

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111846.D
 Acq On : 4 Jan 2019 15:58
 Operator : JU/SJ
 Sample : K1017-09RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 04 17:55:13 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	201096	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	752760	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	346721	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	537220	20.00	ng	0.00
76) Chrysene-d12	14.06	240	486249	20.00	ng	-0.01
87) Perylene-d12	15.54	264	441865	20.00	ng	0.00

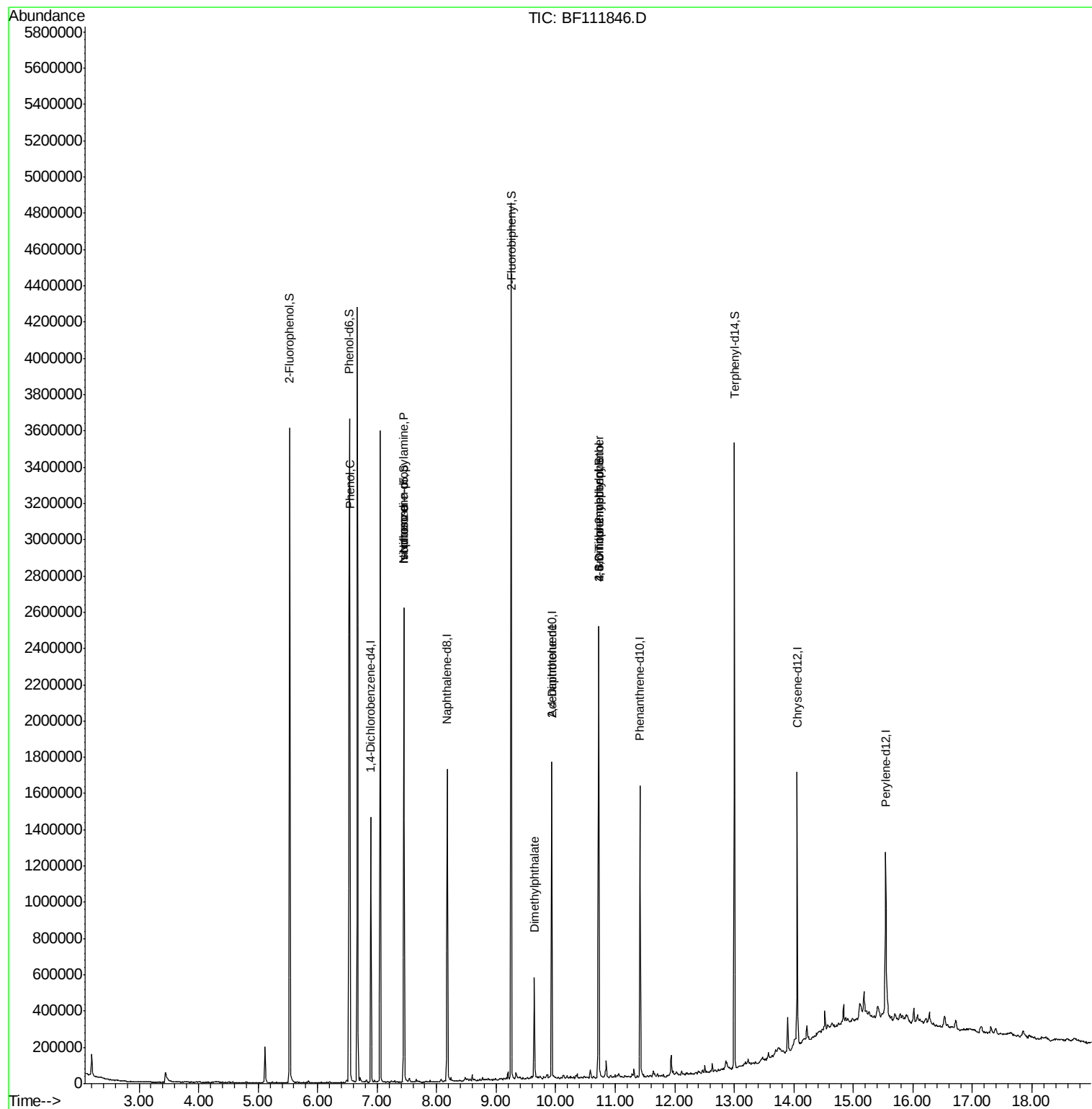
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1016609	86.17	ng	0.00
7) Phenol-d6	6.53	99	1299695	86.56	ng	0.00
23) Nitrobenzene-d5	7.45	82	802015	62.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	318084	77.64	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1469891	61.79	ng	0.00
79) Terphenyl-d14	13.00	244	1169894	45.63	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.55	94	65710	3.879	ng	98
19) n-Nitroso-di-n-propylamine	7.45	70	109163	10.948	ng	# 77
25) Isophorone	7.45	82	800105	34.850	ng	# 64
50) Dimethylphthalate	9.64	163	201299	7.939	ng	98
57) 2,4-Dinitrotoluene	9.93	165	44732	7.362	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	592	6.922	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	18979	2.848	ng	# 1

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

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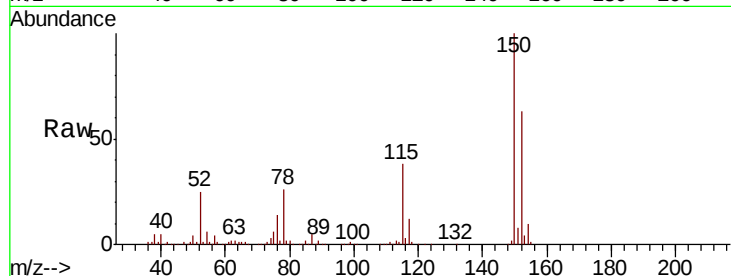




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111846.D
Acq: 4 Jan 2019 15:58

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	60.7	50.7	76.1

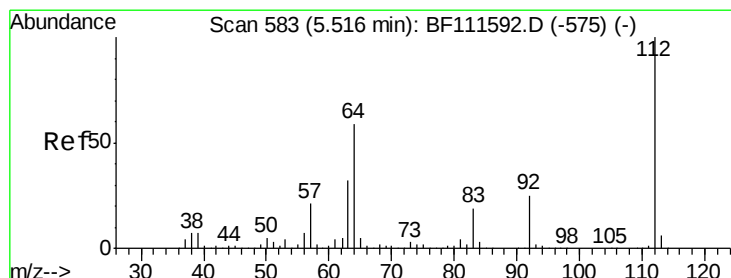
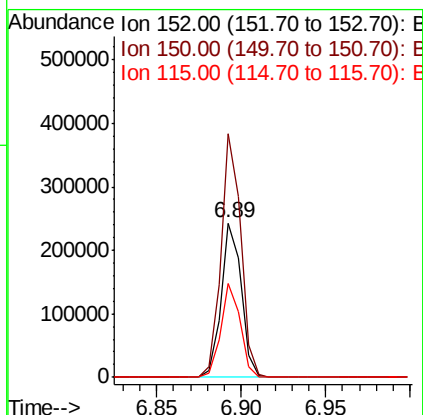
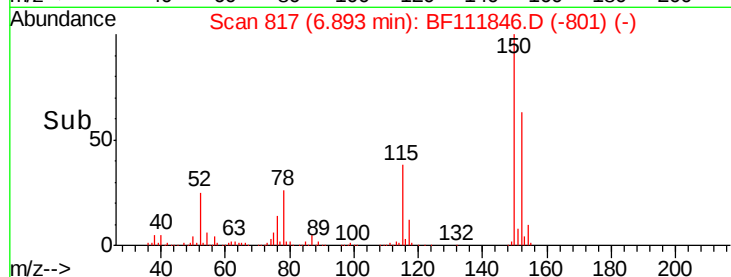


