

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114727.D
 Acq On : 1 Jun 2019 00:34
 Operator : HP/JU
 Sample : K3080-01RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MASONRY-COMPOSITERX

Quant Time: Jun 01 01:51:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	443363	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1268368	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	516610	20.00	ng	0.02
64) Phenanthrene-d10	11.22	188	1048879	20.00	ng	0.02
76) Chrysene-d12	13.82	240	895648	20.00	ng	0.00
87) Perylene-d12	15.20	264	881466	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	389798	15.44	ng	0.00
7) Phenol-d6	6.33	99	1959761	64.40	ng	0.00
23) Nitrobenzene-d5	7.26	82	1727496	84.97	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	9410	1.91	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	2554101	94.70	ng	0.01
79) Terphenyl-d14	12.79	244	2600970	54.60	ng	0.00

Target Compounds

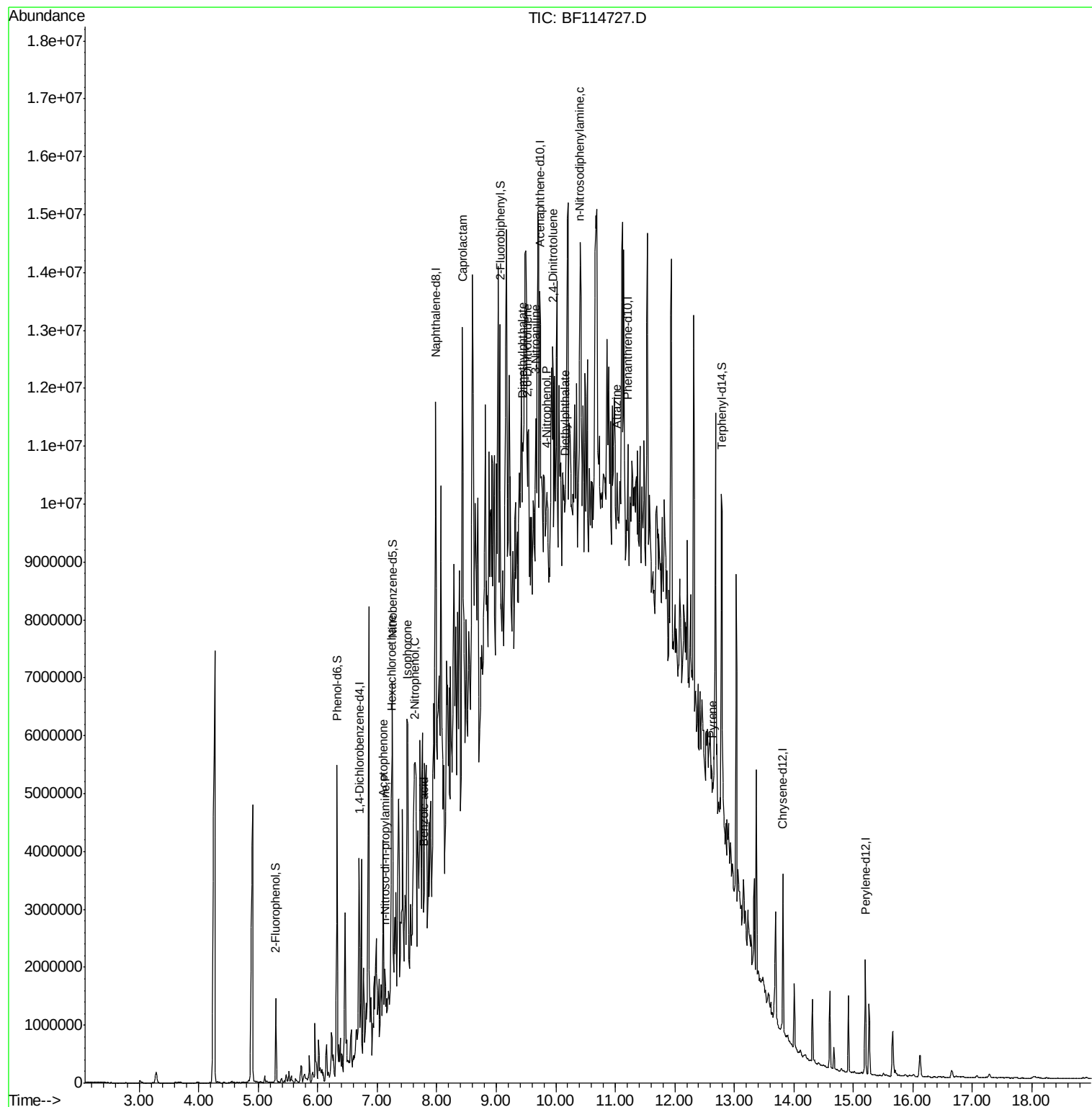
						Qvalue
9) Benzaldehyde	6.23	77	7310	Below Cal	#	30
18) Hexachloroethane	7.24	117	82321	6.523 ng	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	64898	3.090 ng	#	67
22) Acetophenone	7.10	105	325268	12.036 ng	#	56
25) Isophorone	7.52	82	260859	6.394 ng	#	1
26) 2-Nitrophenol	7.62	139	21771	2.071 ng	#	1
32) Benzoic acid	7.78	122	27836	2.451 ng	#	3
35) Caprolactam	8.43	113	256687	42.743 ng	#	46
50) Dimethylphthalate	9.45	163	445204	12.367 ng	#	94
51) 2,6-Dinitrotoluene	9.52	165	41872	5.006 ng	#	81
53) 3-Nitroaniline	9.66	138	52394	5.118 ng	#	42
56) 4-Nitrophenol	9.85	139	35105	4.627 ng	#	1
57) 2,4-Dinitrotoluene	9.95	165	38334	3.571 ng	#	65
58) Fluorene	10.27	166	47994	Below Cal	#	12
60) Diethylphthalate	10.15	149	81857	2.226 ng	#	22
61) 4-Chlorophenyl-phenylether	10.30	204	8282	Below Cal	#	1
66) n-Nitrosodiphenylamine	10.40	169	375399	12.114 ng	#	41
69) Atrazine	11.03	200	127865	10.863 ng		70
74) Di-n-butylphthalate	11.70	149	7723	Below Cal	#	1
78) Pyrene	12.64	202	268922	3.549 ng		94

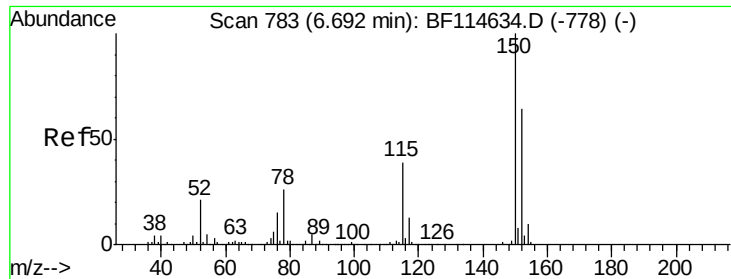
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 01 01:51:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
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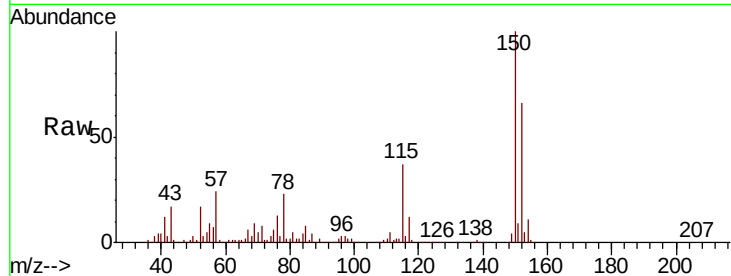


#1

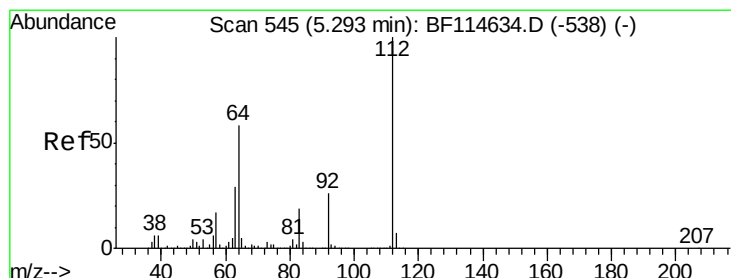
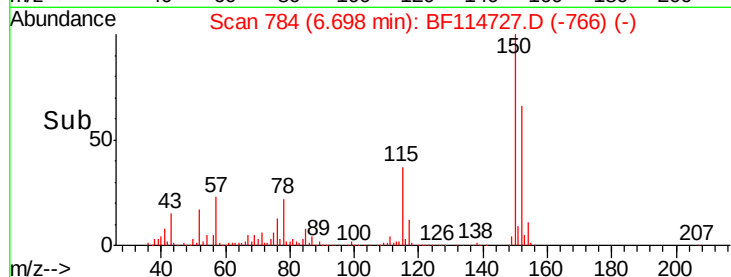
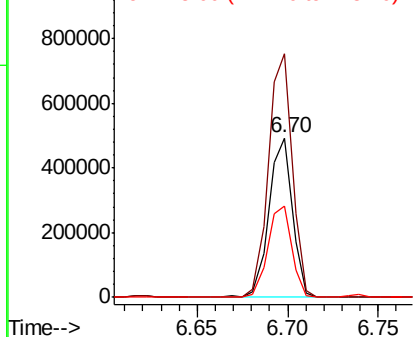
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114727.D
Acq: 1 Jun 2019 00:34

Instrument :
BNA_F
ClientSampleId :
MASONRY-COMPOSITERX

Tgt Ion:152 Resp: 443363
Ion Ratio Lower Upper
152 100
150 152.6 124.4 186.6
115 56.9 48.7 73.1



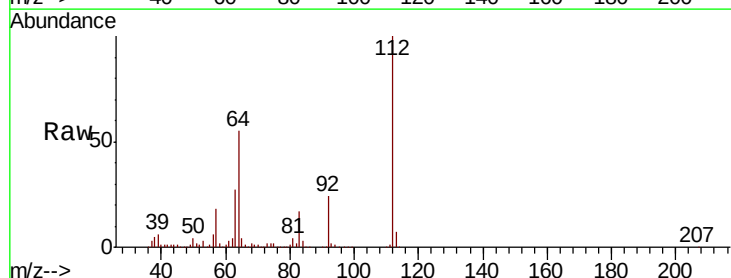
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



