

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100309.D
 Acq On : 8 Nov 2017 23:13
 Operator : SJ/JU
 Sample : I6354-04 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

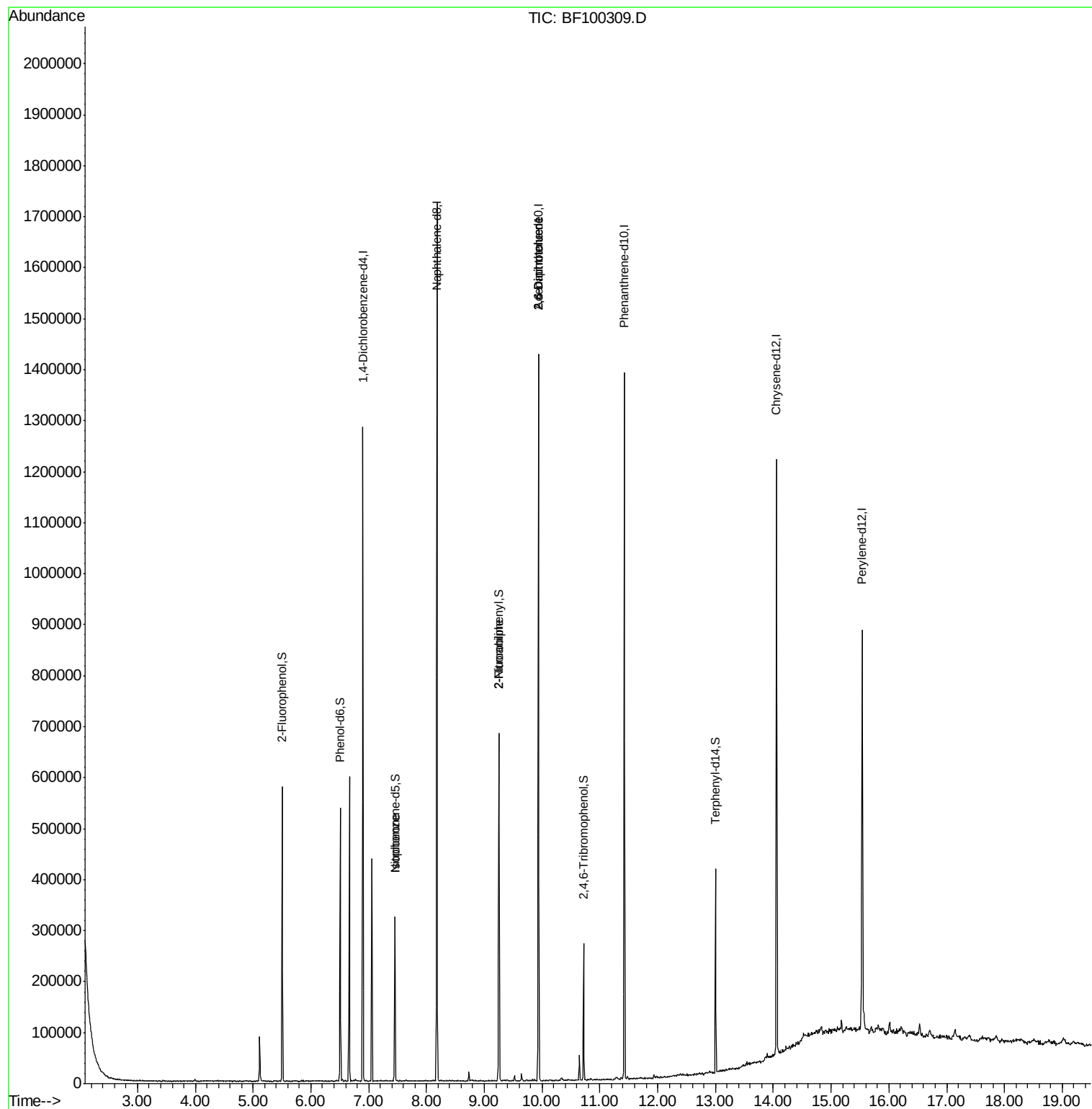
Quant Time: Nov 09 00:15:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

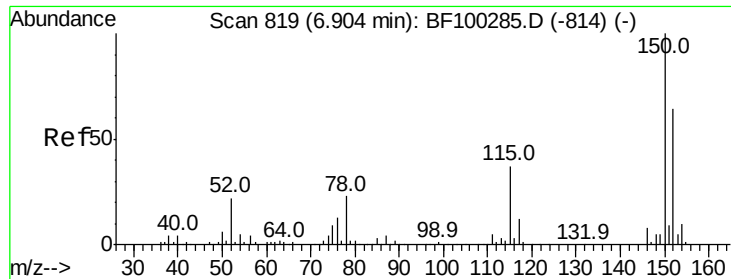
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	183124	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	690812	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	282727	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	438254	20.00	ng	0.00
75) Chrysene-d12	14.06	240	375860	20.00	ng	-0.01
86) Perylene-d12	15.54	264	357541	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	143026	12.52	ng	0.00
7) Phenol-d6	6.51	99	172297	12.23	ng	-0.01
23) Nitrobenzene-d5	7.46	82	91115	8.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	28088	9.75	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	198295	10.68	ng	-0.01
78) Terphenyl-d14	13.00	244	121375	7.42	ng	0.00
Target Compounds						
25) Isophorone	7.46	82	91112	4.149	ng	# 64
47) 2-Nitroaniline	9.25	65	358	2.848	ng	# 4
50) 2,6-Dinitrotoluene	9.93	165	36170	8.465	ng	# 26
56) 2,4-Dinitrotoluene	9.93	165	36170	6.710	ng	# 23

