

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109941.D
 Acq On : 18 Oct 2018 00:50
 Operator : JU/SJ
 Sample : J5542-02 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 10:43:33 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

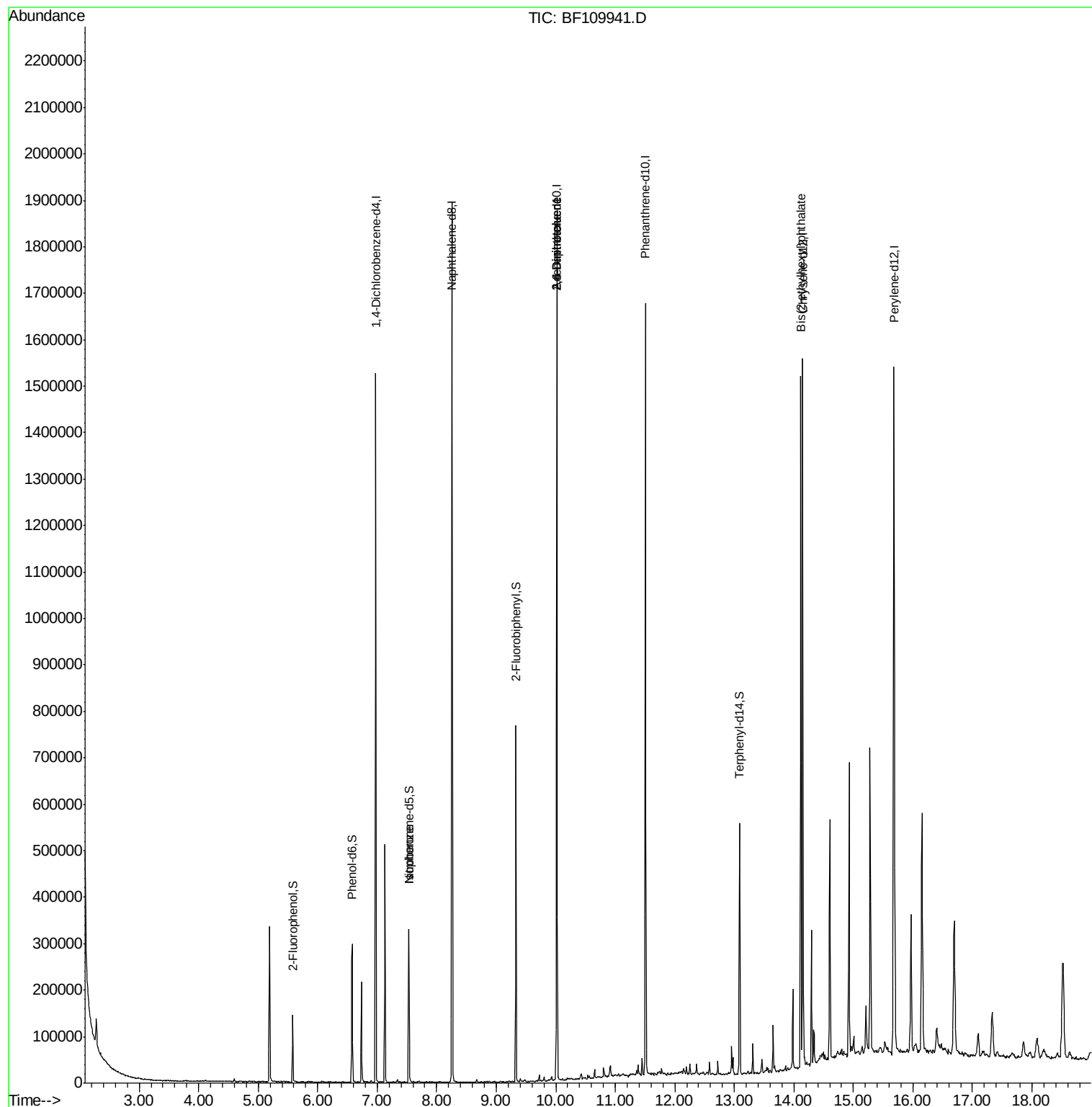
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	210239	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	811536	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	344253	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	558640	20.00	ng	0.00
76) Chrysene-d12	14.15	240	466178	20.00	ng	-0.01
87) Perylene-d12	15.68	264	470129	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	35686	2.69	ng	-0.02
7) Phenol-d6	6.58	99	95130	5.78	ng	-0.02
23) Nitrobenzene-d5	7.53	82	101103	8.39	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	2306	0.77	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	227956	10.57	ng	-0.01
79) Terphenyl-d14	13.09	244	170701	7.69	ng	-0.02
Target Compounds						
25) Isophorone	7.53	82	101101	4.271	ng	# 67
51) 2,6-Dinitrotoluene	10.02	165	44504	9.612	ng	# 22
57) 2,4-Dinitrotoluene	10.02	165	44504	11.466	ng	# 19
84) Bis(2-ethylhexyl)phthalate	14.12	149	393670	21.613	ng	95

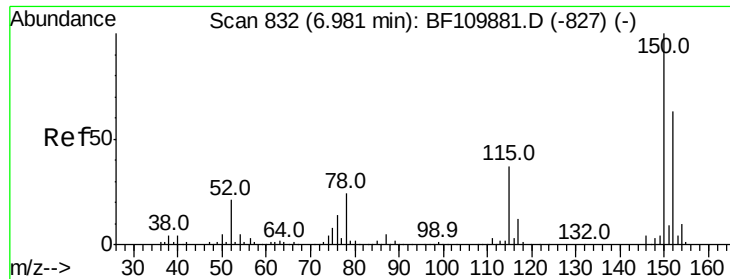
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 18 10:43:33 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



