

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101818\
 Data File : BF109983.D
 Acq On : 19 Oct 2018 2:23
 Operator : JU/SJ
 Sample : J5202-03 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Oct 19 10:29:35 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

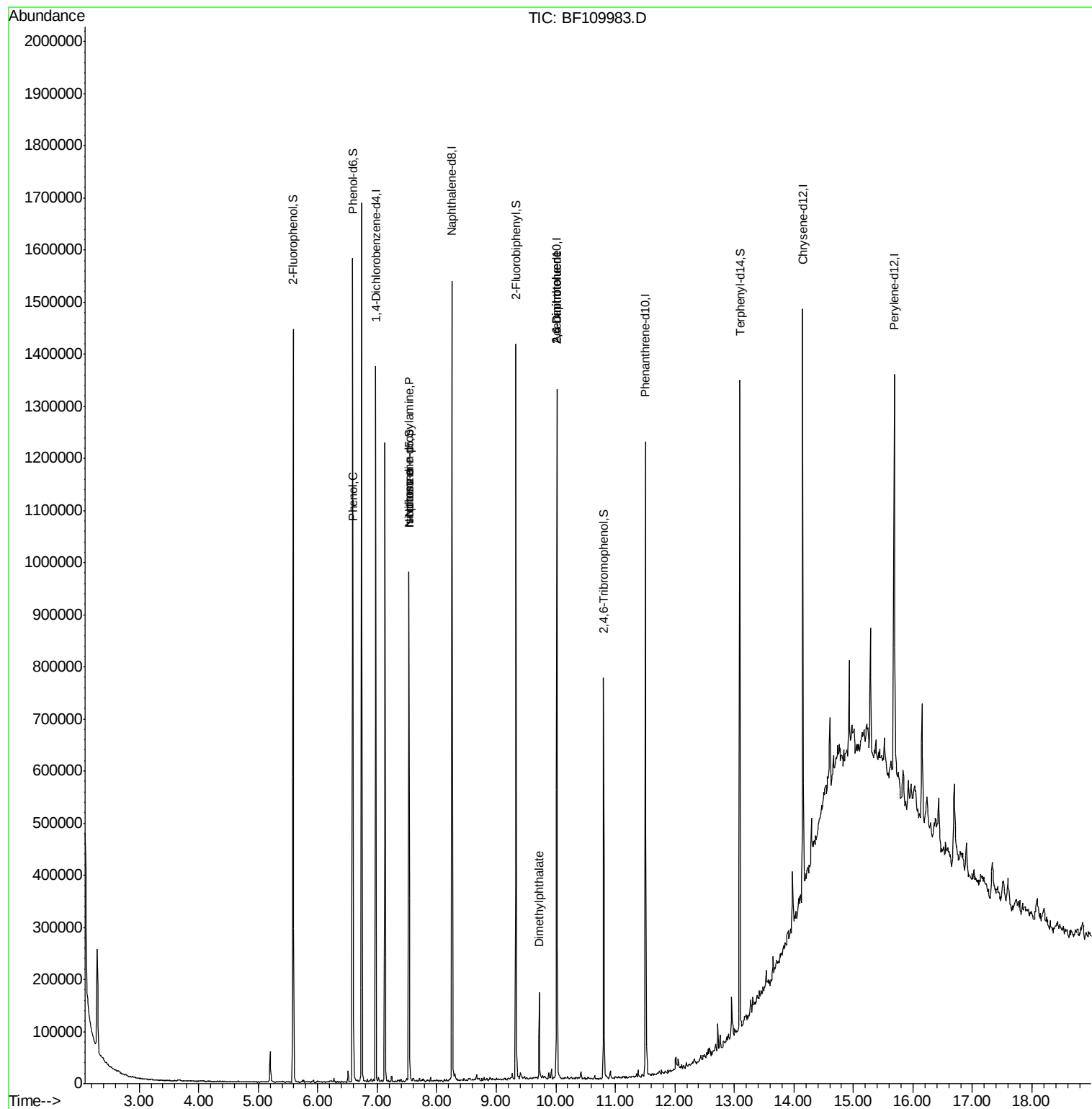
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	177410	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	648845	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	247725	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	429507	20.00	ng	0.00
76) Chrysene-d12	14.15	240	368406	20.00	ng	-0.01
87) Perylene-d12	15.68	264	272311	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	396507	35.43	ng	0.00
7) Phenol-d6	6.59	99	473057	34.04	ng	-0.02
23) Nitrobenzene-d5	7.53	82	273592	28.40	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	76274	35.56	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	446274	28.75	ng	0.00
79) Terphenyl-d14	13.09	244	392350	22.36	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	48115	3.207	ng	# 66
19) n-Nitroso-di-n-propylamine	7.53	70	34979	3.920	ng	# 79
25) Isophorone	7.53	82	273588	14.456	ng	# 67
50) Dimethylphthalate	9.72	163	45912	2.617	ng	100
51) 2,6-Dinitrotoluene	10.02	165	31129	9.343	ng	# 22
57) 2,4-Dinitrotoluene	10.02	165	31129	11.273	ng	# 19

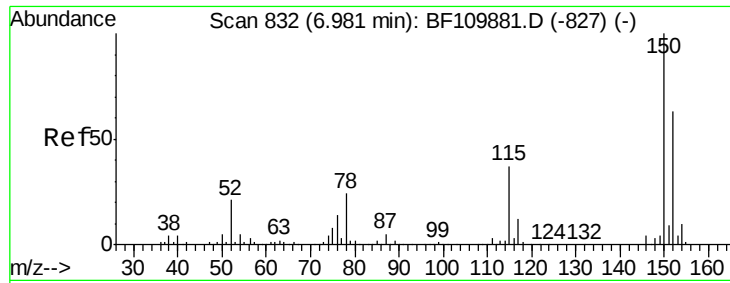
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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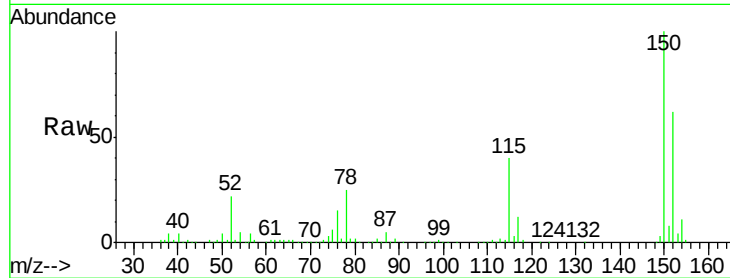