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

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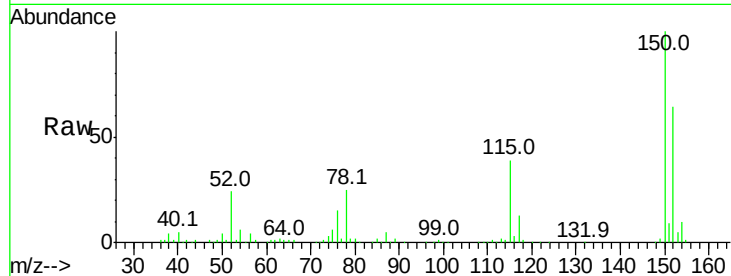




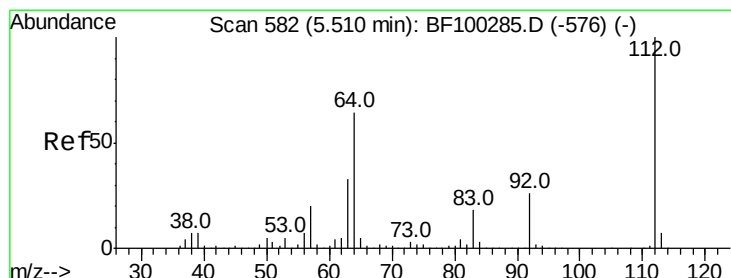
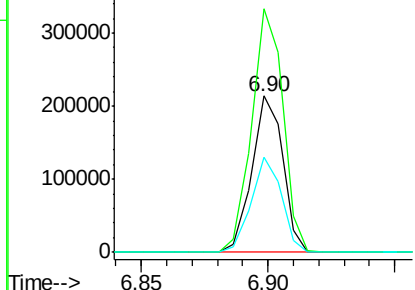
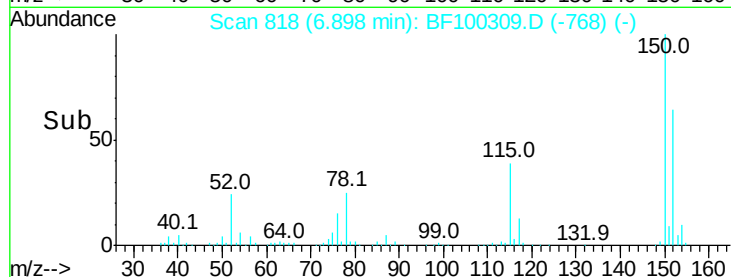
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100309.D
Acq: 8 Nov 2017 23:13

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	61.2	50.1	75.1



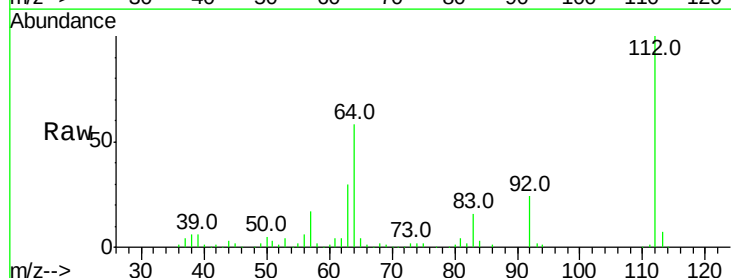
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



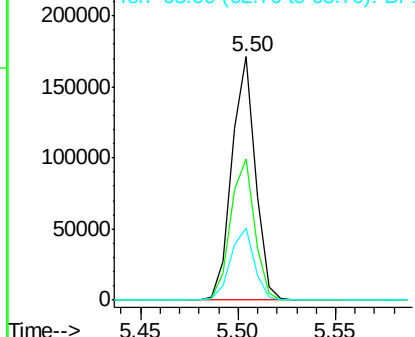
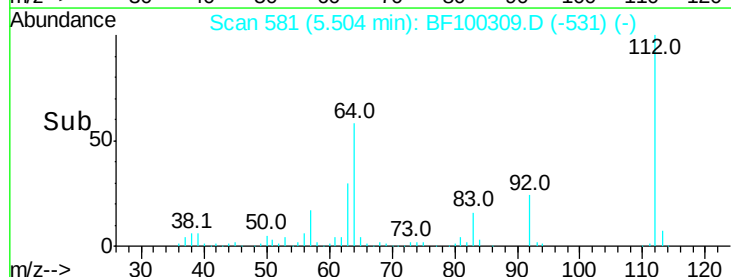
#5

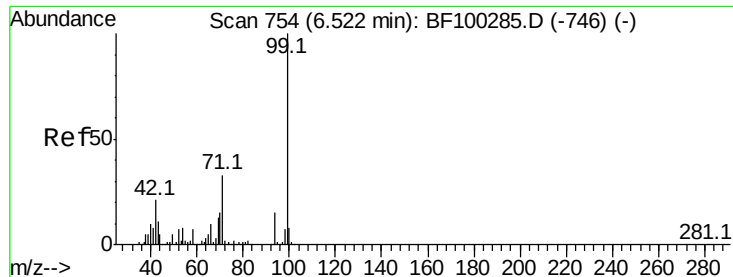
2-Fluorophenol
Concen: 12.520 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF100309.D
Acq: 8 Nov 2017 23:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	29.7	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: 12.231 ng

