

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111844.D
 Acq On : 4 Jan 2019 15:01
 Operator : JU/SJ
 Sample : PB116151BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

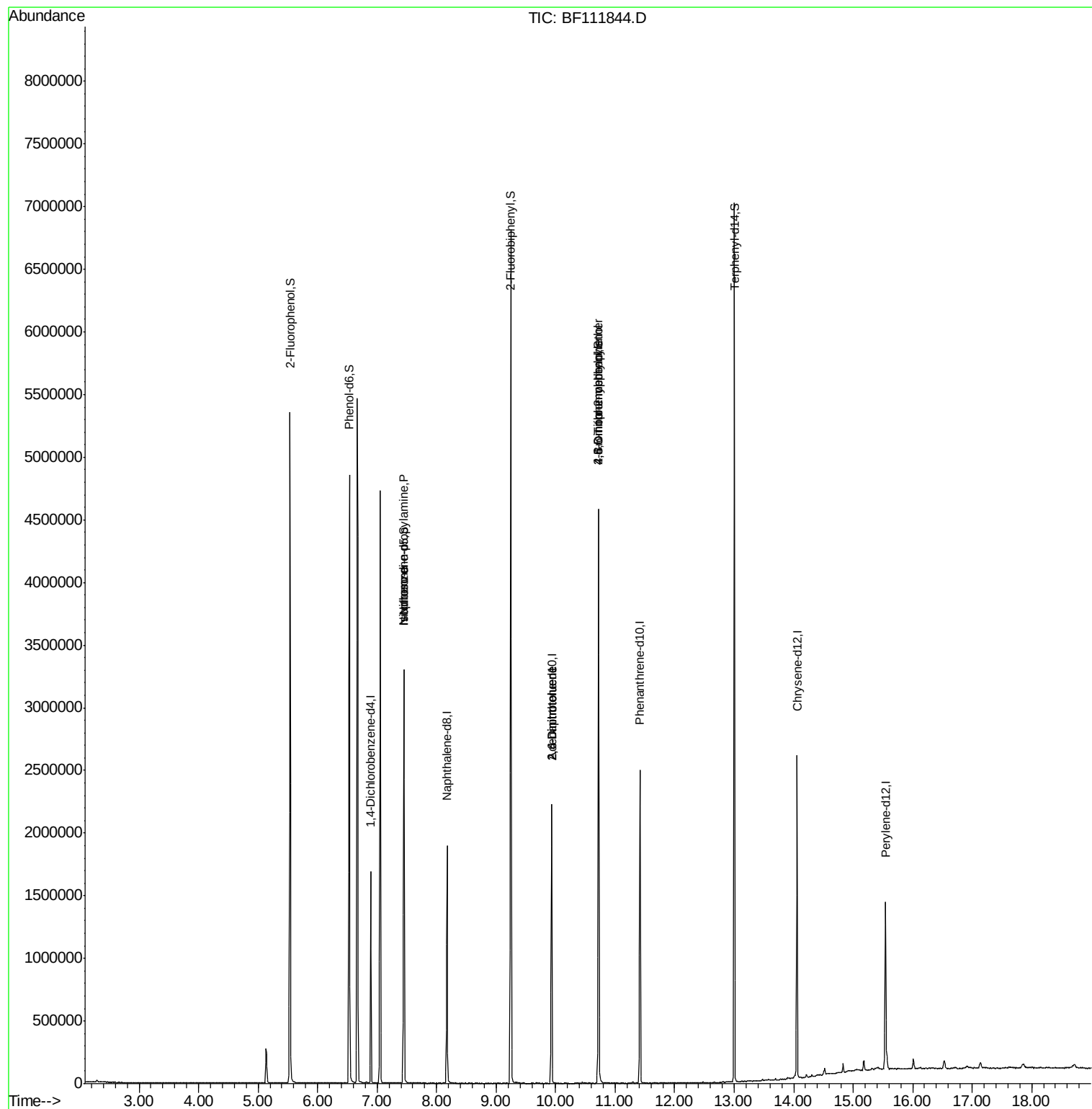
Quant Time: Jan 04 17:54:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 04 15:03:59 2019
 Response via : Initial Calibration

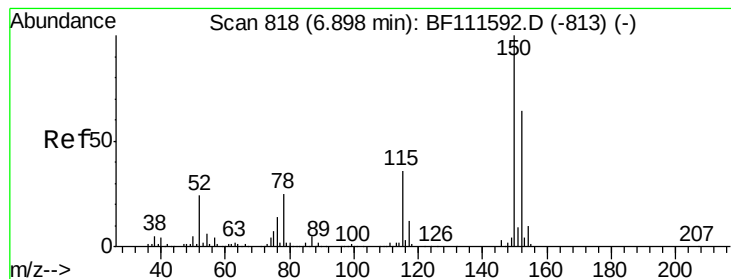
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	235293	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	905793	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	474138	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	952800	20.00	ng	0.00
76) Chrysene-d12	14.06	240	864187	20.00	ng	-0.01
87) Perylene-d12	15.54	264	673217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1468730	106.40	ng	0.01
7) Phenol-d6	6.54	99	1911434	108.80	ng	0.00
23) Nitrobenzene-d5	7.45	82	1209711	77.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	639693	114.18	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2342260	72.00	ng	0.00
79) Terphenyl-d14	13.00	244	2721184	59.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	164140	14.069	ng	# 77
25) Isophorone	7.45	82	1200968	43.473	ng	# 64
51) 2,6-Dinitrotoluene	9.93	165	59933	8.669	ng	# 29
57) 2,4-Dinitrotoluene	9.93	165	59933	7.213	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	966	6.904	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	38122	3.226	ng	# 1

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

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Response via : Initial Calibration

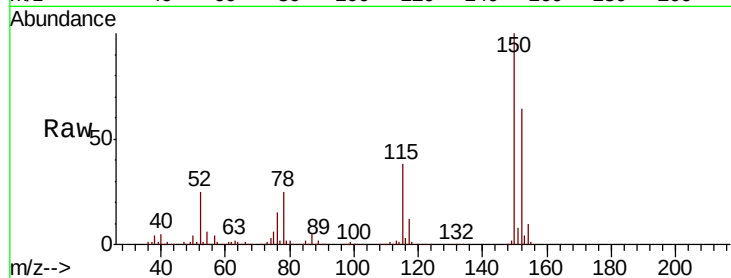




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111844.D
Acq: 4 Jan 2019 15:01

