

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109946.D
 Acq On : 18 Oct 2018 3:04
 Operator : JU/SJ
 Sample : J5543-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101618-SIDI-E-D-M

Quant Time: Oct 18 12:04:56 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

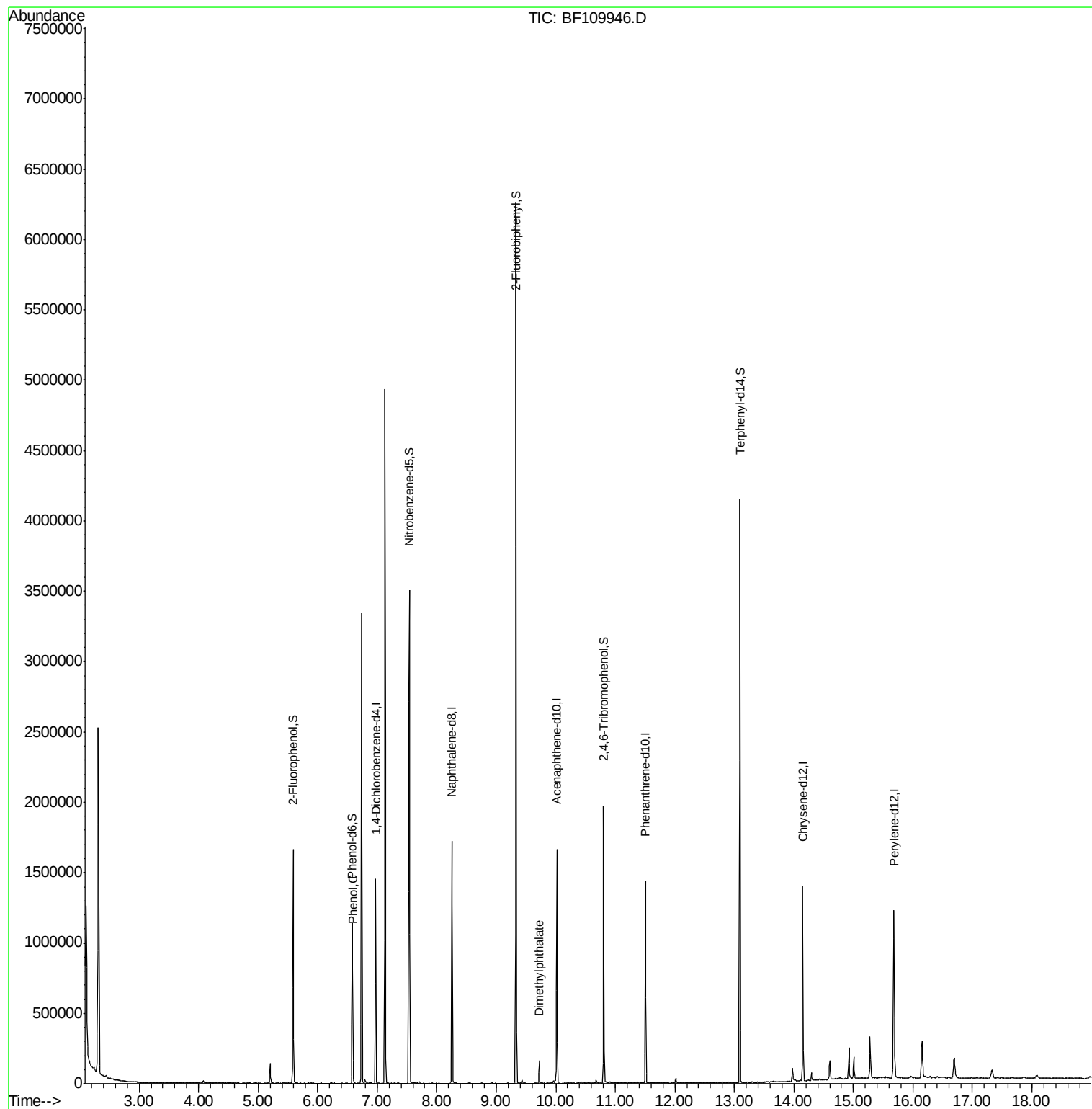
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	194059	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	751877	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	305007	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	468522	20.00	ng	0.00
76) Chrysene-d12	14.15	240	443399	20.00	ng	-0.01
87) Perylene-d12	15.68	264	436177	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	445797	36.41	ng	-0.01
7) Phenol-d6	6.58	99	327919	21.57	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1096143	98.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.80	330	209437	79.31	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1936176	101.29	ng	0.00
79) Terphenyl-d14	13.09	244	1321300	62.58	ng	-0.01
Target Compounds						
10) Phenol	6.59	94	52068	3.172	ng	Qvalue # 63
50) Dimethylphthalate	9.72	163	54473	2.522	ng	98

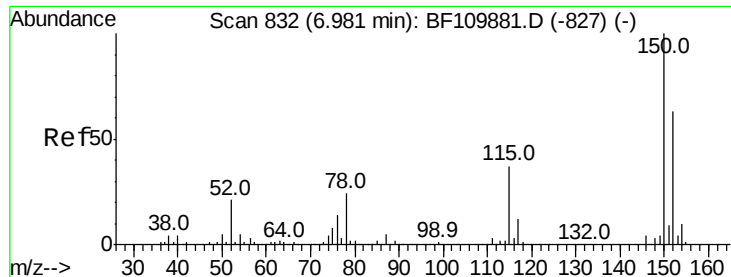
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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101618-SIDI-E-D-M