#1

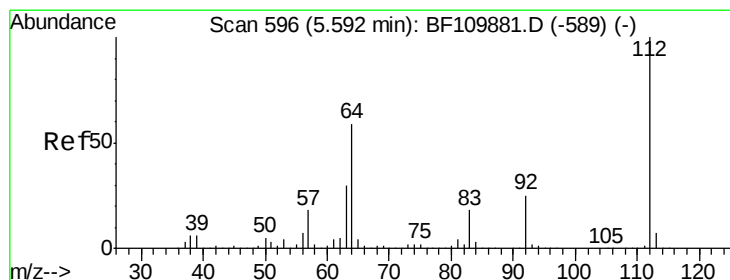
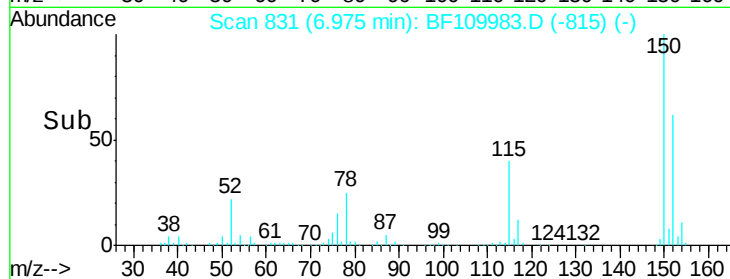
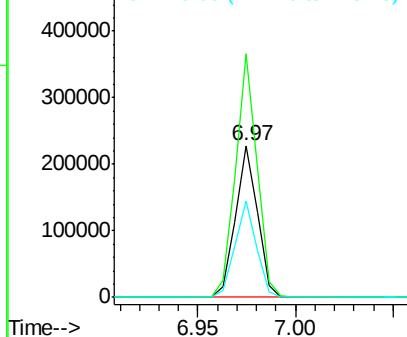
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109983.D
Acq: 19 Oct 2018 2:23

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

Tgt Ion:152 Resp: 177410
Ion Ratio Lower Upper
152 100
150 160.7 122.7 184.1
115 63.6 49.1 73.7



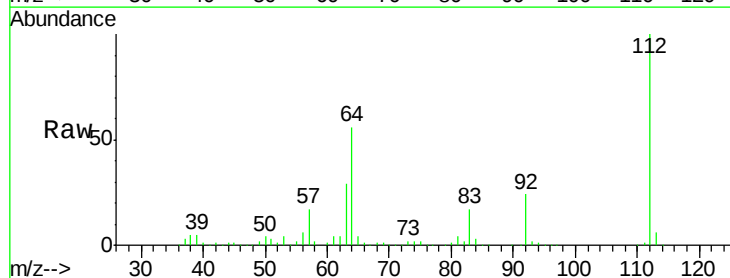
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



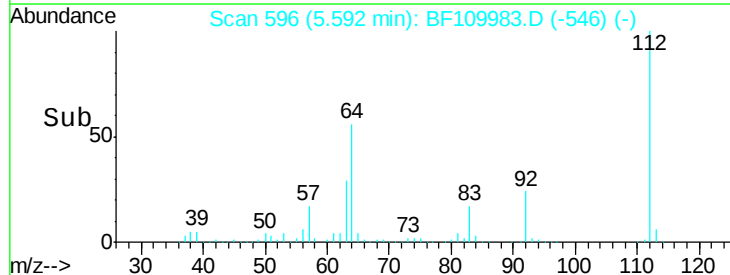
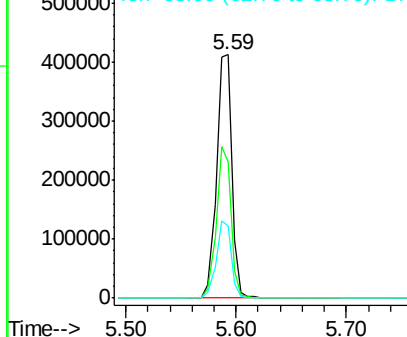
#5

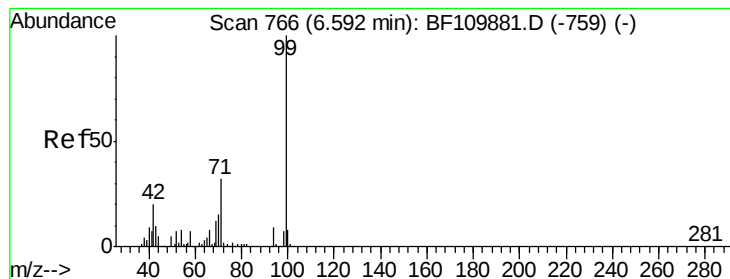
2-Fluorophenol
Concen: 35.427 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109983.D
Acq: 19 Oct 2018 2:23

Tgt Ion:112 Resp: 396507
Ion Ratio Lower Upper
112 100
64 56.1 44.1 66.1
63 29.4 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: 34.039 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109983.D

Acq: 19 Oct 2018 2:23

Instrument :

BNA_F

ClientSampleId :

PL-03-101718-B

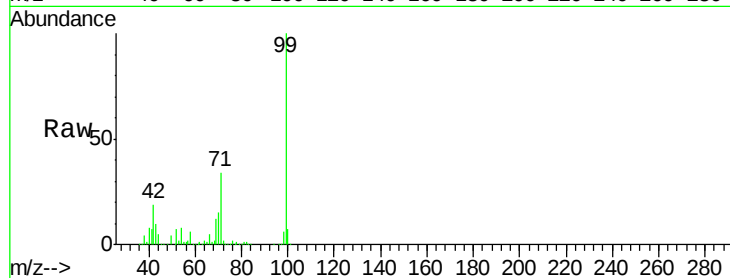
Tgt Ion: 99 Resp: 473057

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.6

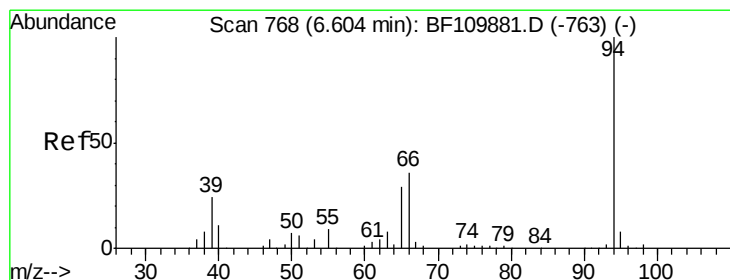
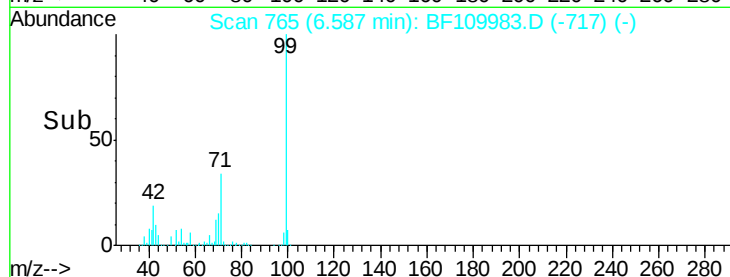
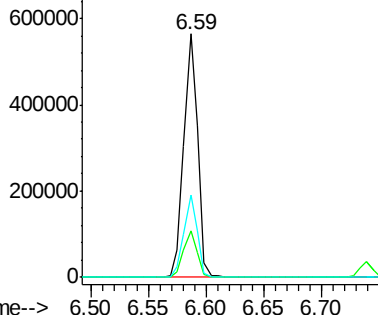
71 33.6 28.0 42.0



