

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100319.D
 Acq On : 9 Nov 2017 4:08
 Operator : SJ/JU
 Sample : I6353-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

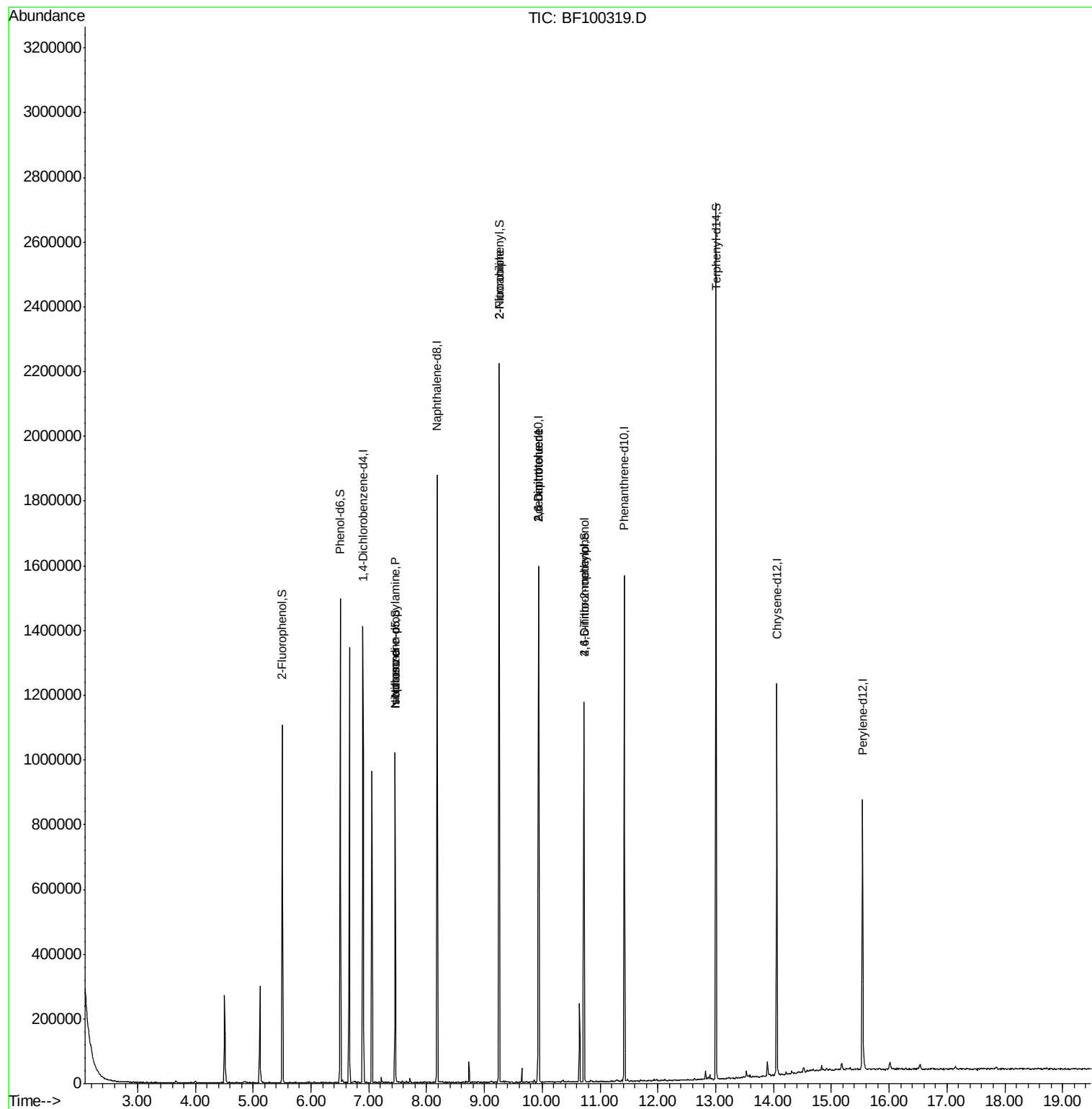
Quant Time: Nov 09 08:38:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

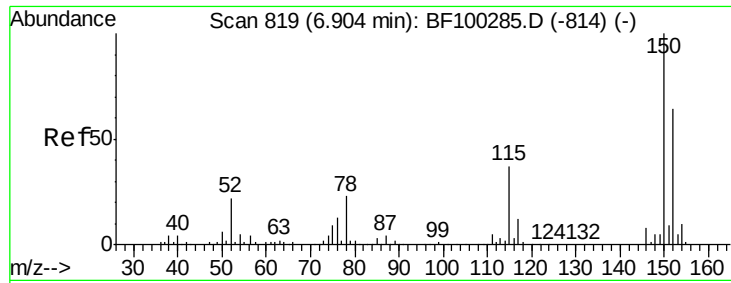
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	194958	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	752397	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	310832	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	497300	20.00	ng	0.00
75) Chrysene-d12	14.06	240	400789	20.00	ng	-0.01
86) Perylene-d12	15.54	264	378239	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	268723	22.09	ng	0.00
7) Phenol-d6	6.51	99	423499	28.24	ng	-0.01
23) Nitrobenzene-d5	7.46	82	265301	23.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	129477	40.88	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	691687	33.88	ng	0.00
78) Terphenyl-d14	13.00	244	889469	50.99	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	33095	3.18	ng	# 84
25) Isophorone	7.46	82	265296	11.09	ng	# 64
47) 2-Nitroaniline	9.25	65	1246	2.99	ng	# 1
50) 2,6-Dinitrotoluene	9.93	165	39924	8.50	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	39924	6.74	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	256	8.65	ng	# 1

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

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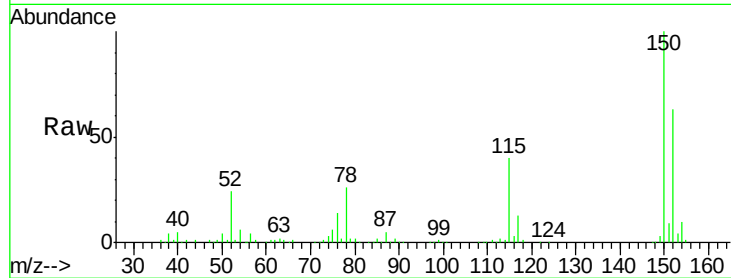