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

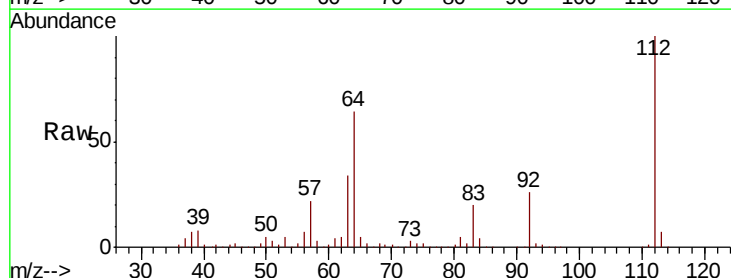
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.170 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF111846.D
Acq: 4 Jan 2019 15:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	51.8	77.6
63	34.4	26.8	40.2

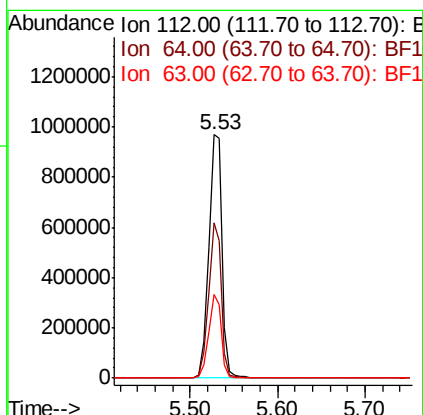
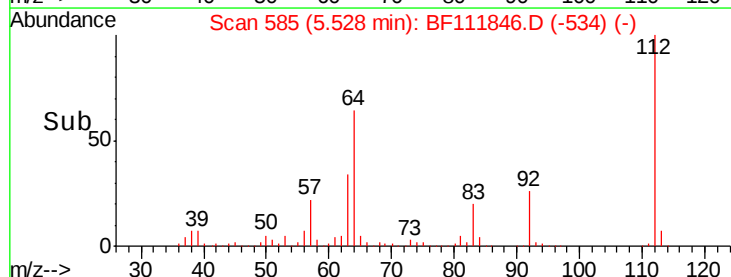


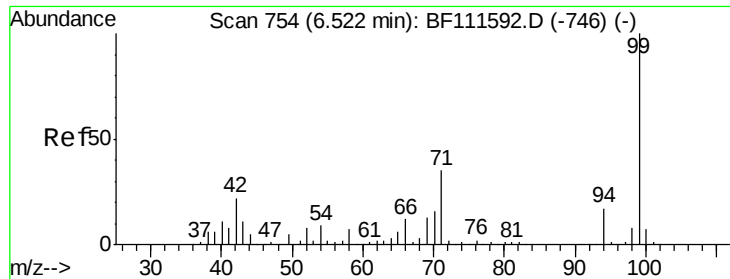
Abundance

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: 86.563 ng

RT: 6.53 min Scan# 756

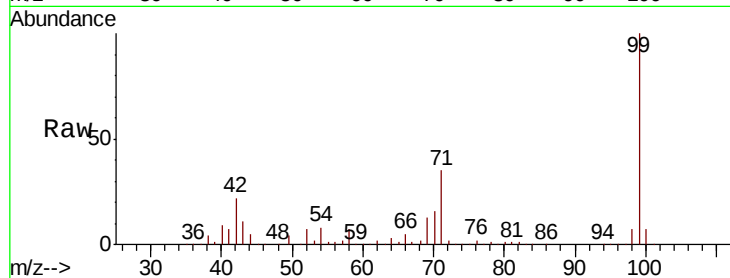
Delta R.T. -0.01 min

Lab File: BF111846.D

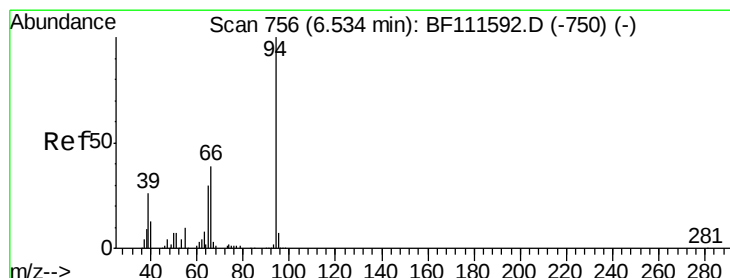
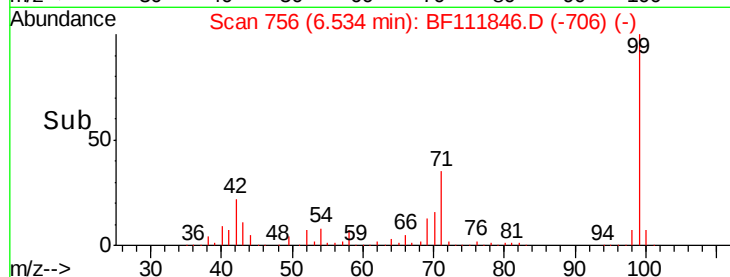
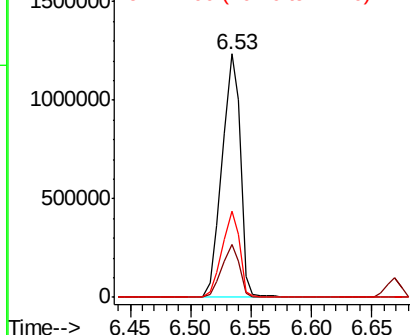
Acq: 4 Jan 2019 15:58

Tot Ion: 99 Resp: 1299695

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.4	26.0
71	35.4	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