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.6	189.8
115	59.4	50.7	76.1

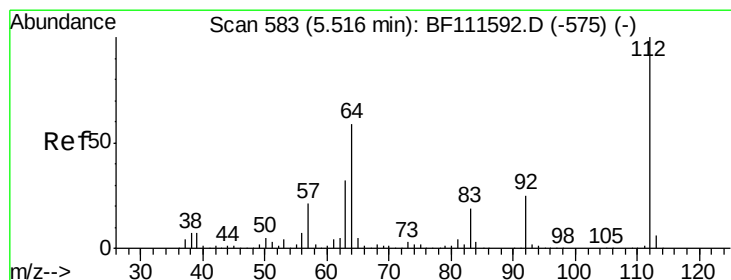
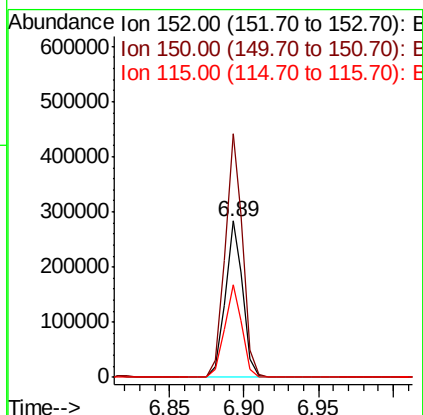
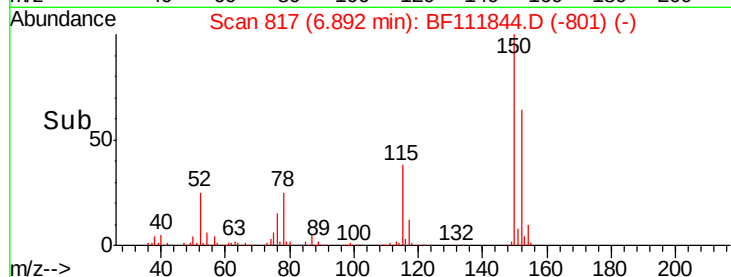


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

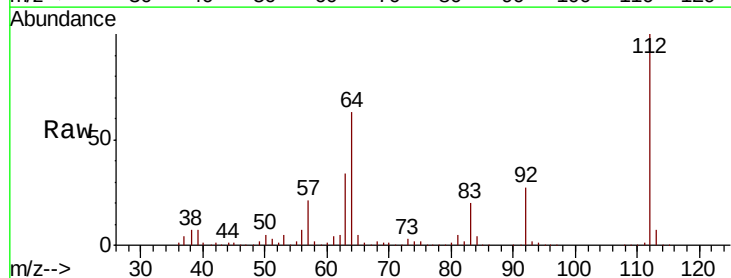
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.399 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.01 min
Lab File: BF111844.D
Acq: 4 Jan 2019 15:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	51.8	77.6
63	33.6	26.8	40.2

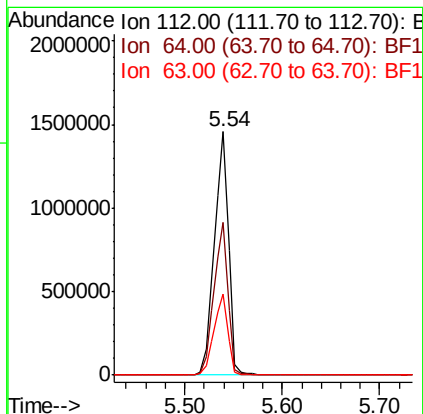
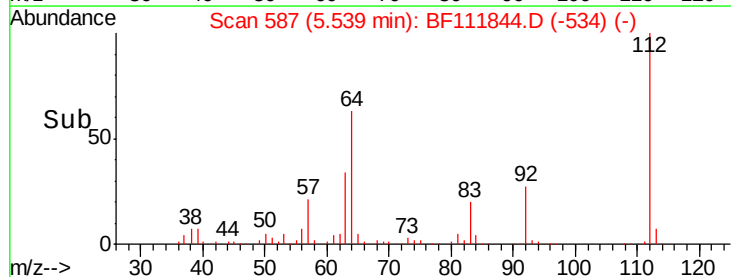


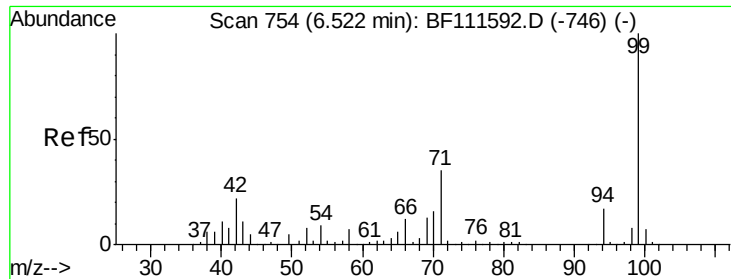
Abundance

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: 108.805 ng

RT: 6.54 min Scan# 757

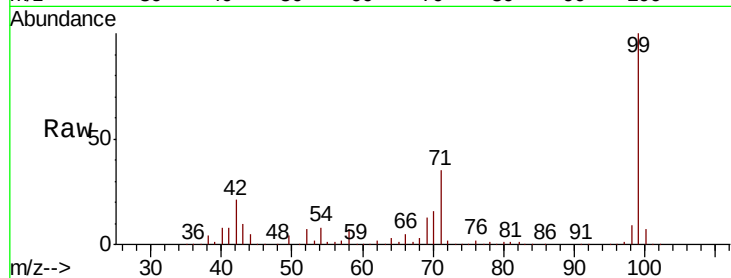
Delta R.T. -0.00 min

Lab File: BF111844.D

Acq: 4 Jan 2019 15:01

Tot Ion: 99 Resp: 1911434

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.4	26.0
71	34.7	26.1	39.1

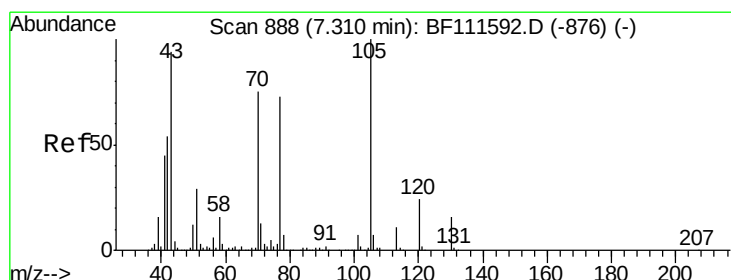
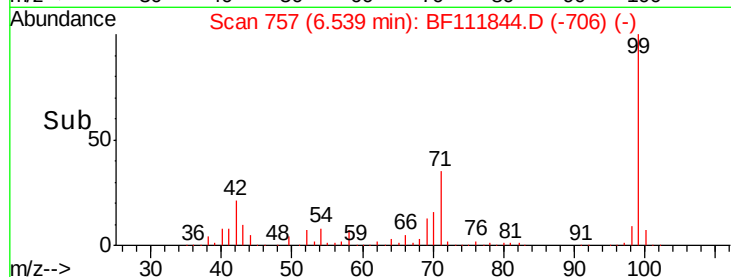
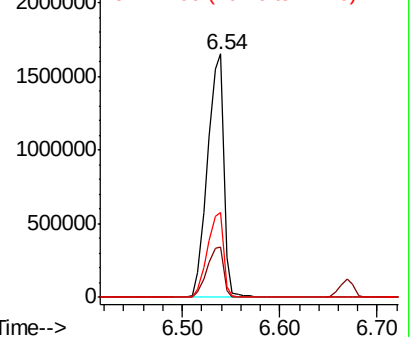


