

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100326.D
 Acq On : 9 Nov 2017 7:16
 Operator : SJ/JU
 Sample : I6379-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

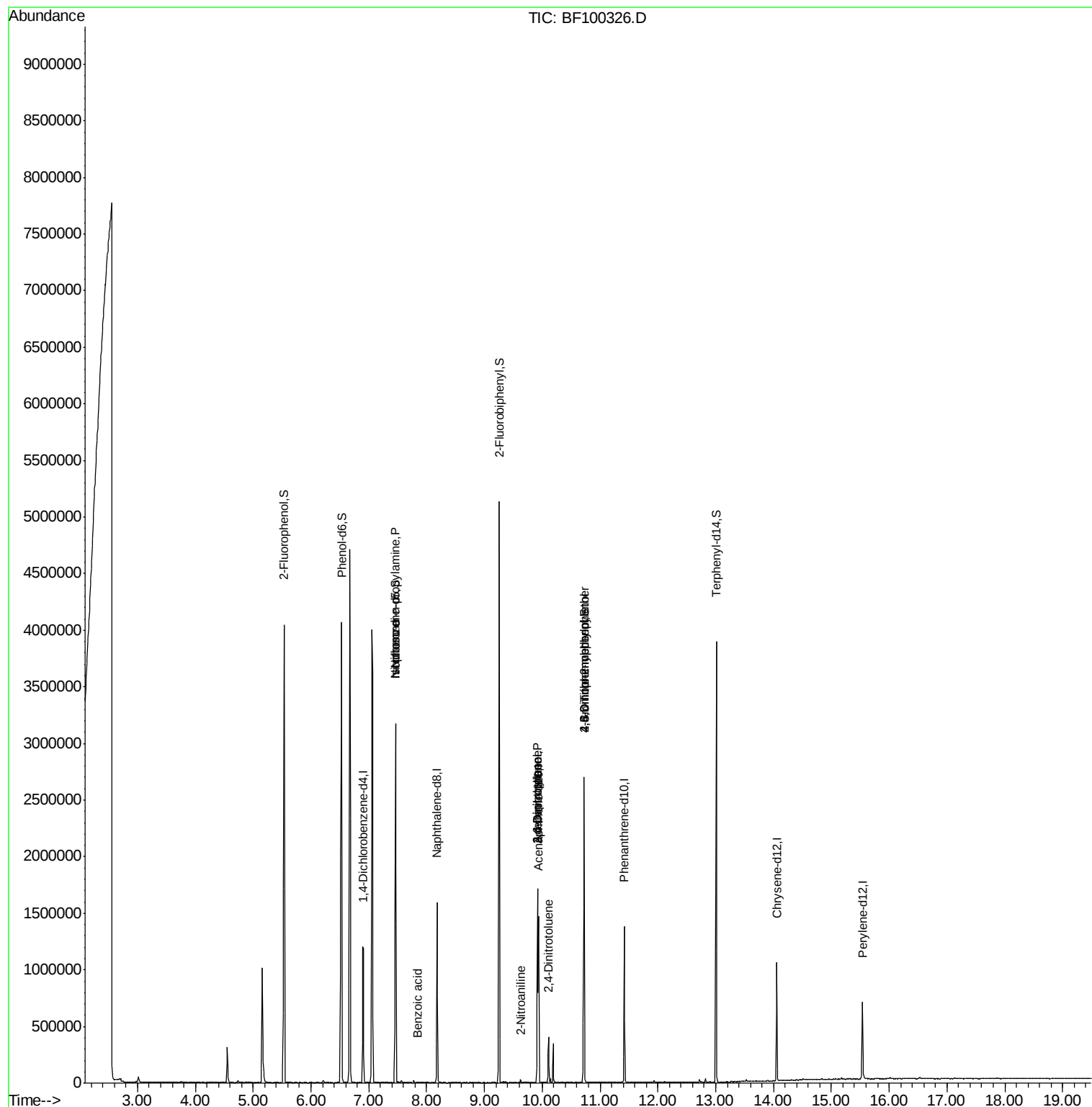
Quant Time: Nov 09 08:41:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

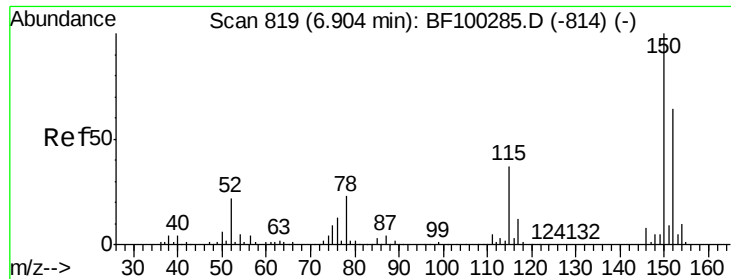
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	179189	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	692291	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	300106	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	446987	20.00	ng	0.00
75) Chrysene-d12	14.06	240	336758	20.00	ng	-0.01
86) Perylene-d12	15.54	264	316144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1367054	122.29	ng	0.03
7) Phenol-d6	6.53	99	1531518	111.10	ng	0.00
23) Nitrobenzene-d5	7.46	82	1120074	106.97	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	361646	118.26	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1956011	99.25	ng	0.00
78) Terphenyl-d14	13.01	244	1315768	89.78	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	149515	15.64	ng	# 83
25) Isophorone	7.46	82	1120059	50.90	ng	# 64
32) Benzoic acid	7.85	122	299	9.40	ng	90
47) 2-Nitroaniline	9.62	65	584	2.88	ng	# 2
48) Acenaphthylene	9.92	152	79929	2.56	ng	# 87
50) 2,6-Dinitrotoluene	9.92	165	182116	40.15	ng	# 38
53) 2,4-Dinitrophenol	9.92	184	1084	8.57	ng	# 1
56) 2,4-Dinitrotoluene	10.11	165	27866	4.87	ng	# 40
64) 4,6-Dinitro-2-methylphenol	10.73	198	805	8.86	ng	# 6
66) 4-Bromophenyl-phenylether	10.73	248	22708	4.74	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100326.D
Acq On : 9 Nov 2017 7:16
Operator : SJ/JU
Sample : I6379-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Nov 09 08:41:45 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

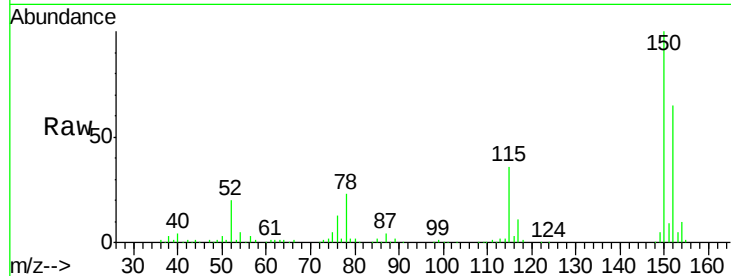




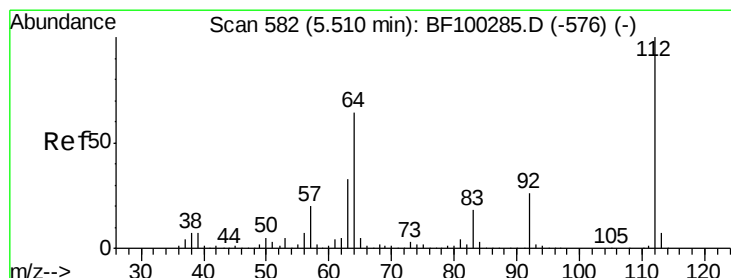
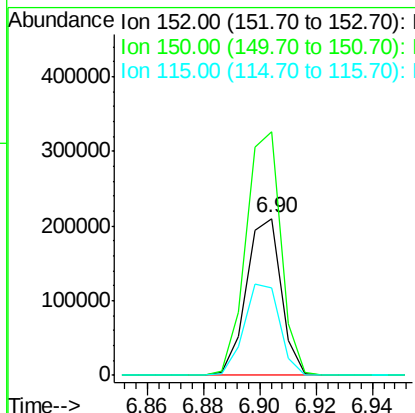
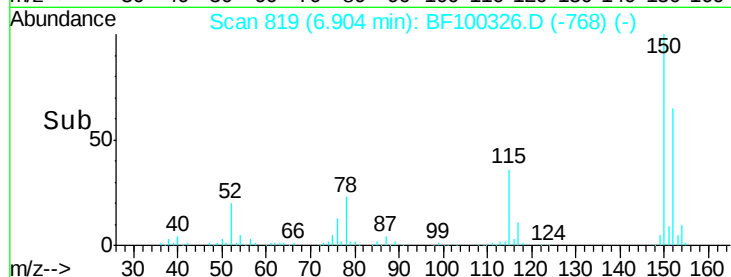
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100326.D
Acq: 9 Nov 2017 7:16