#10

Phenol

Concen: 3.879 ng

RT: 6.55 min Scan# 758

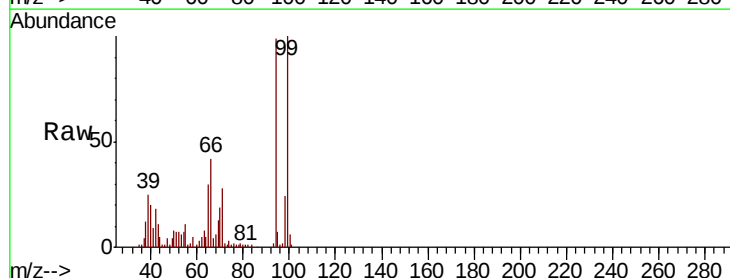
Delta R.T. -0.01 min

Lab File: BF111846.D

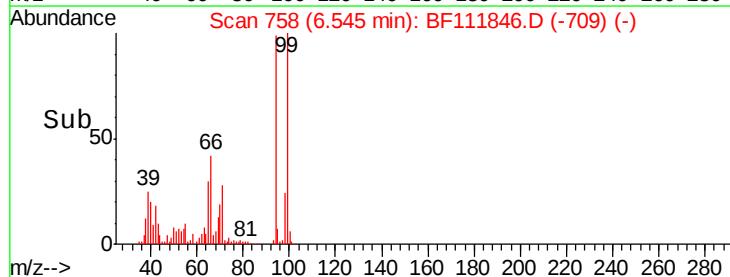
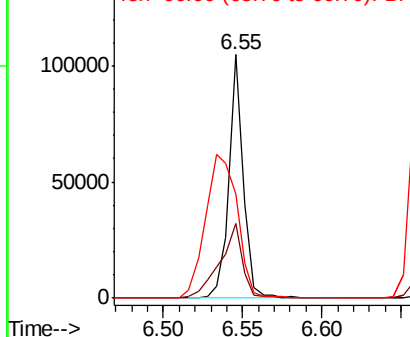
Acq: 4 Jan 2019 15:58

Tgt Ion: 94 Resp: 65710

Ion	Ratio	Lower	Upper
94	100		
65	30.7	11.7	51.7
66	42.8	21.0	61.0



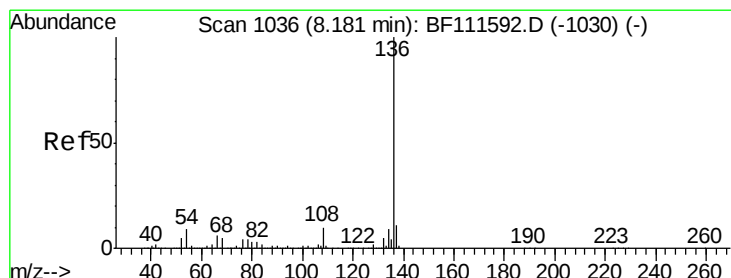
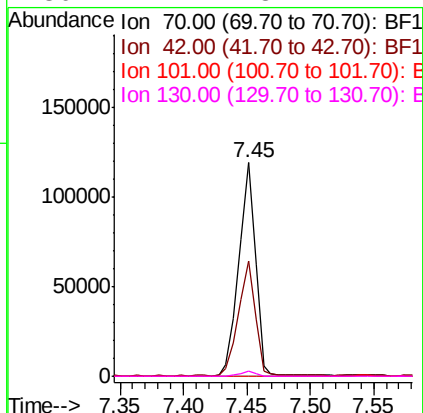
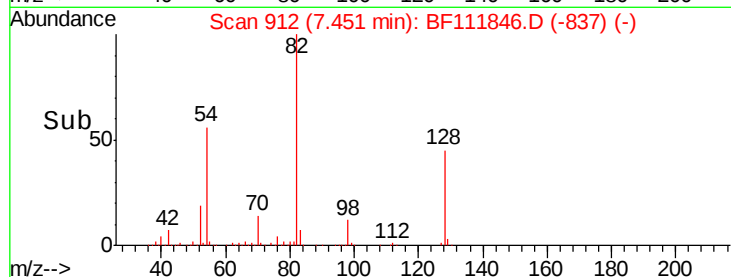
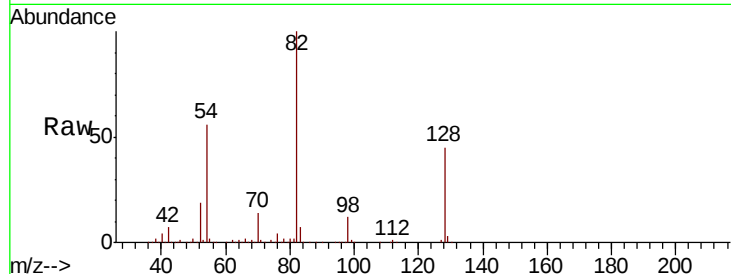
Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





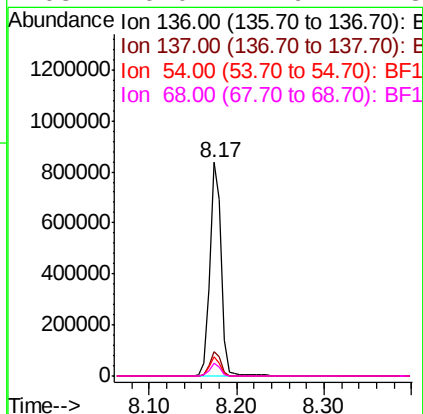
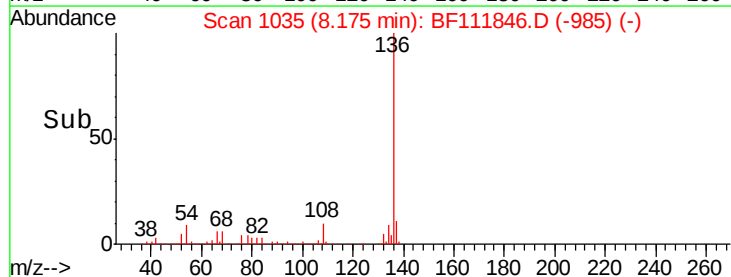
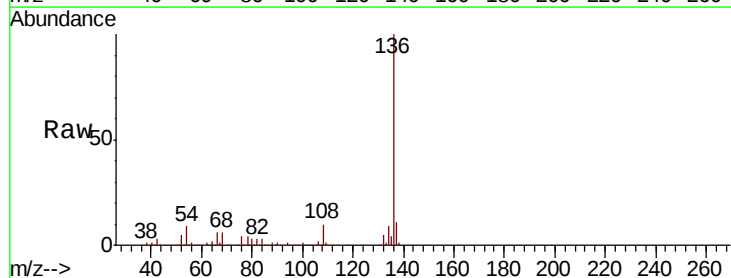
#19
n-Nitroso-di-n-propylamine
Concen: 10.948 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111846.D
Acq: 4 Jan 2019 15:58

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.7	53.2	79.8
101	0.0	8.2	12.4#
130	2.4	18.1	27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111846.D
Acq: 4 Jan 2019 15:58