RT: 6.51 min Scan# 752

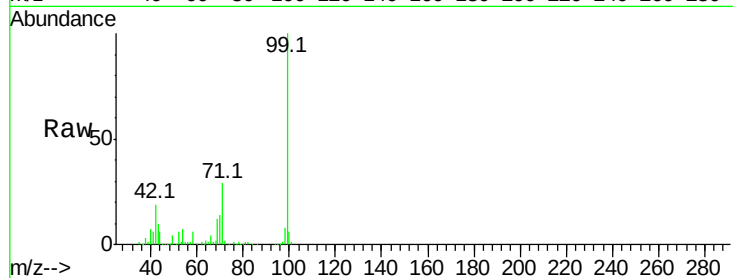
Delta R.T. -0.01 min

Lab File: BF100309.D

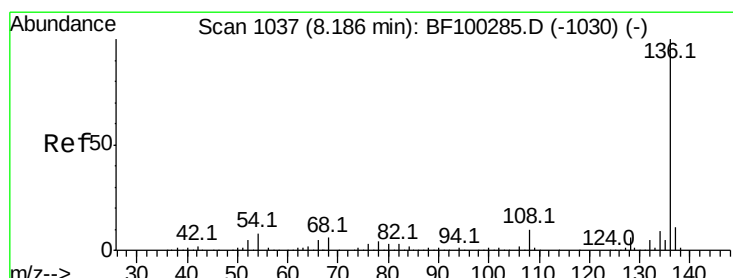
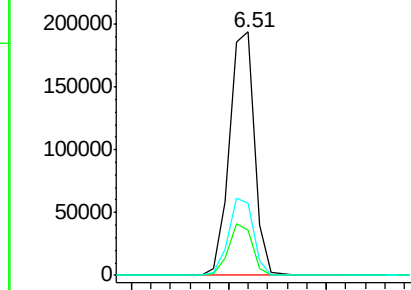
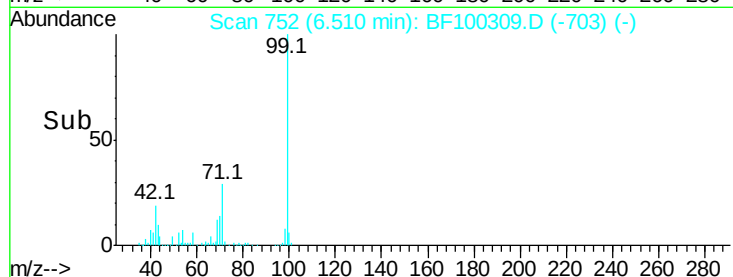
Acq: 8 Nov 2017 23:13

Tot Ion: 99 Resp: 172297

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	29.4	25.4	38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

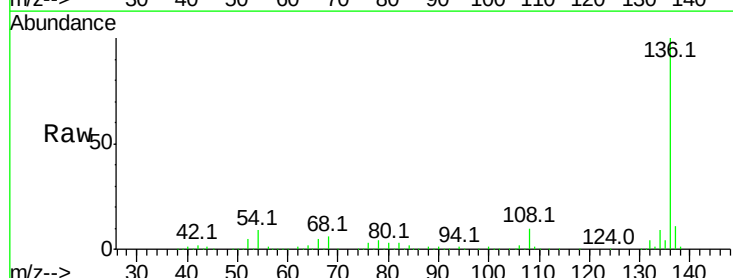
Delta R.T. -0.01 min

Lab File: BF100309.D

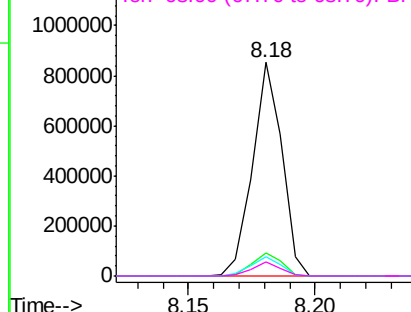
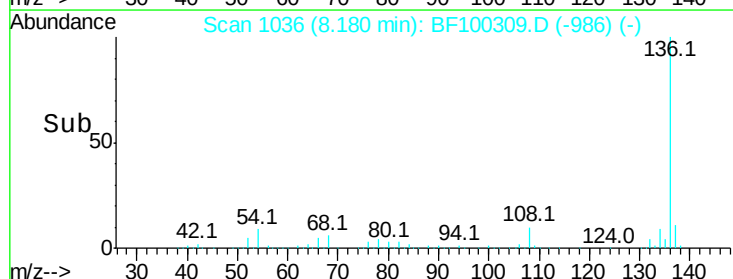
Acq: 8 Nov 2017 23:13

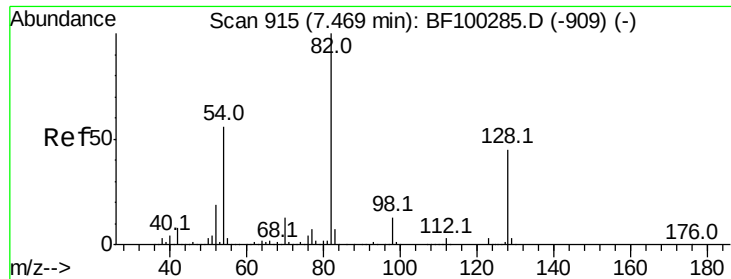
Tgt Ion: 136 Resp: 690812

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.2	6.6	9.8
68	6.5	5.0	7.4



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: 8.720 ng

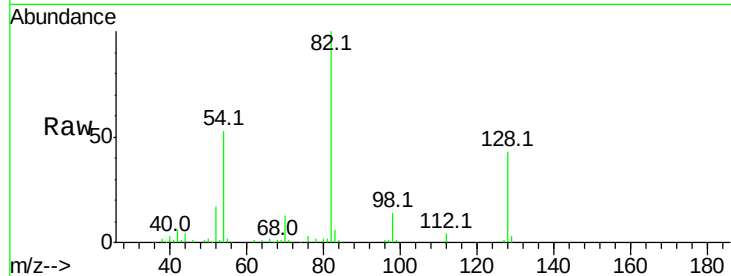
RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

