

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
 Data File : BF112647.D
 Acq On : 21 Feb 2019 12:46
 Operator : JU/SJ
 Sample : K1546-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 15:32:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 21 12:57:17 2019
 Response via : Initial Calibration

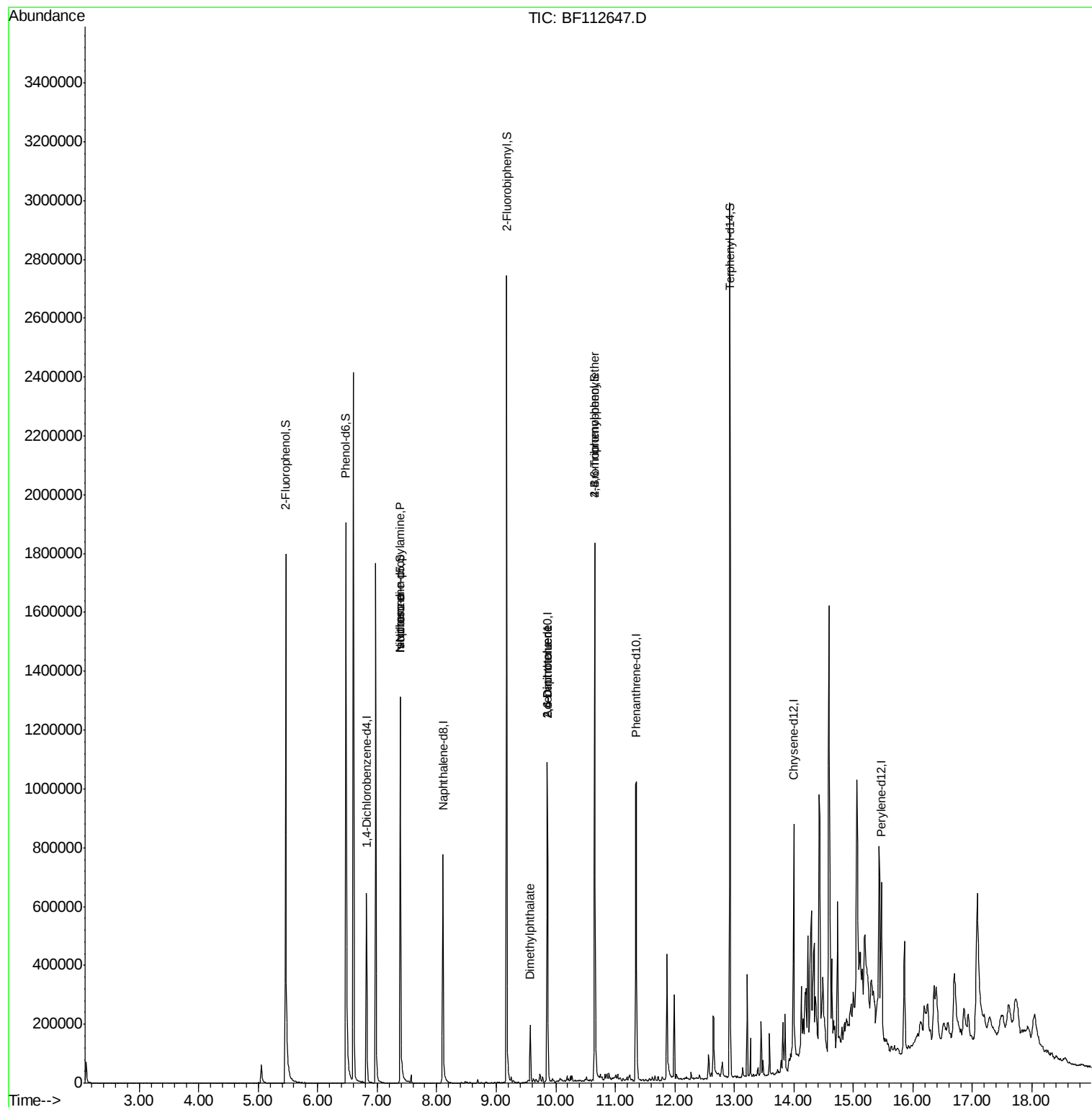
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	103964	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	424123	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	214863	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	427251	20.00	ng	0.00
76) Chrysene-d12	14.00	240	291725	20.00	ng	0.00
87) Perylene-d12	15.47	264	245742	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	586774	119.88	ng	0.00
7) Phenol-d6	6.47	99	739298	108.70	ng	0.00
23) Nitrobenzene-d5	7.39	82	484538	65.83	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	256851	102.70	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	856836	56.40	ng	0.00
79) Terphenyl-d14	12.93	244	956346	61.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	63851	13.615	ng	# 77
25) Isophorone	7.39	82	484534	41.960	ng	# 63
50) Dimethylphthalate	9.57	163	84821	5.081	ng	# 99
51) 2,6-Dinitrotoluene	9.86	165	27445	7.341	ng	# 34
57) 2,4-Dinitrotoluene	9.86	165	27445	5.766	ng	# 31
67) 4-Bromophenyl-phenylether	10.66	248	15372	3.059	ng	# 1

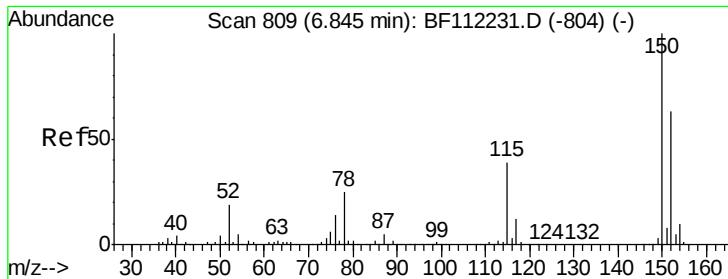
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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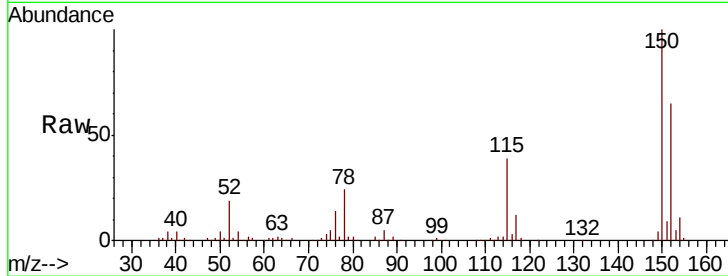