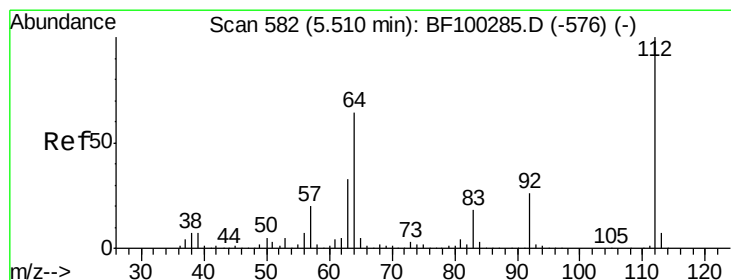
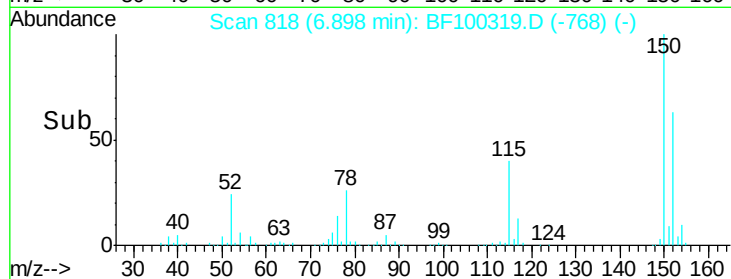
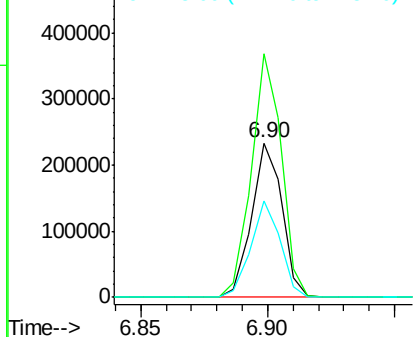
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	62.5	50.1	75.1



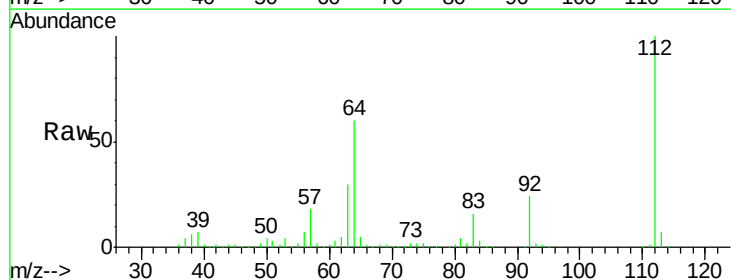
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



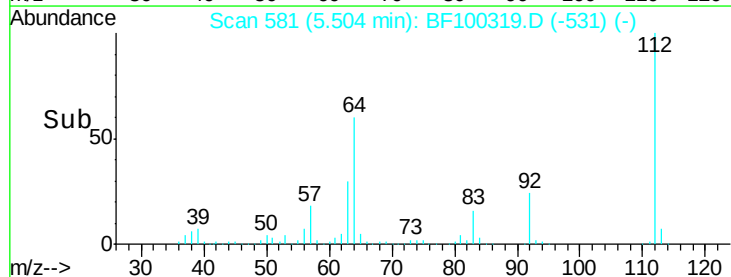
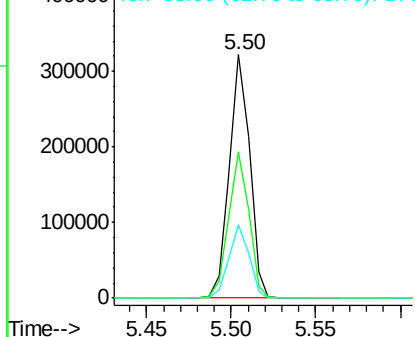
#5

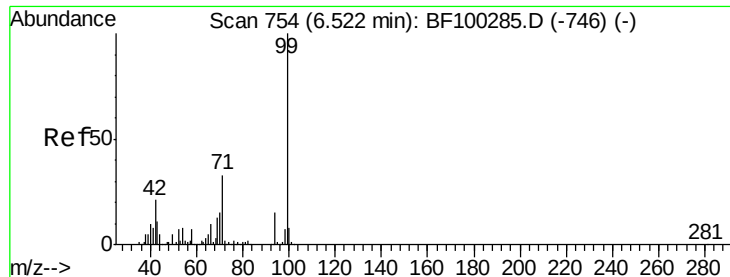
2-Fluorophenol
Concen: 22.09 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	30.3	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: 28.24 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100319.D

Acq: 9 Nov 2017 4:08

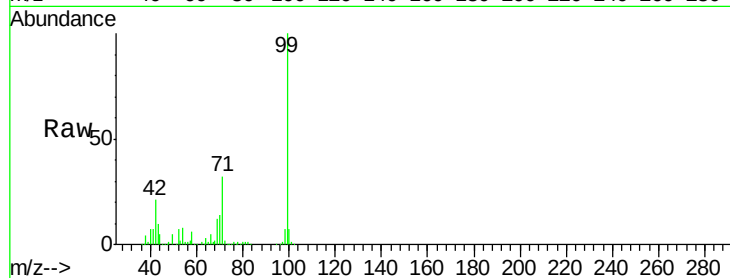
Tot Ion: 99 Resp: 423499

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

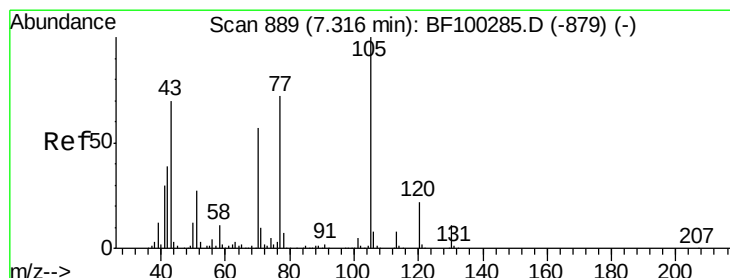
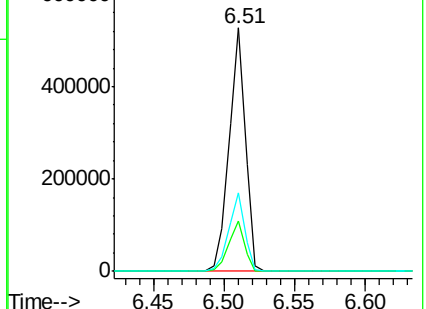
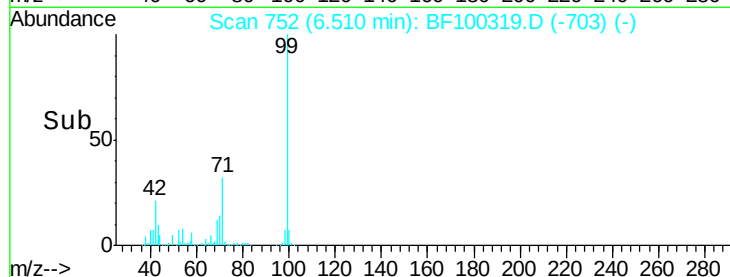
71 32.3 25.4 38.0