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.3	7.7	11.5
68	6.0	4.9	7.3





#23

Nitrobenzene-d5

Concen: 62.016 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111846.D

Acq: 4 Jan 2019 15:58

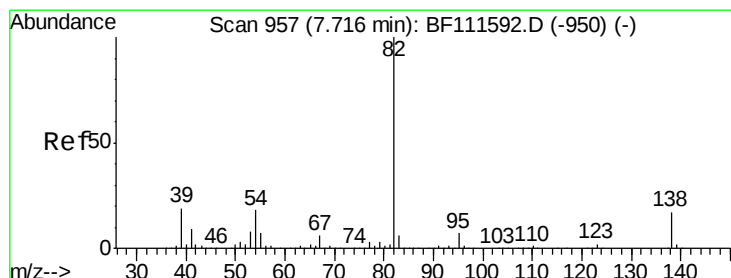
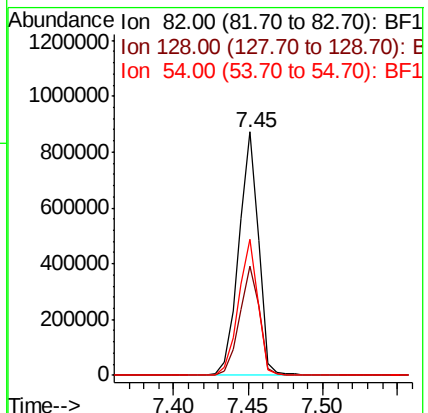
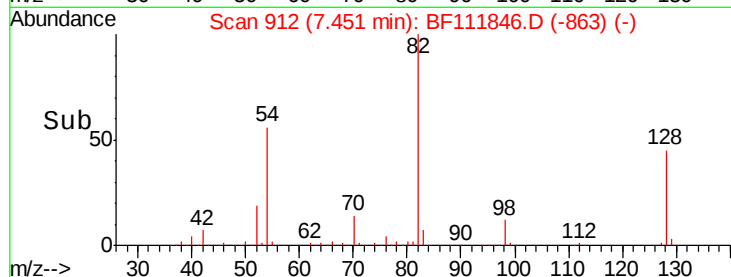
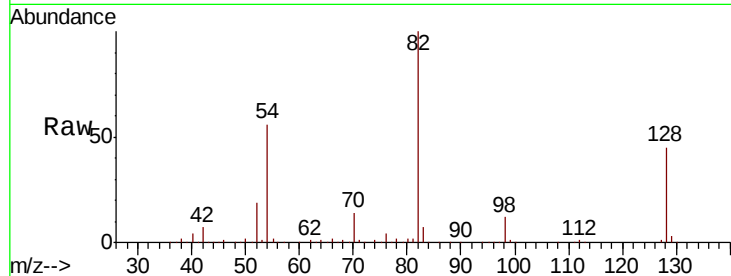
Tot Ion: 82 Resp: 802015

Ion Ratio Lower Upper

82 100

128 45.0 37.4 56.2

54 55.9 47.6 71.4



#25

Isophorone

Concen: 34.850 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF111846.D

Acq: 4 Jan 2019 15:58

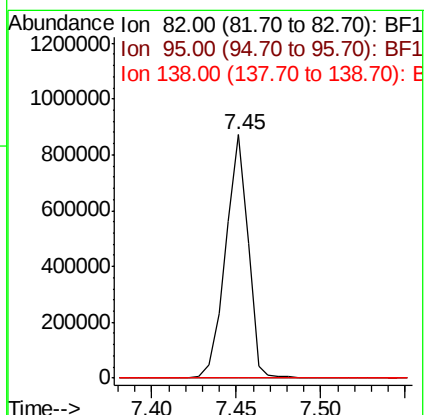
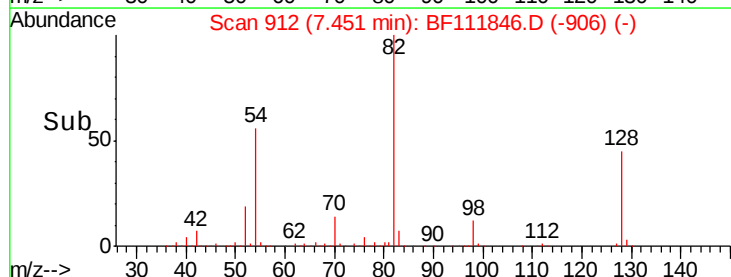
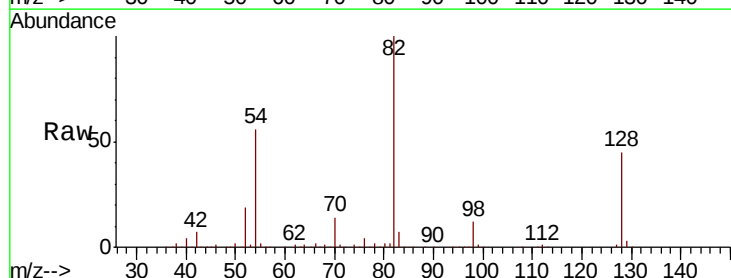
Tgt Ion: 82 Resp: 800105