#1

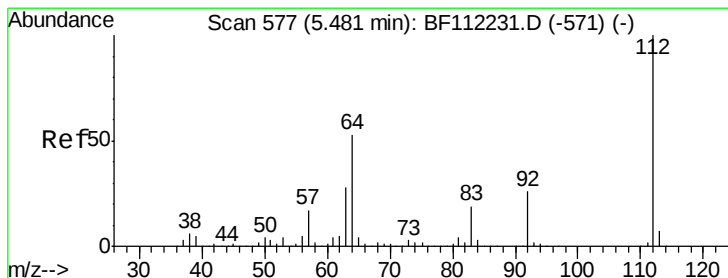
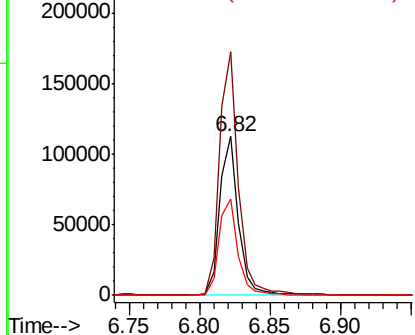
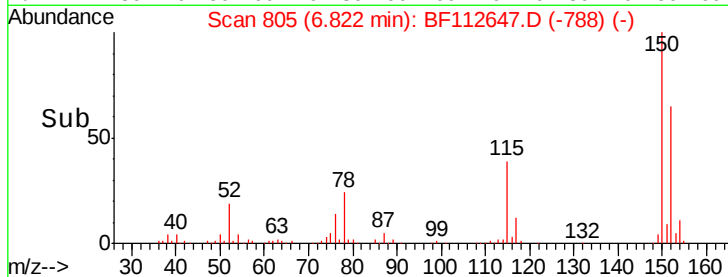
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF112647.D
Acq: 21 Feb 2019 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103964
Ion Ratio Lower Upper
152 100
150 153.5 127.4 191.0
115 60.4 45.5 68.3



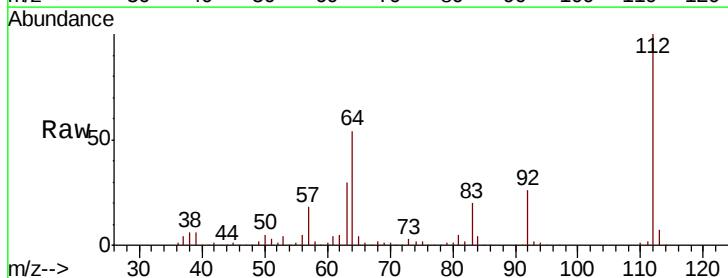
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



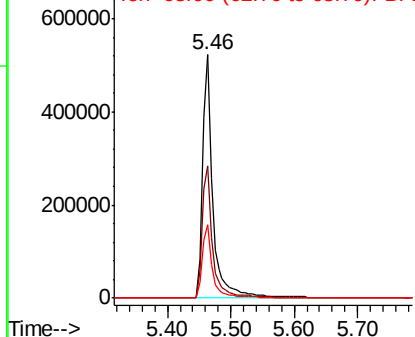
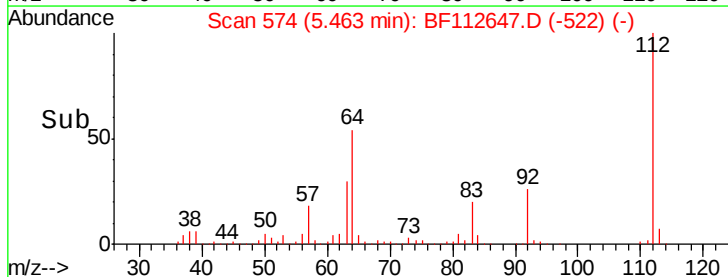
#5

2-Fluorophenol
Concen: 119.883 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF112647.D
Acq: 21 Feb 2019 12:46

Tgt Ion:112 Resp: 586774
Ion Ratio Lower Upper
112 100
64 54.2 45.7 68.5
63 30.3 23.6 35.4



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: 108.700 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF112647.D

Acq: 21 Feb 2019 12:46

Instrument :

BNA_F

ClientSampled :

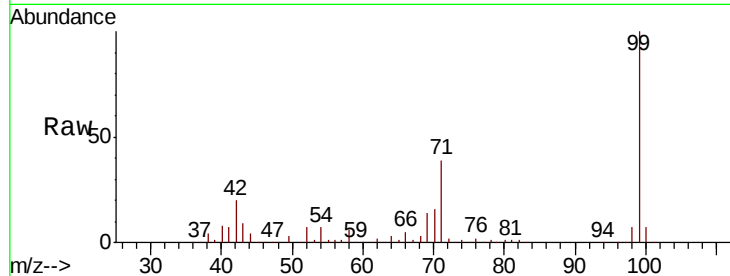
Tot Ion: 99 Resp: 739298

Ion Ratio Lower Upper

99 100

42 19.6 15.1 22.7

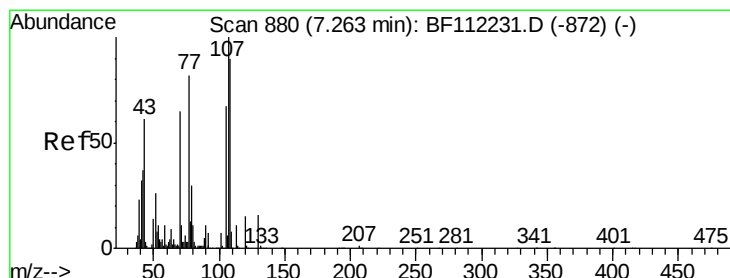
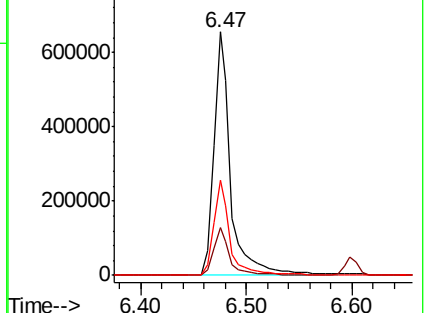
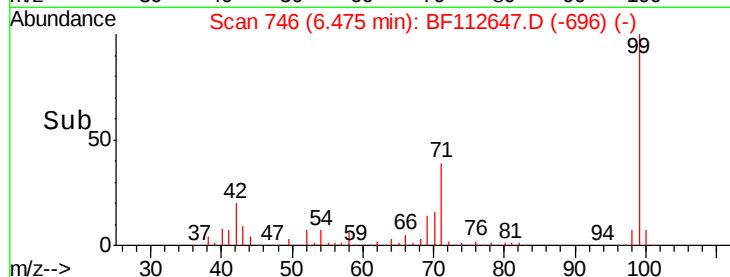
71 39.2 26.9 40.3