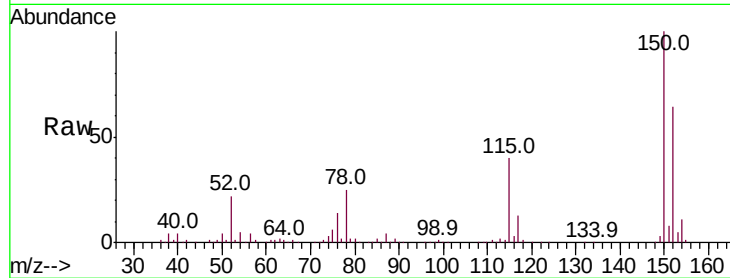


#1

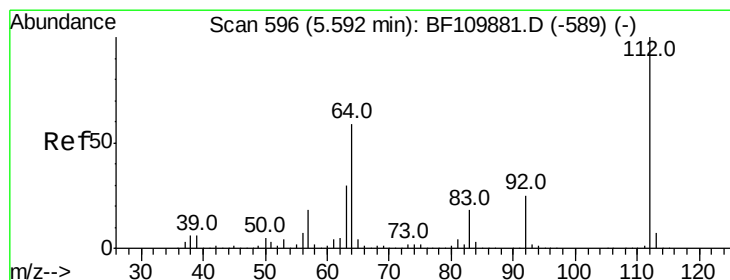
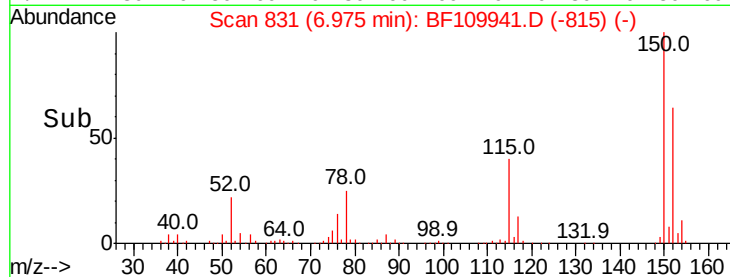
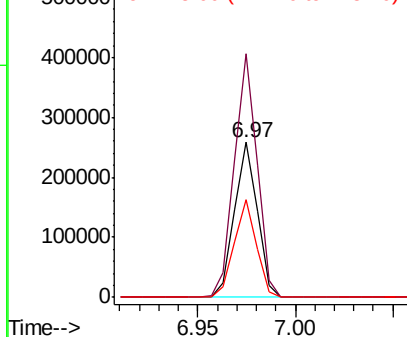
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109941.D
Acq: 18 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 210239
Ion Ratio Lower Upper
152 100
150 157.1 122.7 184.1
115 62.7 49.1 73.7



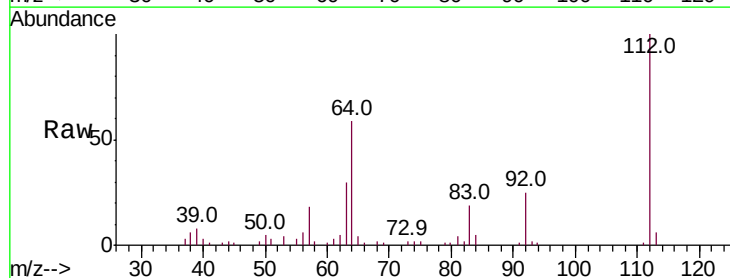
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



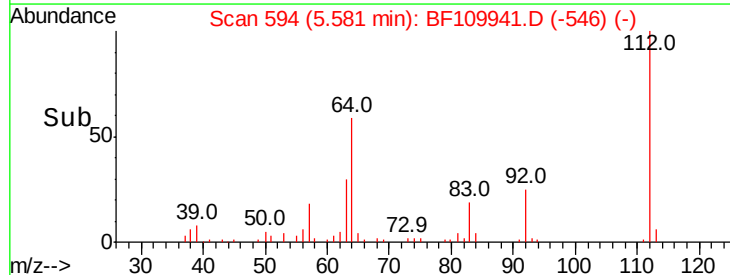
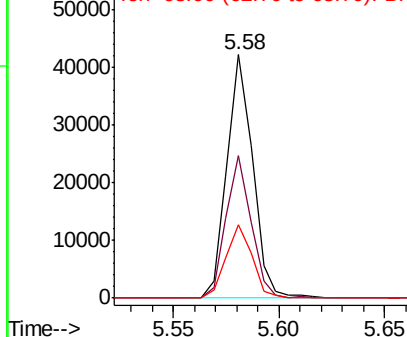
#5

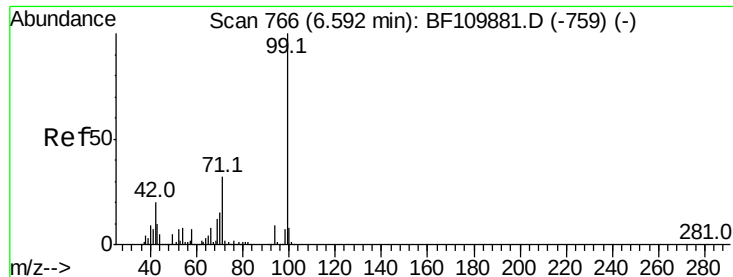
2-Fluorophenol
Concen: 2.691 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF109941.D
Acq: 18 Oct 2018 00:50

Tgt Ion:112 Resp: 35686
Ion Ratio Lower Upper
112 100
64 58.7 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: 5.776 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF109941.D

Acq: 18 Oct 2018 00:50

Instrument :

BNA_F

ClientSampled :