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	55.3	50.1	75.1



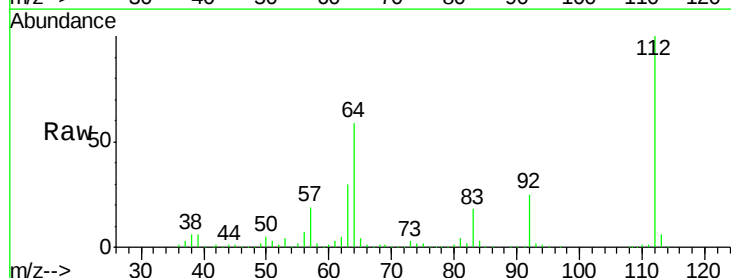
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



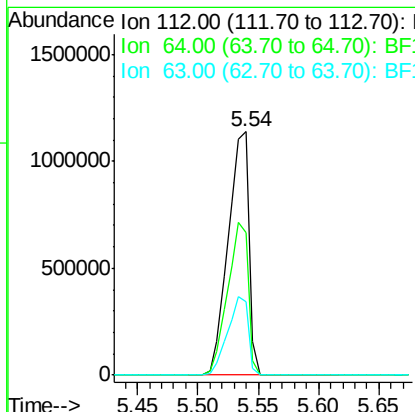
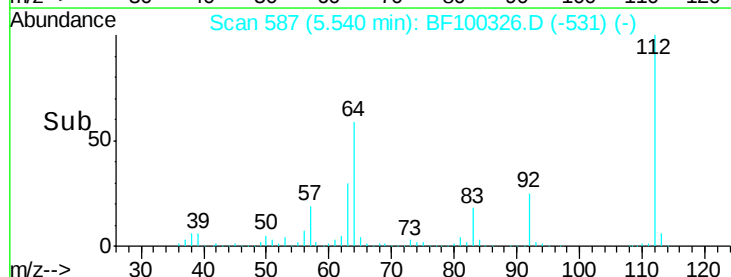
#5

2-Fluorophenol
Concen: 122.29 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.03 min
Lab File: BF100326.D
Acq: 9 Nov 2017 7:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
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: 111.10 ng

RT: 6.53 min Scan# 755

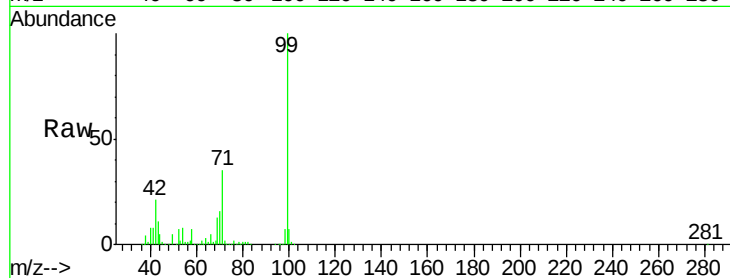
Delta R.T. 0.01 min

Lab File: BF100326.D

Acq: 9 Nov 2017 7:16

Tot Ion: 99 Resp: 1531518

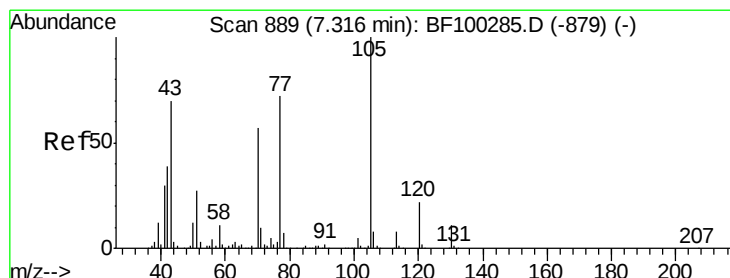
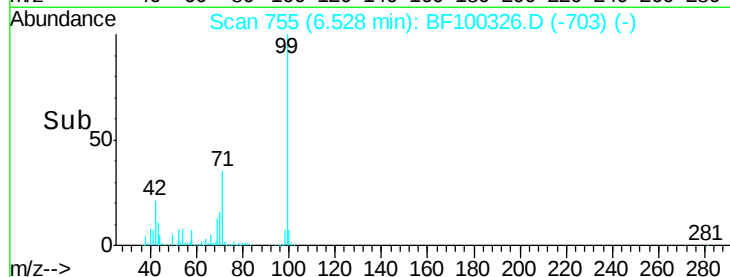
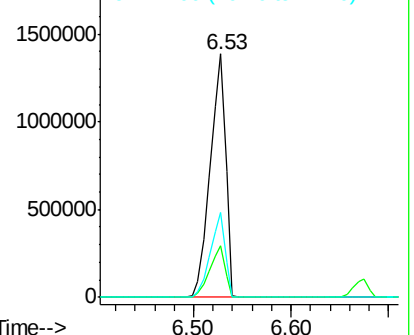
Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	34.6	25.4	38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.64 ng

RT: 7.46 min Scan# 914

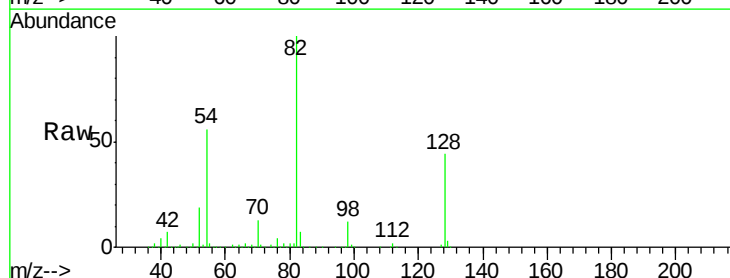
Delta R.T. 0.15 min

Lab File: BF100326.D

Acq: 9 Nov 2017 7:16

Tgt Ion: 70 Resp: 149515

Ion	Ratio	Lower	Upper
70	100		
42	53.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

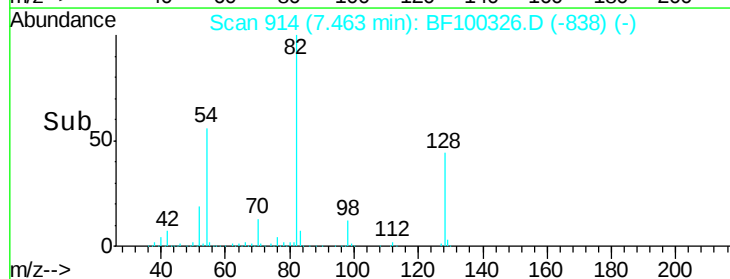
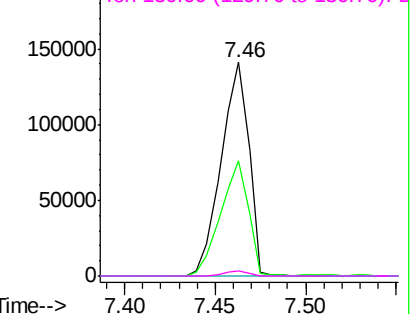