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: 13.615 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.14 min

Lab File: BF112647.D

Acq: 21 Feb 2019 12:46

Tgt Ion: 70 Resp: 63851

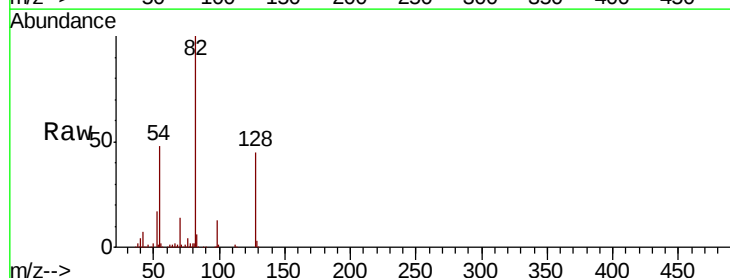
Ion Ratio Lower Upper

70 100

42 48.4 47.6 71.4

101 0.0 7.9 11.9#

130 2.2 18.4 27.6#

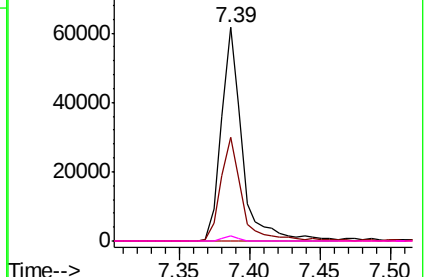
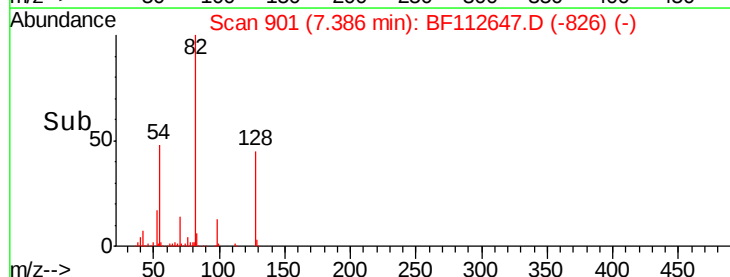


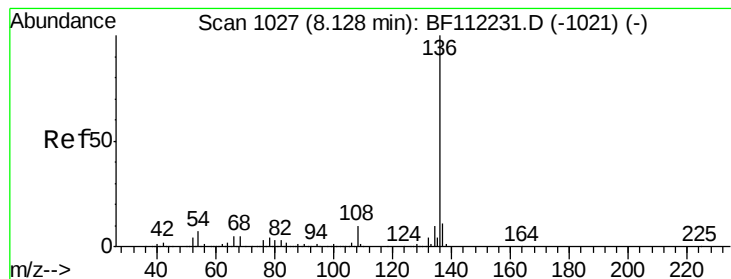
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF112647.D

Acq: 21 Feb 2019 12:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 424123

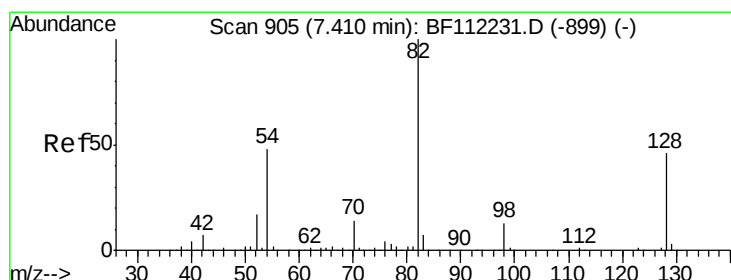
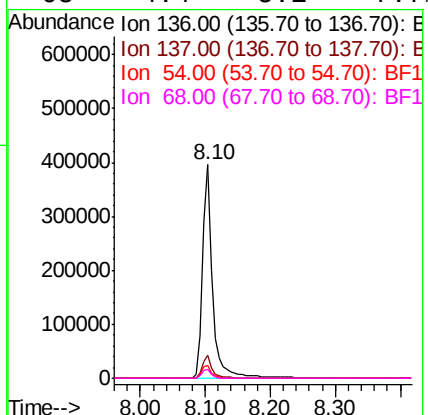
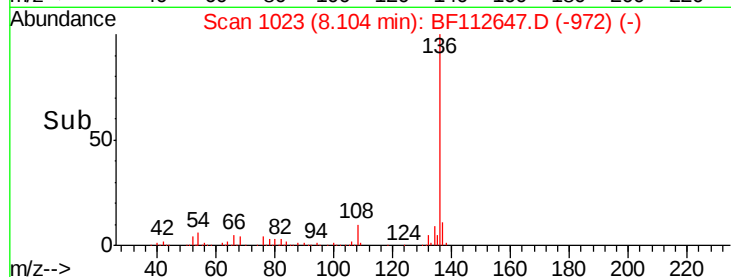
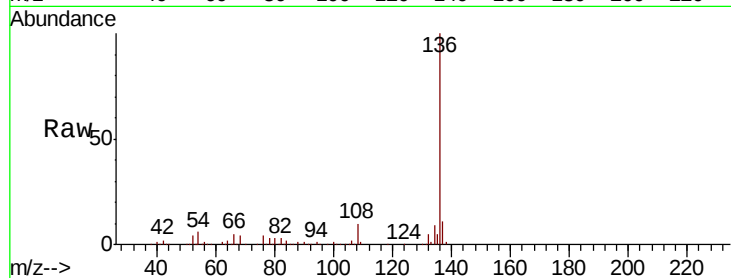
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.9 5.9 8.9#

