

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119675.D
 Acq On : 1 Apr 2020 15:27
 Operator : MA/SJ
 Sample : L2070-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUSH-WASH

Quant Time: Apr 02 00:07:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

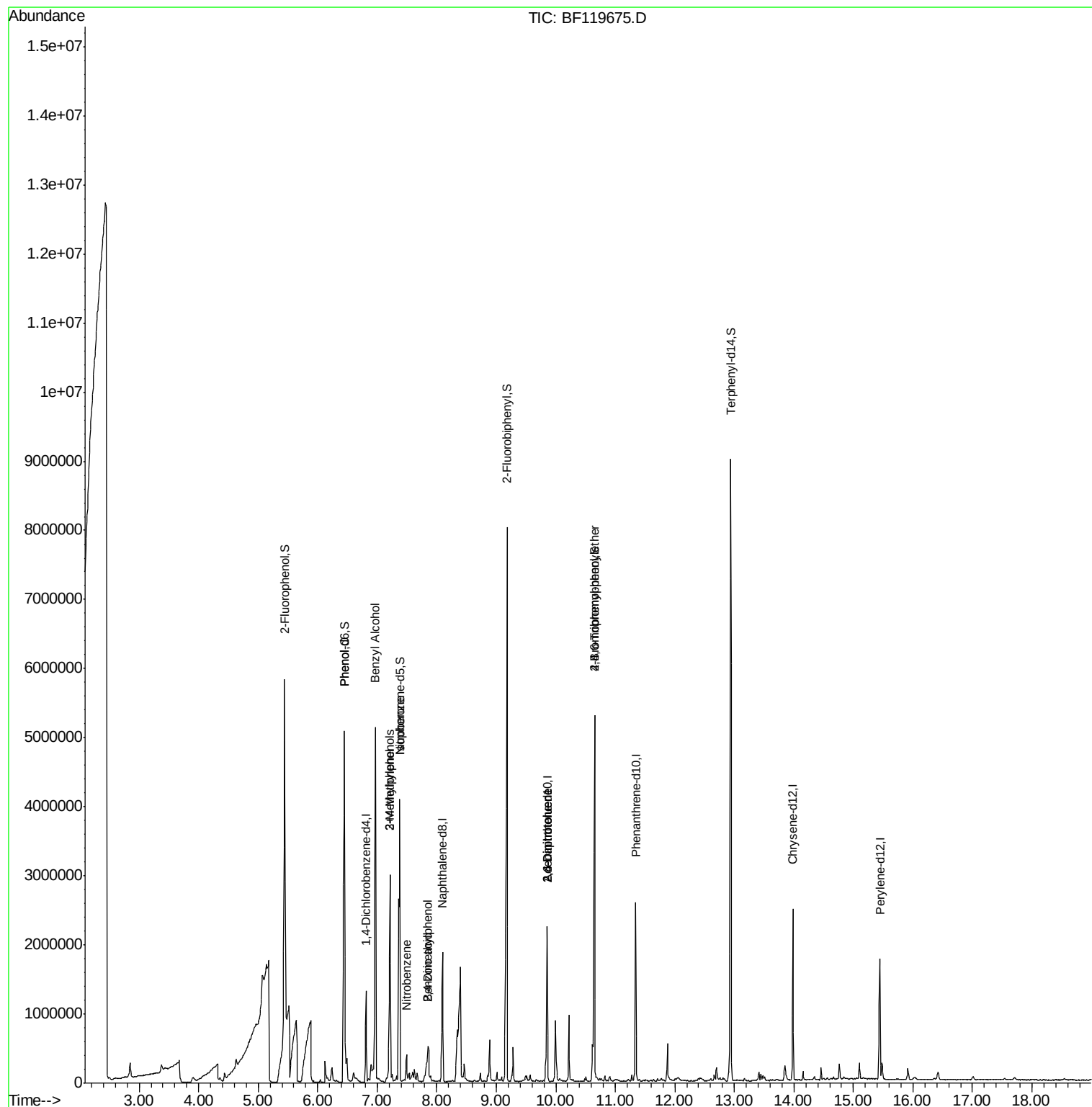
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	258546	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1010526	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	524323	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1034173	20.00	ng	0.00
76) Chrysene-d12	13.99	240	850524	20.00	ng	-0.01
87) Perylene-d12	15.44	264	817590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2153286	132.58	ng	0.04
7) Phenol-d6	6.45	99	2498896	120.45	ng	0.00
23) Nitrobenzene-d5	7.38	82	1912802	102.87	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	881670	162.99	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3388886	95.75	ng	0.00
79) Terphenyl-d14	12.94	244	3964258	91.32	ng	0.00
Target Compounds						
10) Phenol	6.46	94	99629	4.50	ng	Qvalue 83
15) Benzyl Alcohol	6.97	79	34561	2.21	ng	# 55
17) 2-Methylphenol	7.22	107	915457	58.57	ng	# 68
20) 3+4-Methylphenols	7.22	107	915457	47.79	ng	# 74
24) Nitrobenzene	7.49	77	92762	4.67	ng	# 41
25) Isophorone	7.38	82	1891903	50.16	ng	# 65
27) 2,4-Dimethylphenol	7.85	122	155544	9.61	ng	# 7
32) Benzoic acid	7.85	122	155544	14.95	ng	97
51) 2,6-Dinitrotoluene	9.86	165	67547	8.46	ng	# 27
57) 2,4-Dinitrotoluene	9.86	165	67547	6.72	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	51987	4.41	ng	# 1

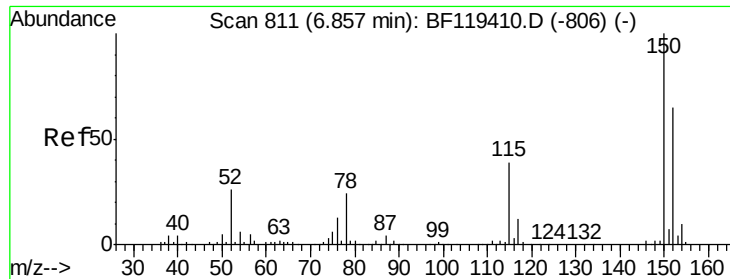
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF119675.D

Acq: 1 Apr 2020 15:27

Instrument :

BNA_F

ClientSampleId :

BUSH-WASH

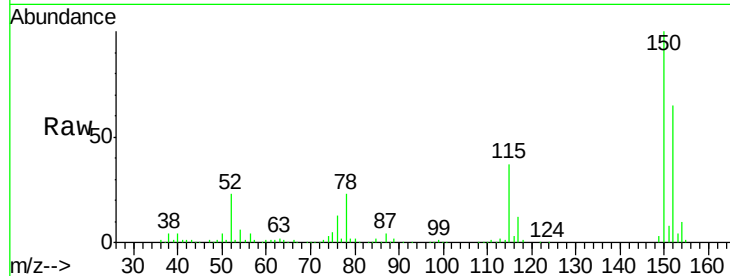
Tgt Ion:152 Resp: 258546

Ion Ratio Lower Upper

152 100

150 153.6 124.5 186.7

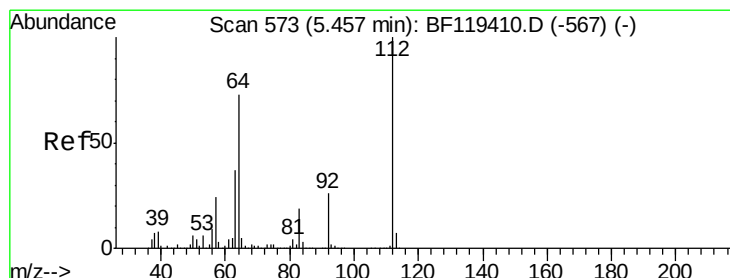
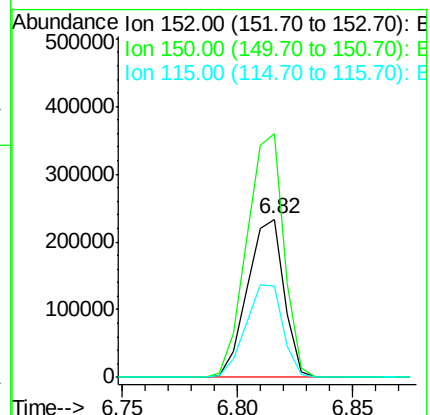
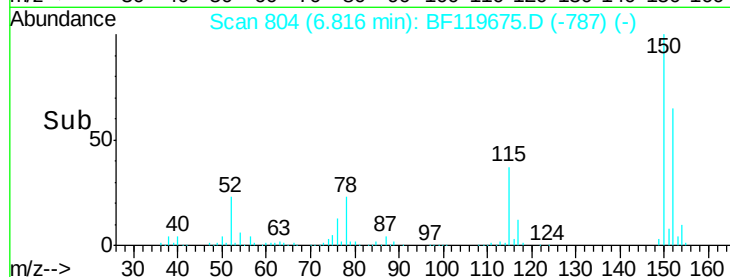
115 57.3 49.6 74.4



