

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100330.D
 Acq On : 9 Nov 2017 9:04
 Operator : SJ/JU
 Sample : I6336-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

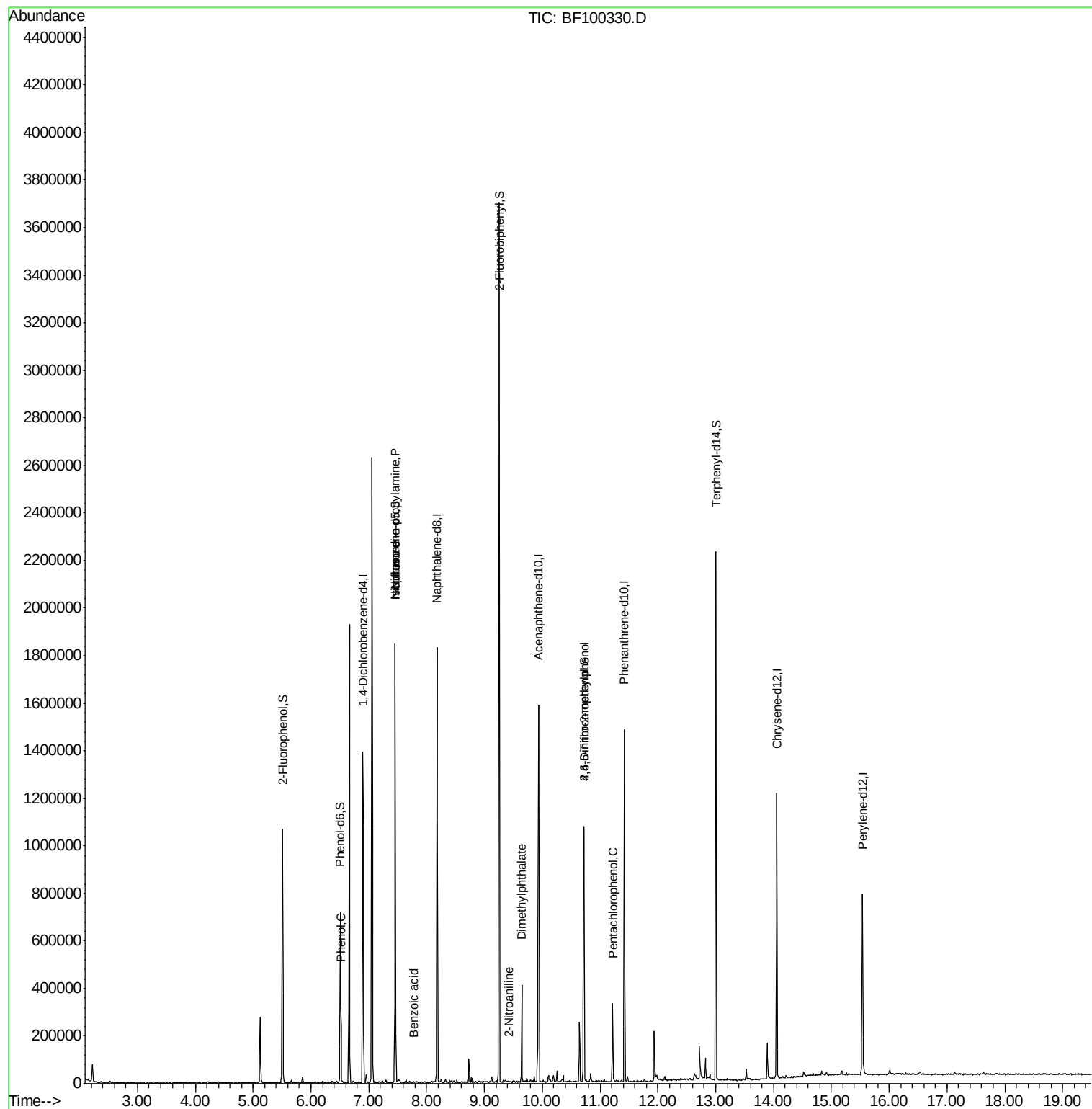
Quant Time: Nov 09 09:43:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

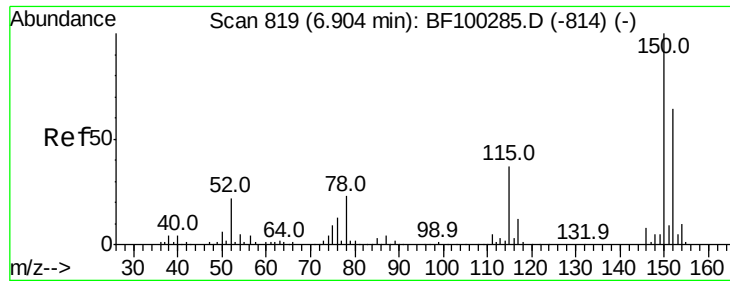
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	199341	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	750491	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	312164	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	478024	20.00	ng	0.00
75) Chrysene-d12	14.06	240	380708	20.00	ng	-0.01
86) Perylene-d12	15.54	264	356433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	271221	21.81	ng	0.00
7) Phenol-d6	6.51	99	206914	13.49	ng	-0.01
23) Nitrobenzene-d5	7.46	82	607422	53.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	121824	38.30	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1087889	53.07	ng	0.00
78) Terphenyl-d14	13.00	244	669635	40.41	ng	0.00
Target Compounds						
10) Phenol	6.52	94	55919	3.474	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.46	70	79706	7.495	ng	# 83
25) Isophorone	7.46	82	607411	25.463	ng	# 64
32) Benzoic acid	7.77	122	409	9.411	ng	# 28
47) 2-Nitroaniline	9.42	65	120	2.803	ng	# 2
49) Dimethylphthalate	9.65	163	136432	5.724	ng	99
64) 4,6-Dinitro-2-methylphenol	10.72	198	109	8.607	ng	# 1
69) Pentachlorophenol	11.22	266	32319	8.410	ng	95

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100330.D
Acq On : 9 Nov 2017 9:04
Operator : SJ/JU
Sample : I6336-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Nov 09 09:43:14 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