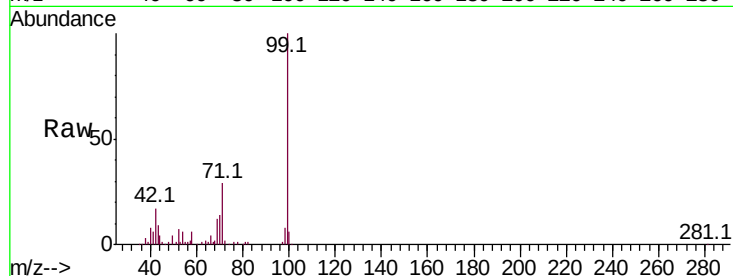
Tot Ion: 99 Resp: 95130

Ion Ratio Lower Upper

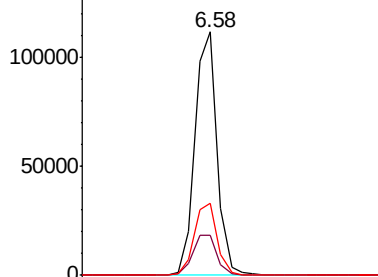
99 100

42 16.6 15.8 23.6

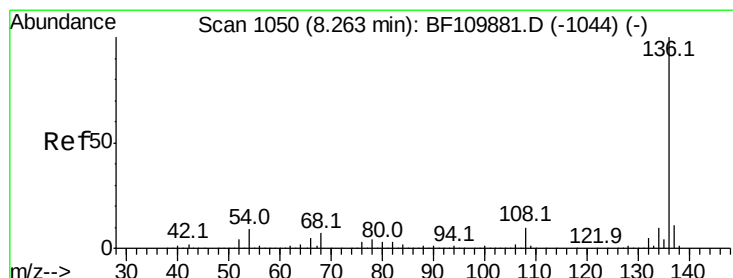
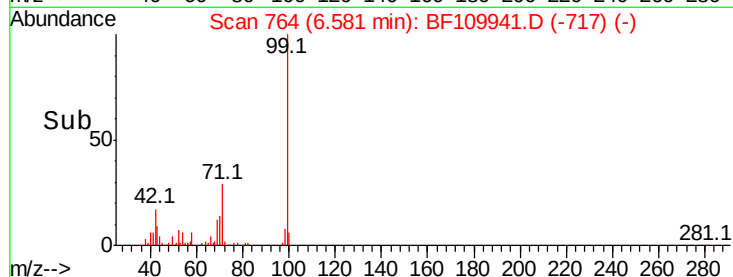
71 29.5 28.0 42.0



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109941.D

Acq: 18 Oct 2018 00:50

Tgt Ion: 136 Resp: 811536

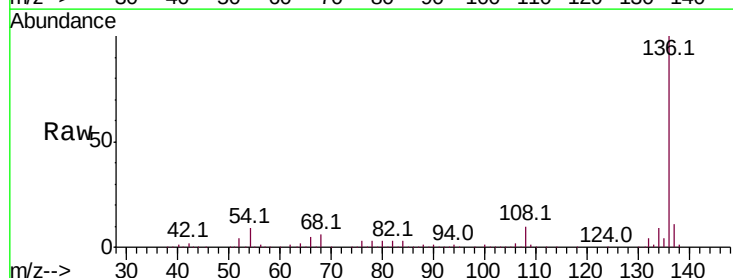
Ion Ratio Lower Upper

136 100

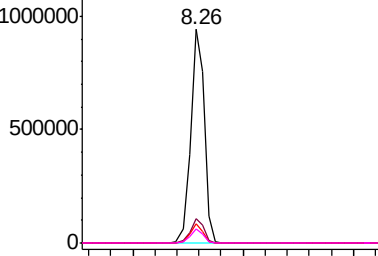
137 11.1 8.8 13.2

54 8.7 5.4 8.2#

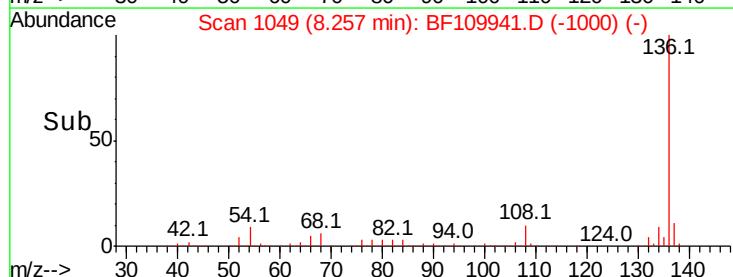
68 6.5 4.2 6.2#

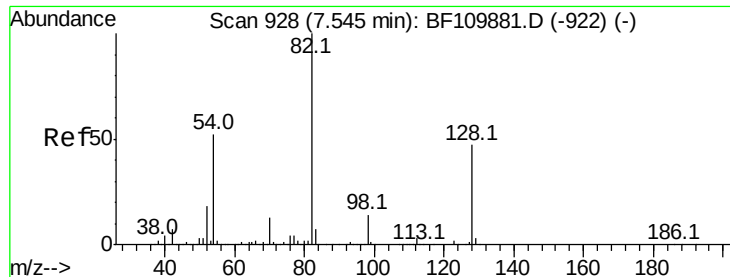


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->





#23

Nitrobenzene-d5

Concen: 8.392 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF109941.D

Acq: 18 Oct 2018 00:50

Instrument :

BNA_F

ClientSampled :