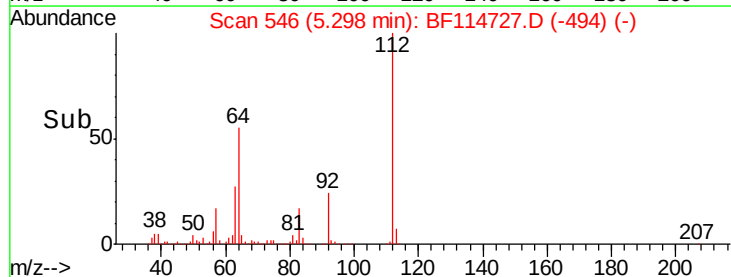
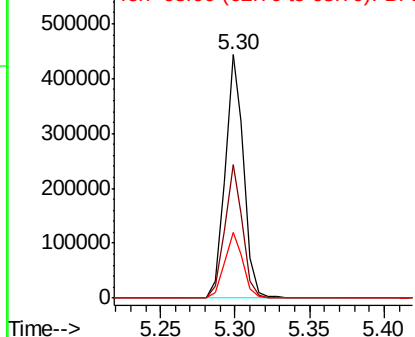
#5

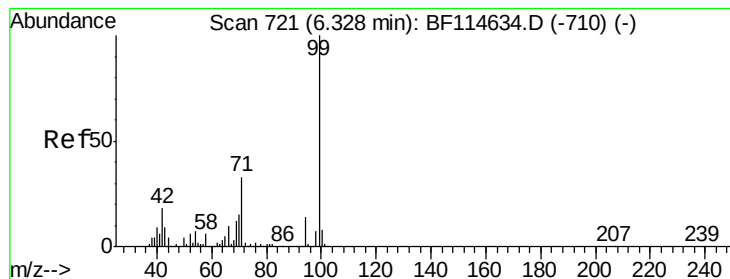
2-Fluorophenol
Concen: 15.436 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF114727.D
Acq: 1 Jun 2019 00:34

Tgt Ion:112 Resp: 389798
Ion Ratio Lower Upper
112 100
64 54.7 46.1 69.1
63 27.2 23.4 35.2



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: 64.402 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114727.D

Acq: 1 Jun 2019 00:34

Instrument :

BNA_F

ClientSampleId :

MASONRY-COMPOSITERX

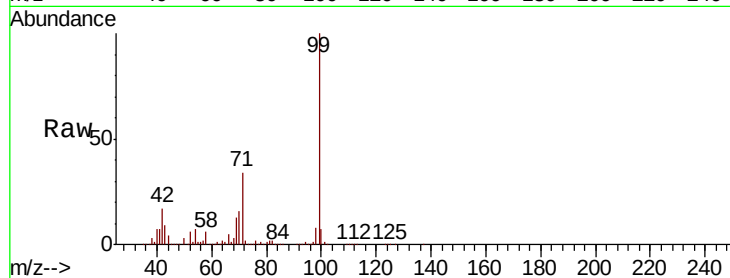
Tgt Ion: 99 Resp: 1959761

Ion Ratio Lower Upper

99 100

42 17.0 14.7 22.1

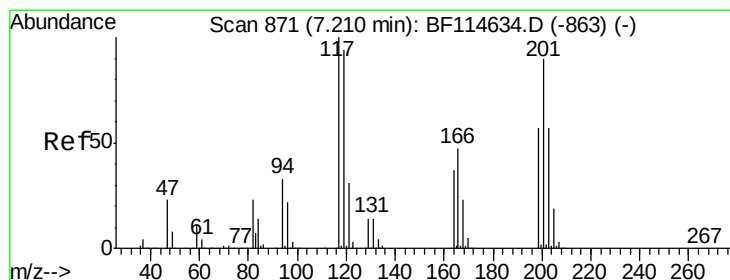
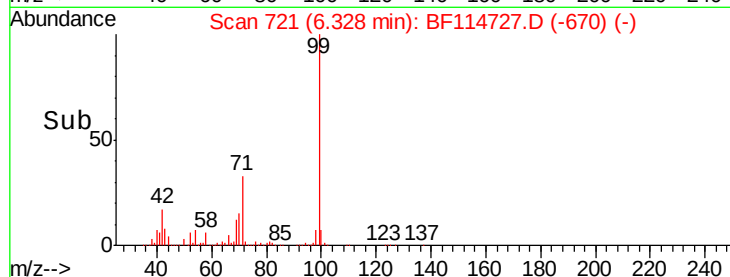
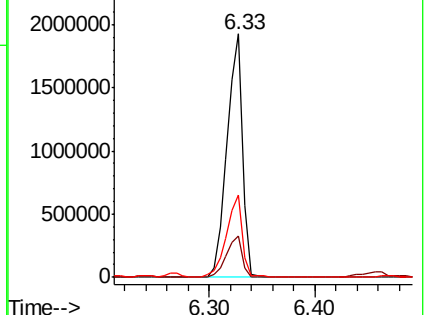
71 33.6 26.6 40.0



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



#18

Hexachloroethane

Concen: 6.523 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.03 min

Lab File: BF114727.D

Acq: 1 Jun 2019 00:34

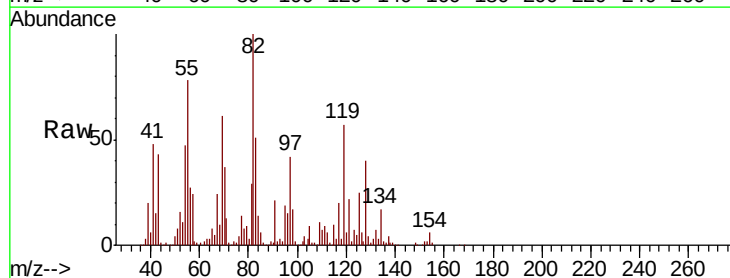
Tgt Ion: 117 Resp: 82321

Ion Ratio Lower Upper

117 100

119 288.4 75.6 113.4#

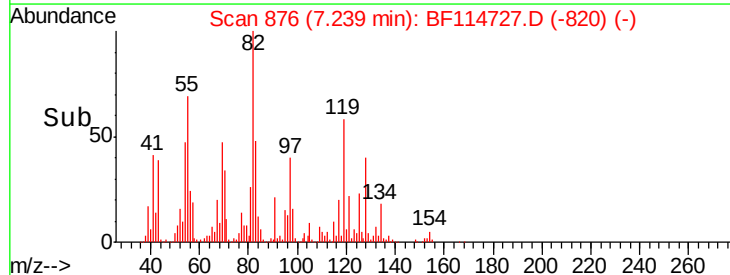
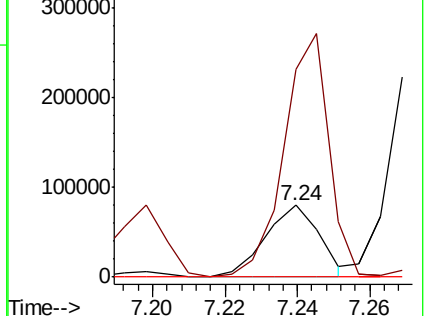
201 0.0 71.7 107.5#

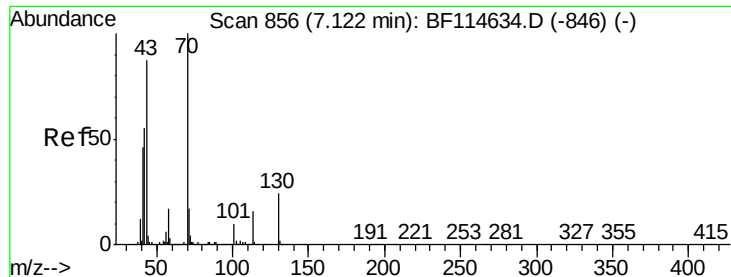


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

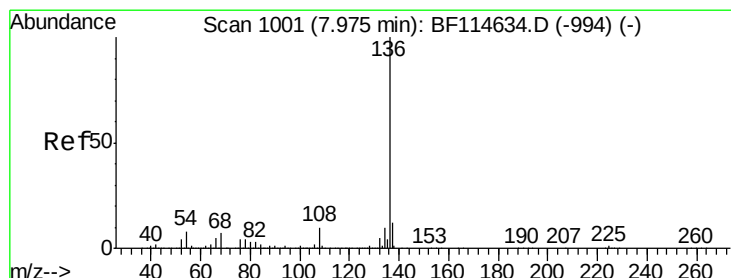
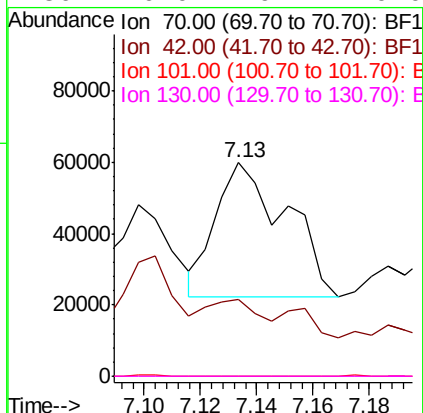
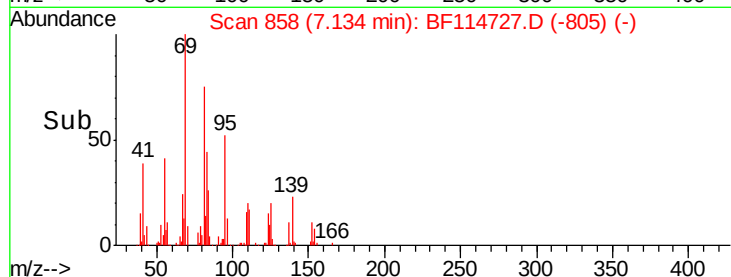
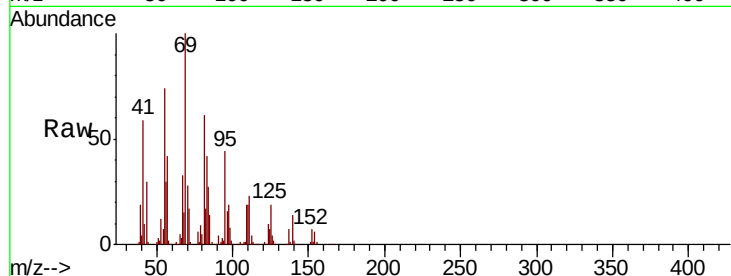




#19
n-Nitroso-di-n-propylamine
Concen: 3.090 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF114727.D
Acq: 1 Jun 2019 00:34