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: 132.58 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.04 min

Lab File: BF119675.D

Acq: 1 Apr 2020 15:27

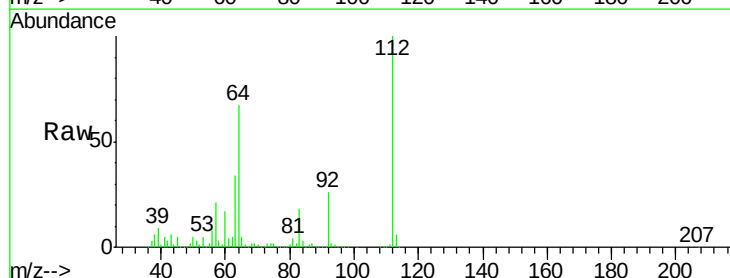
Tgt Ion:112 Resp: 2153286

Ion Ratio Lower Upper

112 100

64 67.2 56.7 85.1

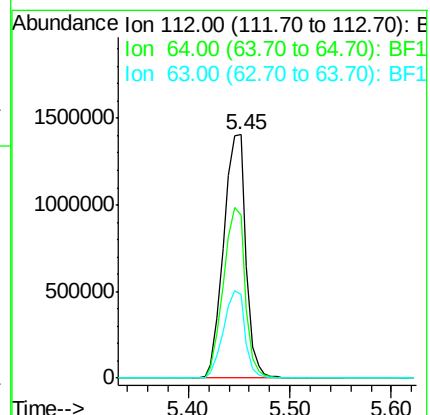
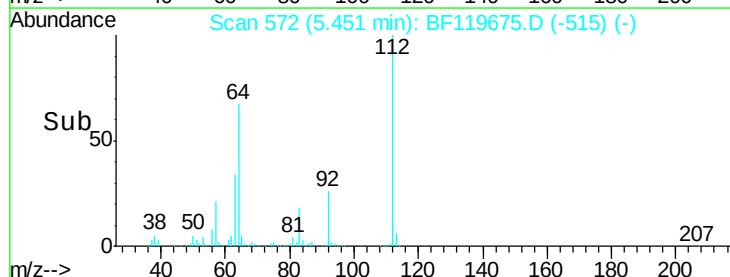
63 34.1 29.5 44.3

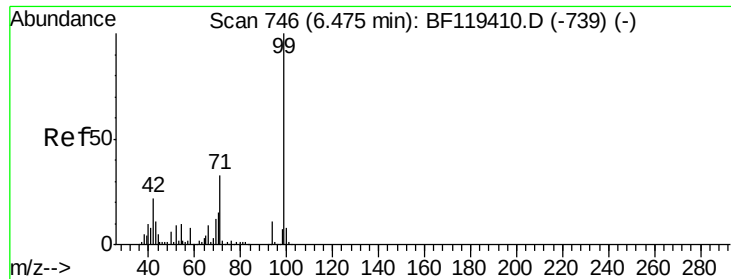


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 120.45 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF119675.D

Acq: 1 Apr 2020 15:27

Instrument :

BNA_F

ClientSampleId :

BUSH-WASH

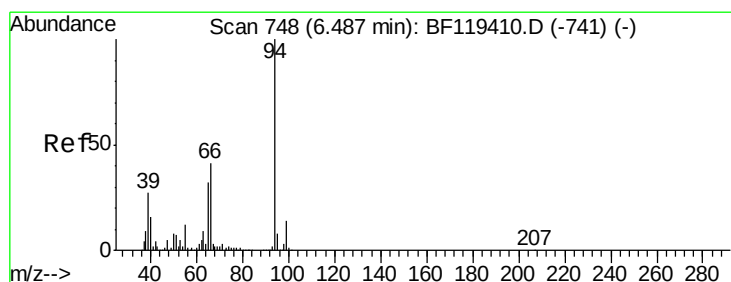
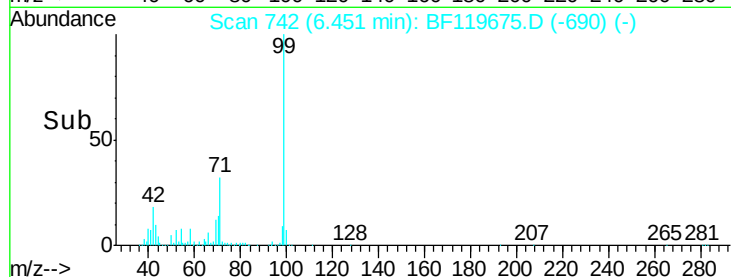
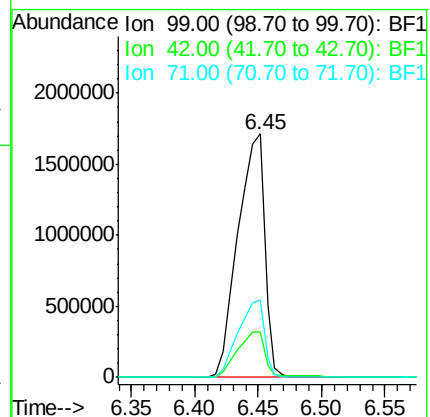
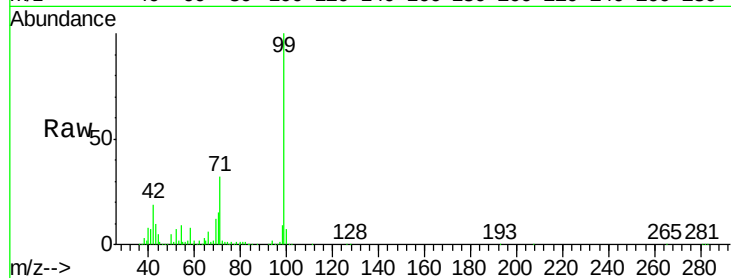
Tgt Ion: 99 Resp: 2498896

Ion Ratio Lower Upper

99 100

42 18.8 16.6 24.8

71 31.9 26.4 39.6



#10

Phenol

Concen: 4.50 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF119675.D

Acq: 1 Apr 2020 15:27

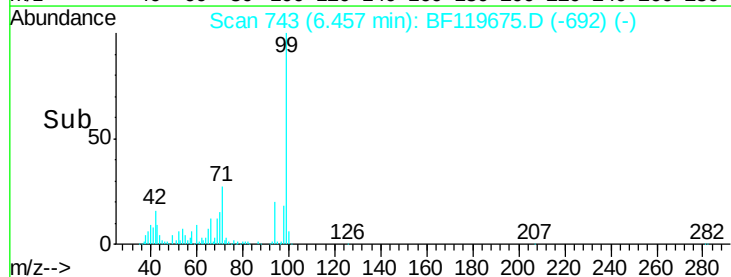
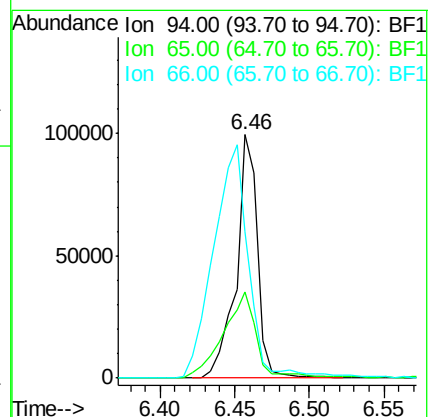
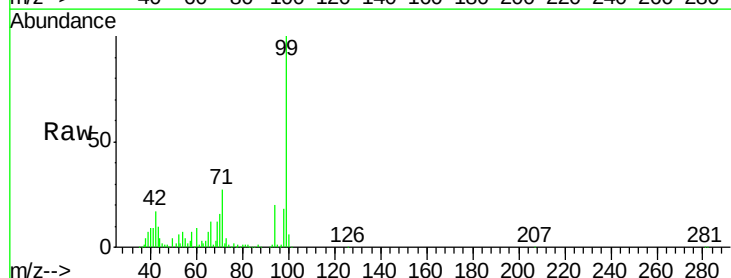
Tgt Ion: 94 Resp: 99629

