

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111734.D
 Acq On : 27 Dec 2018 00:40
 Operator : JU/SJ
 Sample : J6388-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 02:17:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

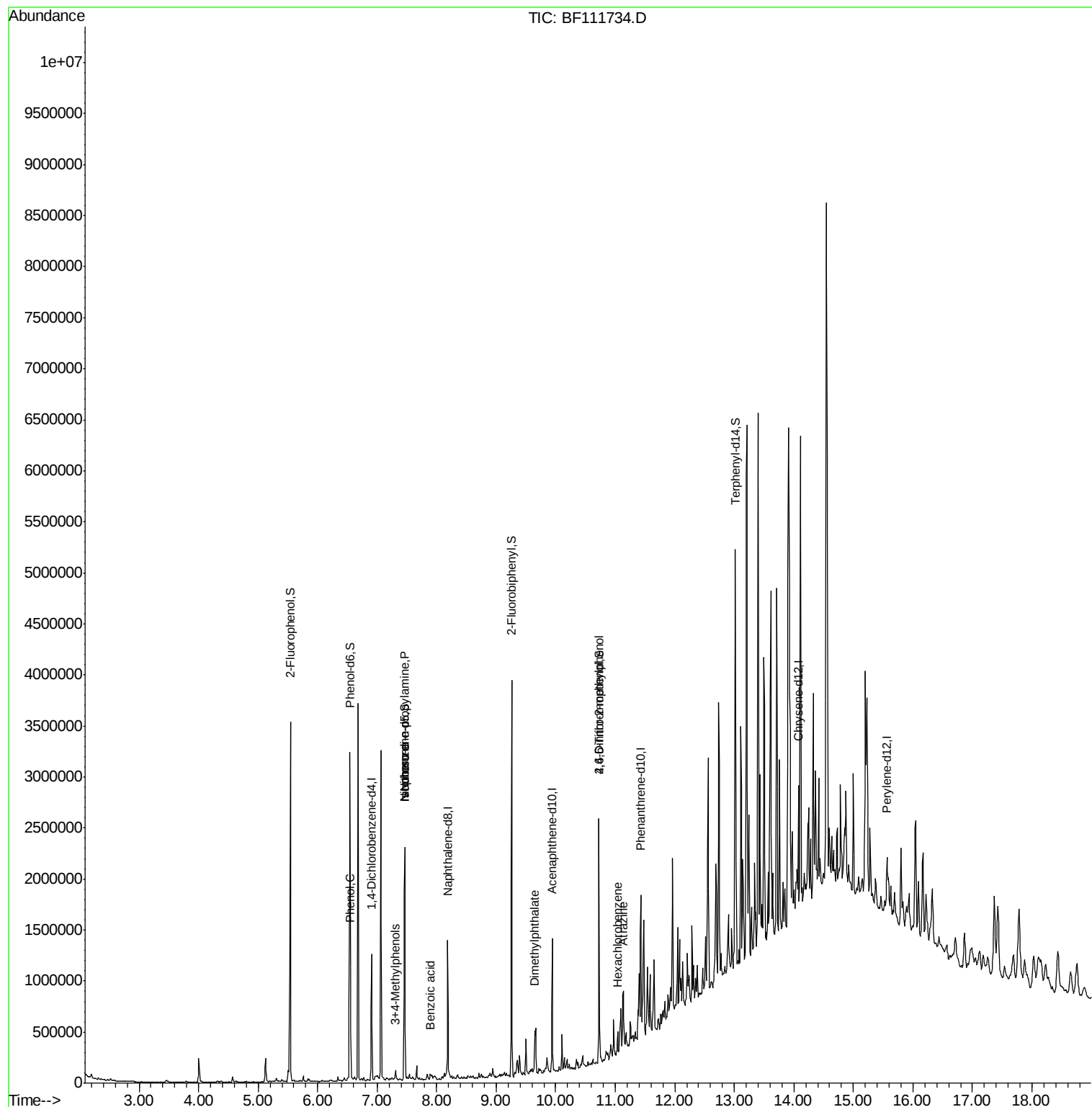
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	152860	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	513478	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	232329	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	430512	20.00	ng	0.01
76) Chrysene-d12	14.07	240	324243	20.00	ng	0.02
87) Perylene-d12	15.56	264	249843	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	864613	96.41	ng	0.02
7) Phenol-d6	6.55	99	1022445	89.59	ng	0.02
23) Nitrobenzene-d5	7.46	82	664673	75.35	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	275356	100.31	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1157154	72.60	ng	0.00
79) Terphenyl-d14	13.02	244	1123187	65.69	ng	0.02
Target Compounds						
10) Phenol	6.56	94	136511	10.601	ng	97
19) n-Nitroso-di-n-propylamine	7.46	70	93920	12.391	ng	# 78
20) 3+4-Methylphenols	7.31	107	21978	2.187	ng	# 66
25) Isophorone	7.46	82	661095	42.214	ng	# 64
32) Benzoic acid	7.90	122	13190	2.699	ng	95
50) Dimethylphthalate	9.65	163	142647	8.396	ng	100
65) 4,6-Dinitro-2-methylphenol	10.73	198	569	6.968	ng	# 1
68) Hexachlorobenzene	11.04	284	23834	4.003	ng	92
69) Atrazine	11.13	200	59890	11.929	ng	# 39

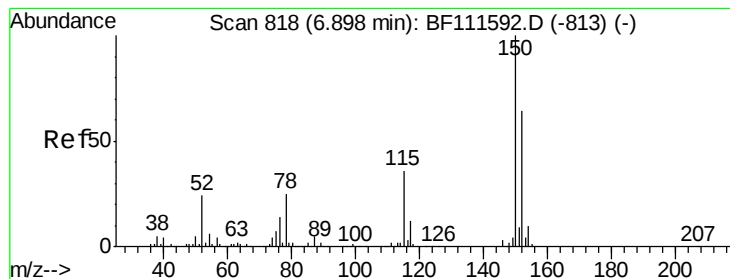
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111734.D
Acq On : 27 Dec 2018 00:40
Operator : JU/SJ
Sample : J6388-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 27 02:17:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

Instrument :

BNA_F

ClientSampleId :

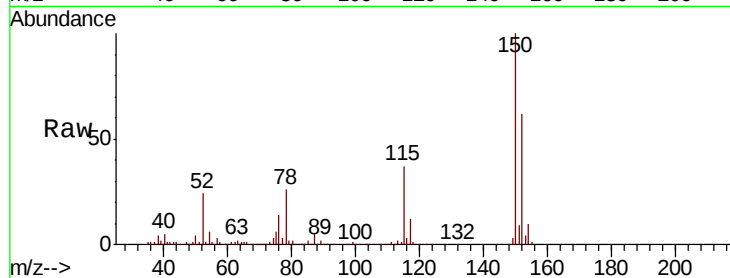
Tot Ion:152 Resp: 152860

Ion Ratio Lower Upper

152 100

150 161.4 126.6 189.8

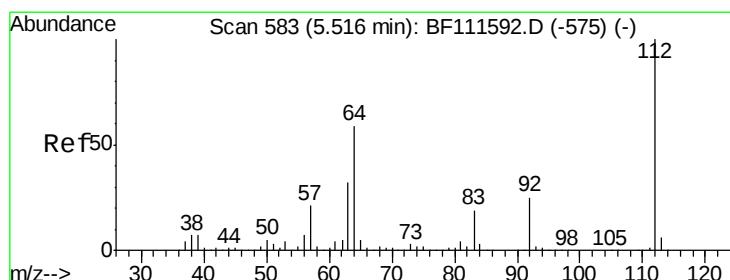
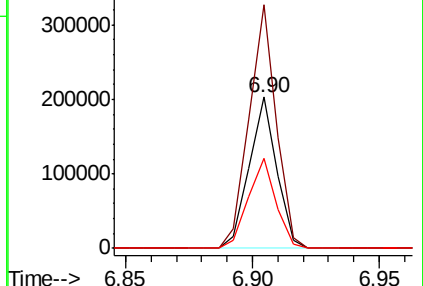
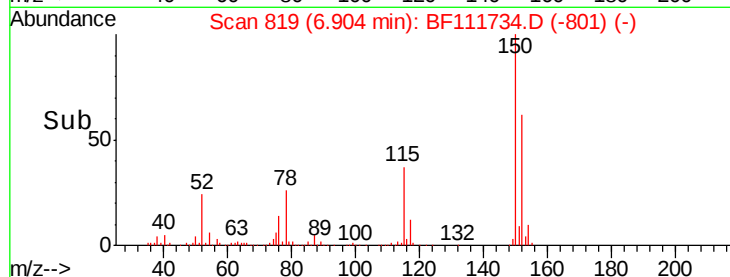
115 59.9 50.7 76.1