Quant Time: Oct 18 12:04:56 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



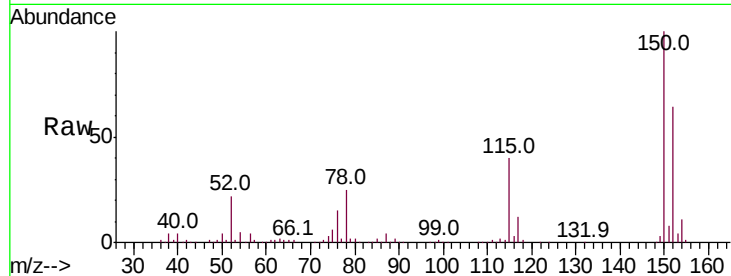


#1

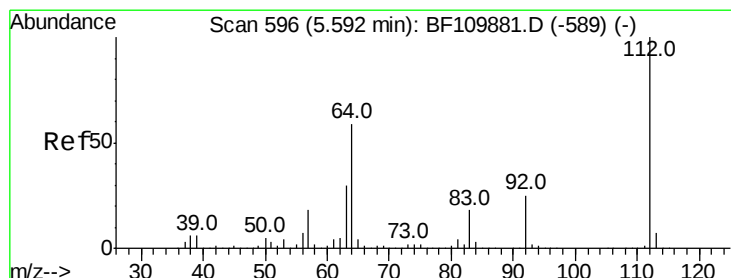
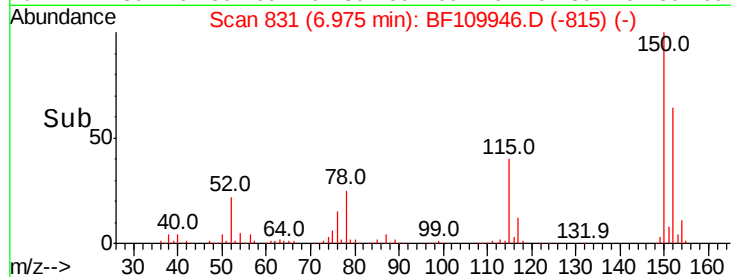
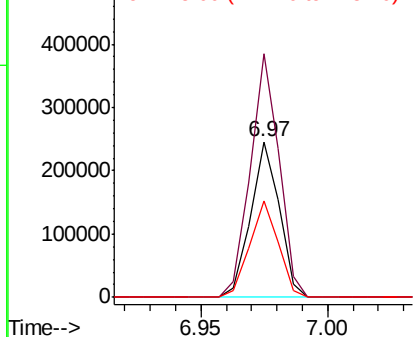
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Instrument :
BNA_F
ClientSampleId :
101618-SIDI-E-D-M

Tot Ion:152 Resp: 194059
Ion Ratio Lower Upper
152 100
150 156.3 122.7 184.1
115 62.1 49.1 73.7



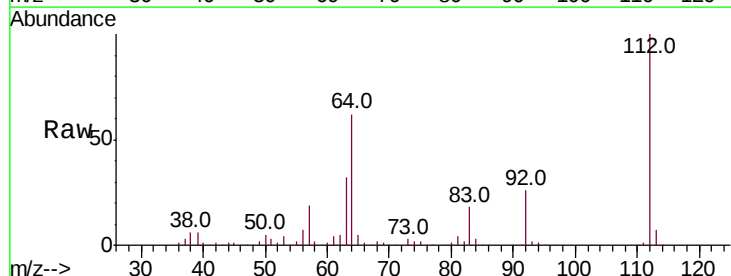
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



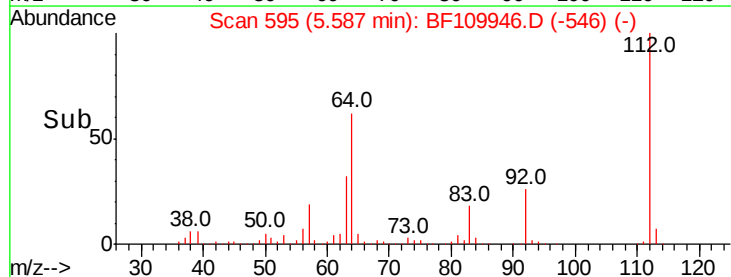
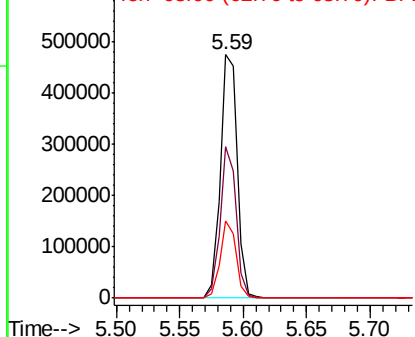
#5