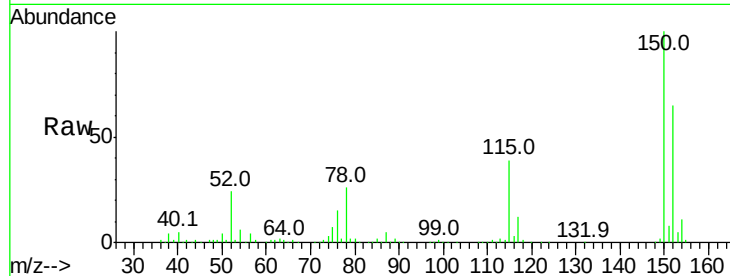




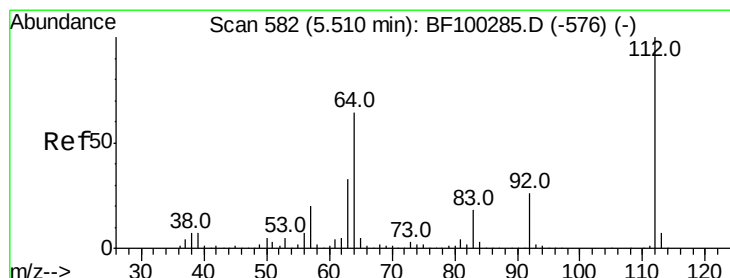
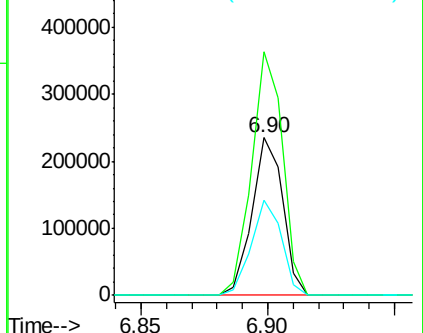
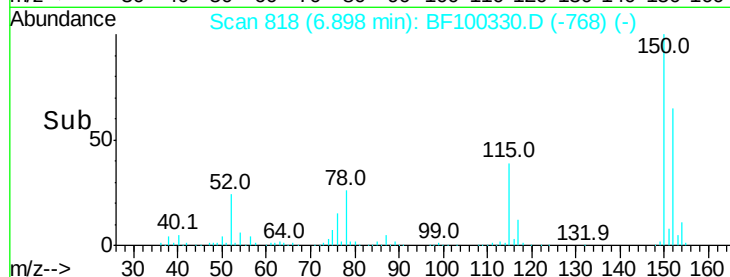
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100330.D
Acq: 9 Nov 2017 9:04

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	60.5	50.1	75.1



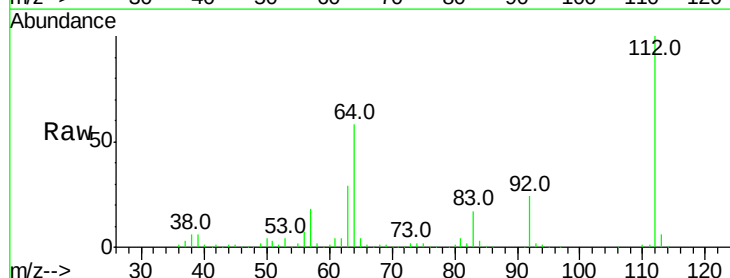
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



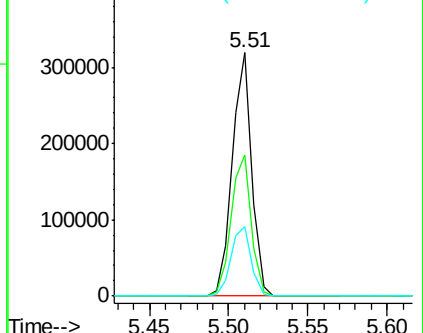
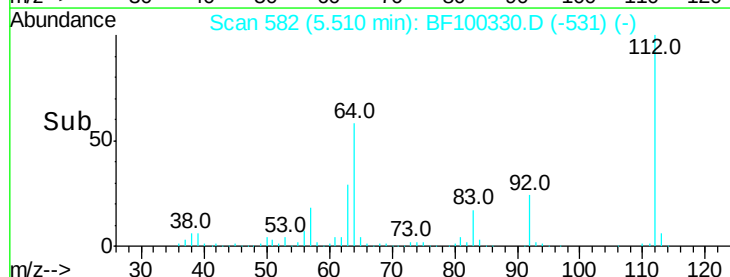
#5

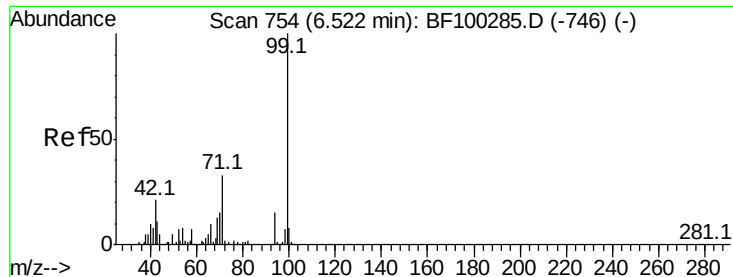
2-Fluorophenol
Concen: 21.810 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF100330.D
Acq: 9 Nov 2017 9:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	28.6	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: 13.493 ng

RT: 6.51 min Scan# 752

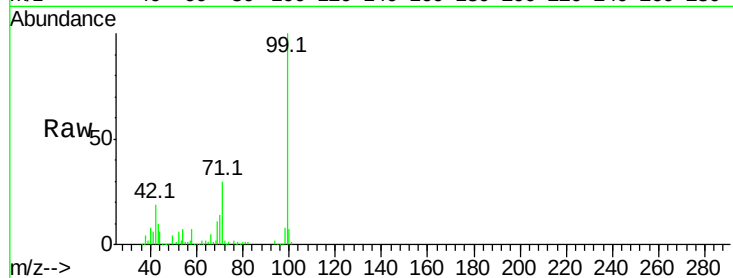
Delta R.T. -0.01 min

Lab File: BF100330.D

Acq: 9 Nov 2017 9:04

Tot Ion: 99 Resp: 206914

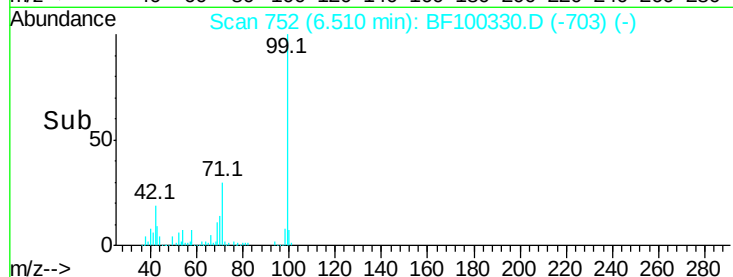
Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	30.4	25.4	38.0



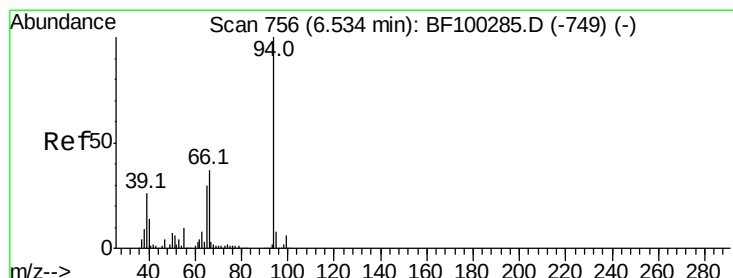
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#10