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: 96.413 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

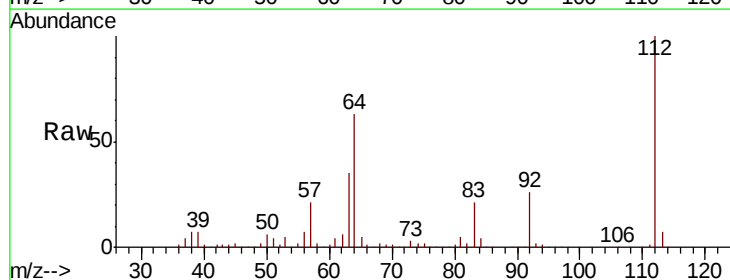
Tgt Ion:112 Resp: 864613

Ion Ratio Lower Upper

112 100

64 62.8 51.8 77.6

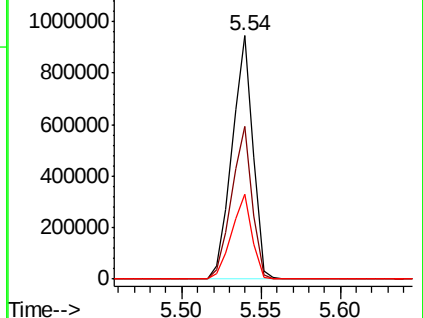
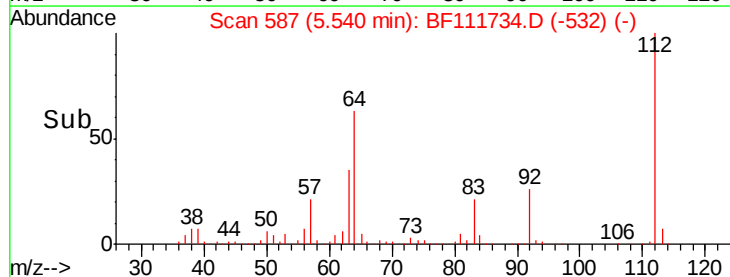
63 34.8 26.8 40.2

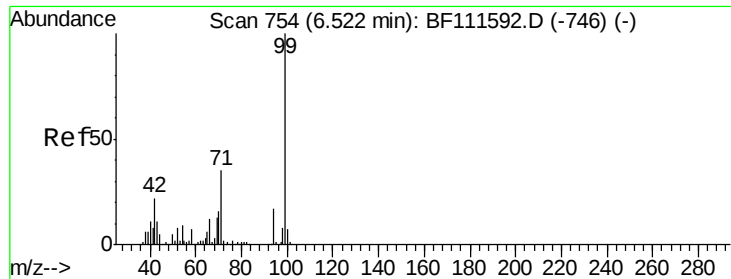


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 89.587 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

Instrument :

BNA_F

ClientSampleId :

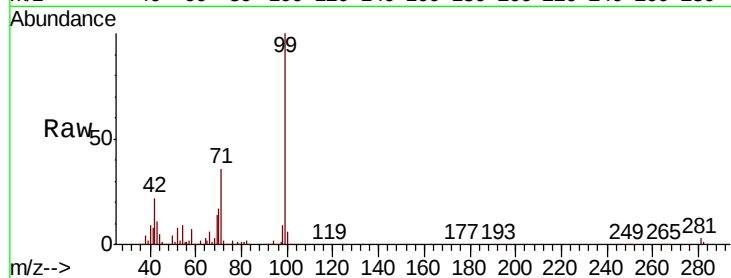
Tot Ion: 99 Resp: 1022445

Ion Ratio Lower Upper

99 100

42 21.6 17.4 26.0

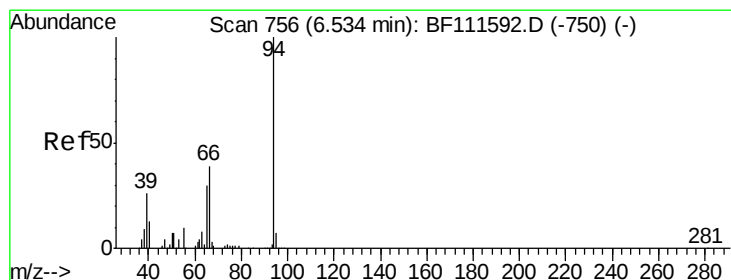
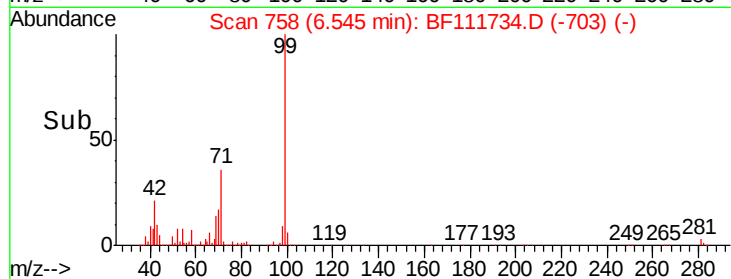
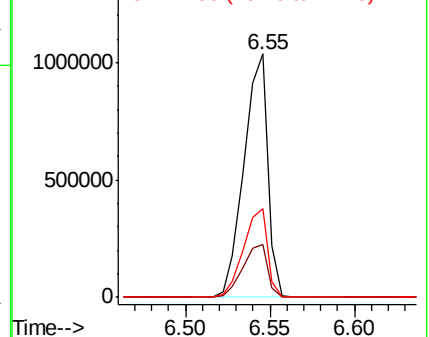
71 36.3 26.1 39.1



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: 10.601 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

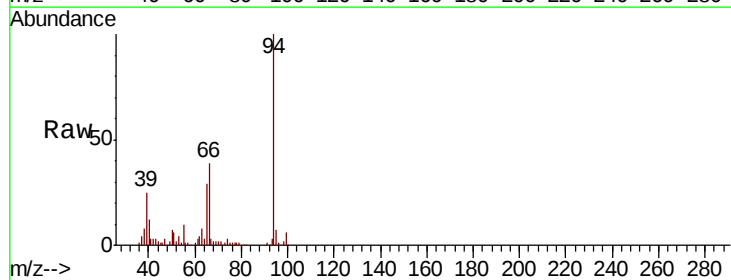
Tgt Ion: 94 Resp: 136511

Ion Ratio Lower Upper

94 100

65 29.4 11.7 51.7

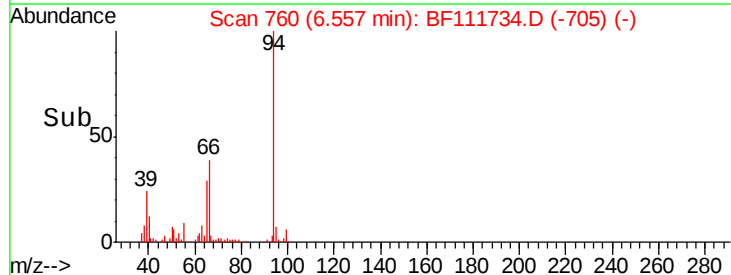
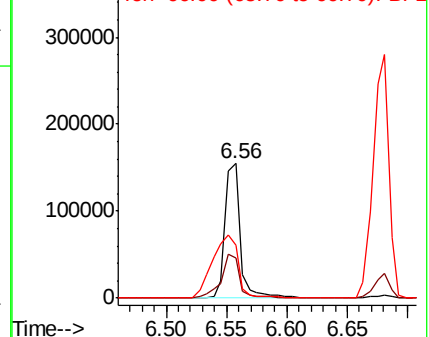
66 39.4 21.0 61.0