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: 3.18 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.14 min

Lab File: BF100319.D

Acq: 9 Nov 2017 4:08

Tgt Ion: 70 Resp: 33095

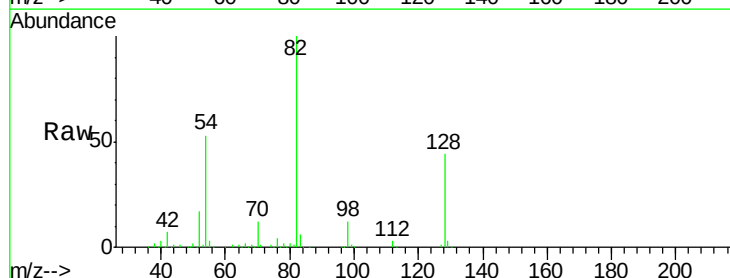
Ion Ratio Lower Upper

70 100

42 54.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

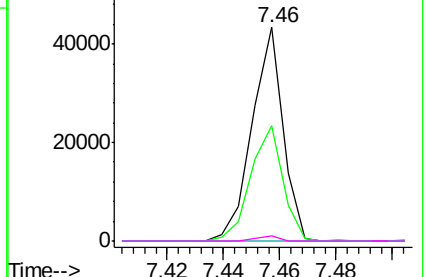
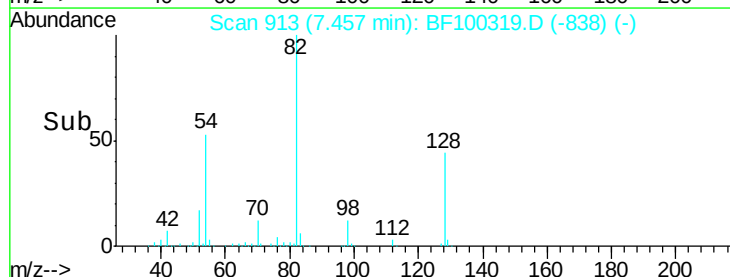


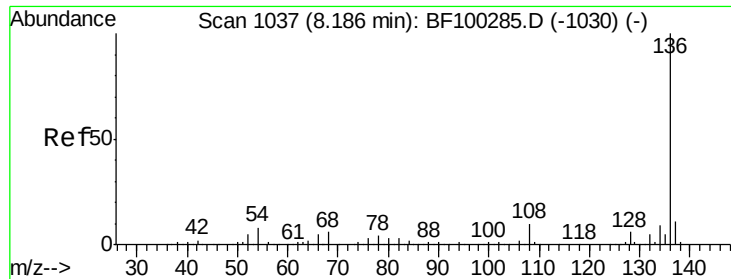
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

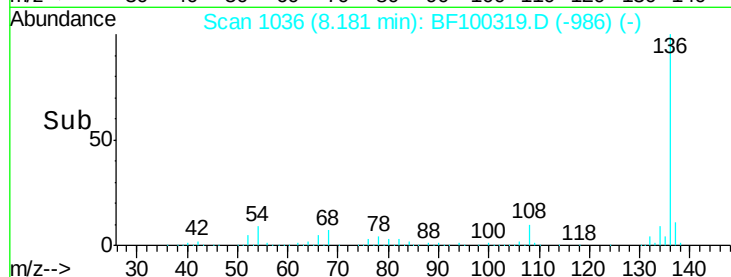
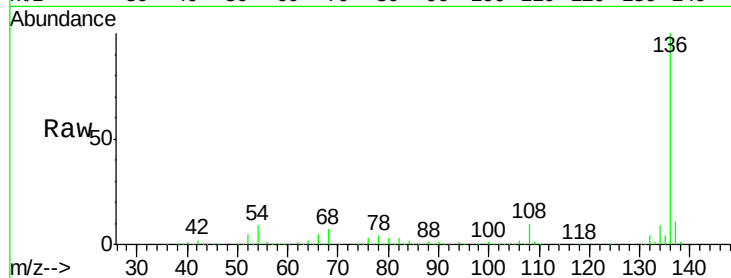
Ion 130.00 (129.70 to 130.70): BF1



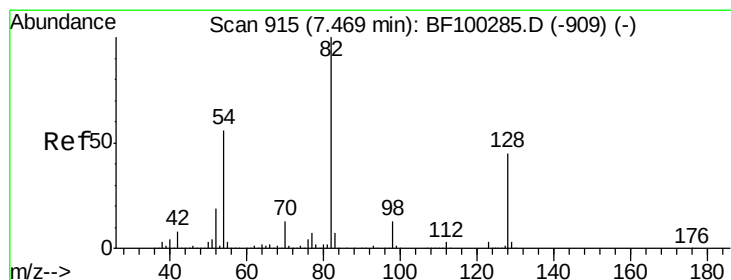
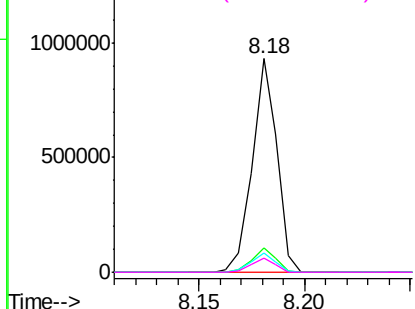


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Tot Ion:136	Resp:	752397
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 9.3	6.6	9.8
68 6.7	5.0	7.4

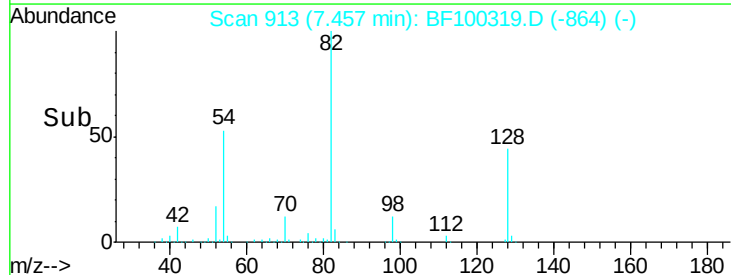
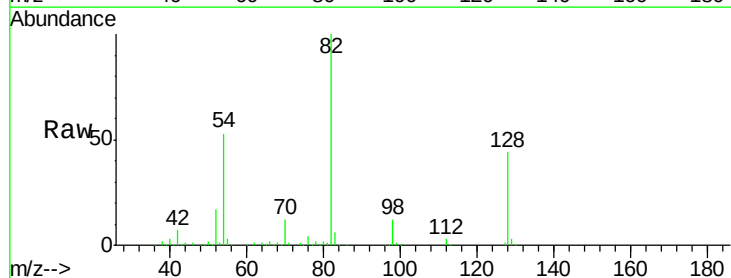