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

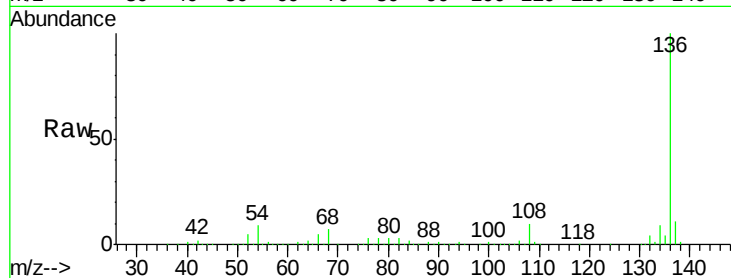
Ion 130.00 (129.70 to 130.70): BF1



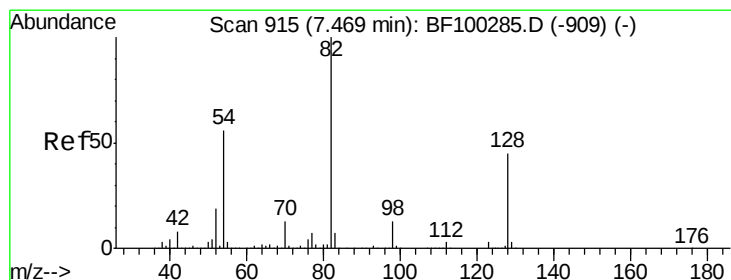
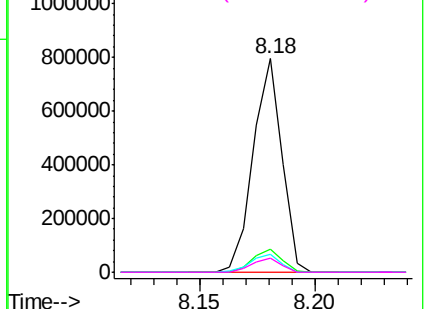
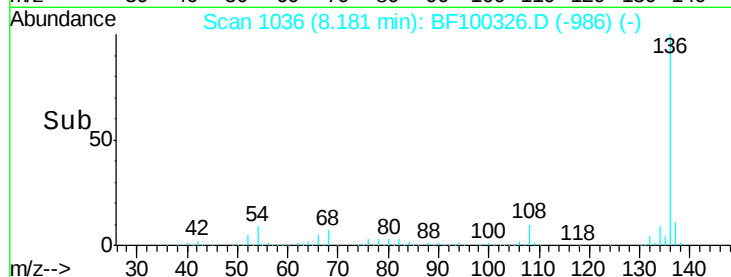


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100326.D
Acq: 9 Nov 2017 7:16

Tot Ion:136	Resp:	692291
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 8.5	6.6	9.8
68 6.6	5.0	7.4

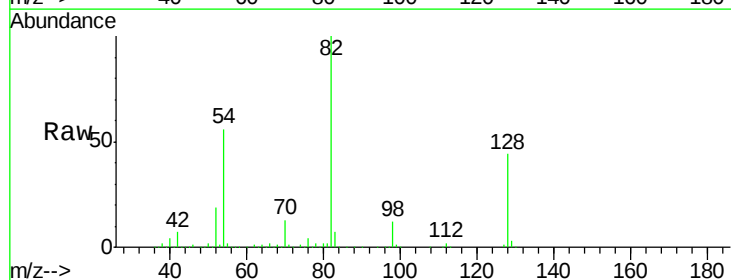


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

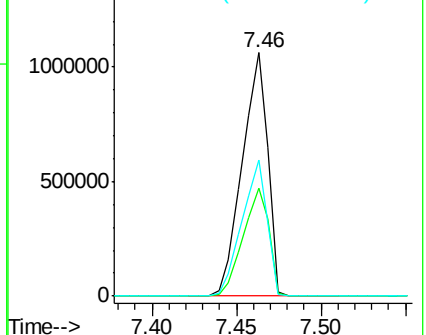
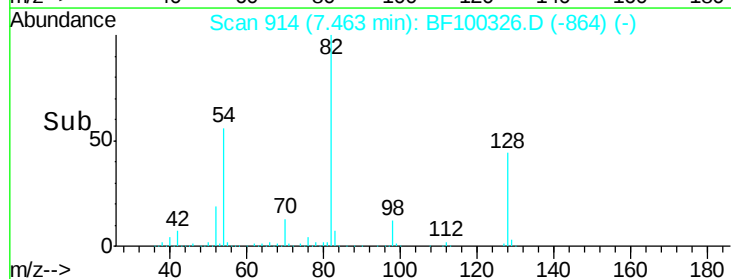


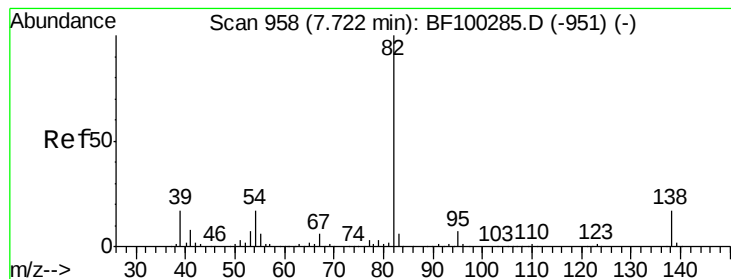
#23
Nitrobenzene-d5
Concen: 106.97 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100326.D
Acq: 9 Nov 2017 7:16

Tgt Ion: 82	Resp:	1120074
Ion Ratio	Lower	Upper
82 100		
128 44.4	36.1	54.1
54 55.7	41.4	62.2



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





#25

Isophorone

Concen: 50.90 ng

RT: 7.46 min Scan# 914

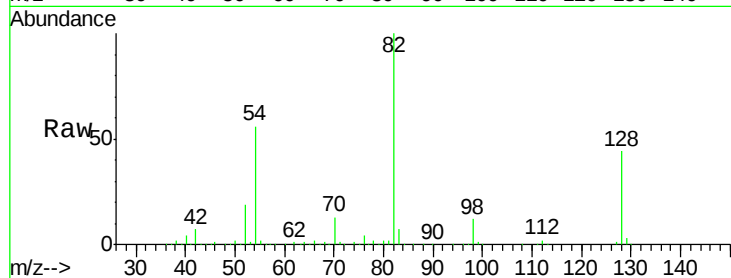
Delta R.T. -0.26 min

Lab File: BF100326.D

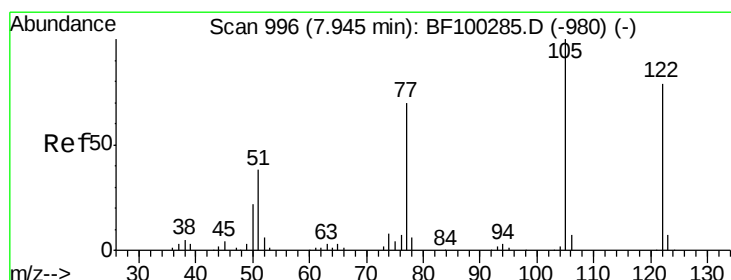
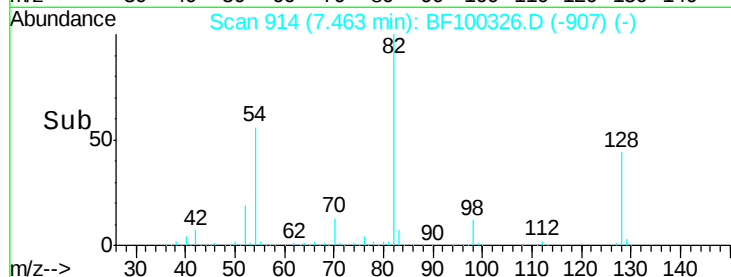
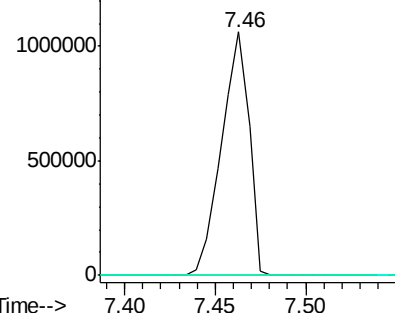
Acq: 9 Nov 2017 7:16

