

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109940.D
 Acq On : 18 Oct 2018 00:23
 Operator : JU/SJ
 Sample : J5542-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 10:43:19 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	183110	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	671112	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	204747	20.00	ng	0.00
64) Phenanthrene-d10	11.53	188	308157	20.00	ng	0.01
76) Chrysene-d12	14.17	240	449480	20.00	ng	0.00
87) Perylene-d12	15.69	264	471866	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	16698	1.45	ng	-0.02
7) Phenol-d6	6.58	99	22225	1.55	ng	-0.02
23) Nitrobenzene-d5	7.53	82	12326	1.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.82	330	2418	1.36	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	22963	1.79	ng	0.00
79) Terphenyl-d14	13.10	244	18488	0.86	ng	0.00

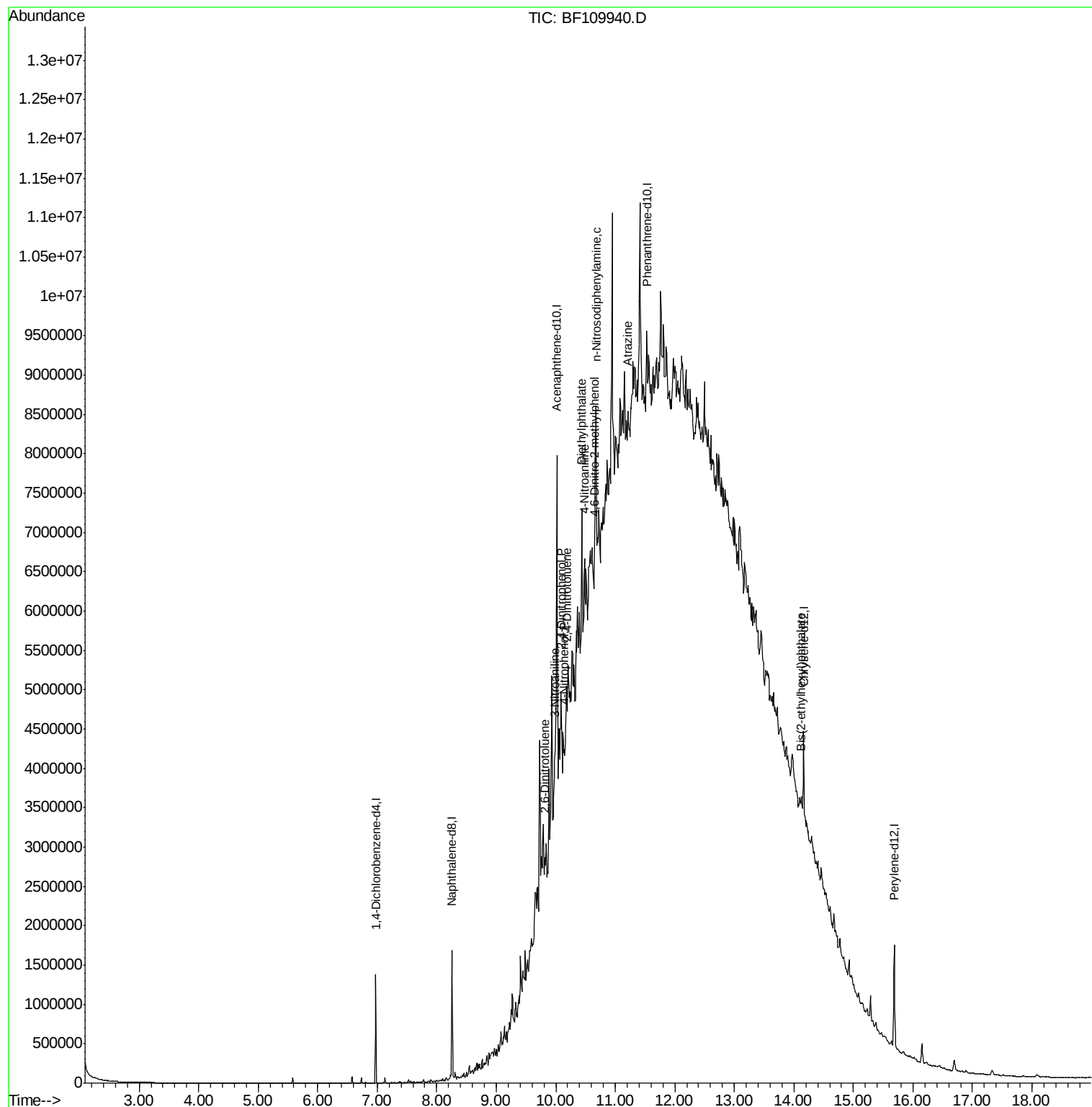
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
51) 2,6-Dinitrotoluene	9.82	165	11728	4.259	ng	# 29
53) 3-Nitroaniline	9.97	138	13874	4.142	ng	# 19
54) 2,4-Dinitrophenol	10.09	184	579	9.496	ng	# 1
56) 4-Nitrophenol	10.15	139	7486	2.929	ng	# 1
57) 2,4-Dinitrotoluene	10.18	165	7010	6.406	ng	# 33
60) Diethylphthalate	10.43	149	57811	4.037	ng	# 57
62) 4-Nitroaniline	10.49	138	29128	9.186	ng	# 85
65) 4,6-Dinitro-2-methylphenol	10.64	198	1433	8.977	ng	# 1
66) n-Nitrosodiphenylamine	10.67	169	25453	2.480	ng	# 85
69) Atrazine	11.22	200	11874	3.704	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.13	149	58459	3.329	ng	# 86

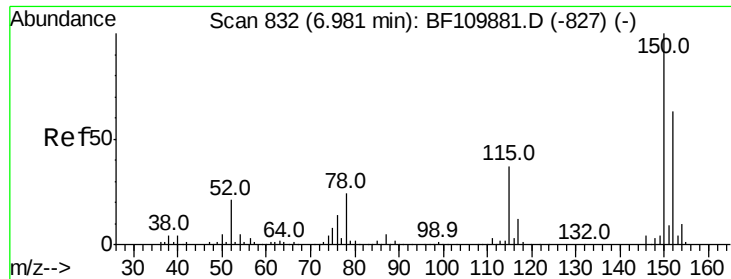
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 18 10:43:19 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
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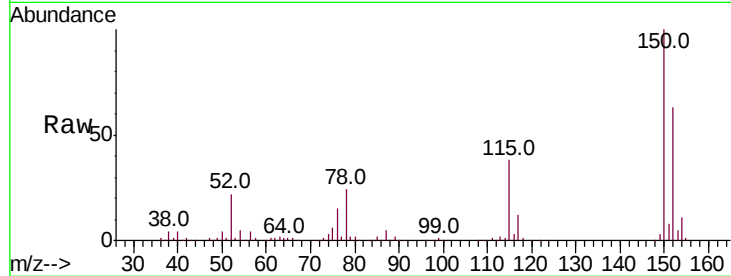


#1

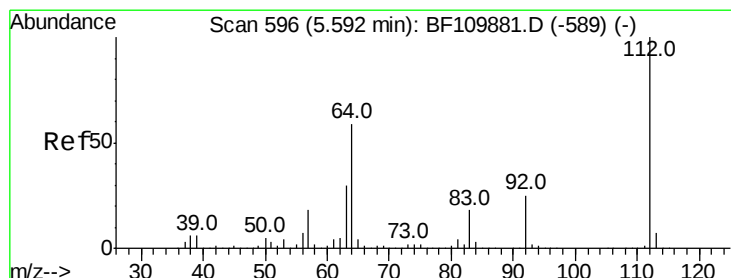
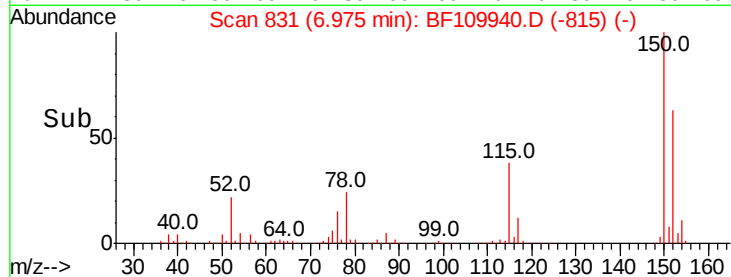
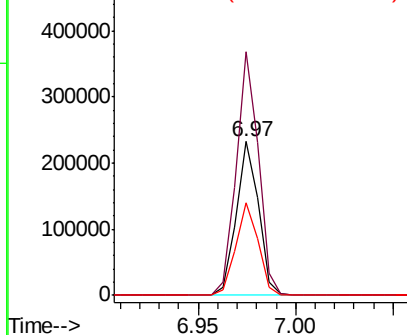
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109940.D
Acq: 18 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 183110
Ion Ratio Lower Upper
152 100
150 158.7 122.7 184.1
115 60.7 49.1 73.7