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

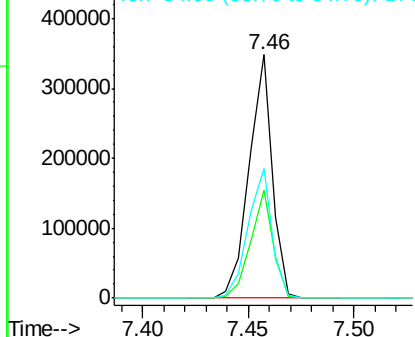


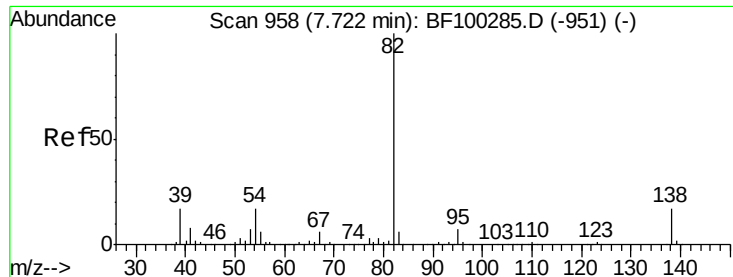
#23
Nitrobenzene-d5
Concen: 23.31 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Tgt Ion: 82	Resp: 265301
Ion Ratio	Lower Upper
82 100	
128 44.1	36.1 54.1
54 53.4	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: 11.09 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.26 min

Lab File: BF100319.D

Acq: 9 Nov 2017 4:08

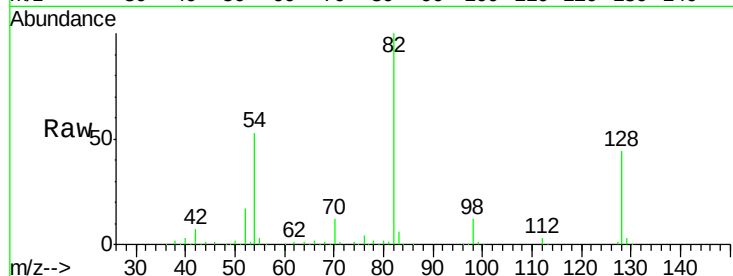
Tot Ion: 82 Resp: 265296

Ion Ratio Lower Upper

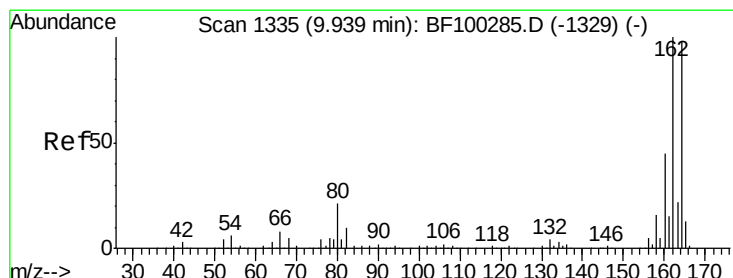
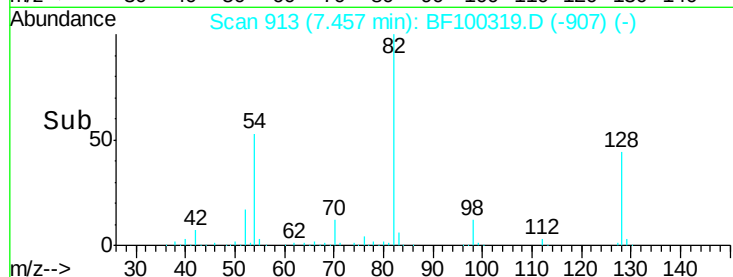
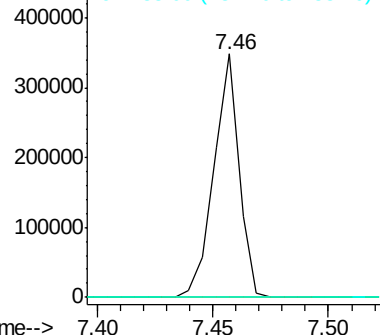
82 100

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: 20.00 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF100319.D

Acq: 9 Nov 2017 4:08

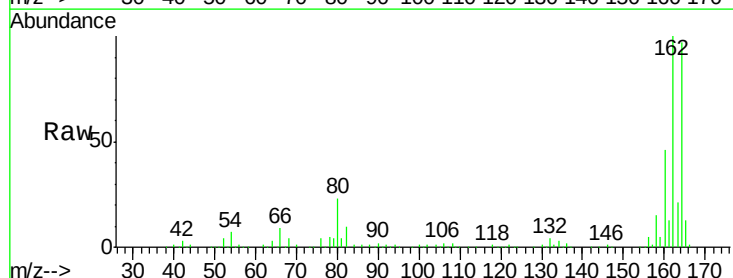
Tgt Ion: 164 Resp: 310832

Ion Ratio Lower Upper

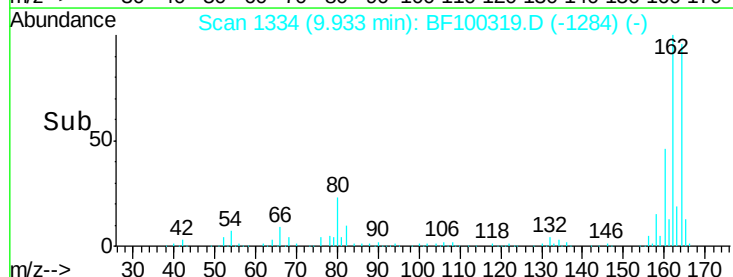
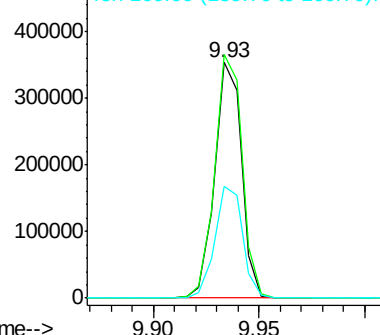
164 100