68 4.4 5.1 7.7#



#23

Nitrobenzene-d5

Concen: 65.828 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF112647.D

Acq: 21 Feb 2019 12:46

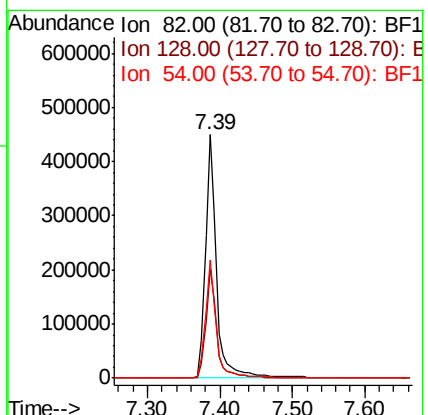
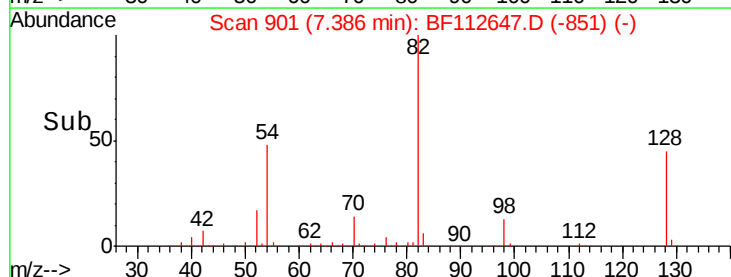
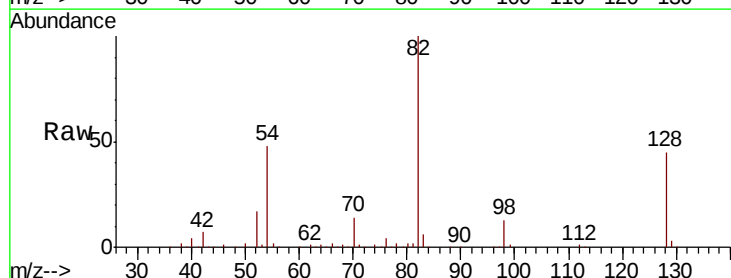
Tgt Ion: 82 Resp: 484538

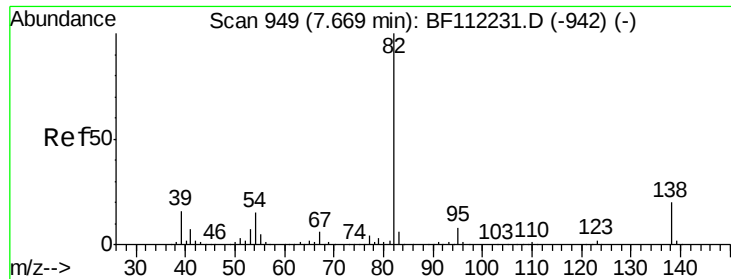
Ion Ratio Lower Upper

82 100

128 45.1 37.8 56.8

54 48.4 39.7 59.5





#25

Isophorone

Concen: 41.960 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.26 min

Lab File: BF112647.D

Acq: 21 Feb 2019 12:46

Instrument :

BNA_F

ClientSampleId :

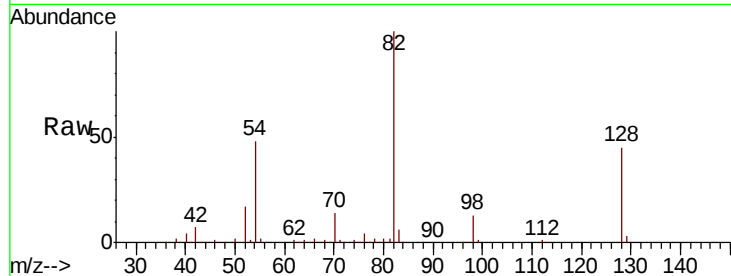
Tot Ion: 82 Resp: 484534

Ion Ratio Lower Upper

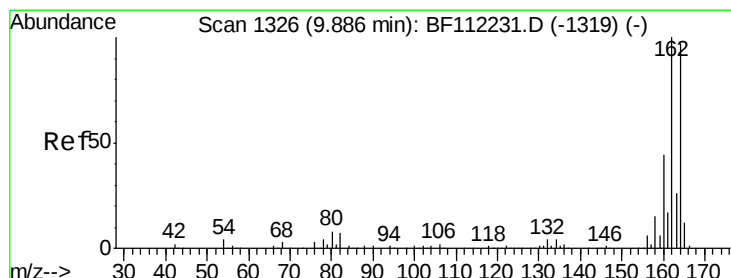
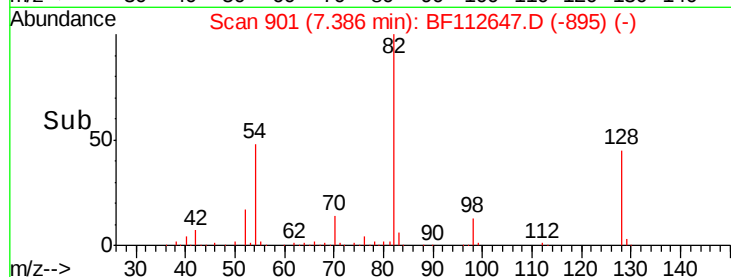
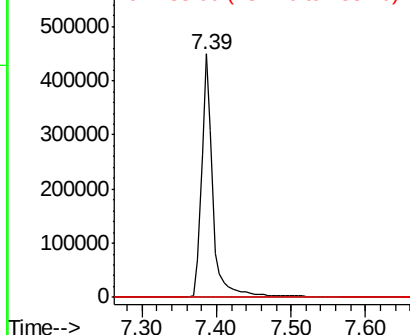
82 100