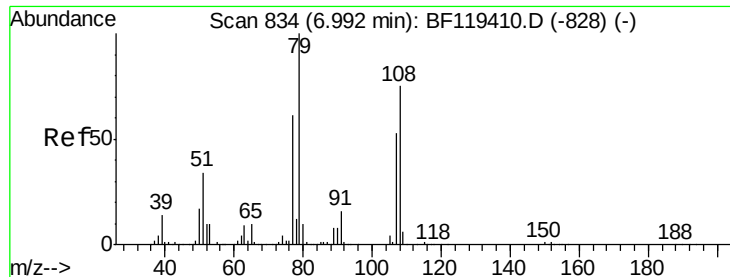
Ion Ratio Lower Upper

94 100

65 35.3 13.2 53.2

66 60.1 22.3 62.3





#15

Benzyl Alcohol

Concen: 2.21 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF119675.D

Acq: 1 Apr 2020 15:27

Instrument :

BNA_F

ClientSampleId :

BUSH-WASH

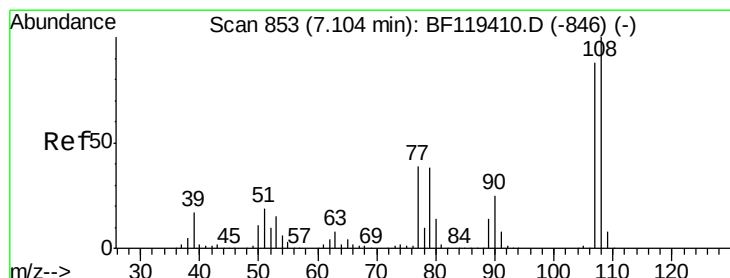
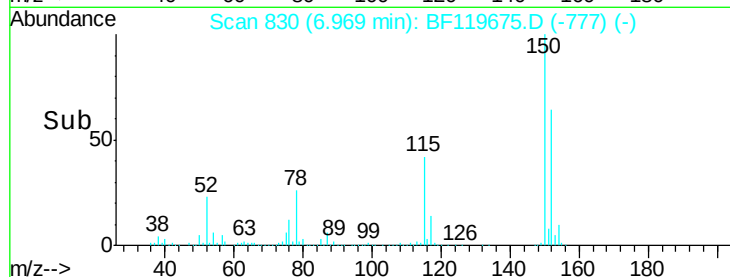
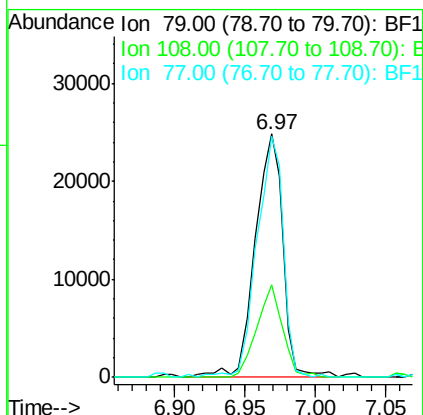
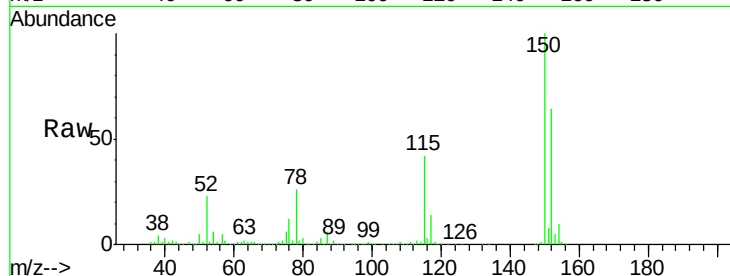
Tgt Ion: 79 Resp: 34561

Ion Ratio Lower Upper

79 100

108 37.9 60.6 90.8#

77 98.8 50.2 75.2#



#17

2-Methylphenol

Concen: 58.57 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.15 min

Lab File: BF119675.D

Acq: 1 Apr 2020 15:27

Tgt Ion: 107 Resp: 915457

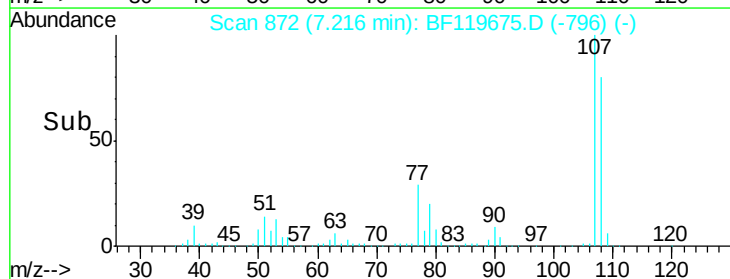
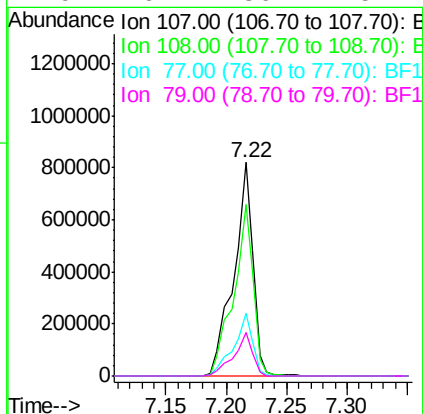
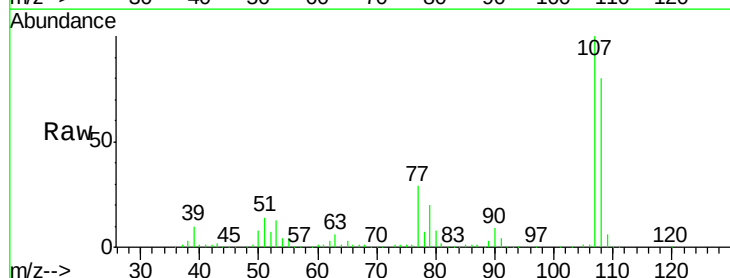
Ion Ratio Lower Upper

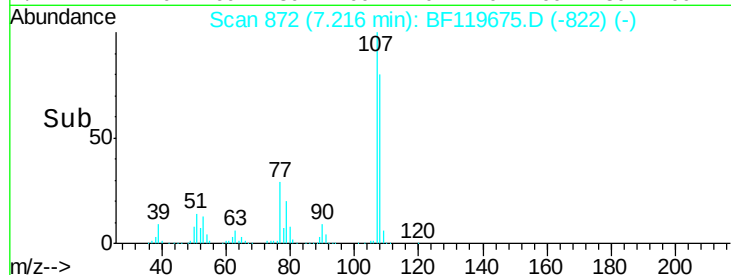
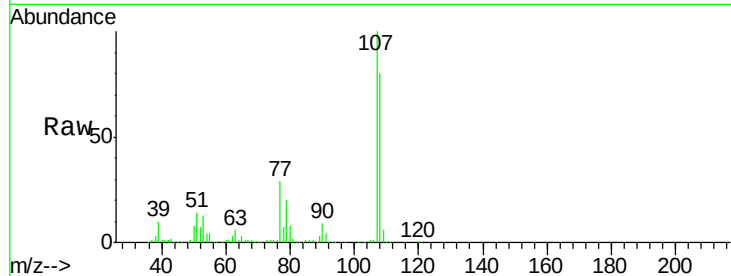
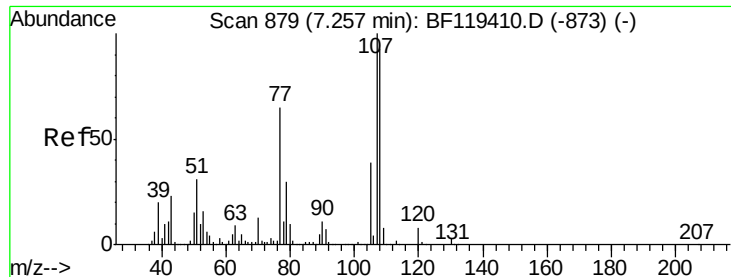
107 100