Abundance

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: 14.069 ng

RT: 7.45 min Scan# 912

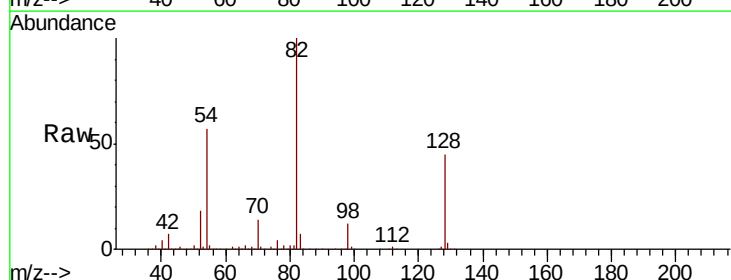
Delta R.T. 0.14 min

Lab File: BF111844.D

Acq: 4 Jan 2019 15:01

Tgt Ion: 70 Resp: 164140

Ion	Ratio	Lower	Upper
70	100		
42	54.3	53.2	79.8
101	0.0	8.2	12.4#
130	2.2	18.1	27.1#



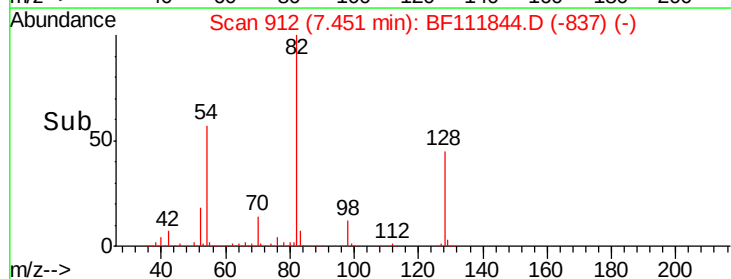
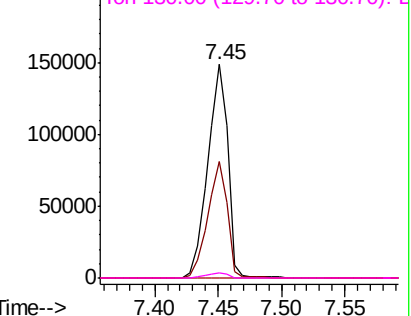
Abundance

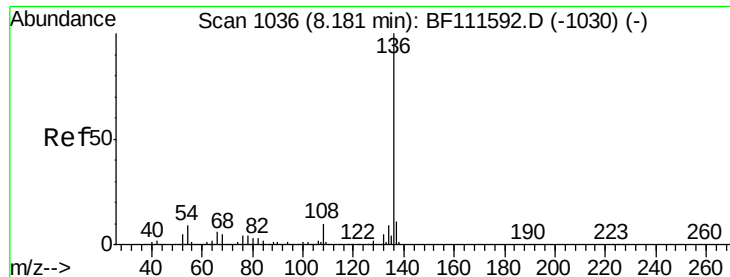
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

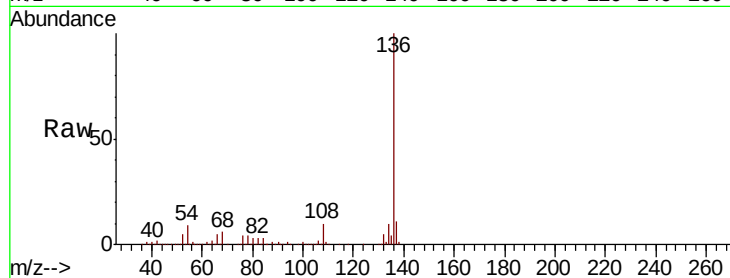
Ion 130.00 (129.70 to 130.70): BF1



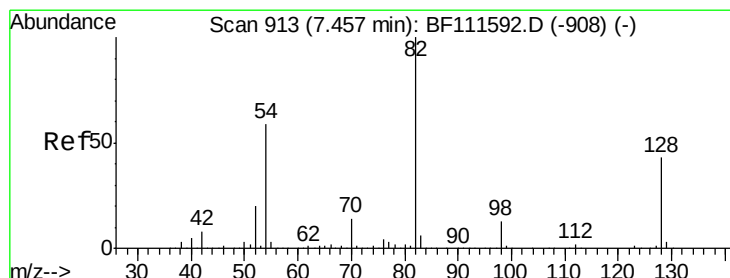
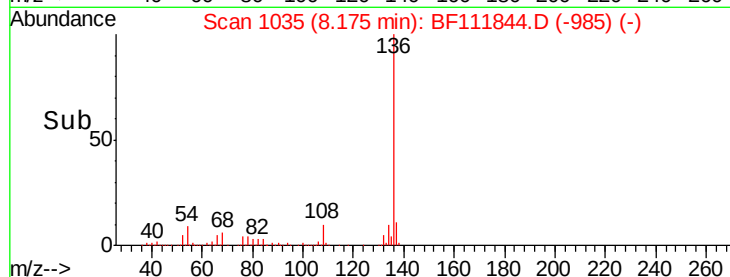
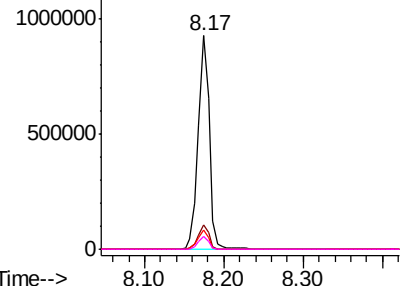


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111844.D
Acq: 4 Jan 2019 15:01

Tot Ion:136	Resp: 905793
Ion Ratio	Lower Upper
136 100	
137 11.3	9.1 13.7
54 9.1	7.7 11.5
68 5.9	4.9 7.3

