

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119680.D
 Acq On : 1 Apr 2020 17:42
 Operator : MA/SJ
 Sample : L2072-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Quant Time: Apr 02 00:08:06 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	218241	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	832223	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	430765	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	837703	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	715274	20.00	ng	-0.02
87) Perylene-d12	15.44	264	713254	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1886582	137.61	ng	0.02
7) Phenol-d6	6.45	99	2227057	127.17	ng	0.00
23) Nitrobenzene-d5	7.38	82	1599197	104.43	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	721271	162.30	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2866850	98.60	ng	0.00
79) Terphenyl-d14	12.94	244	3383646	92.68	ng	0.00

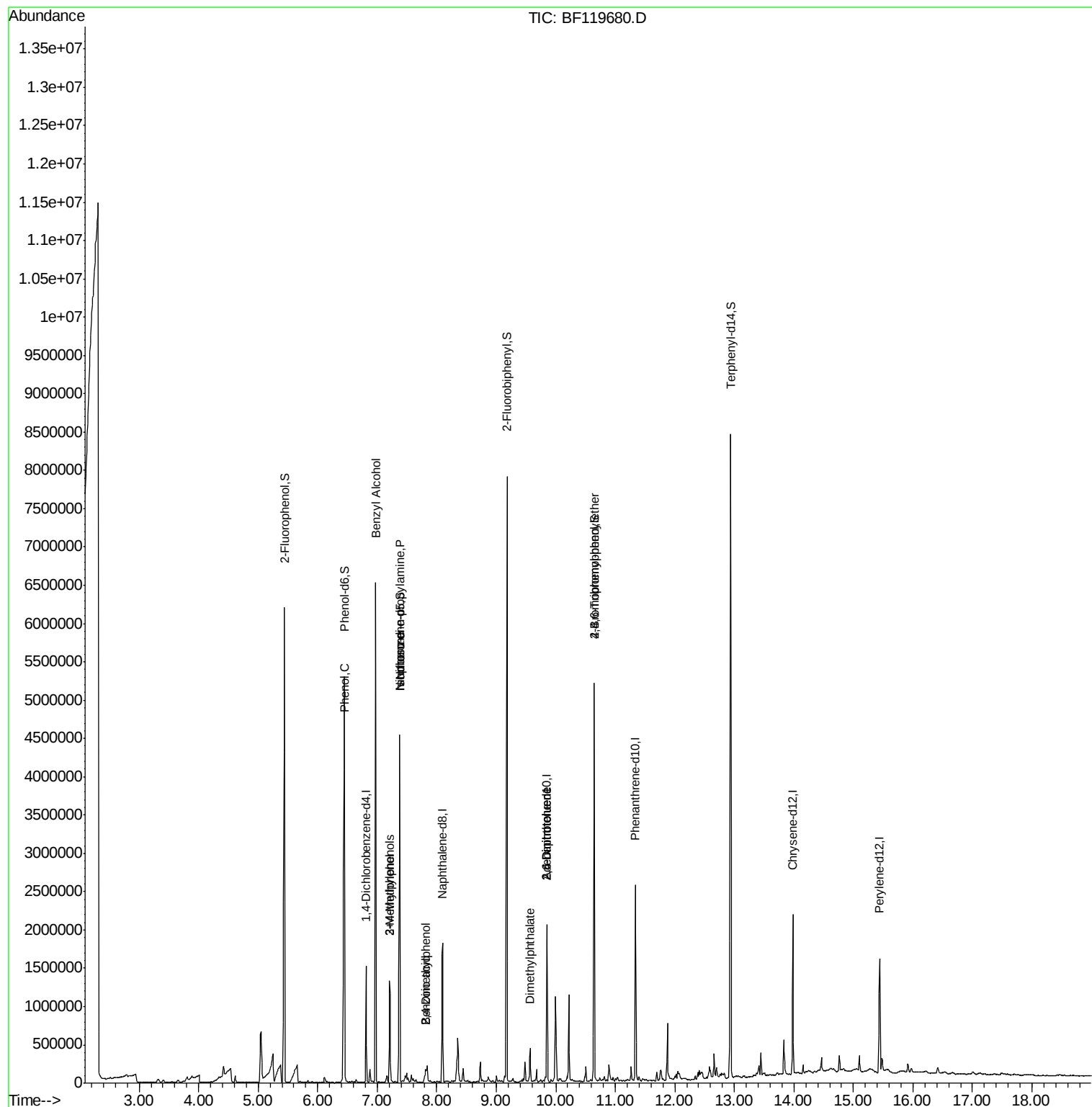
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.46	94	52156	2.79	ng	95
15) Benzyl Alcohol	6.97	79	27572	2.09	ng	# 49
17) 2-Methylphenol	7.21	107	315691	23.93	ng	# 69
19) n-Nitroso-di-n-propylamine	7.38	70	212377	20.12	ng	# 73
20) 3+4-Methylphenols	7.21	107	315691	19.53	ng	# 75
25) Isophorone	7.38	82	1596847	51.41	ng	# 65
27) 2,4-Dimethylphenol	7.82	122	52191	3.92	ng	# 6
32) Benzoic acid	7.82	122	52191	6.09	ng	87
50) Dimethylphthalate	9.57	163	146643	4.79	ng	98
51) 2,6-Dinitrotoluene	9.85	165	55375	8.44	ng	# 26
57) 2,4-Dinitrotoluene	9.85	165	55375	6.70	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	42856	4.49	ng	# 1

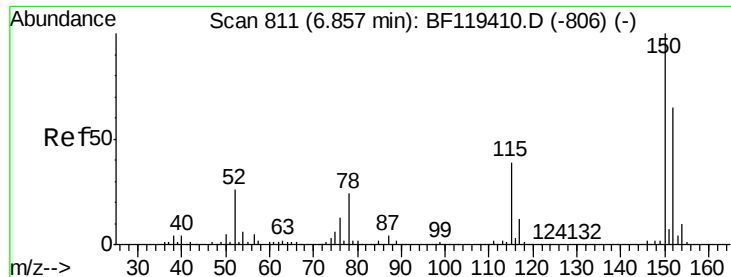
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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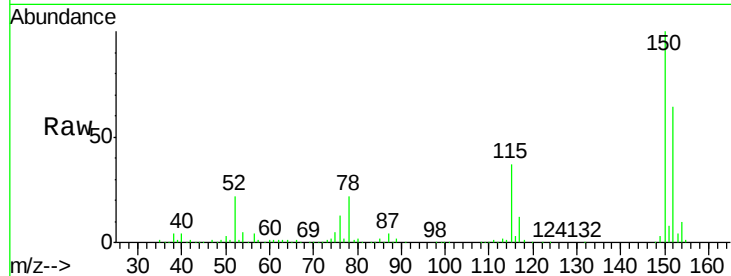


#1

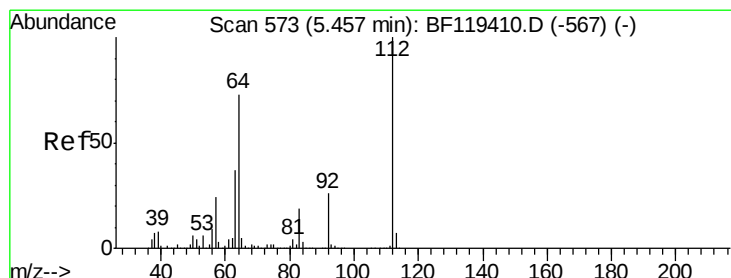
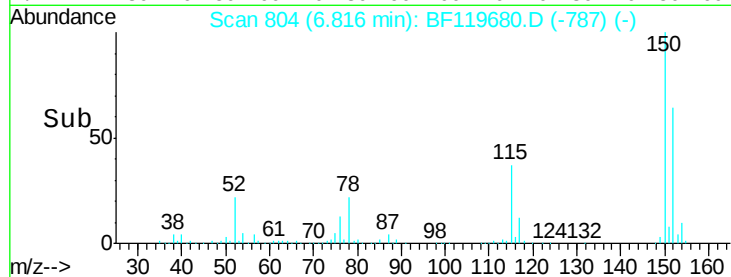
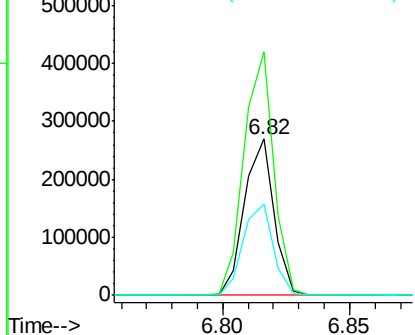
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF119680.D
Acq: 1 Apr 2020 17:42