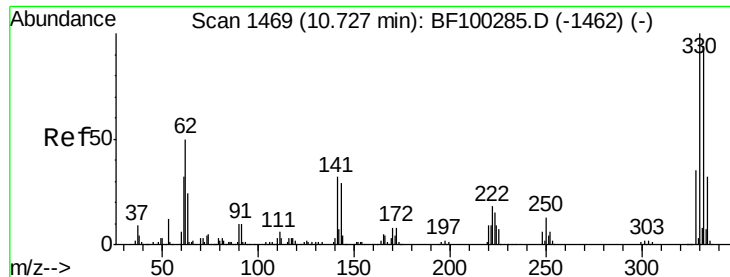
162 103.3 86.1 129.1

160 47.5 38.3 57.5



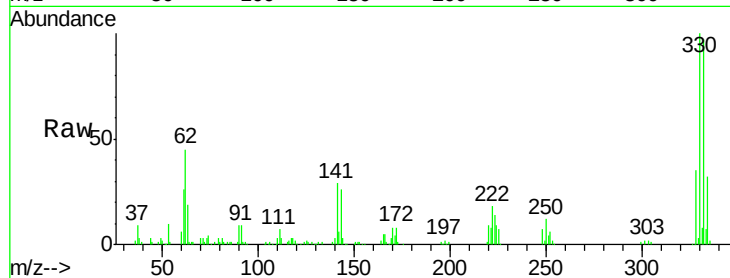
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



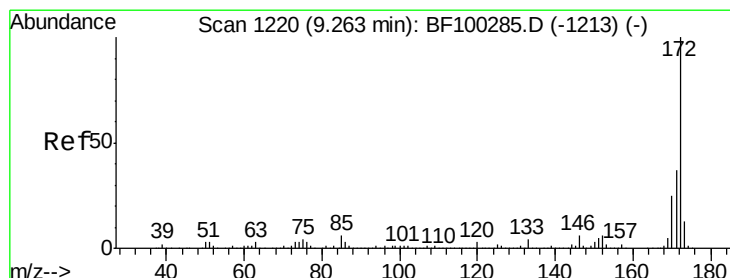
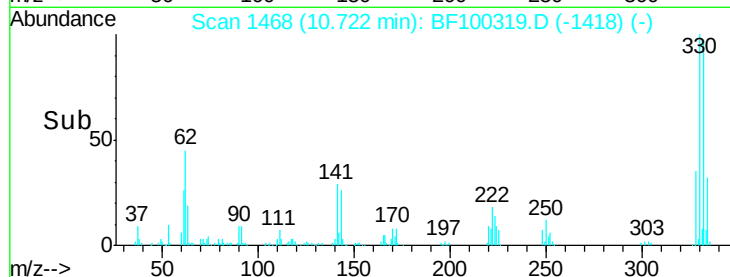
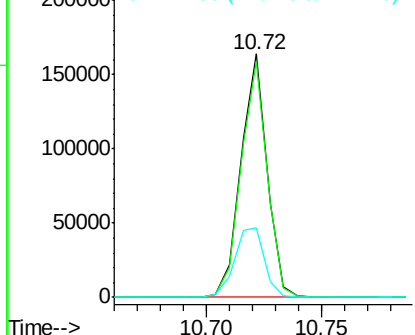


#41
 2,4,6-Tribromophenol
 Concen: 40.88 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF100319.D
 Acq: 9 Nov 2017 4:08

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	32.8	29.9	44.9

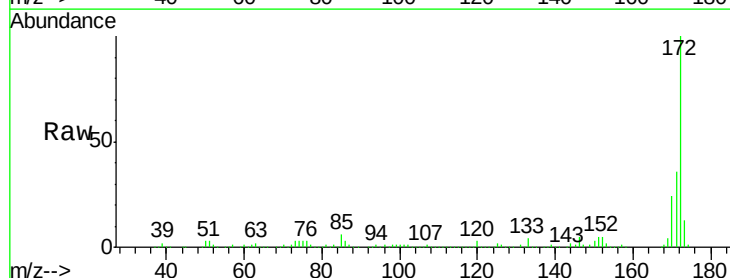


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

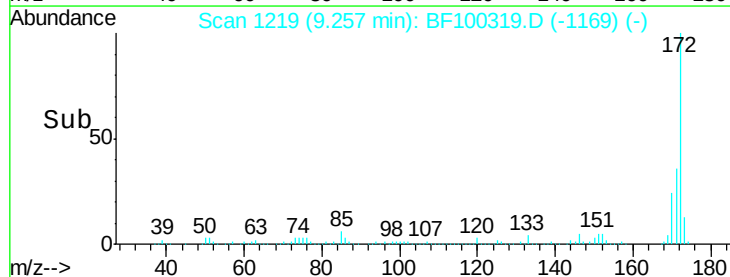
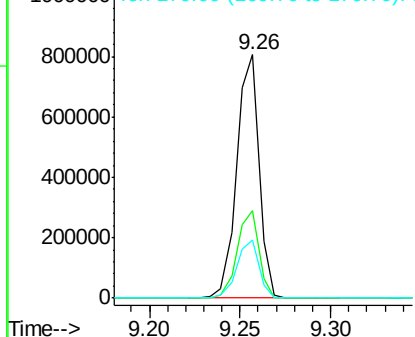


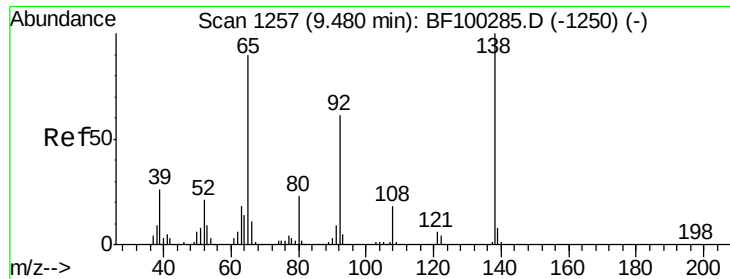
#44
 2-Fluorobiphenyl
 Concen: 33.88 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100319.D
 Acq: 9 Nov 2017 4:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.7	19.6	29.4