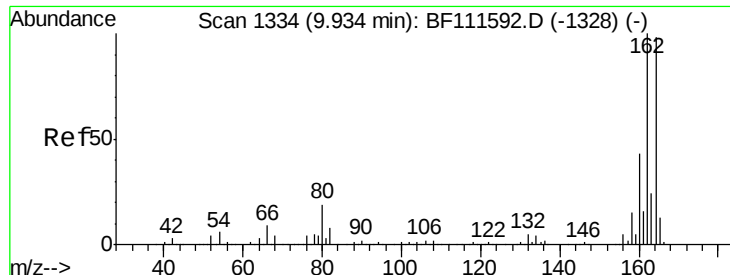
Ion Ratio Lower Upper

82 100

95 0.1 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: BF111846.D

Acq: 4 Jan 2019 15:58

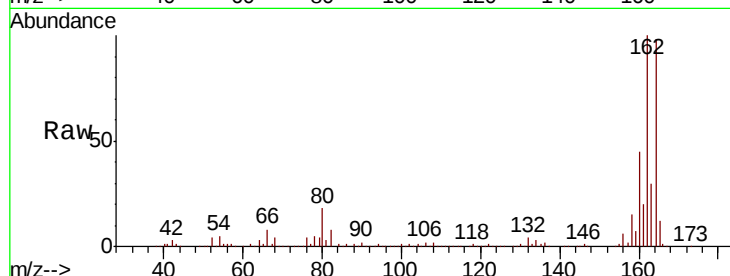
Tot Ion:164 Resp: 346721

Ion Ratio Lower Upper

164 100

162 101.7 81.4 122.0

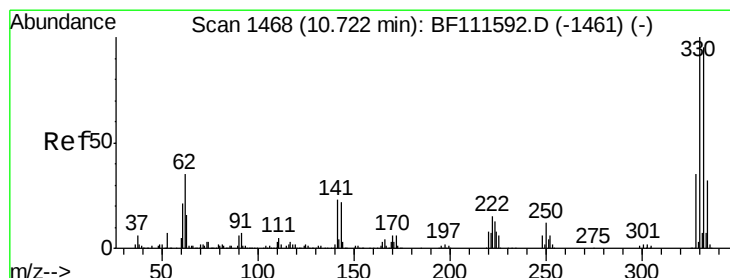
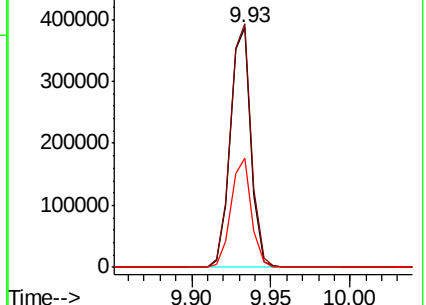
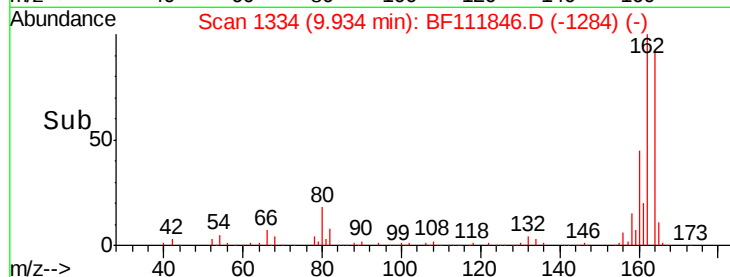
160 45.7 35.7 53.5



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



#42

2,4,6-Tribromophenol

Concen: 77.643 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF111846.D

Acq: 4 Jan 2019 15:58

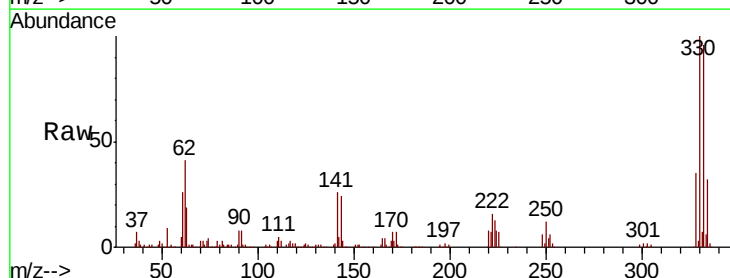
Tgt Ion:330 Resp: 318084

Ion Ratio Lower Upper

330 100

332 96.3 76.0 114.0

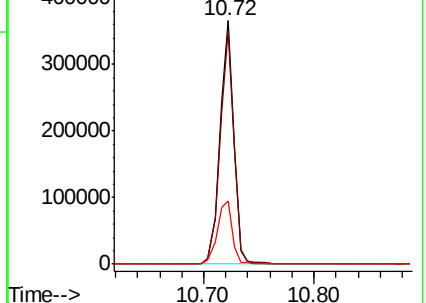
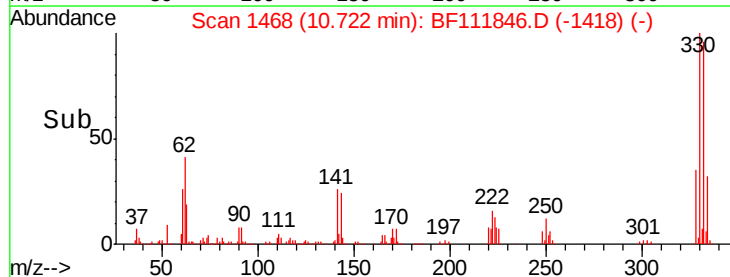
141 28.6 31.0 46.6#

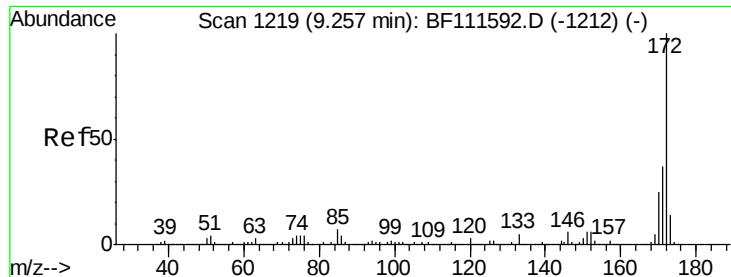


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

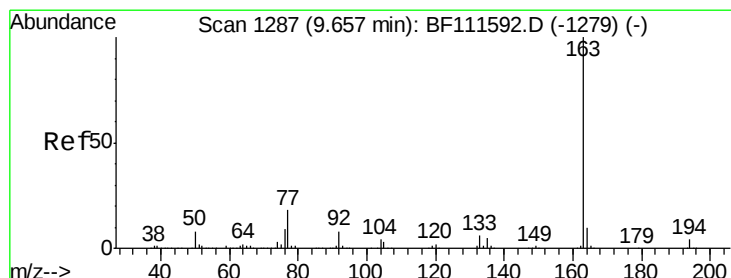
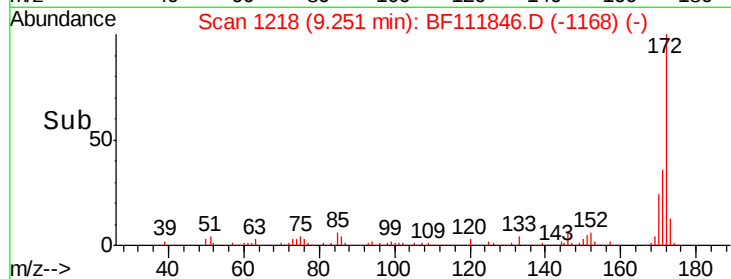
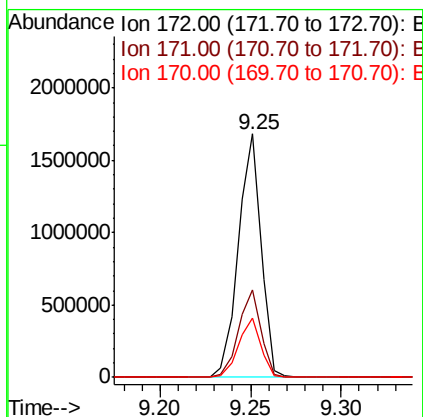
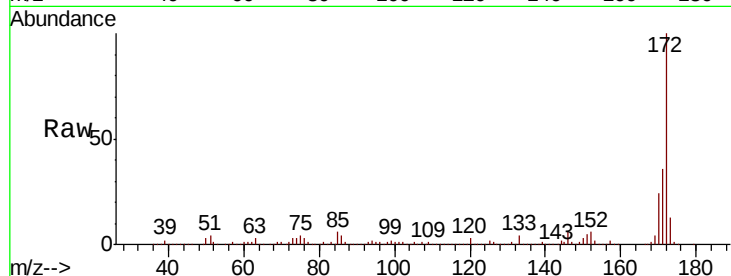