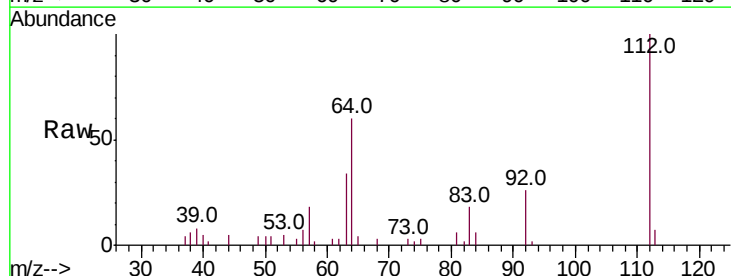
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



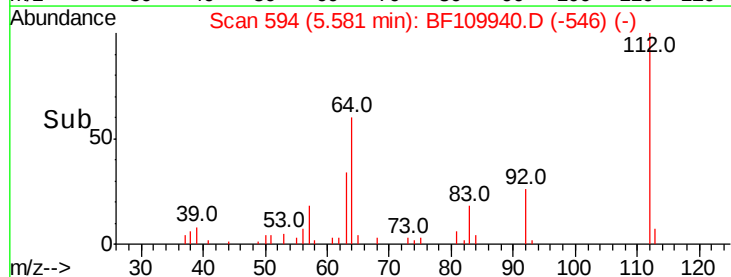
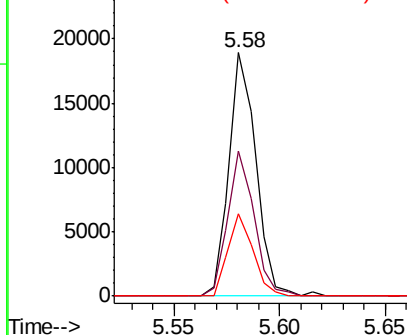
#5

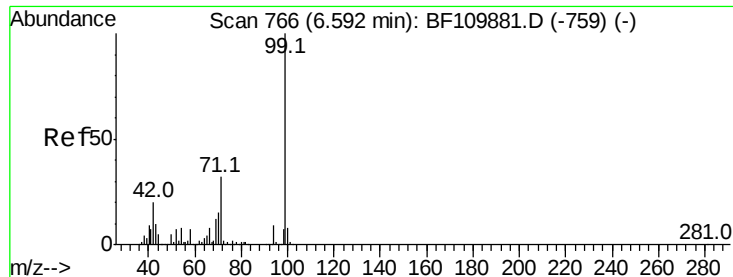
2-Fluorophenol
Concen: 1.446 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF109940.D
Acq: 18 Oct 2018 00:23

Tgt Ion:112 Resp: 16698
Ion Ratio Lower Upper
112 100
64 59.6 44.1 66.1
63 33.8 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: 1.549 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF109940.D

Acq: 18 Oct 2018 00:23

Instrument :

BNA_F

ClientSampleId :

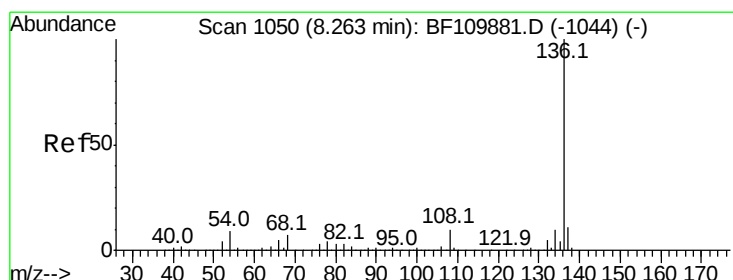
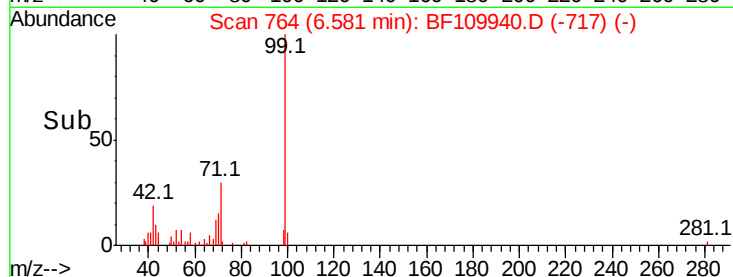
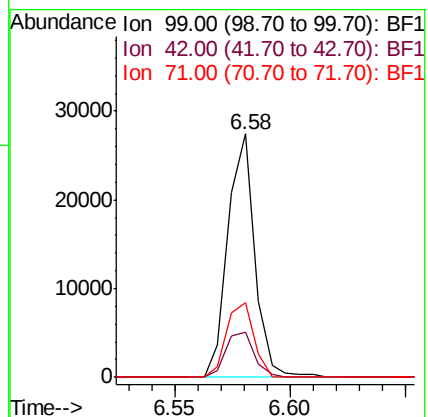
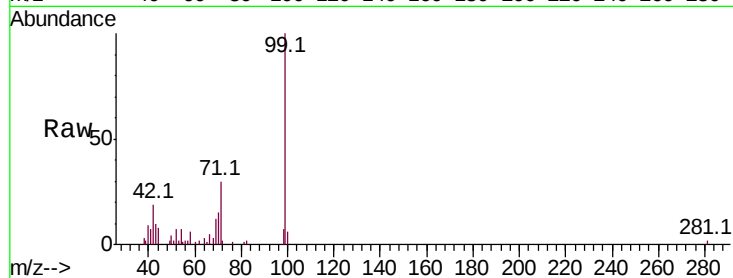
Tot Ion: 99 Resp: 22225

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

71 30.4 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109940.D

Acq: 18 Oct 2018 00:23

Tgt Ion: 136 Resp: 671112

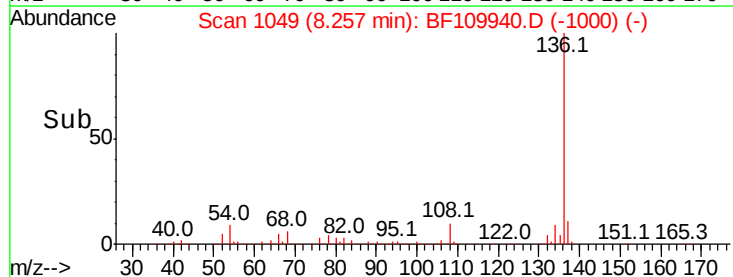
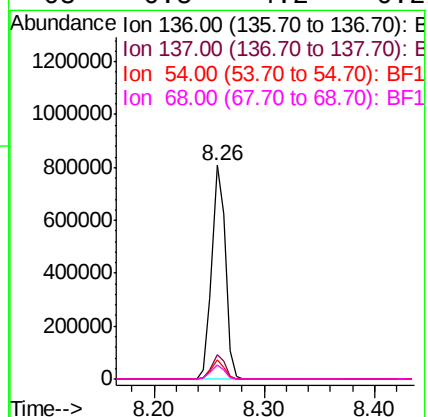
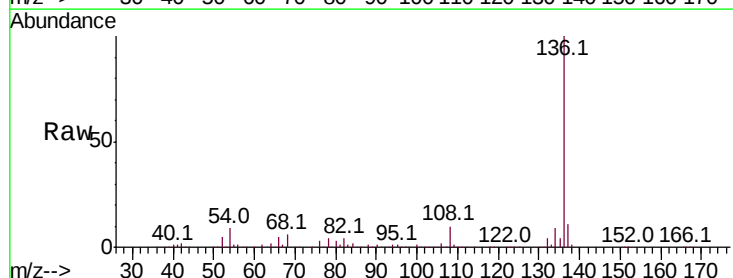
Ion Ratio Lower Upper