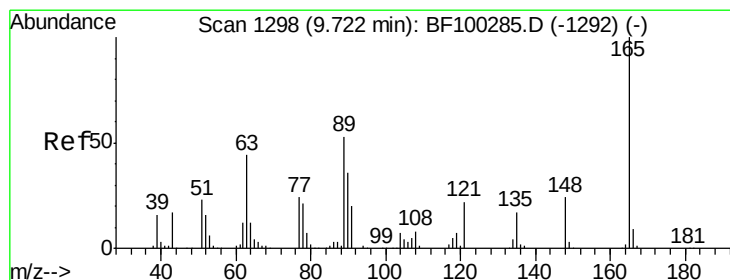
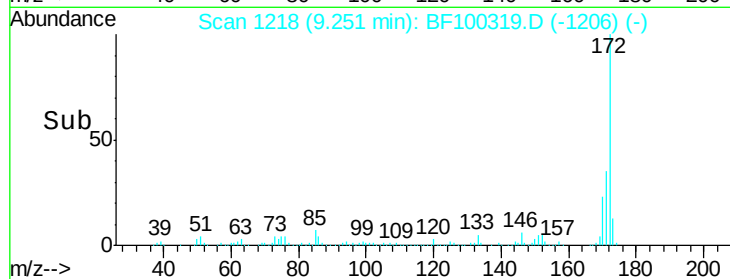
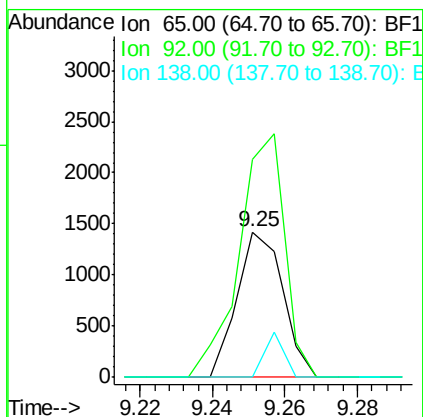
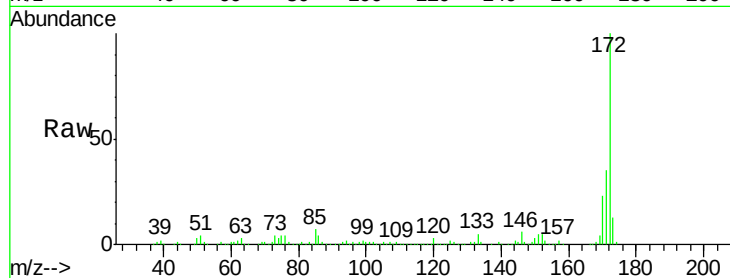
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





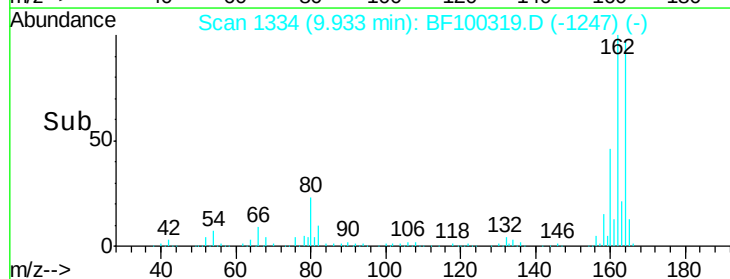
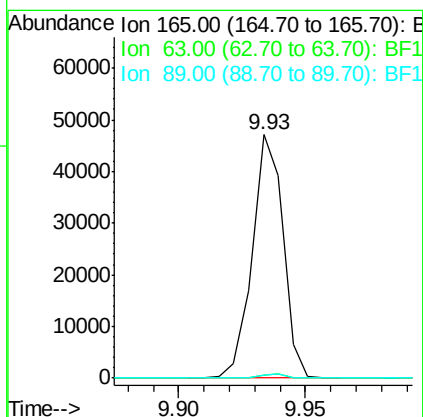
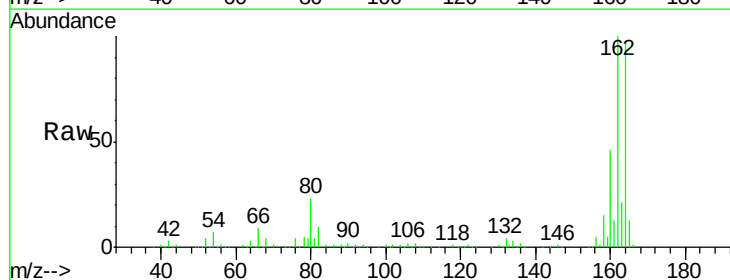
#47
 2-Nitroaniline
 Concen: 2.99 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.23 min
 Lab File: BF100319.D
 Acq: 9 Nov 2017 4:08

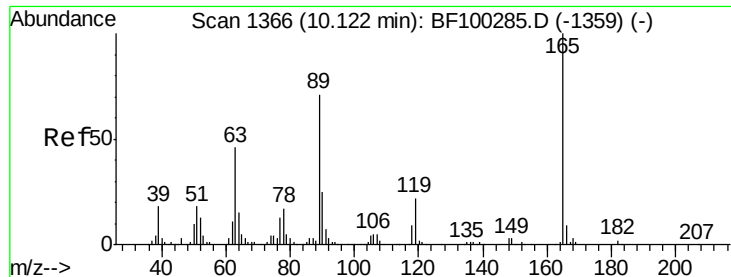
Tot Ion: 65 Resp: 1246
 Ion Ratio Lower Upper
 65 100
 92 150.0 55.8 83.6#
 138 0.0 91.2 136.8#



#50
 2,6-Dinitrotoluene
 Concen: 8.50 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.21 min
 Lab File: BF100319.D
 Acq: 9 Nov 2017 4:08

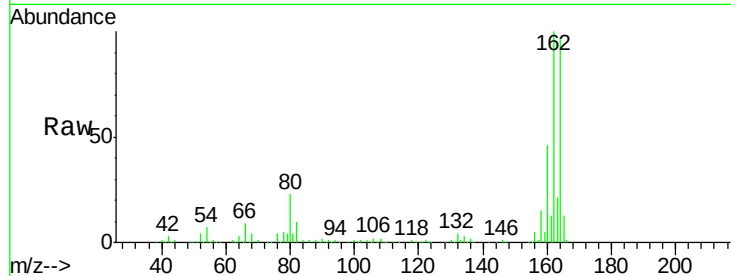
Tgt Ion: 165 Resp: 39924
 Ion Ratio Lower Upper
 165 100
 63 1.1 44.7 67.1#
 89 1.2 44.0 66.0#





#56
 2,4-Dinitrotoluene
 Concen: 6.74 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.19 min
 Lab File: BF100319.D
 Acq: 9 Nov 2017 4:08