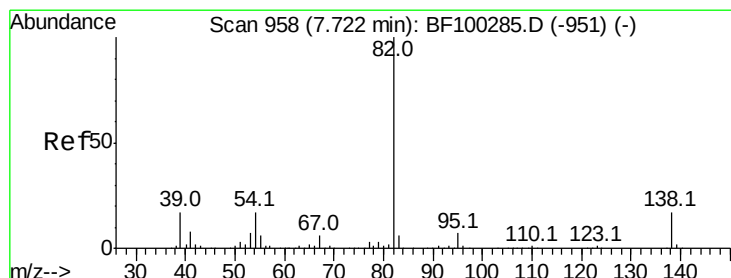
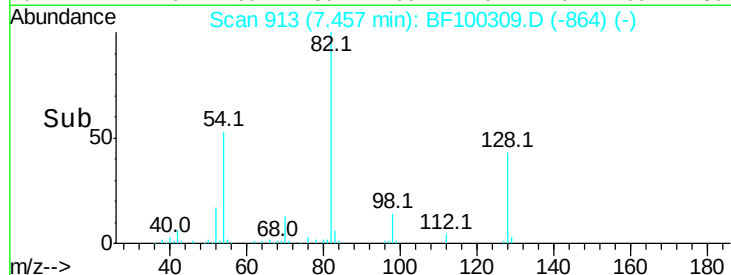
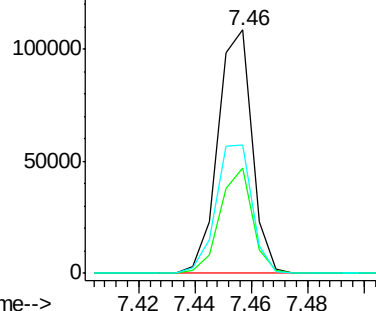
Lab File: BF100309.D

Acq: 8 Nov 2017 23:13

Tot Ion:	82	Resp:	91115
Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	52.7	41.4	62.2



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: 4.149 ng

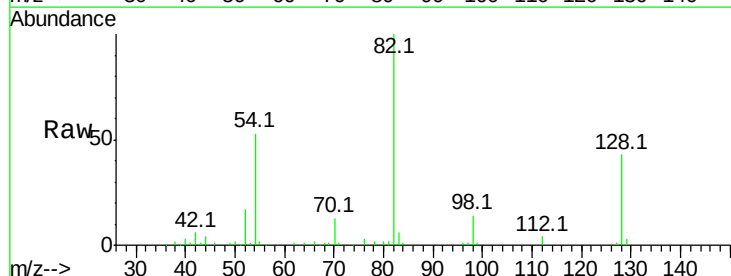
RT: 7.46 min Scan# 913

Delta R.T. -0.26 min

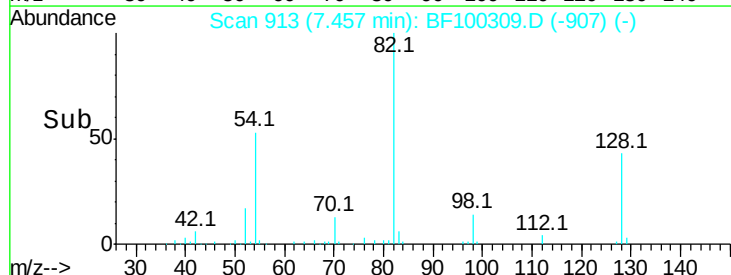
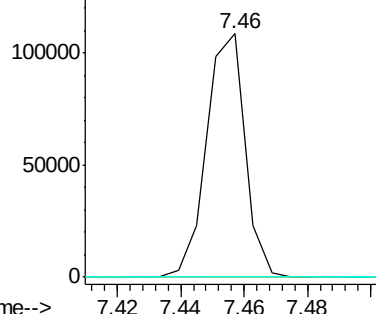
Lab File: BF100309.D

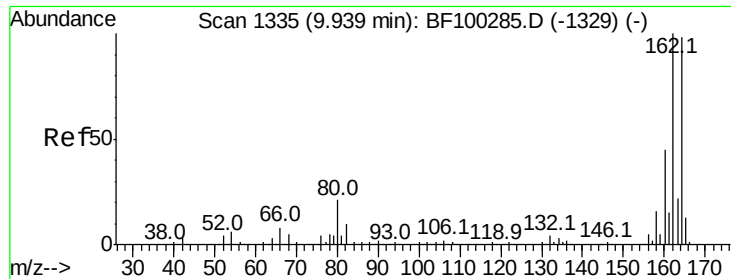
Acq: 8 Nov 2017 23:13

Tgt Ion:	82	Resp:	91112
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF100309.D

Acq: 8 Nov 2017 23:13

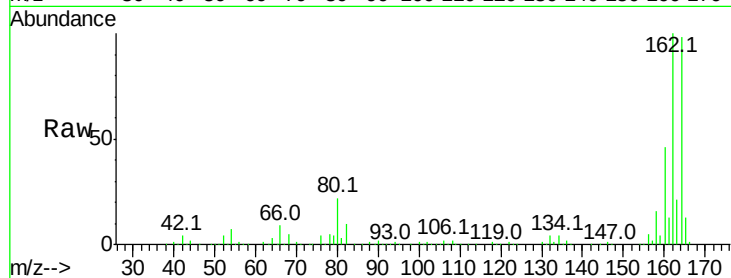
Tot Ion:164 Resp: 282727

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

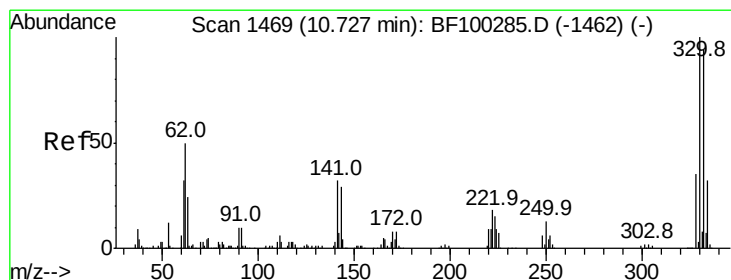
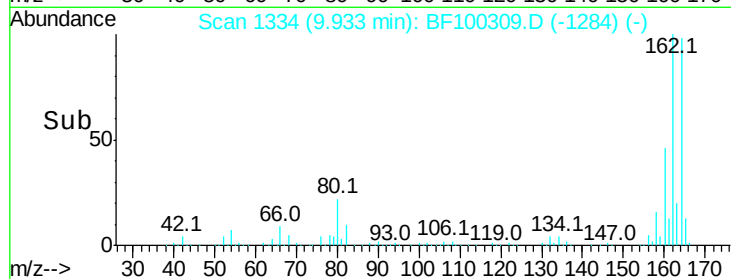
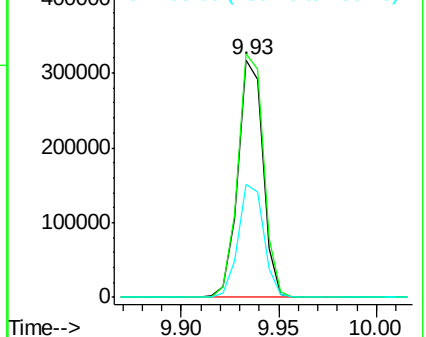
160 47.4 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 9.749 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF100309.D