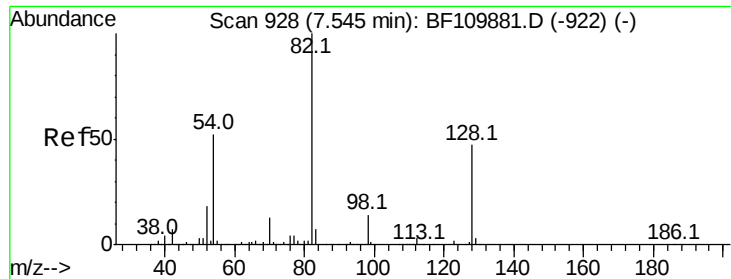
136 100

137 11.1 8.8 13.2

54 8.8 5.4 8.2#

68 6.5 4.2 6.2#

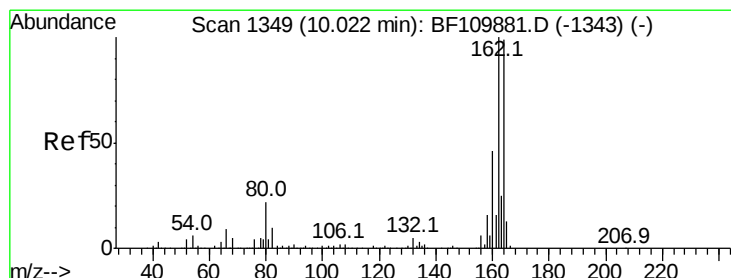
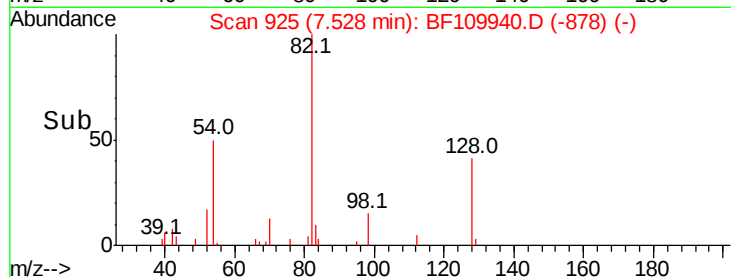
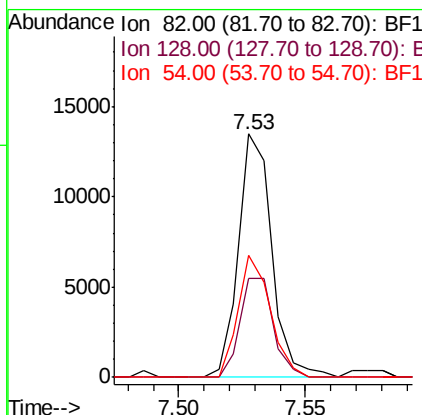
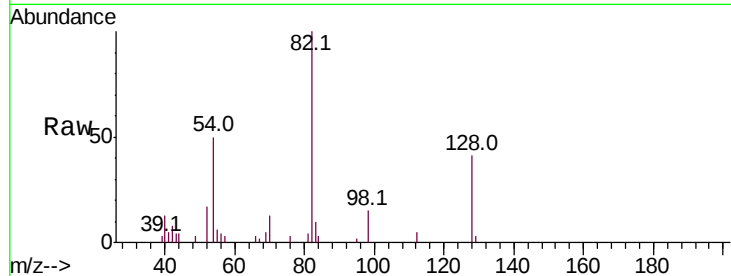




#23
 Nitrobenzene-d5
 Concen: 1.237 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF109940.D
 Acq: 18 Oct 2018 00:23

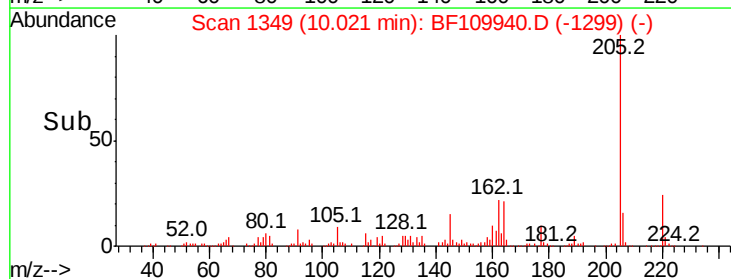
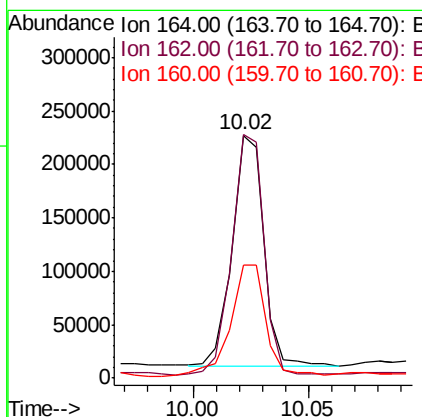
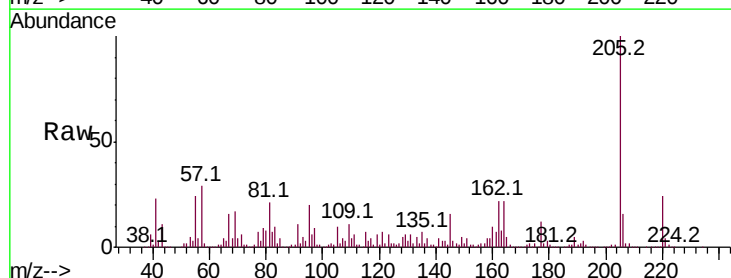
Instrument :
 BNA_F
 ClientSampleId :

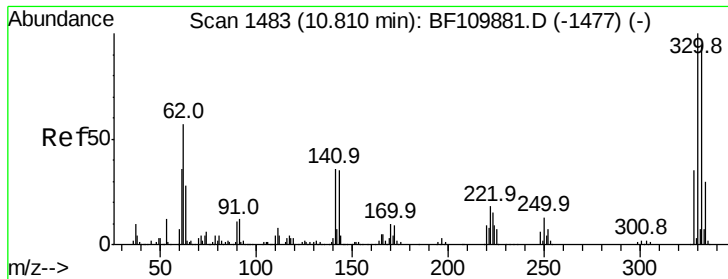
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.2	51.2
54	50.0	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF109940.D
 Acq: 18 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	83.0	124.6
160	46.3	37.0	55.6

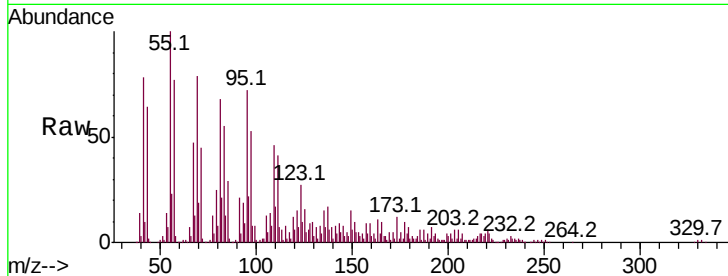




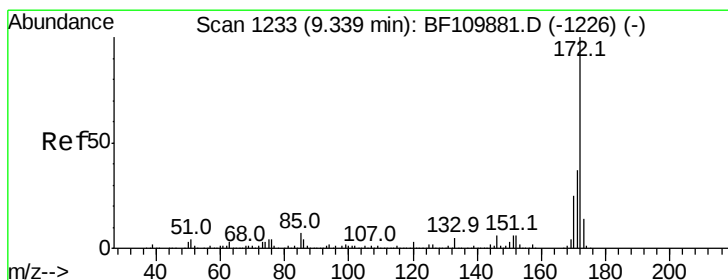
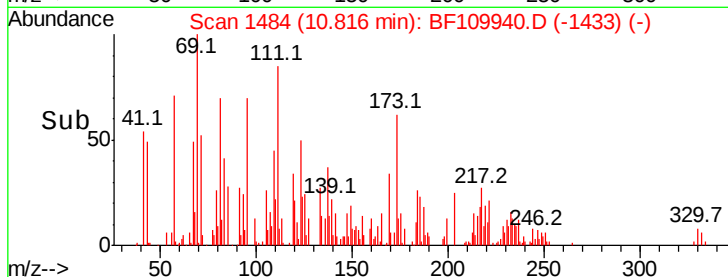
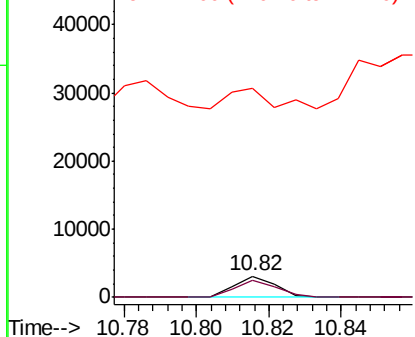
#42
 2,4,6-Tribromophenol
 Concen: 1.364 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF109940.D
 Acq: 18 Oct 2018 00:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 2418
 Ion Ratio Lower Upper
 330 100
 332 81.1 77.1 115.7
 141 102.2 27.0 40.4#