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



#10

Phenol

Concen: 3.207 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF109983.D

Acq: 19 Oct 2018 2:23

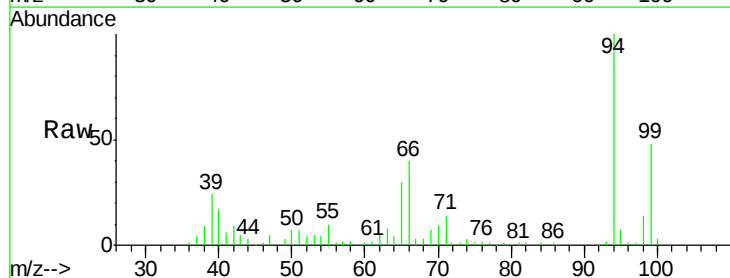
Tgt Ion: 94 Resp: 48115

Ion Ratio Lower Upper

94 100

65 30.1 25.3 65.3

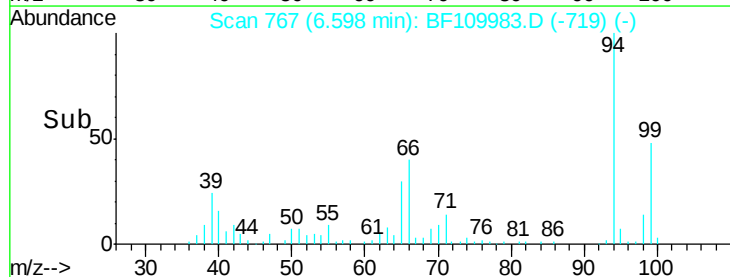
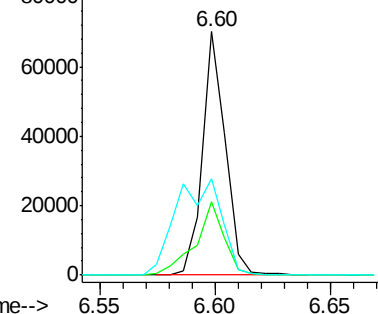
66 39.5 54.5 94.5#

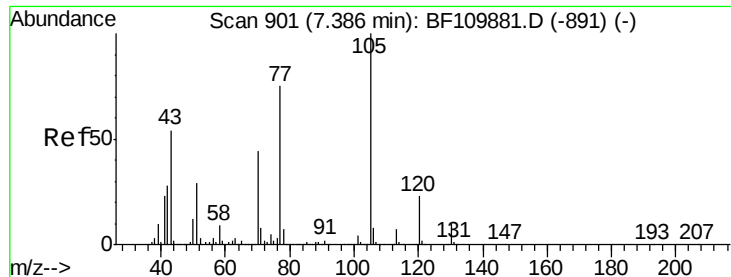


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

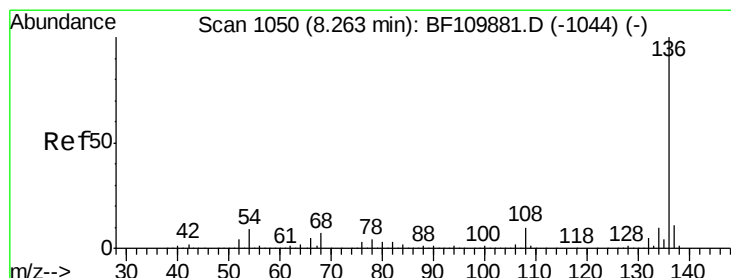
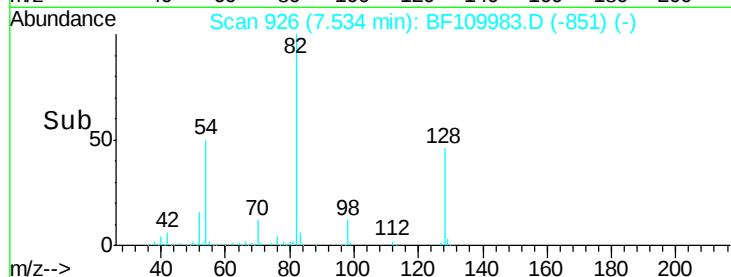
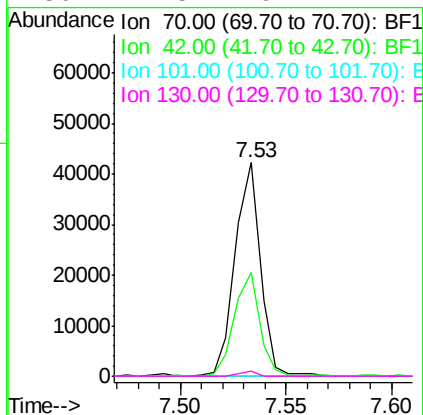
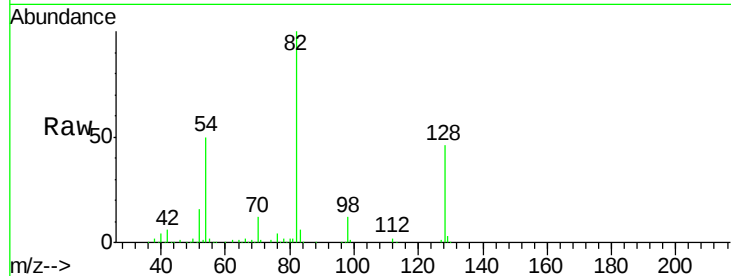




#19
n-Nitroso-di-n-propylamine
Concen: 3.920 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF109983.D
Acq: 19 Oct 2018 2:23