108 80.1 92.2 138.4#

77 29.3 36.6 54.8#

79 20.4 36.2 54.4#

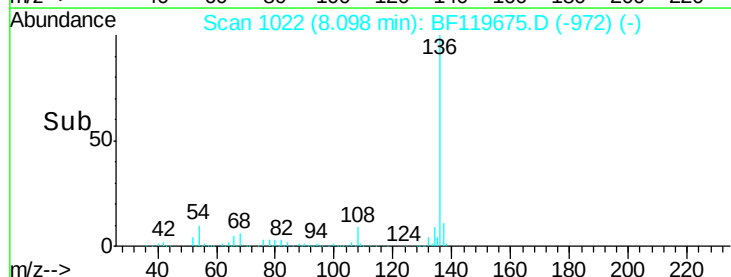
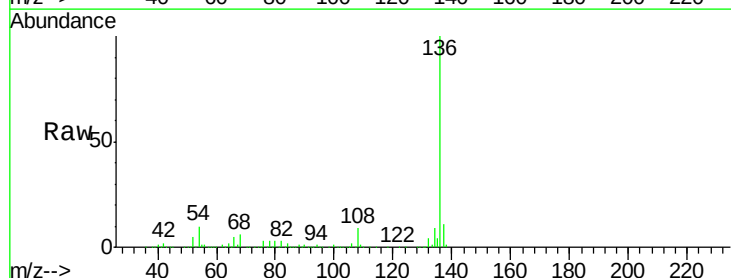
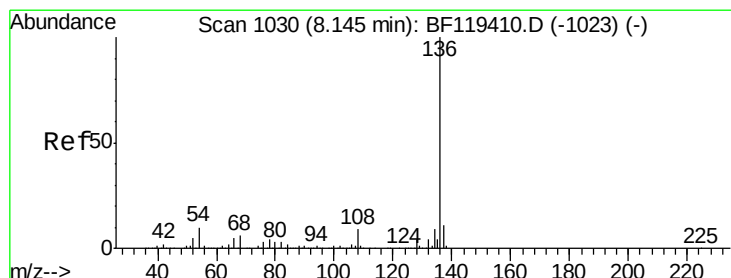
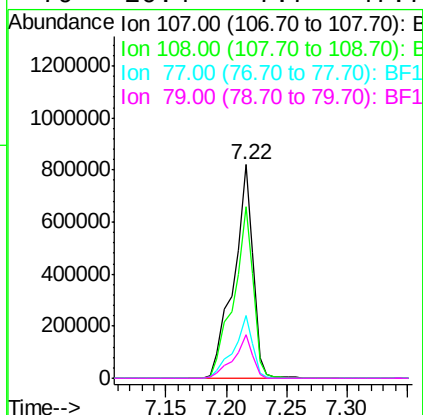




#20
3+4-Methylphenols
Concen: 47.79 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119675.D
Acq: 1 Apr 2020 15:27

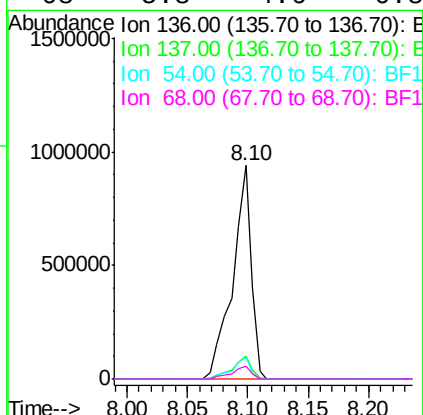
Instrument :
BNA_F
ClientSampleId :
BUSH-WASH

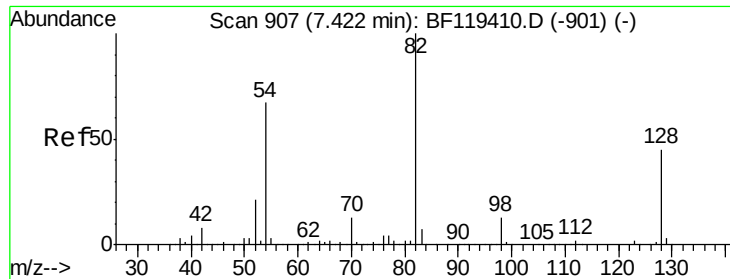
Tgt Ion:	107	Resp:	915457
Ion	Ratio	Lower	Upper
107	100		
108	80.1	67.9	107.9
77	29.3	52.9	92.9#
79	20.4	7.7	47.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119675.D
Acq: 1 Apr 2020 15:27

Tgt Ion:	136	Resp:	1010526
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	10.0	9.1	13.7
68	5.8	4.6	6.8

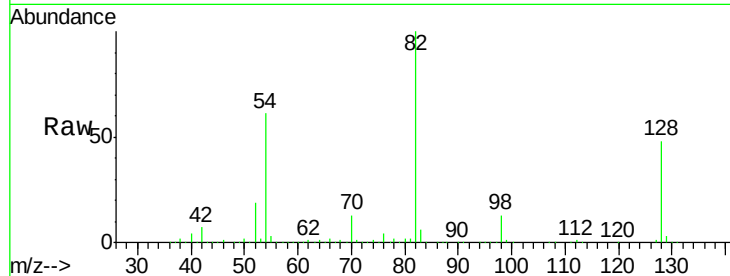




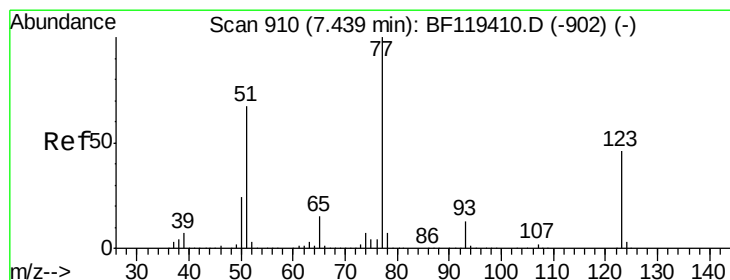
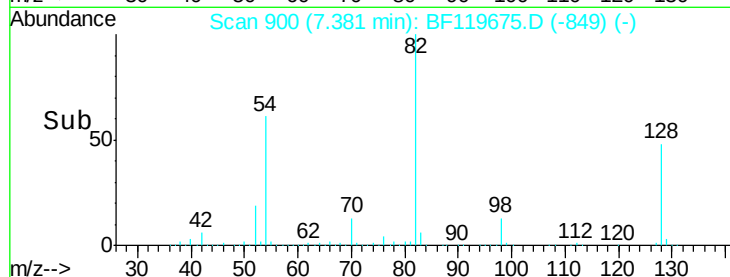
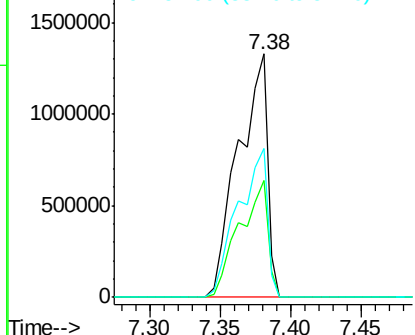
#23
 Nitrobenzene-d5
 Concen: 102.87 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF119675.D
 Acq: 1 Apr 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 BUSH-WASH

Tgt Ion: 82 Resp: 1912802
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.3 54.5
 54 61.3 50.6 75.8

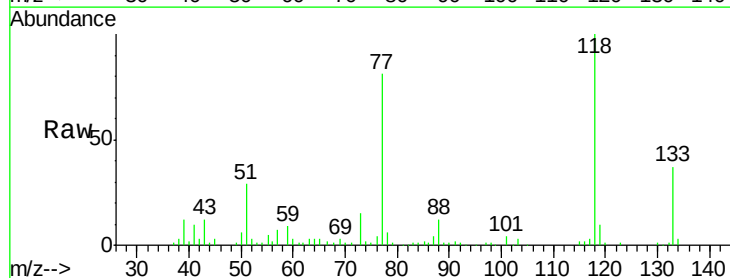


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

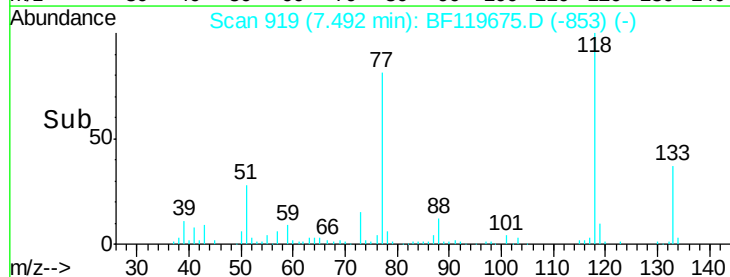
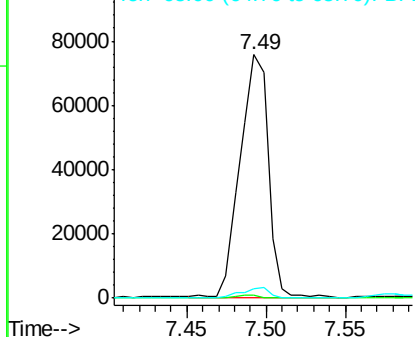