Tot Ion: 82 Resp: 1120059

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: 9.40 ng

RT: 7.85 min Scan# 979

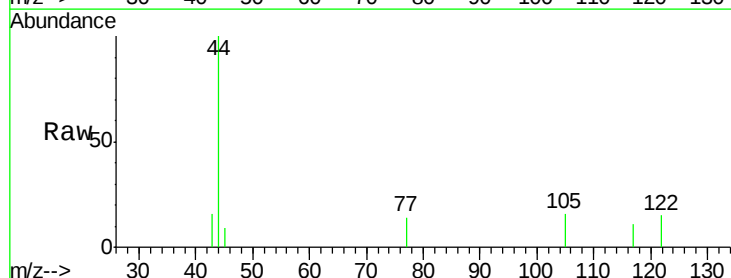
Delta R.T. -0.10 min

Lab File: BF100326.D

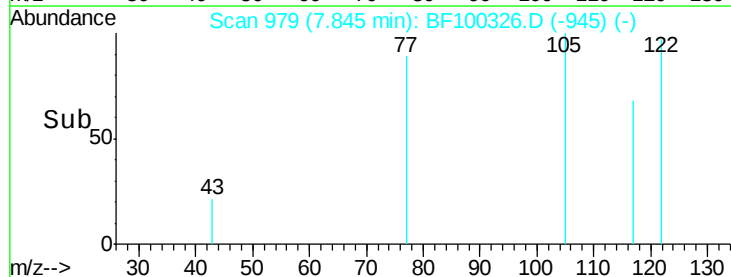
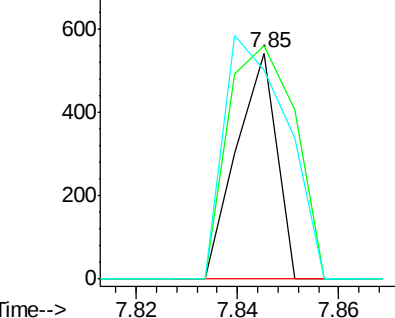
Acq: 9 Nov 2017 7:16

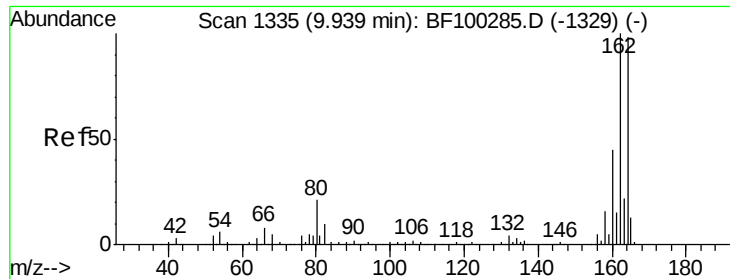
Tgt Ion: 122 Resp: 299

Ion	Ratio	Lower	Upper
122	100		
105	103.1	101.1	141.1
77	92.3	70.7	110.7



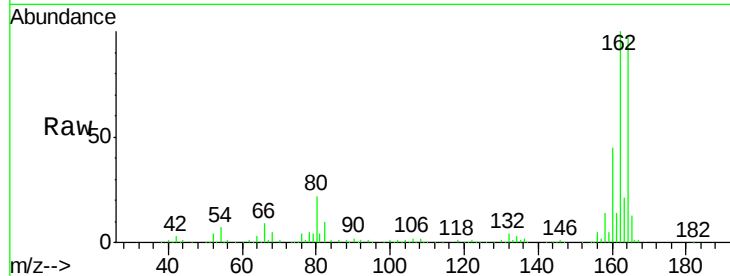
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1



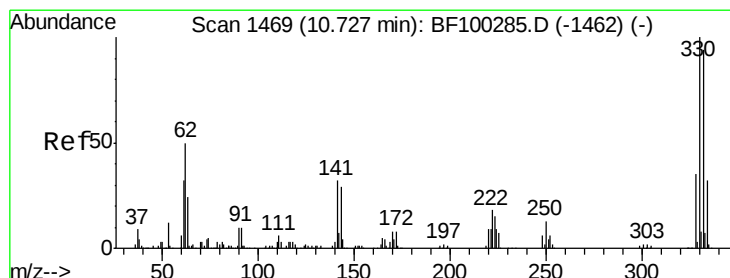
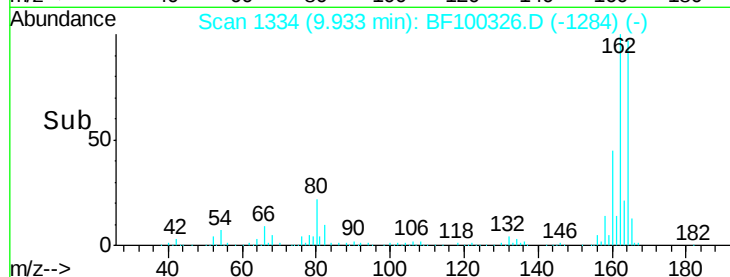
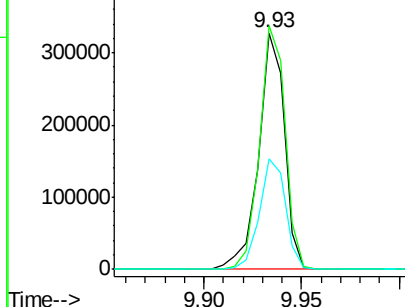


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100326.D
Acq: 9 Nov 2017 7:16

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.7	38.3	57.5

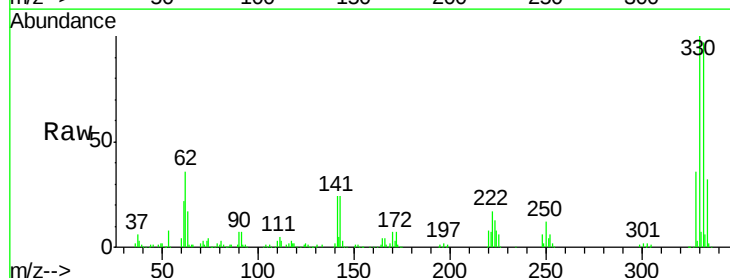


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

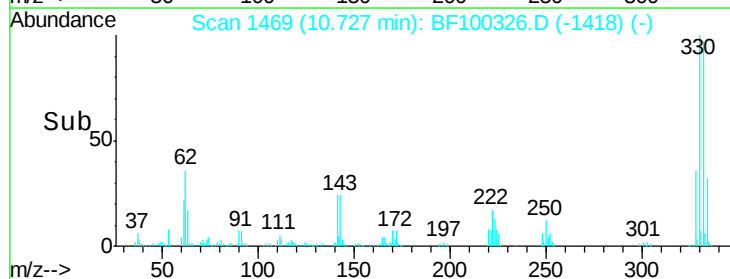
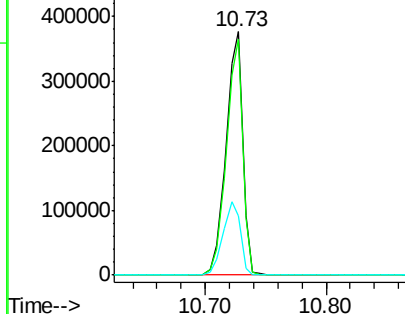


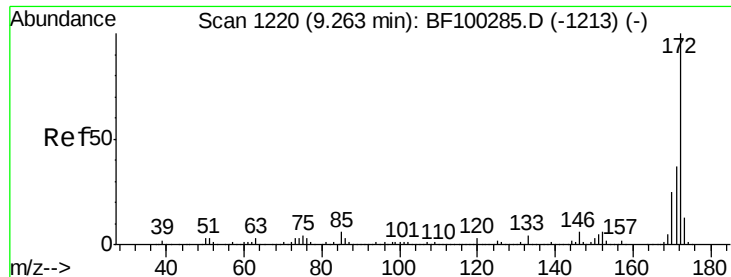
#41
2,4,6-Tribromophenol
Concen: 118.26 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BF100326.D
Acq: 9 Nov 2017 7:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	31.3	29.9	44.9