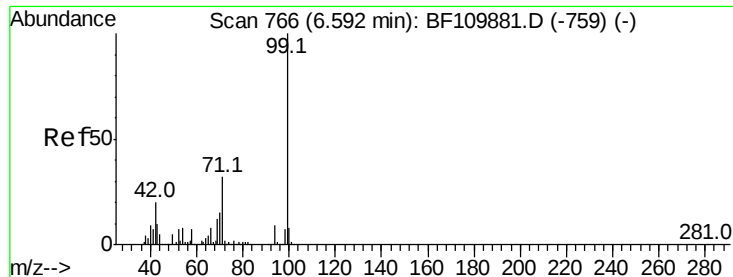
2-Fluorophenol
Concen: 36.414 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Tgt Ion:112 Resp: 445797
Ion Ratio Lower Upper
112 100
64 62.2 44.1 66.1
63 31.7 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: 21.571 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF109946.D

Acq: 18 Oct 2018 3:04

Instrument :

BNA_F

ClientSampleId :

101618-SIDI-E-D-M

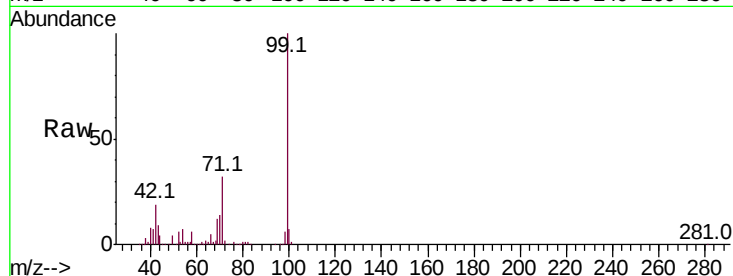
Tot Ion: 99 Resp: 327919

Ion Ratio Lower Upper

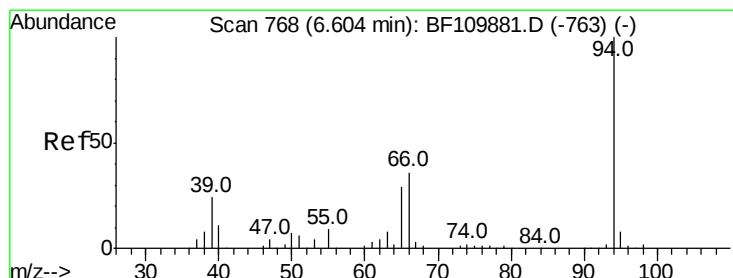
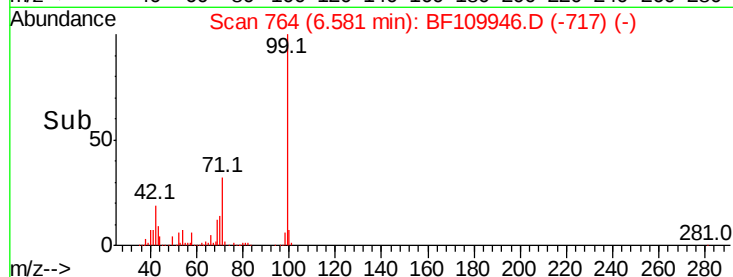
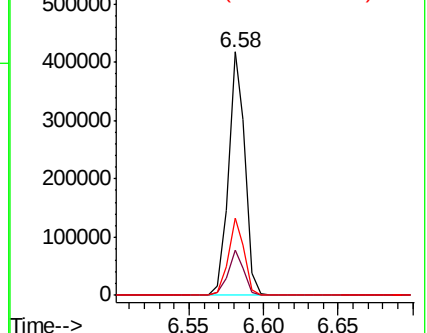
99 100

42 18.6 15.8 23.6

71 31.8 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: 3.172 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF109946.D

Acq: 18 Oct 2018 3:04

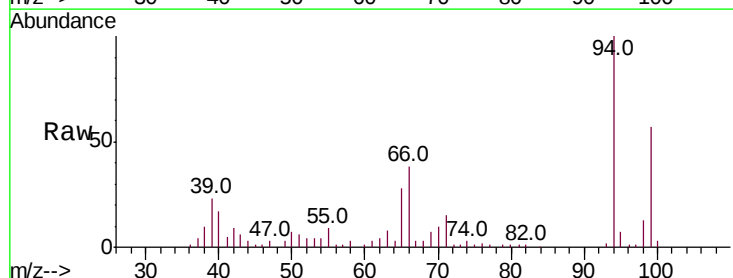
Tgt Ion: 94 Resp: 52068

Ion Ratio Lower Upper

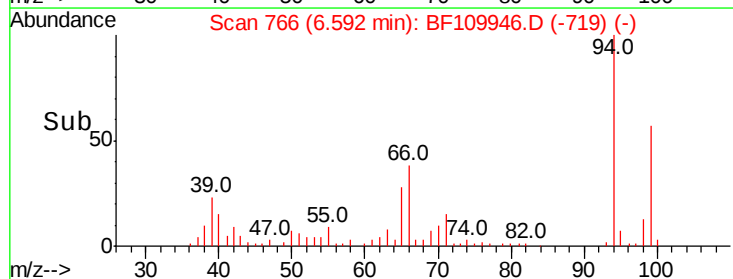
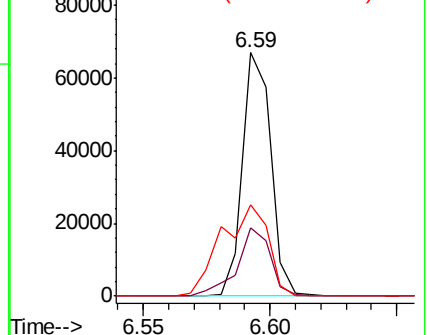
94 100