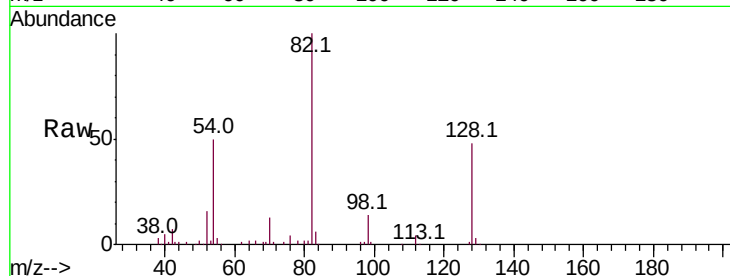
Tot Ion: 82 Resp: 101103

Ion Ratio Lower Upper

82 100

128 48.2 34.2 51.2

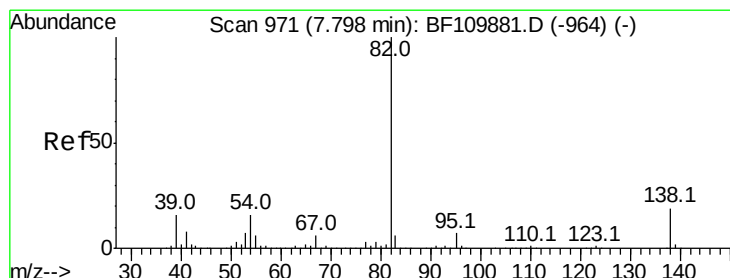
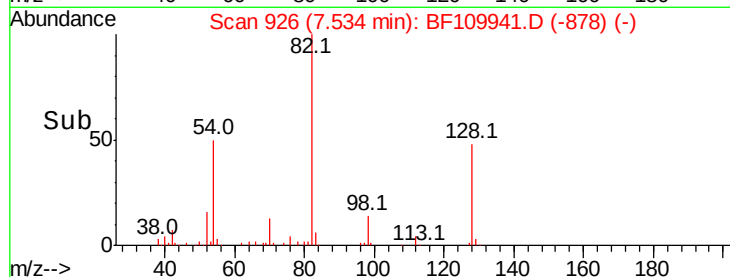
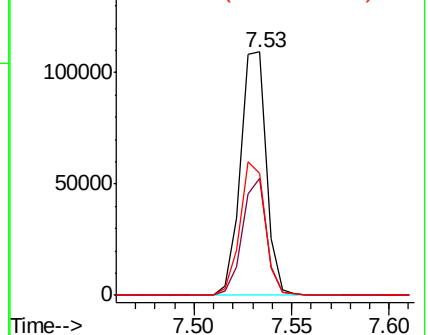
54 50.0 38.6 58.0



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: 4.271 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF109941.D

Acq: 18 Oct 2018 00:50

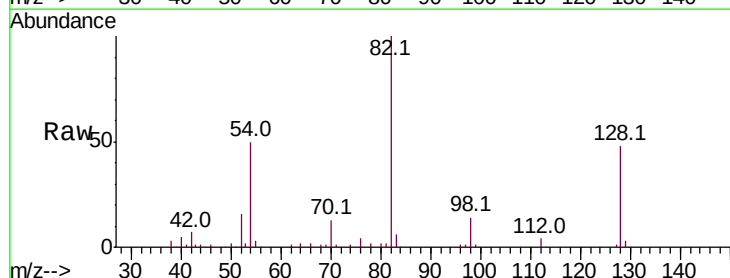
Tgt Ion: 82 Resp: 101101

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

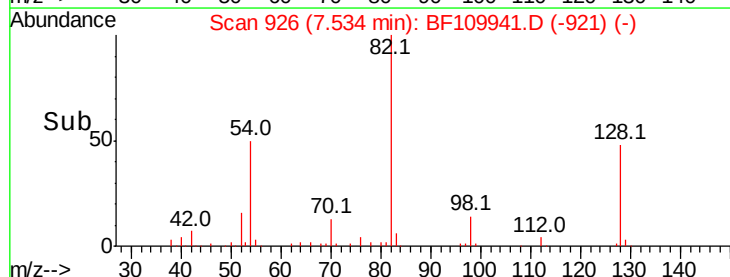
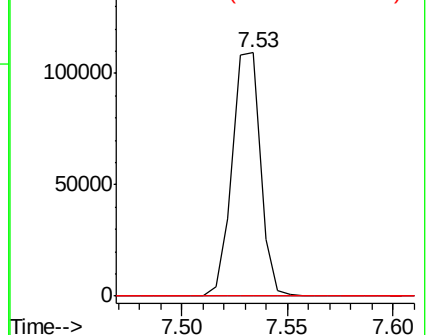
138 0.0 13.2 19.8#

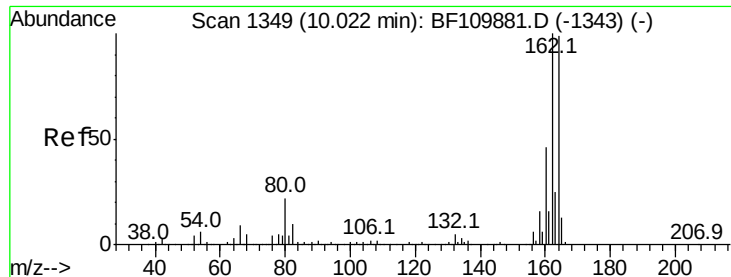


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF109941.D

Acq: 18 Oct 2018 00:50

Instrument :

BNA_F

ClientSampled :

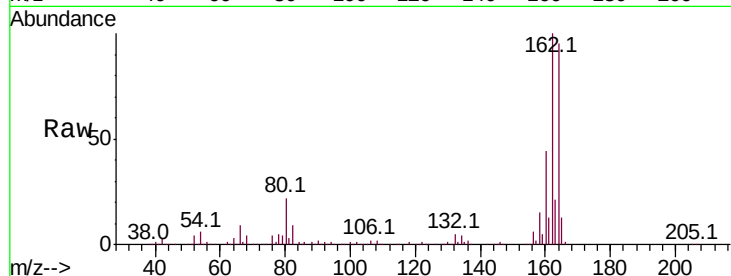
Tot Ion:164 Resp: 344253

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.6

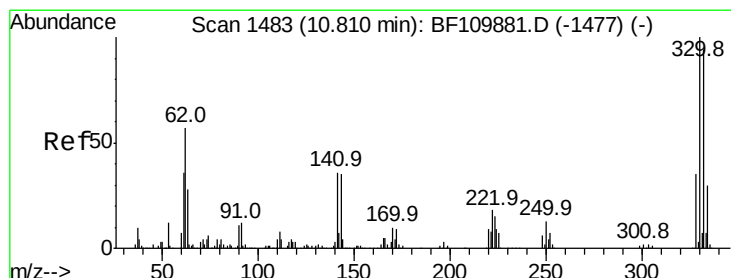
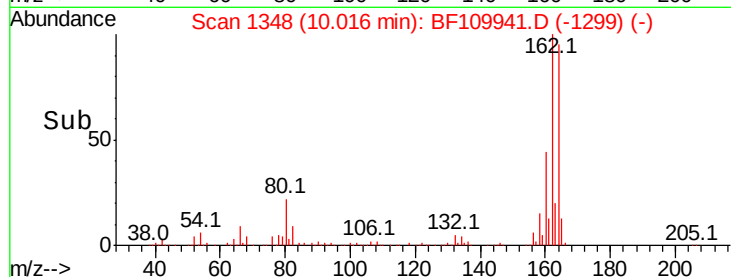
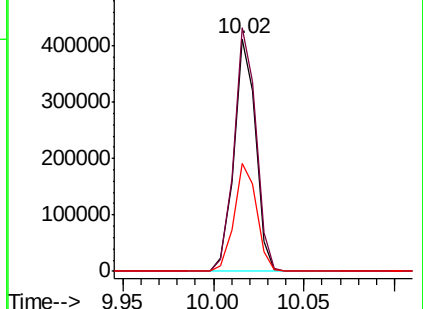
160 46.2 37.0 55.6