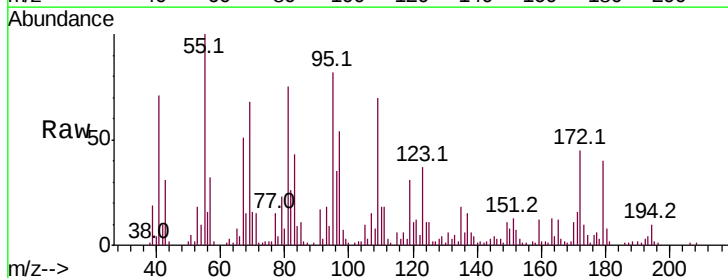


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

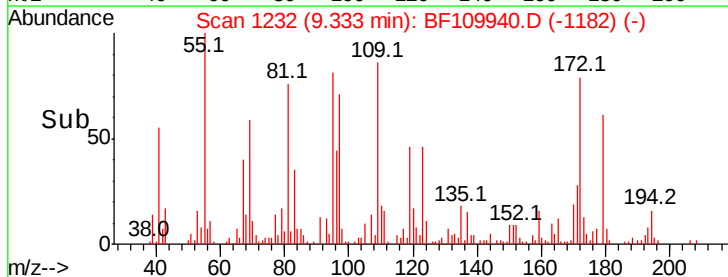
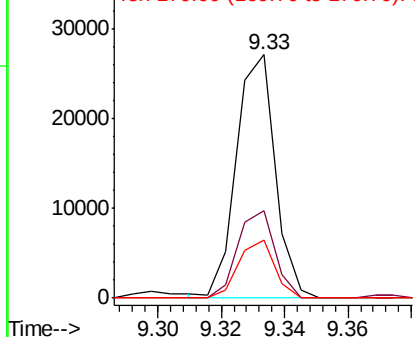


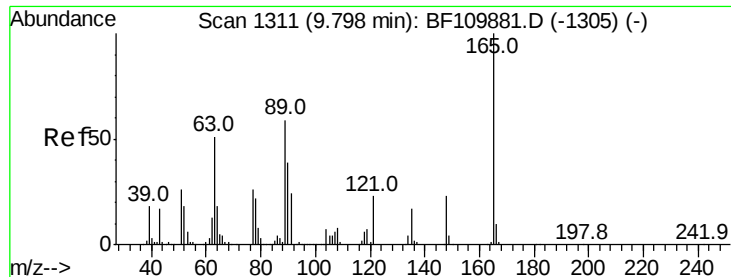
#45
 2-Fluorobiphenyl
 Concen: 1.790 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109940.D
 Acq: 18 Oct 2018 00:23

Tgt Ion:172 Resp: 22963
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.6 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

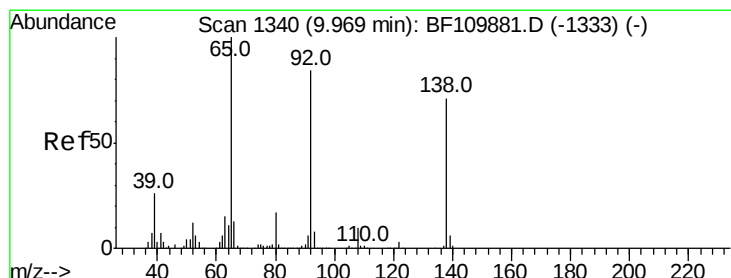
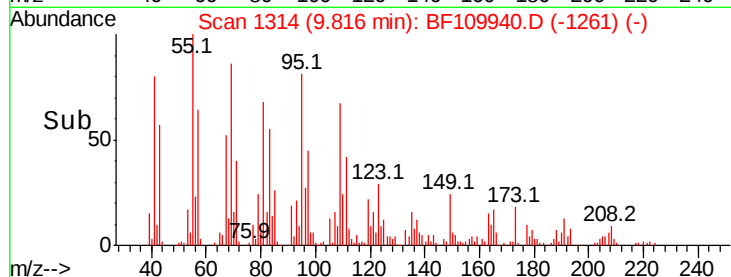
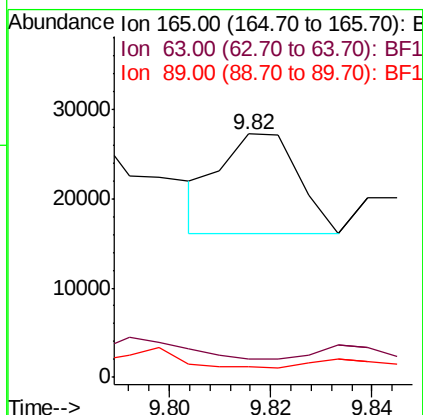
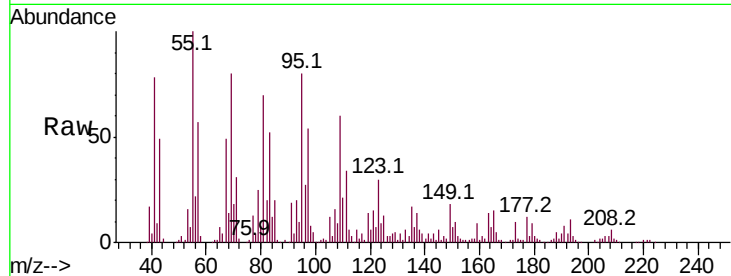




#51
 2,6-Dinitrotoluene
 Concen: 4.259 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF109940.D
 Acq: 18 Oct 2018 00:23

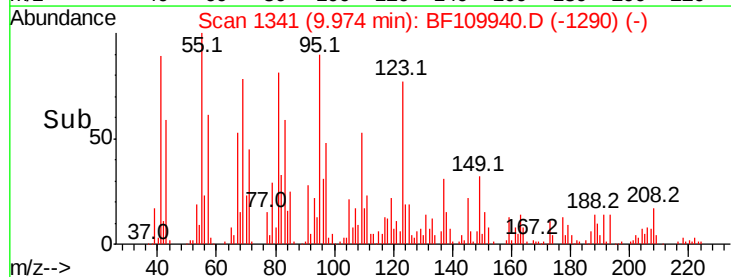
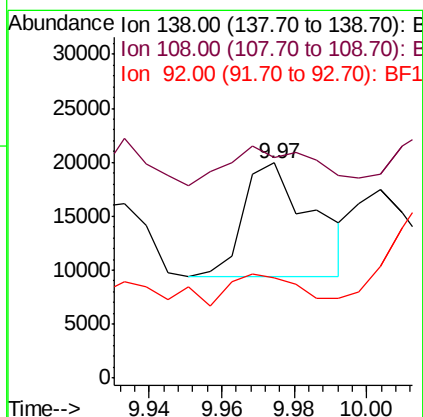
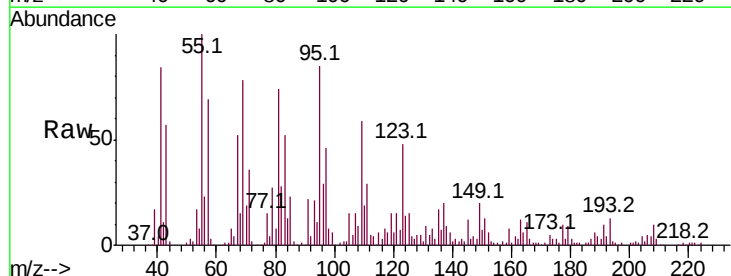
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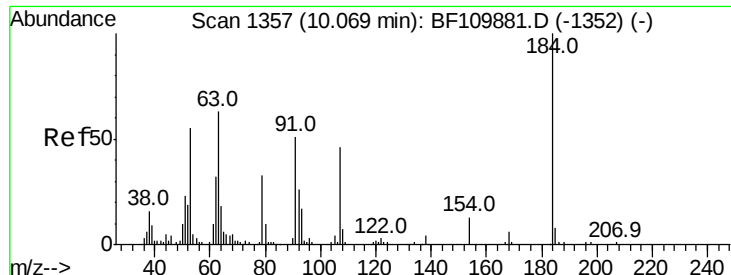
Tot Ion:165 Resp: 11728
 Ion Ratio Lower Upper
 165 100
 63 7.6 48.9 73.3#
 89 4.2 46.6 69.8#



#53
 3-Nitroaniline
 Concen: 4.142 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF109940.D
 Acq: 18 Oct 2018 00:23

Tgt Ion:138 Resp: 13874
 Ion Ratio Lower Upper
 138 100
 108 102.6 8.7 13.1#
 92 46.6 97.0 145.4#