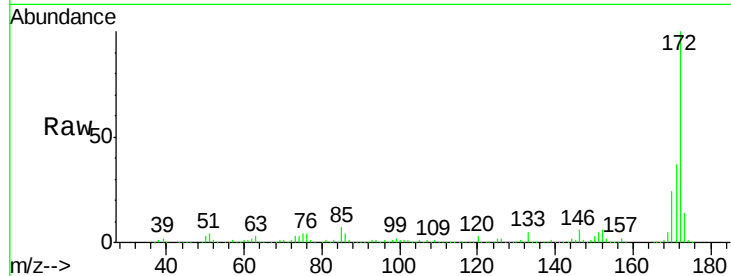
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



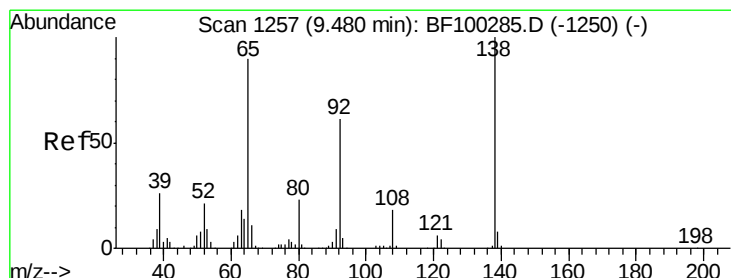
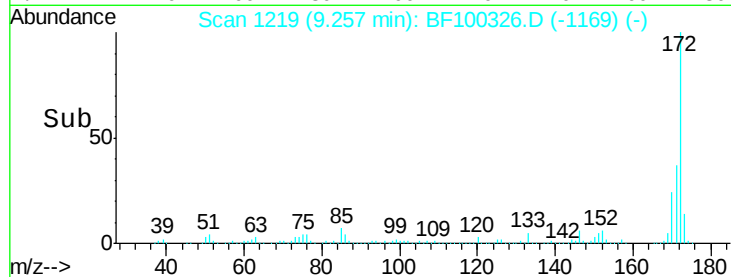
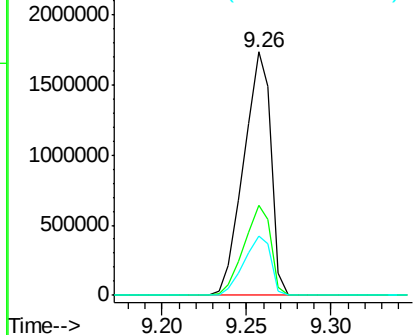


#44
2-Fluorobiphenyl
Concen: 99.25 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100326.D
Acq: 9 Nov 2017 7:16

Tot Ion:172 Resp: 1956011
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.5 19.6 29.4

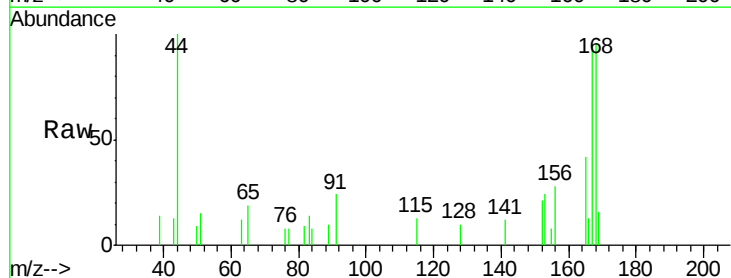


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

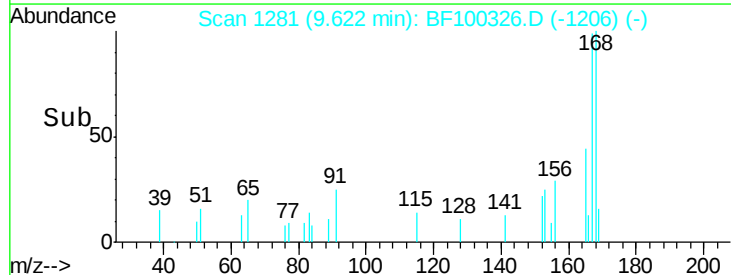
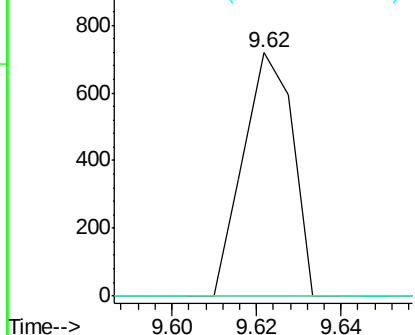


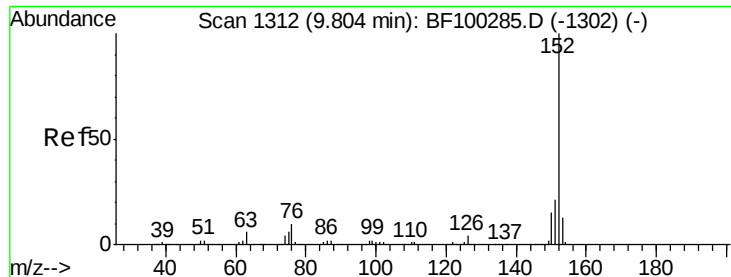
#47
2-Nitroaniline
Concen: 2.88 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.14 min
Lab File: BF100326.D
Acq: 9 Nov 2017 7:16

Tgt Ion: 65 Resp: 584
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



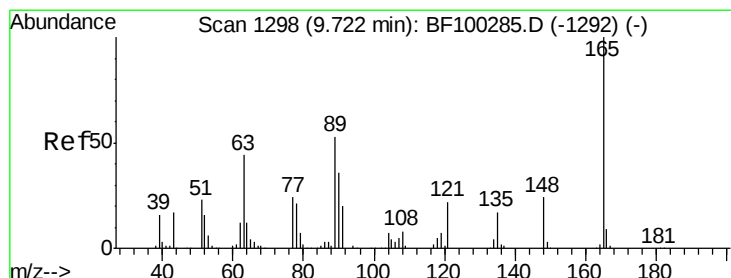
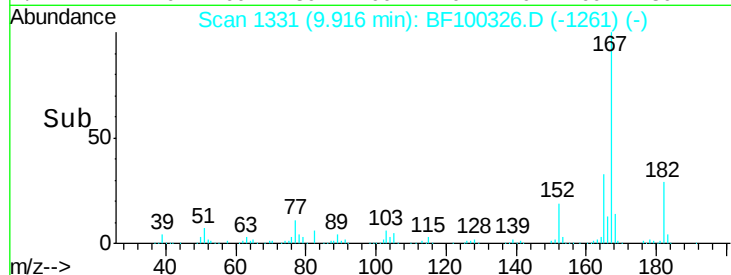
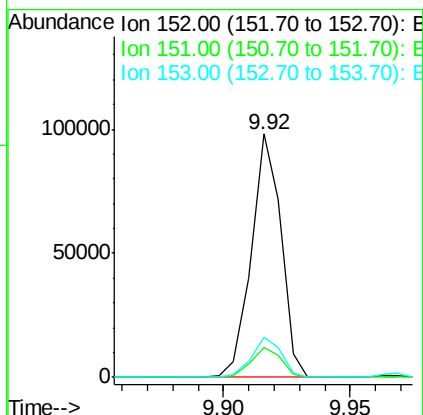
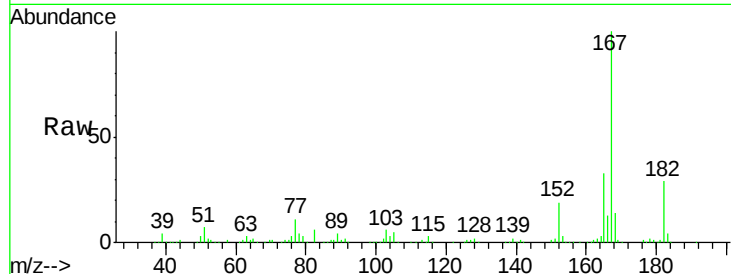
Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





