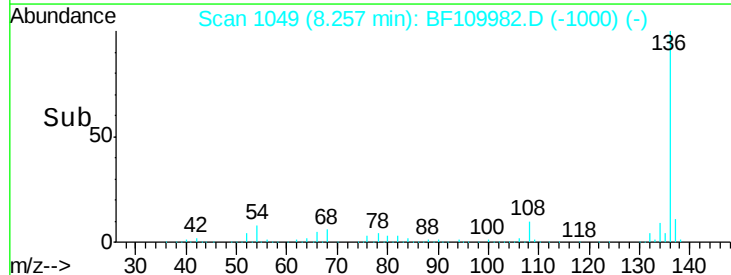
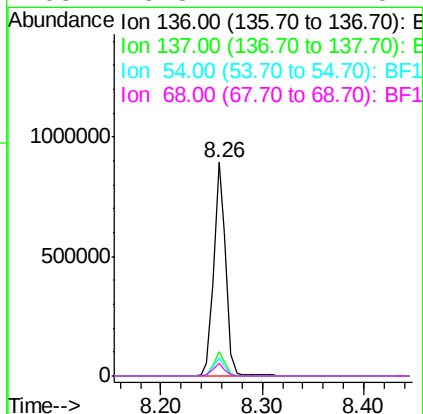
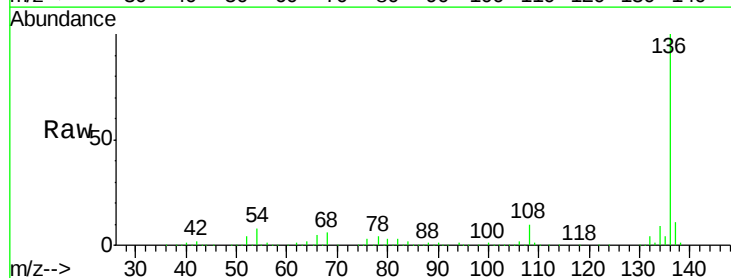
Instrument :
BNA_F
ClientSampleId :
PL-03-101718-A

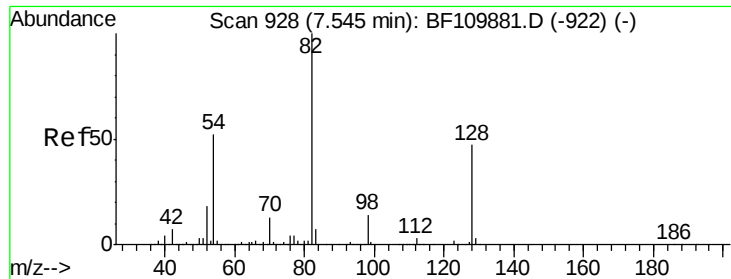
Tgt Ion: 70 Resp: 59692
Ion Ratio Lower Upper
70 100
42 47.2 47.4 71.2#
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109982.D
Acq: 19 Oct 2018 1:56

Tgt Ion: 136 Resp: 729134
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 5.4 8.2#
68 5.8 4.2 6.2