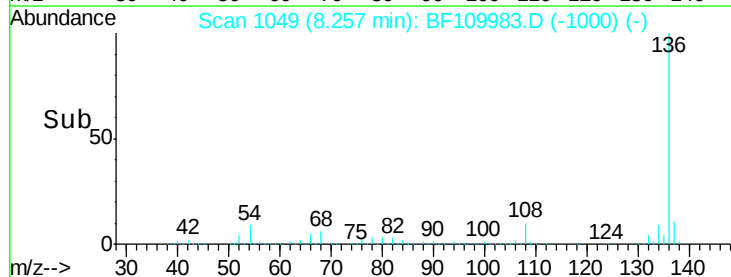
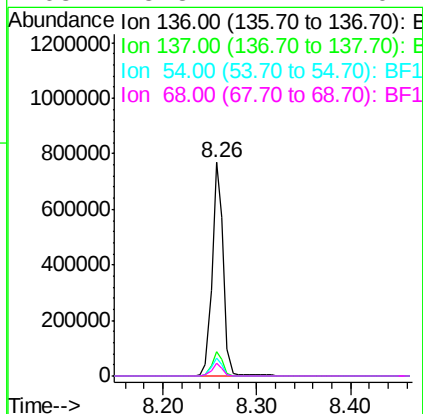
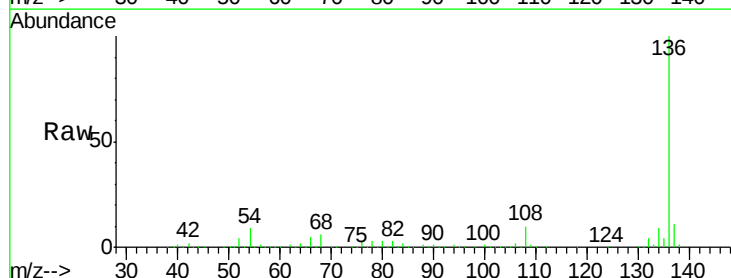
Instrument :
BNA_F
ClientSampleId :
PL-03-101718-B

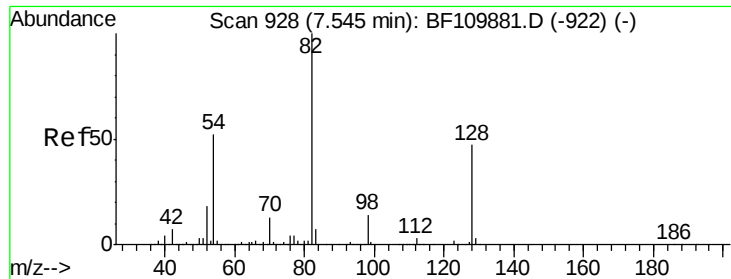
Tgt Ion: 70 Resp: 34979
Ion Ratio Lower Upper
70 100
42 48.7 47.4 71.2
101 0.0 7.3 10.9#
130 2.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109983.D
Acq: 19 Oct 2018 2:23

Tgt Ion: 136 Resp: 648845
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.6 5.4 8.2#
68 5.8 4.2 6.2

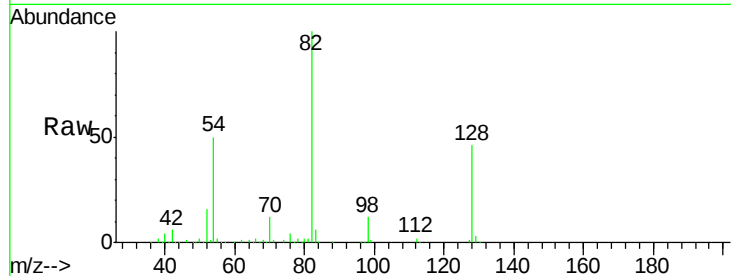




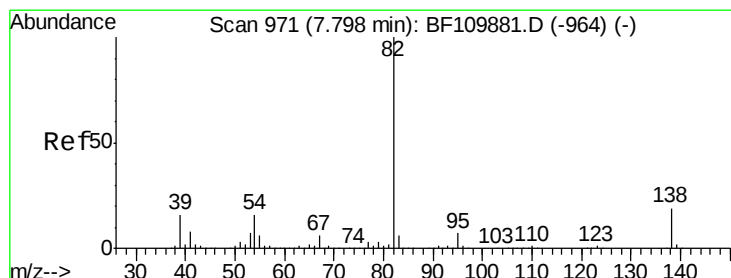
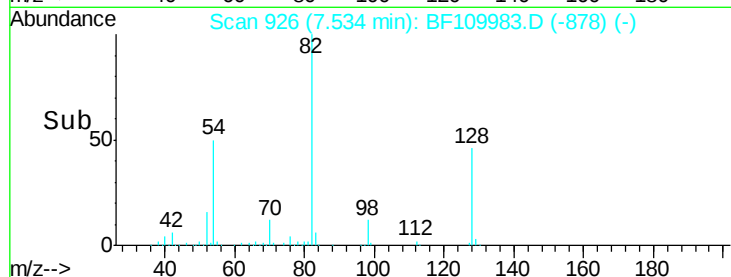
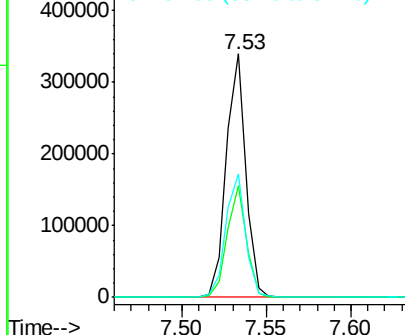
#23
 Nitrobenzene-d5
 Concen: 28.405 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF109983.D
 Acq: 19 Oct 2018 2:23

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.2	51.2
54	50.5	38.6	58.0

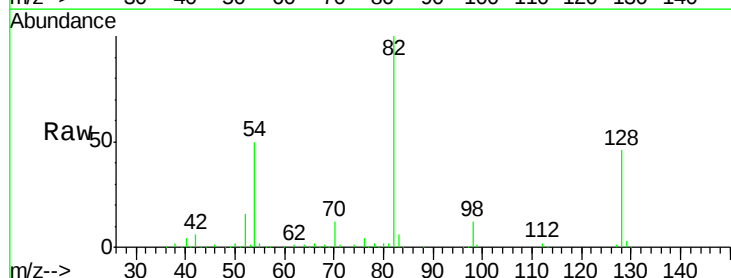


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

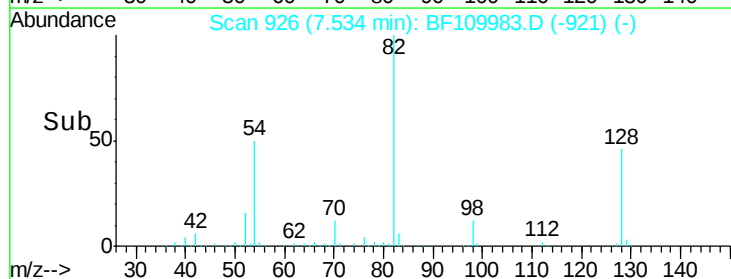
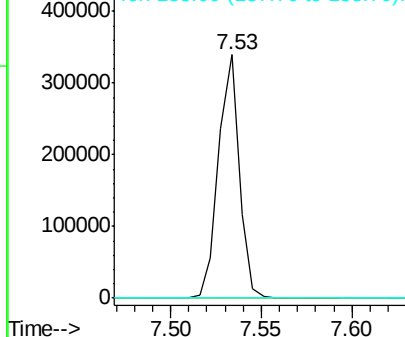