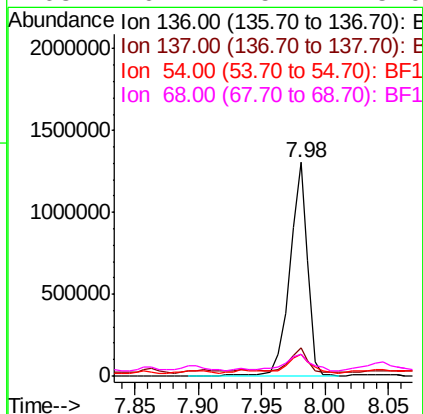
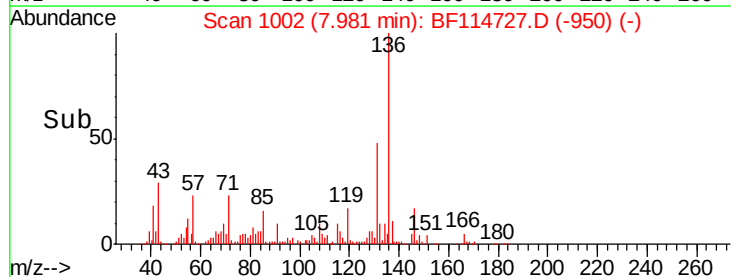
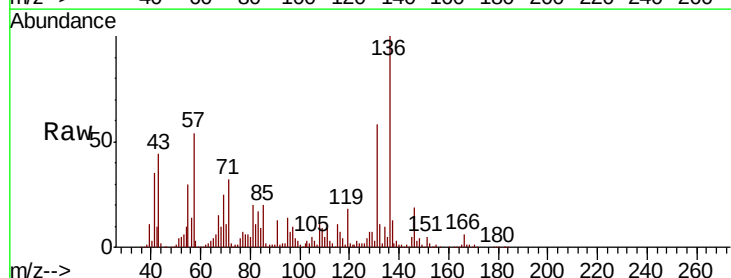
Instrument :
BNA_F
ClientSampleId :
MASONRY-COMPOSITERX

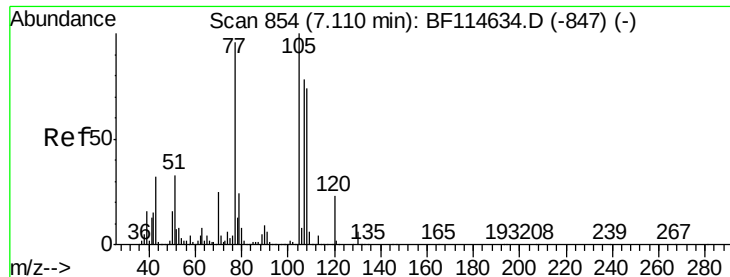
Tgt Ion: 70 Resp: 64898
Ion Ratio Lower Upper
70 100
42 36.1 44.4 66.6#
101 0.0 8.2 12.4#
130 0.0 19.4 29.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF114727.D
Acq: 1 Jun 2019 00:34

Tgt Ion: 136 Resp: 1268368
Ion Ratio Lower Upper
136 100
137 13.0 9.3 13.9
54 10.3 6.3 9.5#
68 10.1 5.4 8.0#





#22

Acetophenone

Concen: 12.036 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF114727.D

Acq: 1 Jun 2019 00:34

Instrument :

BNA_F

ClientSampleId :

MASONRY-COMPOSITERX

Tgt Ion: 105 Resp: 325268

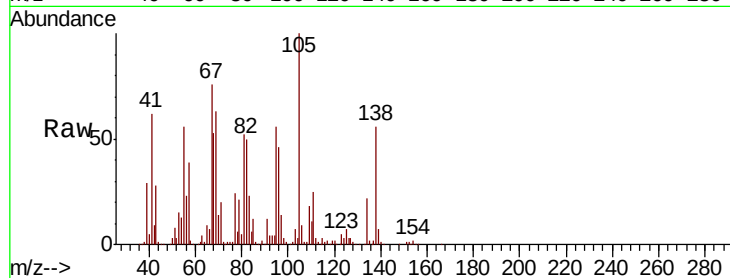
Ion Ratio Lower Upper

105 100

71 19.9 3.6 5.4#

51 8.1 26.0 39.0#

120 2.4 18.8 28.2#

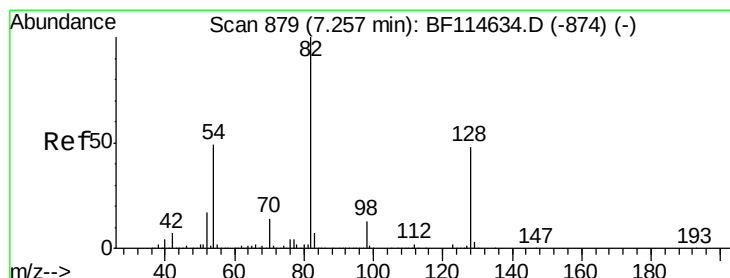
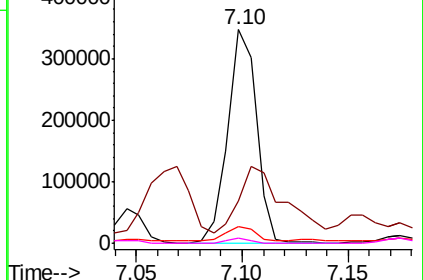
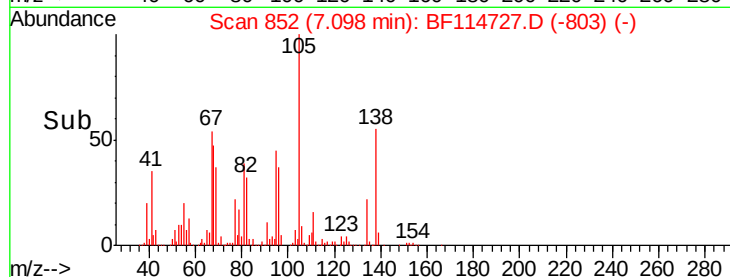


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 84.973 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF114727.D

Acq: 1 Jun 2019 00:34

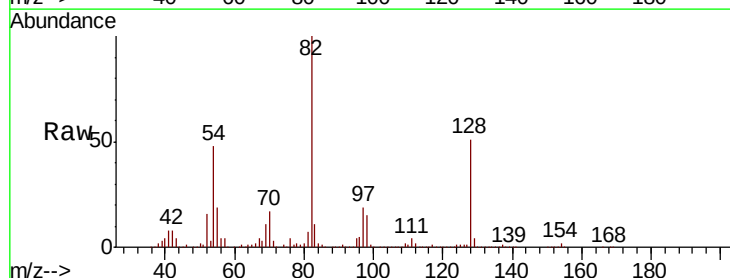
Tgt Ion: 82 Resp: 1727496

Ion Ratio Lower Upper

82 100

128 50.8 38.5 57.7

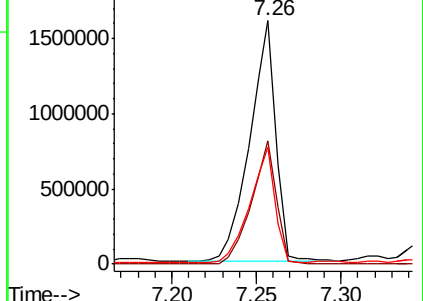
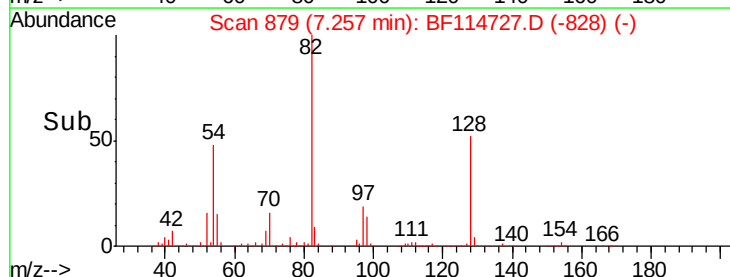
54 48.2 39.1 58.7

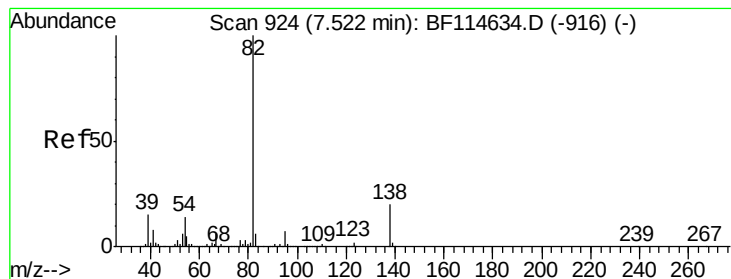


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 6.394 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF114727.D

Acq: 1 Jun 2019 00:34

Instrument :

BNA_F

ClientSampleId :

MASONRY-COMPOSITERX

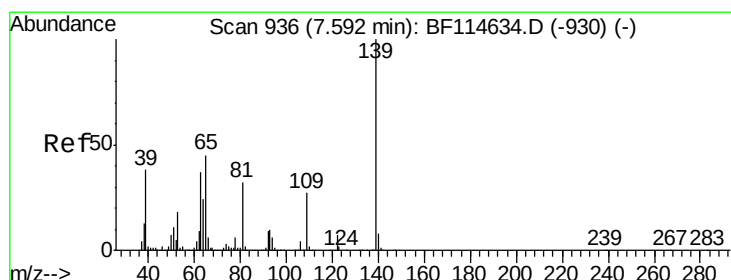
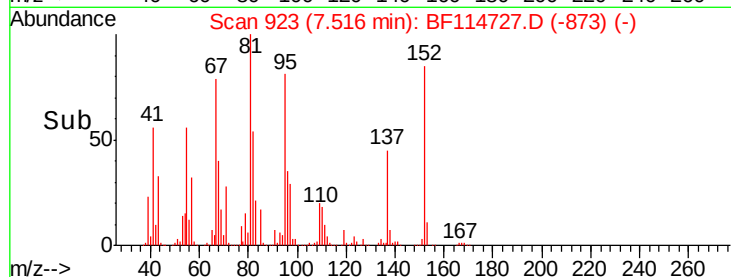
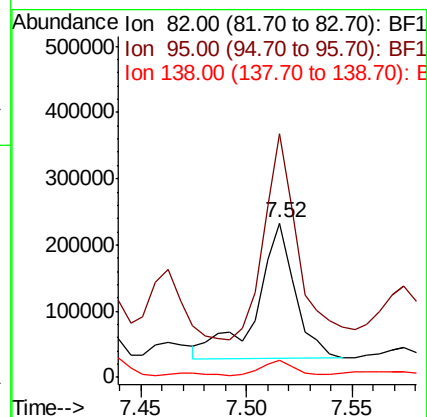
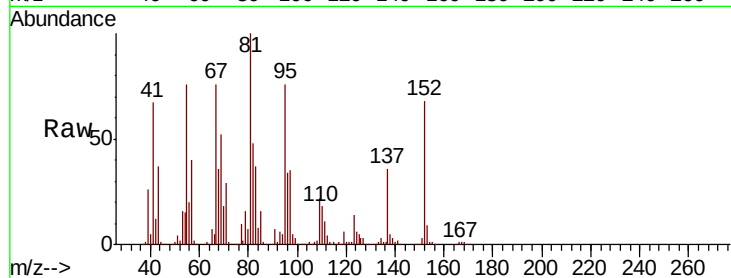
Tgt Ion: 82 Resp: 260859