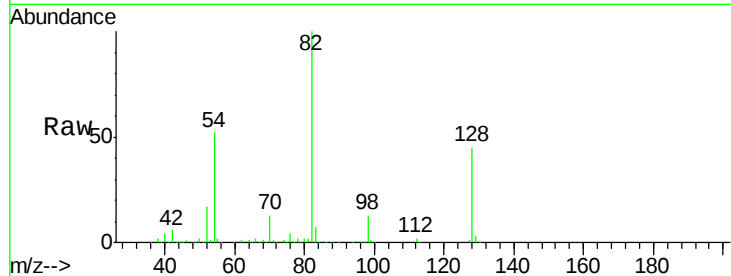




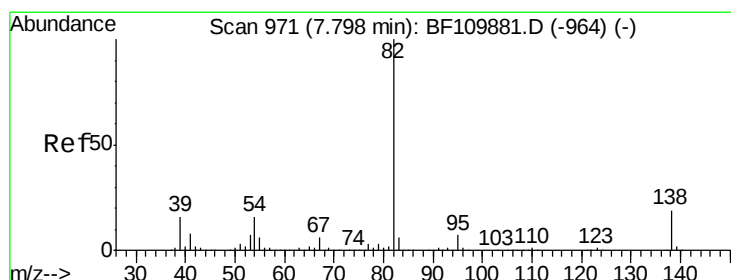
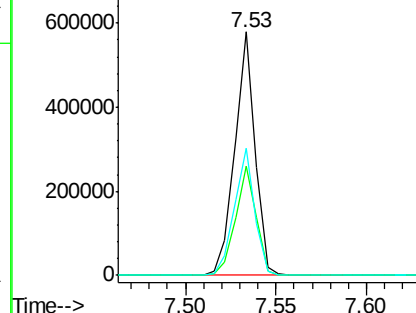
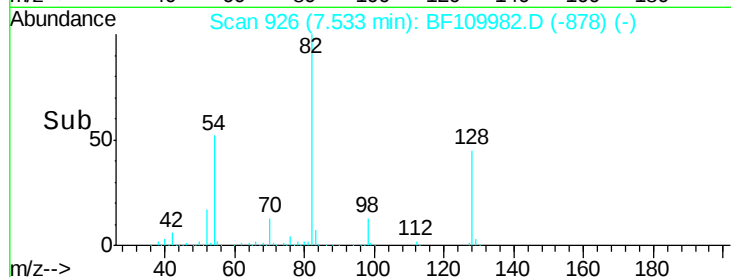
#23
Nitrobenzene-d5
Concen: 41.943 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF109982.D
Acq: 19 Oct 2018 1:56

Instrument :
BNA_F
ClientSampleId :
PL-03-101718-A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.2	51.2
54	52.3	38.6	58.0

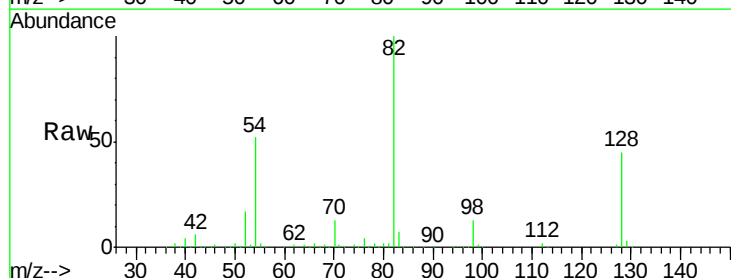


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

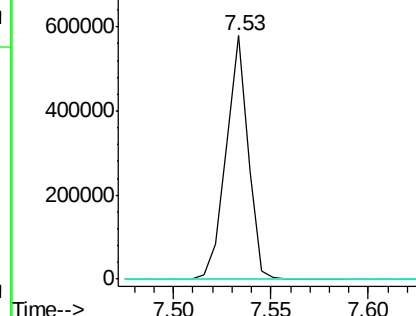
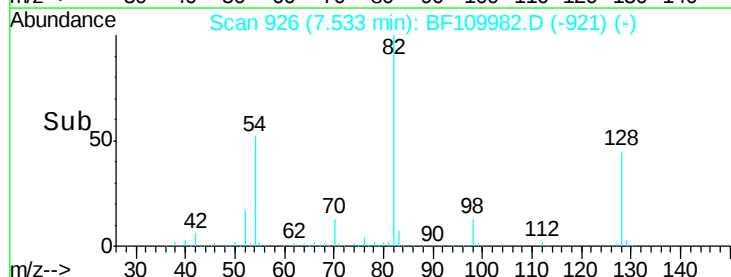


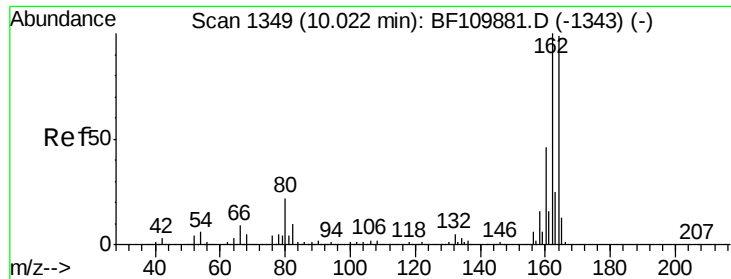
#25
Isophorone
Concen: 21.346 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF109982.D
Acq: 19 Oct 2018 1:56

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF109982.D

Acq: 19 Oct 2018 1:56

Instrument :

BNA_F

ClientSampleId :