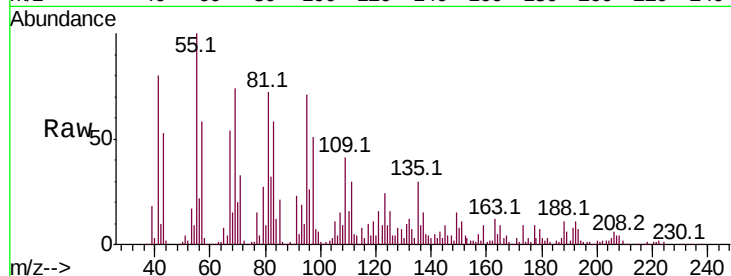




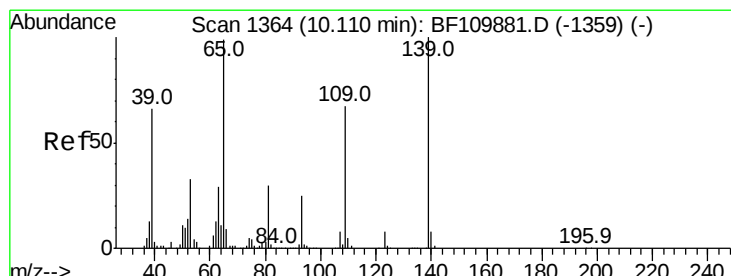
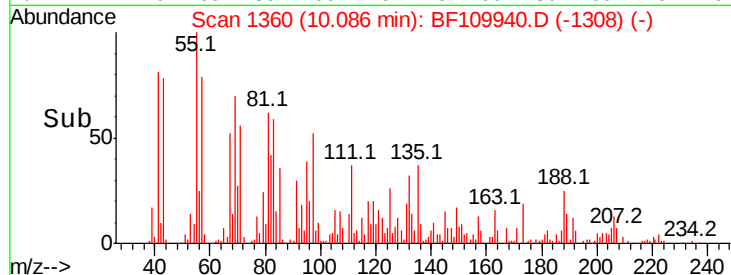
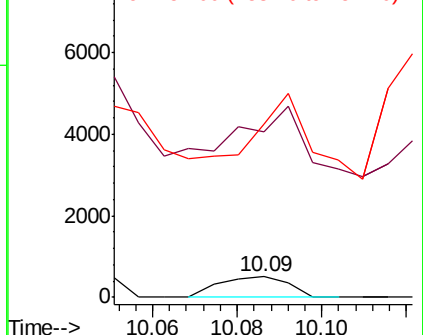
#54
 2,4-Dinitrophenol
 Concen: 9.496 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF109940.D
 Acq: 18 Oct 2018 00:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 579
 Ion Ratio Lower Upper
 184 100
 63 793.2 55.8 83.6#
 154 828.4 63.2 94.8#

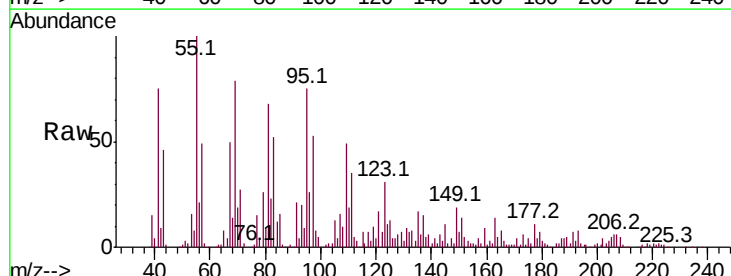


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

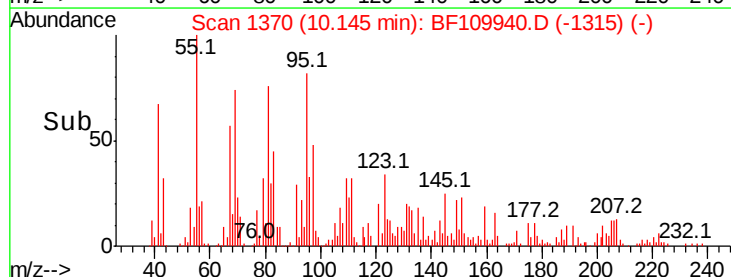
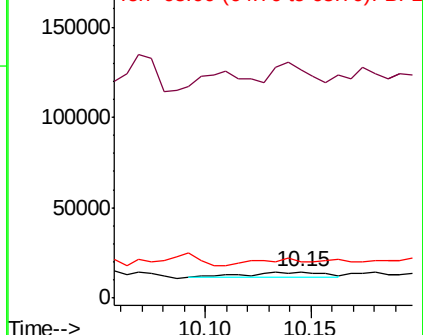


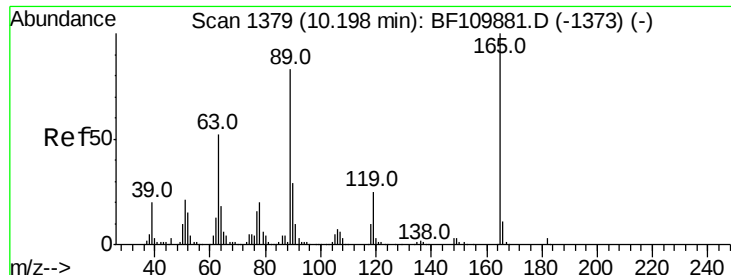
#56
 4-Nitrophenol
 Concen: 2.929 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.02 min
 Lab File: BF109940.D
 Acq: 18 Oct 2018 00:23

Tgt Ion:139 Resp: 7486
 Ion Ratio Lower Upper
 139 100
 109 859.6 55.8 95.8#
 65 136.1 77.9 117.9#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

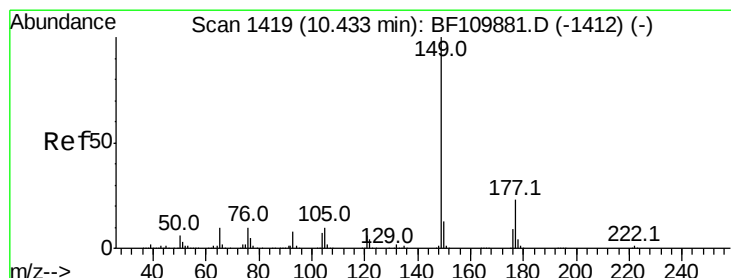
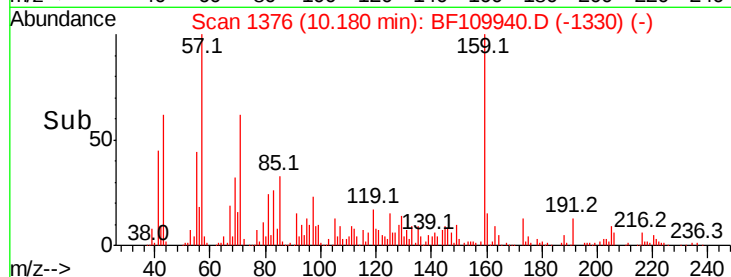
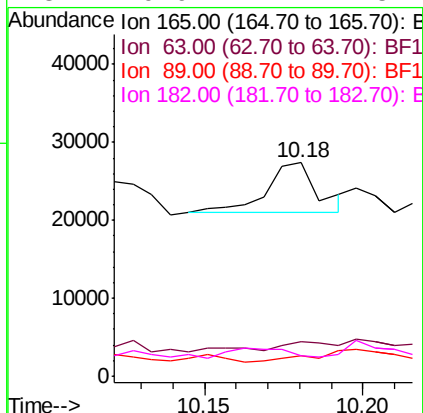
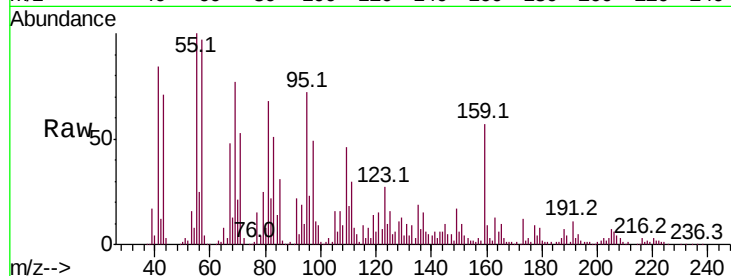




#57
 2,4-Dinitrotoluene
 Concen: 6.406 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.03 min
 Lab File: BF109940.D
 Acq: 18 Oct 2018 00:23