Instrument :
BNA_F
ClientSampleId :
BUS-WASH

Tgt Ion:152 Resp: 218241
Ion Ratio Lower Upper
152 100
150 156.0 124.5 186.7
115 58.5 49.6 74.4



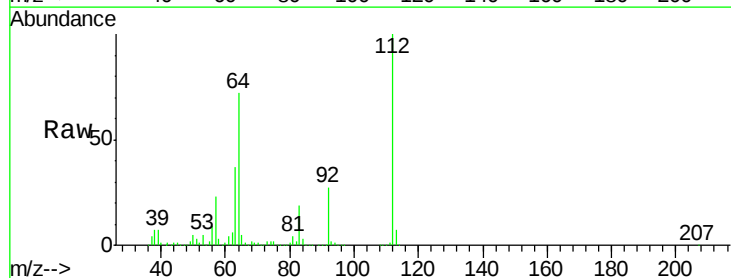
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



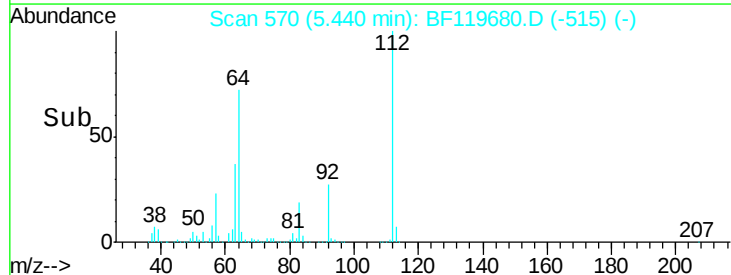
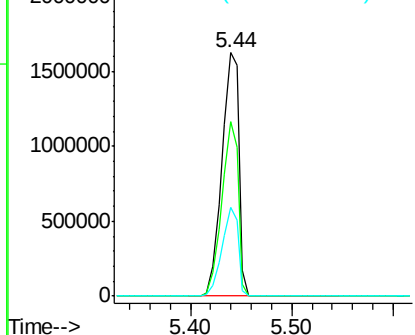
#5

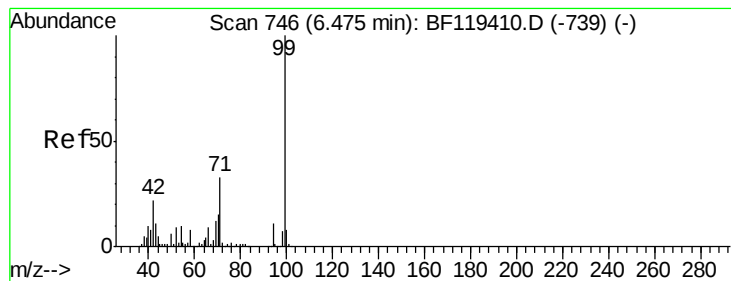
2-Fluorophenol
Concen: 137.61 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF119680.D
Acq: 1 Apr 2020 17:42

Tgt Ion:112 Resp: 1886582
Ion Ratio Lower Upper
112 100
64 71.7 56.7 85.1
63 36.6 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: 127.17 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119680.D

Acq: 1 Apr 2020 17:42

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

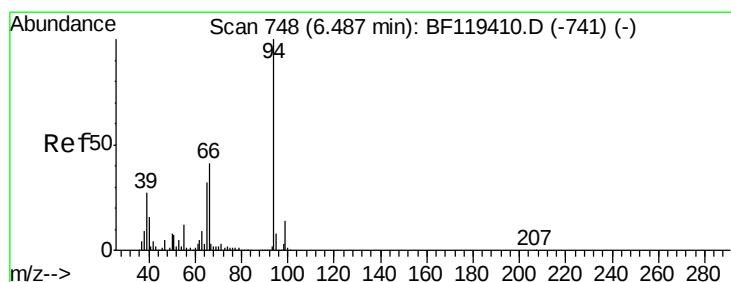
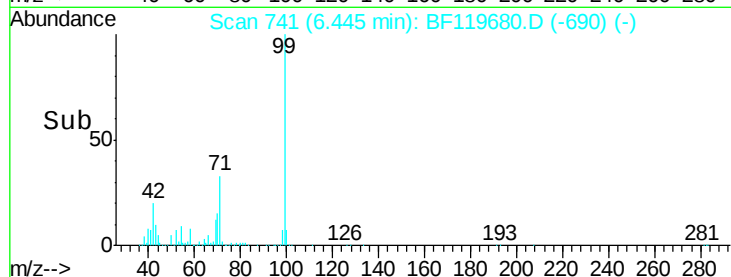
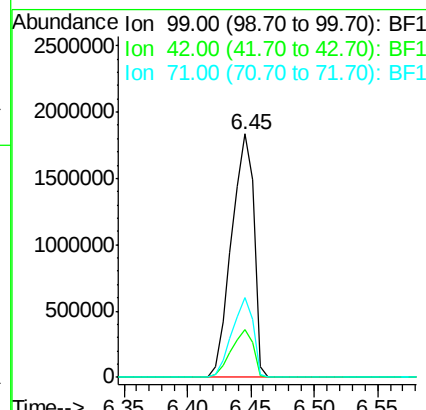
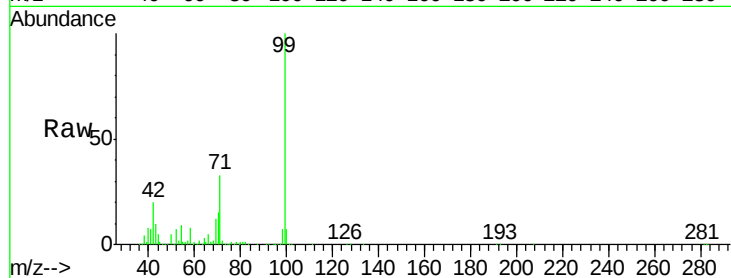
Tgt Ion: 99 Resp: 2227057

Ion Ratio Lower Upper

99 100

42 19.7 16.6 24.8

71 32.9 26.4 39.6



#10

Phenol

Concen: 2.79 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF119680.D

Acq: 1 Apr 2020 17:42

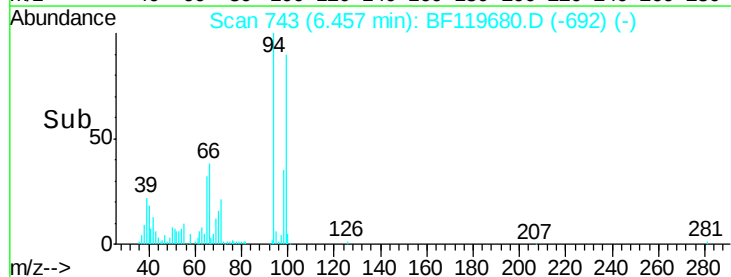
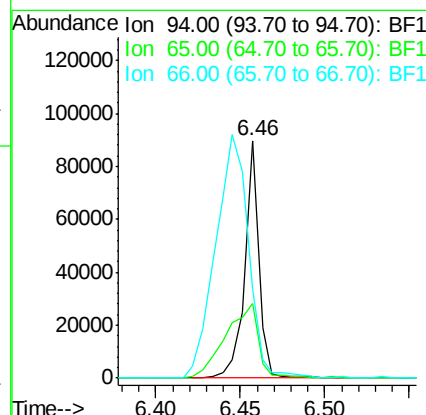
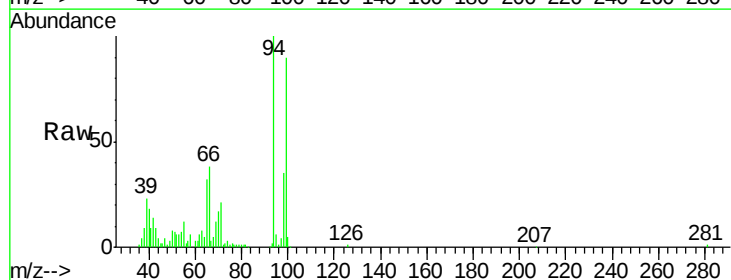
Tgt Ion: 94 Resp: 52156