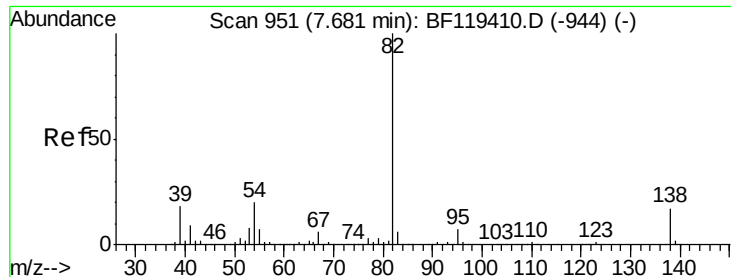
#24
 Nitrobenzene
 Concen: 4.67 ng
 RT: 7.49 min Scan# 919
 Delta R.T. 0.09 min
 Lab File: BF119675.D
 Acq: 1 Apr 2020 15:27

Tgt Ion: 77 Resp: 92762
 Ion Ratio Lower Upper
 77 100
 123 1.0 38.0 57.0#
 65 3.7 12.6 18.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 50.16 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF119675.D

Acq: 1 Apr 2020 15:27

Instrument :

BNA_F

ClientSampleId :

BUSH-WASH

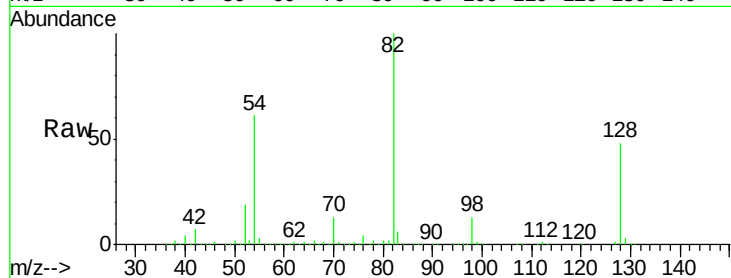
Tgt Ion: 82 Resp: 1891903

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

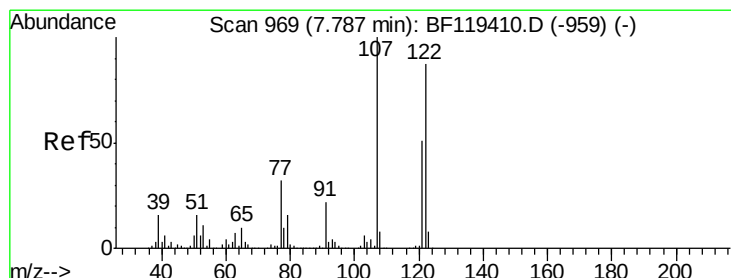
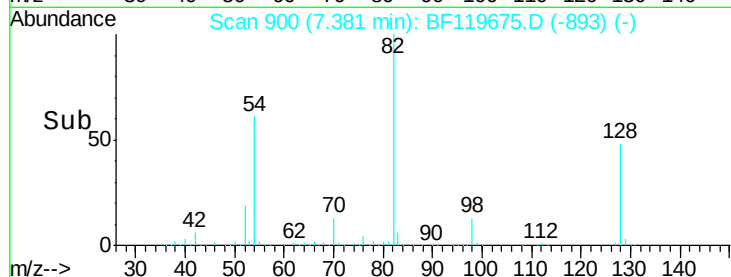
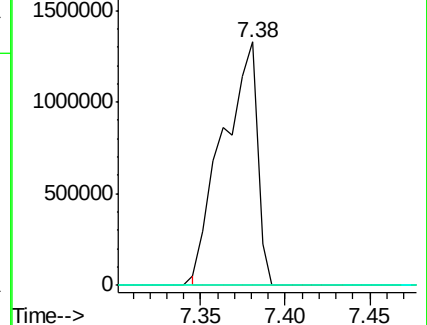
138 0.0 14.6 21.8#



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



#27

2,4-Dimethylphenol

Concen: 9.61 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.10 min

Lab File: BF119675.D

Acq: 1 Apr 2020 15:27

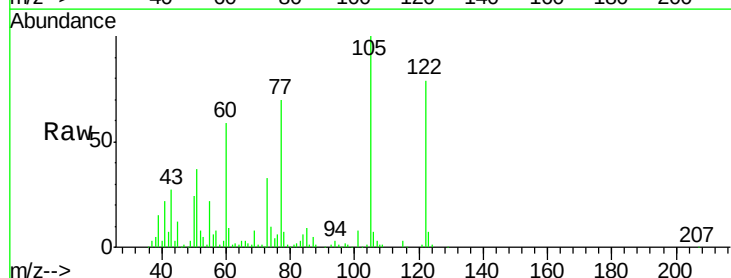
Tgt Ion: 122 Resp: 155544

Ion Ratio Lower Upper

122 100

107 4.1 89.0 133.6#

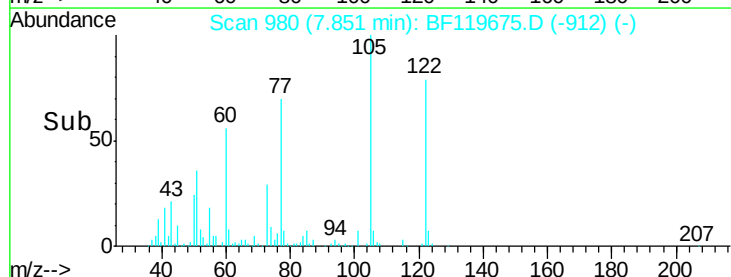
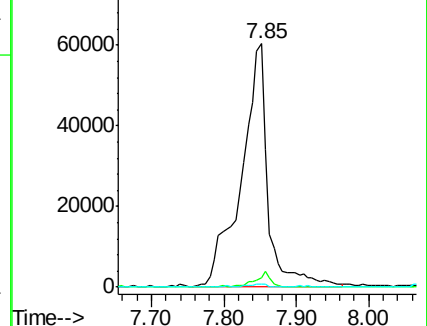
121 1.1 46.7 70.1#

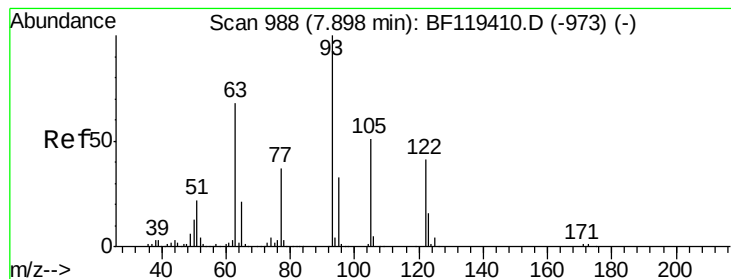


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#32

Benzoic acid

Concen: 14.95 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF119675.D

Acq: 1 Apr 2020 15:27

Instrument :

BNA_F

ClientSampleId :

BUSH-WASH

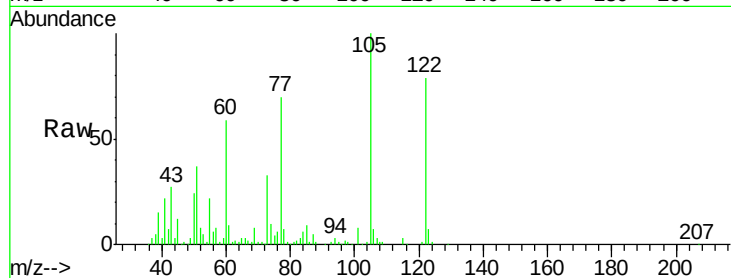
Tgt Ion:122 Resp: 155544

Ion Ratio Lower Upper

122 100

105 126.8 104.9 144.9

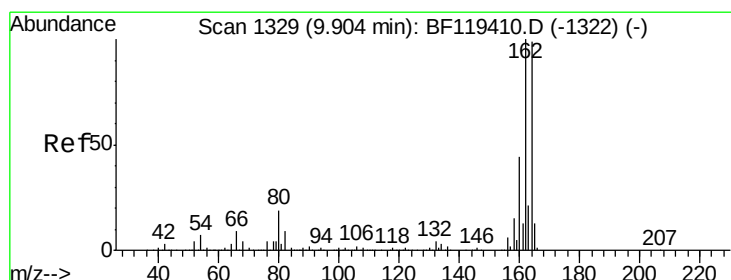
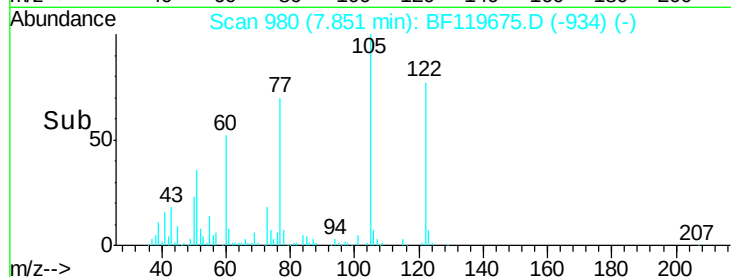
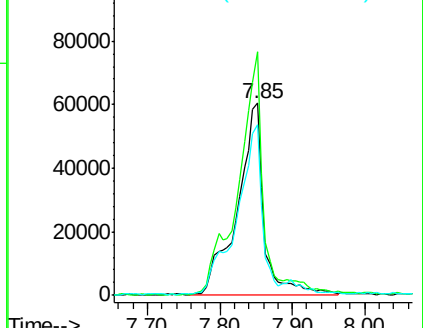
77 89.1 74.4 114.4