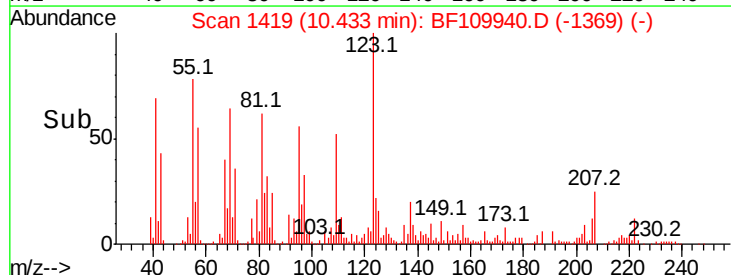
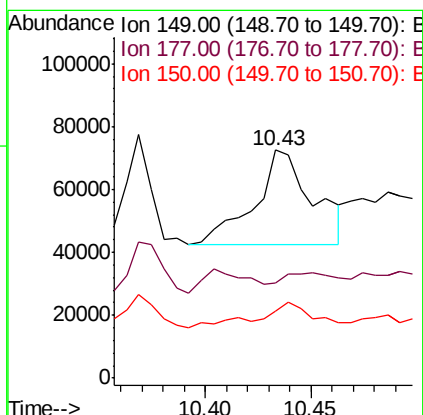
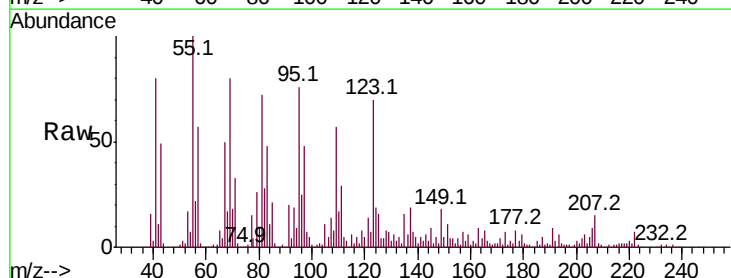
Instrument :
 BNA_F
 ClientSampleId :

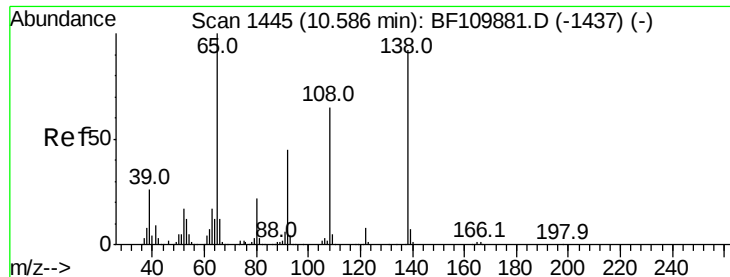
Tot Ion:165 Resp: 7010
 Ion Ratio Lower Upper
 165 100
 63 16.1 44.8 67.2#
 89 9.9 62.2 93.4#
 182 9.9 2.1 3.1#



#60
 Diethylphthalate
 Concen: 4.037 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF109940.D
 Acq: 18 Oct 2018 00:23

Tgt Ion:149 Resp: 57811
 Ion Ratio Lower Upper
 149 100
 177 41.7 17.4 26.2#
 150 29.6 9.8 14.8#

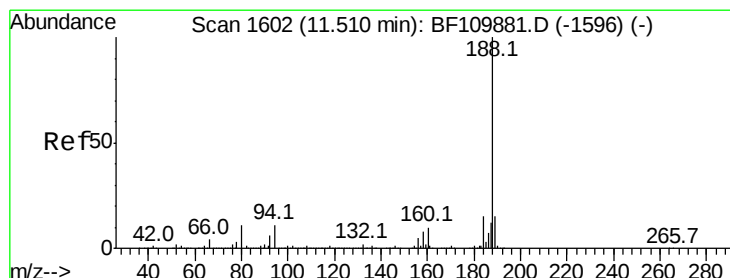
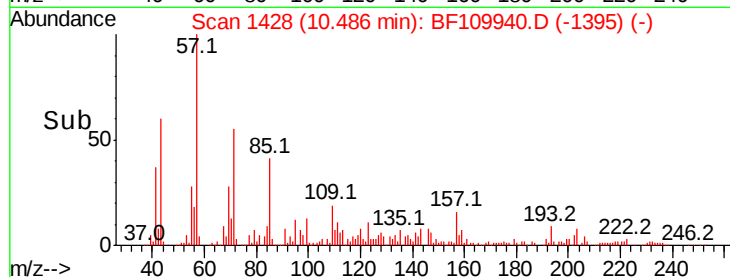
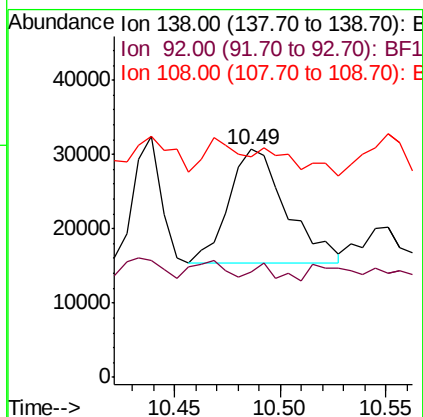
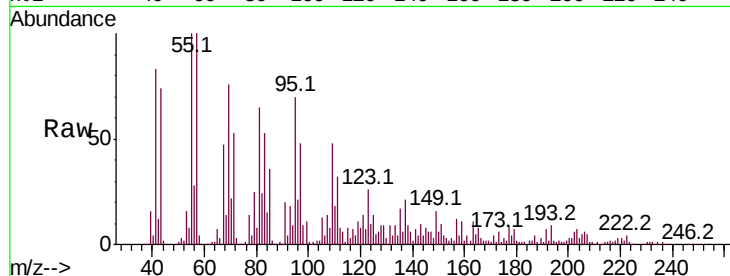




#62
4-Nitroaniline
Concen: 9.186 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.11 min
Lab File: BF109940.D
Acq: 18 Oct 2018 00:23

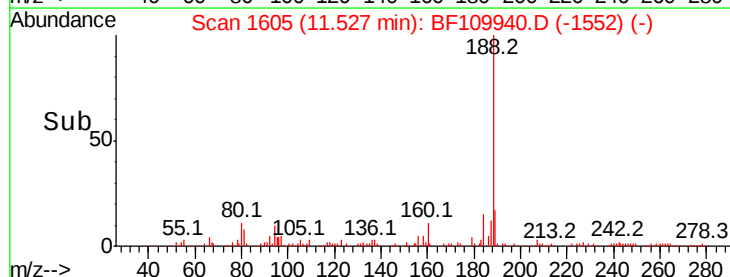
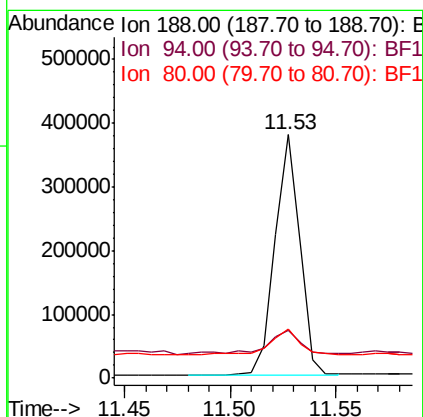
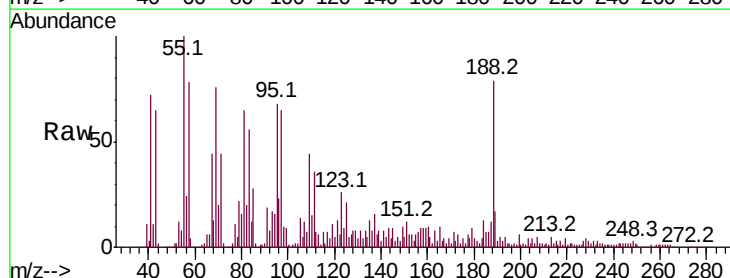
Instrument :
BNA_F
ClientSampleId :

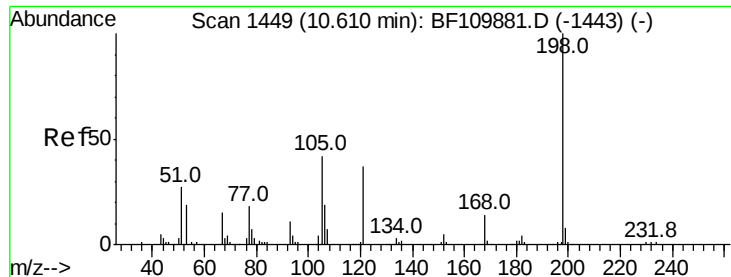
Tot Ion:138 Resp: 29128
Ion Ratio Lower Upper
138 100
92 46.5 31.7 71.7
108 97.2 59.3 99.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.01 min
Lab File: BF109940.D
Acq: 18 Oct 2018 00:23

Tgt Ion:188 Resp: 308157
Ion Ratio Lower Upper
188 100
94 19.8 7.2 10.8#
80 20.2 7.9 11.9#





#65

4,6-Dinitro-2-methylphenol

Concen: 8.977 ng

RT: 10.64 min Scan# 1455

Delta R.T. 0.02 min

Lab File: BF109940.D

Acq: 18 Oct 2018 00:23

Instrument :

BNA_F

ClientSampled :