Phenol

Concen: 3.474 ng

RT: 6.52 min Scan# 754

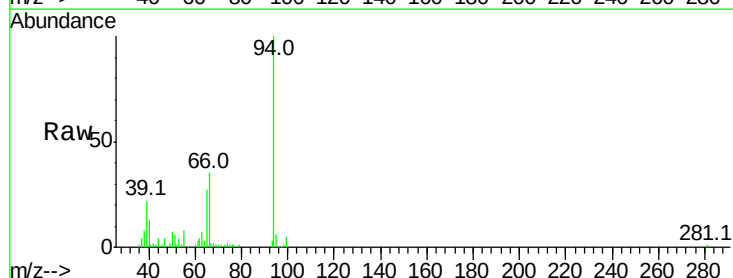
Delta R.T. -0.01 min

Lab File: BF100330.D

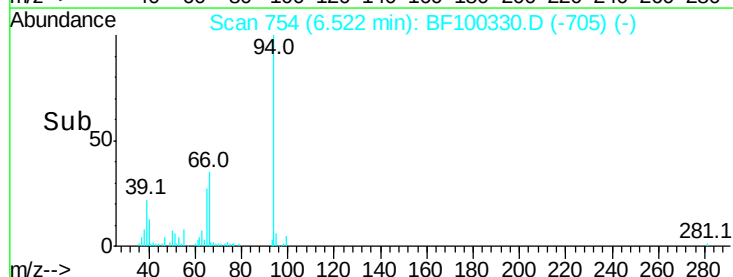
Acq: 9 Nov 2017 9:04

Tgt Ion: 94 Resp: 55919

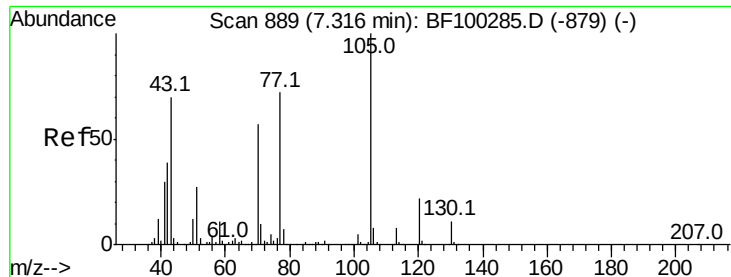
Ion	Ratio	Lower	Upper
94	100		
65	26.7	7.9	47.9
66	34.5	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 7.495 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.14 min

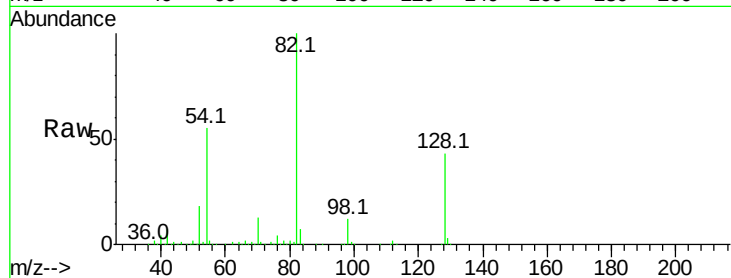
Lab File: BF100330.D

Acq: 9 Nov 2017 9:04

Tot Ion: 70 Resp: 79706

Ion Ratio Lower Upper

70	100		
42	53.4	47.5	71.3
101	0.0	7.4	11.2
130	2.3	16.6	25.0

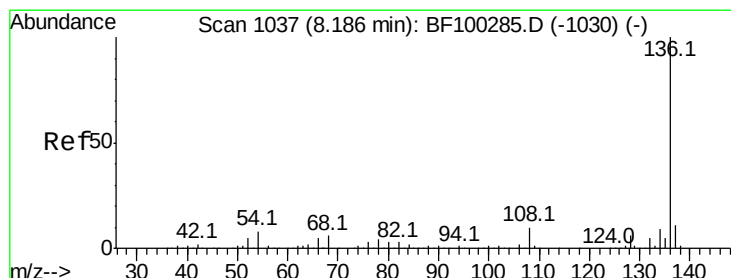
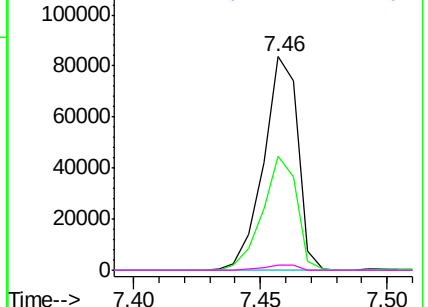
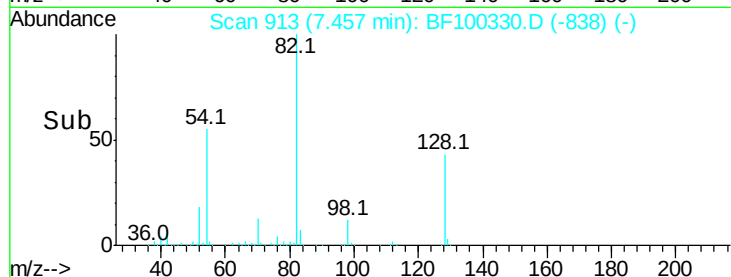


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

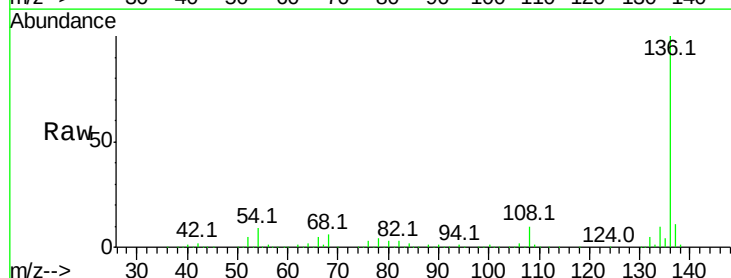
Lab File: BF100330.D

Acq: 9 Nov 2017 9:04

Tgt Ion: 136 Resp: 750491

Ion Ratio Lower Upper

136	100		
137	11.3	8.9	13.3
54	8.9	6.6	9.8
68	6.4	5.0	7.4

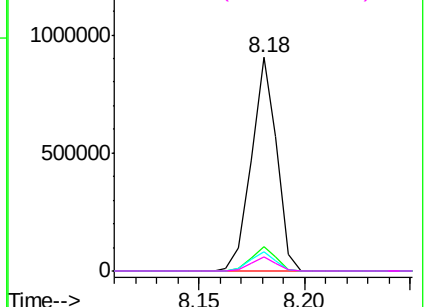
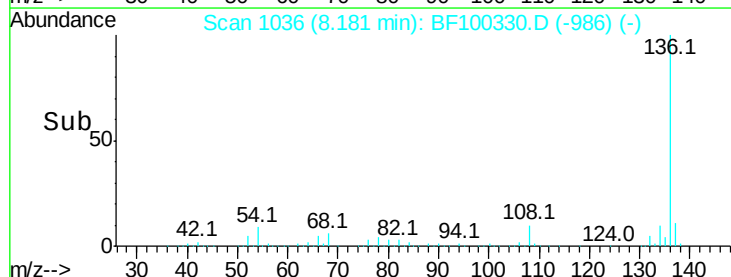


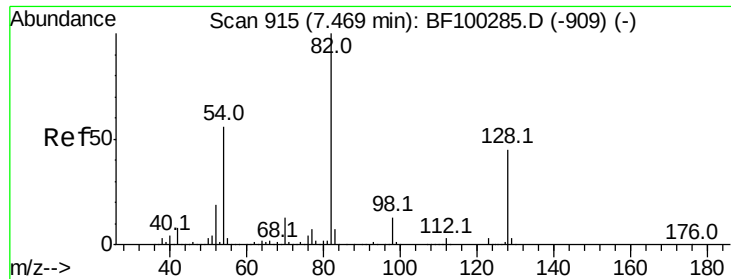
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