Ion Ratio Lower Upper

82 100

95 157.9 5.6 8.4#

138 11.4 15.9 23.9#



#26

2-Nitrophenol

Concen: 2.071 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.03 min

Lab File: BF114727.D

Acq: 1 Jun 2019 00:34

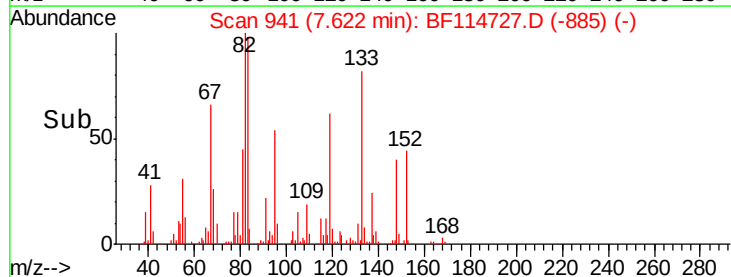
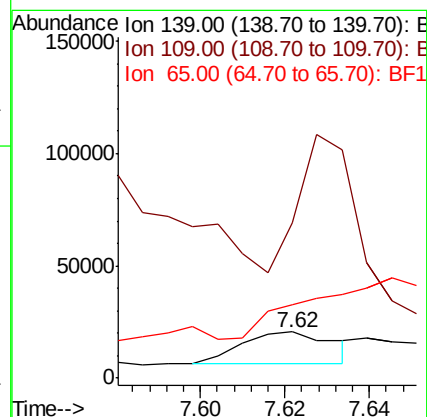
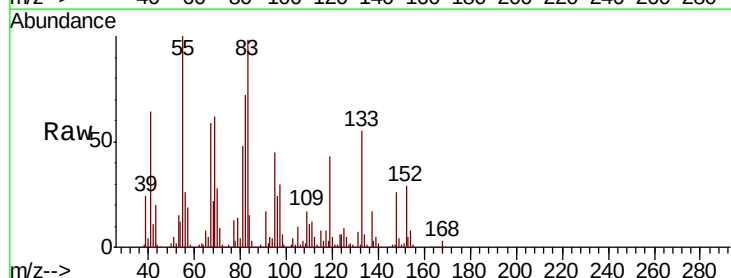
Tgt Ion: 139 Resp: 21771

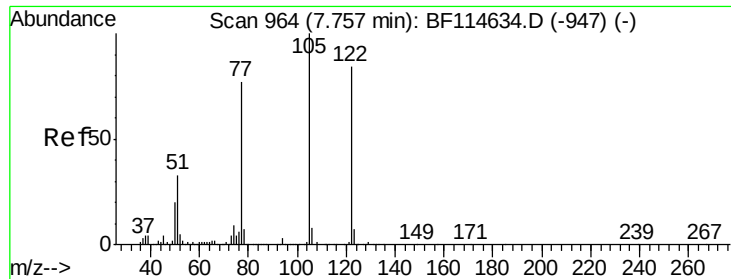
Ion Ratio Lower Upper

139 100

109 337.4 21.7 32.5#

65 159.8 36.3 54.5#





#32

Benzoic acid

Concen: 2.451 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.02 min

Lab File: BF114727.D

Acq: 1 Jun 2019 00:34

Instrument :

BNA_F

ClientSampleId :

MASONRY-COMPOSITERX

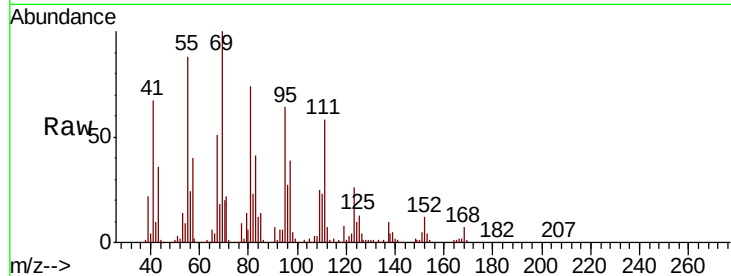
Tgt Ion:122 Resp: 27836

Ion Ratio Lower Upper

122 100

105 41.5 98.3 138.3#

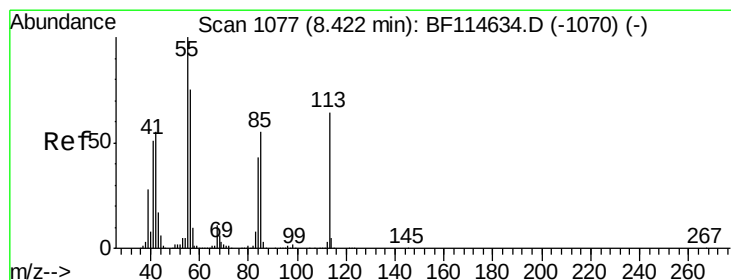
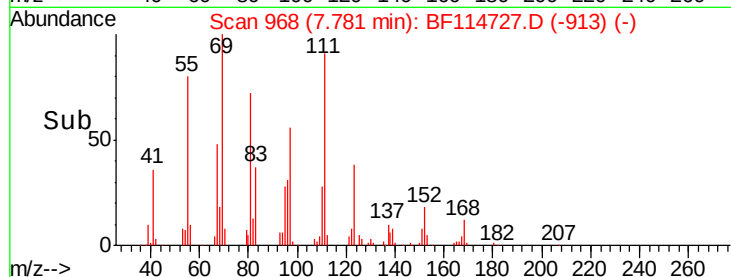
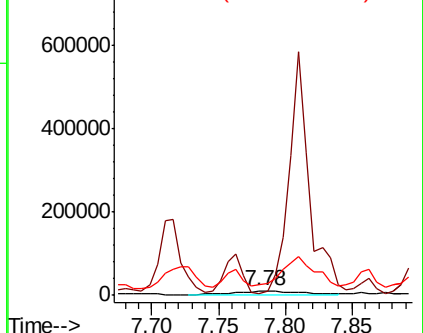
77 215.7 70.7 110.7#



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



#35

Caprolactam

Concen: 42.743 ng

RT: 8.43 min Scan# 1079

Delta R.T. 0.01 min

Lab File: BF114727.D

Acq: 1 Jun 2019 00:34

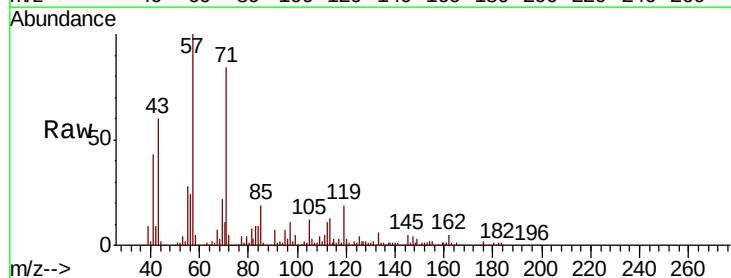
Tgt Ion:113 Resp: 256687

Ion Ratio Lower Upper

113 100

55 215.5 136.4 176.4#

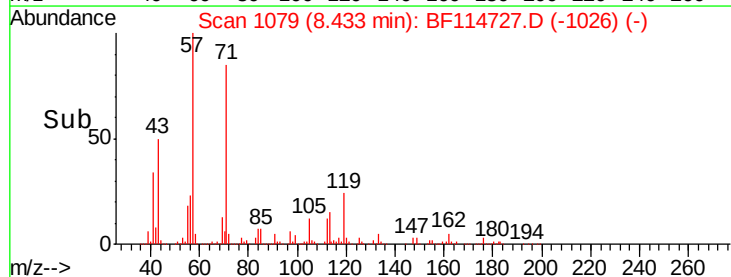
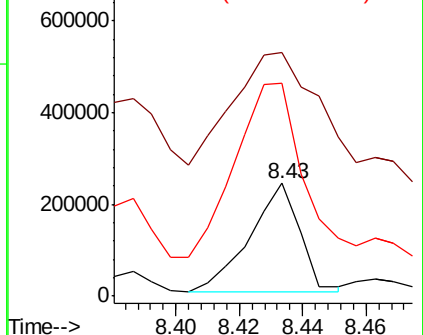
56 188.3 97.0 137.0#

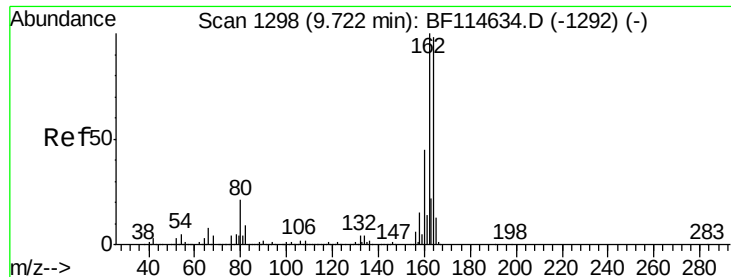


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

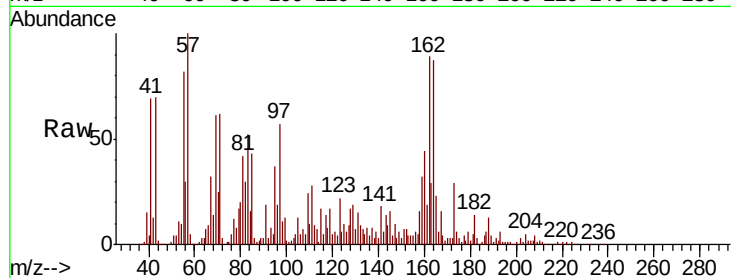




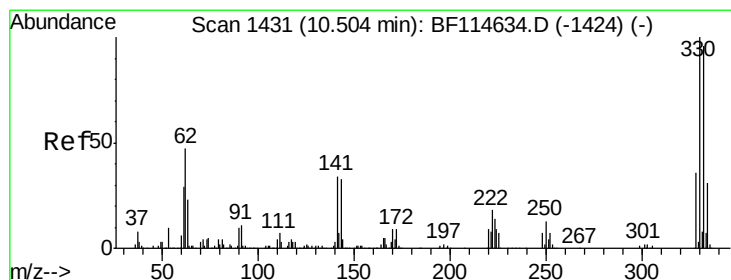
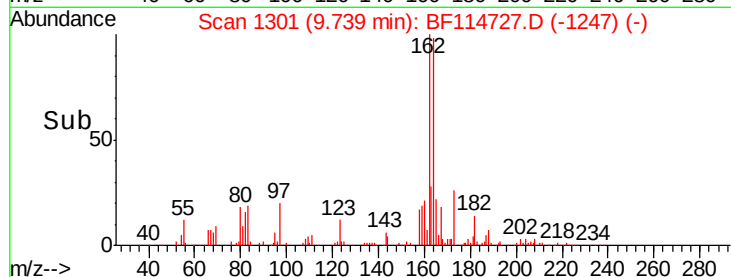
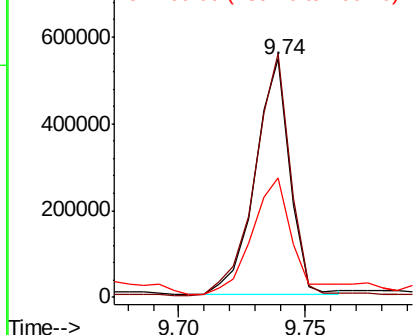
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.02 min
 Lab File: BF114727.D
 Acq: 1 Jun 2019 00:34