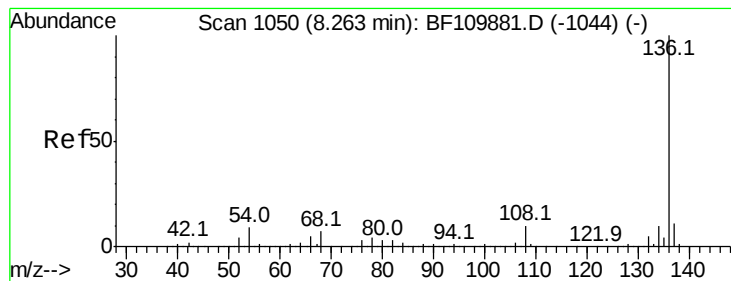
65 28.3 25.3 65.3

66 37.7 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109946.D

Acq: 18 Oct 2018 3:04

Instrument :

BNA_F

ClientSampleId :

101618-SIDI-E-D-M

Tot Ion:136 Resp: 751877

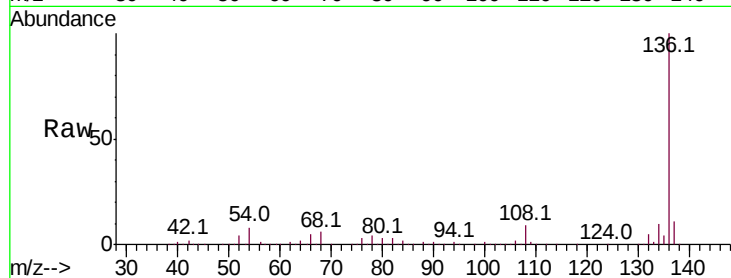
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 8.4 5.4 8.2#

68 6.5 4.2 6.2#

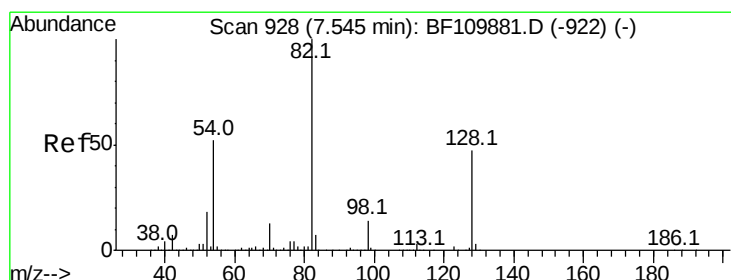
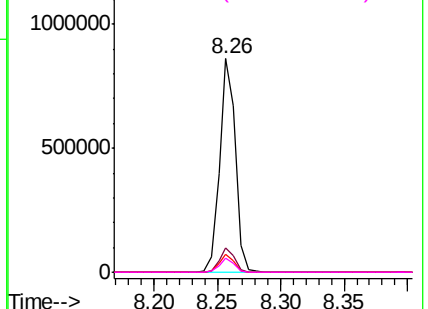
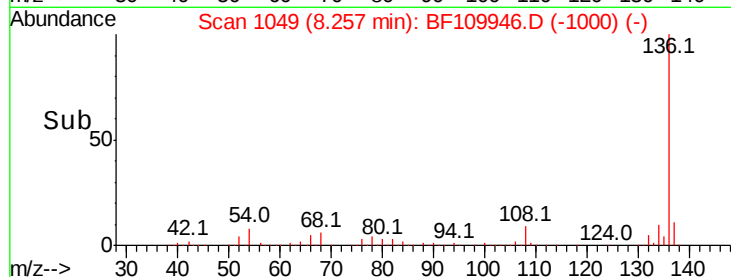


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.208 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF109946.D

Acq: 18 Oct 2018 3:04

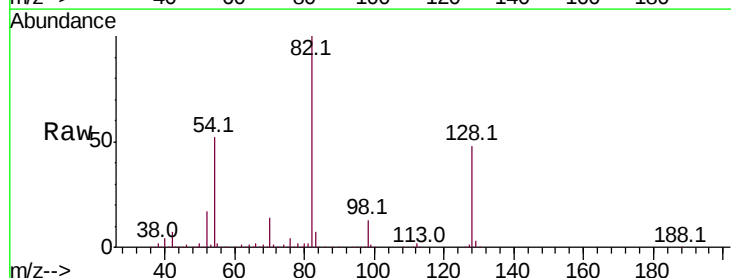
Tgt Ion: 82 Resp: 1096143

Ion Ratio Lower Upper

82 100

128 48.1 34.2 51.2

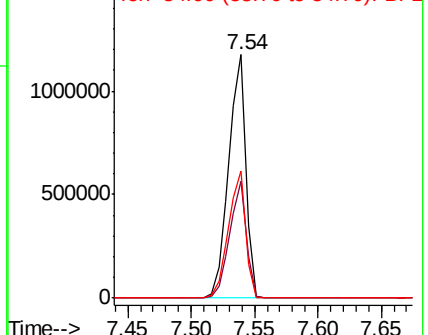
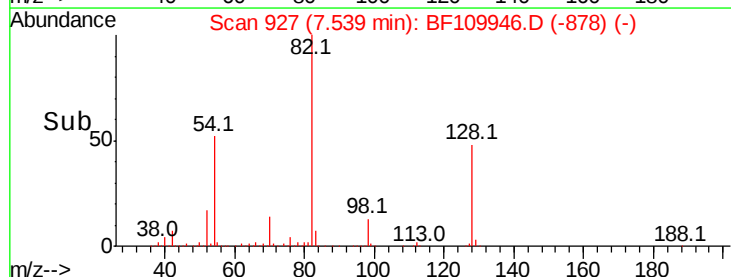
54 52.3 38.6 58.0