Acq: 8 Nov 2017 23:13

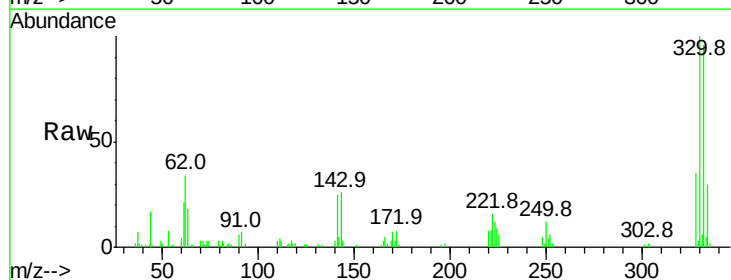
Tgt Ion:330 Resp: 28088

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

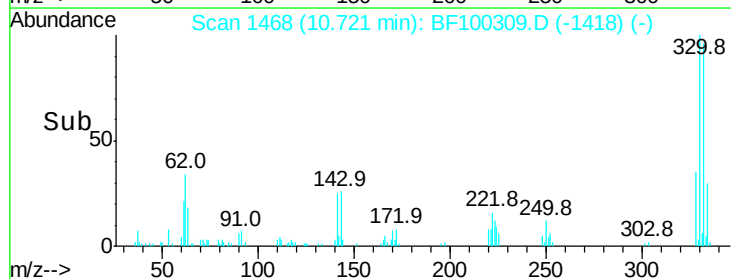
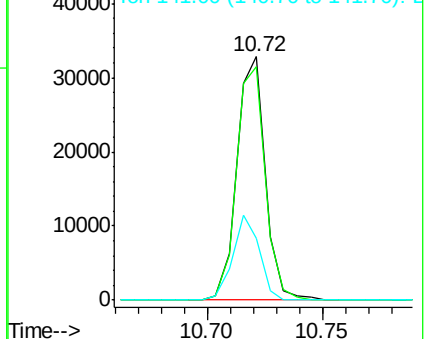
141 32.4 29.9 44.9

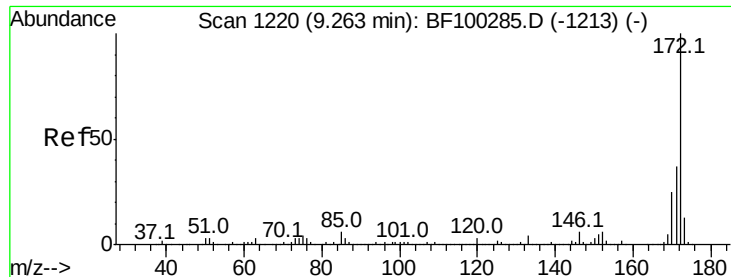


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

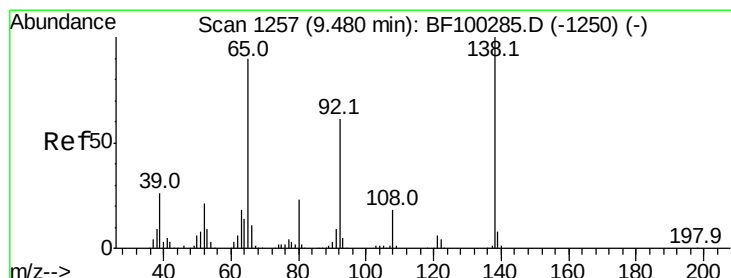
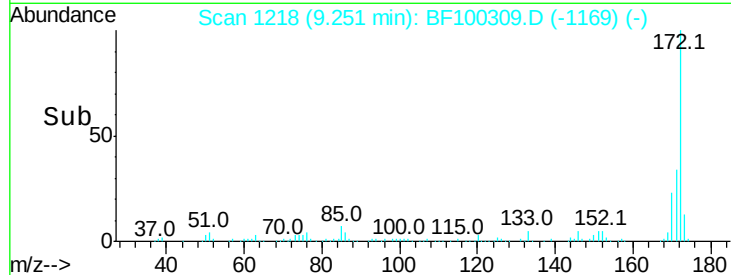
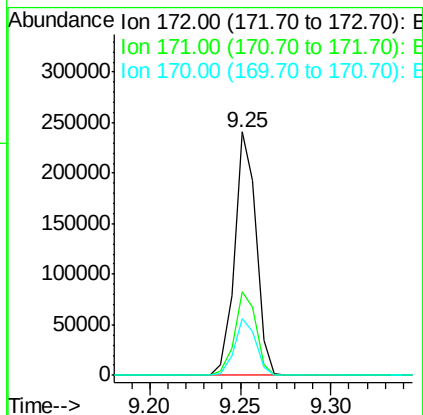
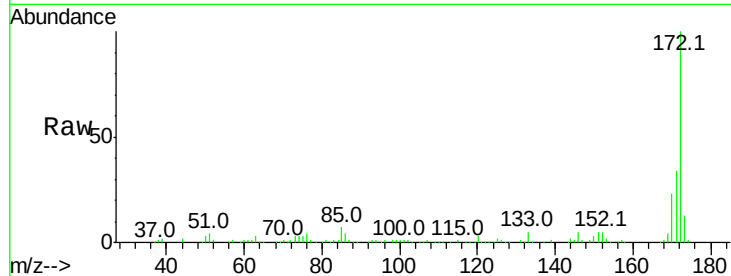
Ion 141.00 (140.70 to 141.70): E