PL-03-101718-A

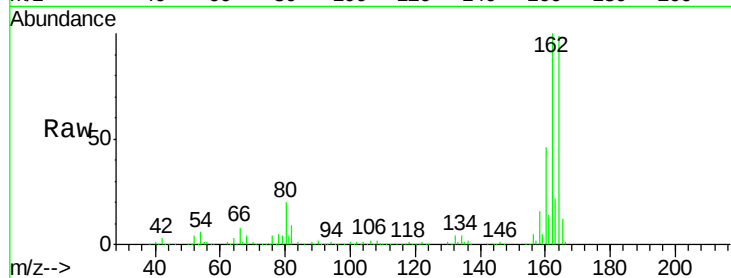
Tgt Ion:164 Resp: 283739

Ion Ratio Lower Upper

164 100

162 101.5 83.0 124.6

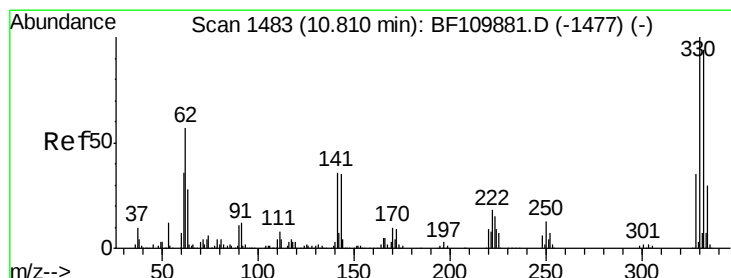
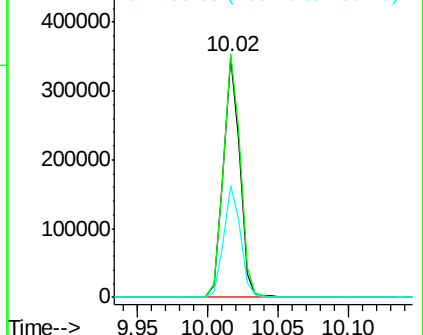
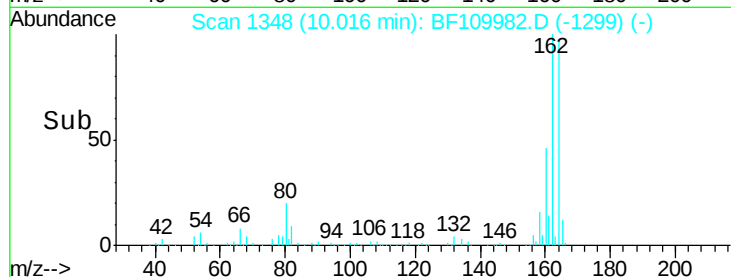
160 46.4 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 52.647 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF109982.D

Acq: 19 Oct 2018 1:56

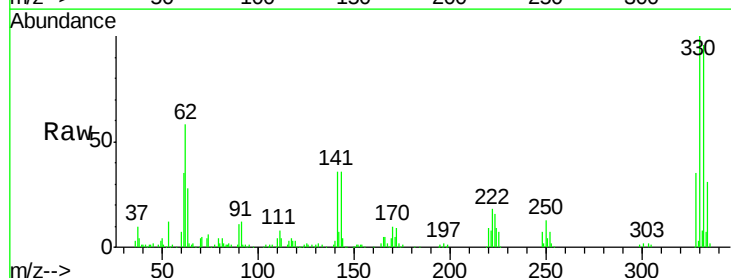
Tgt Ion:330 Resp: 129330

Ion Ratio Lower Upper

330 100

332 94.5 77.1 115.7

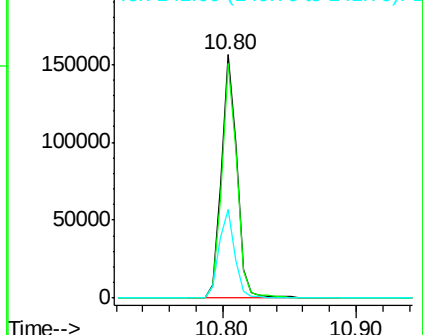
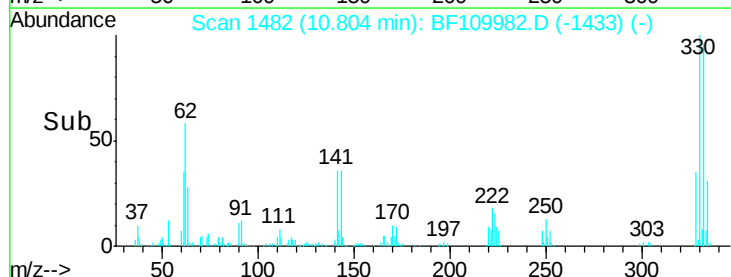
141 36.9 27.0 40.4