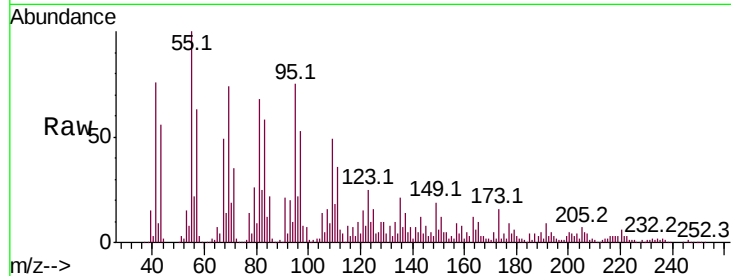
Tot Ion:198 Resp: 1433

Ion Ratio Lower Upper

198 100

51 564.3 22.8 62.8#

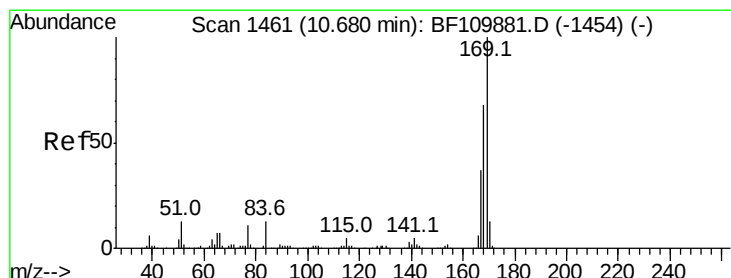
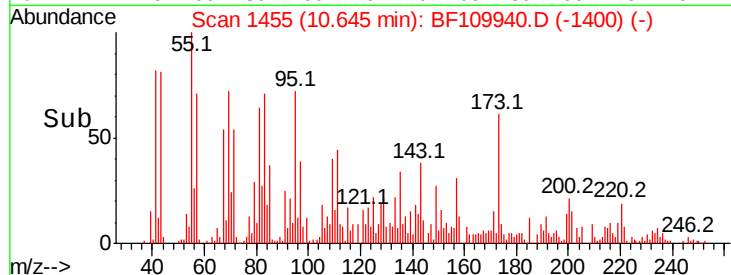
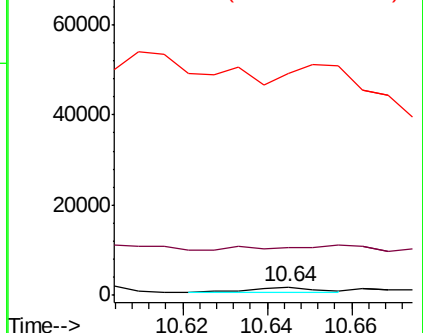
105 2621.6 23.6 63.6#



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

n-Nitrosodiphenylamine

Concen: 2.480 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF109940.D

Acq: 18 Oct 2018 00:23

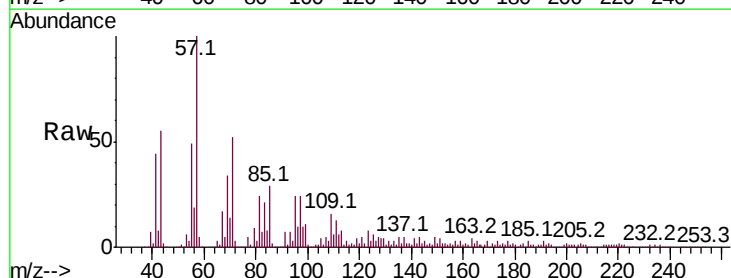
Tgt Ion:169 Resp: 25453

Ion Ratio Lower Upper

169 100

168 48.0 51.2 76.8#

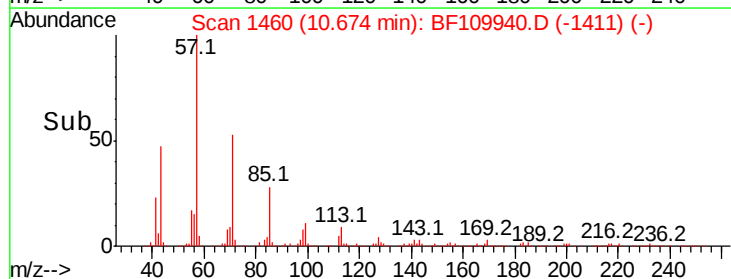
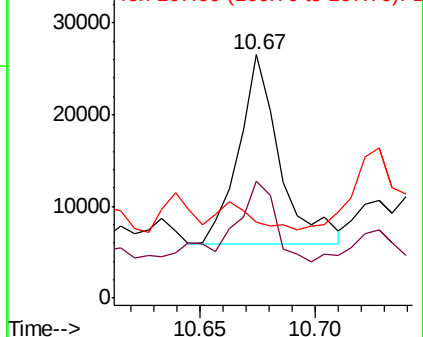
167 31.2 27.8 41.6

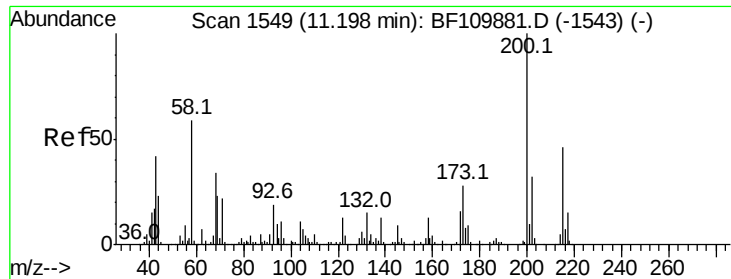


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

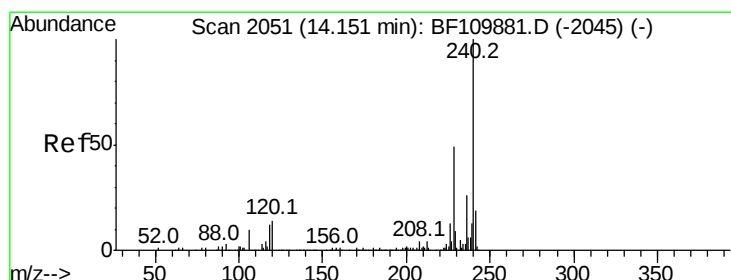
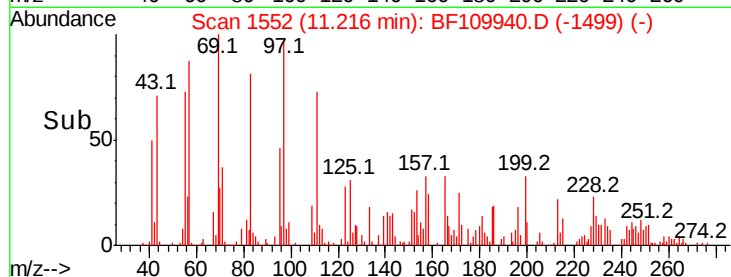
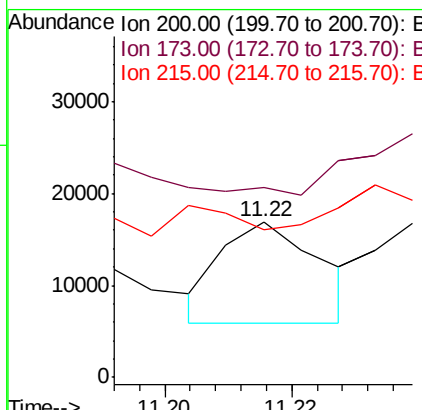
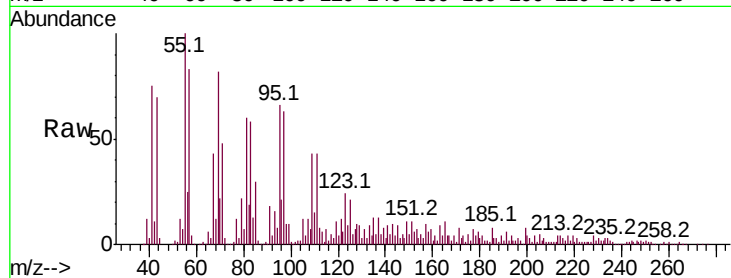




#69
Atrazine
Concen: 3.704 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF109940.D
Acq: 18 Oct 2018 00:23