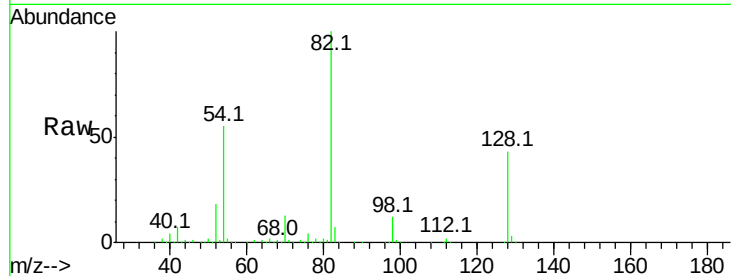
Ion 68.00 (67.70 to 68.70): BF1



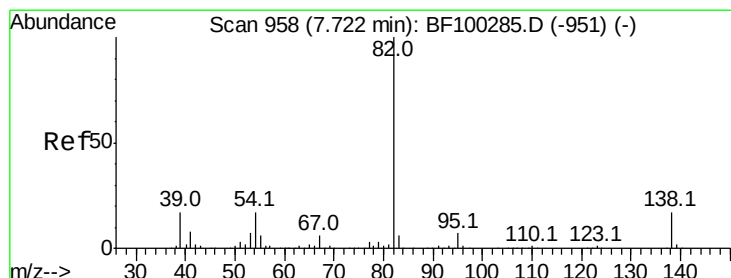
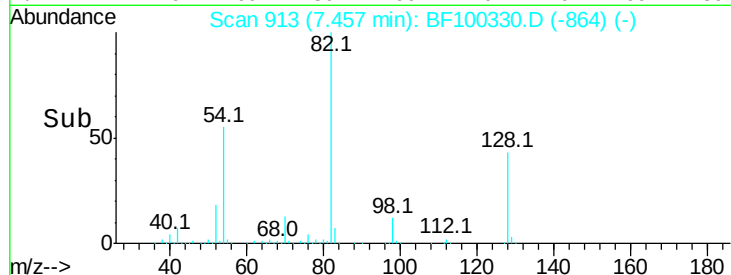
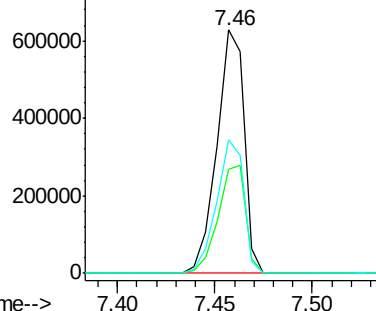


#23
Nitrobenzene-d5
Concen: 53.510 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100330.D
Acq: 9 Nov 2017 9:04

Tot Ion: 82 Resp: 607422
Ion Ratio Lower Upper
82 100
128 42.5 36.1 54.1
54 54.9 41.4 62.2

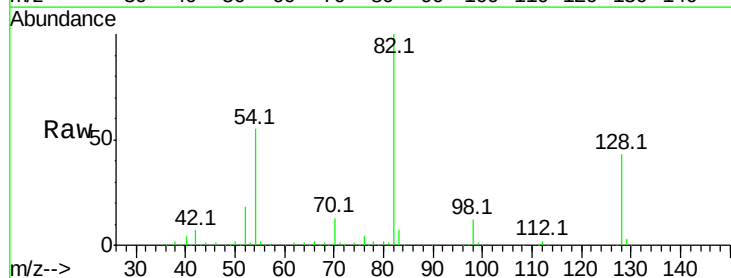


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

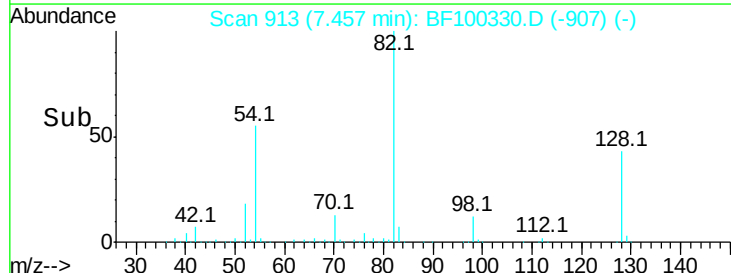
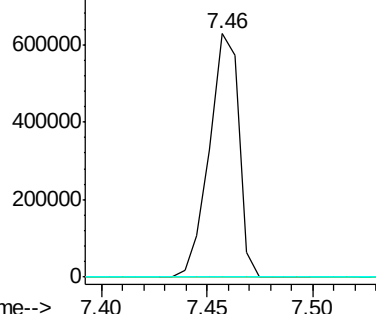


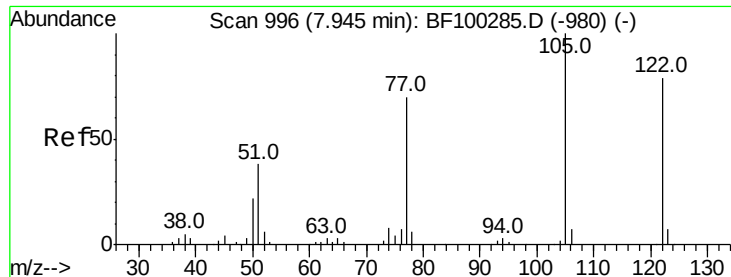
#25
Isophorone
Concen: 25.463 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF100330.D
Acq: 9 Nov 2017 9:04

Tgt Ion: 82 Resp: 607411
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



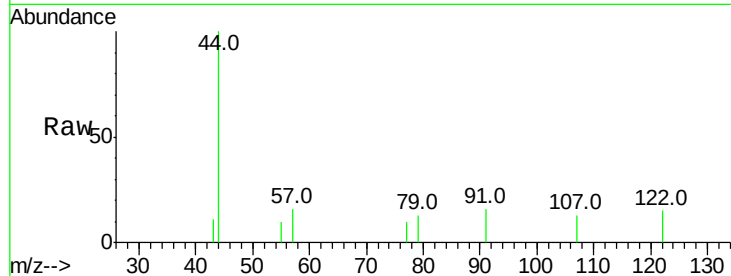
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



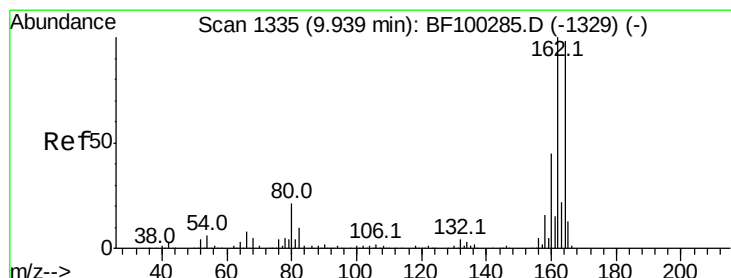
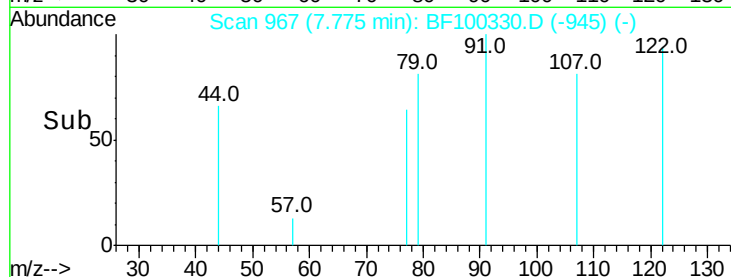
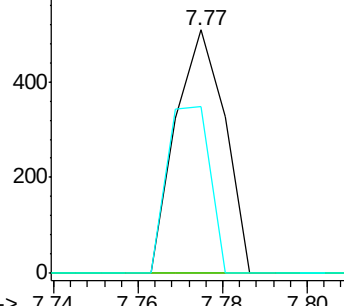