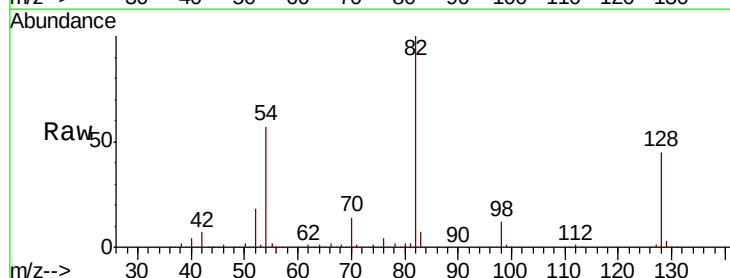


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

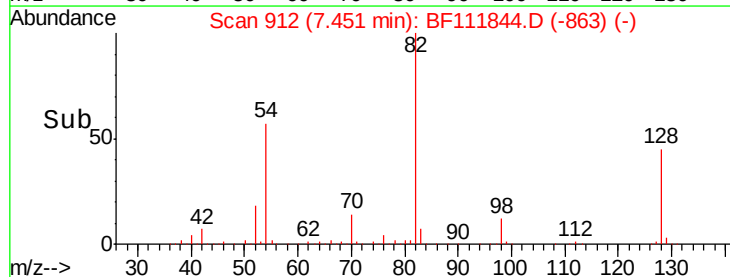
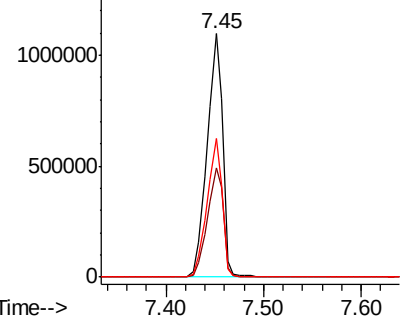


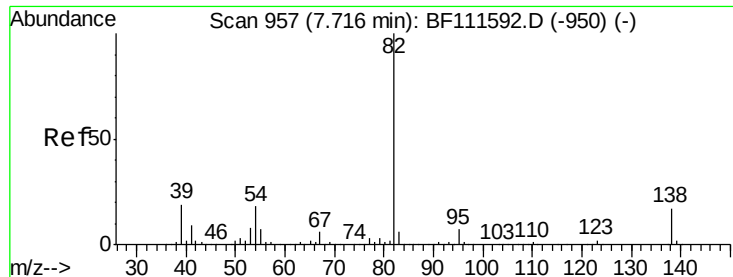
#23
Nitrobenzene-d5
Concen: 77.738 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111844.D
Acq: 4 Jan 2019 15:01

Tgt Ion: 82	Resp: 1209711
Ion Ratio	Lower Upper
82 100	
128 44.9	37.4 56.2
54 56.8	47.6 71.4



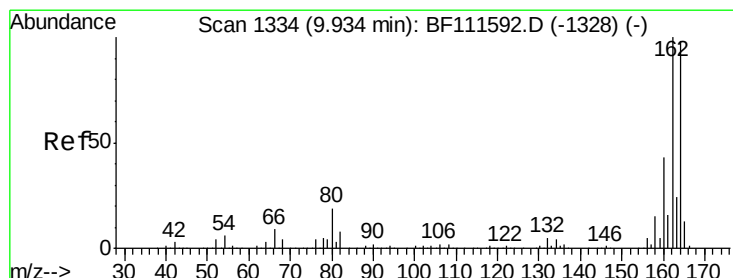
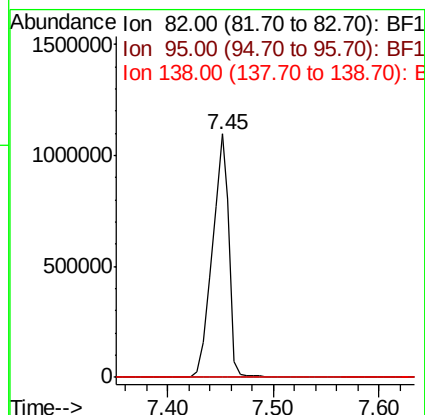
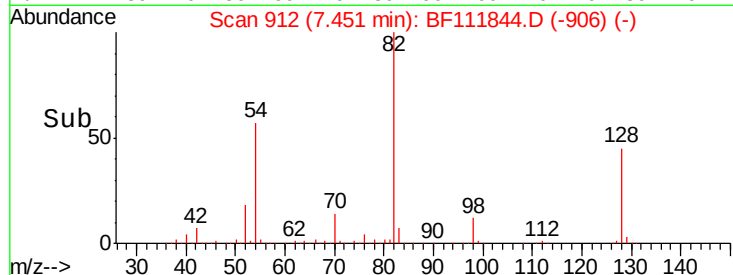
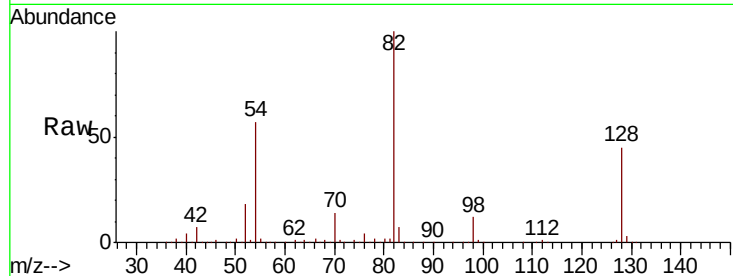
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





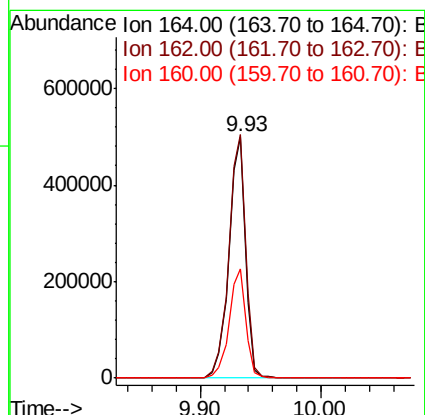
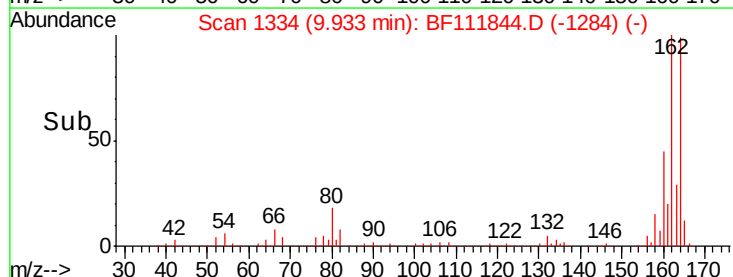
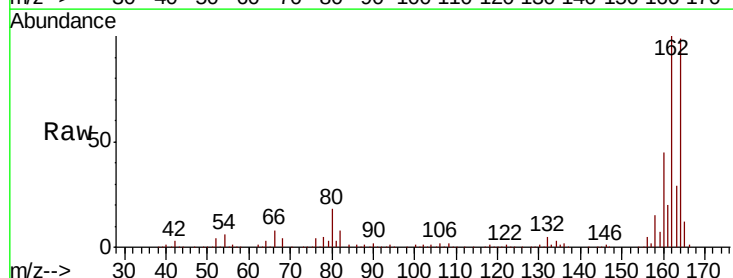
#25
Isophorone
Concen: 43.473 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111844.D
Acq: 4 Jan 2019 15:01