Tot Ion:	165	Resp:	39924
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

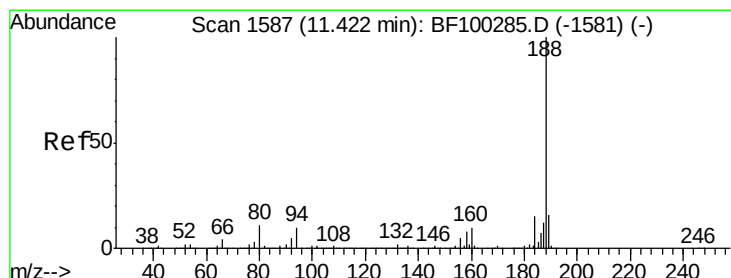
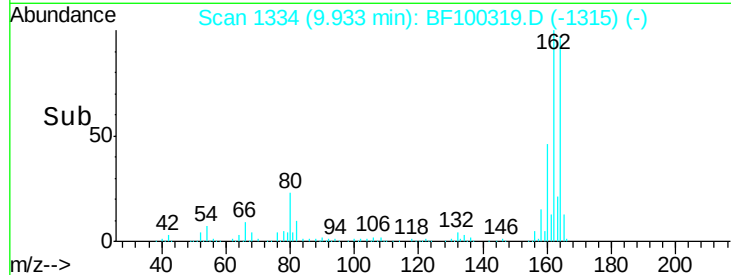
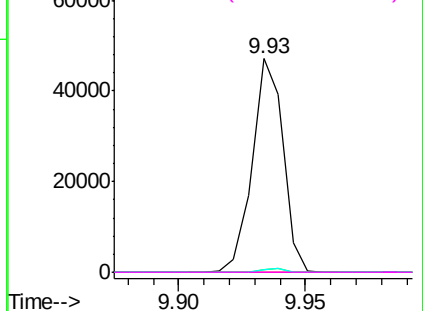


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

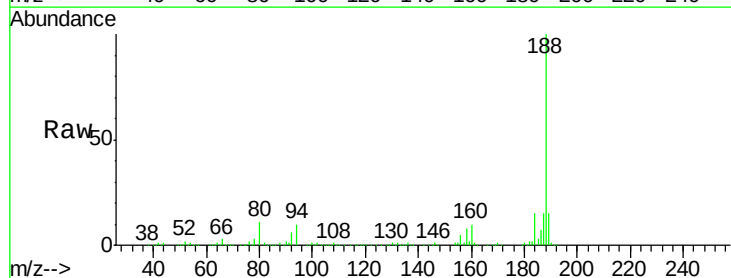
Ion 89.00 (88.70 to 89.70): BF1

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: BF100319.D
 Acq: 9 Nov 2017 4:08

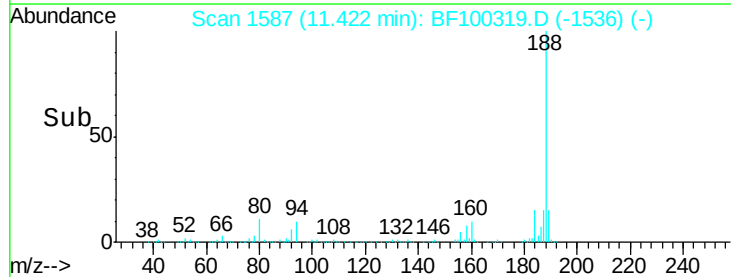
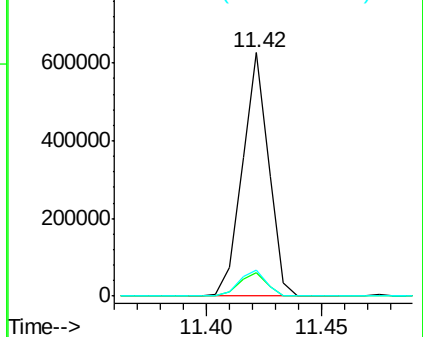
Tgt Ion:	188	Resp:	497300
Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.6	9.2	13.8

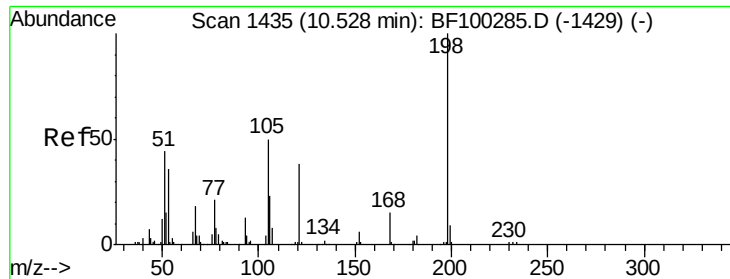


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

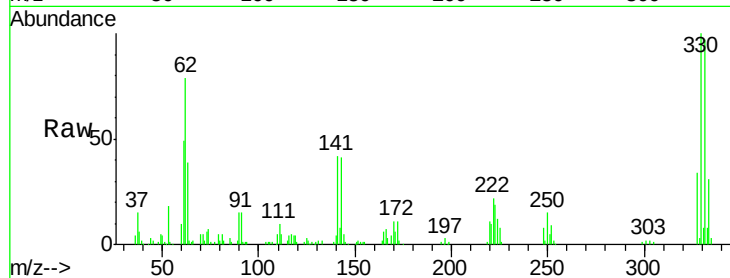
Ion 80.00 (79.70 to 80.70): BF1



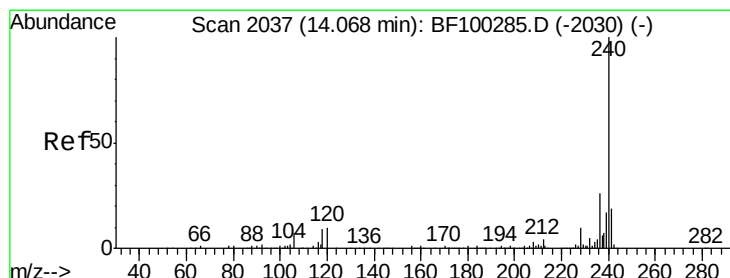
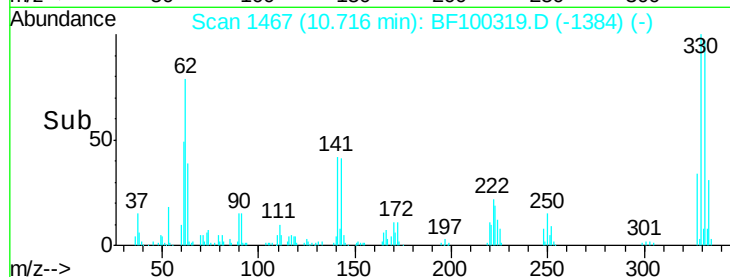
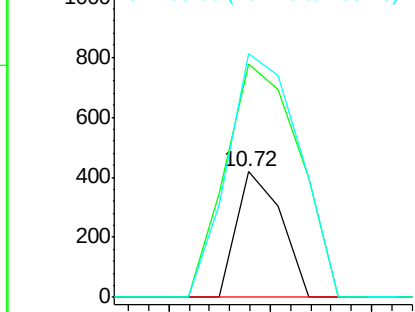