95 0.0 5.7 8.5#

138 0.0 15.4 23.0#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF112647.D

Acq: 21 Feb 2019 12:46

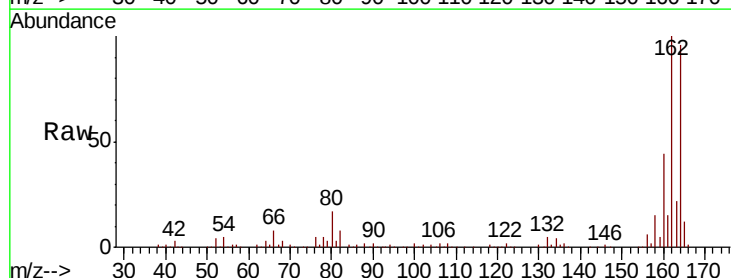
Tgt Ion: 164 Resp: 214863

Ion Ratio Lower Upper

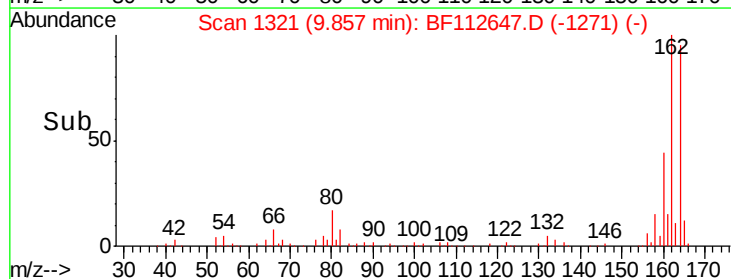
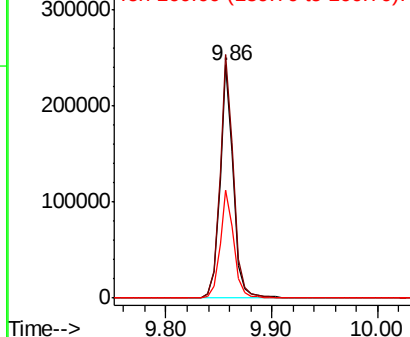
164 100

162 104.6 82.2 123.4

160 46.4 36.2 54.4



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: 102.702 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF112647.D

Acq: 21 Feb 2019 12:46

Instrument :

BNA_F

ClientSampleId :

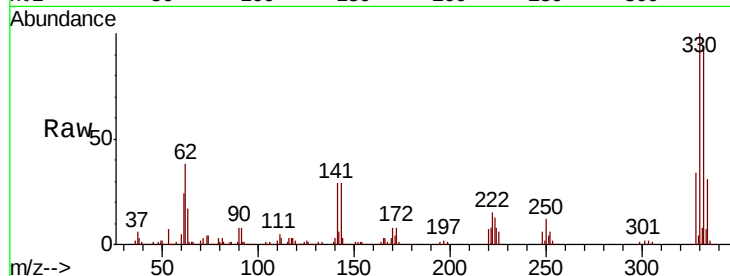
Tot Ion:330 Resp: 256851

Ion Ratio Lower Upper

330 100

332 95.9 76.6 114.8

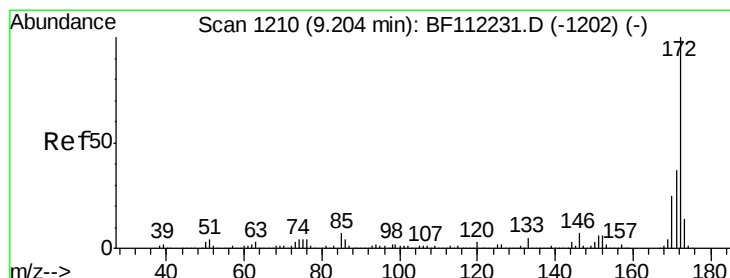
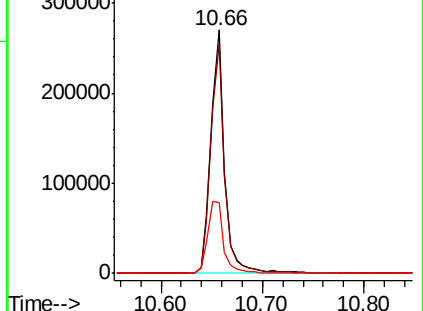
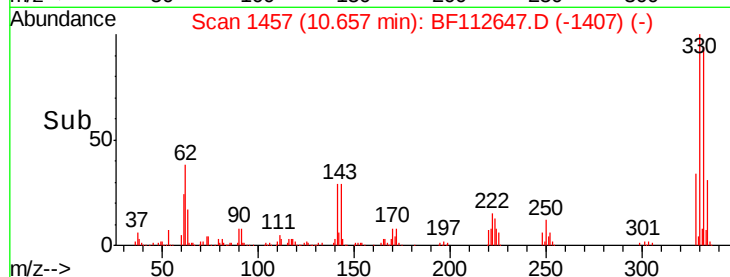
141 34.1 24.3 36.5



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: 56.401 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF112647.D

Acq: 21 Feb 2019 12:46

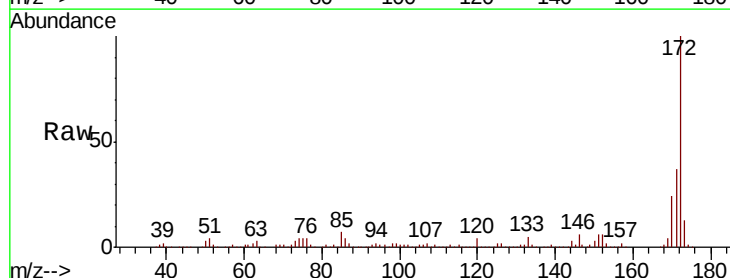
Tgt Ion:172 Resp: 856836

Ion Ratio Lower Upper

172 100

171 36.9 30.5 45.7

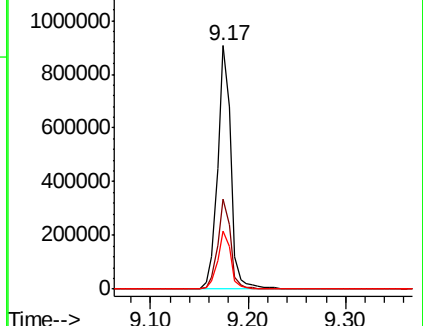
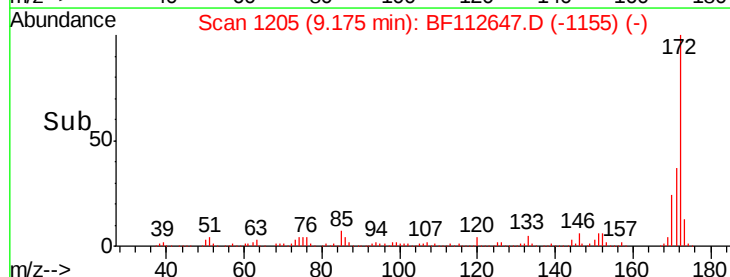
170 24.0 20.2 30.4