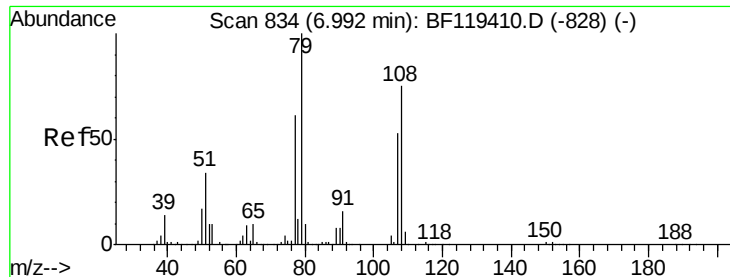
Ion Ratio Lower Upper

94 100

65 31.6 13.2 53.2

66 37.6 22.3 62.3





#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.02 min

Lab File: BF119680.D

Acq: 1 Apr 2020 17:42

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

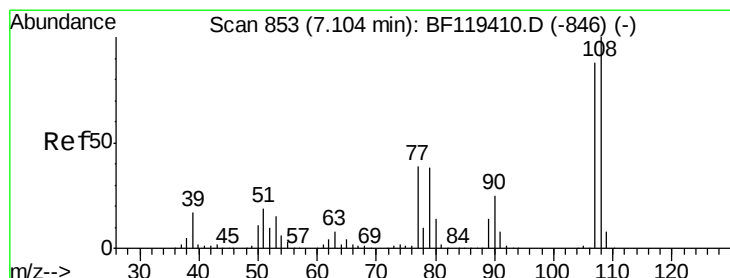
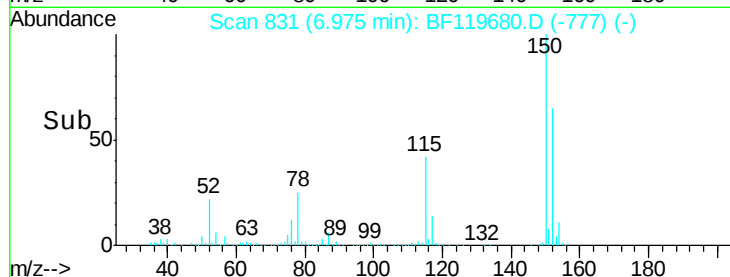
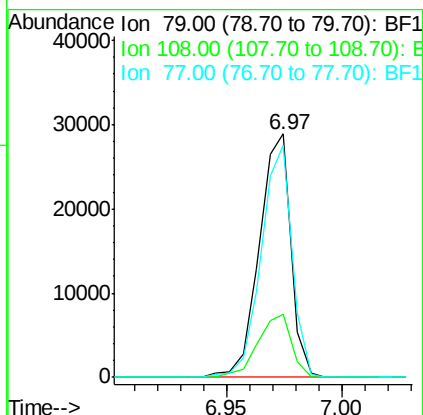
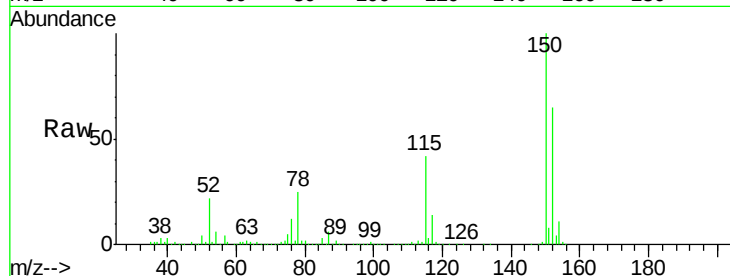
Tgt Ion: 79 Resp: 27572

Ion Ratio Lower Upper

79 100

108 25.9 60.6 90.8#

77 95.3 50.2 75.2#



#17

2-Methylphenol

Concen: 23.93 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.14 min

Lab File: BF119680.D

Acq: 1 Apr 2020 17:42

Tgt Ion: 107 Resp: 315691

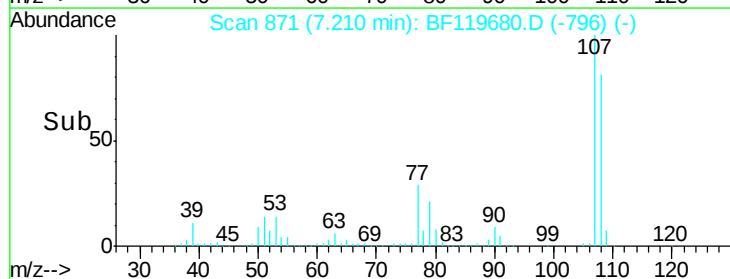
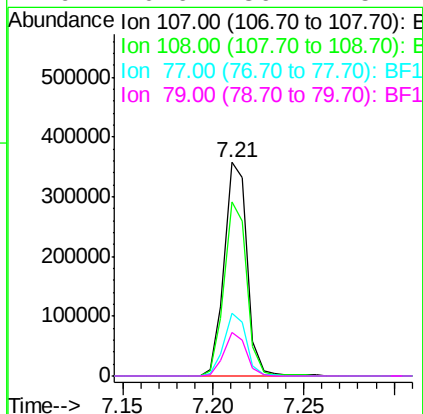
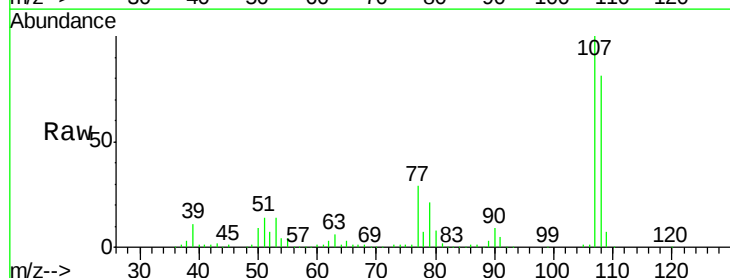
Ion Ratio Lower Upper

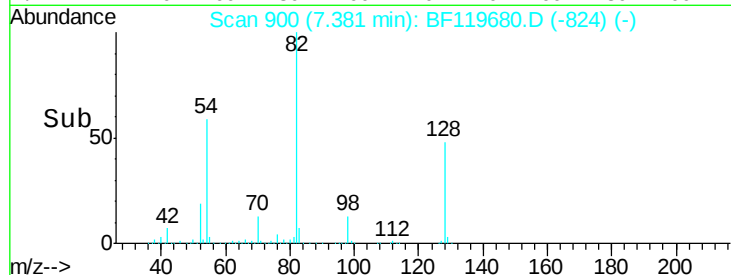
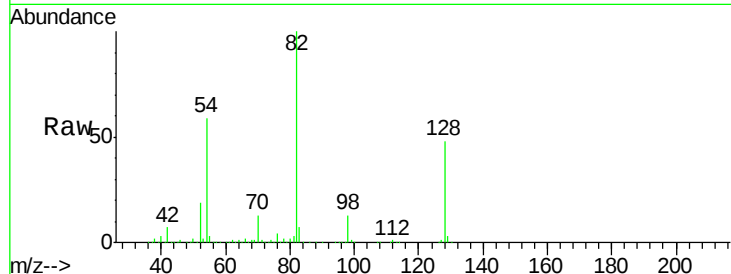
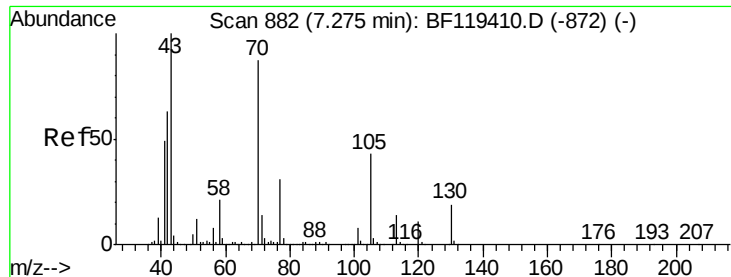
107 100