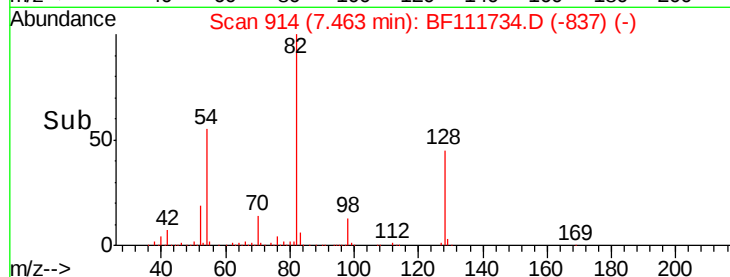
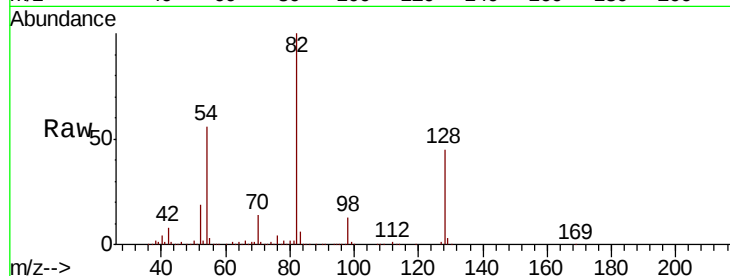
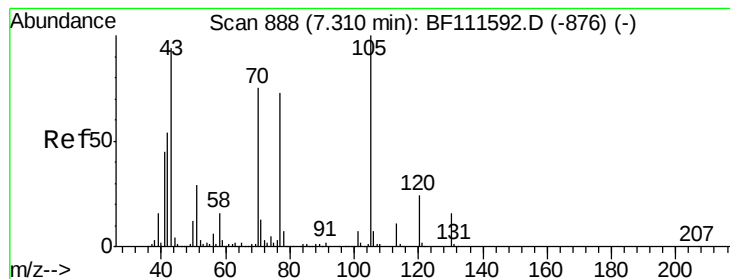


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 12.391 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 93920

Ion Ratio Lower Upper

70 100

42 55.3 53.2 79.8

101 0.0 8.2 12.4#

130 1.8 18.1 27.1#

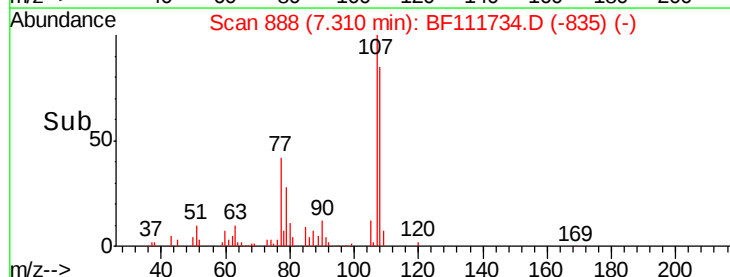
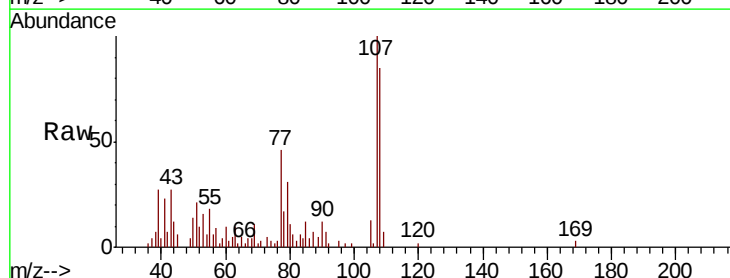
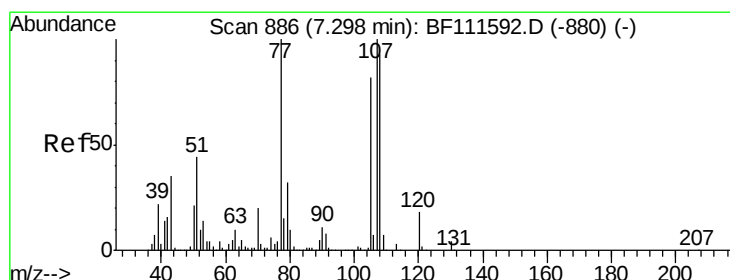
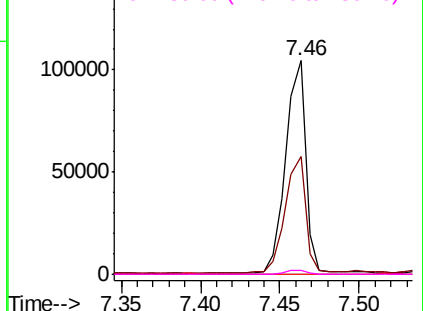
Abundance

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): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 2.187 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

Tgt Ion:107 Resp: 21978

Ion Ratio Lower Upper

107 100

108 84.9 72.1 112.1

77 45.8 94.1 134.1#

79 31.1 9.8 49.8

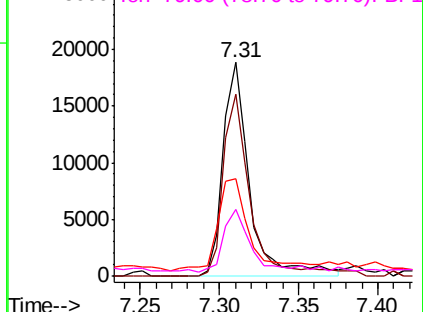
Abundance

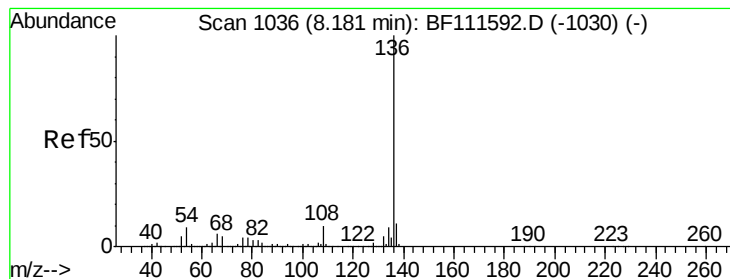
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 513478

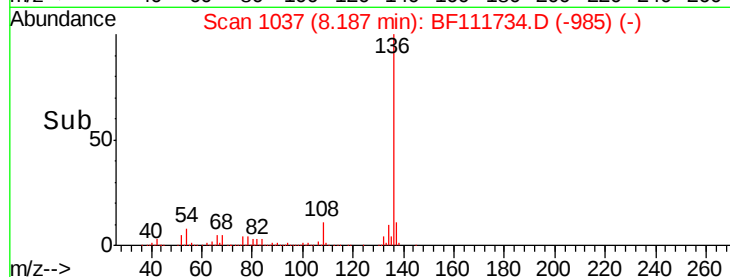
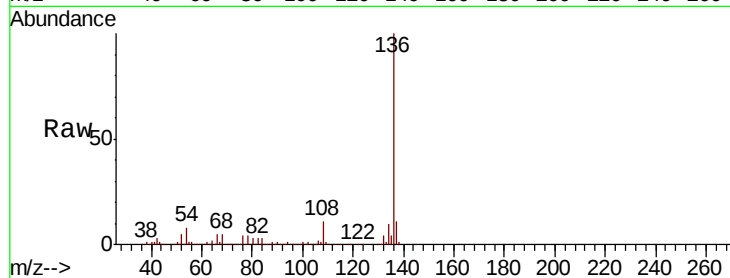
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.2 7.7 11.5