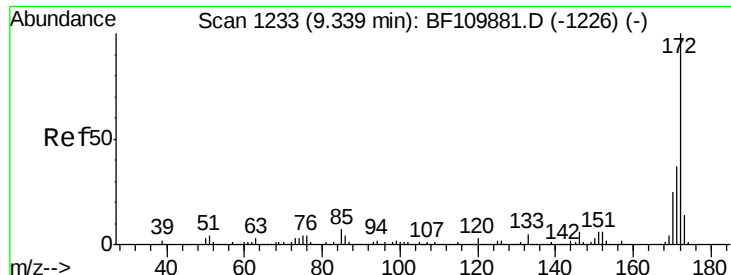


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

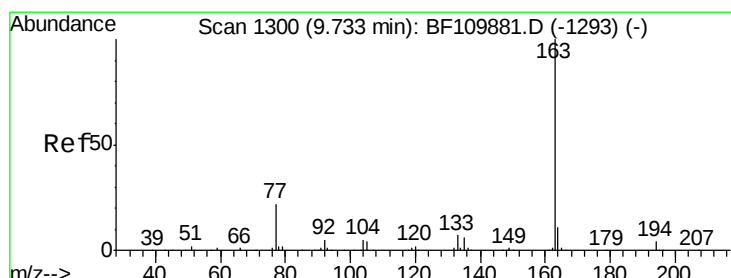
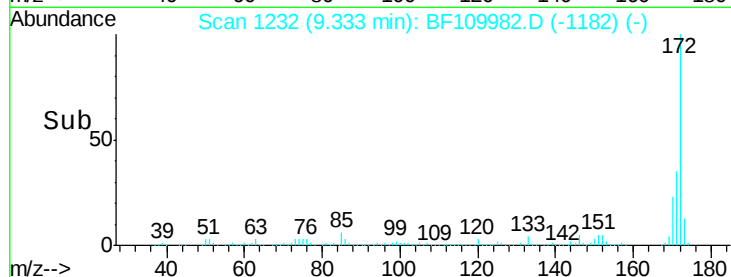
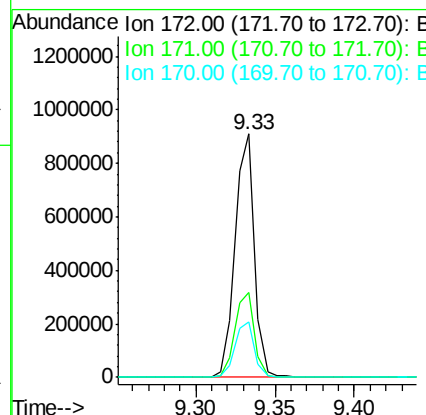
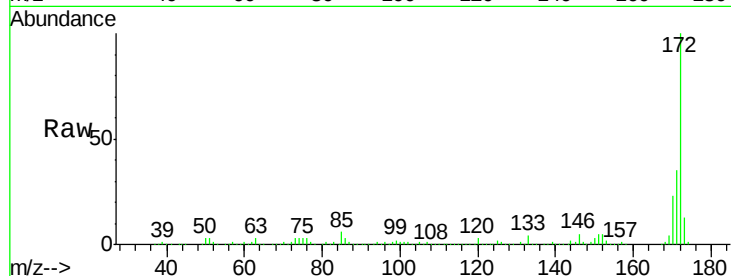




#45
2-Fluorobiphenyl
Concen: 43.262 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109982.D
Acq: 19 Oct 2018 1:56

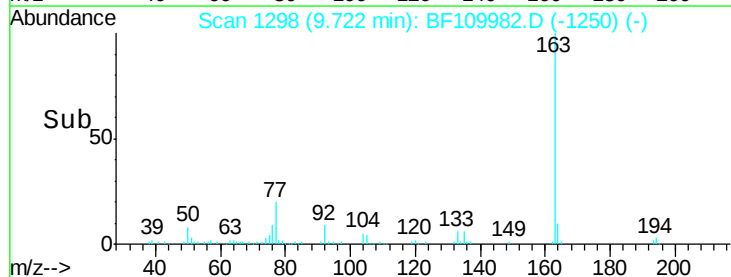
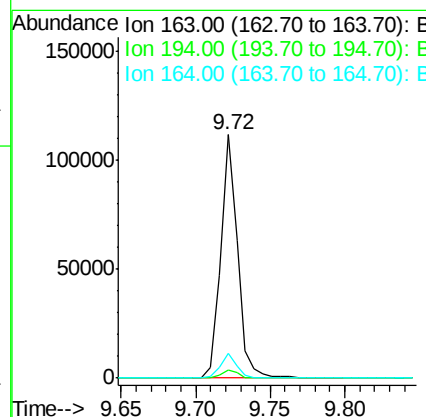
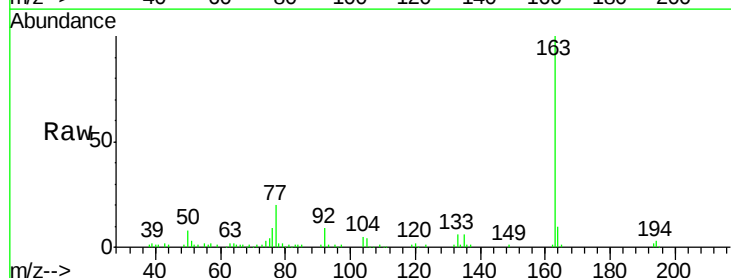
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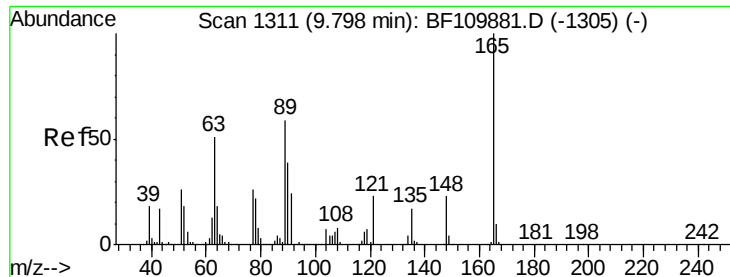
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	22.7	19.7	29.5