108 81.3 92.2 138.4#

77 29.3 36.6 54.8#

79 20.6 36.2 54.4#

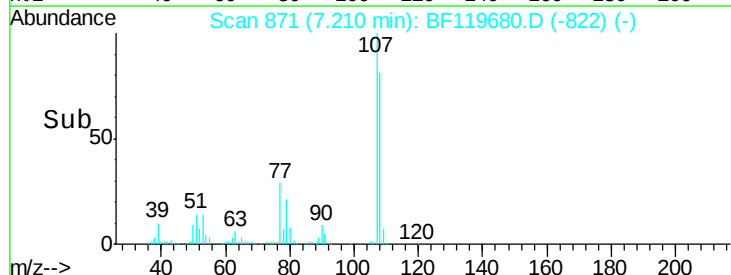
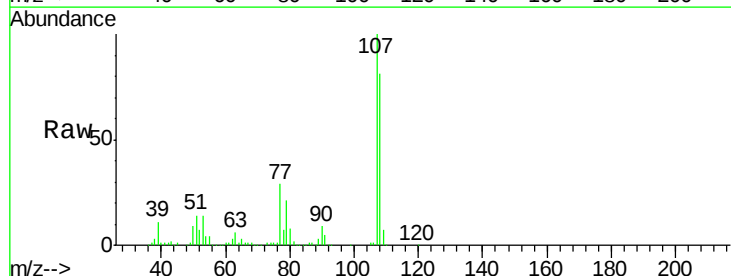
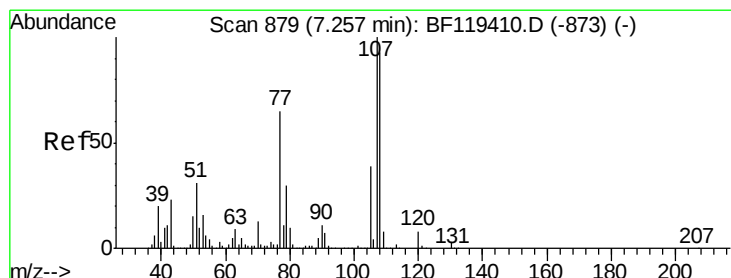
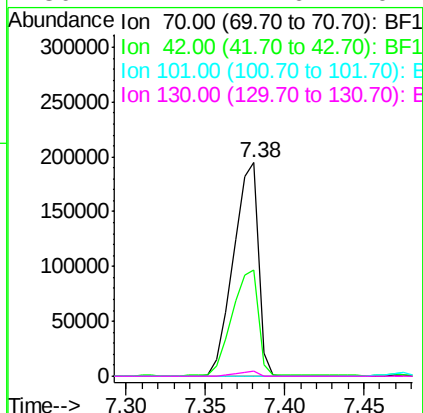




#19
n-Nitroso-di-n-propylamine
Concen: 20.12 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF119680.D
Acq: 1 Apr 2020 17:42

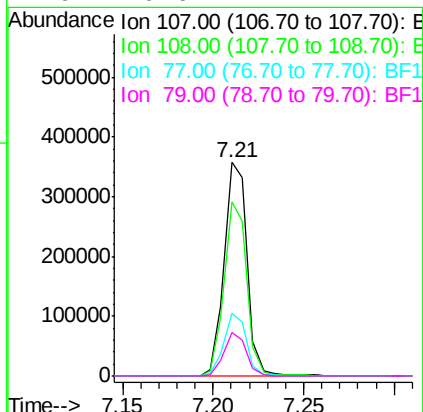
Instrument :
BNA_F
ClientSampleId :
BUS-WASH

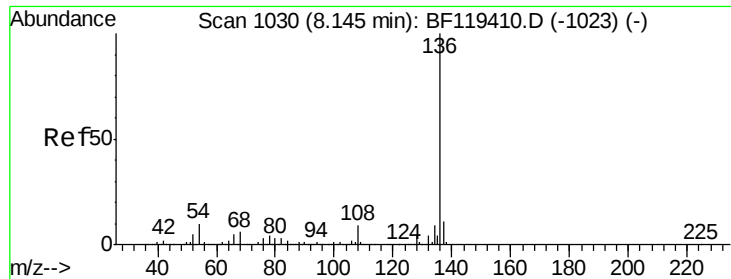
Tgt Ion: 70 Resp: 212377
Ion Ratio Lower Upper
70 100
42 49.9 54.5 81.7#
101 0.0 7.6 11.4#
130 2.2 17.6 26.4#



#20
3+4-Methylphenols
Concen: 19.53 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF119680.D
Acq: 1 Apr 2020 17:42

Tgt Ion: 107 Resp: 315691
Ion Ratio Lower Upper
107 100
108 81.3 67.9 107.9
77 29.3 52.9 92.9#
79 20.6 7.7 47.7

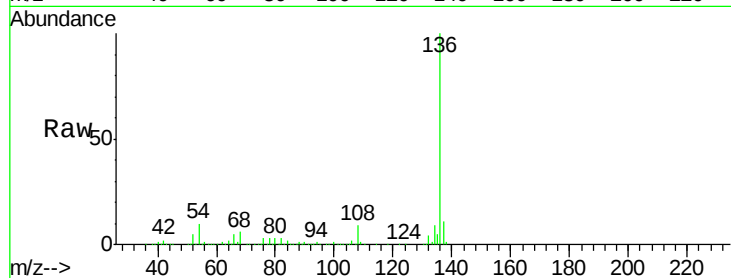




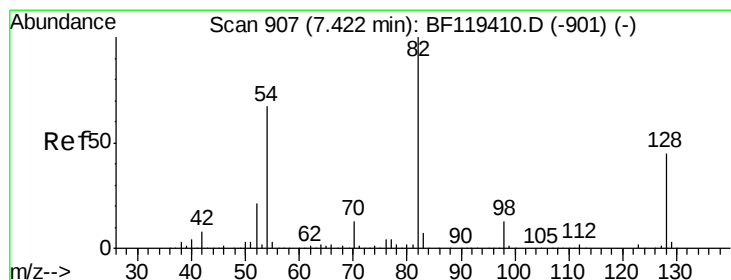
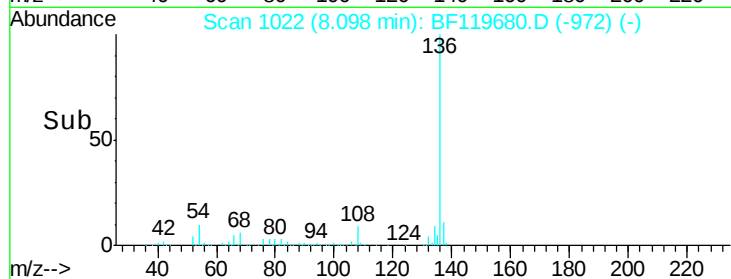
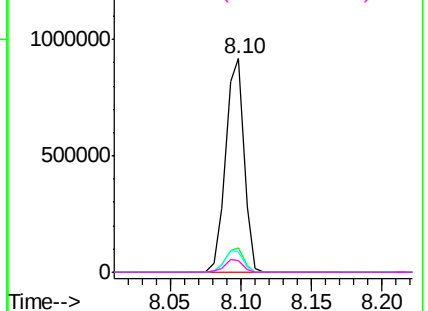
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119680.D
Acq: 1 Apr 2020 17:42

Instrument :
BNA_F
ClientSampleId :
BUS-WASH

Tgt Ion:	136	Resp:	832223
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.6	9.1	13.7
68	5.6	4.6	6.8