Instrument :
 BNA_F
 ClientSampleId :
 MASONRY-COMPOSITERX

Tgt Ion:164 Resp: 516610
 Ion Ratio Lower Upper
 164 100
 162 102.2 81.4 122.2
 160 50.1 36.6 54.8

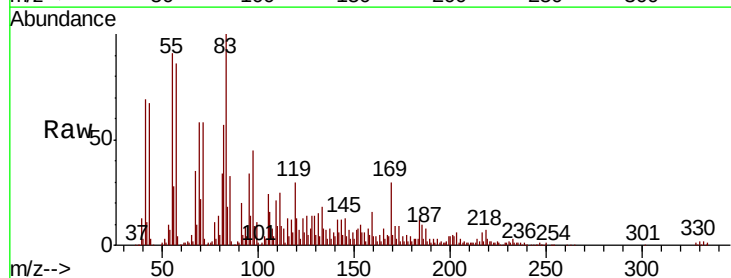


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

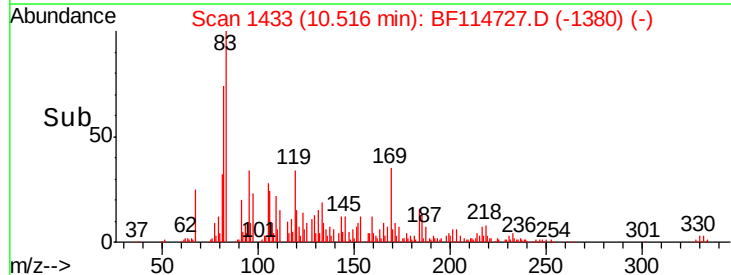
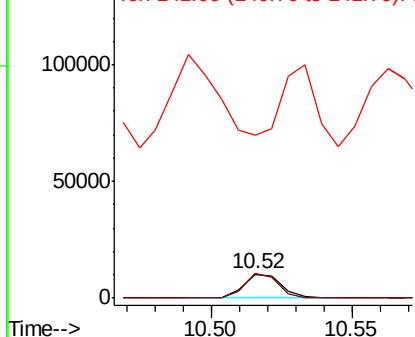


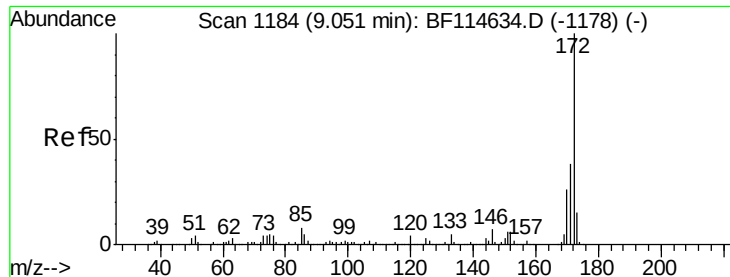
#42
 2,4,6-Tribromophenol
 Concen: 1.912 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF114727.D
 Acq: 1 Jun 2019 00:34

Tgt Ion:330 Resp: 9410
 Ion Ratio Lower Upper
 330 100
 332 94.0 75.8 113.8
 141 311.3 27.8 41.8#



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

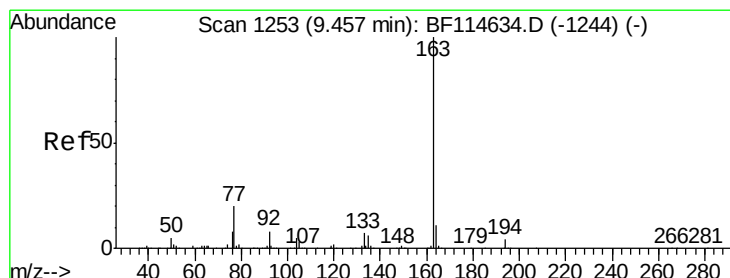
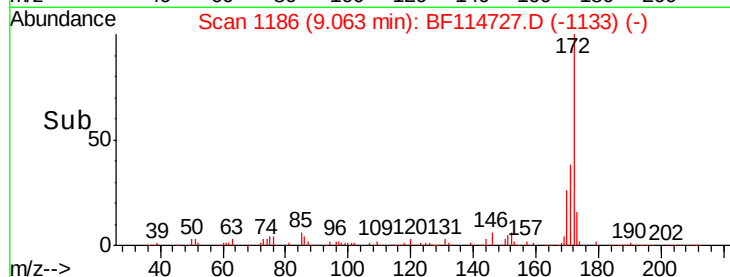
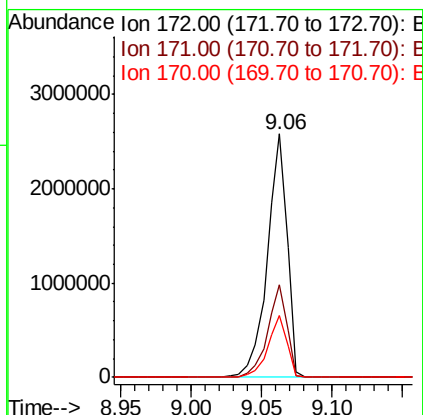
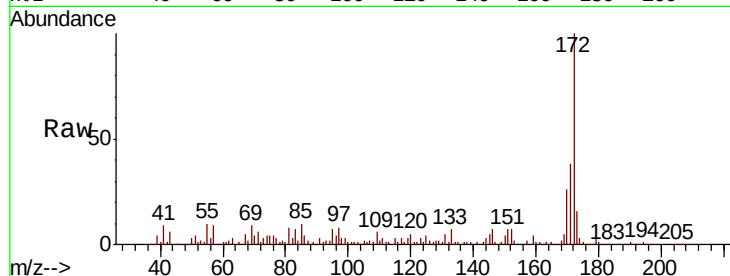




#45
2-Fluorobiphenyl
Concen: 94.697 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF114727.D
Acq: 1 Jun 2019 00:34

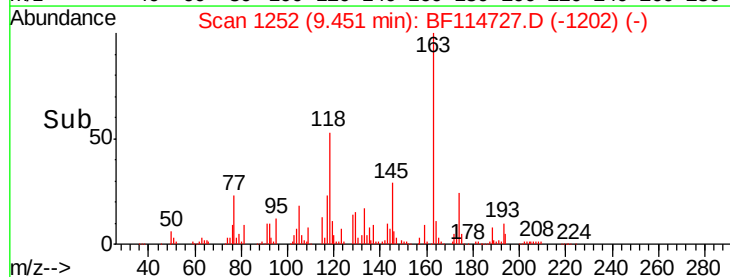
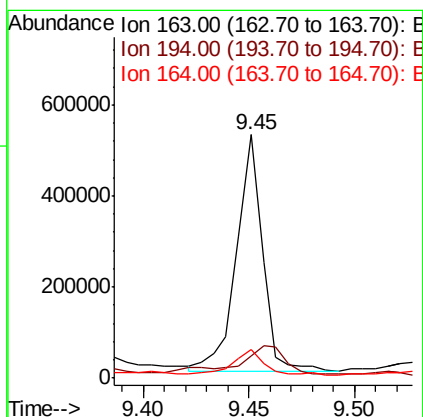
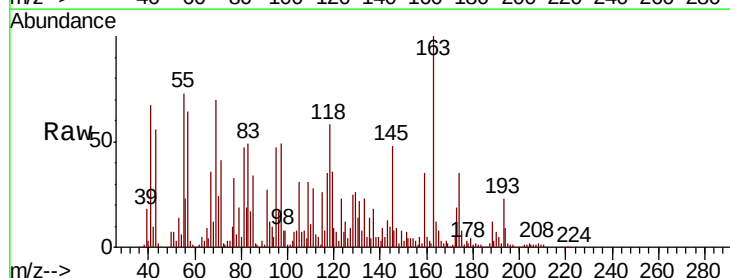
Instrument :
BNA_F
ClientSampleId :
MASONRY-COMPOSITERX

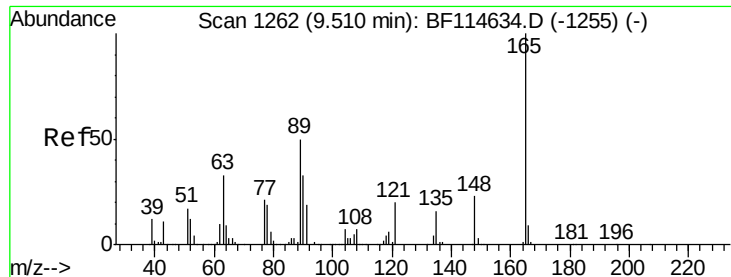
Tgt Ion:172 Resp: 2554101
Ion Ratio Lower Upper
172 100
171 38.2 30.6 45.8
170 25.6 20.7 31.1



#50
Dimethylphthalate
Concen: 12.367 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF114727.D
Acq: 1 Jun 2019 00:34

Tgt Ion:163 Resp: 445204
Ion Ratio Lower Upper
163 100
194 9.1 3.4 5.0#
164 11.7 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 5.006 ng

RT: 9.52 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF114727.D

Acq: 1 Jun 2019 00:34

Instrument :

BNA_F

ClientSampleId :