#32
Benzoic acid
Concen: 9.411 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.17 min
Lab File: BF100330.D
Acq: 9 Nov 2017 9:04

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	68.3	70.7	110.7#

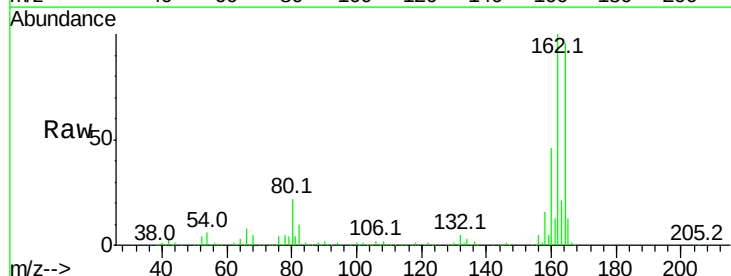


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

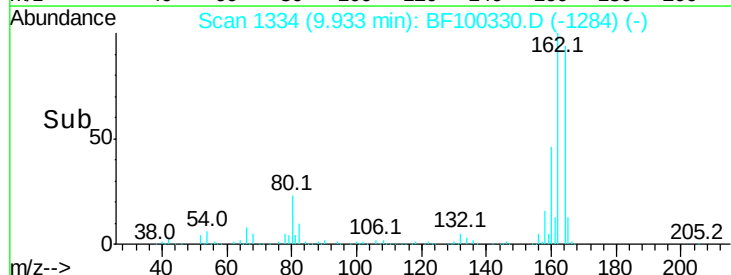
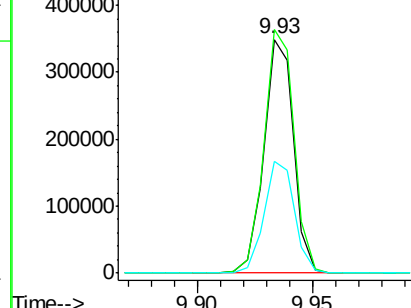


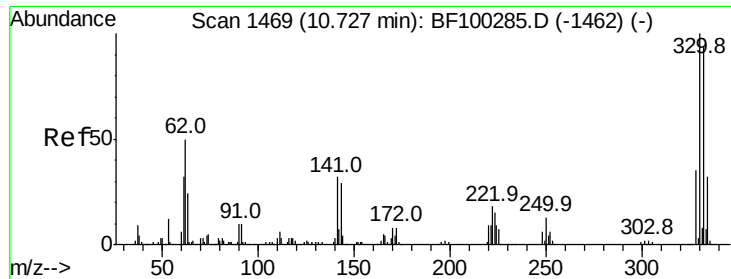
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100330.D
Acq: 9 Nov 2017 9:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	47.7	38.3	57.5



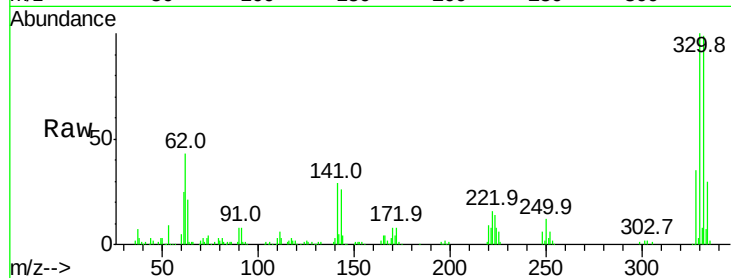
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



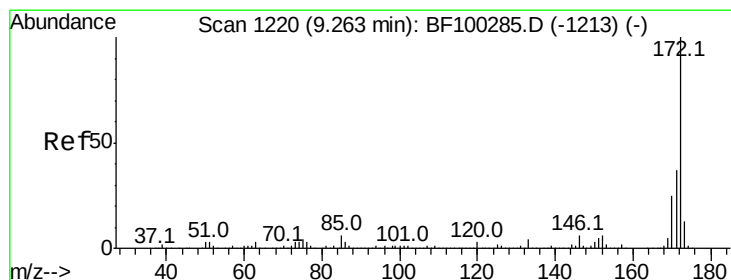
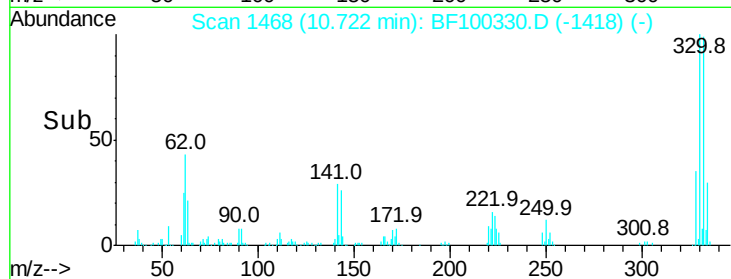
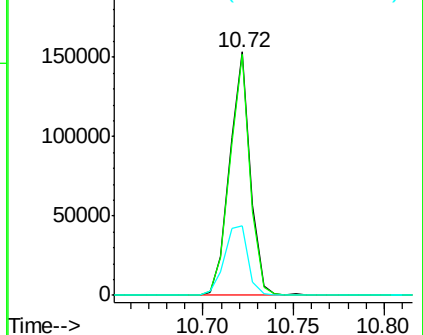


#41
 2,4,6-Tribromophenol
 Concen: 38.298 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF100330.D
 Acq: 9 Nov 2017 9:04

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.9	29.9	44.9

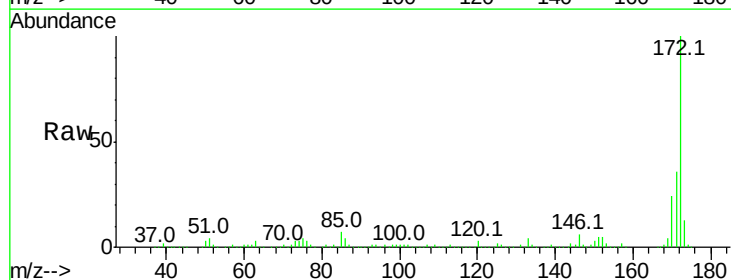


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

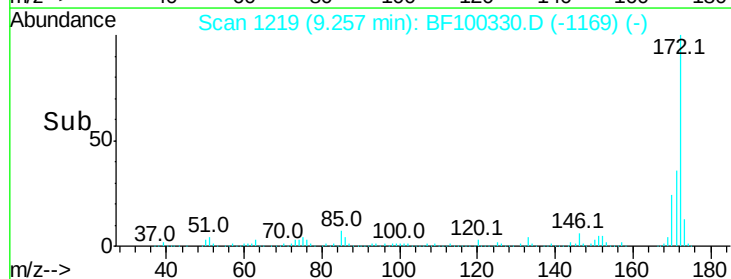
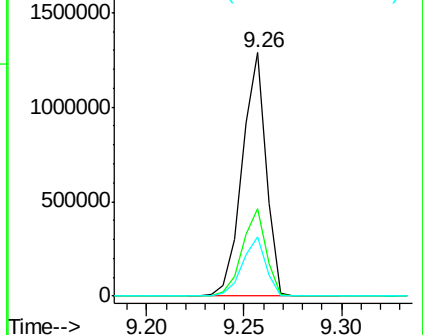