#45
2-Fluorobiphenyl
Concen: 61.793 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111846.D
Acq: 4 Jan 2019 15:58

Tot Ion:172 Resp: 1469891

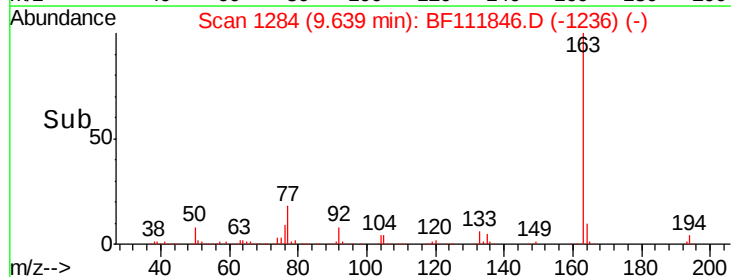
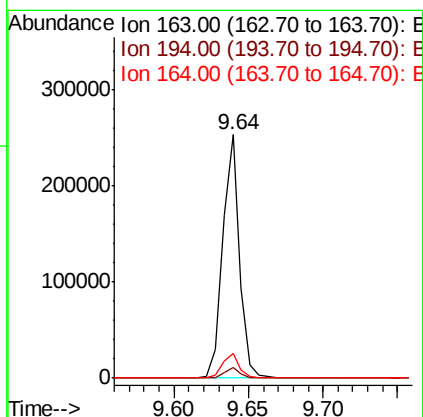
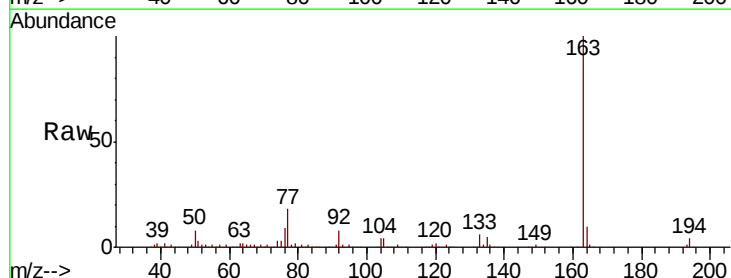
Ion	Ratio	Lower	Upper
172	100		
171	36.0	33.0	49.4
170	24.2	22.3	33.5

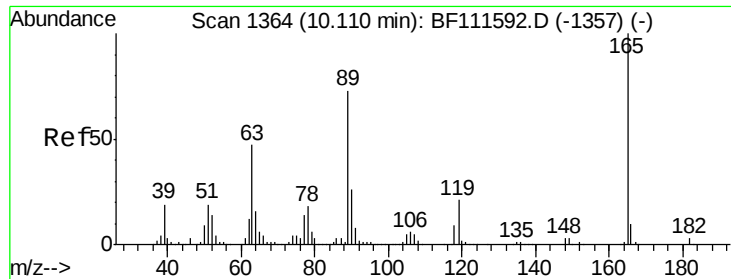


#50
Dimethylphthalate
Concen: 7.939 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111846.D
Acq: 4 Jan 2019 15:58

Tgt Ion:163 Resp: 201299

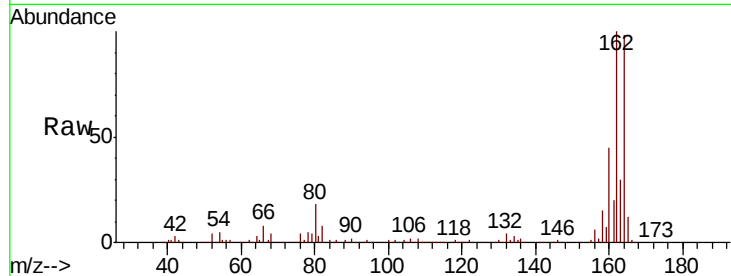
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.0	8.9	13.3





#57
 2,4-Dinitrotoluene
 Concen: 7.362 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.19 min
 Lab File: BF111846.D
 Acq: 4 Jan 2019 15:58

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#

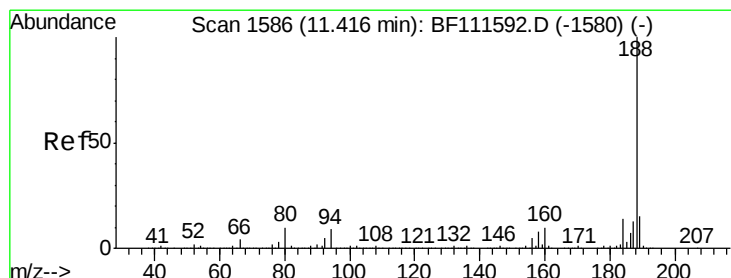
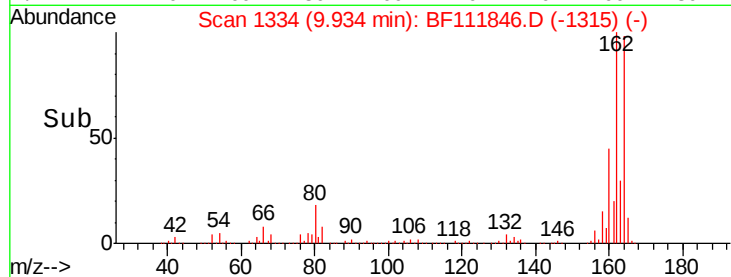
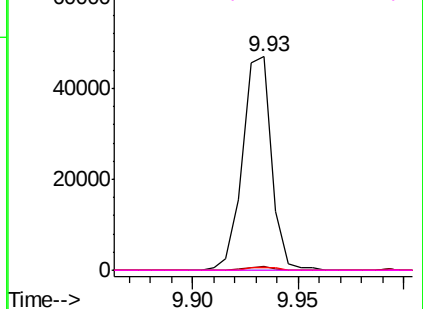


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

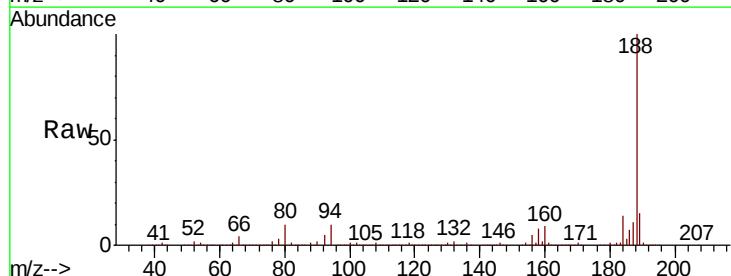
Ion 89.00 (88.70 to 89.70): BF1

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: BF111846.D
 Acq: 4 Jan 2019 15:58