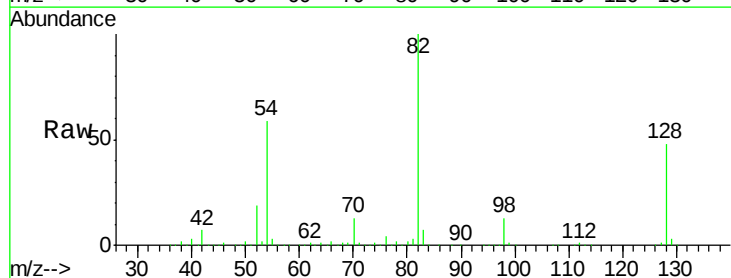


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

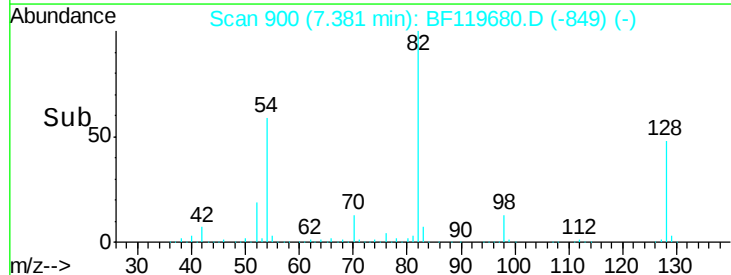
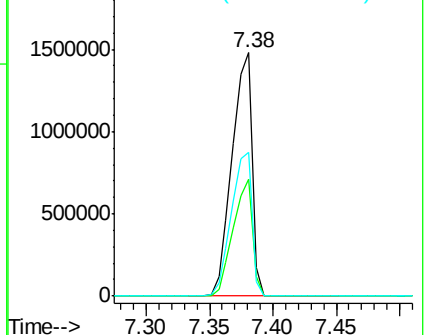


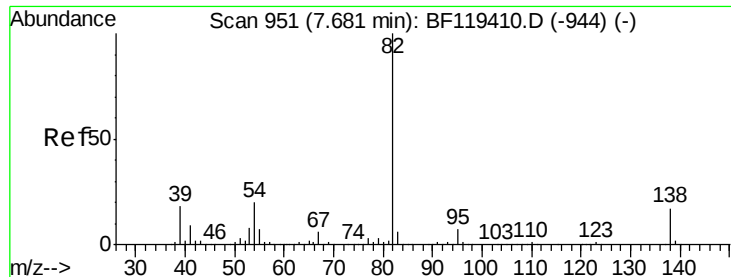
#23
Nitrobenzene-d5
Concen: 104.43 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF119680.D
Acq: 1 Apr 2020 17:42

Tgt Ion:	82	Resp:	1599197
Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.3	54.5
54	59.2	50.6	75.8



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: 51.41 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF119680.D

Acq: 1 Apr 2020 17:42

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

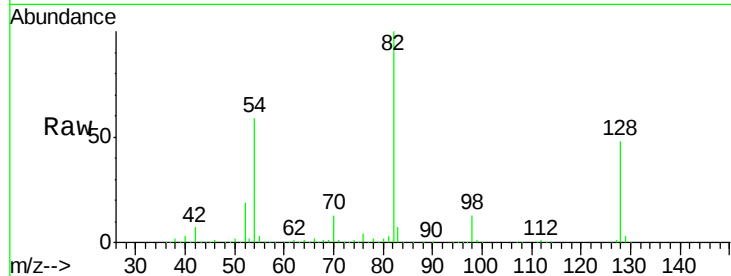
Tgt Ion: 82 Resp: 1596847

Ion Ratio Lower Upper

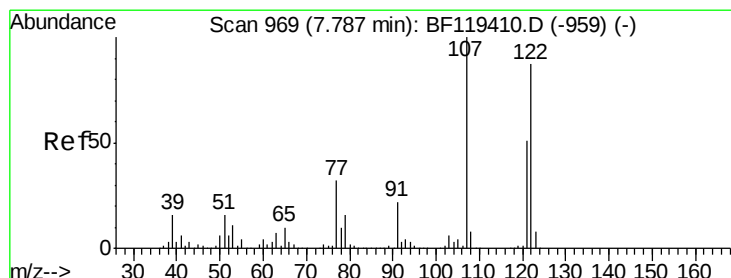
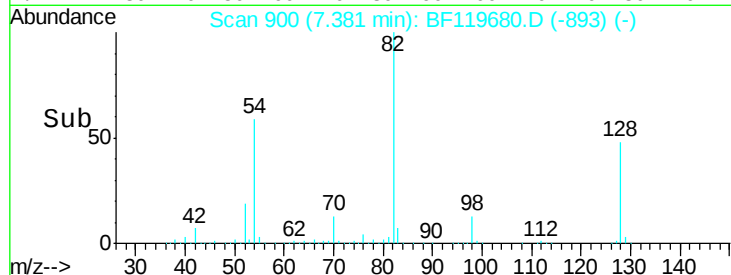
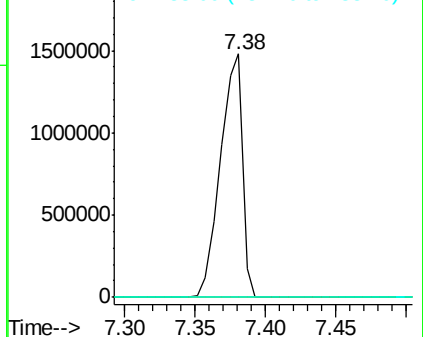
82 100

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: 3.92 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.06 min

Lab File: BF119680.D

Acq: 1 Apr 2020 17:42

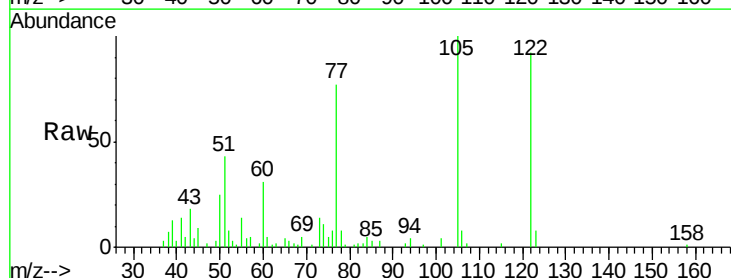
Tgt Ion: 122 Resp: 52191

Ion Ratio Lower Upper

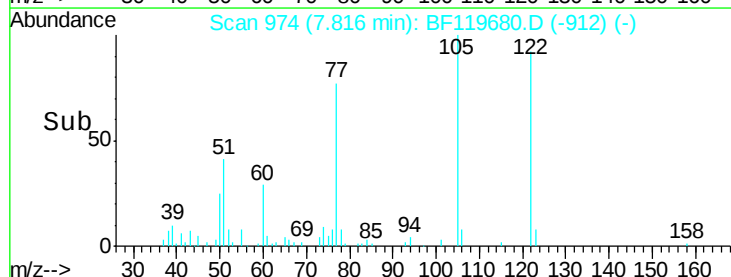
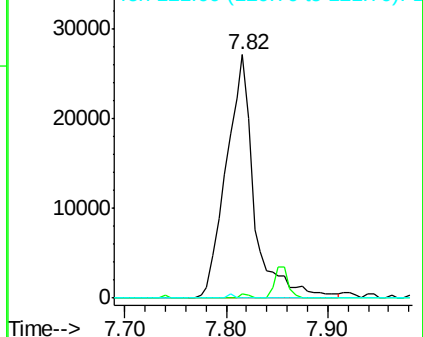
122 100

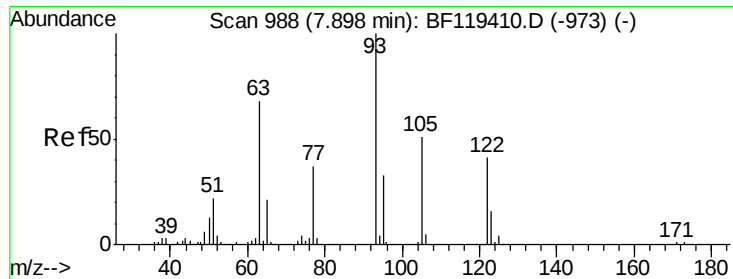
107 1.9 89.0 133.6#

121 0.0 46.7 70.1#



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 107.00 (106.70 to 107.70): BF1
Ion 121.00 (120.70 to 121.70): BF1