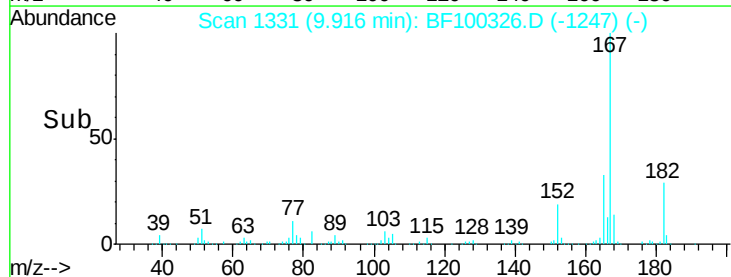
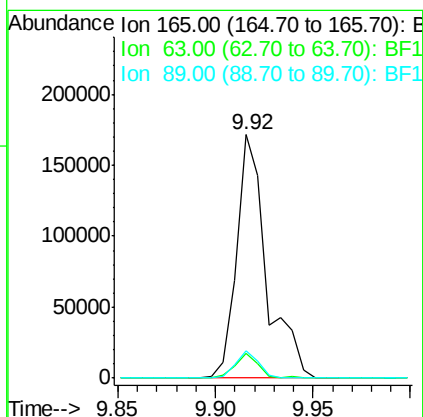
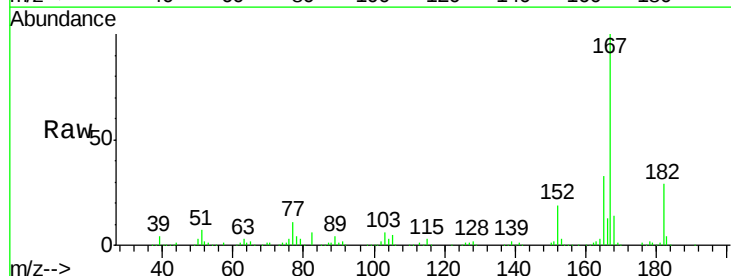
#48
 Acenaphthylene
 Concen: 2.56 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.11 min
 Lab File: BF100326.D
 Acq: 9 Nov 2017 7:16

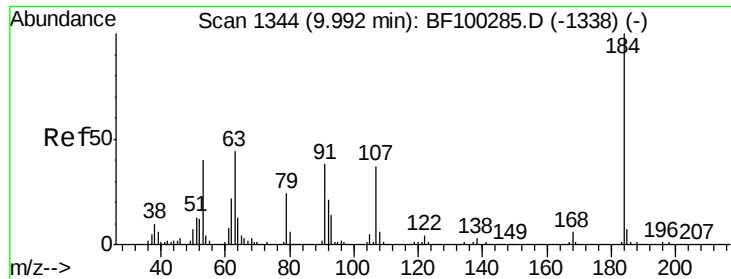
Tot Ion:	152	Resp:	79929
Ion	Ratio	Lower	Upper
152	100		
151	12.2	16.3	24.5#
153	16.2	10.7	16.1#



#50
 2,6-Dinitrotoluene
 Concen: 40.15 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.19 min
 Lab File: BF100326.D
 Acq: 9 Nov 2017 7:16

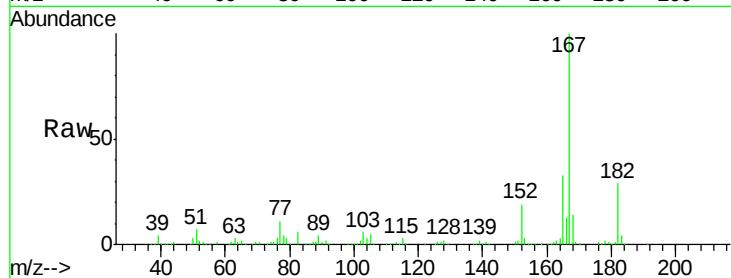
Tgt Ion:	165	Resp:	182116
Ion	Ratio	Lower	Upper
165	100		
63	10.4	44.7	67.1#
89	11.0	44.0	66.0#



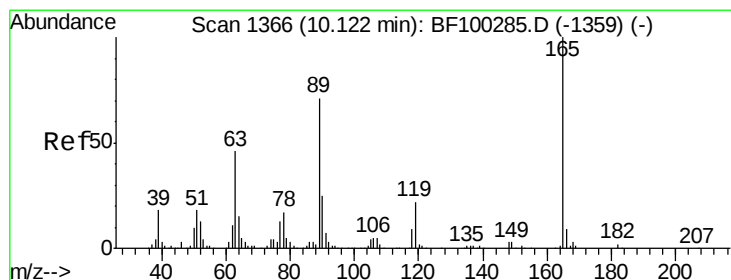
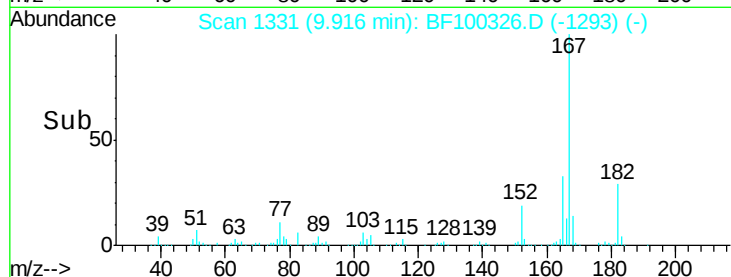
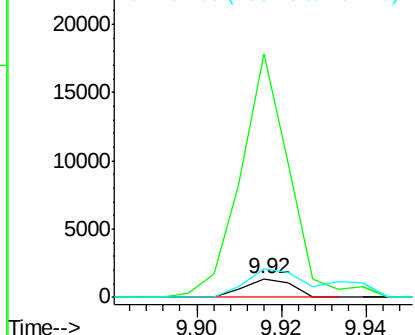


#53
 2,4-Dinitrophenol
 Concen: 8.57 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.08 min
 Lab File: BF100326.D
 Acq: 9 Nov 2017 7:16

Tot Ion:184 Resp: 1084
 Ion Ratio Lower Upper
 184 100
 63 1288.4 54.2 81.2#
 154 152.9 184.0 276.0#

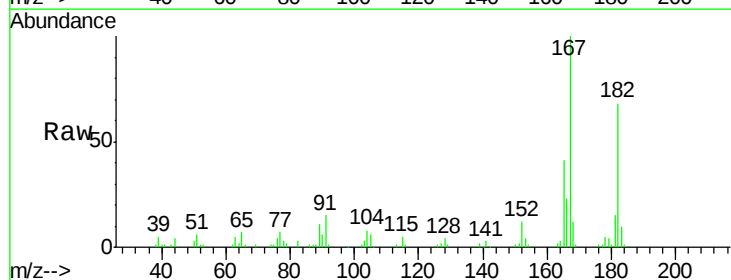


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

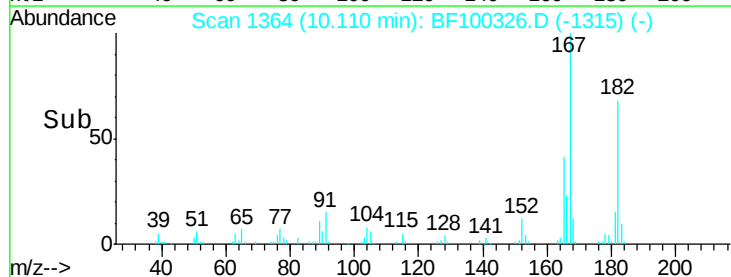
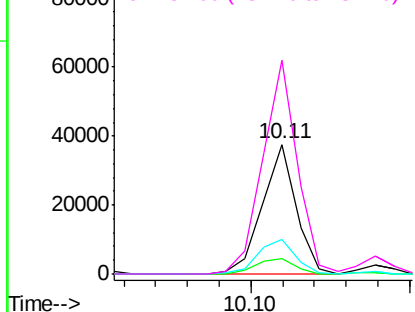