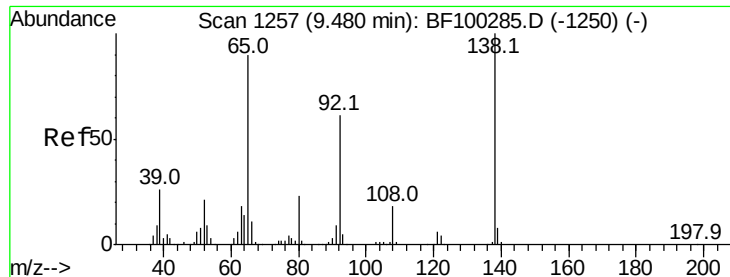
#44
 2-Fluorobiphenyl
 Concen: 53.066 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100330.D
 Acq: 9 Nov 2017 9:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.5	19.6	29.4



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





#47

2-Nitroaniline

Concen: 2.803 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.06 min

Lab File: BF100330.D

Acq: 9 Nov 2017 9:04

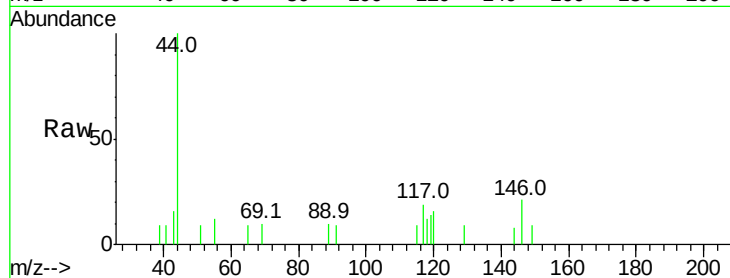
Tot Ion: 65 Resp: 120

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

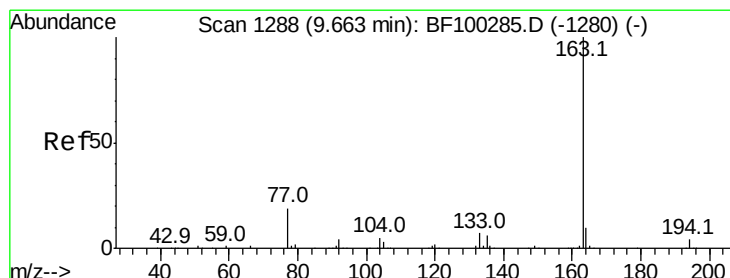
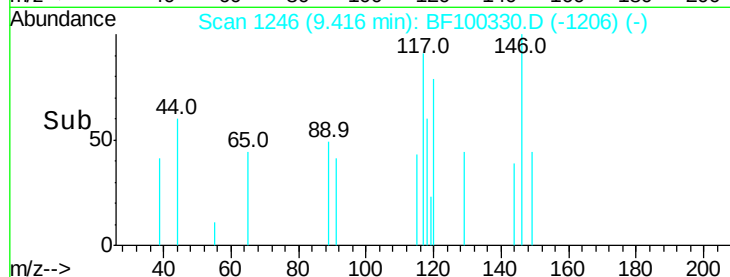
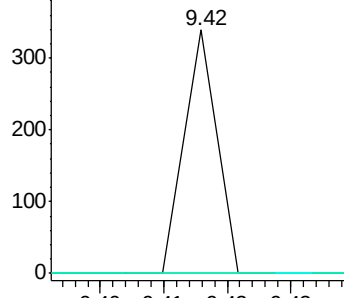
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49

Dimethylphthalate

Concen: 5.724 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100330.D

Acq: 9 Nov 2017 9:04

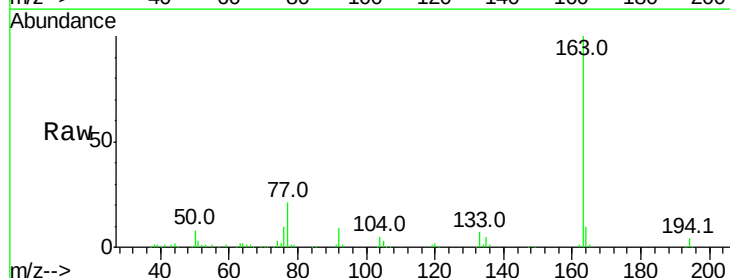
Tgt Ion: 163 Resp: 136432

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

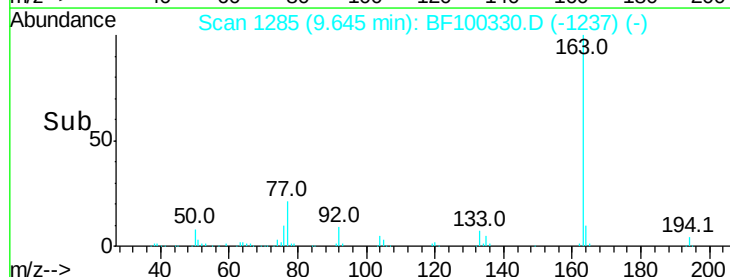
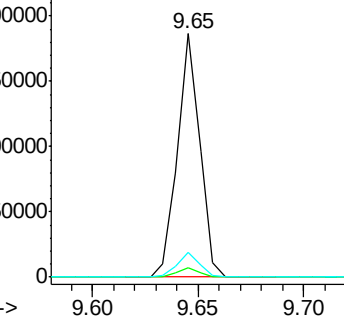
164 10.4 8.2 12.2