MASONRY-COMPOSITERX

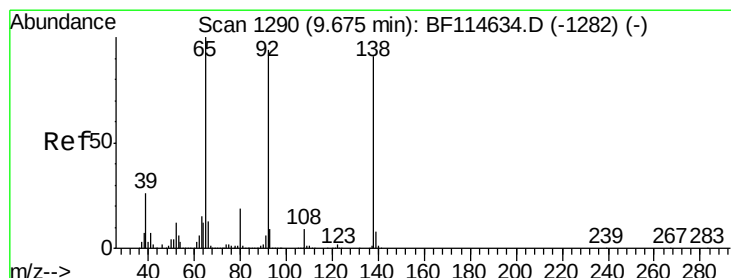
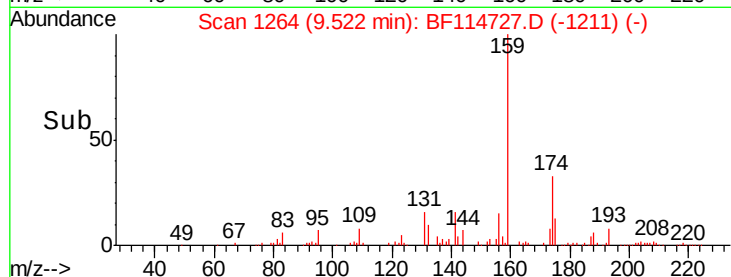
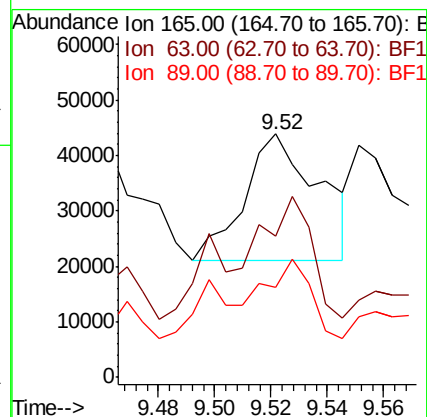
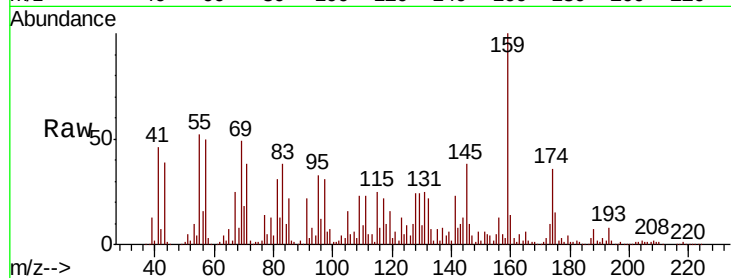
Tgt Ion:165 Resp: 41872

Ion Ratio Lower Upper

165 100

63 57.9 36.6 54.8#

89 37.0 40.2 60.4#



#53

3-Nitroaniline

Concen: 5.118 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF114727.D

Acq: 1 Jun 2019 00:34

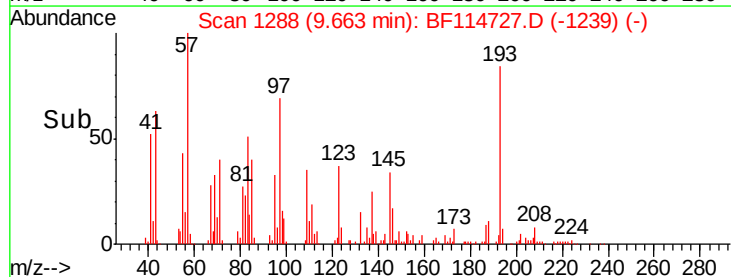
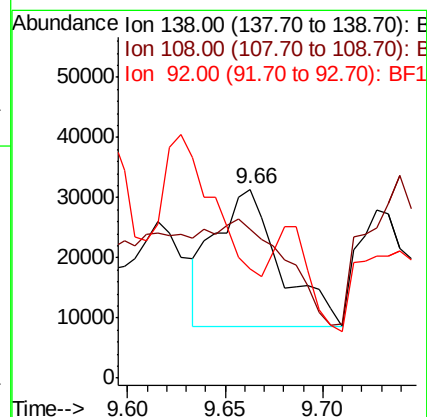
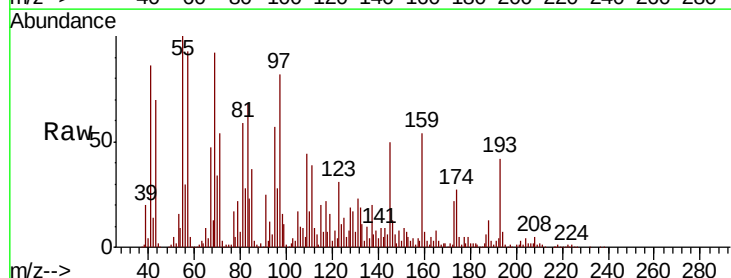
Tgt Ion:138 Resp: 52394

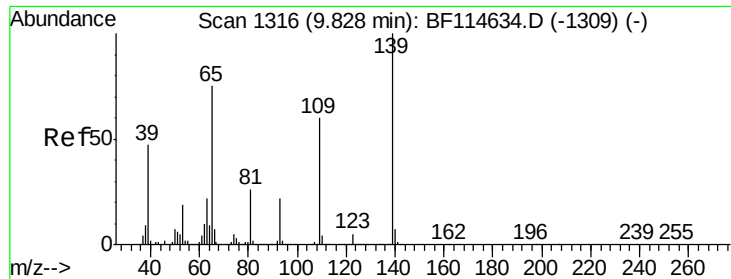
Ion Ratio Lower Upper

138 100

108 78.7 8.3 12.5#

92 57.6 83.1 124.7#

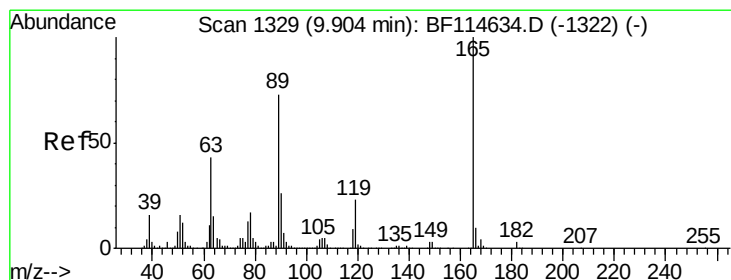
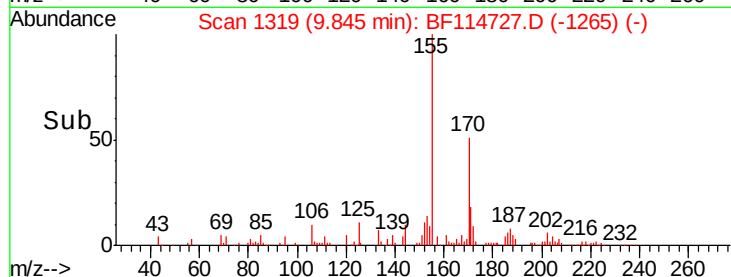
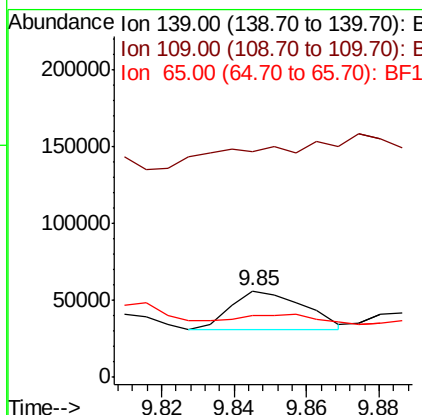
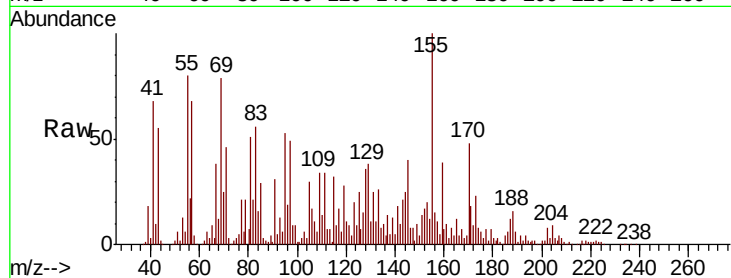




#56
4-Nitrophenol
Concen: 4.627 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF114727.D
Acq: 1 Jun 2019 00:34

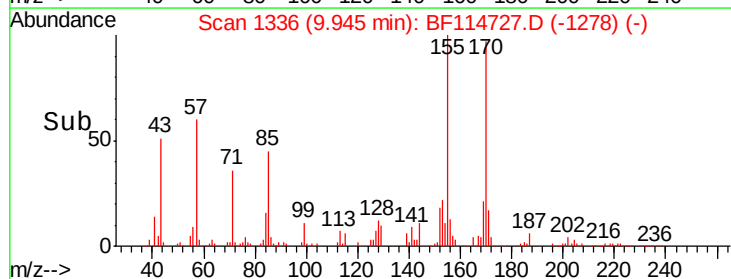
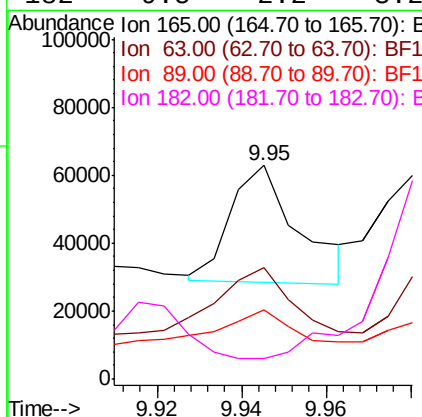
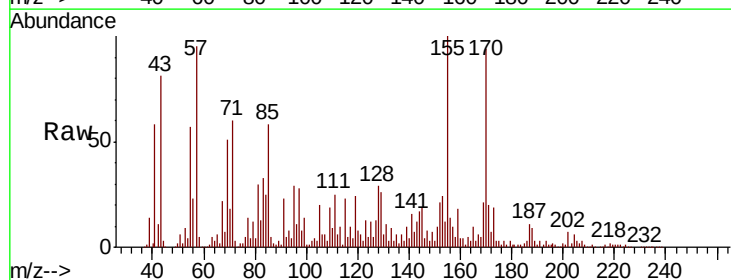
Instrument :
BNA_F
ClientSampleId :
MASONRY-COMPOSITERX

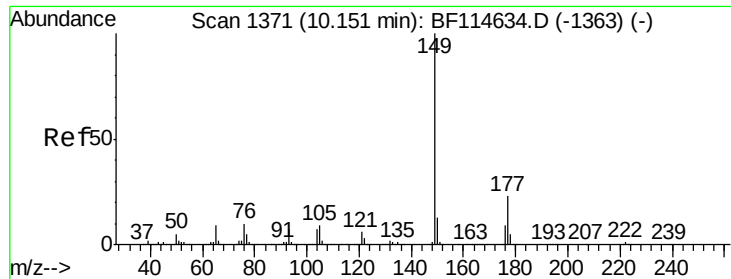
Tgt Ion:139 Resp: 35105
Ion Ratio Lower Upper
139 100
109 261.0 40.4 80.4#
65 71.9 54.7 94.7



#57
2,4-Dinitrotoluene
Concen: 3.571 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF114727.D
Acq: 1 Jun 2019 00:34