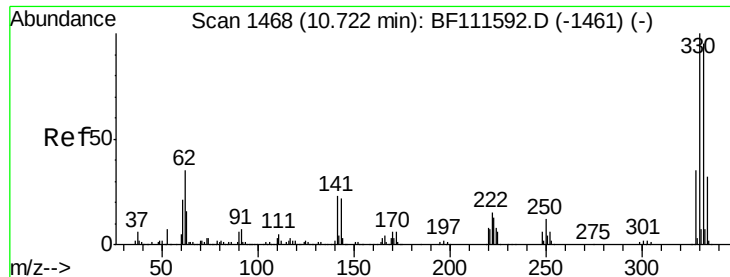
Tot Ion: 82 Resp: 1200968
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF111844.D
Acq: 4 Jan 2019 15:01

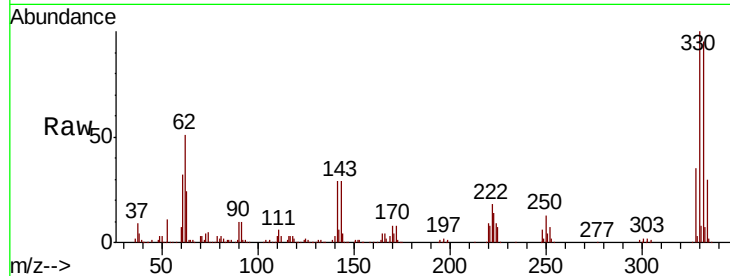
Tgt Ion: 164 Resp: 474138
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 45.4 35.7 53.5



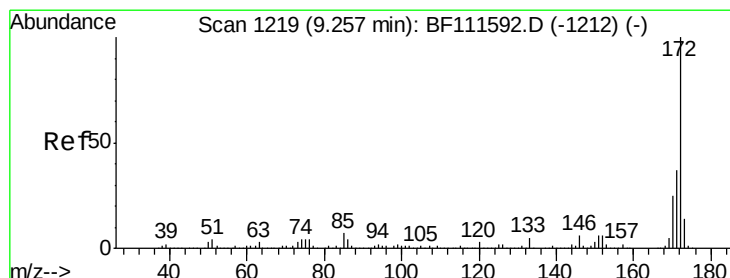
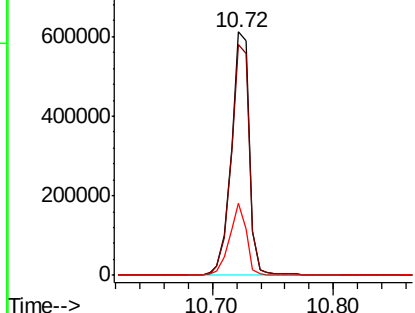
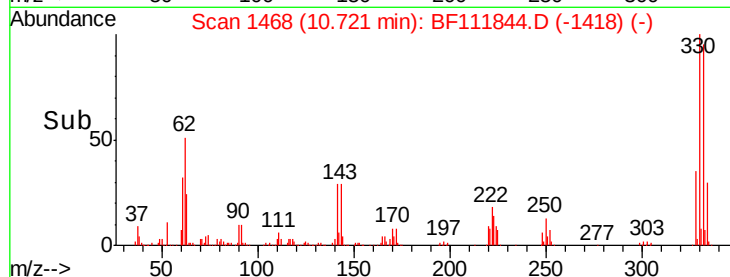


#42
 2,4,6-Tribromophenol
 Concen: 114.184 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF111844.D
 Acq: 4 Jan 2019 15:01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.0	114.0
141	27.5	31.0	46.6#

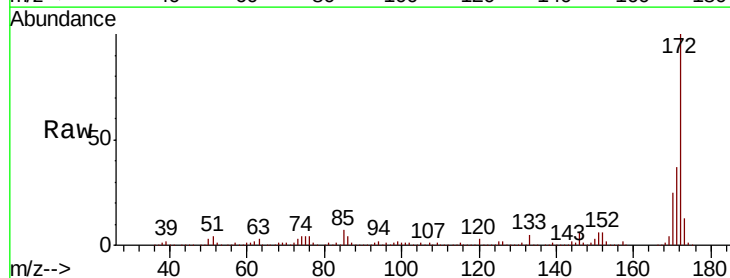


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

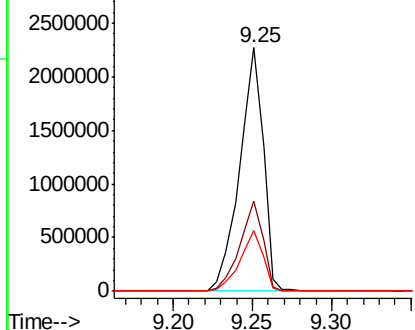
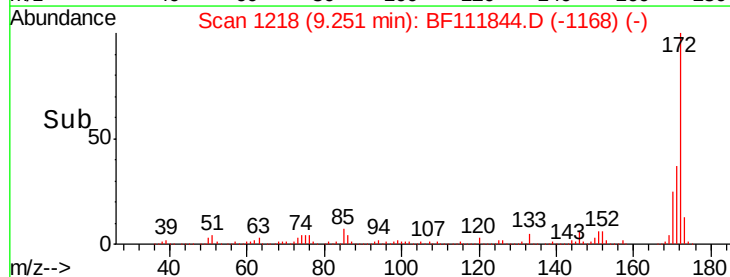


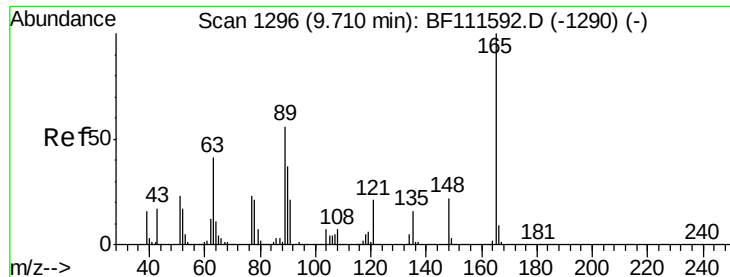
#45
 2-Fluorobiphenyl
 Concen: 72.005 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111844.D
 Acq: 4 Jan 2019 15:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	33.0	49.4
170	24.7	22.3	33.5