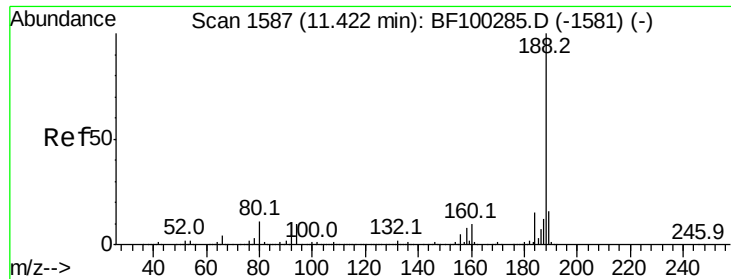


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

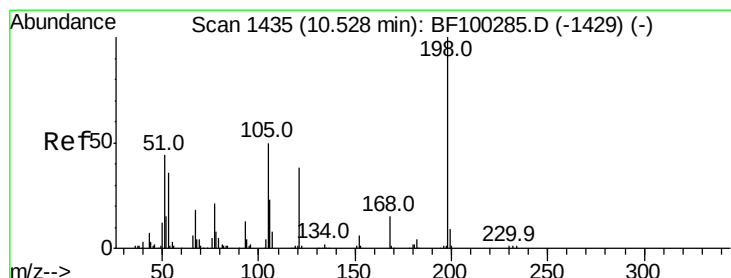
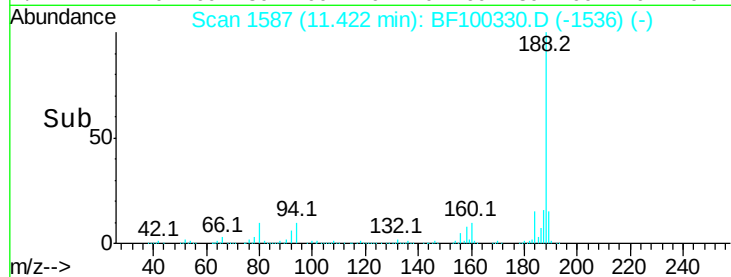
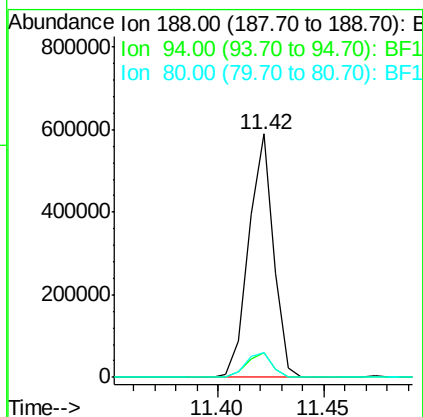
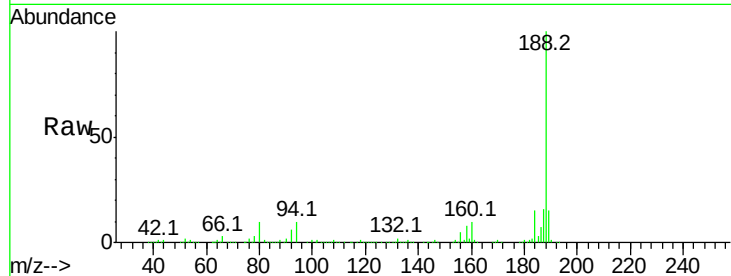
Ion 164.00 (163.70 to 164.70): E





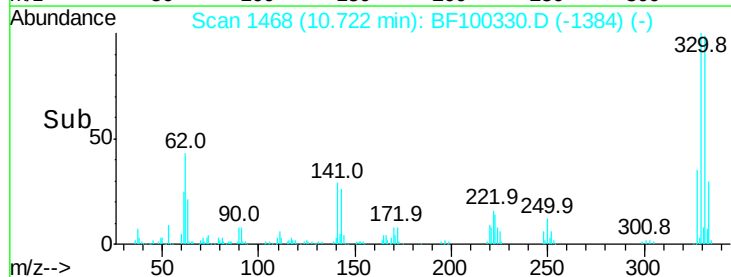
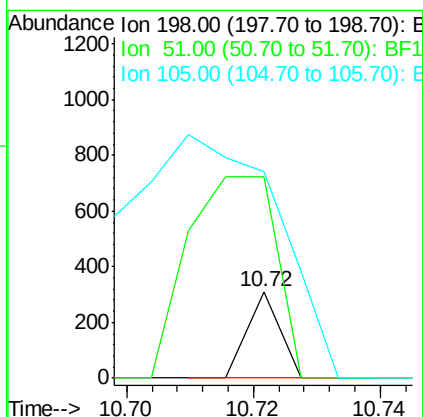
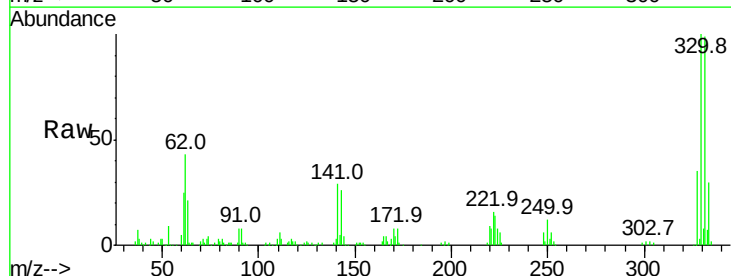
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF100330.D
 Acq: 9 Nov 2017 9:04

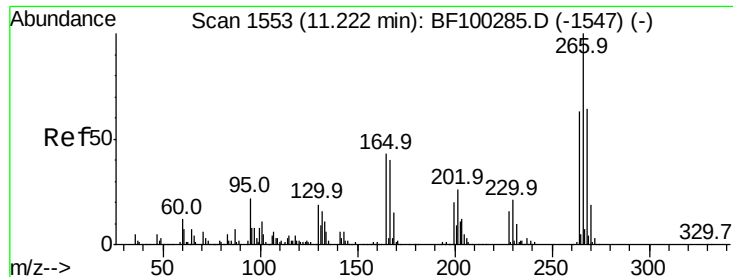
Tot Ion:188 Resp: 478024
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 10.4 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.607 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF100330.D
 Acq: 9 Nov 2017 9:04

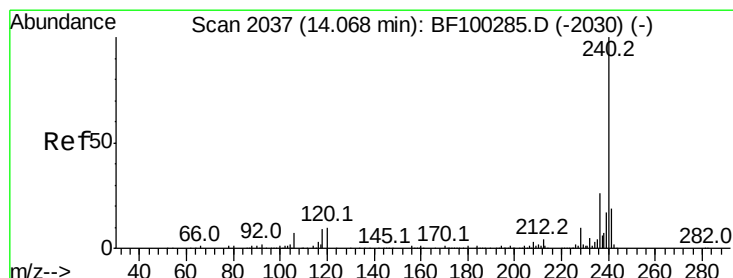
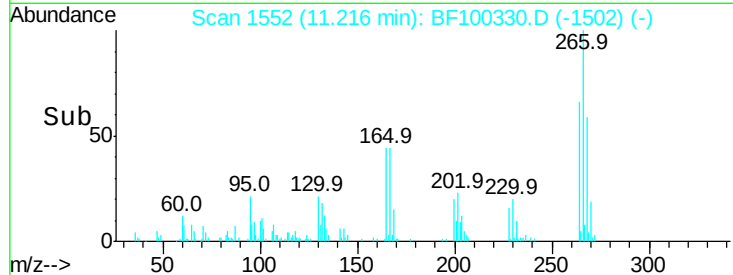
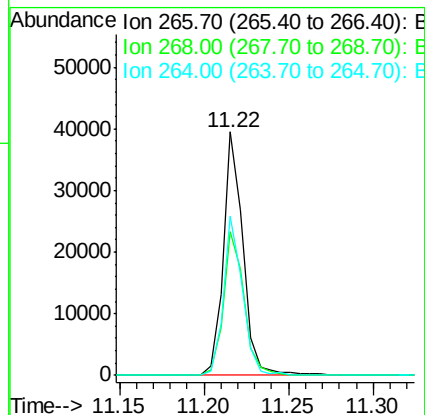
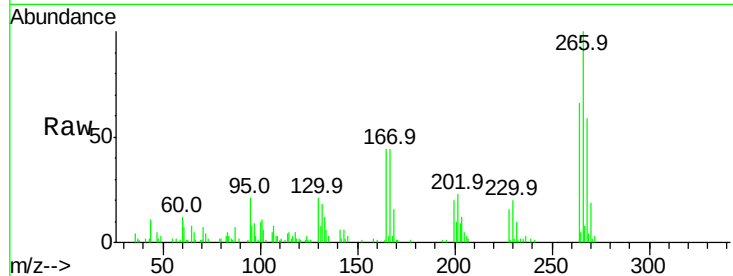
Tgt Ion:198 Resp: 109
 Ion Ratio Lower Upper
 198 100
 51 233.5 37.7 77.7#
 105 239.7 36.3 76.3#