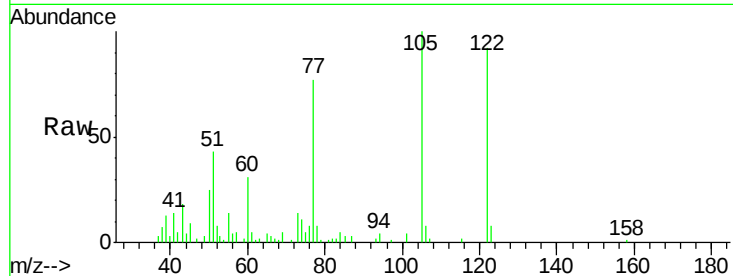




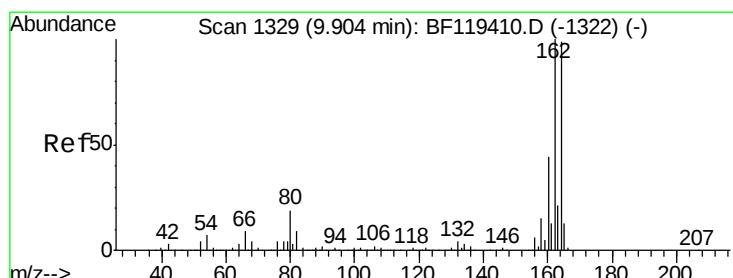
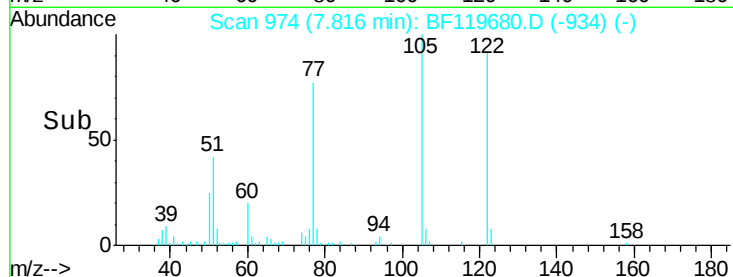
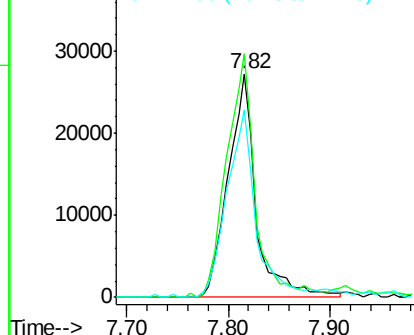
#32
Benzoic acid
Concen: 6.09 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.06 min
Lab File: BF119680.D
Acq: 1 Apr 2020 17:42

Instrument :
BNA_F
ClientSampleId :
BUS-WASH

Tgt Ion:122 Resp: 52191
Ion Ratio Lower Upper
122 100
105 109.1 104.9 144.9
77 83.9 74.4 114.4

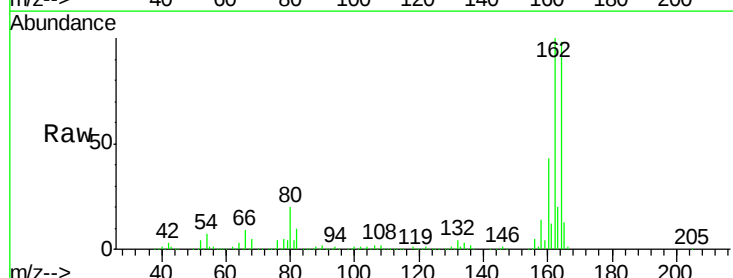


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

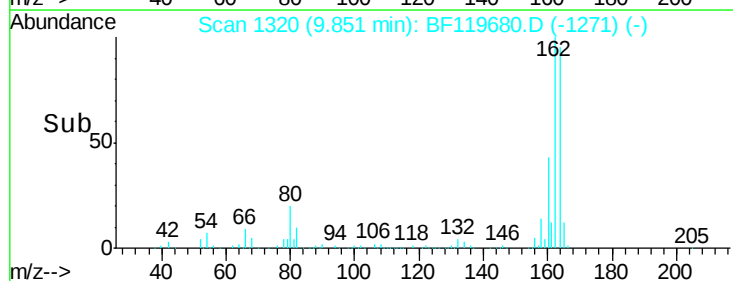
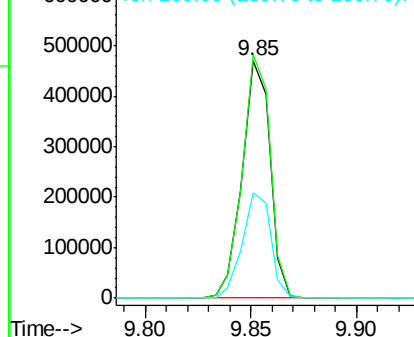


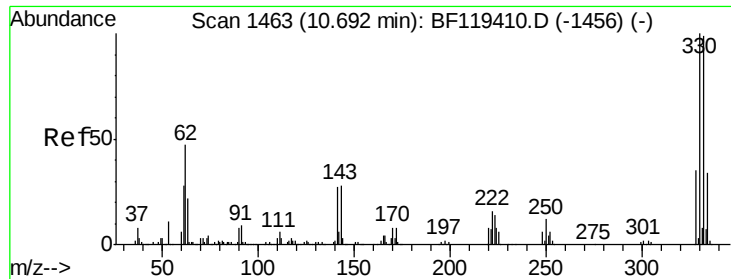
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119680.D
Acq: 1 Apr 2020 17:42

Tgt Ion:164 Resp: 430765
Ion Ratio Lower Upper
164 100
162 102.4 80.6 121.0
160 44.3 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

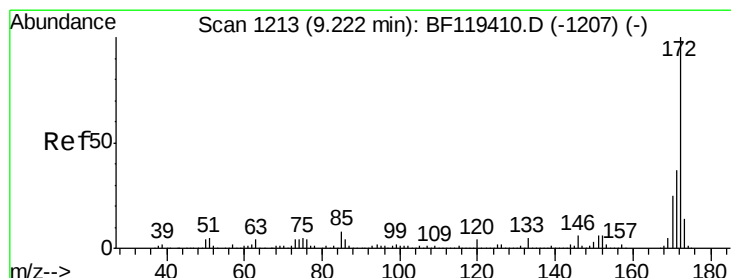
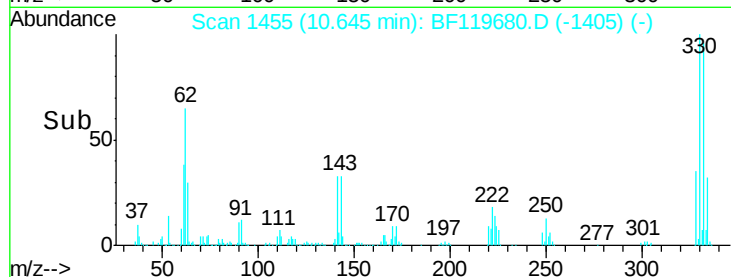
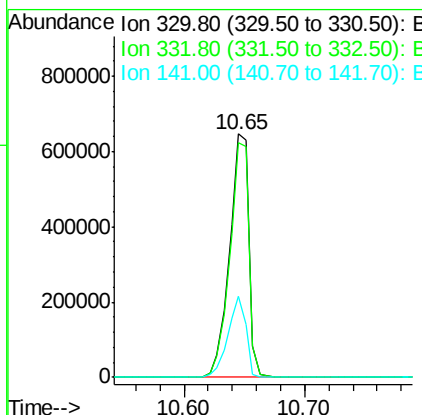
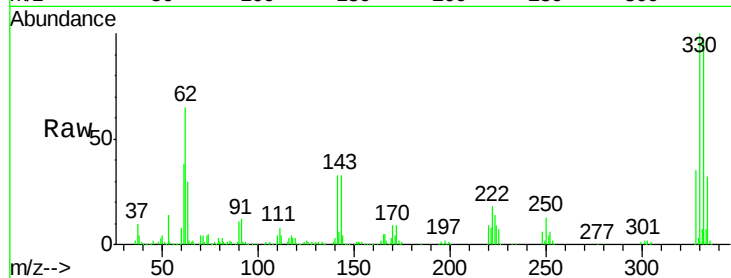




#42
 2,4,6-Tribromophenol
 Concen: 162.30 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF119680.D
 Acq: 1 Apr 2020 17:42