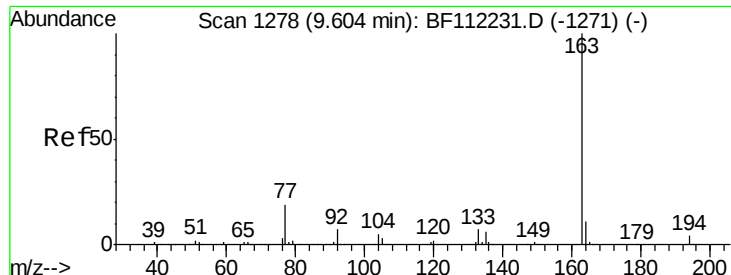


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

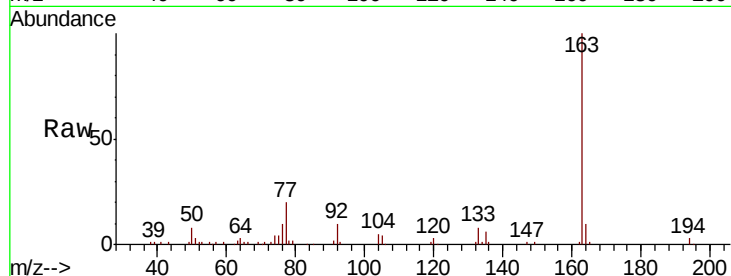




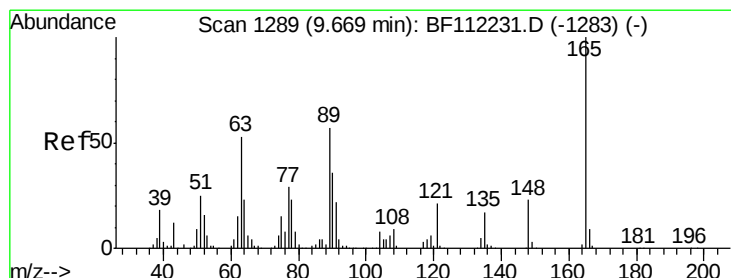
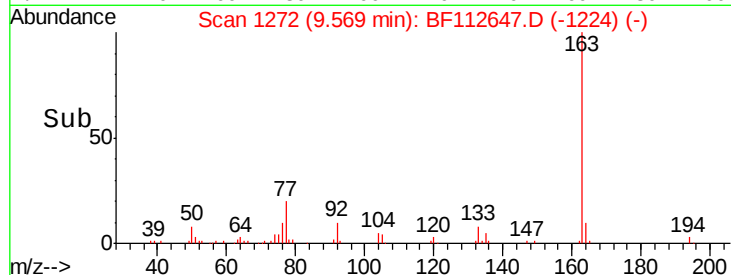
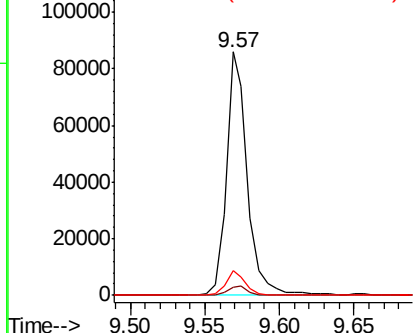
#50
Dimethylphthalate
Concen: 5.081 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF112647.D
Acq: 21 Feb 2019 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.3	4.9
164	10.2	8.5	12.7

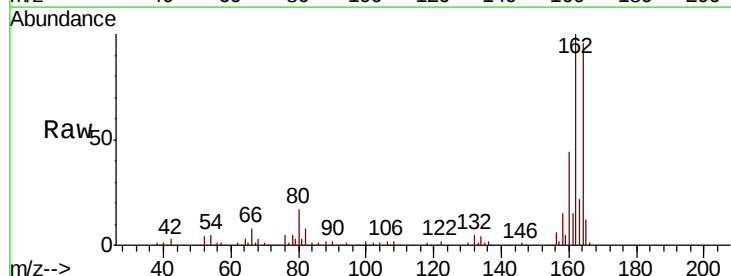


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

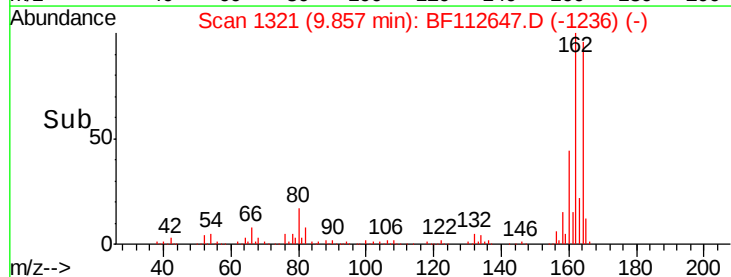
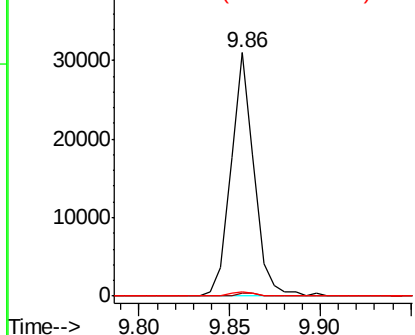


#51
2,6-Dinitrotoluene
Concen: 7.341 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.20 min
Lab File: BF112647.D
Acq: 21 Feb 2019 12:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.8	50.8#
89	1.5	36.9	55.3#



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

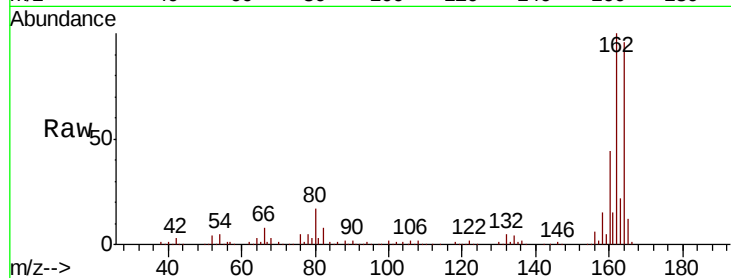




#57
 2,4-Dinitrotoluene
 Concen: 5.766 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.22 min
 Lab File: BF112647.D
 Acq: 21 Feb 2019 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.9	41.9#
89	1.5	47.9	71.9#
182	0.0	2.2	3.4#