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: 20.00 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF119675.D

Acq: 1 Apr 2020 15:27

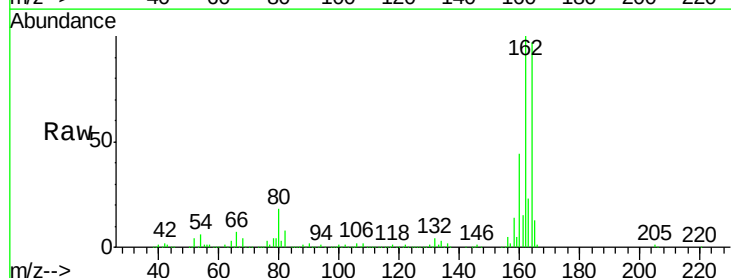
Tgt Ion:164 Resp: 524323

Ion Ratio Lower Upper

164 100

162 103.3 80.6 121.0

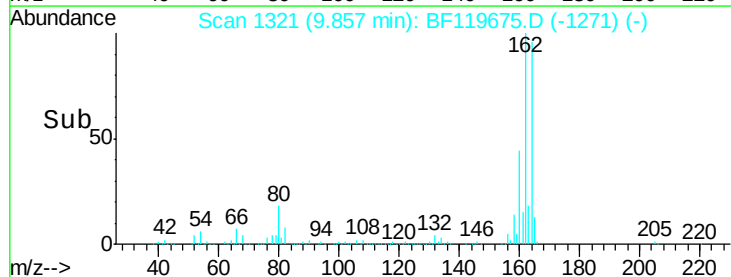
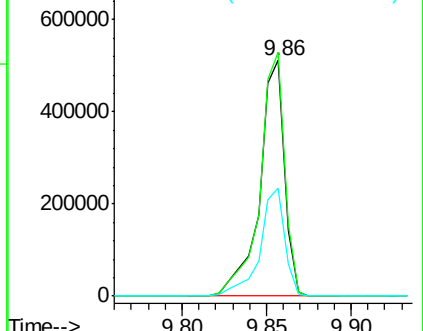
160 45.6 35.7 53.5

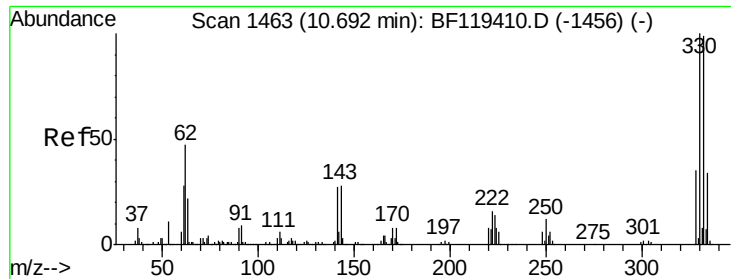


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

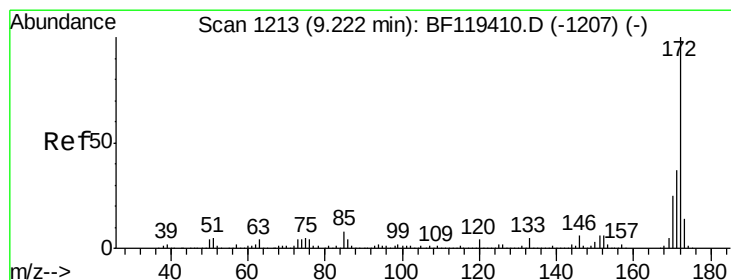
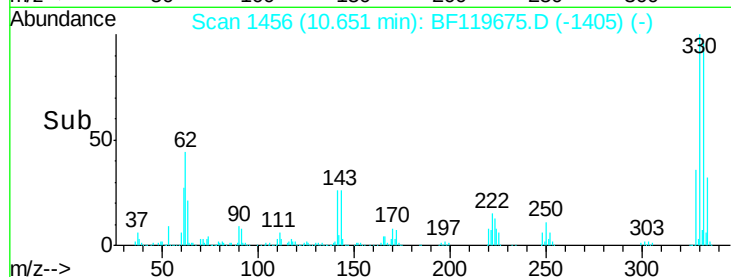
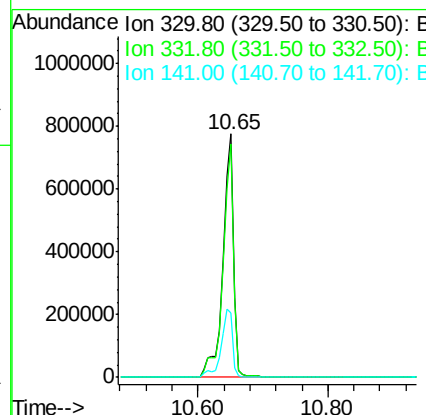
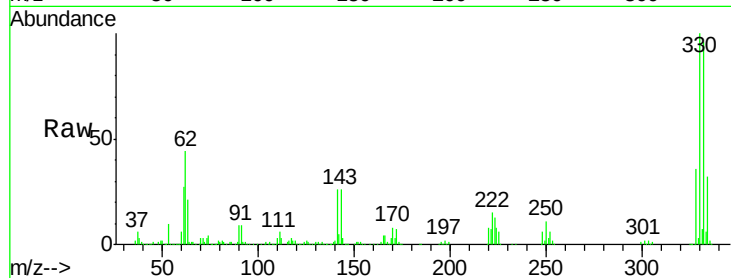




#42
 2,4,6-Tribromophenol
 Concen: 162.99 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BF119675.D
 Acq: 1 Apr 2020 15:27

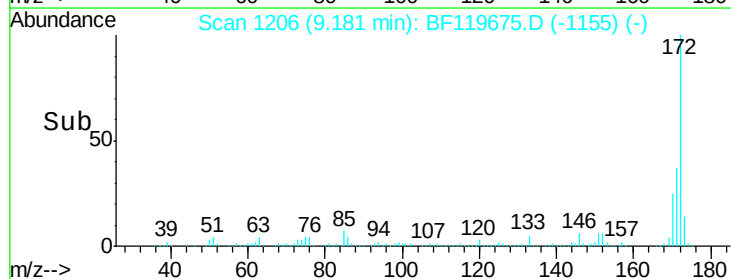
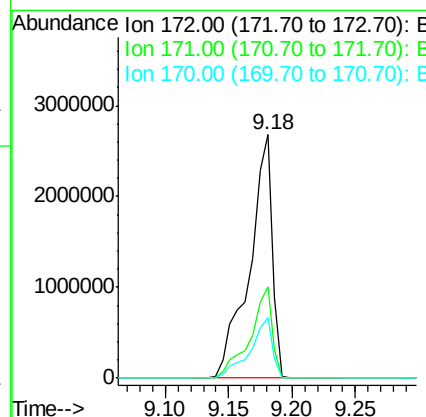
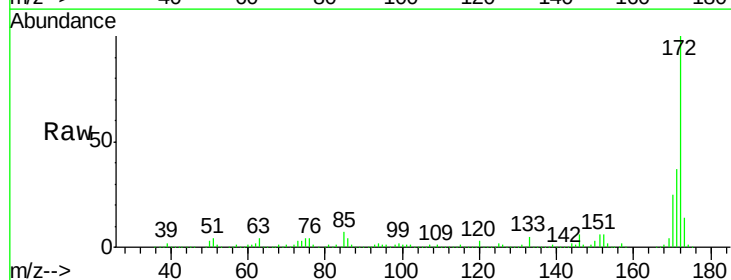
Instrument :
 BNA_F
 ClientSampleId :
 BUSH-WASH

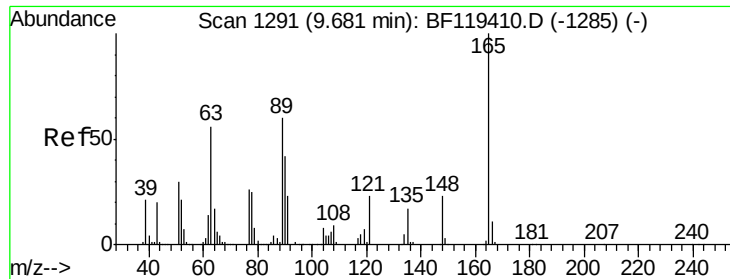
Tgt Ion:330 Resp: 881670
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.7 113.5
 141 30.1 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 95.75 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF119675.D
 Acq: 1 Apr 2020 15:27