#64
4,6-Dinitro-2-methylphenol
Concen: 8.65 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Tot Ion	Ratio	Lower	Upper
198	100		
51	185.2	37.7	77.7#
105	193.6	36.3	76.3#

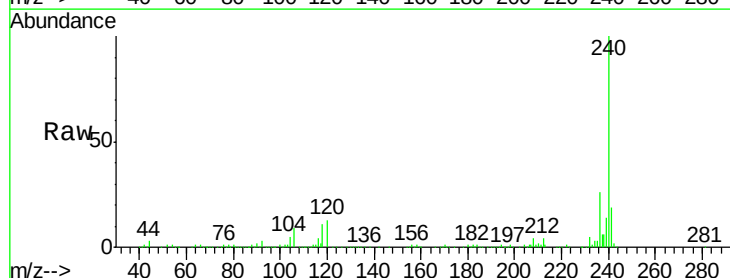


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

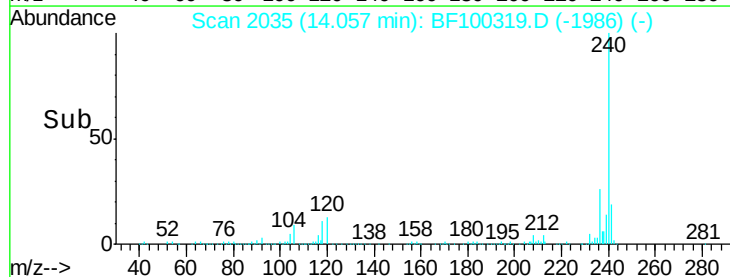
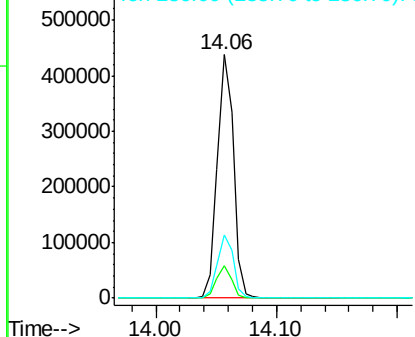


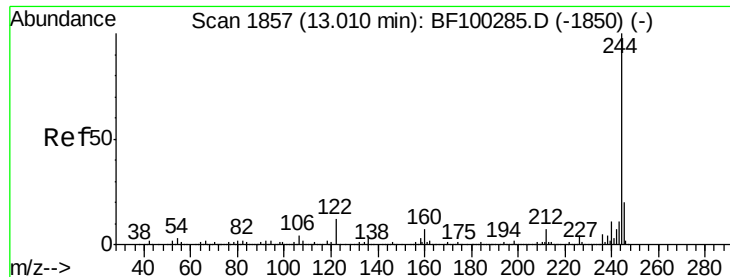
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	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: 50.99 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF100319.D

Acq: 9 Nov 2017 4:08

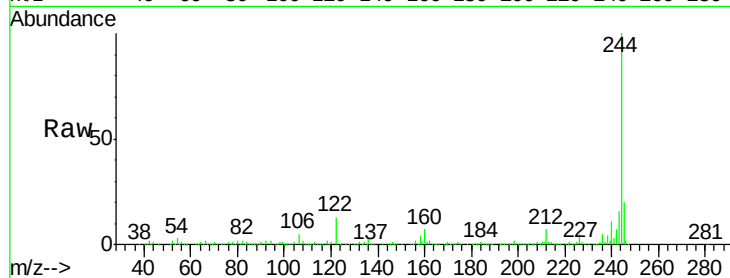
Tot Ion:244 Resp: 889469

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

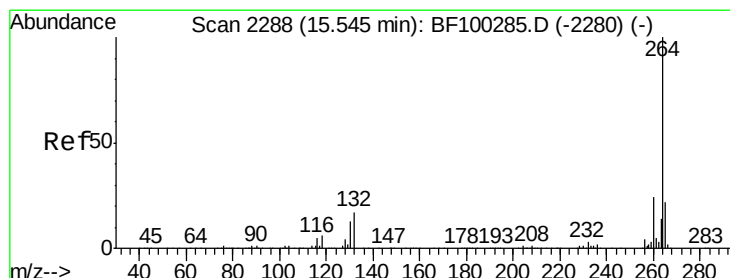
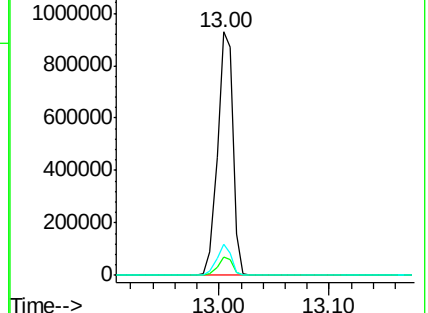
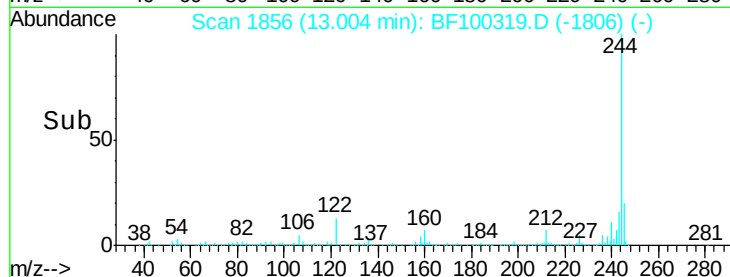
122 12.8 11.0 16.4



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: 20.00 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BF100319.D

Acq: 9 Nov 2017 4:08

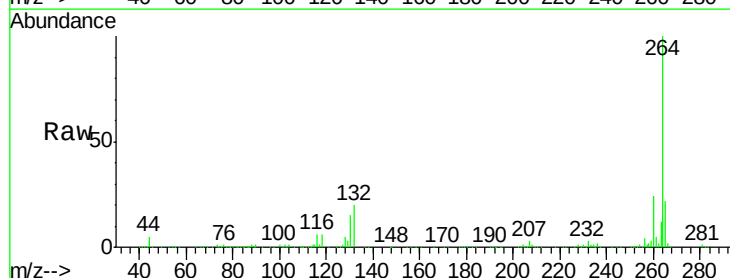
Tgt Ion:264 Resp: 378239

Ion Ratio Lower Upper

264 100

260 24.2 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