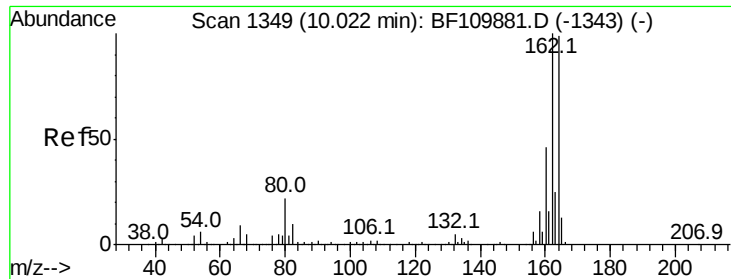


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

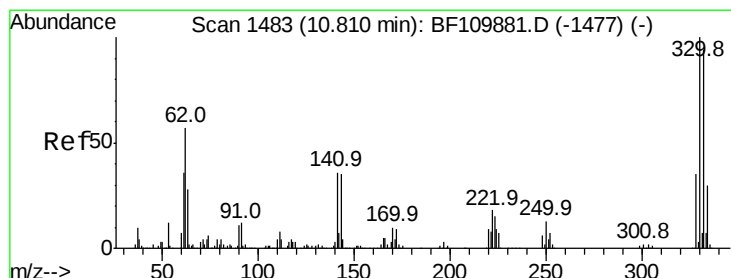
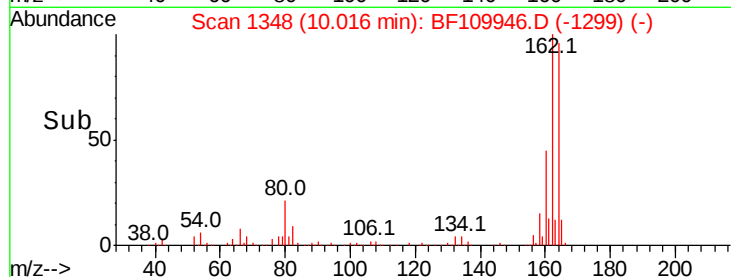
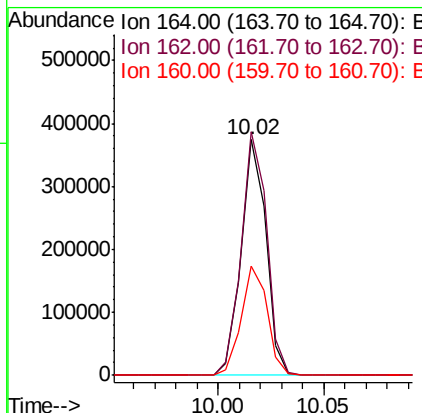
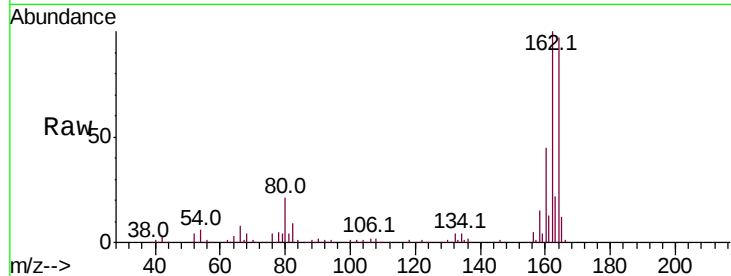




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF109946.D
 Acq: 18 Oct 2018 3:04

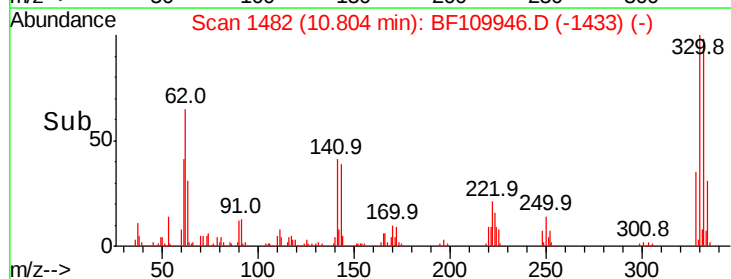
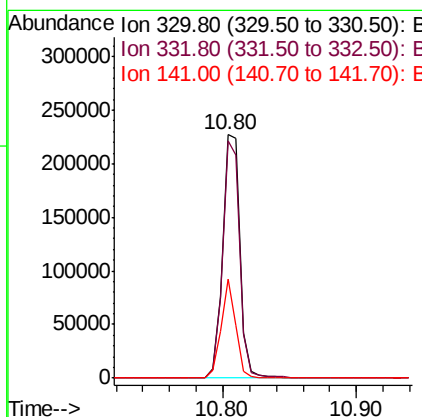
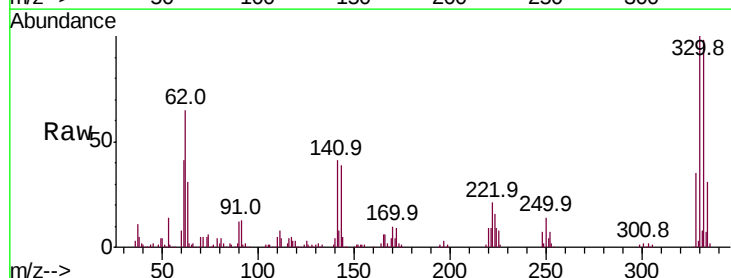
Instrument :
 BNA_F
 ClientSampleId :
 101618-SIDI-E-D-M