#50
Dimethylphthalate
Concen: 4.379 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109982.D
Acq: 19 Oct 2018 1:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.2	4.8
164	10.1	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 9.079 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.21 min

Lab File: BF109982.D

Acq: 19 Oct 2018 1:56

Instrument :

BNA_F

ClientSampleId :

PL-03-101718-A

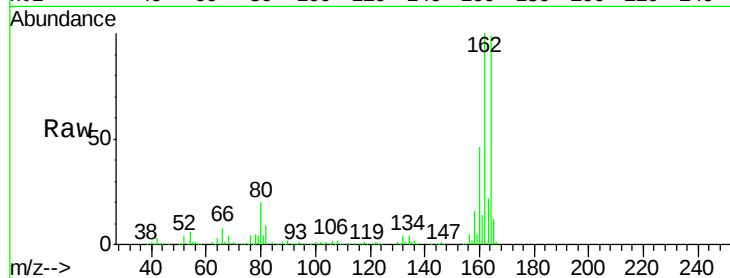
Tgt Ion:165 Resp: 34646

Ion Ratio Lower Upper

165 100

63 2.4 48.9 73.3#

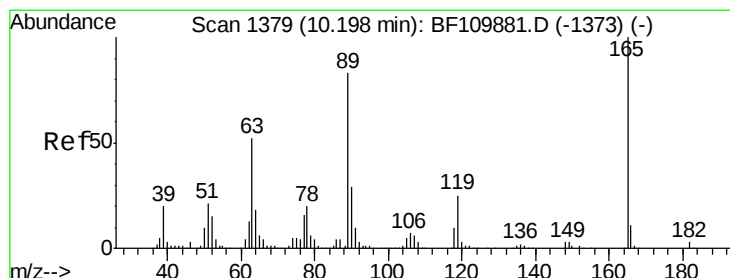
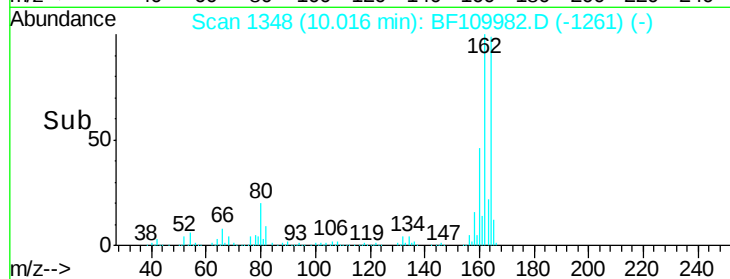
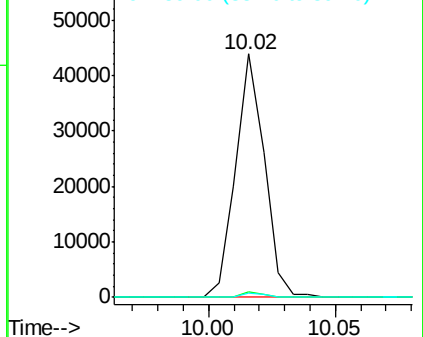
89 1.6 46.6 69.8#