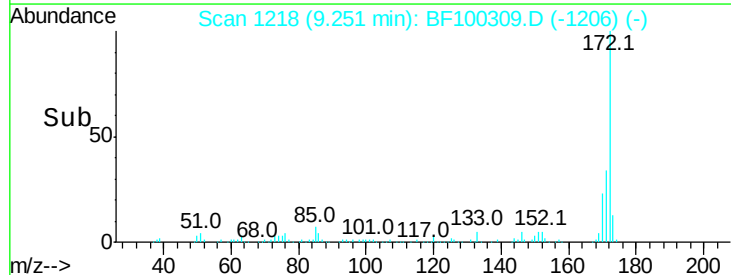
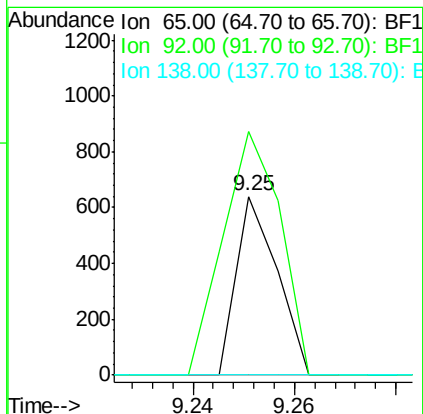
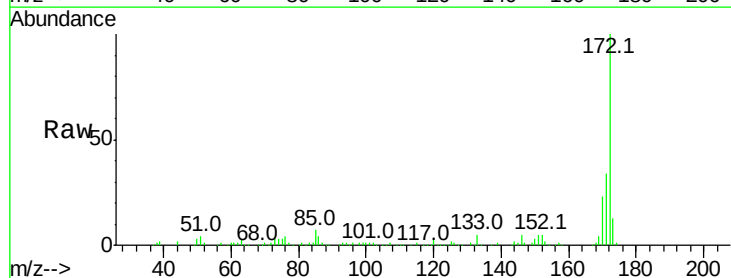
#44
 2-Fluorobiphenyl
 Concen: 10.680 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF100309.D
 Acq: 8 Nov 2017 23:13

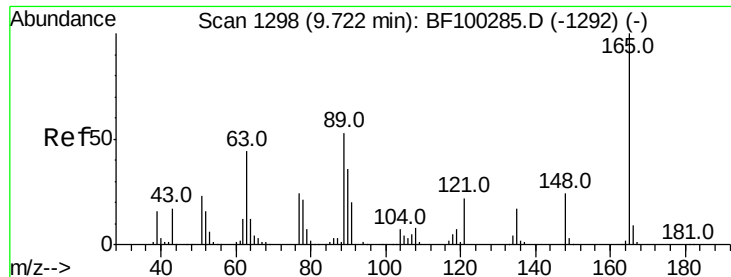
Tot Ion:	172	Resp:	198295
Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.7	44.5
170	23.5	19.6	29.4



#47
 2-Nitroaniline
 Concen: 2.848 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.23 min
 Lab File: BF100309.D
 Acq: 8 Nov 2017 23:13

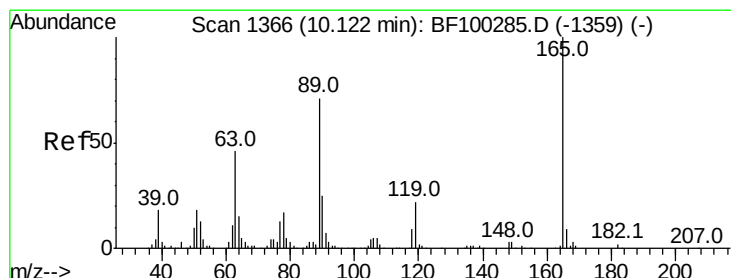
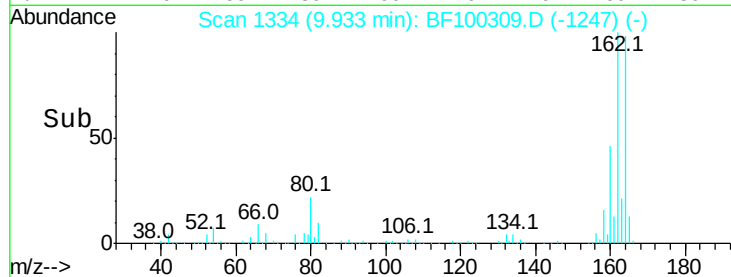
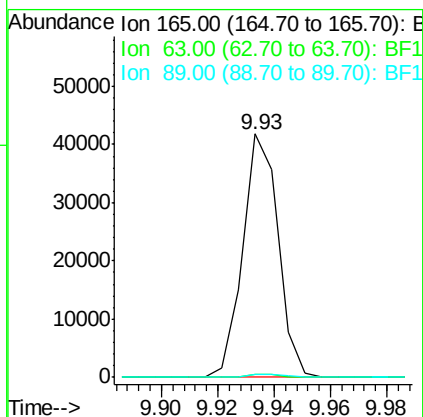
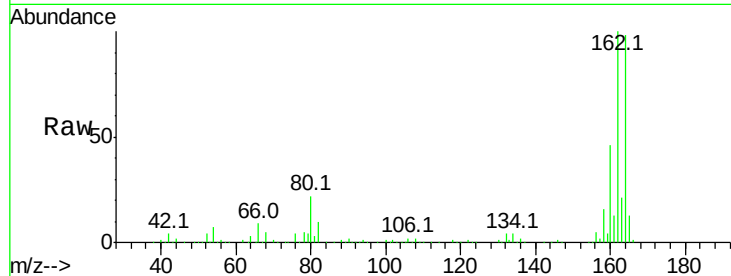
Tgt Ion:	65	Resp:	358
Ion	Ratio	Lower	Upper
65	100		
92	136.0	55.8	83.6#
138	0.0	91.2	136.8#