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: 0.774 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF109941.D

Acq: 18 Oct 2018 00:50

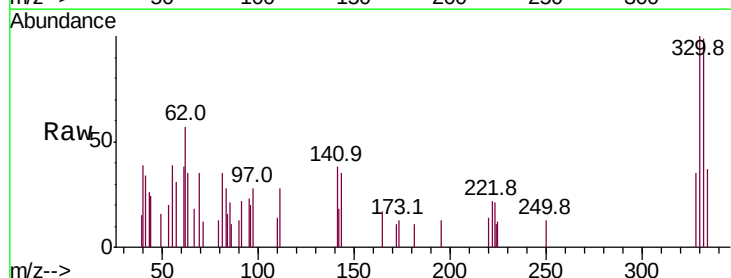
Tgt Ion:330 Resp: 2306

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

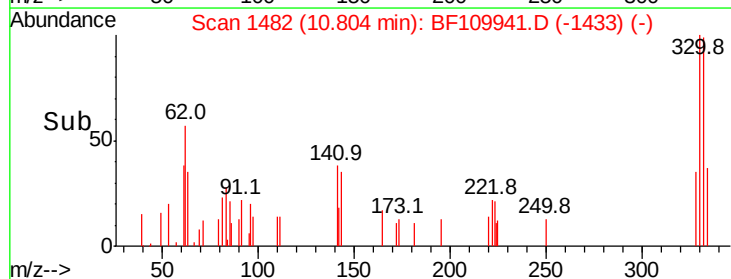
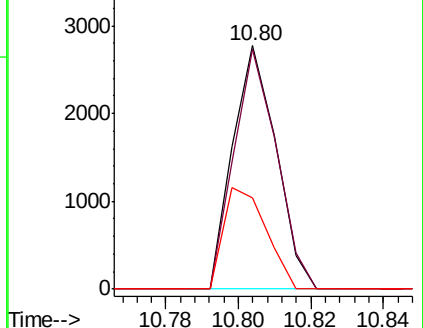
141 40.8 27.0 40.4#

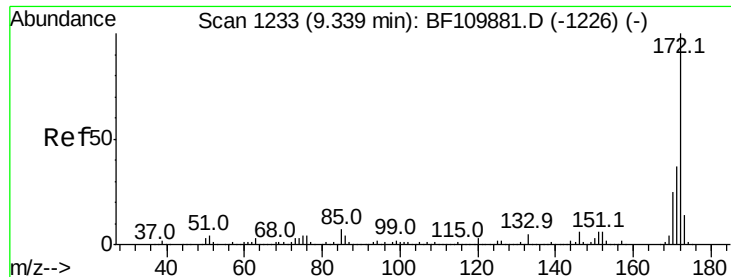


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

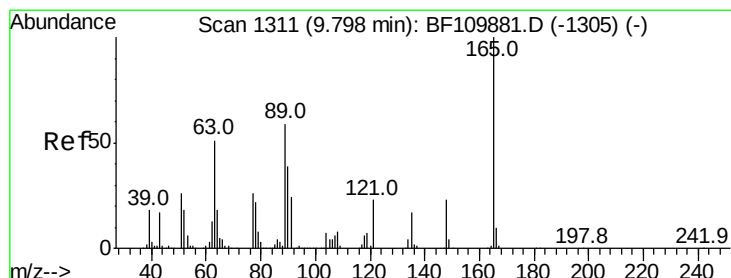
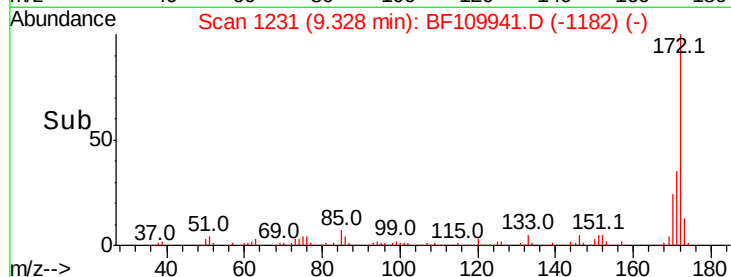
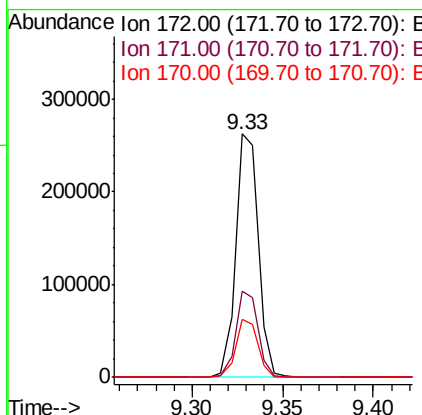
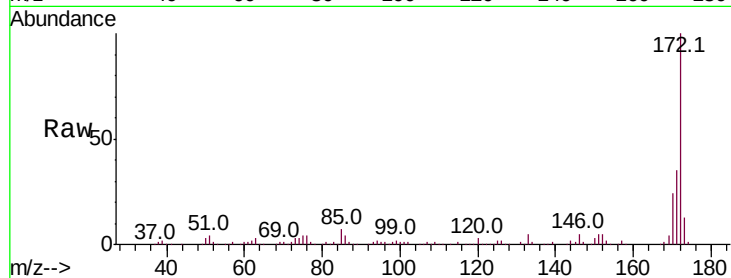