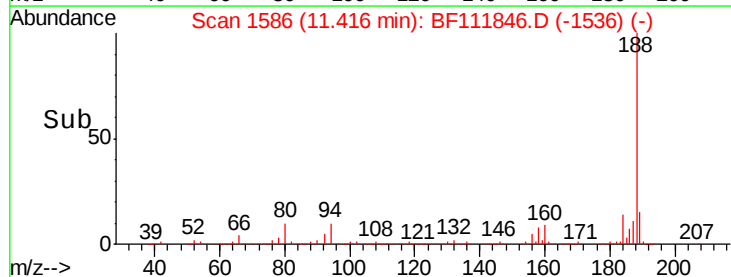
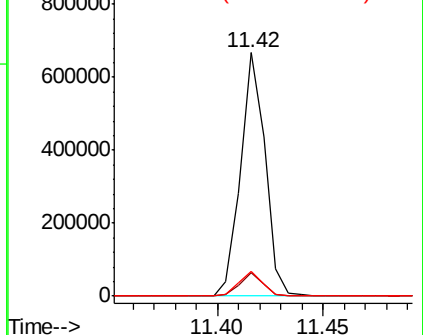
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.6	14.4#
80	10.0	9.8	14.6

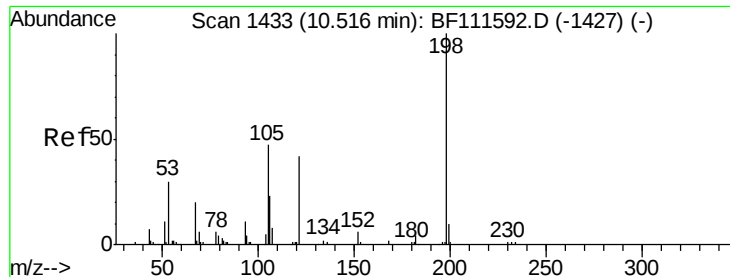


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.922 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.19 min

Lab File: BF111846.D

Acq: 4 Jan 2019 15:58

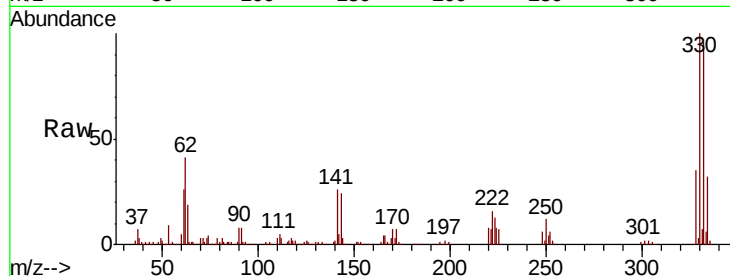
Tot Ion:198 Resp: 592

Ion Ratio Lower Upper

198 100

51 136.5 48.0 88.0#

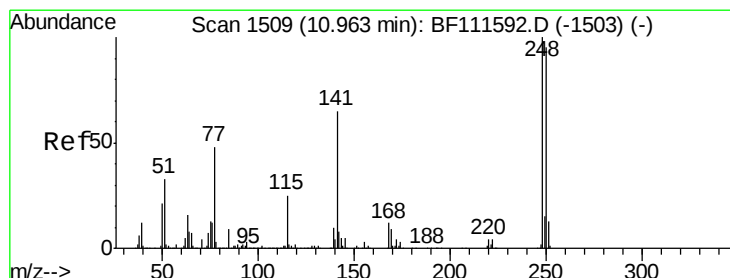
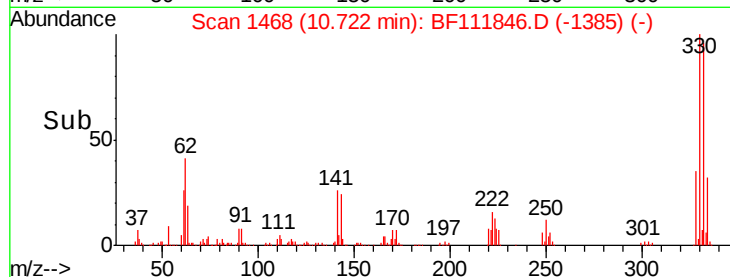
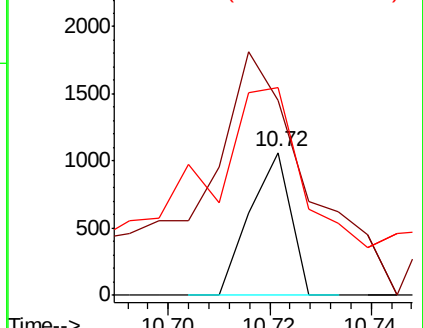
105 145.2 34.0 74.0#



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: 2.848 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.24 min

Lab File: BF111846.D

Acq: 4 Jan 2019 15:58

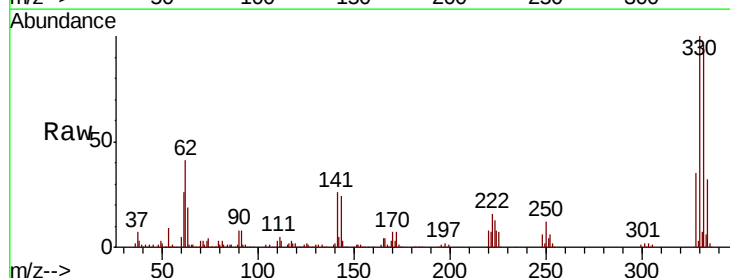
Tgt Ion:248 Resp: 18979

Ion Ratio Lower Upper

248 100

250 206.9 77.0 115.4#

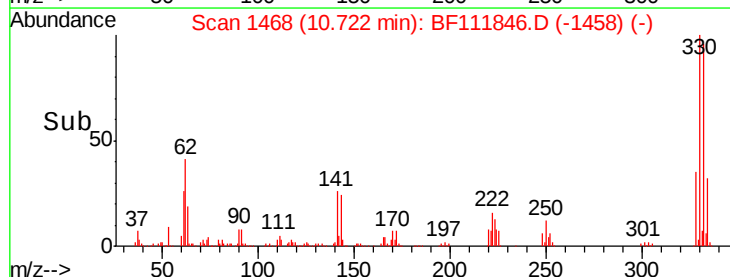
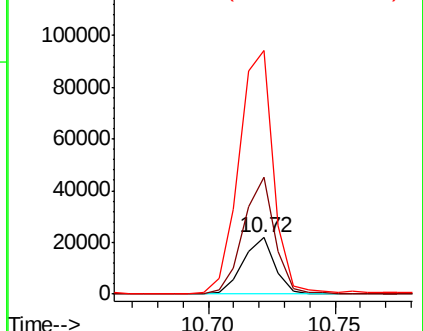
141 433.1 63.0 94.6#