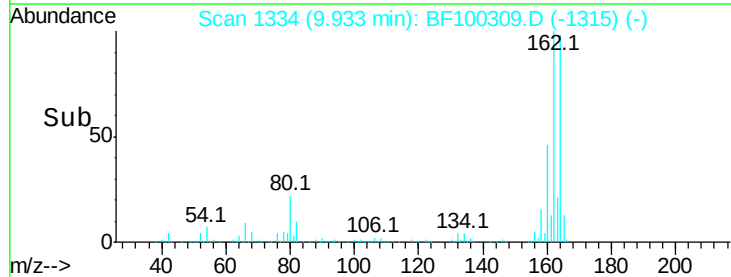
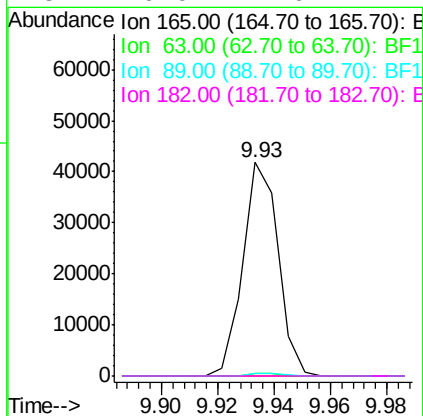
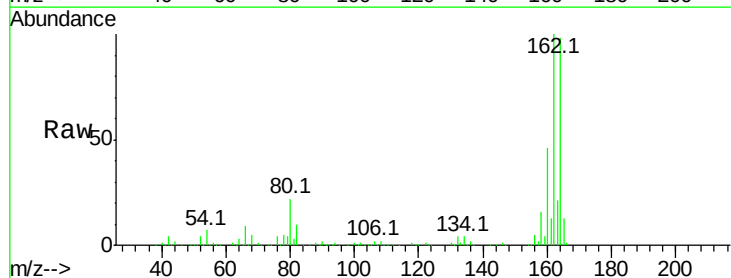
#50
 2,6-Dinitrotoluene
 Concen: 8.465 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.21 min
 Lab File: BF100309.D
 Acq: 8 Nov 2017 23:13

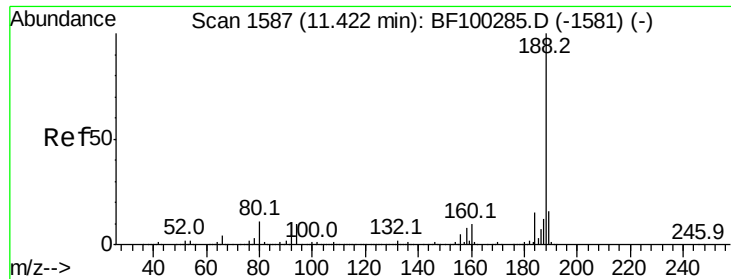
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.710 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.19 min
 Lab File: BF100309.D
 Acq: 8 Nov 2017 23:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF100309.D

Acq: 8 Nov 2017 23:13

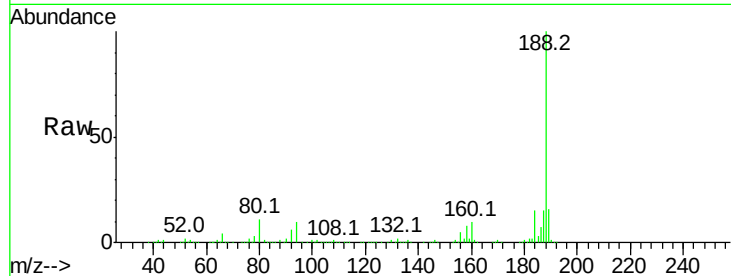
Tot Ion:188 Resp: 438254

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

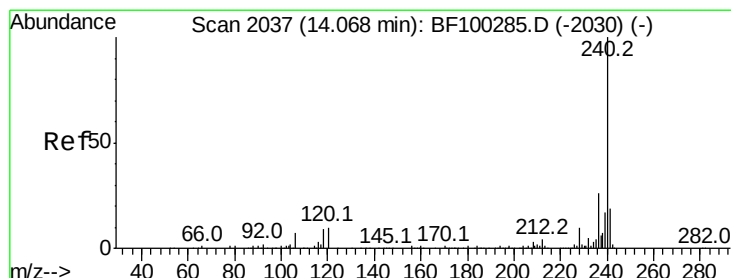
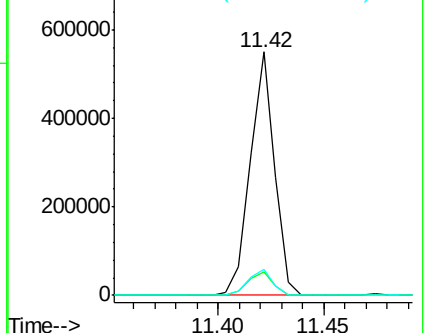
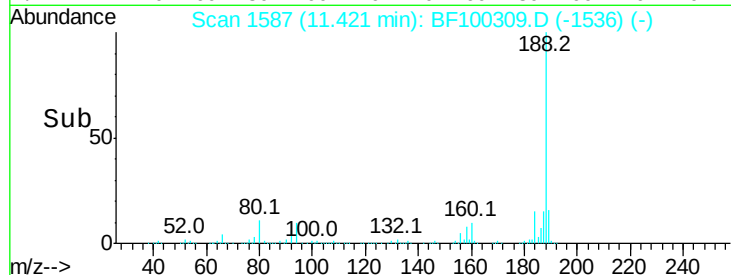
80 10.8 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF100309.D