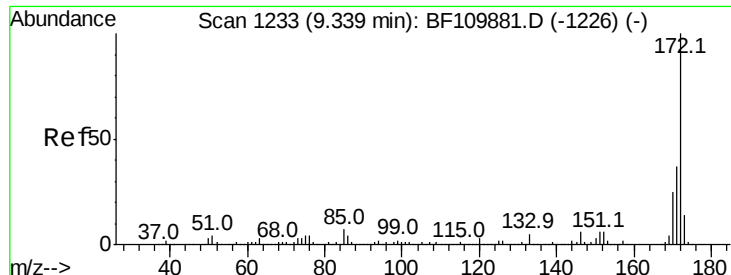
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	46.2	37.0	55.6



#42
 2,4,6-Tribromophenol
 Concen: 79.312 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF109946.D
 Acq: 18 Oct 2018 3:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	34.2	27.0	40.4



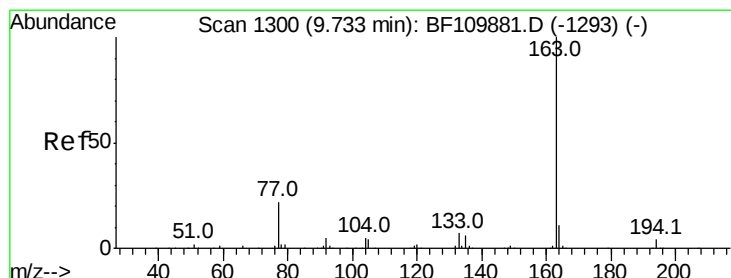
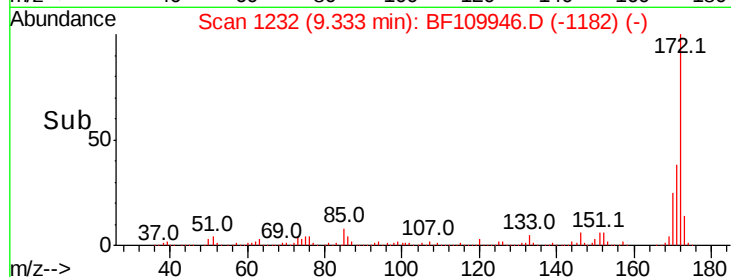
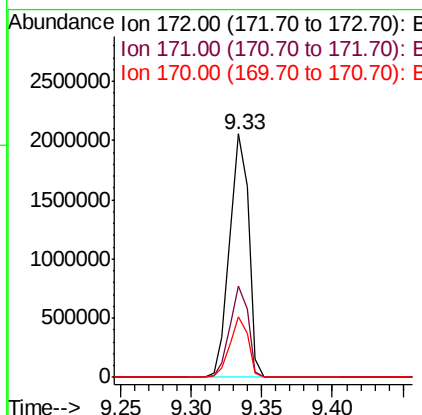
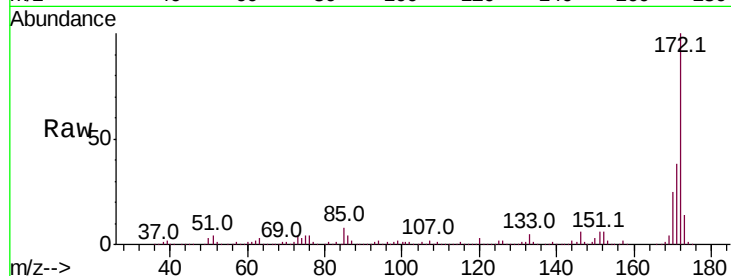


#45
 2-Fluorobiphenyl
 Concen: 101.292 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109946.D
 Acq: 18 Oct 2018 3:04