68 5.2 4.9 7.3

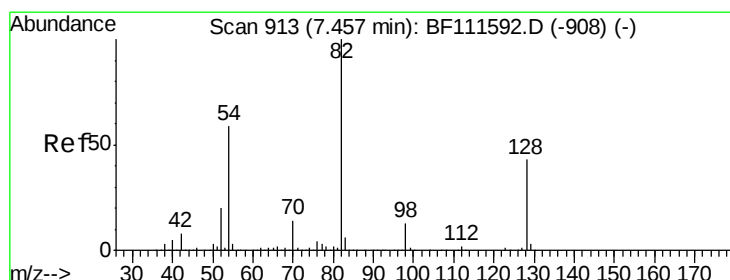
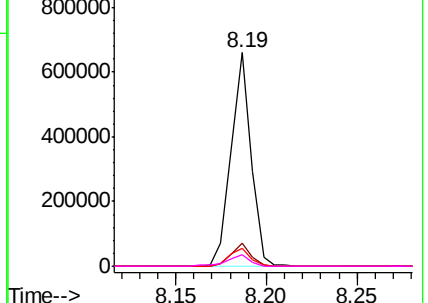


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.347 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

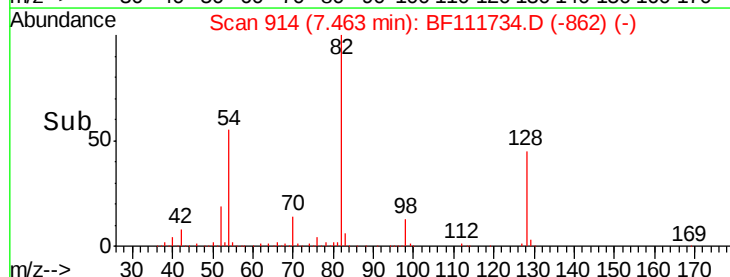
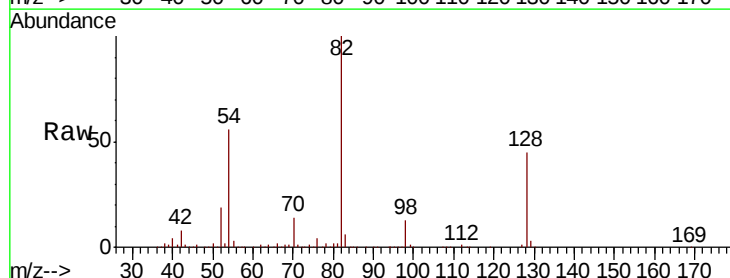
Tgt Ion: 82 Resp: 664673

Ion Ratio Lower Upper

82 100

128 44.6 37.4 56.2

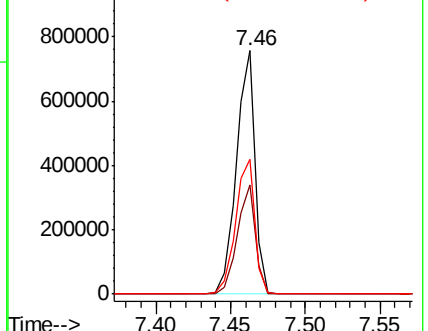
54 55.6 47.6 71.4

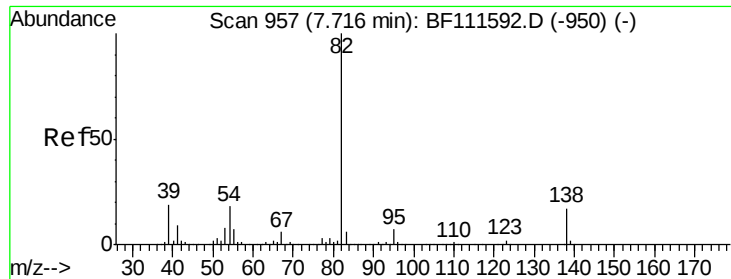


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.214 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.25 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

Instrument :

BNA_F

ClientSampleId :

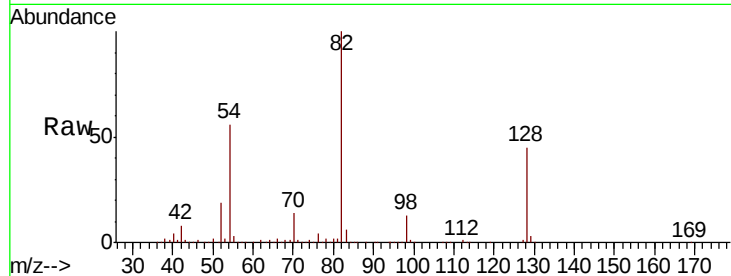
Tot Ion: 82 Resp: 661095

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

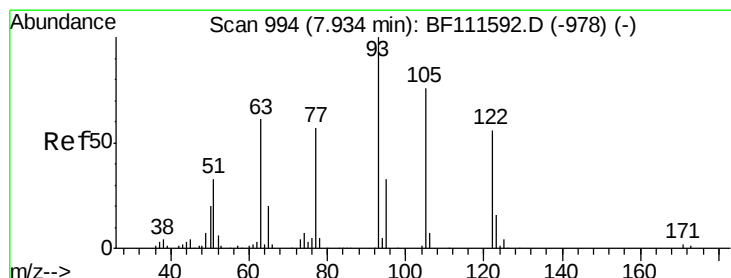
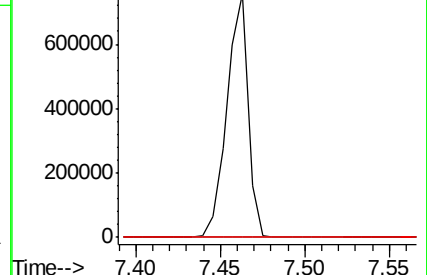
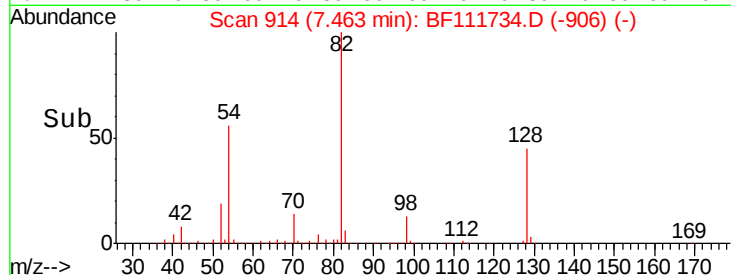
138 0.0 15.1 22.7#



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: 2.699 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.04 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