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



#57

2,4-Dinitrotoluene

Concen: 11.084 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.19 min

Lab File: BF109982.D

Acq: 19 Oct 2018 1:56

Tgt Ion:165 Resp: 34646

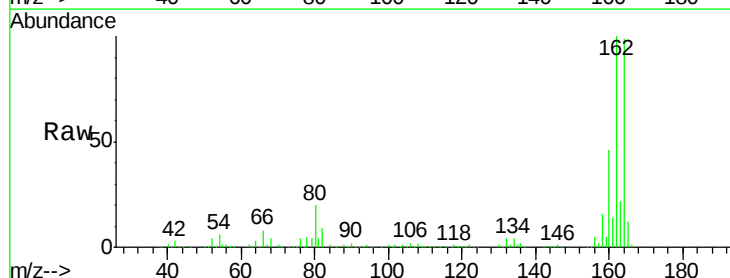
Ion Ratio Lower Upper

165 100

63 2.4 44.8 67.2#

89 1.6 62.2 93.4#

182 0.0 2.1 3.1#

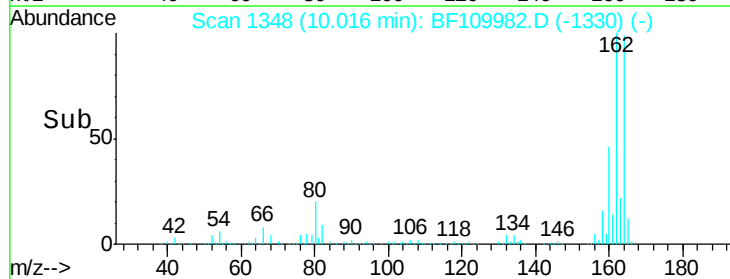
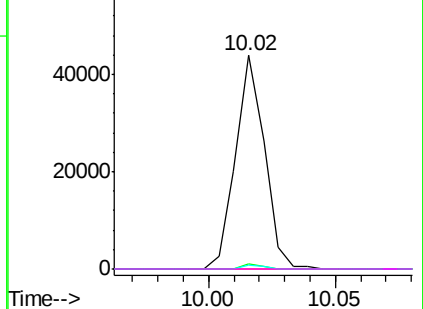


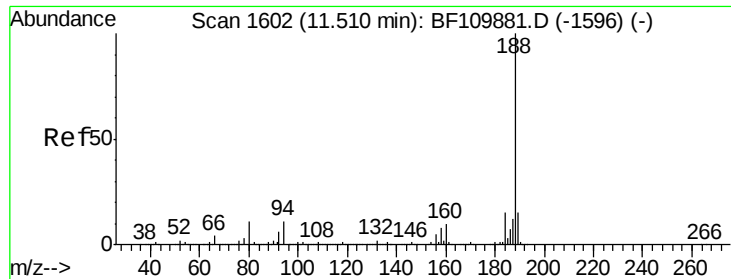
Abundance Ion 165.00 (164.70 to 165.70): E

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

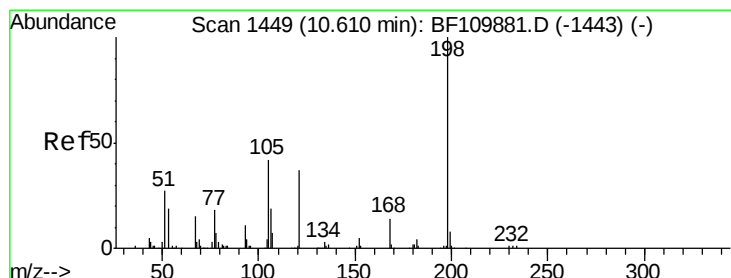
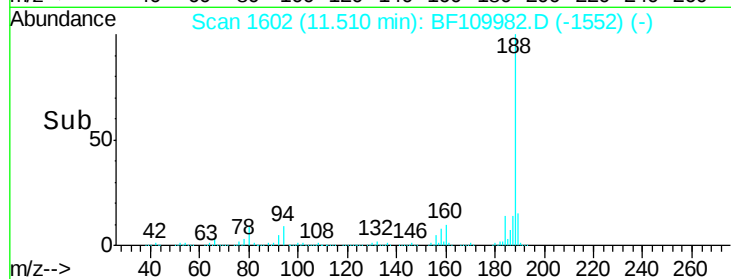
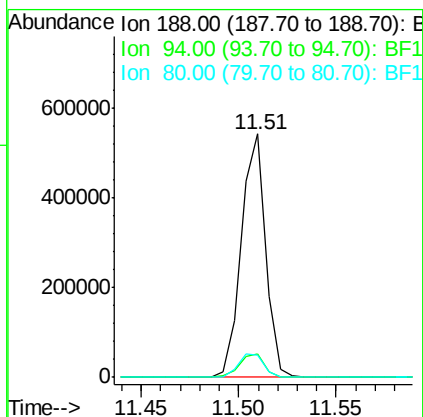
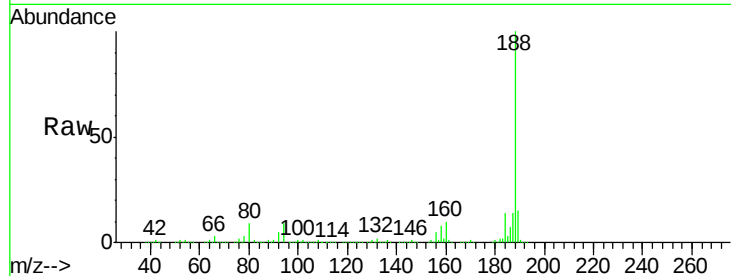