Tgt Ion:165 Resp: 38334
Ion Ratio Lower Upper
165 100
63 52.1 34.8 52.2
89 32.3 58.5 87.7#
182 9.5 2.2 3.2#

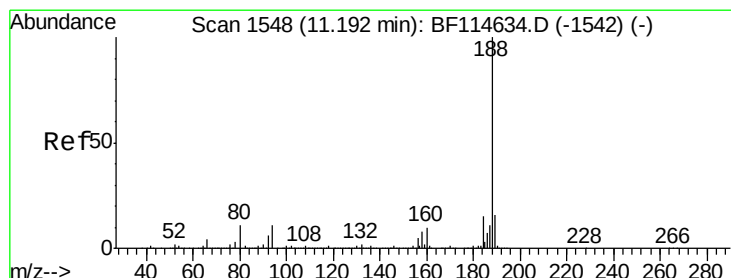
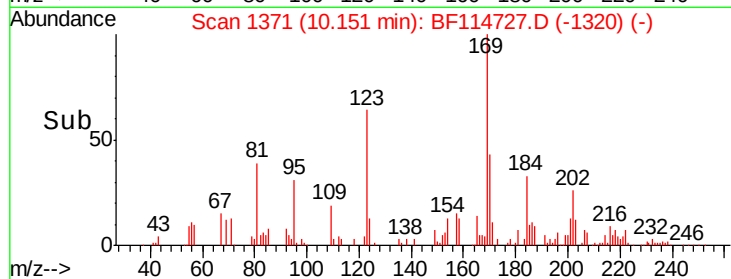
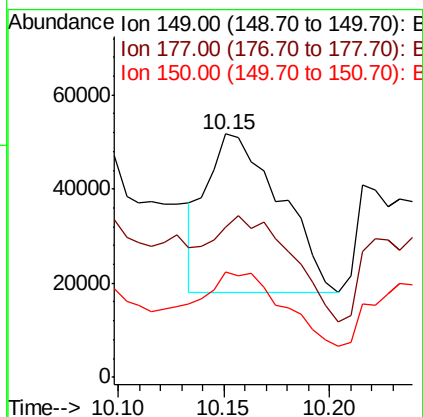
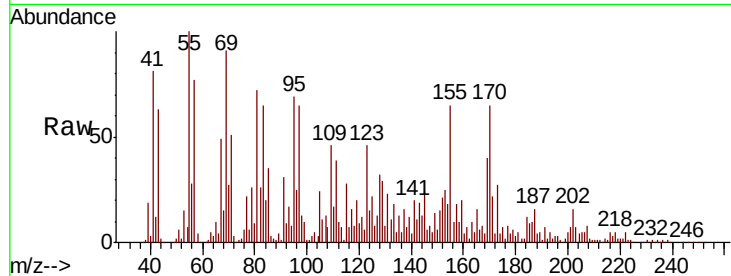




#60
Diethylphthalate
Concen: 2.226 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BF114727.D
Acq: 1 Jun 2019 00:34

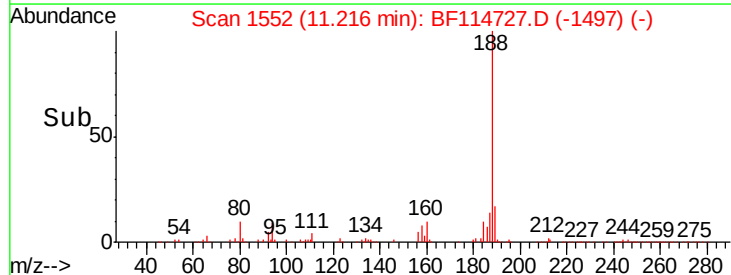
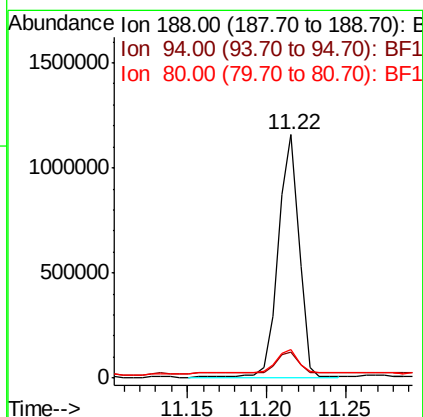
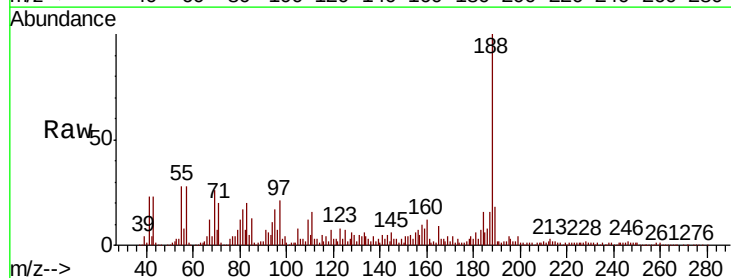
Instrument :
BNA_F
ClientSampleId :
MASONRY-COMPOSITERX

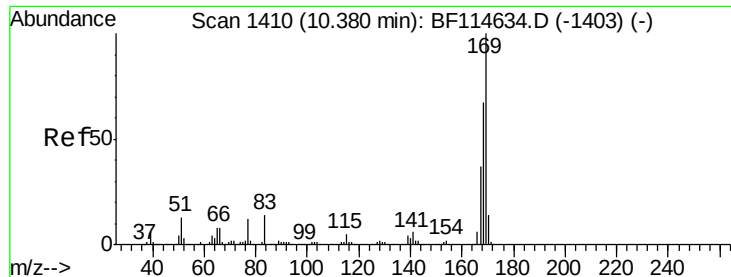
Tgt Ion:149 Resp: 81857
Ion Ratio Lower Upper
149 100
177 61.9 18.6 28.0#
150 43.2 10.6 15.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.02 min
Lab File: BF114727.D
Acq: 1 Jun 2019 00:34

Tgt Ion:188 Resp: 1048879
Ion Ratio Lower Upper
188 100
94 10.9 8.6 13.0
80 11.6 9.0 13.6

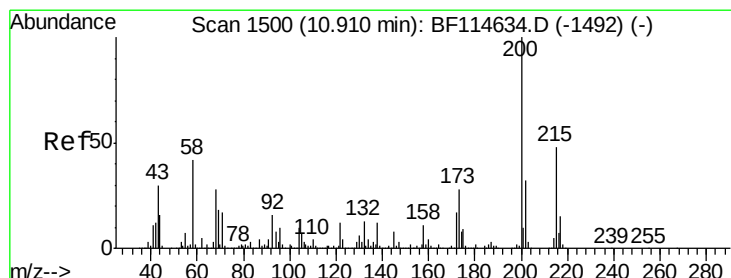
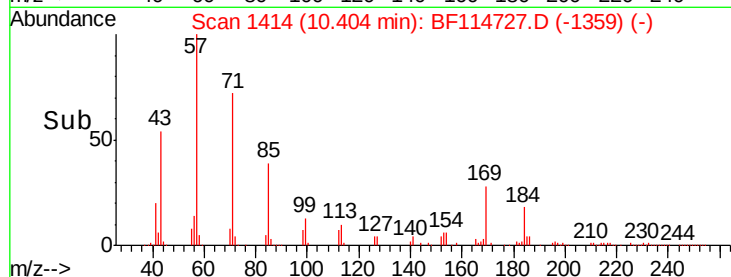
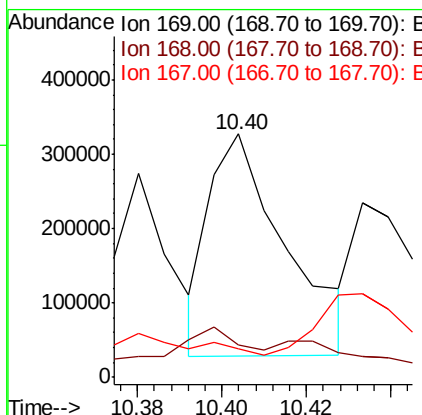
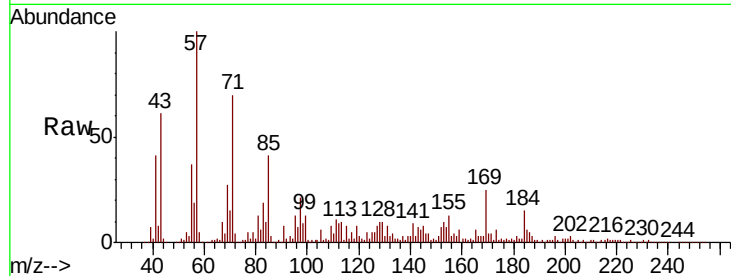




#66
n-Nitrosodiphenylamine
Concen: 12.114 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.02 min
Lab File: BF114727.D
Acq: 1 Jun 2019 00:34

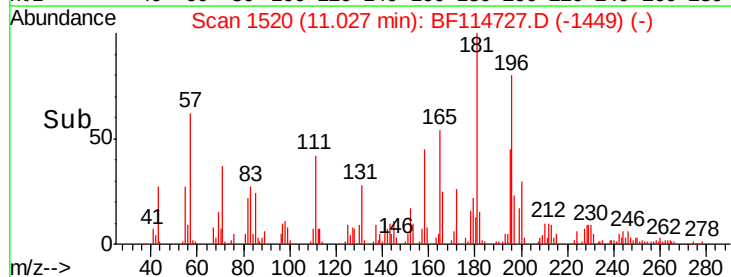
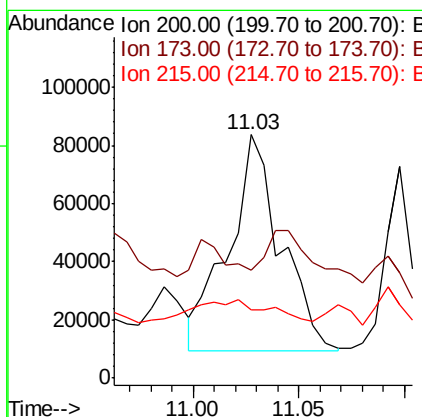
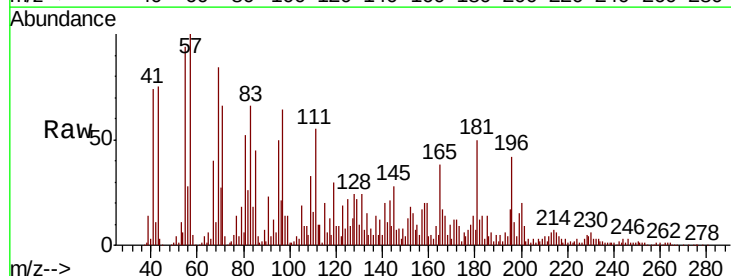
Instrument :
BNA_F
ClientSampleId :
MASONRY-COMPOSITERX