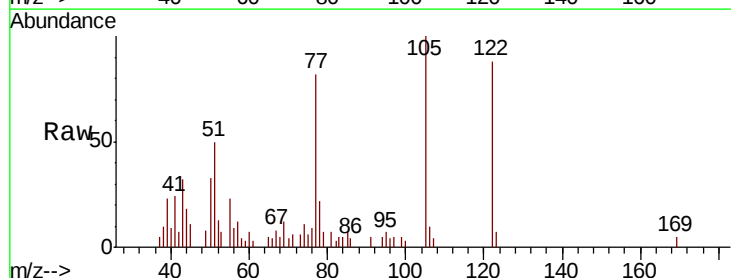
Tgt Ion: 122 Resp: 13190

Ion Ratio Lower Upper

122 100

105 113.9 97.0 137.0

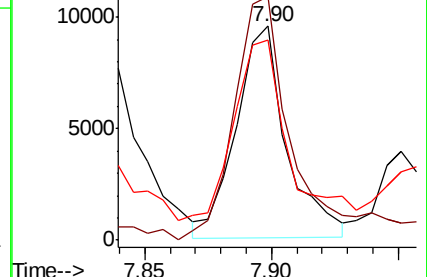
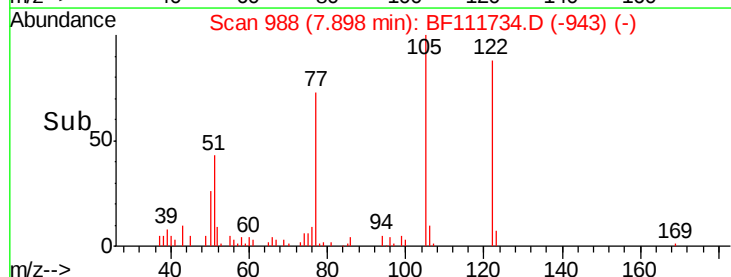
77 93.7 65.7 105.7

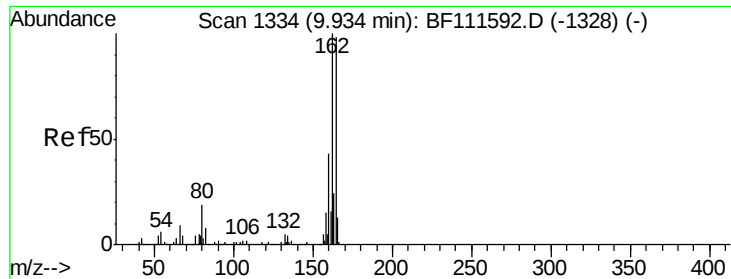


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

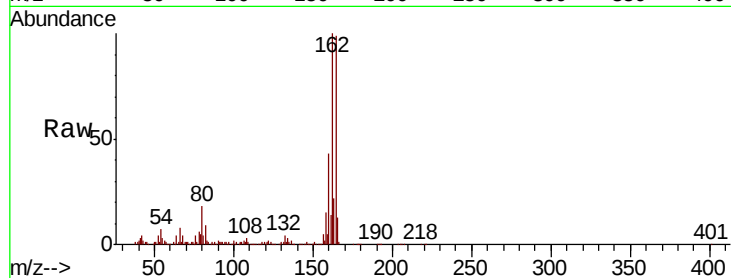




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111734.D
Acq: 27 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.0
160	42.9	35.7	53.5

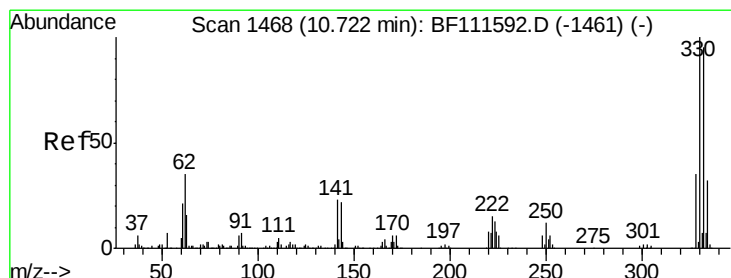
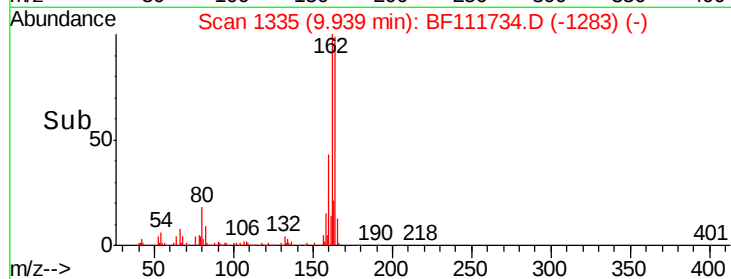
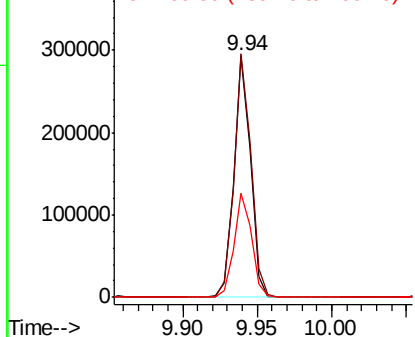


Abundance

Ion 164.00 (163.70 to 164.70): E

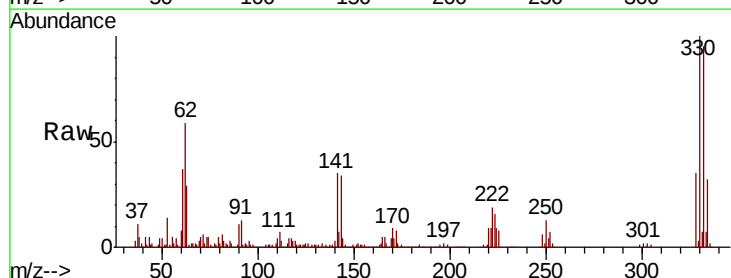
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 100.307 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111734.D
Acq: 27 Dec 2018 00:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.0	114.0
141	30.9	31.0	46.6#

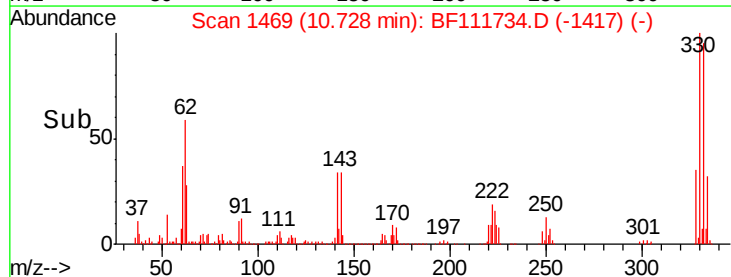
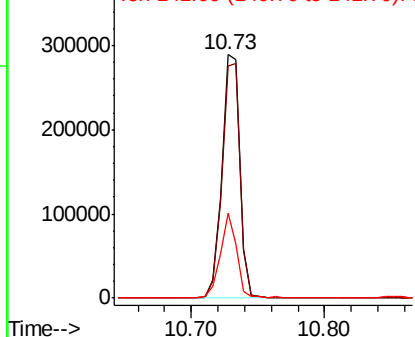