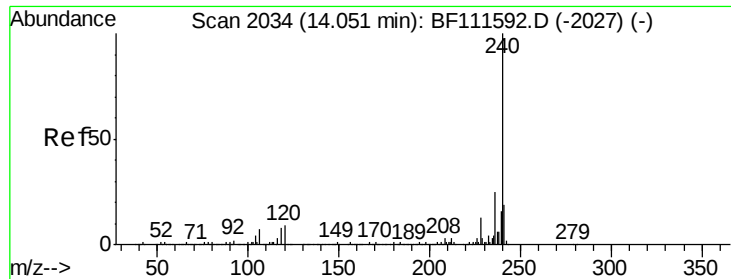


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

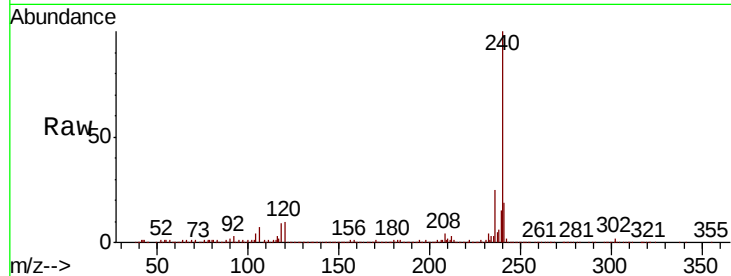
Ion 141.00 (140.70 to 141.70): E



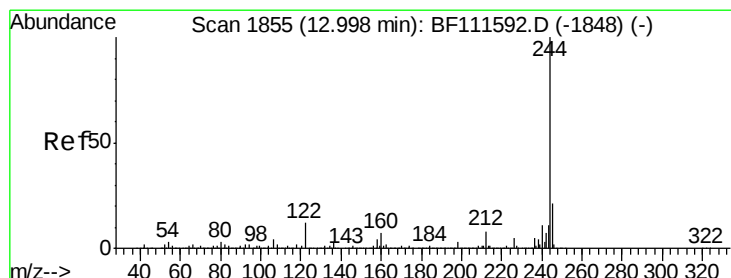
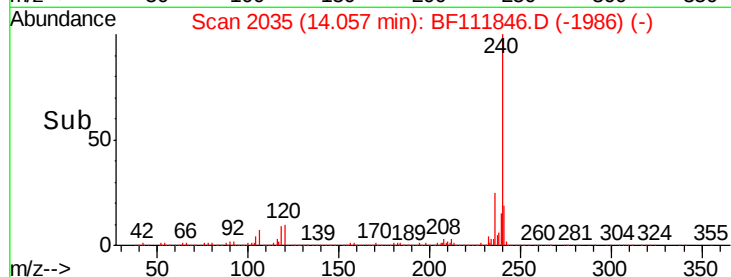
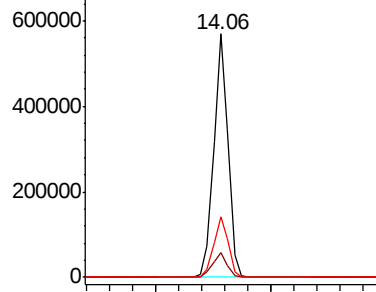


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF111846.D
 Acq: 4 Jan 2019 15:58

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	12.2	18.2#
236	25.1	20.2	30.2

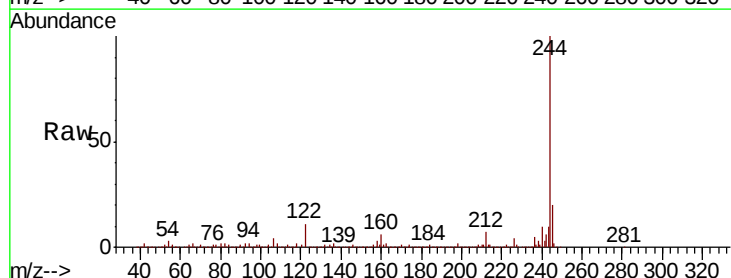


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

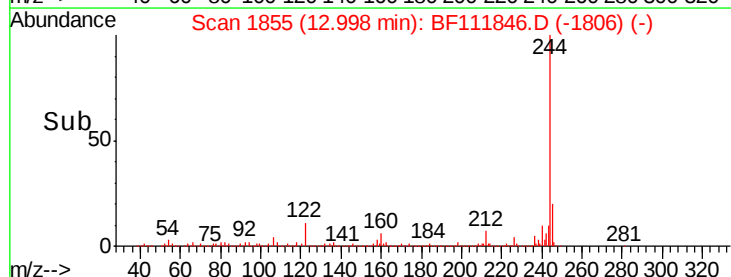
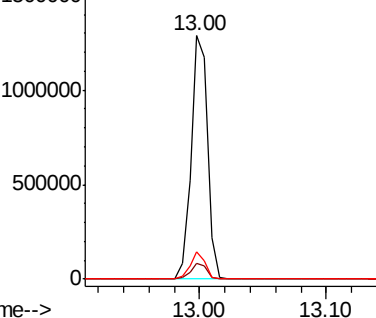


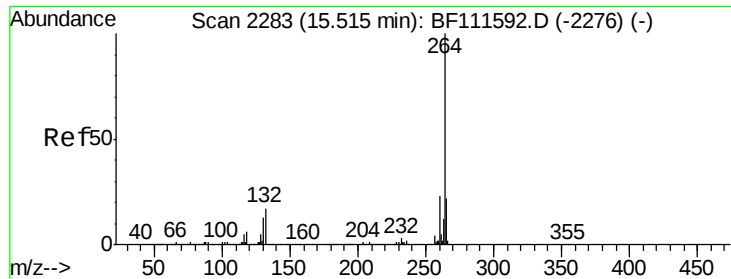
#79
 Terphenyl-d14
 Concen: 45.627 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF111846.D
 Acq: 4 Jan 2019 15:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.3	13.1	19.7#



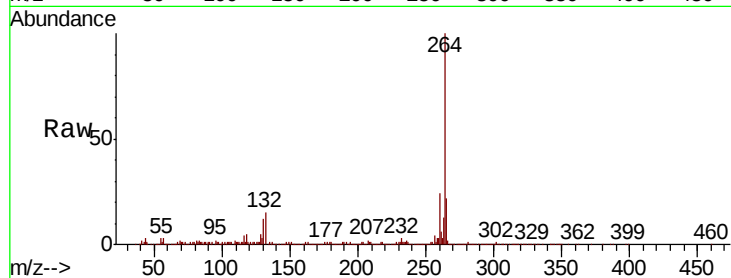
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF111846.D
Acq: 4 Jan 2019 15:58

Tot Ion:	264	Resp:	441865
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.9	17.7	26.5



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