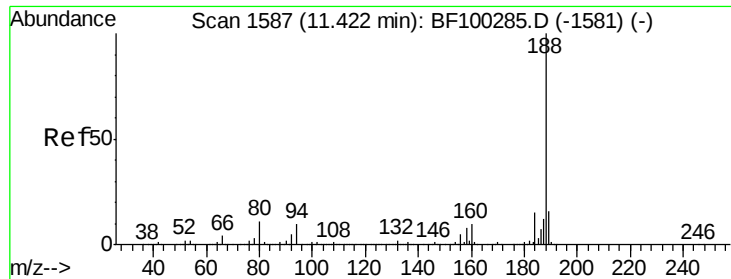
#56
 2,4-Dinitrotoluene
 Concen: 4.87 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF100326.D
 Acq: 9 Nov 2017 7:16

Tgt Ion:165 Resp: 27866
 Ion Ratio Lower Upper
 165 100
 63 12.1 36.4 54.6#
 89 26.6 57.8 86.6#
 182 164.6 1.6 2.4#



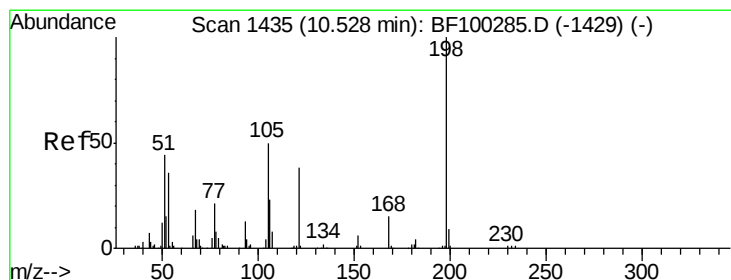
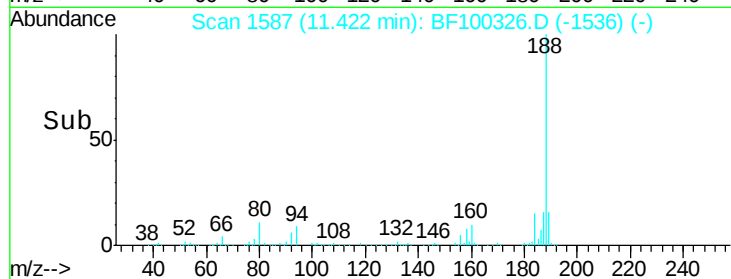
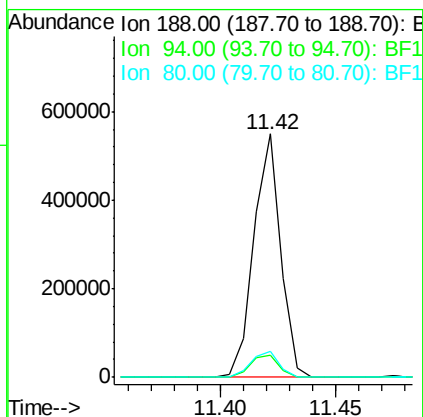
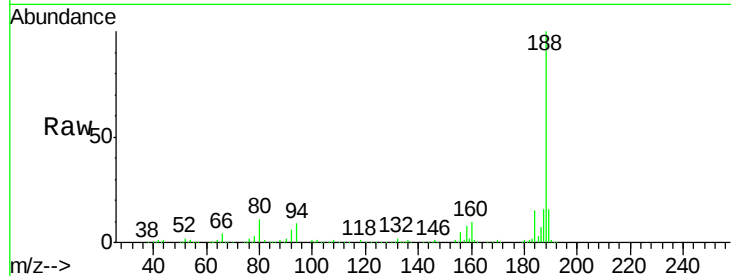
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E





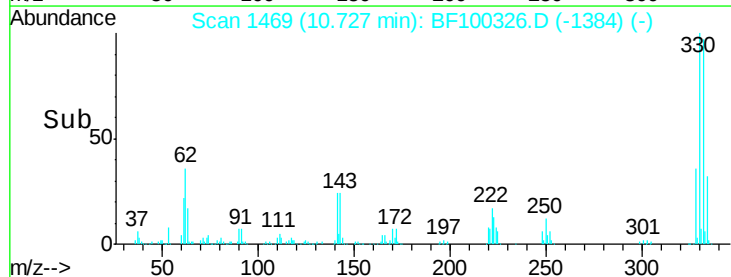
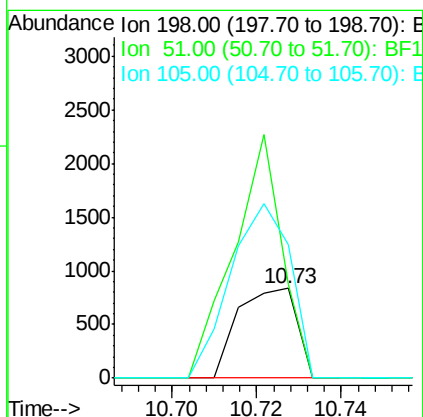
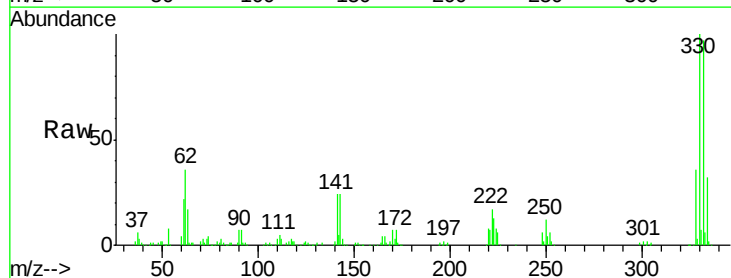
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF100326.D
 Acq: 9 Nov 2017 7:16

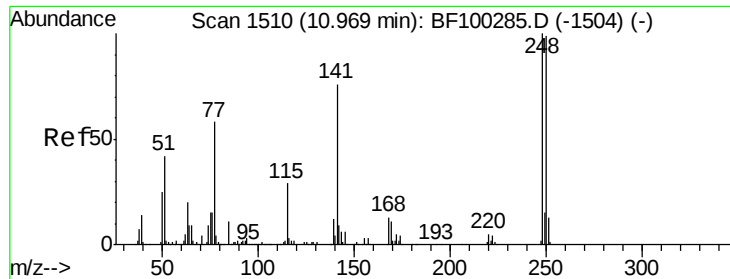
Tot Ion:188	Resp: 446987
Ion Ratio	Lower Upper
188 100	
94 9.2	8.5 12.7
80 10.7	9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.86 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.20 min
 Lab File: BF100326.D
 Acq: 9 Nov 2017 7:16

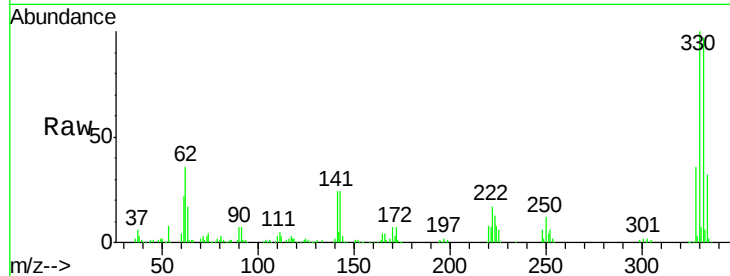
Tgt	Ion:198	Resp:	805
Ion	Ratio	Lower	Upper
198	100		
51	103.9	37.7	77.7#
105	148.7	36.3	76.3#