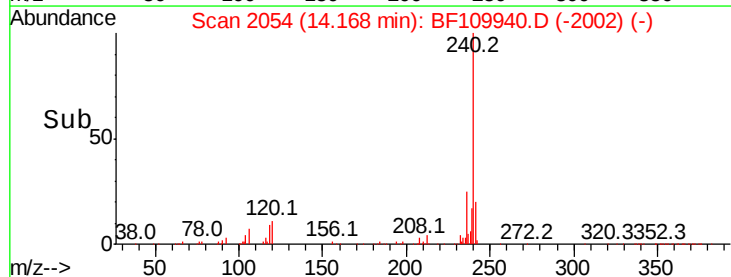
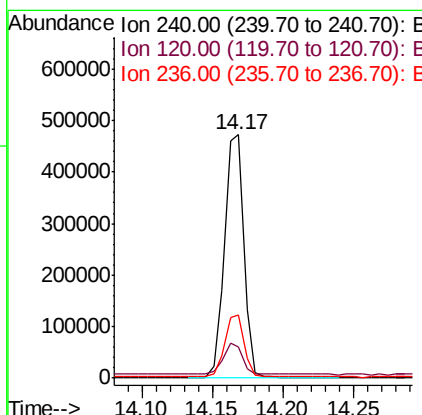
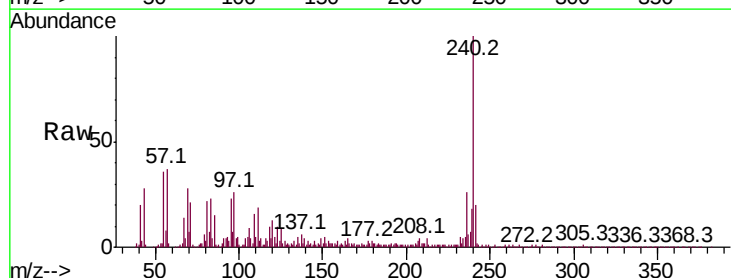
Instrument :
BNA_F
ClientSampleId :

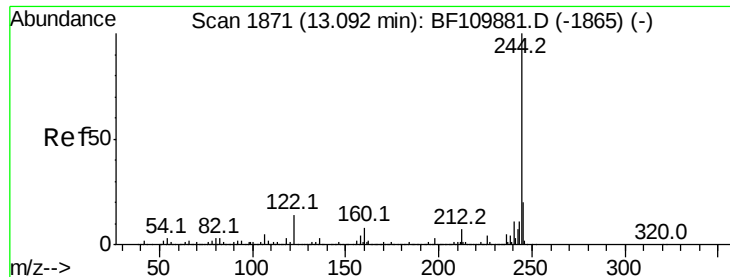
Tot Ion:200 Resp: 11874
Ion Ratio Lower Upper
200 100
173 122.0 6.6 46.6#
215 94.7 26.3 66.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BF109940.D
Acq: 18 Oct 2018 00:23

Tgt Ion:240 Resp: 449480
Ion Ratio Lower Upper
240 100
120 12.8 8.3 12.5#
236 25.7 21.2 31.8





#79

Terphenyl-d14

Concen: 0.864 ng

RT: 13.10 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BF109940.D

Acq: 18 Oct 2018 00:23

Instrument :

BNA_F

ClientSampled :

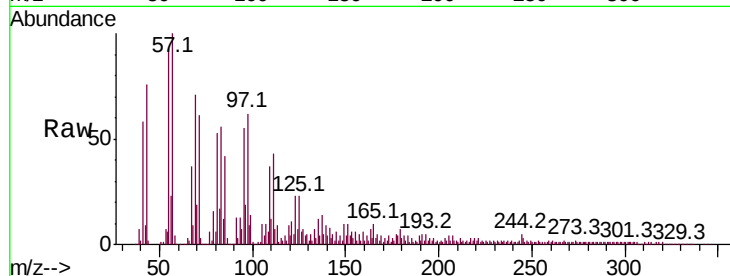
Tot Ion:244 Resp: 18488

Ion Ratio Lower Upper

244 100

212 24.6 5.8 8.8#

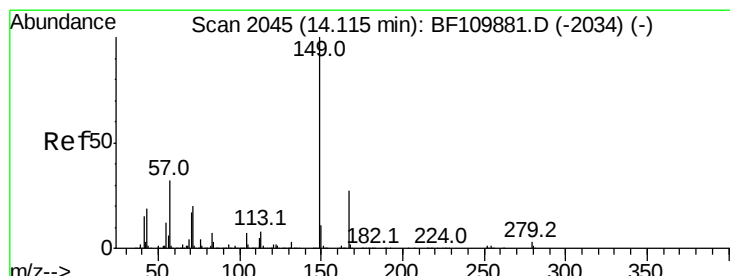
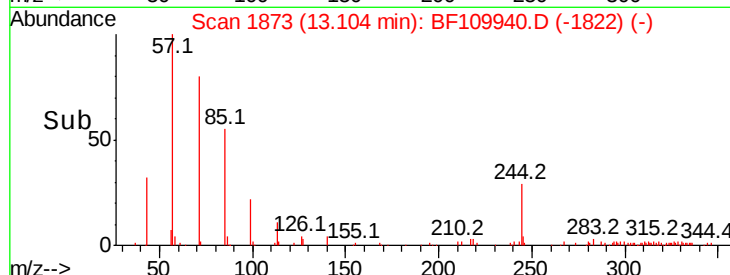
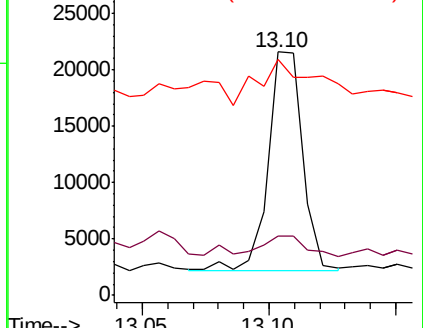
122 97.0 8.7 13.1#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.329 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BF109940.D

Acq: 18 Oct 2018 00:23

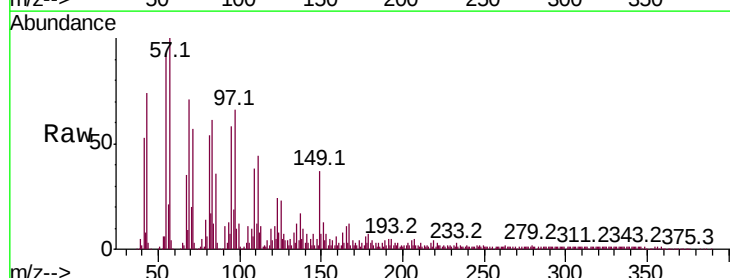
Tgt Ion:149 Resp: 58459

Ion Ratio Lower Upper

149 100

167 32.1 19.8 29.8#

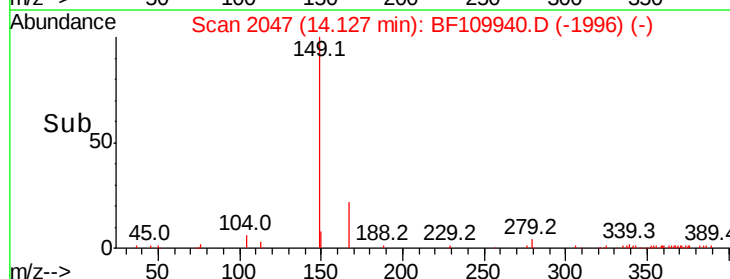
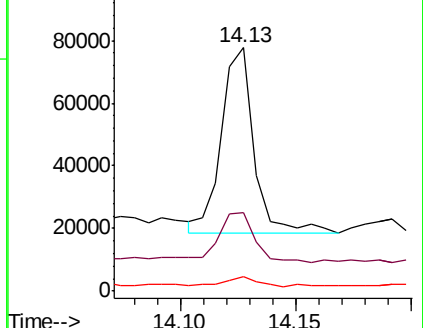
279 6.0 2.7 4.1#

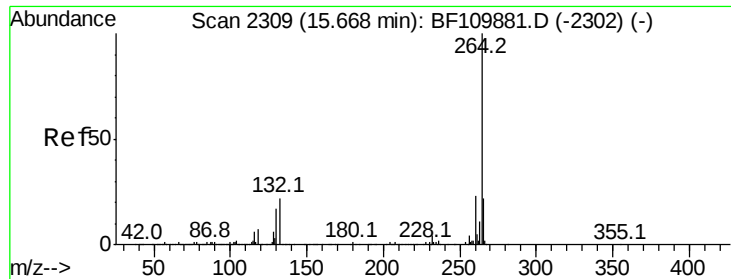


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

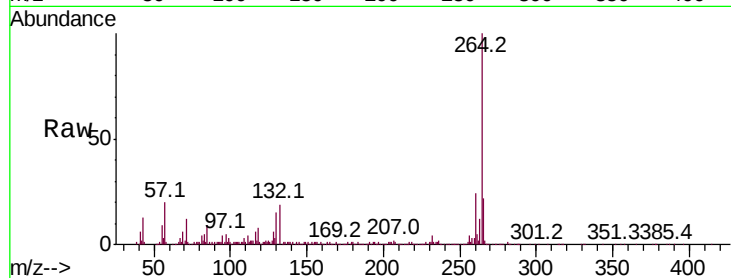




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BF109940.D
 Acq: 18 Oct 2018 00:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.5	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