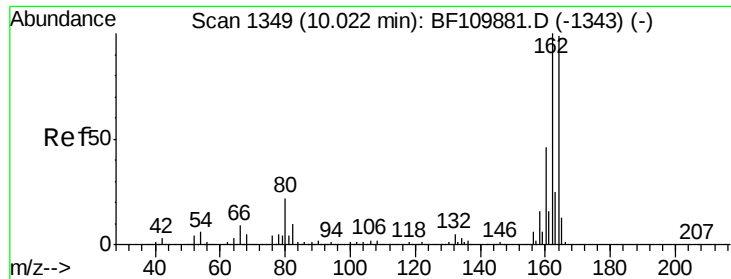
#25
 Isophorone
 Concen: 14.456 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.27 min
 Lab File: BF109983.D
 Acq: 19 Oct 2018 2:23

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: BF109983.D

Acq: 19 Oct 2018 2:23

Instrument :

BNA_F

ClientSampleId :

PL-03-101718-B

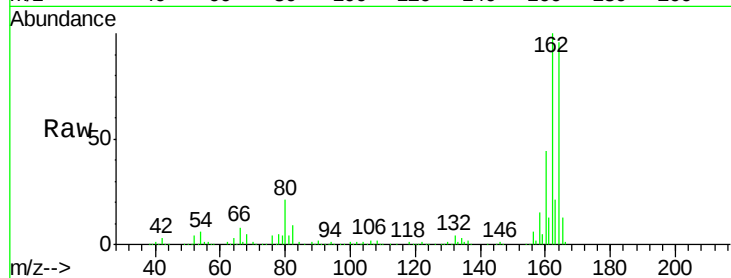
Tgt Ion:164 Resp: 247725

Ion Ratio Lower Upper

164 100

162 104.5 83.0 124.6

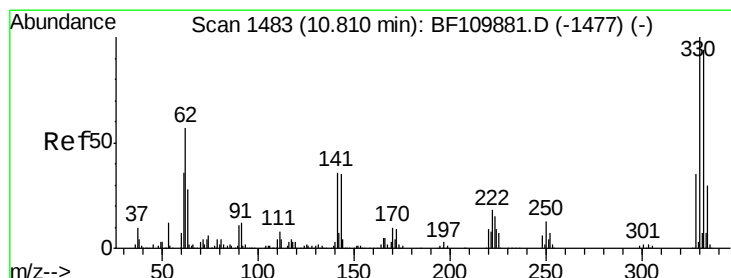
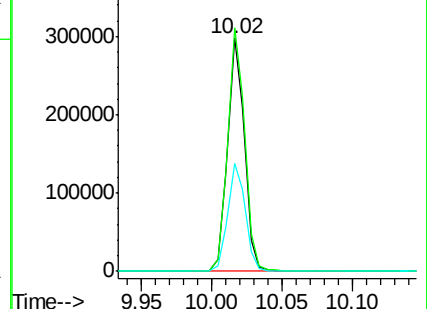
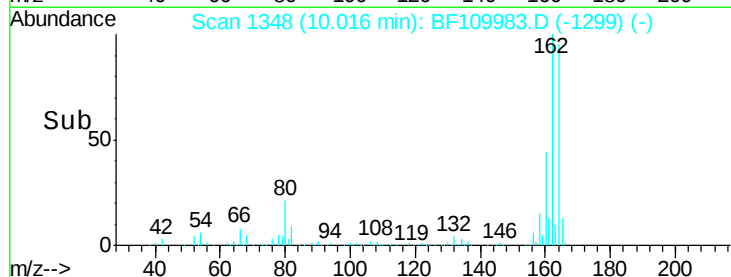
160 46.1 37.0 55.6



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: 35.563 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF109983.D

Acq: 19 Oct 2018 2:23

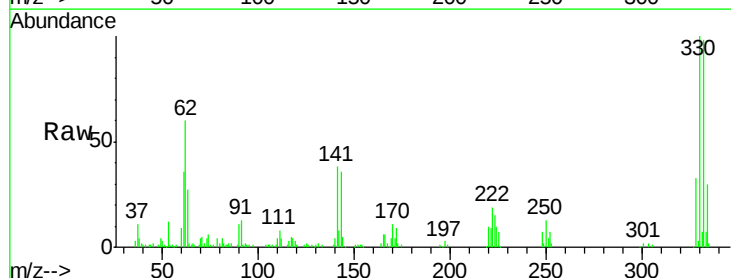
Tgt Ion:330 Resp: 76274

Ion Ratio Lower Upper

330 100

332 98.6 77.1 115.7

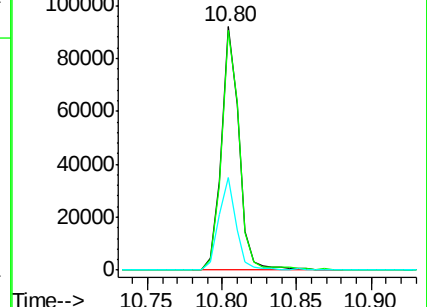
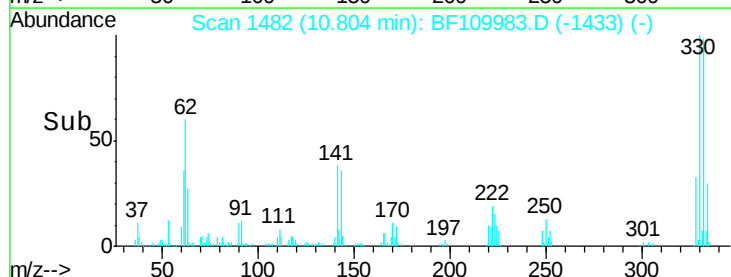
141 37.4 27.0 40.4