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: 8.669 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.22 min

Lab File: BF111844.D

Acq: 4 Jan 2019 15:01

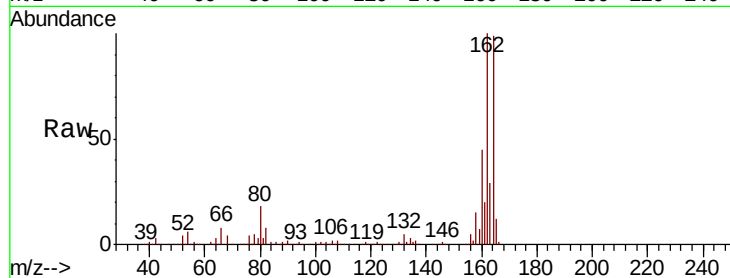
Tot Ion:165 Resp: 59933

Ion Ratio Lower Upper

165 100

63 1.5 40.5 60.7#

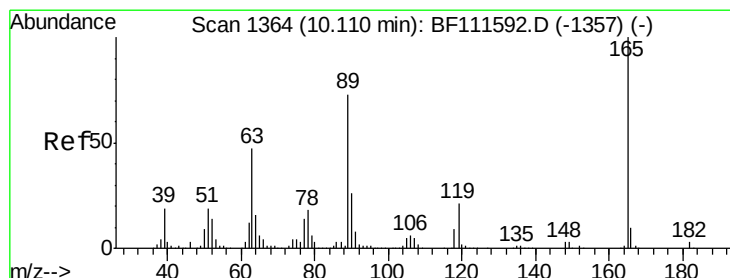
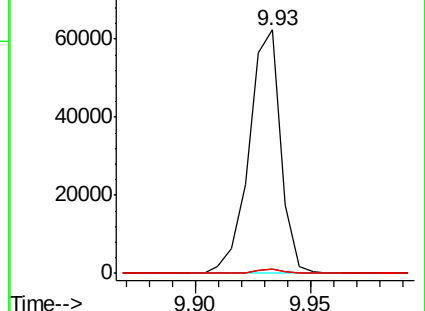
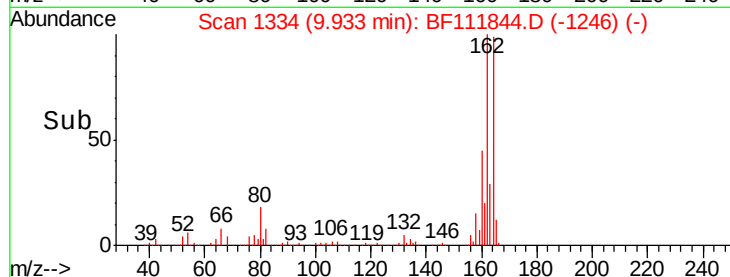
89 1.6 40.0 60.0#



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



#57

2,4-Dinitrotoluene

Concen: 7.213 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.19 min

Lab File: BF111844.D

Acq: 4 Jan 2019 15:01

Tgt Ion:165 Resp: 59933

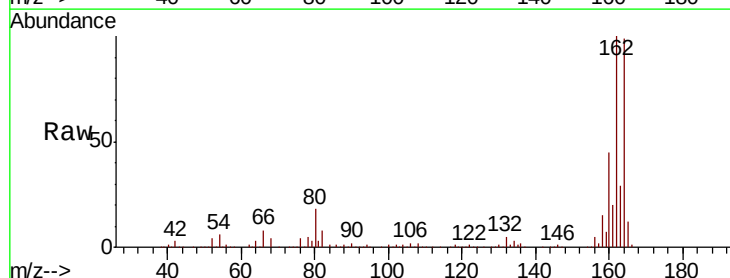
Ion Ratio Lower Upper

165 100

63 1.5 34.6 52.0#

89 1.6 56.2 84.4#

182 0.0 1.8 2.6#

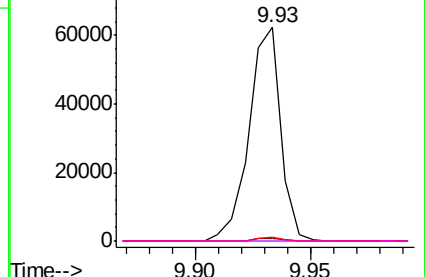
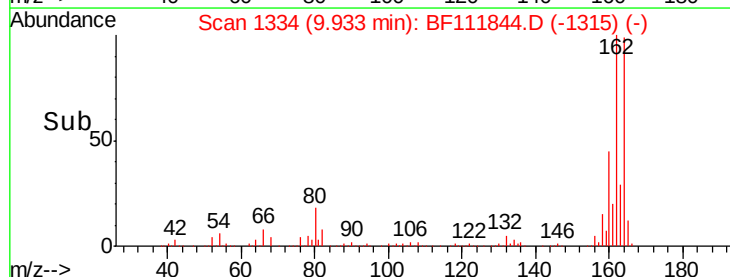


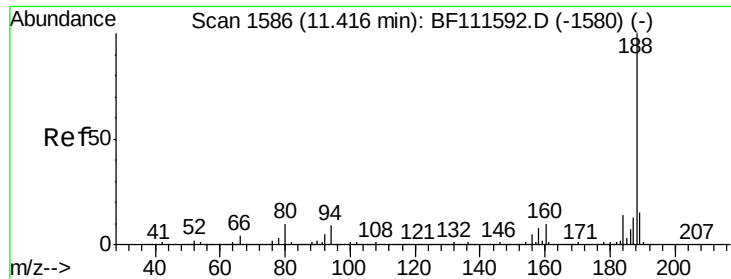
Abundance Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF111844.D