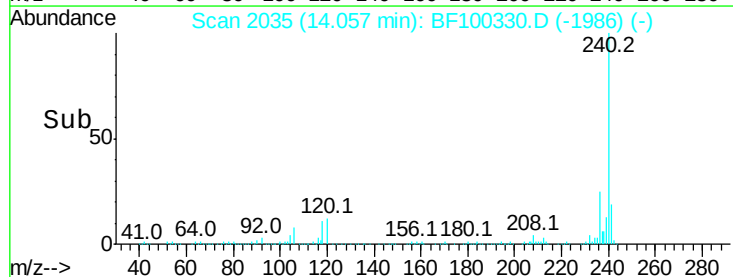
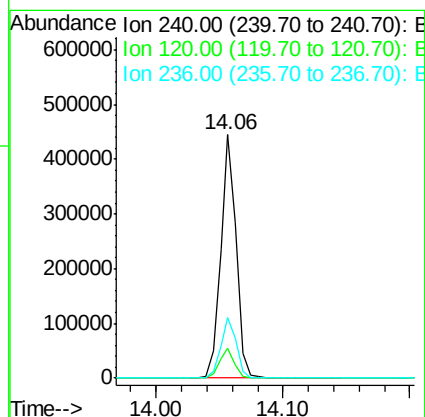
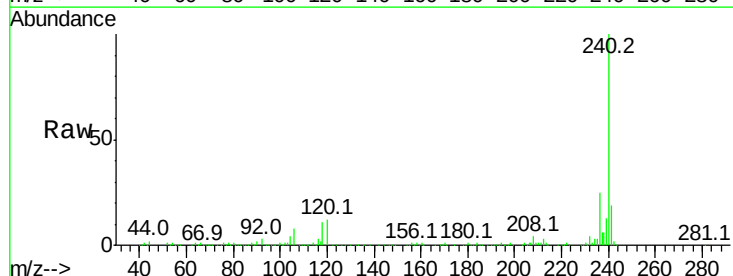
#69
 Pentachlorophenol
 Concen: 8.410 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF100330.D
 Acq: 9 Nov 2017 9:04

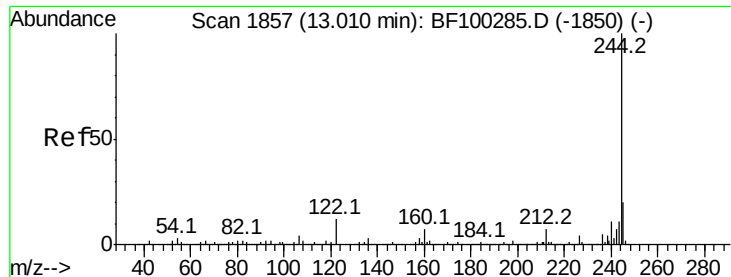
Tot Ion	Ratio	Lower	Upper
266	100		
268	59.1	51.1	76.7
264	65.6	49.5	74.3



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF100330.D
 Acq: 9 Nov 2017 9:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	25.0	20.7	31.1





#78

Terphenyl-d14

Concen: 40.415 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF100330.D

Acq: 9 Nov 2017 9:04

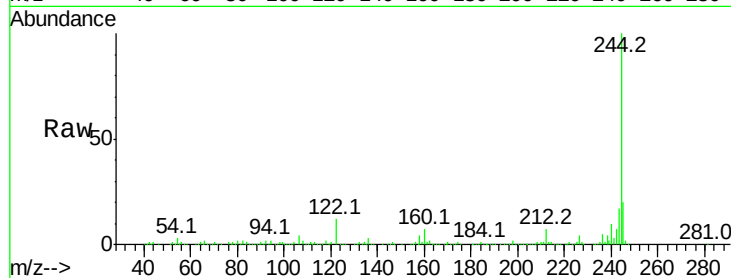
Tot Ion:244 Resp: 669635

Ion Ratio Lower Upper

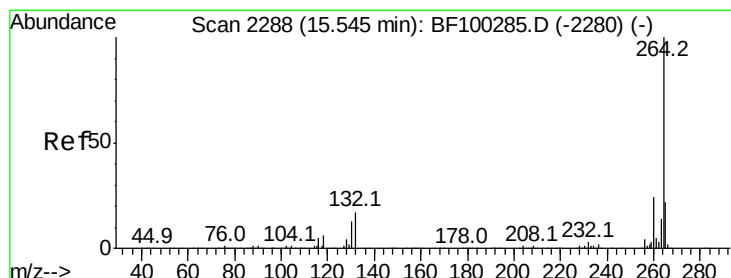
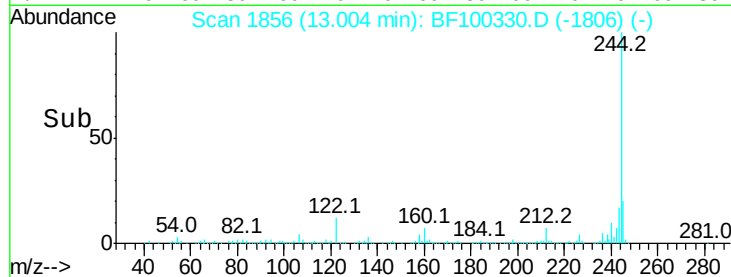
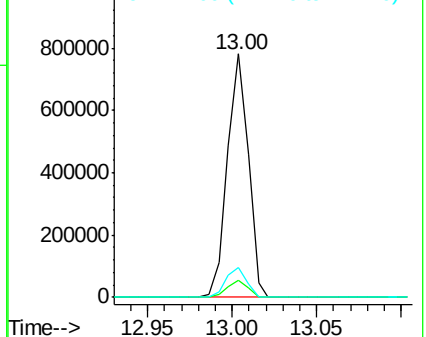
244 100

212 6.9 5.4 8.0

122 12.5 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: BF100330.D

Acq: 9 Nov 2017 9:04

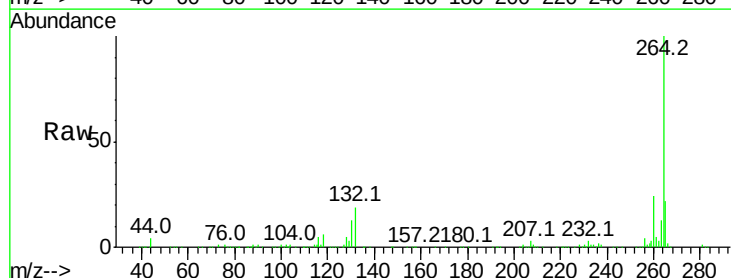
Tgt Ion:264 Resp: 356433

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.5 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