Tgt Ion:172 Resp: 3388886
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 24.7 20.2 30.2

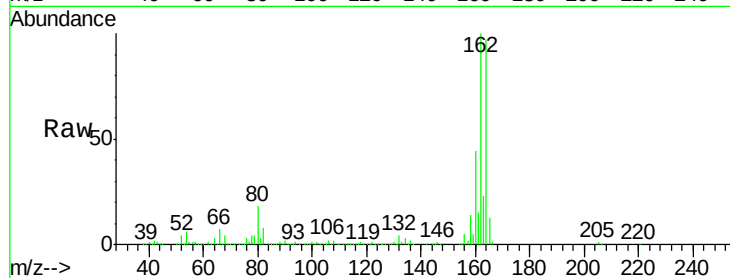




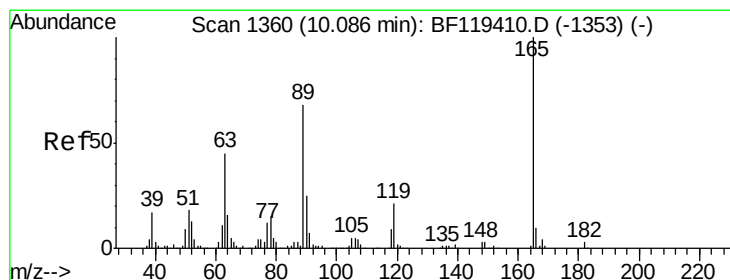
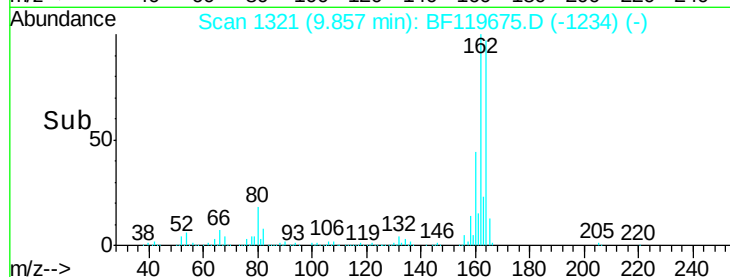
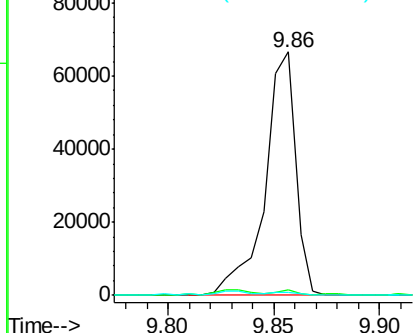
#51
 2,6-Dinitrotoluene
 Concen: 8.46 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.21 min
 Lab File: BF119675.D
 Acq: 1 Apr 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 BUSH-WASH

Tgt Ion:165 Resp: 67547
 Ion Ratio Lower Upper
 165 100
 63 2.1 45.0 67.4#
 89 1.2 41.5 62.3#

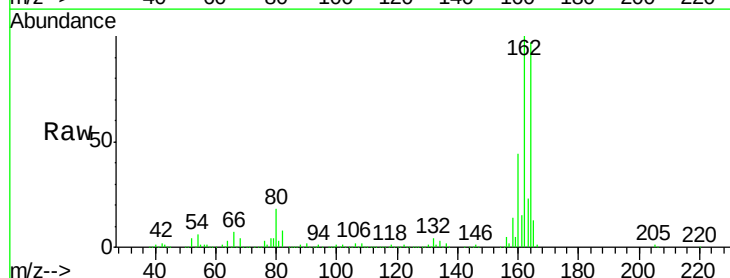


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

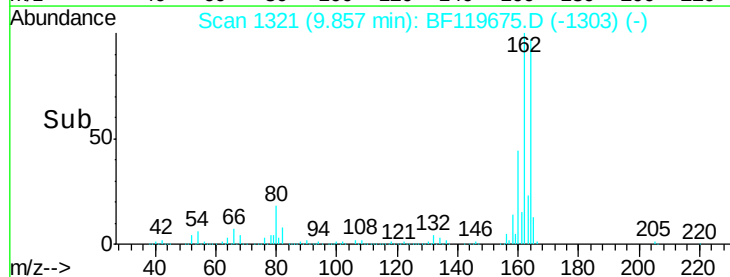
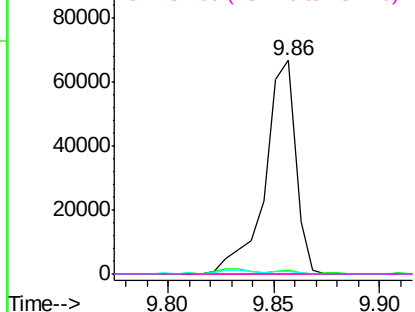


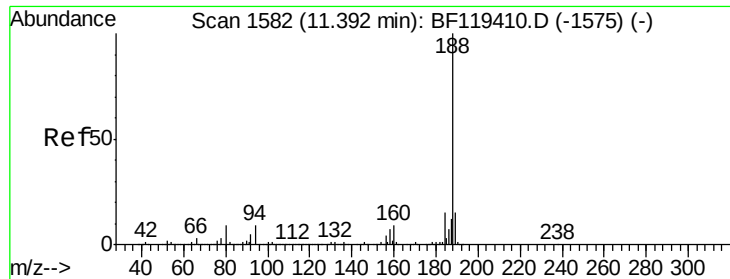
#57
 2,4-Dinitrotoluene
 Concen: 6.72 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.19 min
 Lab File: BF119675.D
 Acq: 1 Apr 2020 15:27

Tgt Ion:165 Resp: 67547
 Ion Ratio Lower Upper
 165 100
 63 2.1 42.6 64.0#
 89 1.2 61.0 91.4#
 182 0.0 2.2 3.2#



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: 20.00 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF119675.D

Acq: 1 Apr 2020 15:27

Instrument :

BNA_F

ClientSampleId :

BUSH-WASH

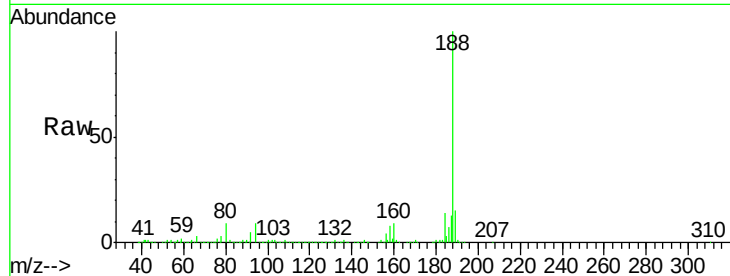
Tgt Ion:188 Resp: 1034173

Ion Ratio Lower Upper

188 100

94 8.5 7.5 11.3

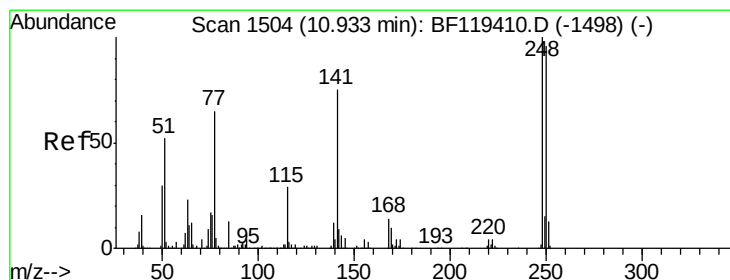
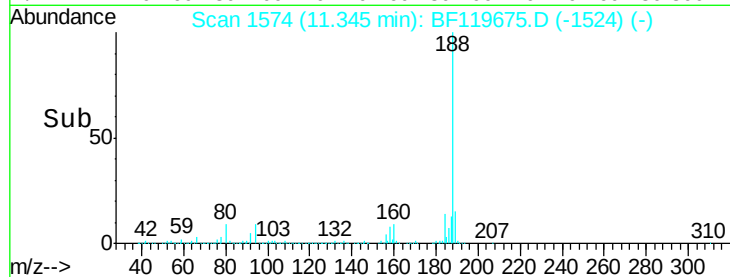
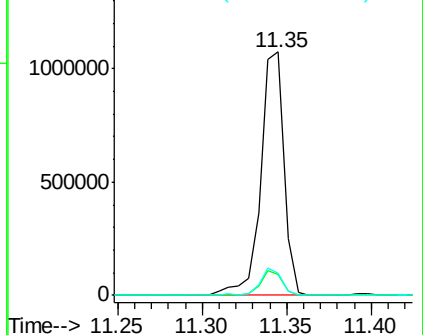
80 9.1 9.0 13.4