#45
 2-Fluorobiphenyl
 Concen: 10.566 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF109941.D
 Acq: 18 Oct 2018 00:50

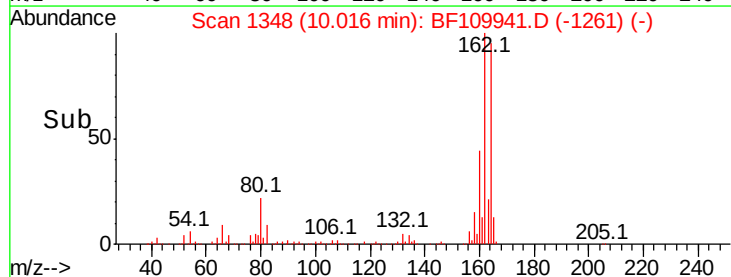
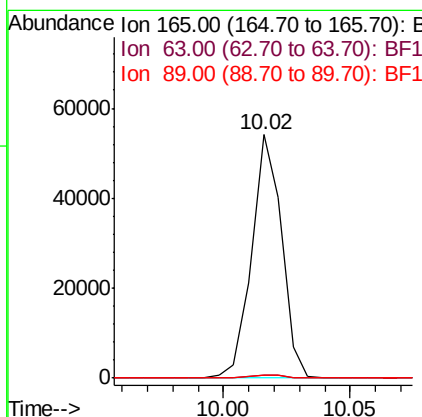
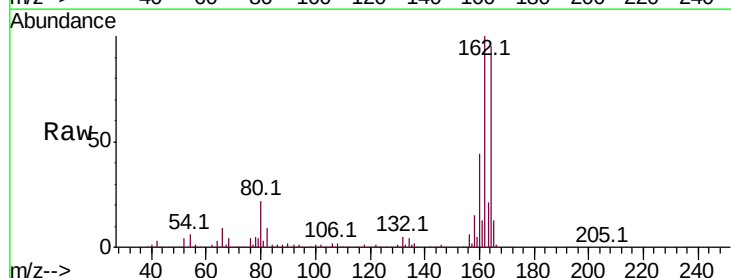
Instrument :
 BNA_F
 ClientSampleId :

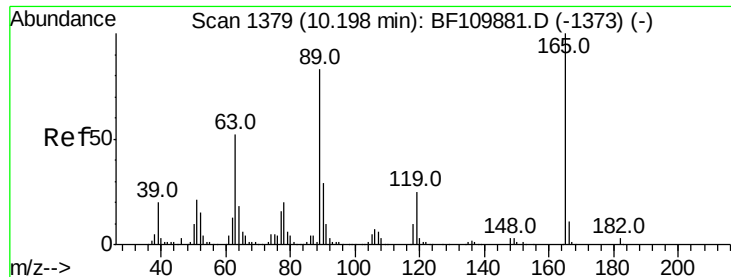
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	24.1	19.7	29.5



#51
 2,6-Dinitrotoluene
 Concen: 9.612 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.21 min
 Lab File: BF109941.D
 Acq: 18 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	48.9	73.3#
89	1.0	46.6	69.8#





#57

2,4-Dinitrotoluene

Concen: 11.466 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.19 min

Lab File: BF109941.D

Acq: 18 Oct 2018 00:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 44504

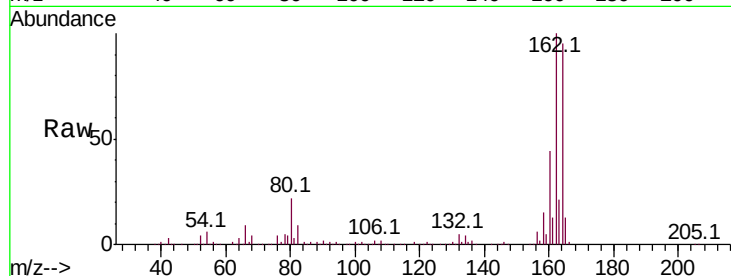
Ion Ratio Lower Upper

165 100

63 1.1 44.8 67.2#

89 1.0 62.2 93.4#

182 0.0 2.1 3.1#



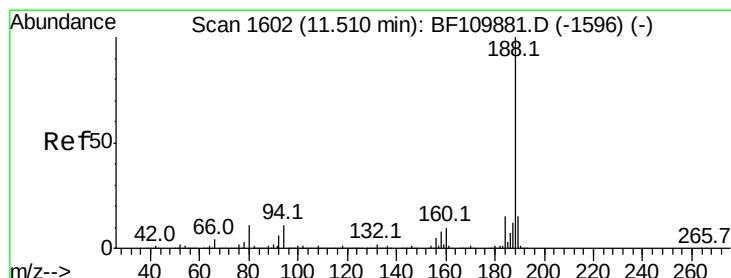
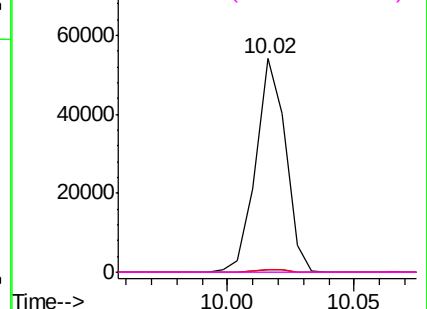
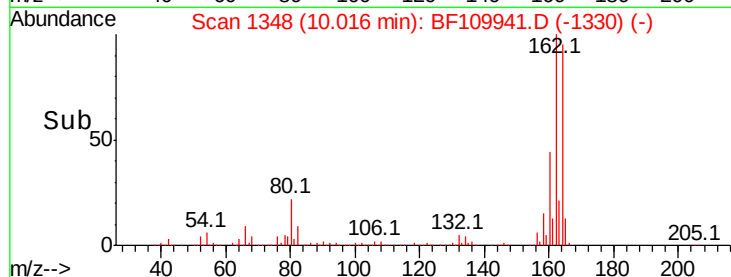
Abundance