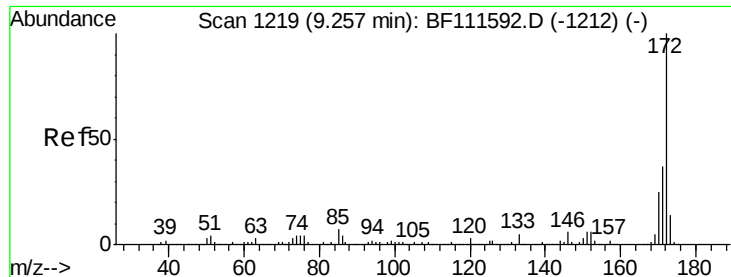
Abundance

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

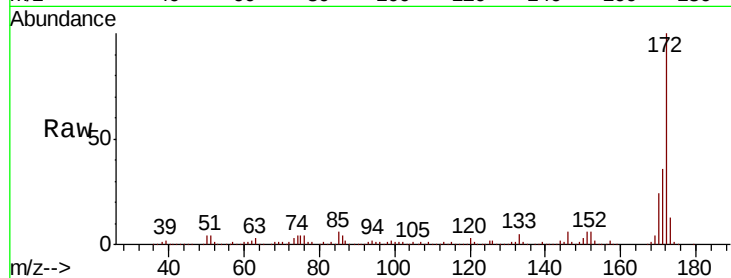




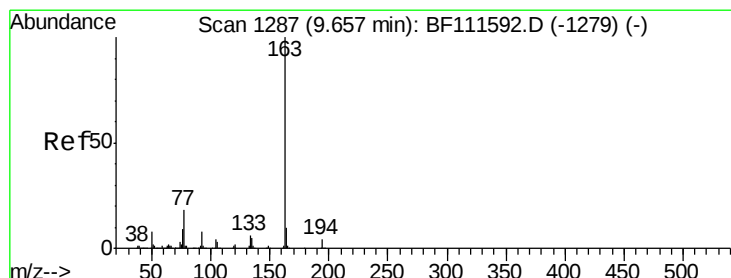
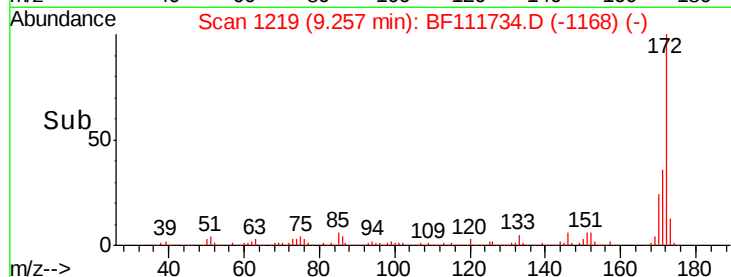
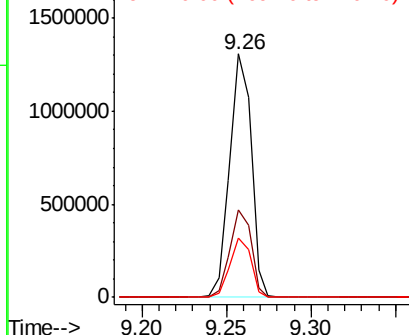
#45
2-Fluorobiphenyl
Concen: 72.597 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111734.D
Acq: 27 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1157154
Ion Ratio Lower Upper
172 100
171 35.7 33.0 49.4
170 24.1 22.3 33.5

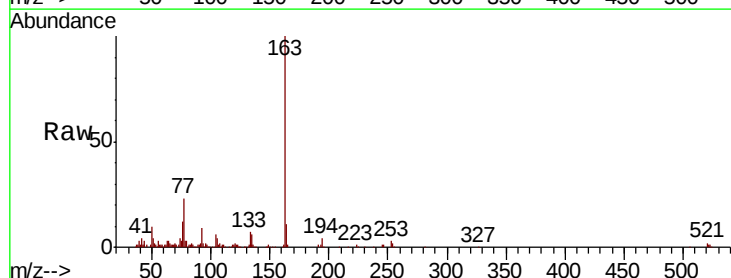


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

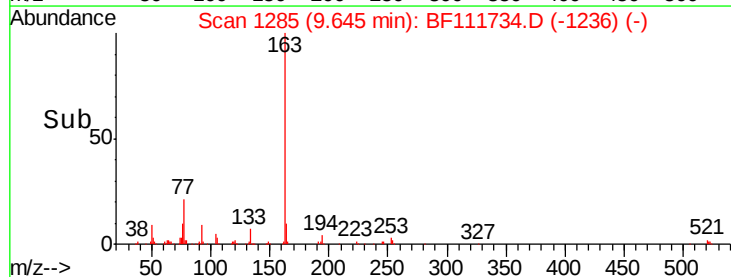
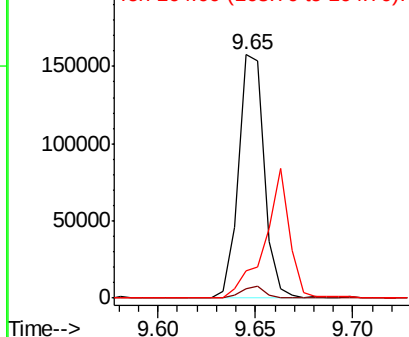


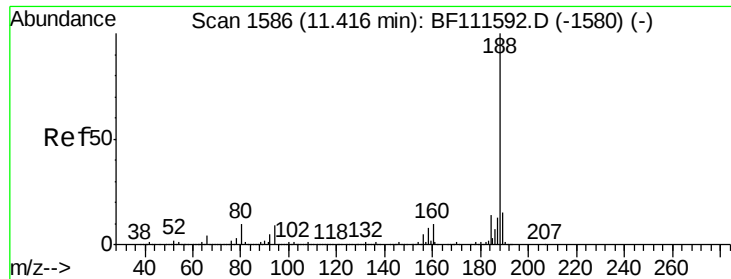
#50
Dimethylphthalate
Concen: 8.396 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111734.D
Acq: 27 Dec 2018 00:40

Tgt Ion:163 Resp: 142647
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 11.0 8.9 13.3



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

Instrument :

BNA_F

ClientSampleId :

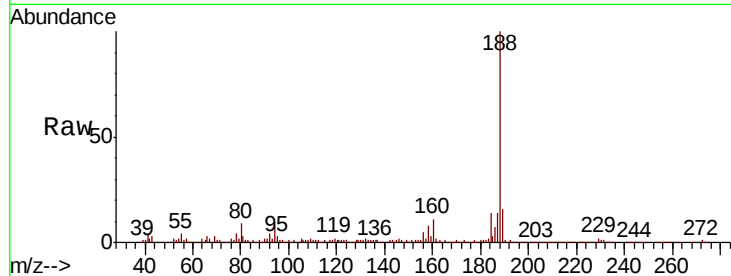
Tot Ion:188 Resp: 430512

Ion Ratio Lower Upper

188 100

94 8.3 9.6 14.4#

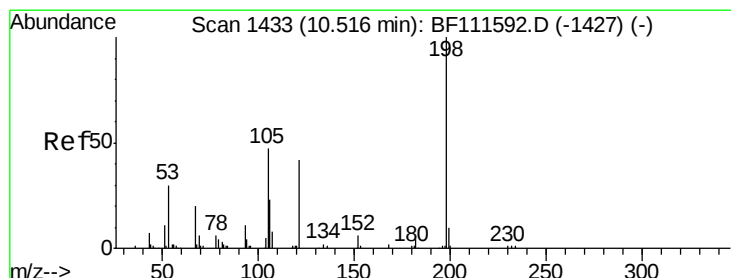
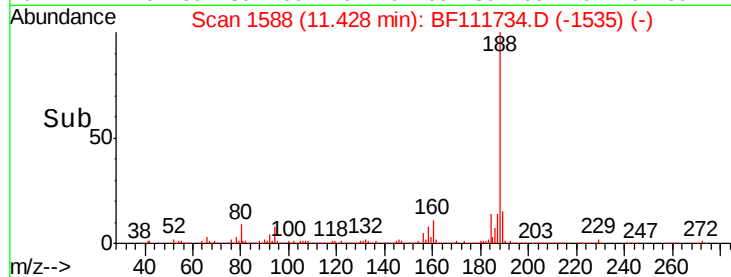
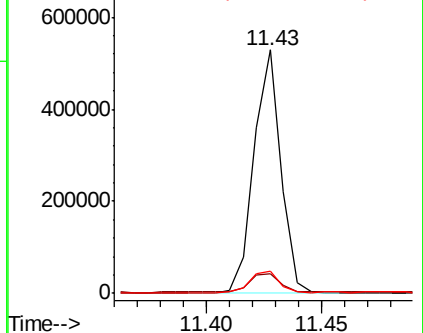
80 8.9 9.8 14.6#