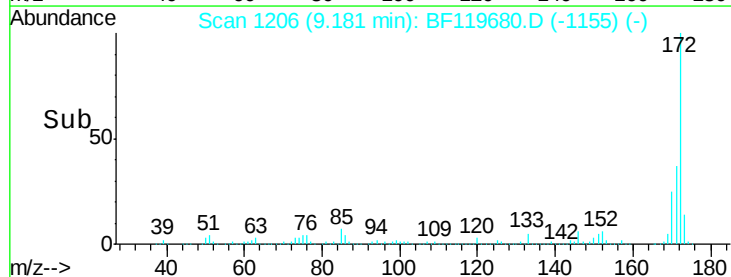
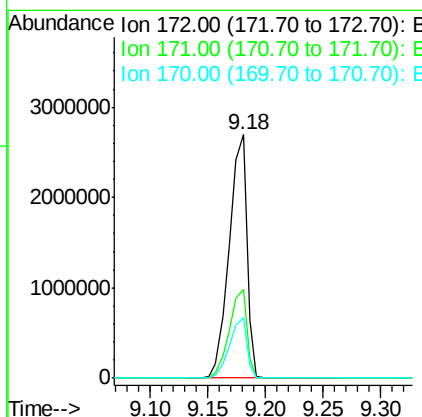
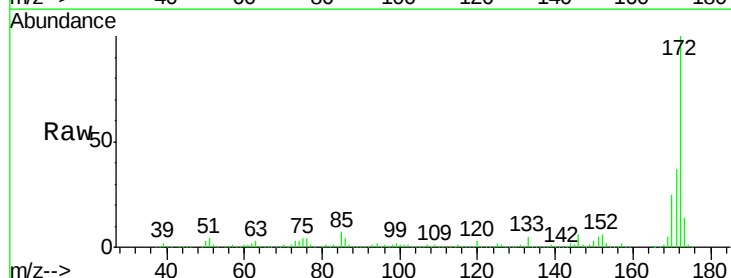
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

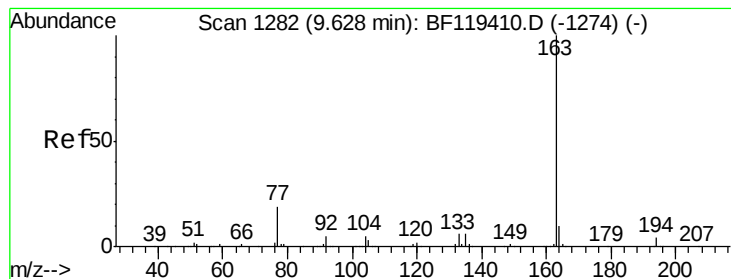
Tgt Ion:330 Resp: 721271
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.7 113.5
 141 31.0 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 98.60 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF119680.D
 Acq: 1 Apr 2020 17:42

Tgt Ion:172 Resp: 2866850
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.7 20.2 30.2





#50

Dimethylphthalate

Concen: 4.79 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF119680.D

Acq: 1 Apr 2020 17:42

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

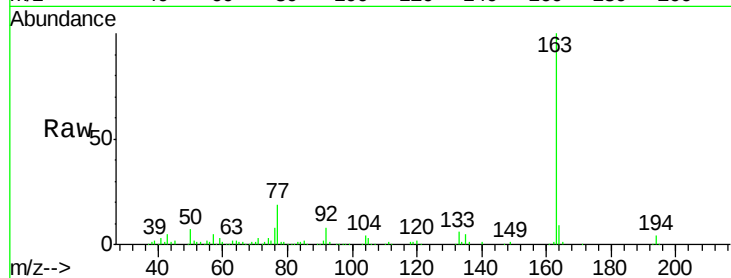
Tgt Ion:163 Resp: 146643

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

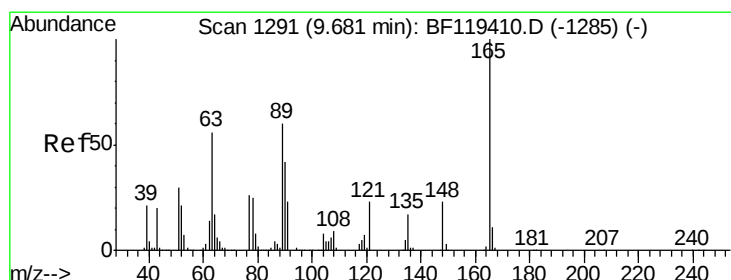
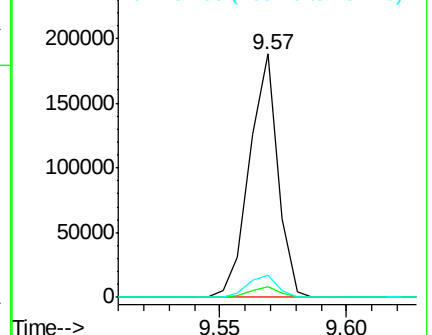
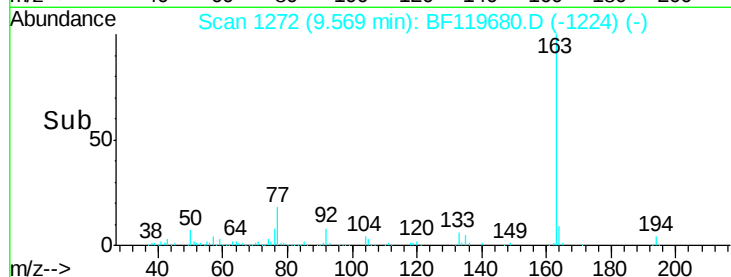
164 9.2 8.2 12.2



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: 8.44 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.21 min

Lab File: BF119680.D

Acq: 1 Apr 2020 17:42

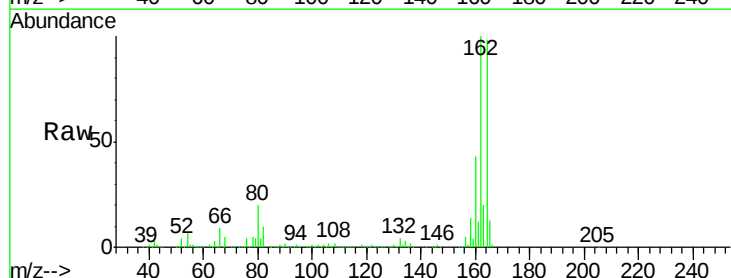
Tgt Ion:165 Resp: 55375

Ion Ratio Lower Upper

165 100

63 1.6 45.0 67.4#

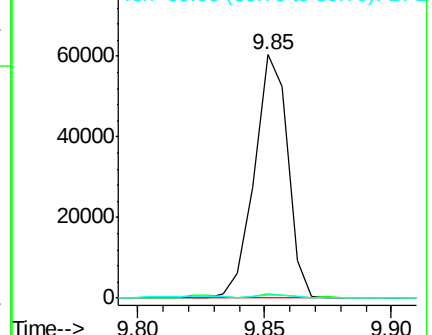
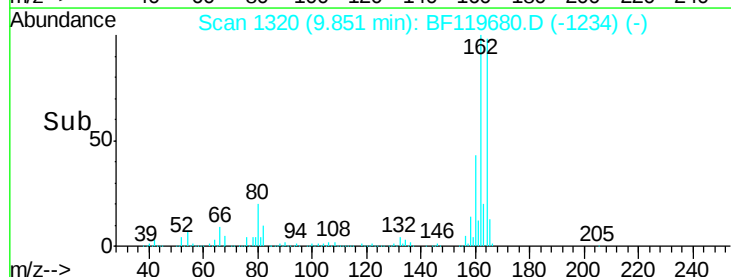
89 1.2 41.5 62.3#