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: BF109941.D

Acq: 18 Oct 2018 00:50

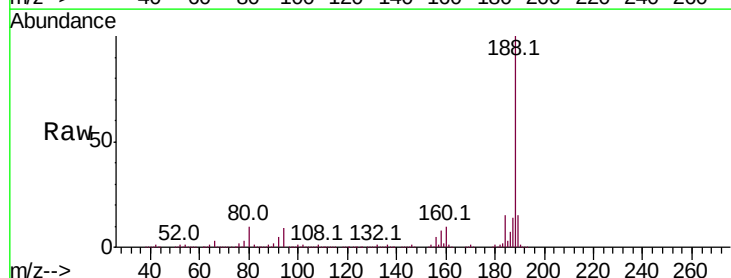
Tgt Ion:188 Resp: 558640

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

80 9.8 7.9 11.9

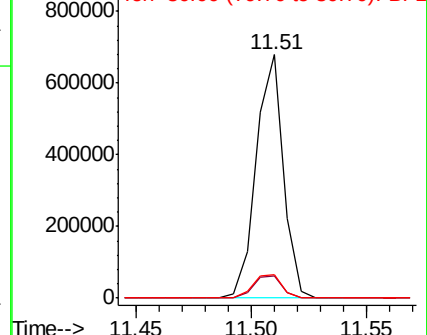
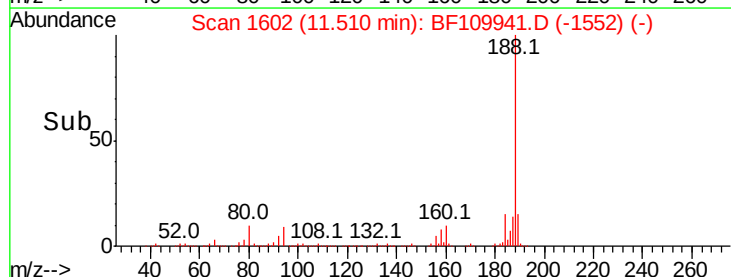


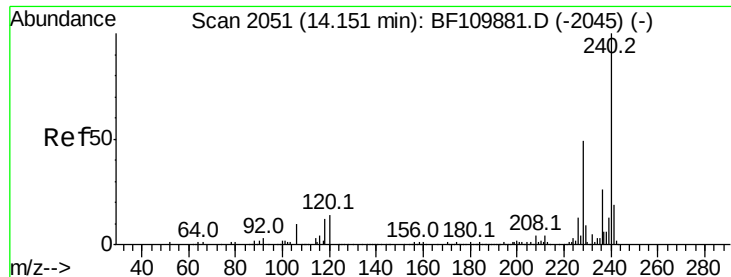
Abundance

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: BF109941.D

Acq: 18 Oct 2018 00:50

Instrument :

BNA_F

ClientSampleId :

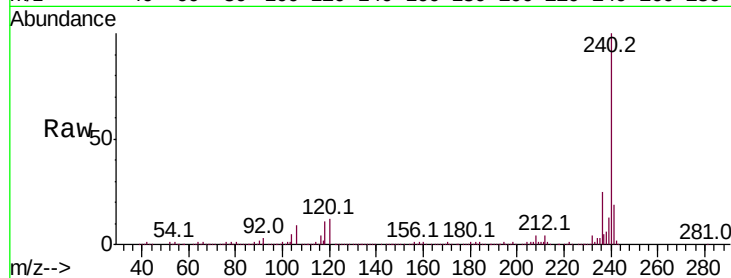
Tot Ion:240 Resp: 466178

Ion Ratio Lower Upper

240 100

120 12.5 8.3 12.5

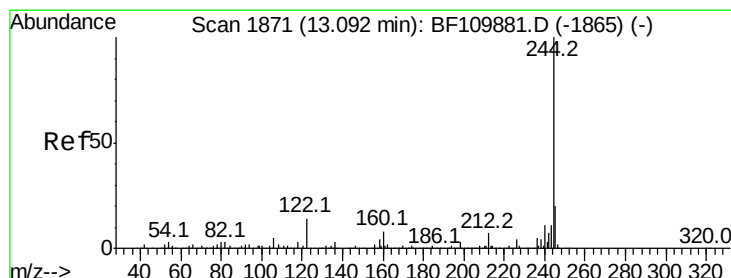
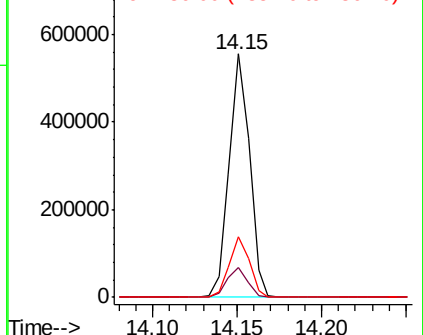
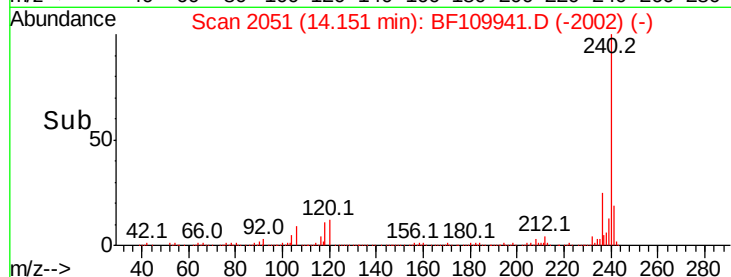
236 25.0 21.2 31.8



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: 7.689 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF109941.D