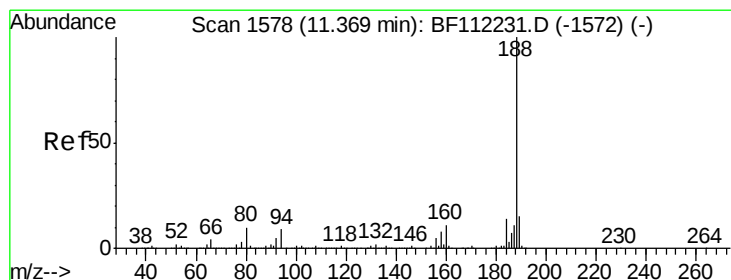
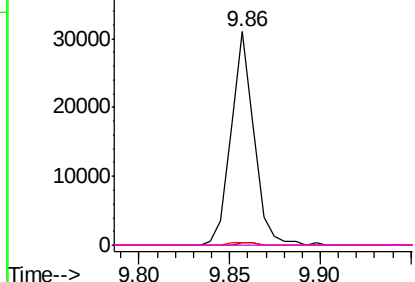
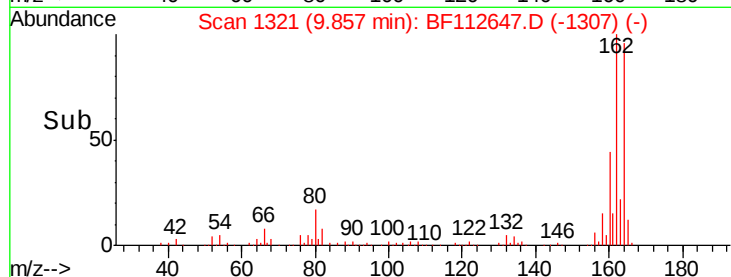


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

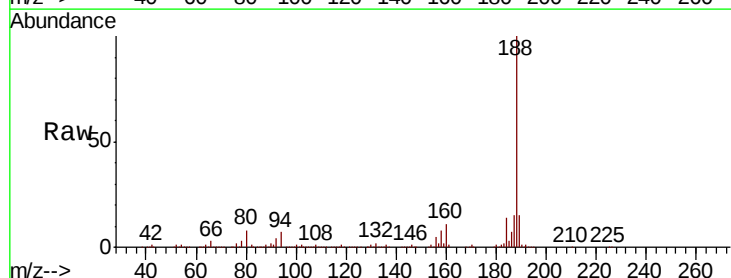
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF112647.D
 Acq: 21 Feb 2019 12:46

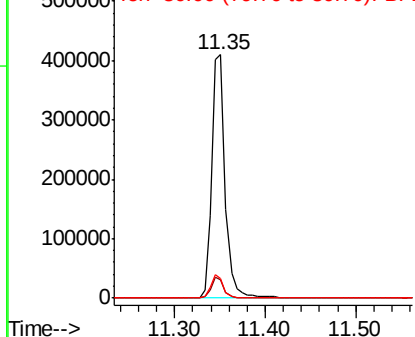
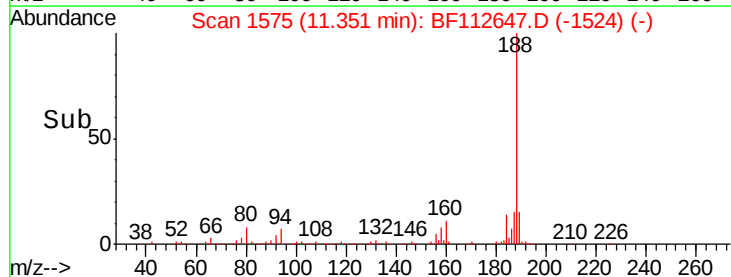
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.2	12.2#
80	7.9	8.9	13.3#