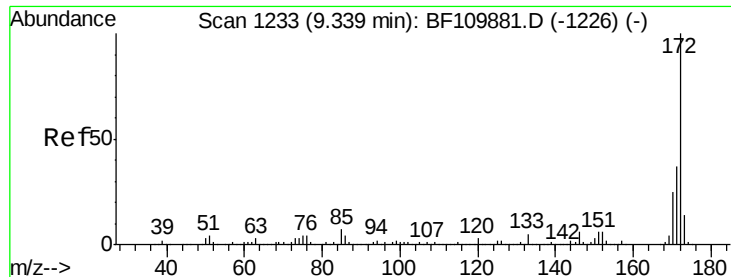


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

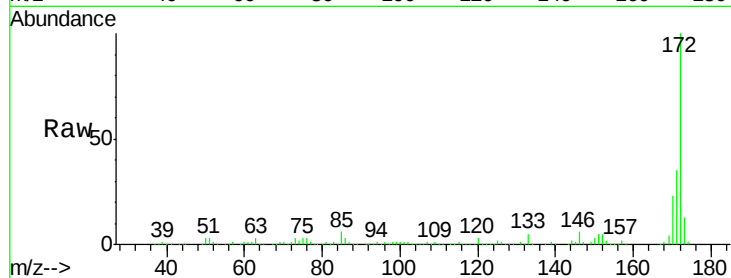




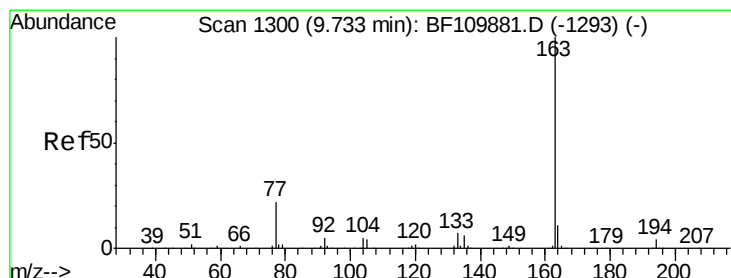
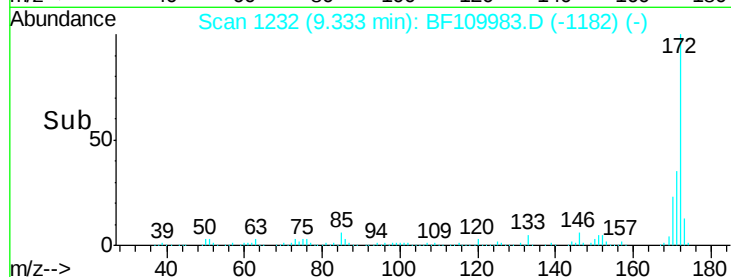
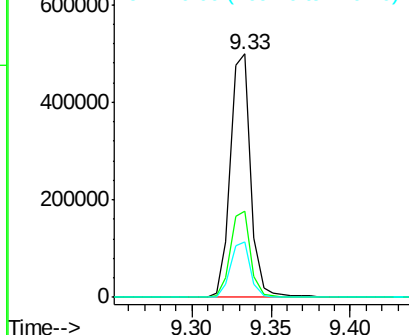
#45
2-Fluorobiphenyl
Concen: 28.746 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109983.D
Acq: 19 Oct 2018 2:23

Instrument :
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Tgt Ion:172 Resp: 446274
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 22.8 19.7 29.5

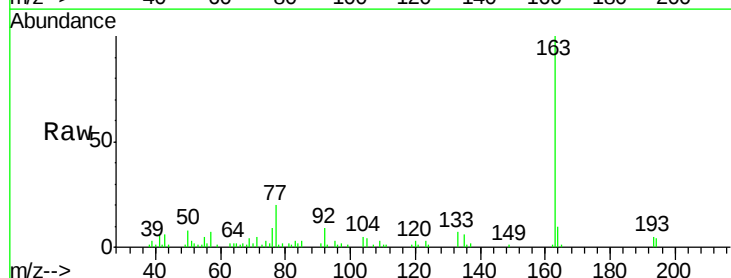


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

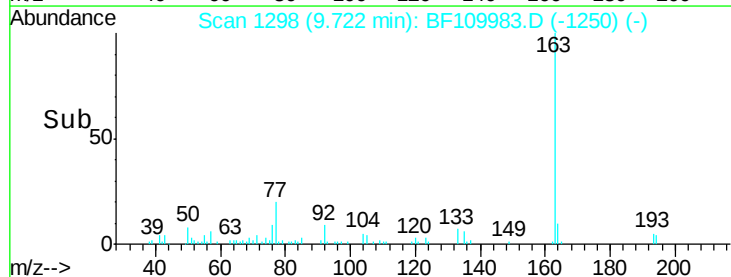
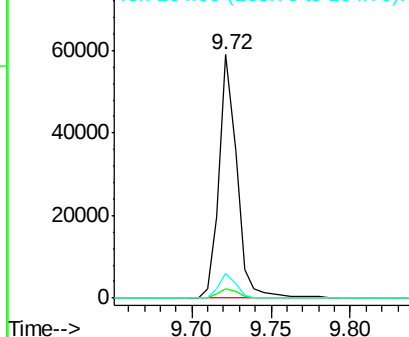


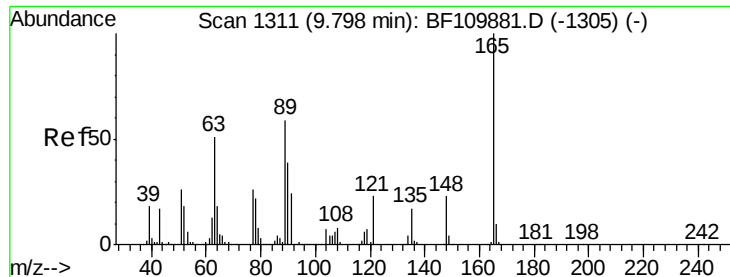
#50
Dimethylphthalate
Concen: 2.617 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109983.D
Acq: 19 Oct 2018 2:23

Tgt Ion:163 Resp: 45912
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.0 8.1 12.1