Acq: 18 Oct 2018 00:50

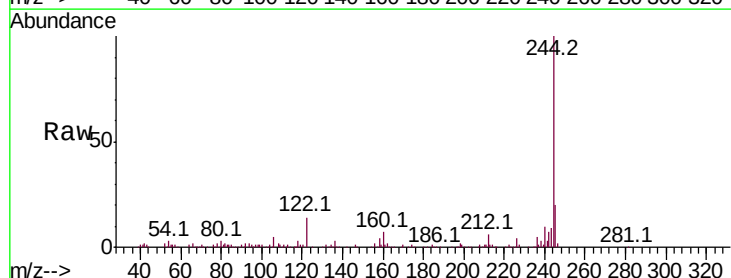
Tgt Ion:244 Resp: 170701

Ion Ratio Lower Upper

244 100

212 6.1 5.8 8.8

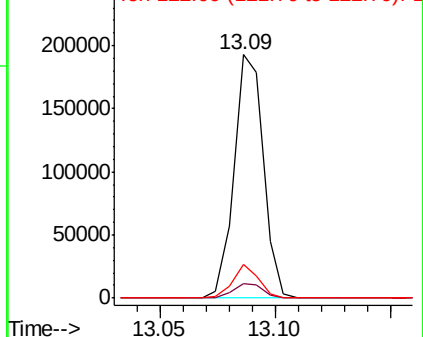
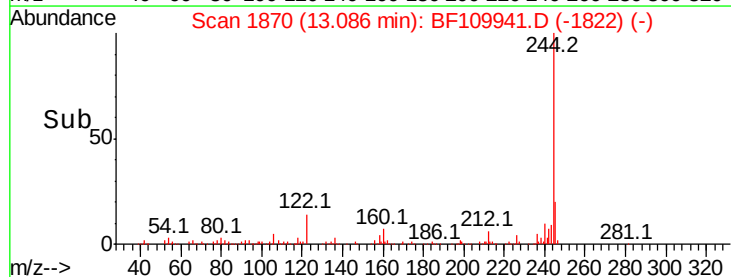
122 13.9 8.7 13.1#

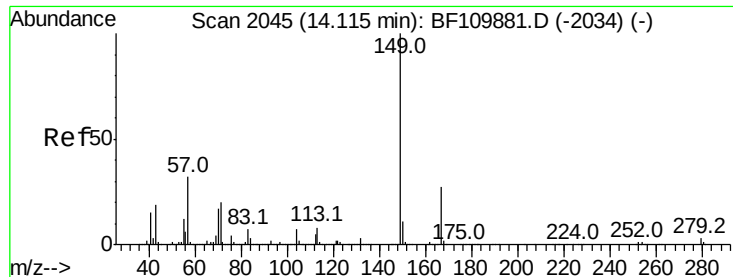


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 21.613 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF109941.D

Acq: 18 Oct 2018 00:50

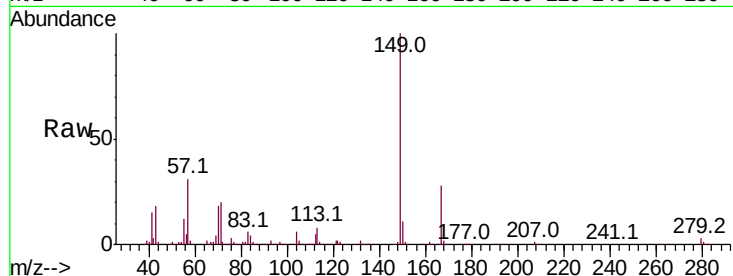
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 393670

Ion	Ratio	Lower	Upper
149	100		
167	27.6	19.8	29.8
279	3.4	2.7	4.1

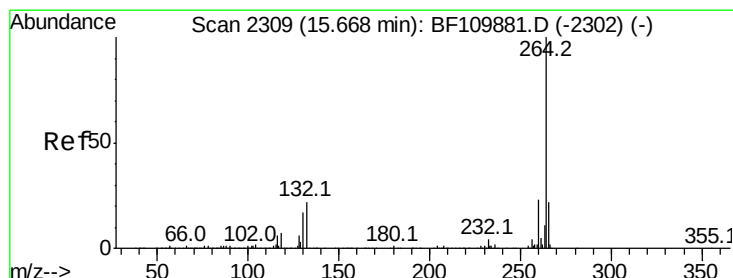
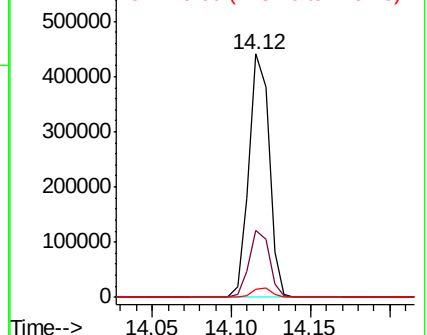
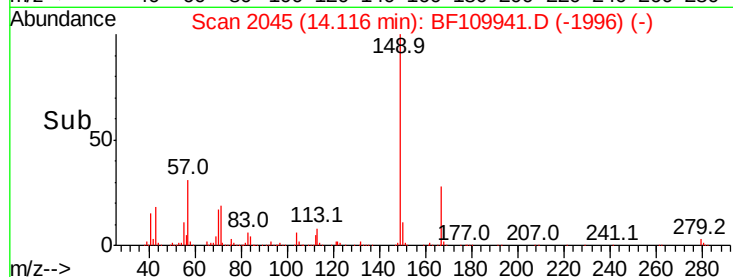


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

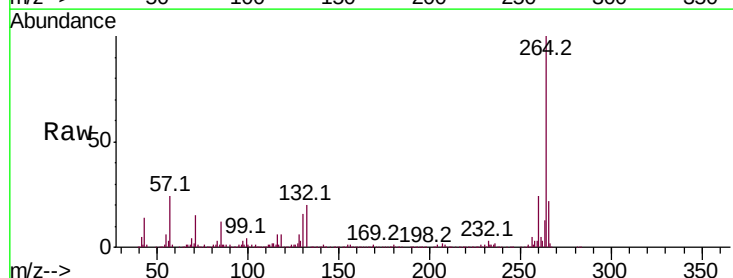
Delta R.T. -0.01 min

Lab File: BF109941.D

Acq: 18 Oct 2018 00:50

Tgt Ion:264 Resp: 470129

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.1	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