Instrument :
 BNA_F
 ClientSampleId :
 101618-SIDI-E-D-M

Tot Ion:172 Resp: 1936176

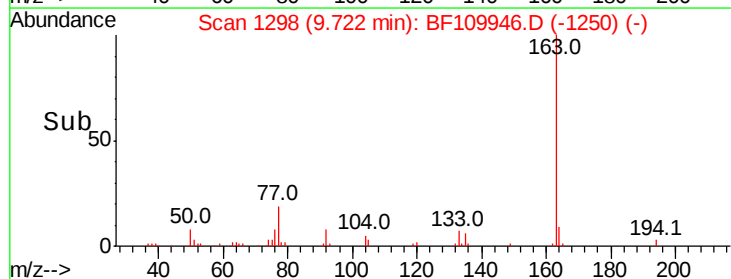
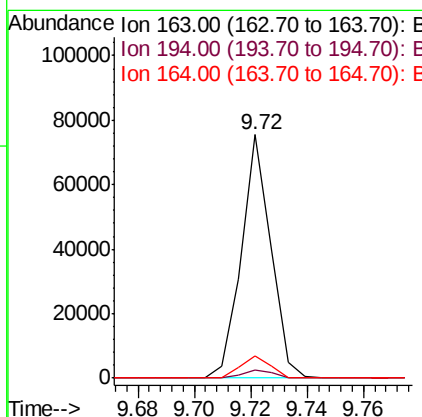
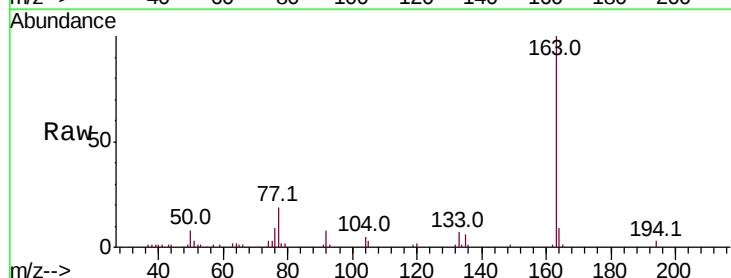
Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.6	43.0
170	24.9	19.7	29.5

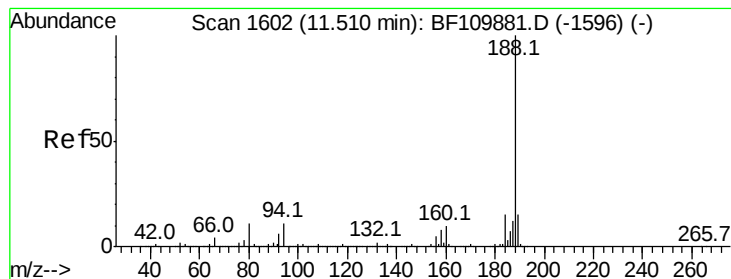


#50
 Dimethylphthalate
 Concen: 2.522 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF109946.D
 Acq: 18 Oct 2018 3:04

Tgt Ion:163 Resp: 54473

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.2	4.8
164	9.3	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109946.D

Acq: 18 Oct 2018 3:04

Instrument :

BNA_F

ClientSampleId :

101618-SIDI-E-D-M

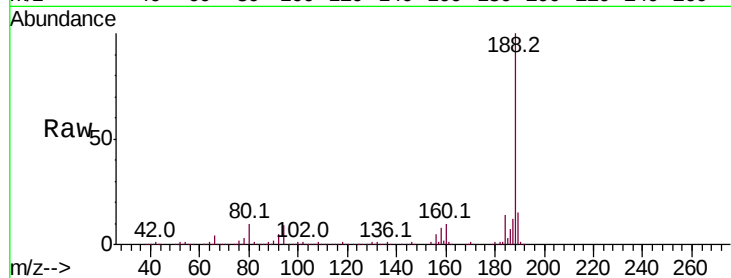
Tot Ion:188 Resp: 468522

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

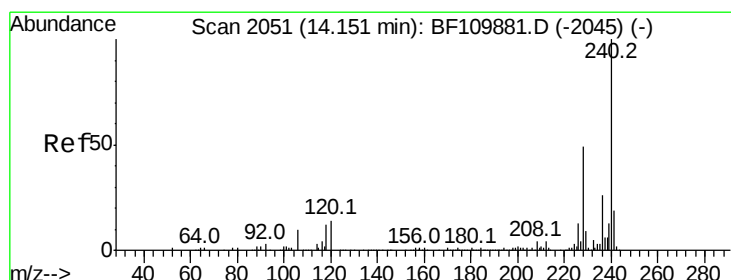
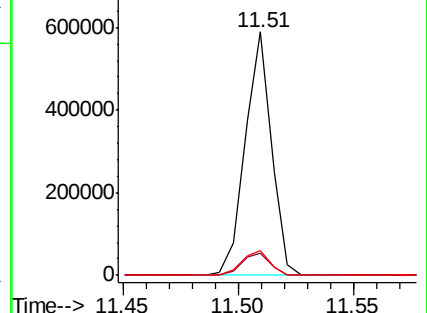
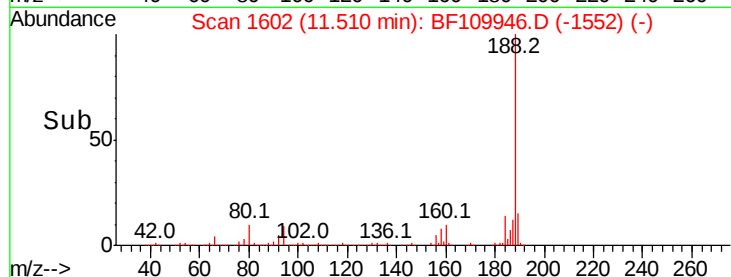
80 10.2 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF109946.D