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109982.D
Acq: 19 Oct 2018 1:56

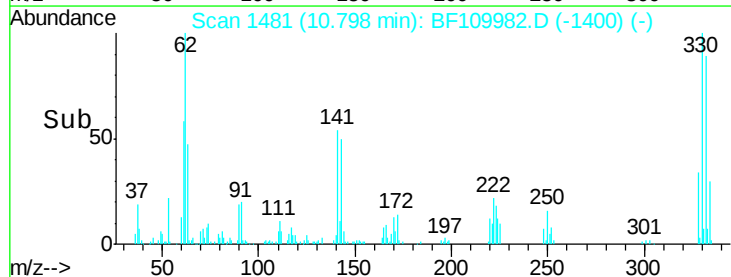
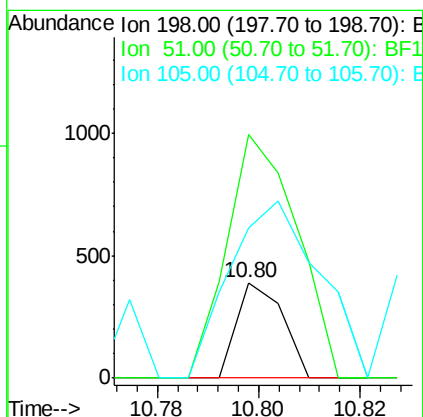
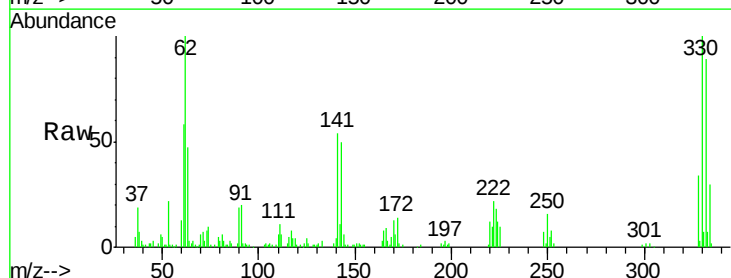
Instrument :
BNA_F
ClientSampleId :
PL-03-101718-A

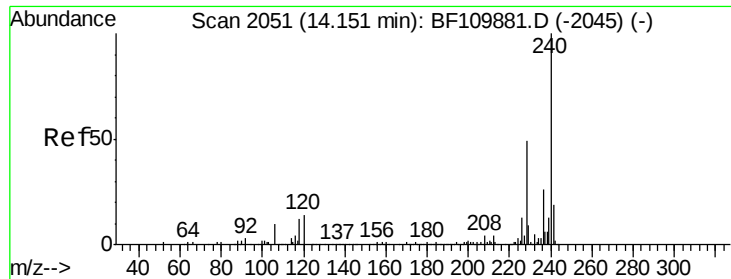
Tgt Ion:188 Resp: 468065
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.3 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 8.026 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.18 min
Lab File: BF109982.D
Acq: 19 Oct 2018 1:56

Tgt Ion:198 Resp: 246
Ion Ratio Lower Upper
198 100
51 254.5 22.8 62.8#
105 156.8 23.6 63.6#

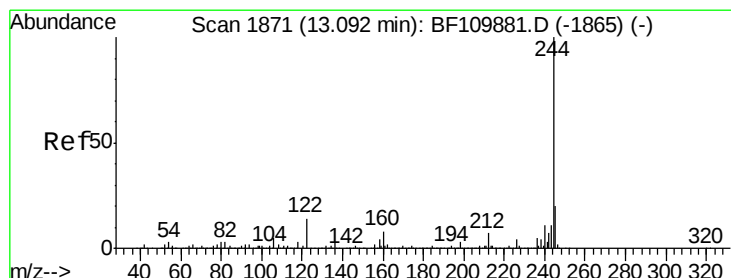
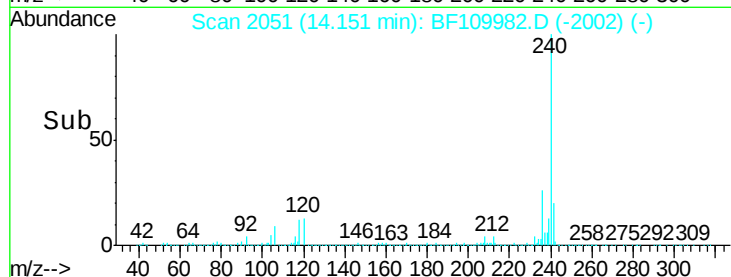
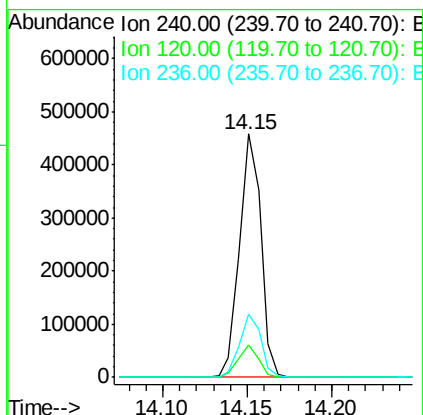
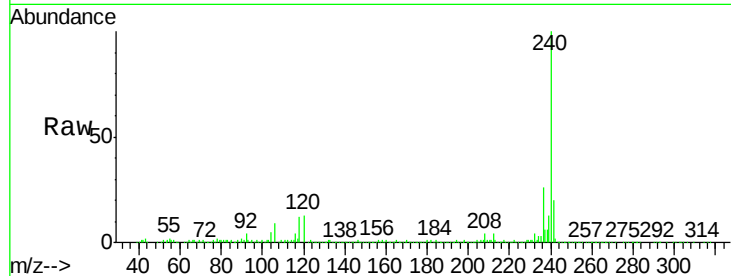