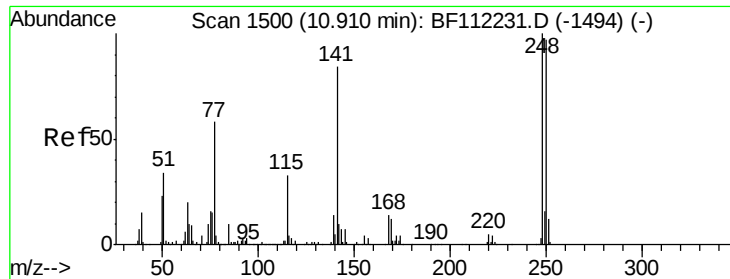


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

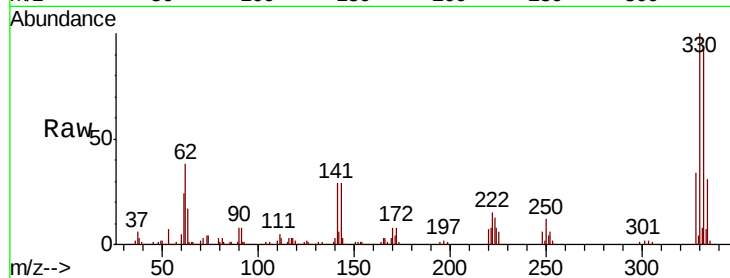




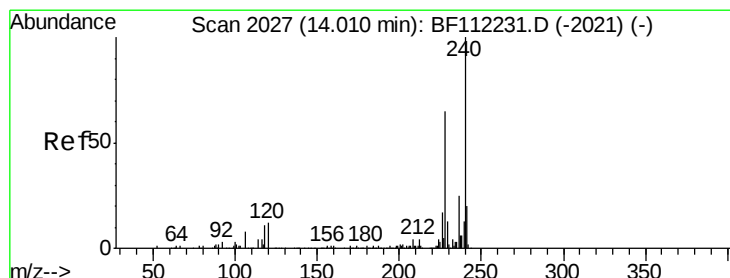
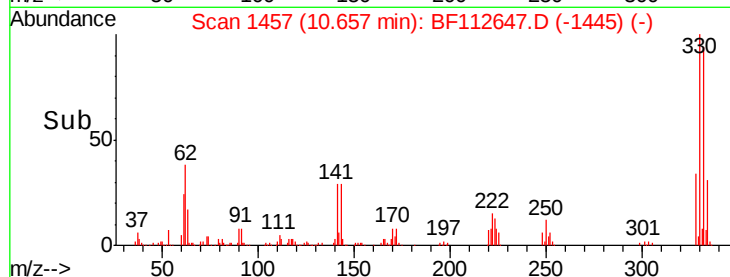
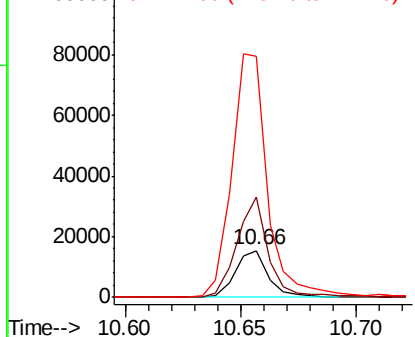
#67
4-Bromophenyl-phenylether
Concen: 3.059 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.23 min
Lab File: BF112647.D
Acq: 21 Feb 2019 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15372
Ion Ratio Lower Upper
248 100
250 212.0 79.7 119.5#
141 511.2 60.3 90.5#

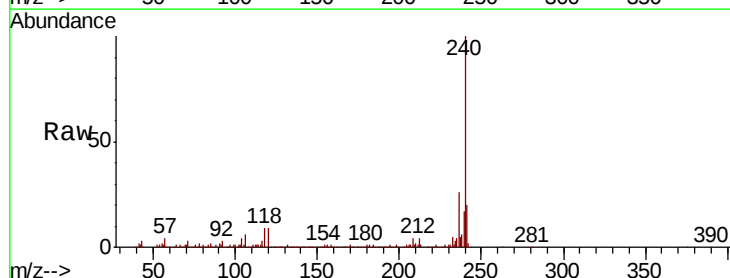


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

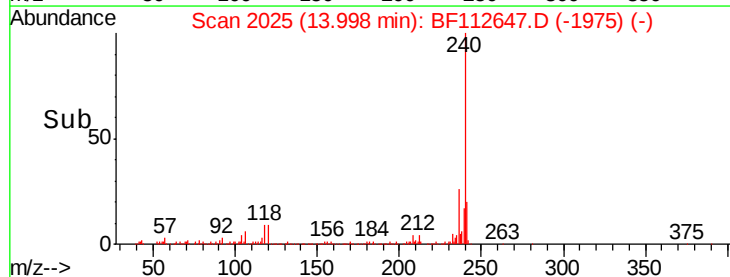
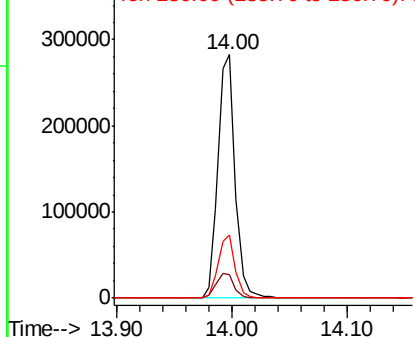


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112647.D
Acq: 21 Feb 2019 12:46

Tgt Ion:240 Resp: 291725
Ion Ratio Lower Upper
240 100
120 9.4 9.0 13.6
236 25.7 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

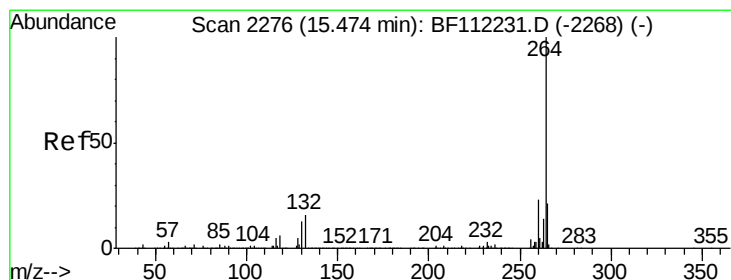
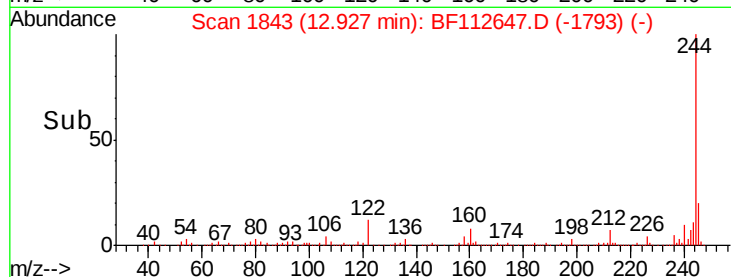
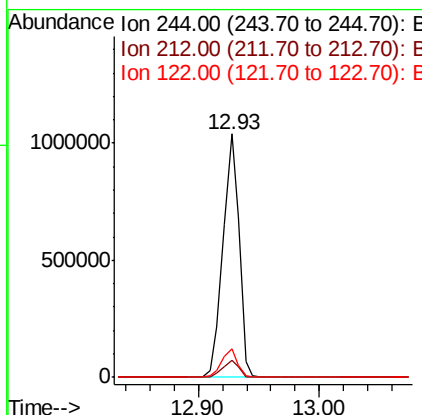
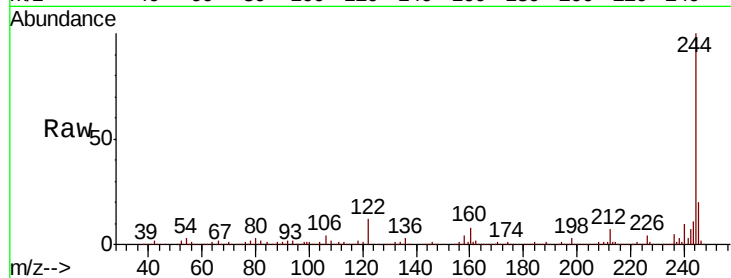




#79
 Terphenyl-d14
 Concen: 61.744 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF112647.D
 Acq: 21 Feb 2019 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 956346
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.9 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BF112647.D
 Acq: 21 Feb 2019 12:46

Tgt Ion:264 Resp: 245742
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.2
 265 20.6 17.0 25.4