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

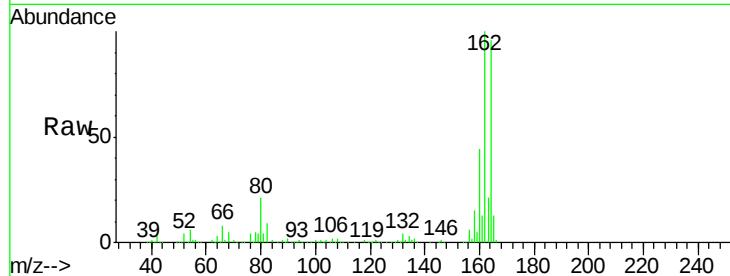




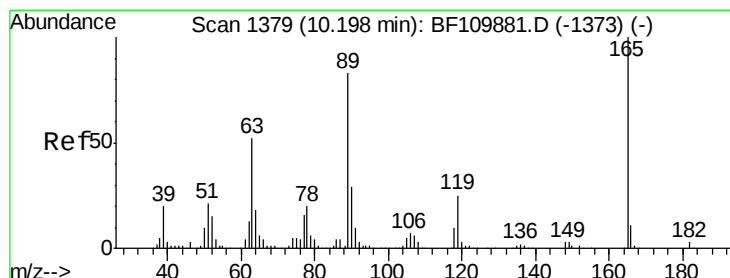
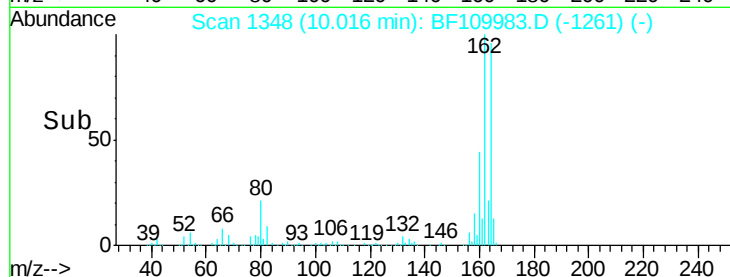
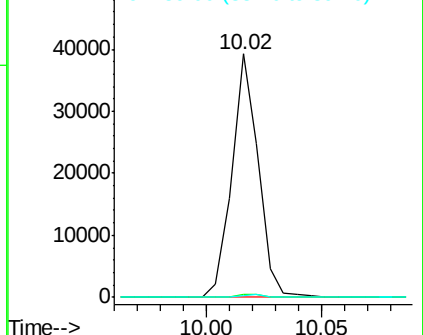
#51
 2,6-Dinitrotoluene
 Concen: 9.343 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.21 min
 Lab File: BF109983.D
 Acq: 19 Oct 2018 2:23

Instrument :
 BNA_F
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 PL-03-101718-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.9	73.3#
89	0.9	46.6	69.8#



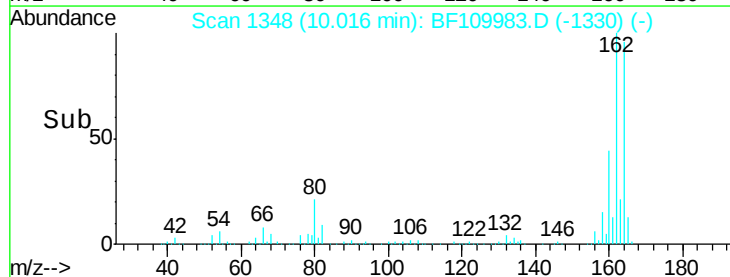
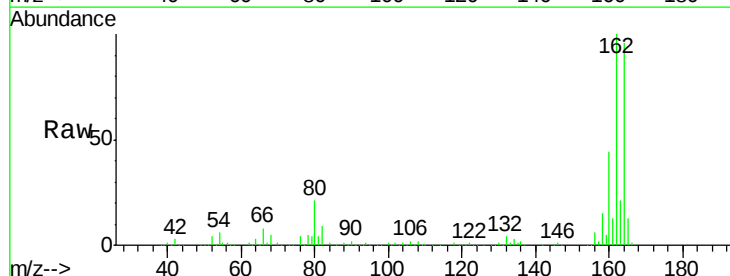
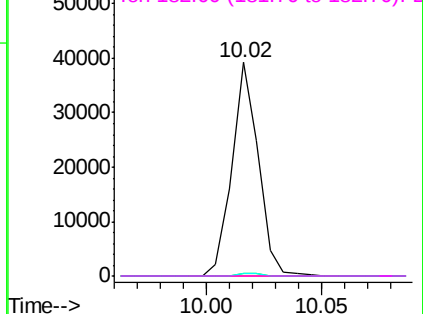
Abundance Ion 165.00 (164.70 to 165.70): E

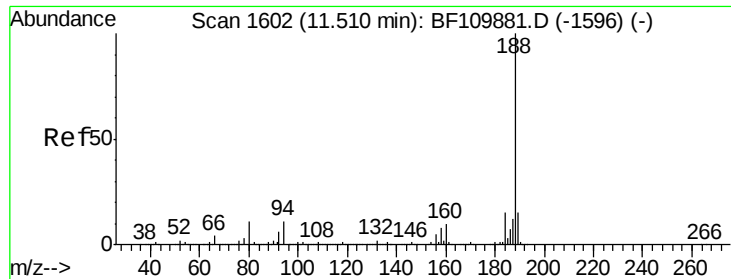


#57
 2,4-Dinitrotoluene
 Concen: 11.273 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF109983.D
 Acq: 19 Oct 2018 2:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.8	67.2#
89	0.9	62.2	93.4#
182	0.0	2.1	3.1#

Abundance Ion 165.00 (164.70 to 165.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109983.D

Acq: 19 Oct 2018 2:23

Instrument :

BNA_F

ClientSampleId :