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109982.D
Acq: 19 Oct 2018 1:56

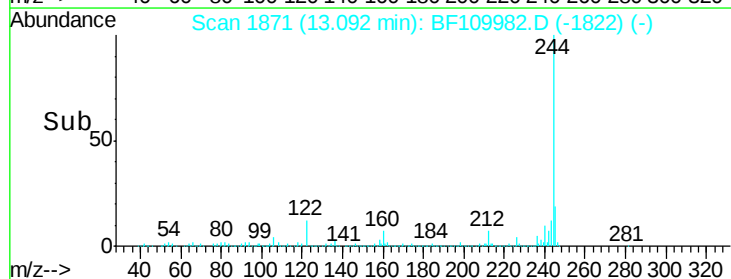
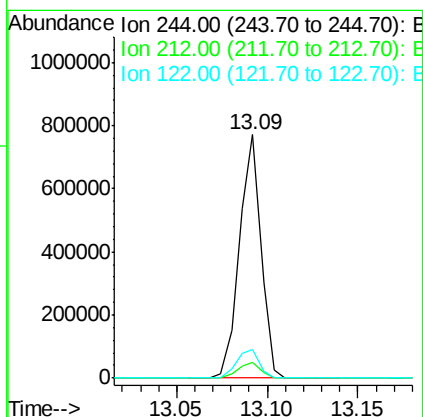
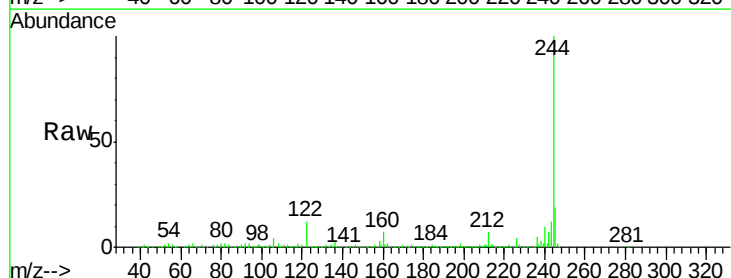
Instrument :
BNA_F
ClientSampleId :
PL-03-101718-A

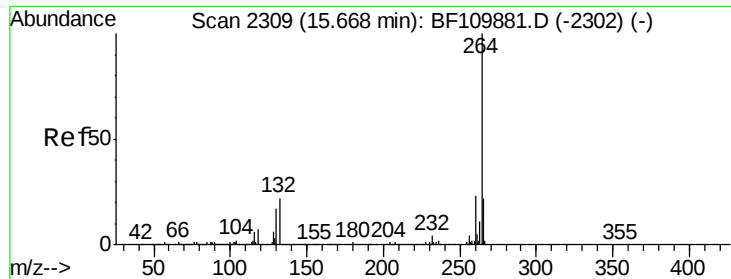
Tgt Ion:240 Resp: 404261
Ion Ratio Lower Upper
240 100
120 13.2 8.3 12.5#
236 25.8 21.2 31.8



#79
Terphenyl-d14
Concen: 33.194 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF109982.D
Acq: 19 Oct 2018 1:56

Tgt Ion:244 Resp: 639028
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 11.6 8.7 13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF109982.D
Acq: 19 Oct 2018 1:56

Instrument :
BNA_F
ClientSampleId :
PL-03-101718-A

Tgt Ion: 264 Resp: 299466
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 22.2 16.7 25.1