Acq: 4 Jan 2019 15:01

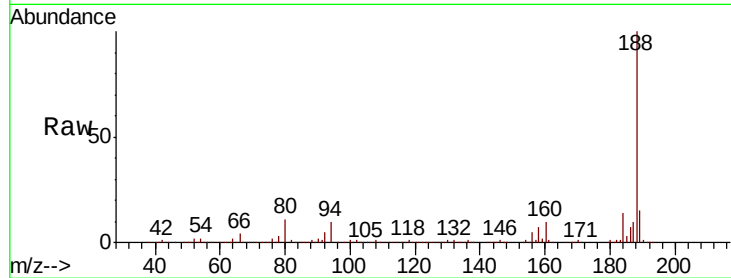
Tot Ion:188 Resp: 952800

Ion Ratio Lower Upper

188 100

94 9.7 9.6 14.4

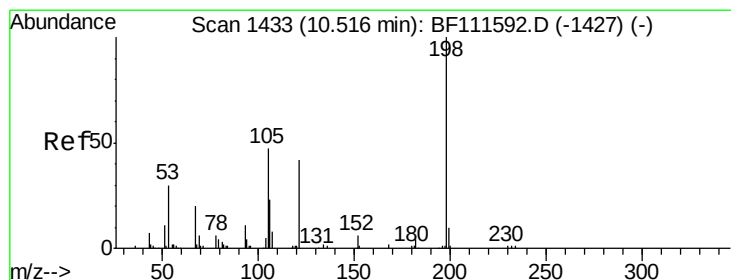
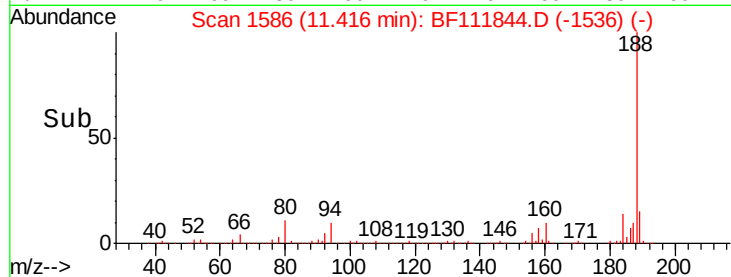
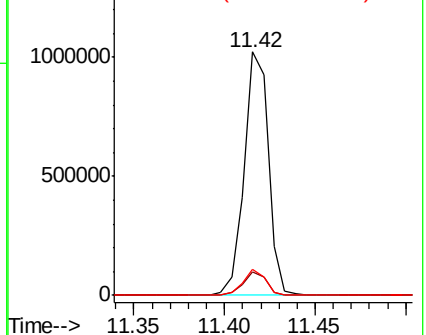
80 10.6 9.8 14.6



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



#65

4,6-Dinitro-2-methylphenol

Concen: 6.904 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.19 min

Lab File: BF111844.D

Acq: 4 Jan 2019 15:01

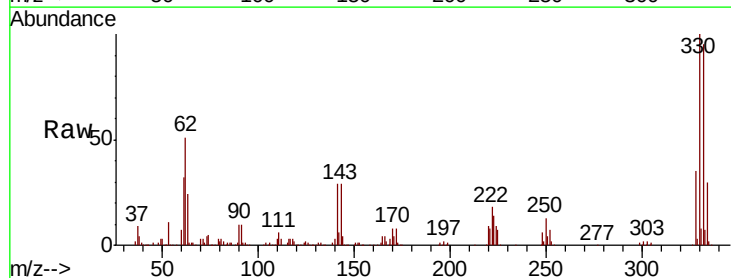
Tgt Ion:198 Resp: 966

Ion Ratio Lower Upper

198 100

51 249.7 48.0 88.0#

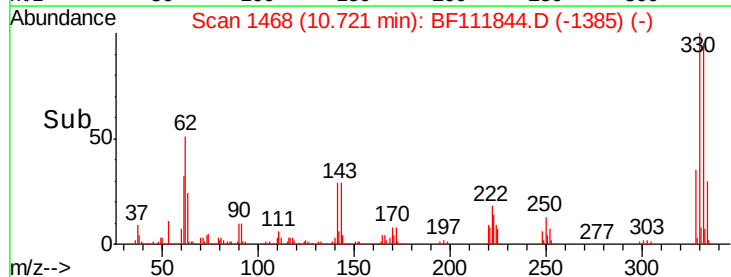
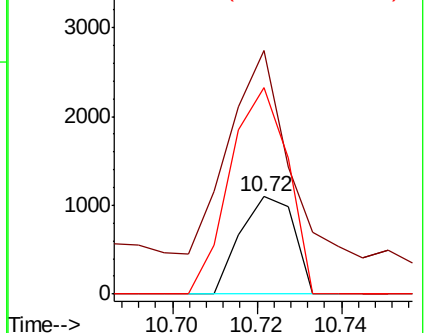
105 212.3 34.0 74.0#

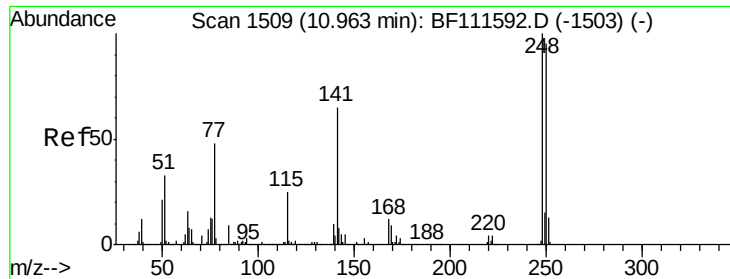


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#67

4-Bromophenyl-phenylether

Concen: 3.226 ng

RT: 10.72 min Scan# 1468

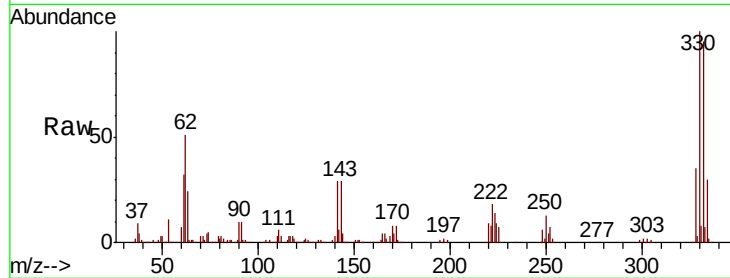
Delta R.T. -0.24 min

Lab File: BF111844.D

Acq: 4 Jan 2019 15:01

Tot Ion:248 Resp: 38122

Ion	Ratio	Lower	Upper
248	100		
250	208.7	77.0	115.4#
141	469.6	63.0	94.6#

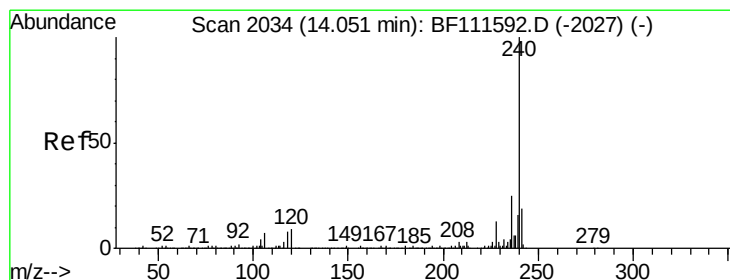
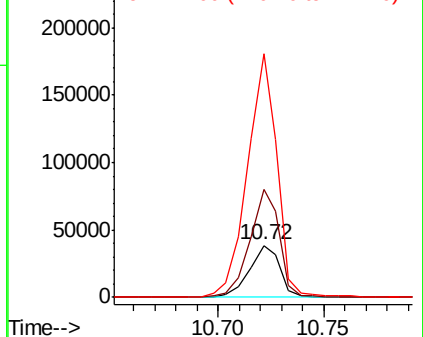
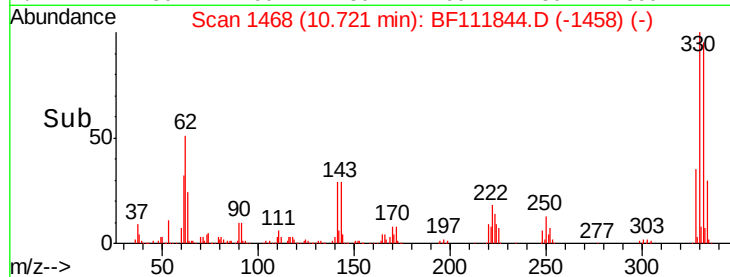