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: 4.41 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.24 min

Lab File: BF119675.D

Acq: 1 Apr 2020 15:27

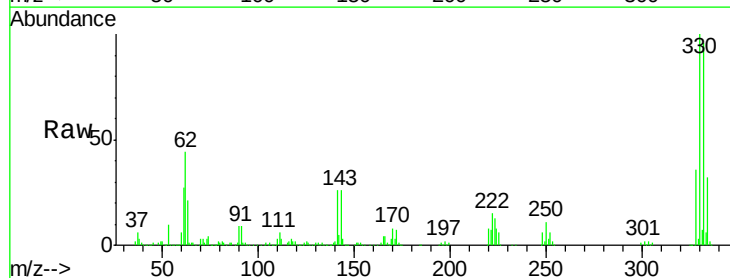
Tgt Ion:248 Resp: 51987

Ion Ratio Lower Upper

248 100

250 199.5 77.3 115.9#

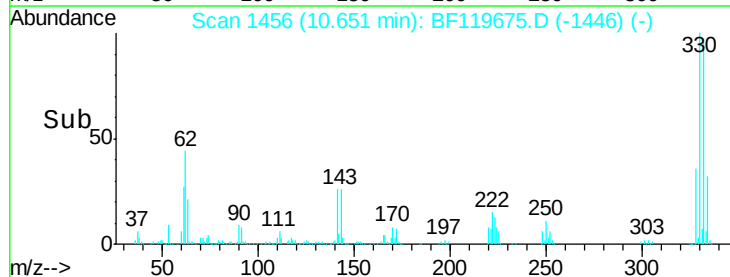
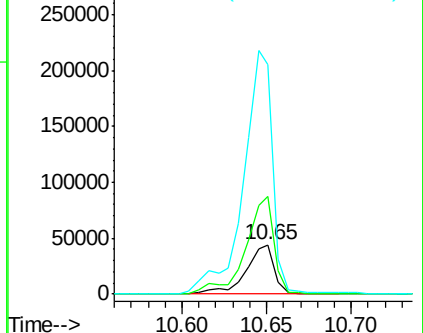
141 468.2 58.6 87.8#

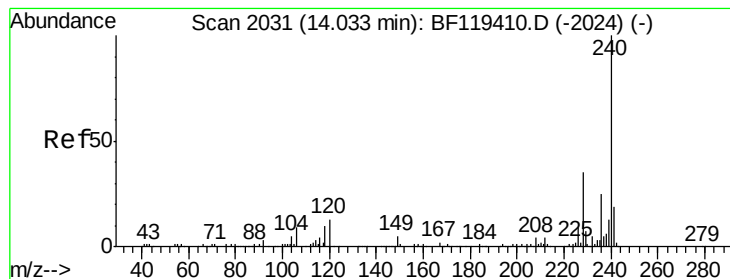


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF119675.D

Acq: 1 Apr 2020 15:27

Instrument :

BNA_F

ClientSampleId :

BUSH-WASH

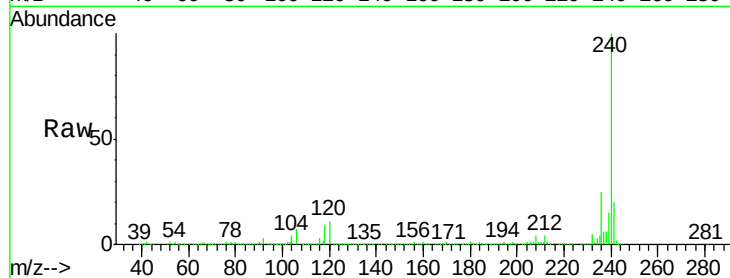
Tgt Ion:240 Resp: 850524

Ion Ratio Lower Upper

240 100

120 10.9 10.6 15.8

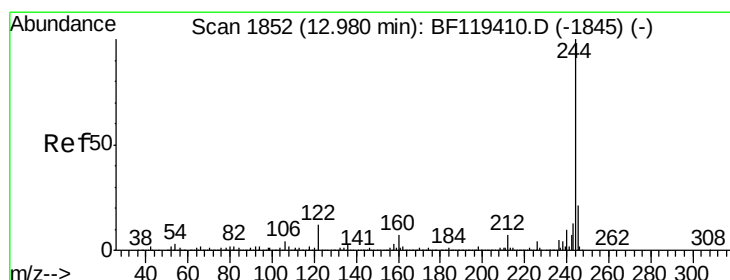
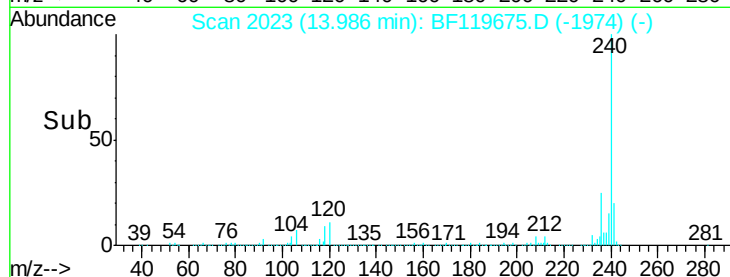
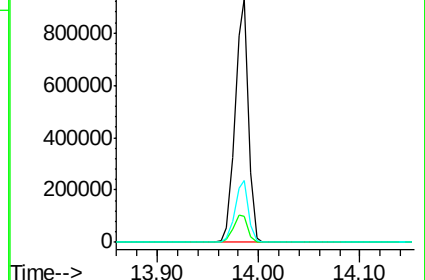
236 25.3 20.2 30.2



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: 91.32 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF119675.D

Acq: 1 Apr 2020 15:27

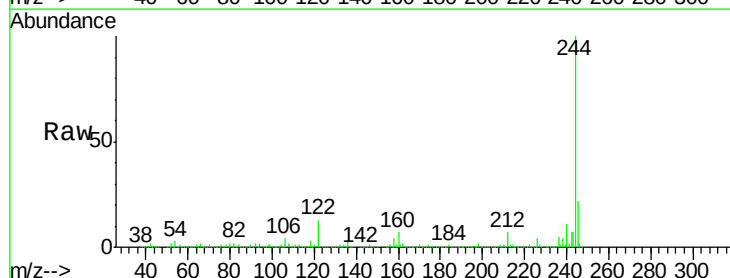
Tgt Ion:244 Resp: 3964258

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

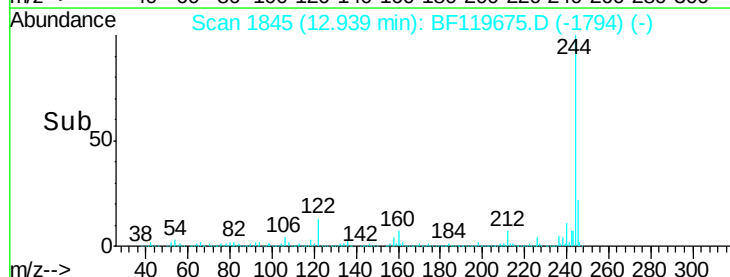
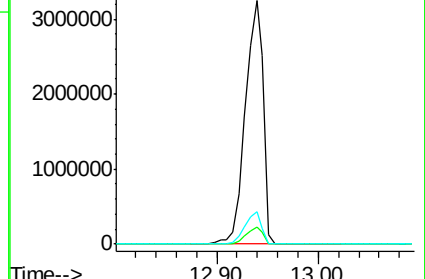
122 13.3 10.3 15.5

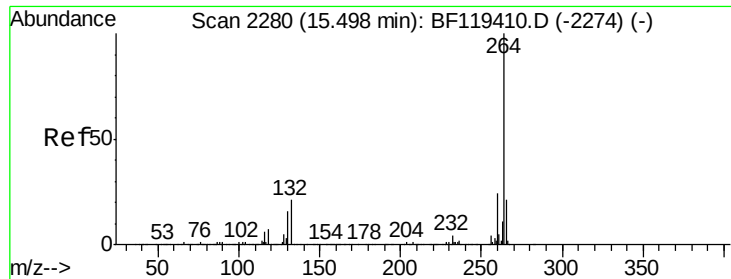


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF119675.D
Acq: 1 Apr 2020 15:27

Instrument :
BNA_F
ClientSampleId :
BUSH-WASH

Tgt Ion: 264 Resp: 817590
Ion Ratio Lower Upper
264 100
260 24.8 18.7 28.1
265 22.6 17.7 26.5