Acq: 8 Nov 2017 23:13

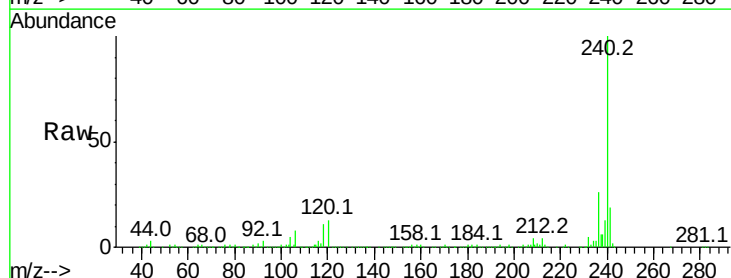
Tgt Ion:240 Resp: 375860

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

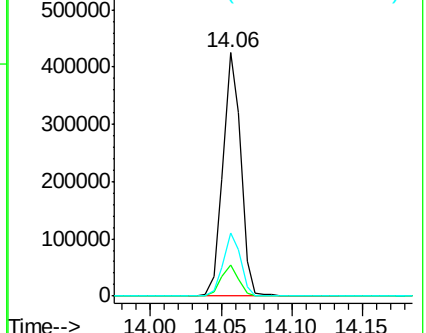
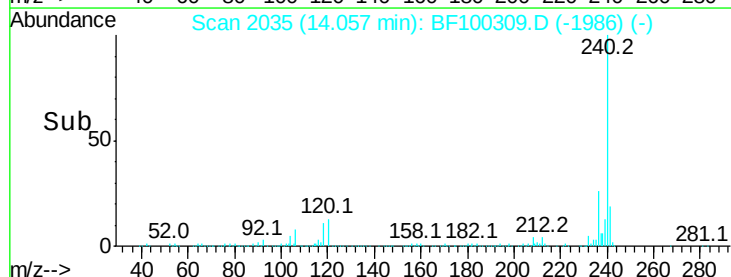
236 26.1 20.7 31.1

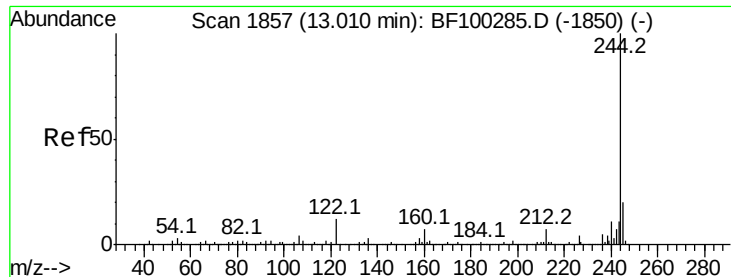


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 7.420 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF100309.D

Acq: 8 Nov 2017 23:13

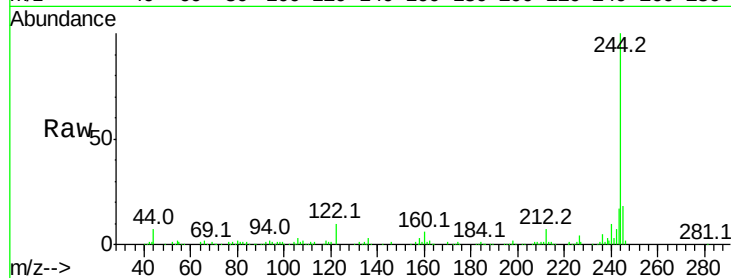
Tot Ion:244 Resp: 121375

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

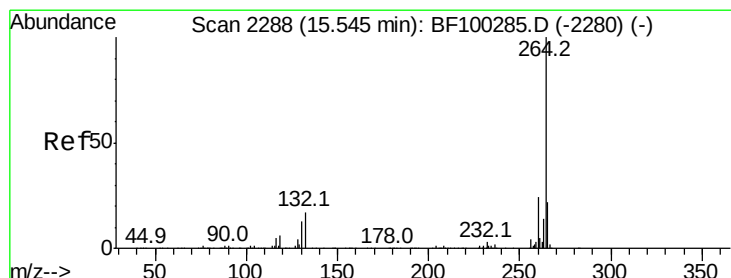
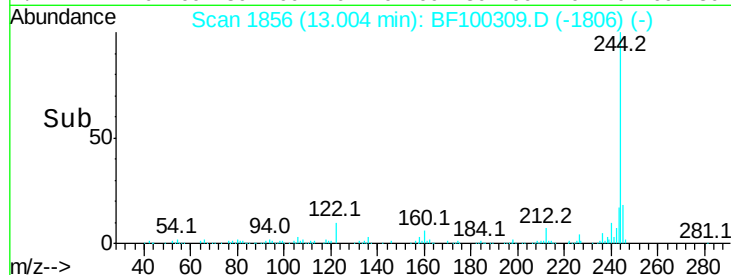
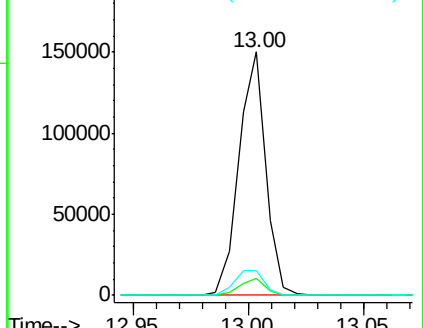
122 10.1 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BF100309.D

Acq: 8 Nov 2017 23:13

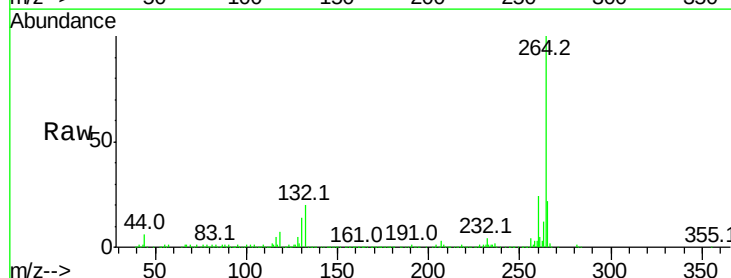
Tgt Ion:264 Resp: 357541

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.1 17.5 26.3



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