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: 6.968 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.21 min

Lab File: BF111734.D

Acq: 27 Dec 2018 00:40

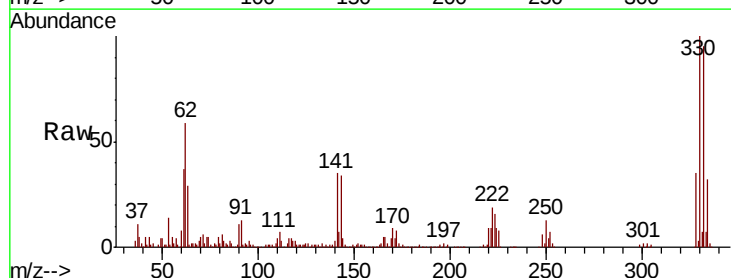
Tgt Ion:198 Resp: 569

Ion Ratio Lower Upper

198 100

51 390.3 48.0 88.0#

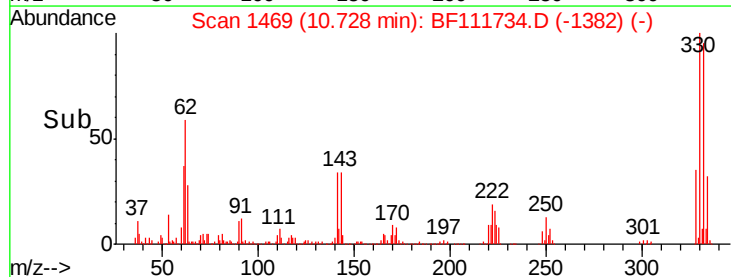
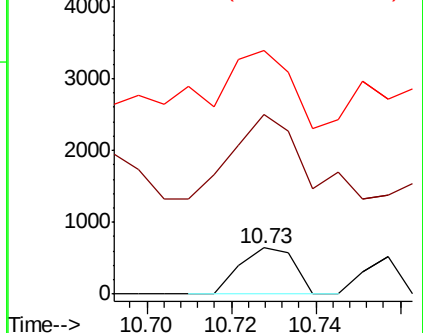
105 529.7 34.0 74.0#

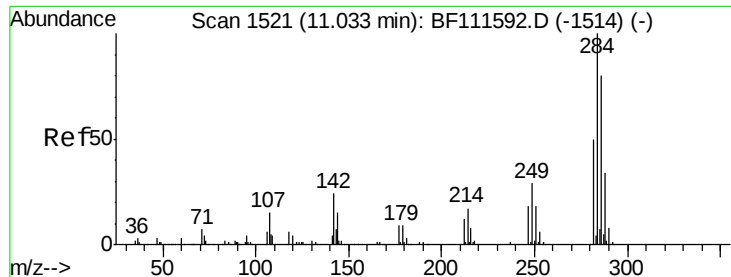


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

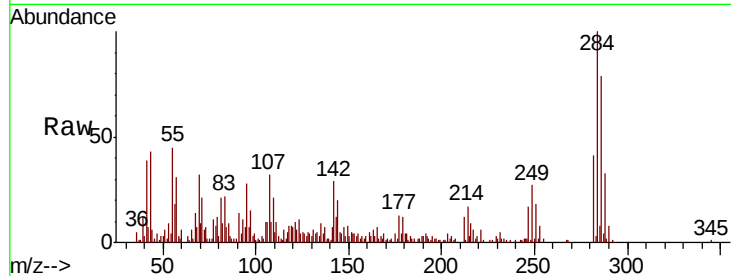




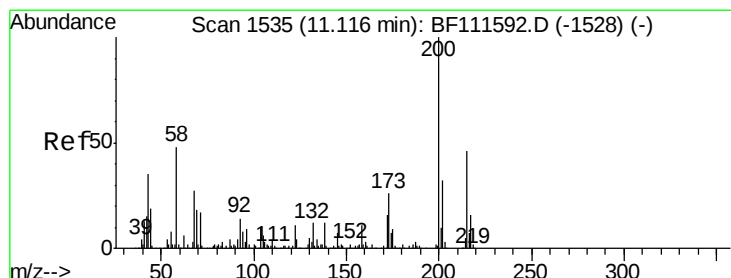
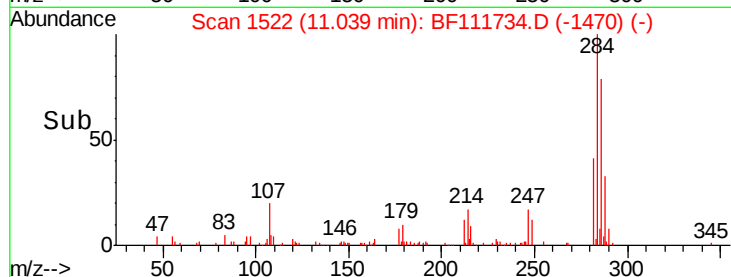
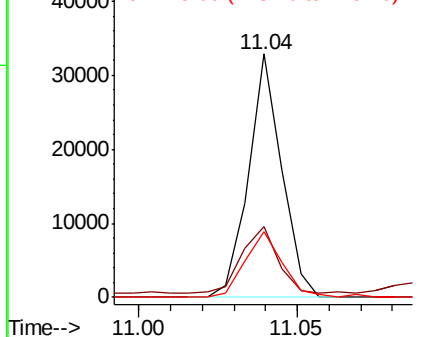
#68
Hexachlorobenzene
Concen: 4.003 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF111734.D
Acq: 27 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 23834
Ion Ratio Lower Upper
284 100
142 29.2 27.4 41.2
249 26.9 24.4 36.6

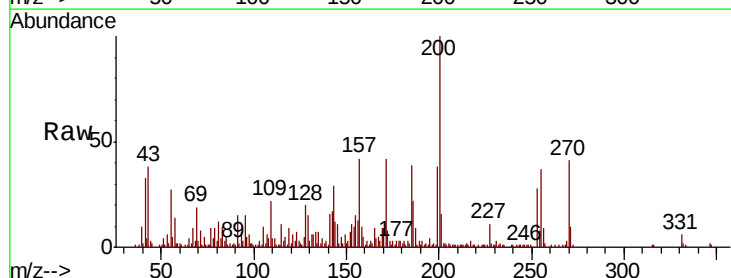


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

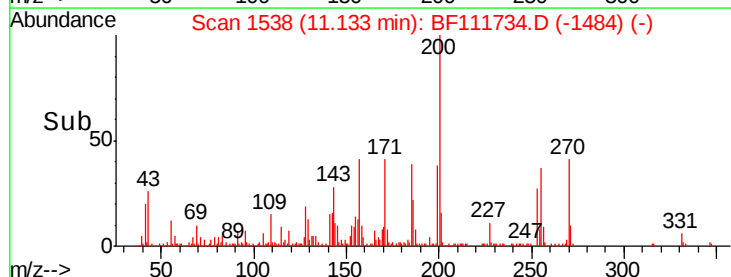
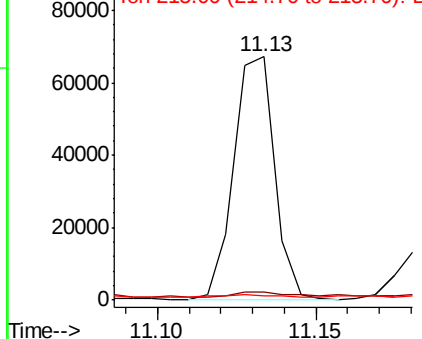