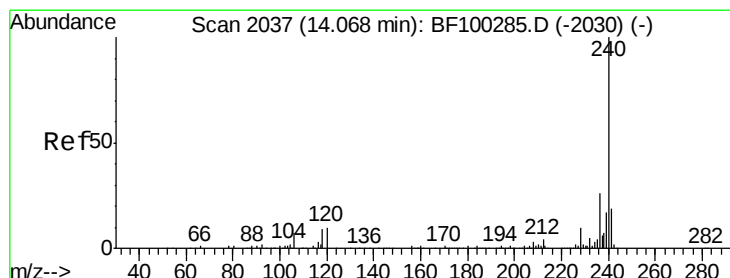
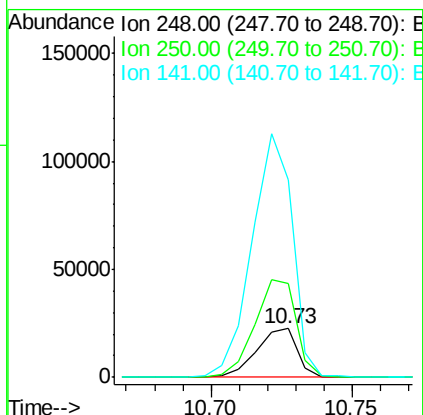
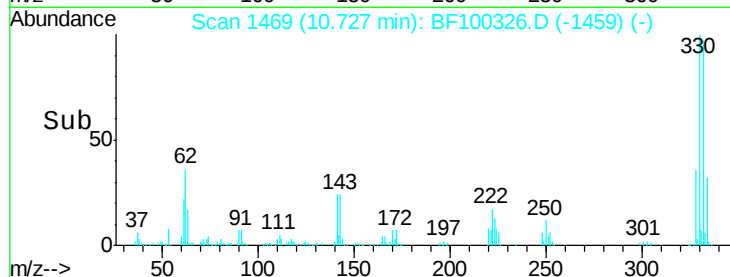


#66
4-Bromophenyl-phenylether
Concen: 4.74 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100326.D
Acq: 9 Nov 2017 7:16

Tot Ion:248 Resp: 22708
Ion Ratio Lower Upper
248 100
250 193.3 76.9 115.3#
141 405.6 74.4 111.6#

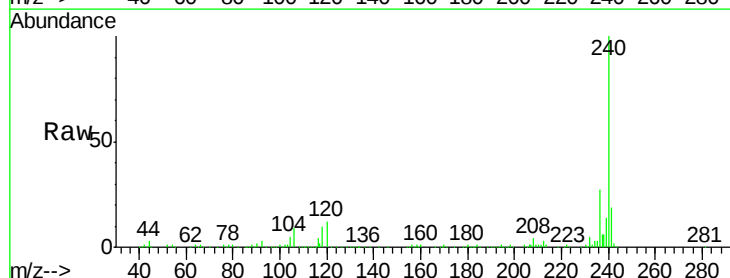


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

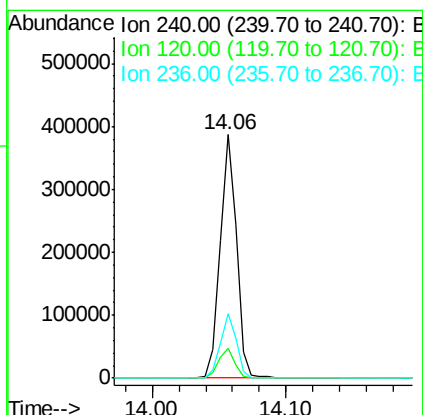
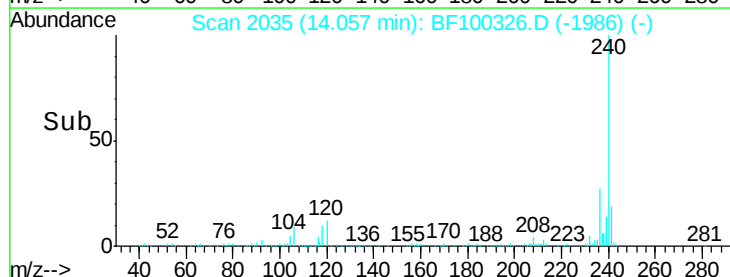


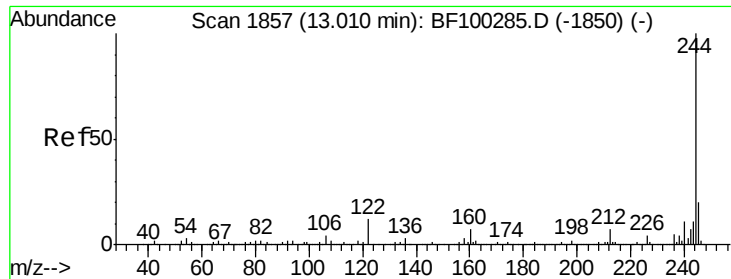
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100326.D
Acq: 9 Nov 2017 7:16

Tgt Ion:240 Resp: 336758
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 26.6 20.7 31.1



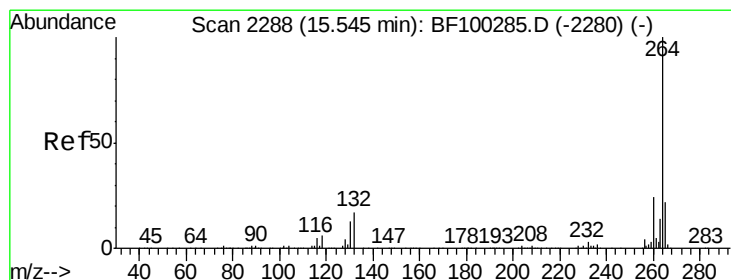
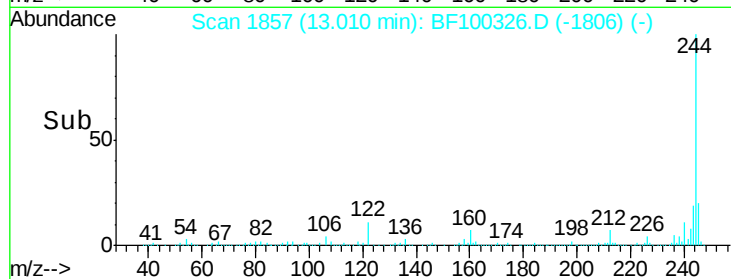
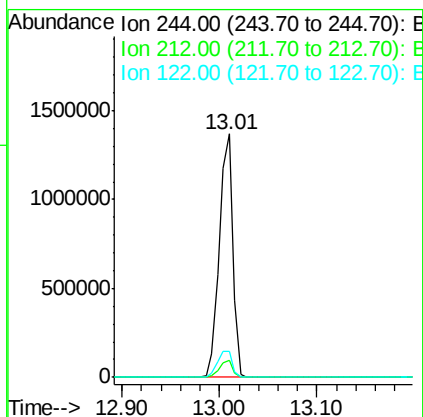
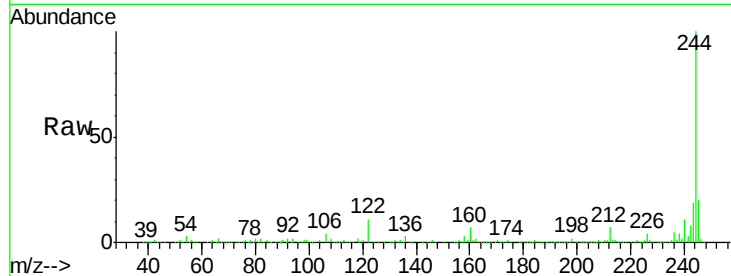
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78
 Terphenyl-d14
 Concen: 89.78 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: BF100326.D
 Acq: 9 Nov 2017 7:16

Tot Ion:244 Resp: 1315768
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF100326.D
 Acq: 9 Nov 2017 7:16

Tgt Ion:264 Resp: 316144
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.8 17.5 26.3