Abundance

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

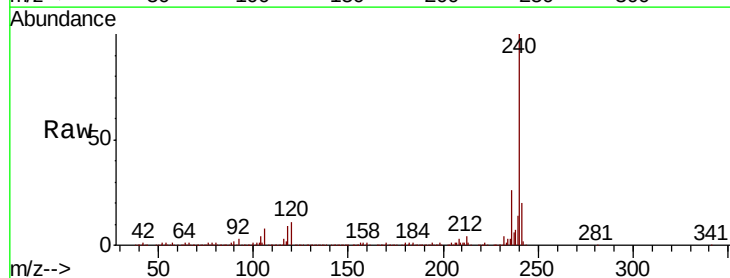
Delta R.T. -0.01 min

Lab File: BF111844.D

Acq: 4 Jan 2019 15:01

Tgt Ion:240 Resp: 864187

Ion	Ratio	Lower	Upper
240	100		
120	11.0	12.2	18.2#
236	25.7	20.2	30.2

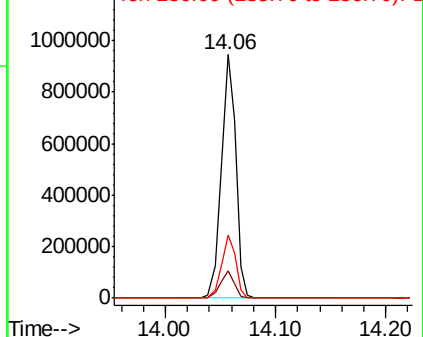
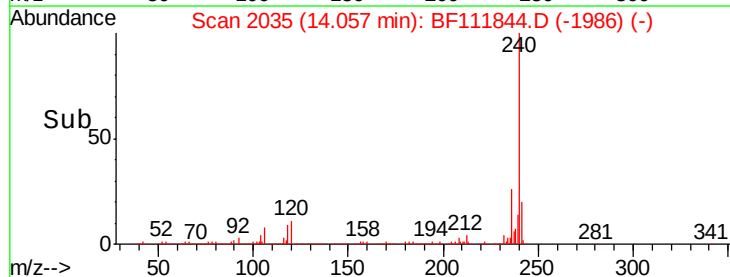


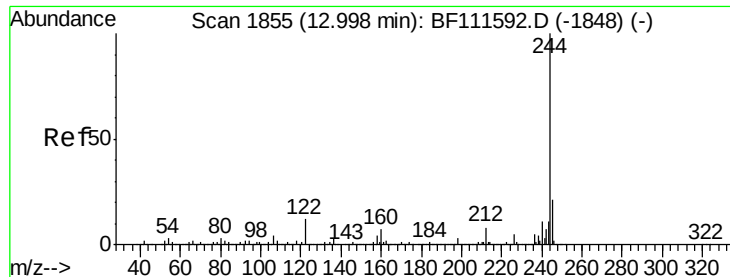
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

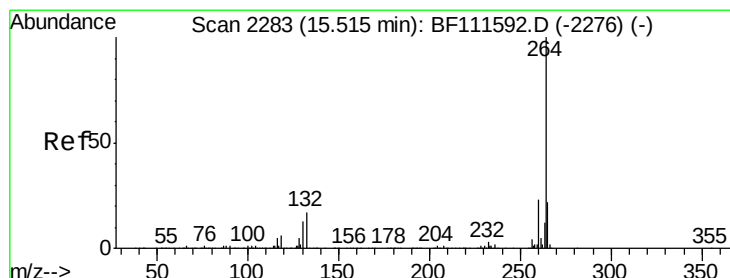
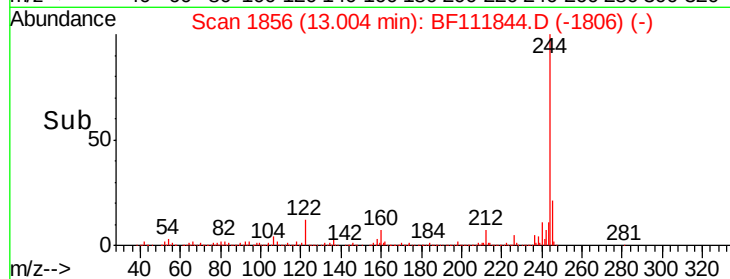
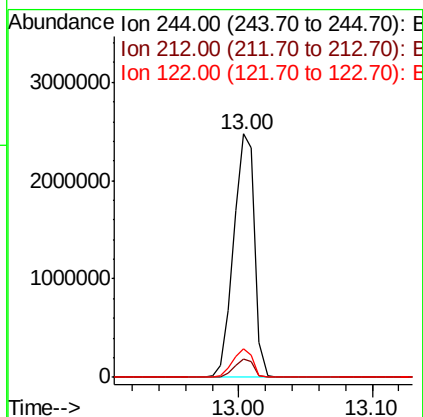
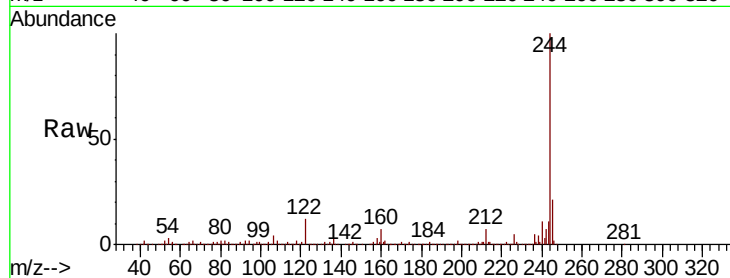
Ion 236.00 (235.70 to 236.70): E





#79
 Terphenyl-d14
 Concen: 59.715 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF111844.D
 Acq: 4 Jan 2019 15:01

Tot Ion:244 Resp: 2721184
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 11.7 13.1 19.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BF111844.D
 Acq: 4 Jan 2019 15:01

Tgt Ion:264 Resp: 673217
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.3 27.5
 265 21.5 17.7 26.5