PL-03-101718-B

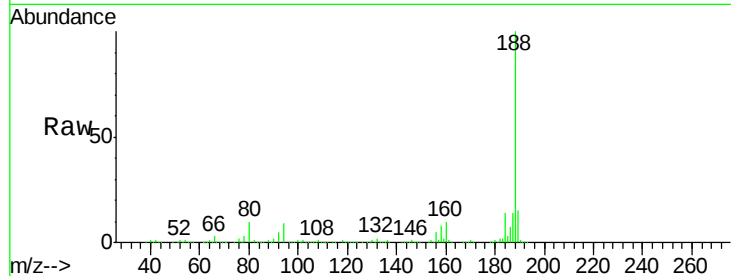
Tgt Ion:188 Resp: 429507

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

80 9.6 7.9 11.9



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

600000

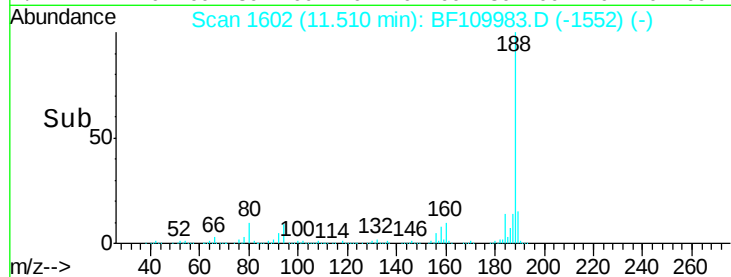
400000

200000

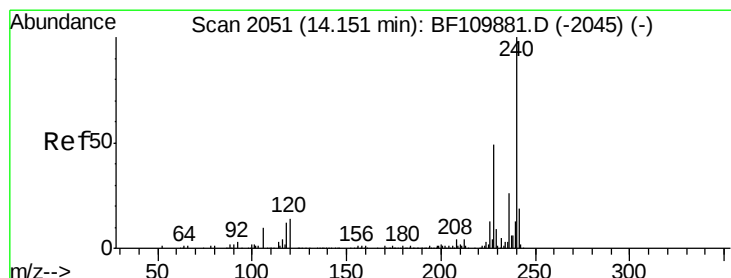
0

11.51

11.45 11.50 11.55



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF109983.D

Acq: 19 Oct 2018 2:23

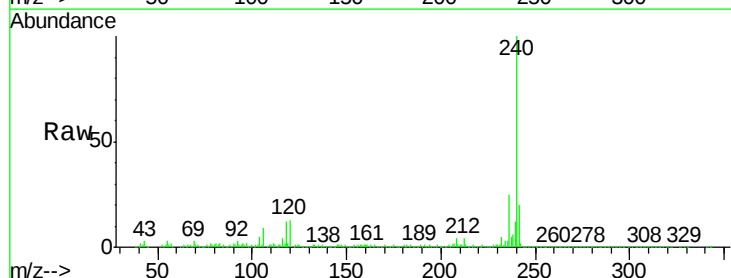
Tgt Ion:240 Resp: 368406

Ion Ratio Lower Upper

240 100

120 13.1 8.3 12.5#

236 25.4 21.2 31.8



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

500000

400000

300000

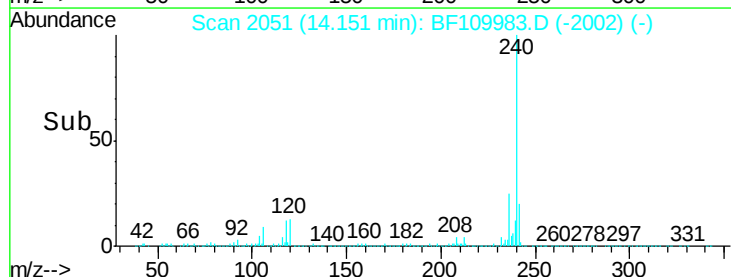
200000

100000

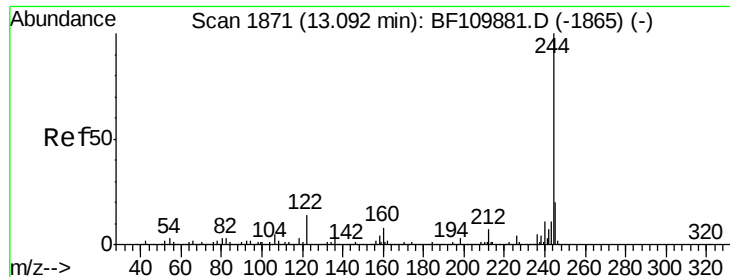
0

14.15

14.10 14.15 14.20



Time-->



#79

Terphenyl-d14

Concen: 22.364 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF109983.D

Acq: 19 Oct 2018 2:23

Instrument :

BNA_F

ClientSampleId :

PL-03-101718-B

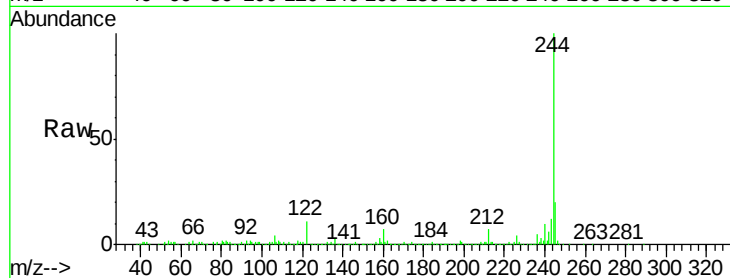
Tgt Ion:244 Resp: 392350

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 11.0 8.7 13.1

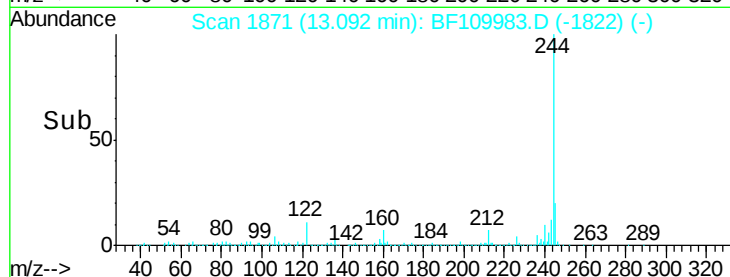


Abundance Ion 244.00 (243.70 to 244.70): E

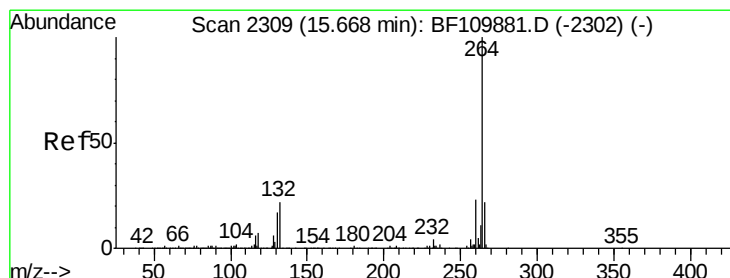
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF109983.D

Acq: 19 Oct 2018 2:23

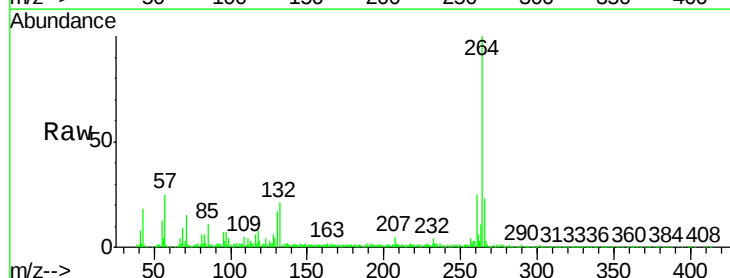
Tgt Ion:264 Resp: 272311

Ion Ratio Lower Upper

264 100

260 24.8 18.7 28.1

265 23.1 16.7 25.1

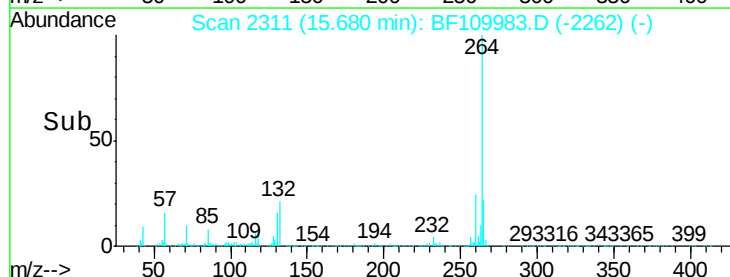


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->