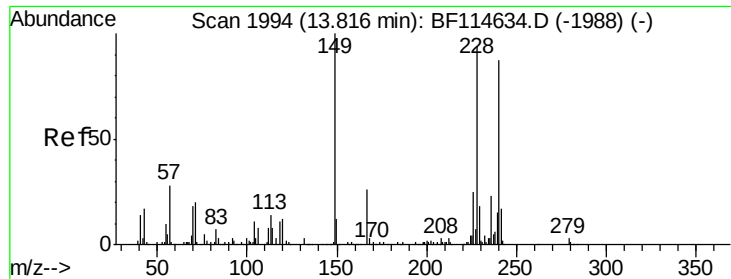
Tgt Ion:169 Resp: 375399
Ion Ratio Lower Upper
169 100
168 13.1 53.8 80.8#
167 11.9 29.8 44.6#



#69
Atrazine
Concen: 10.863 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.12 min
Lab File: BF114727.D
Acq: 1 Jun 2019 00:34

Tgt Ion:200 Resp: 127865
Ion Ratio Lower Upper
200 100
173 44.3 7.9 47.9
215 28.0 27.8 67.8

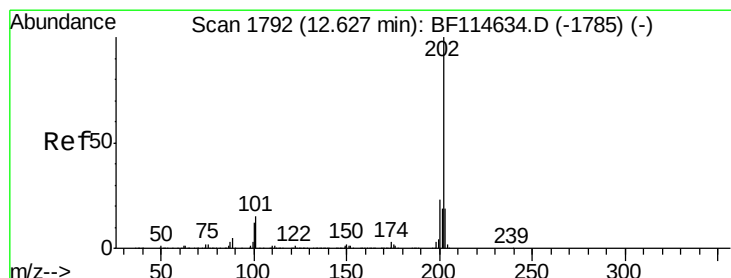
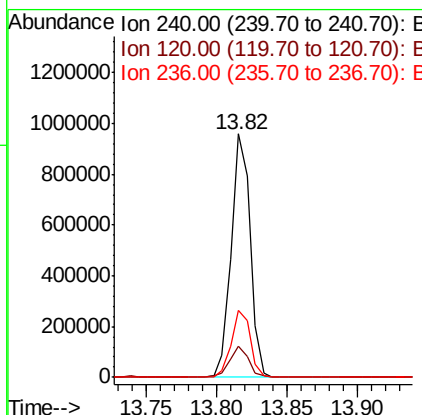
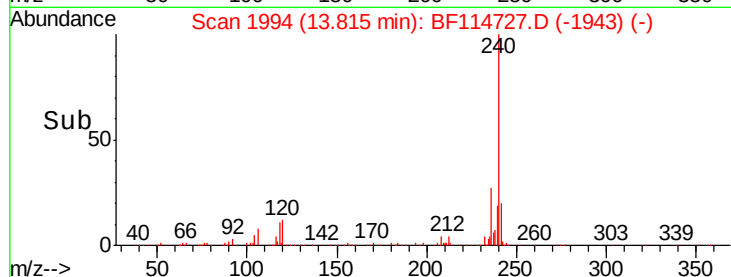
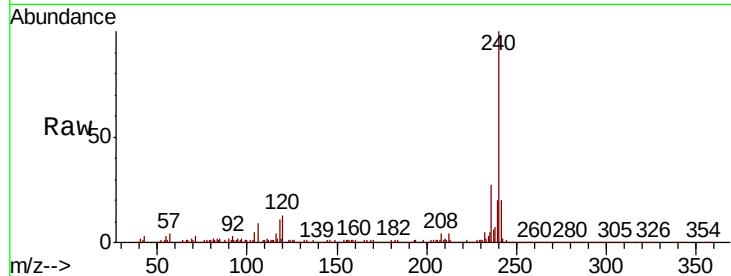




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114727.D
Acq: 1 Jun 2019 00:34

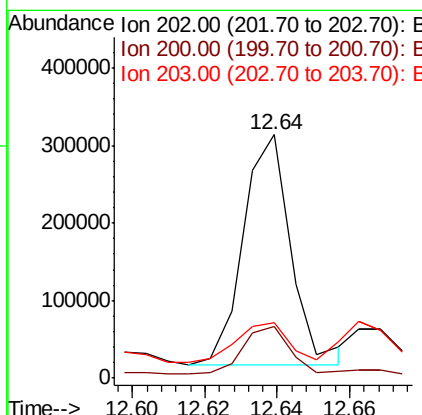
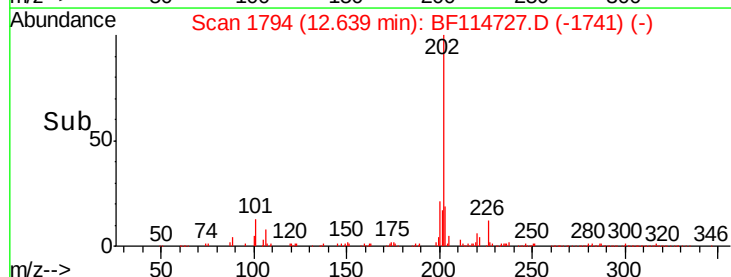
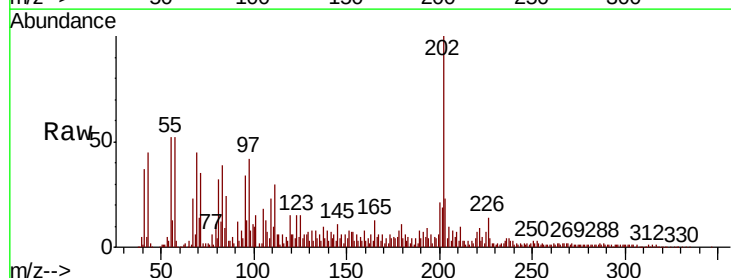
Instrument :
BNA_F
ClientSampleId :
MASONRY-COMPOSITERX

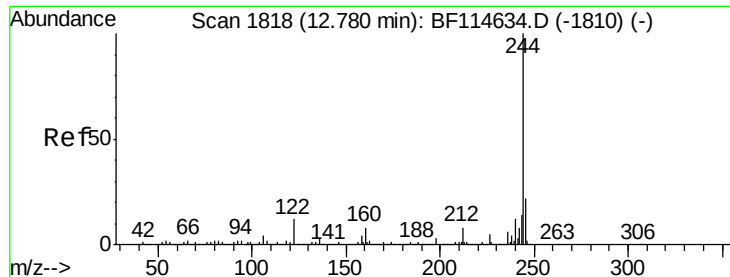
Tgt Ion:240 Resp: 895648
Ion Ratio Lower Upper
240 100
120 13.0 11.2 16.8
236 27.4 21.2 31.8



#78
Pyrene
Concen: 3.549 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF114727.D
Acq: 1 Jun 2019 00:34

Tgt Ion:202 Resp: 268922
Ion Ratio Lower Upper
202 100
200 21.1 18.6 28.0
203 22.7 15.4 23.2





#79

Terphenyl-d14

Concen: 54.600 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF114727.D

Acq: 1 Jun 2019 00:34

Instrument :

BNA_F

ClientSampleId :

MASONRY-COMPOSITERX

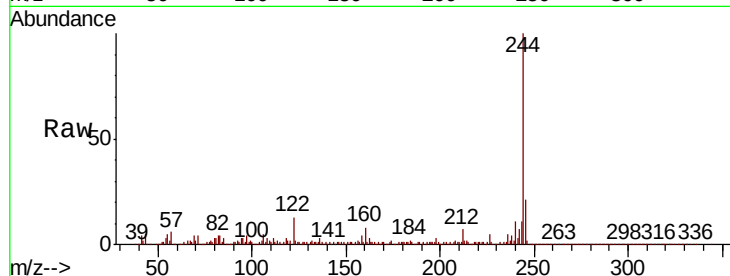
Tgt Ion:244 Resp: 2600970

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

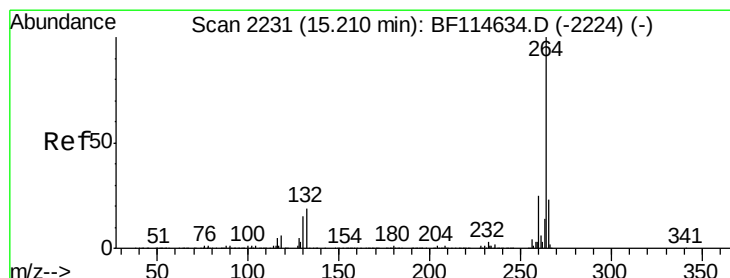
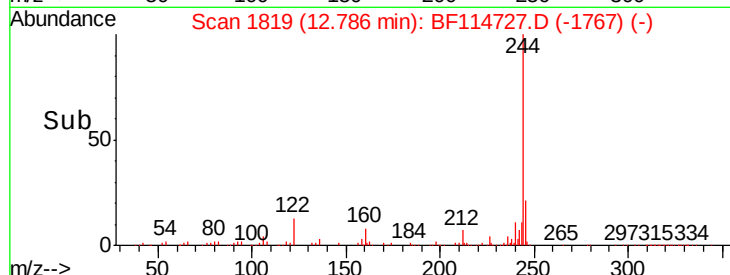
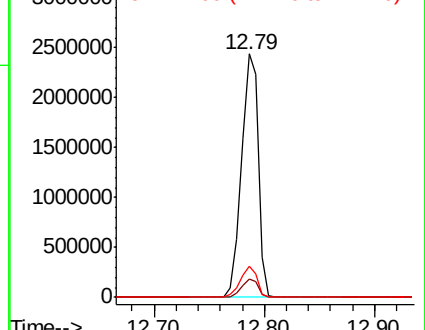
122 12.9 9.8 14.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114727.D

Acq: 1 Jun 2019 00:34

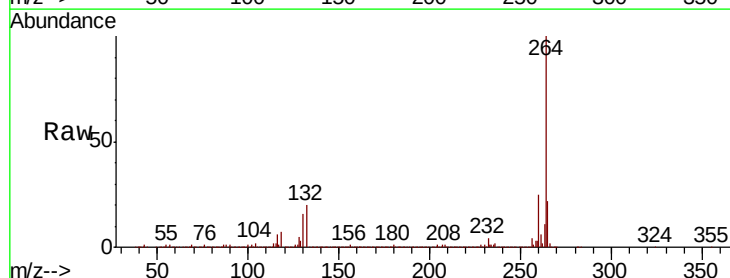
Tgt Ion:264 Resp: 881466

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 22.2 18.1 27.1



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