Acq: 18 Oct 2018 3:04

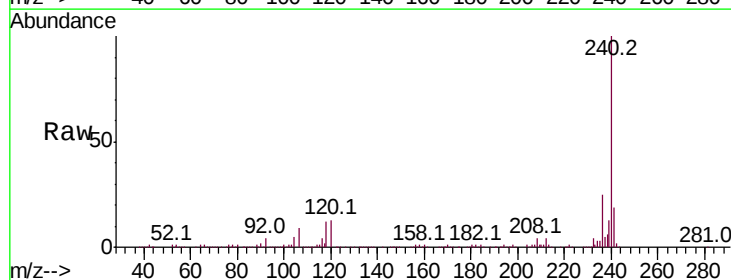
Tgt Ion:240 Resp: 443399

Ion Ratio Lower Upper

240 100

120 13.0 8.3 12.5#

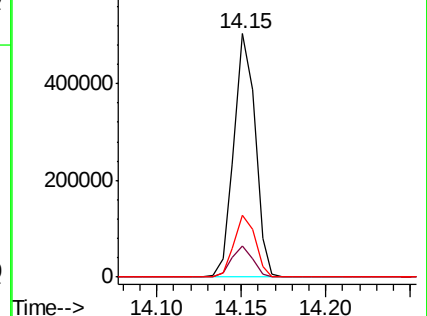
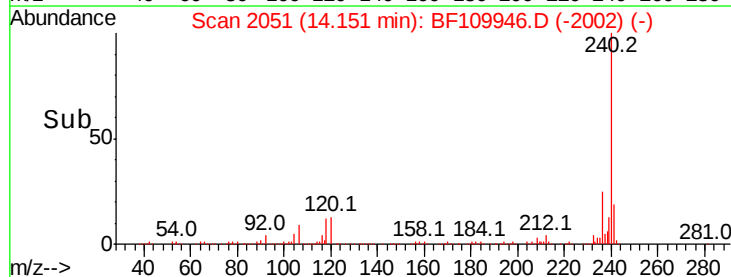
236 25.4 21.2 31.8

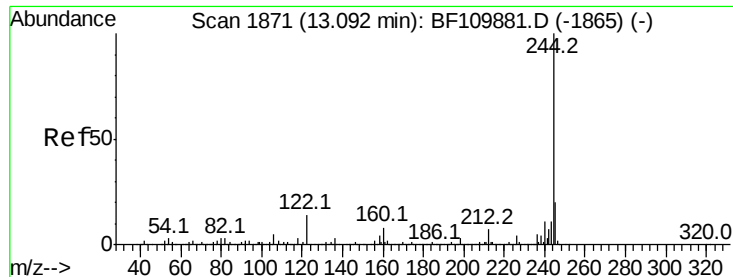


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

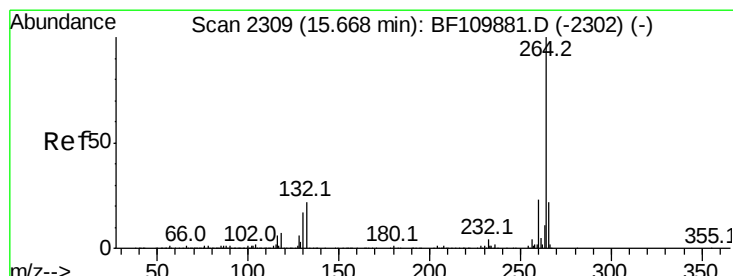
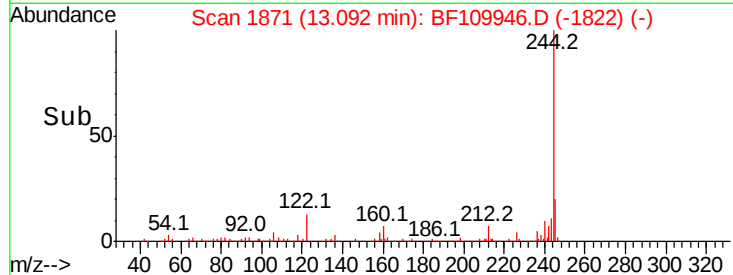
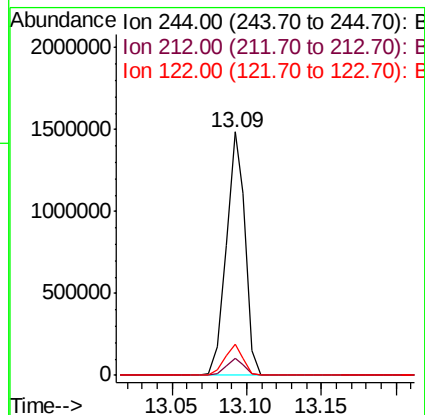
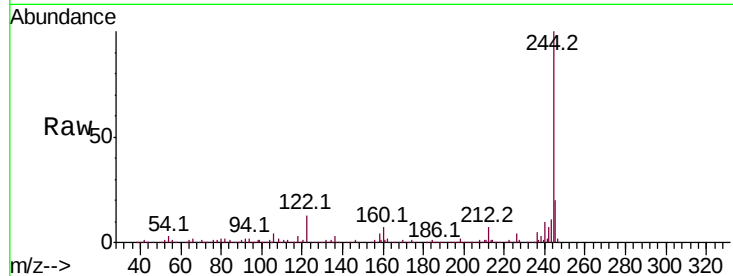




#79
 Terphenyl-d14
 Concen: 62.576 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109946.D
 Acq: 18 Oct 2018 3:04

Instrument :
 BNA_F
 ClientSampleId :
 101618-SIDI-E-D-M

Tot Ion:244 Resp: 1321300
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 12.9 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: BF109946.D
 Acq: 18 Oct 2018 3:04

Tgt Ion:264 Resp: 436177
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 21.0 16.7 25.1