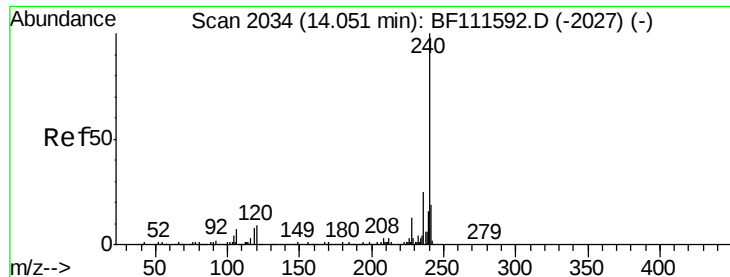
#69
Atrazine
Concen: 11.929 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.02 min
Lab File: BF111734.D
Acq: 27 Dec 2018 00:40

Tgt Ion:200 Resp: 59890
Ion Ratio Lower Upper
200 100
173 3.1 10.1 50.1#
215 1.9 26.9 66.9#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

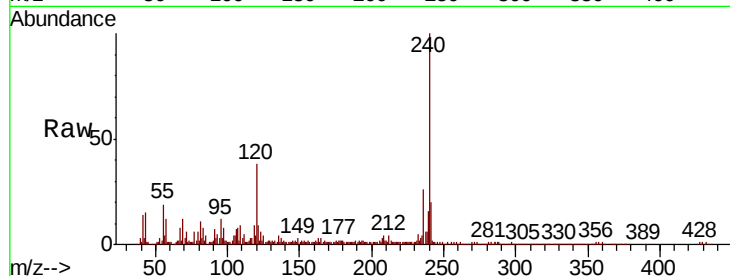




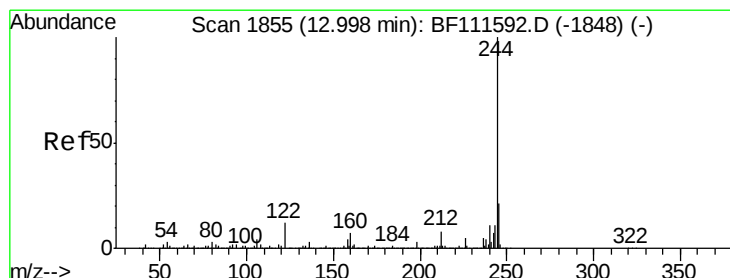
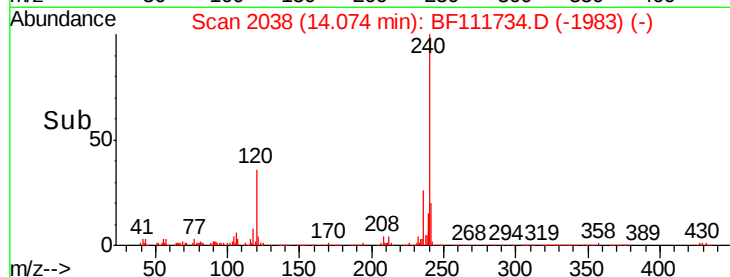
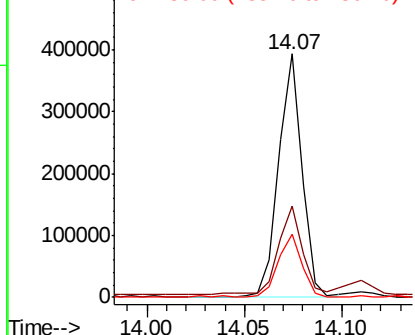
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.02 min
 Lab File: BF111734.D
 Acq: 27 Dec 2018 00:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 324243
 Ion Ratio Lower Upper
 240 100
 120 37.8 12.2 18.2#
 236 26.0 20.2 30.2

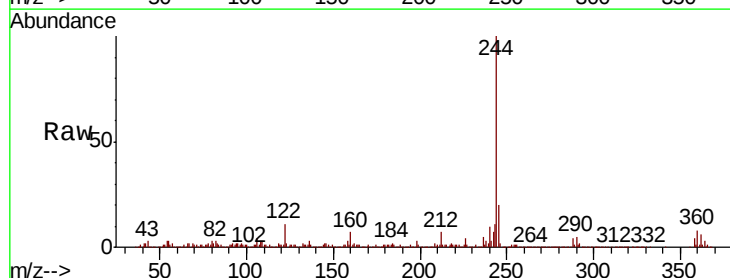


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

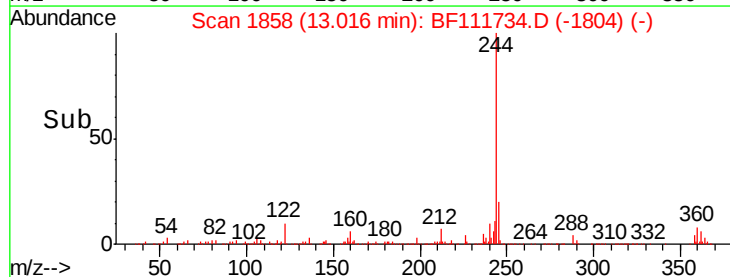
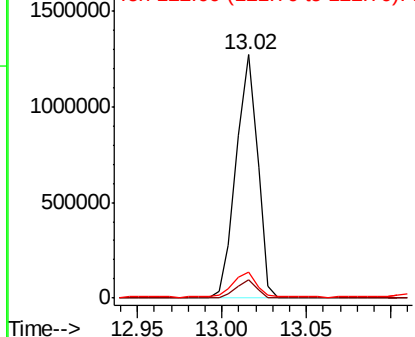


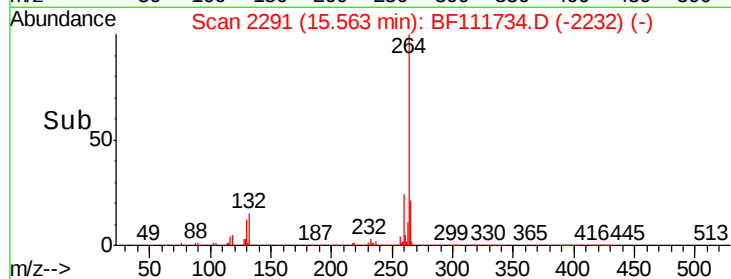
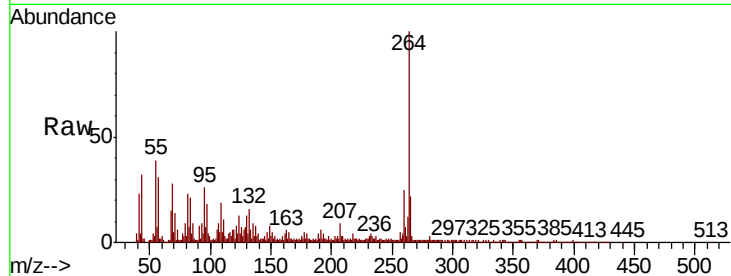
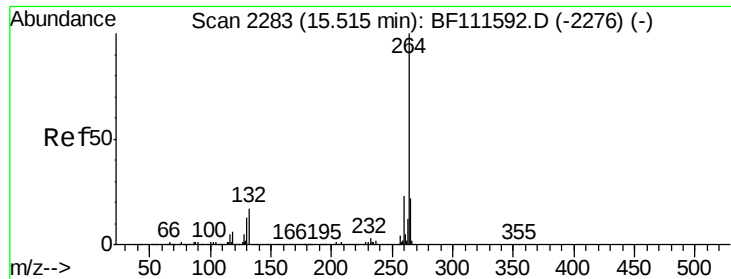
#79
 Terphenyl-d14
 Concen: 65.692 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. 0.02 min
 Lab File: BF111734.D
 Acq: 27 Dec 2018 00:40

Tgt Ion:244 Resp: 1123187
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 10.8 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: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF111734.D
Acq: 27 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.3	27.5
265	21.7	17.7	26.5