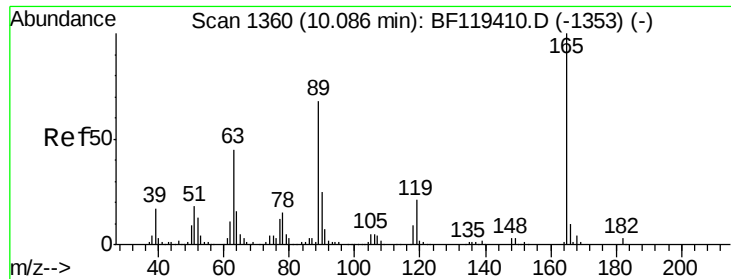


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

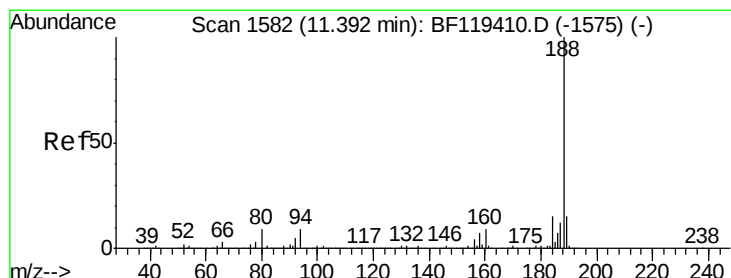
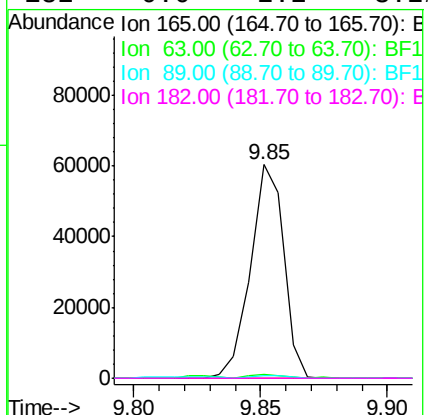
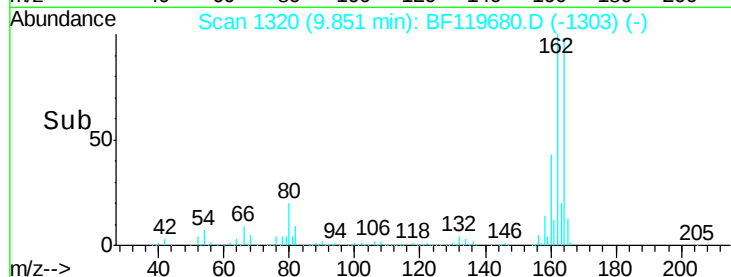
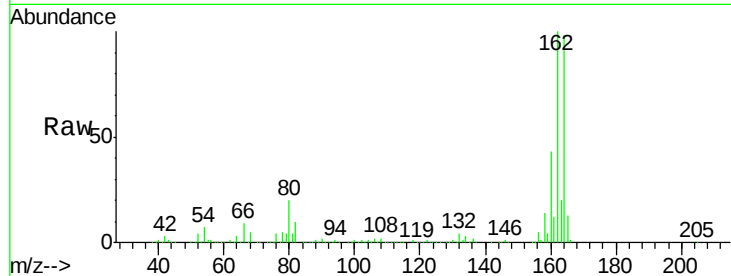




#57
 2,4-Dinitrotoluene
 Concen: 6.70 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.20 min
 Lab File: BF119680.D
 Acq: 1 Apr 2020 17:42

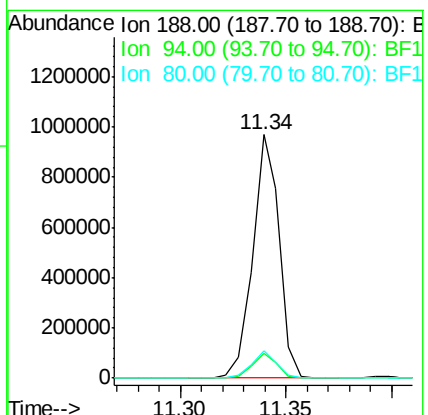
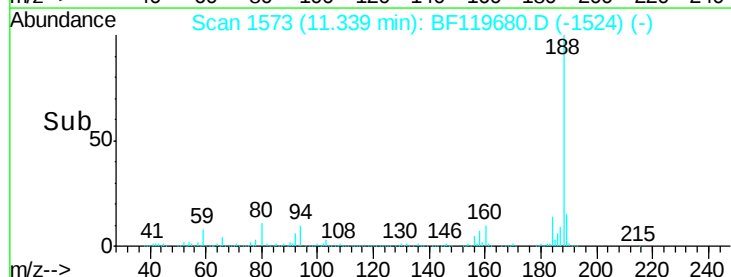
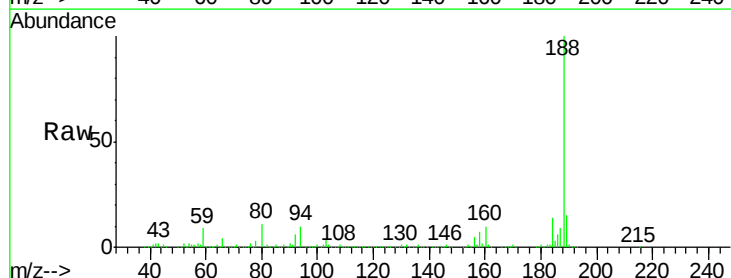
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

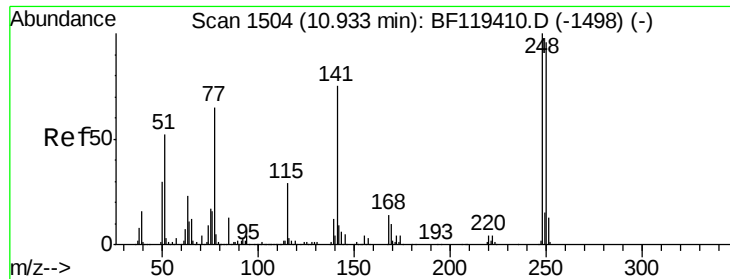
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.6	64.0#
89	1.2	61.0	91.4#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF119680.D
 Acq: 1 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.5	11.3
80	11.0	9.0	13.4

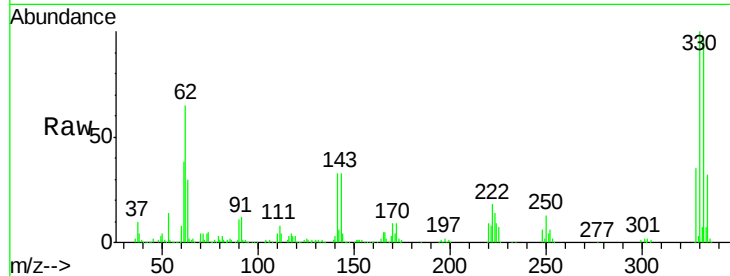




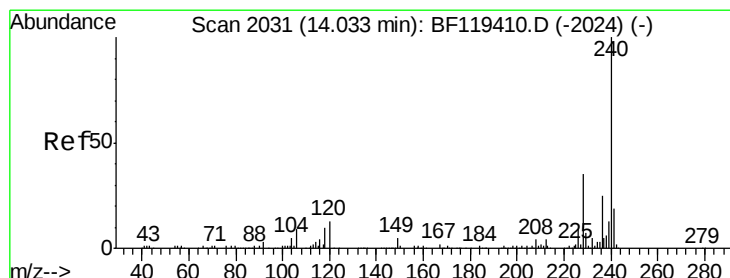
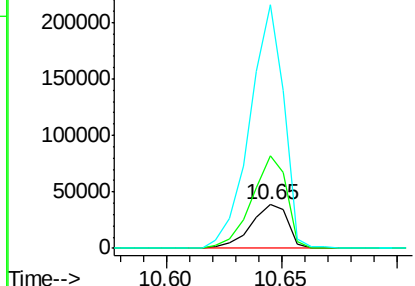
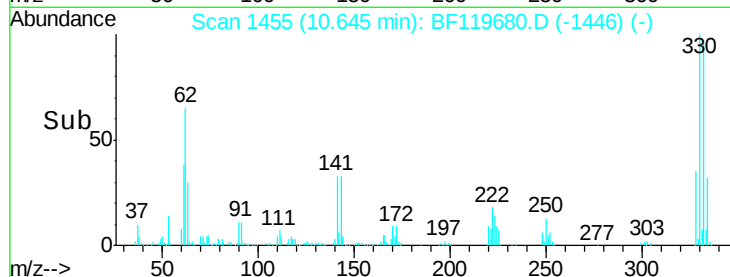
#67
 4-Bromophenyl-phenylether
 Concen: 4.49 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.25 min
 Lab File: BF119680.D
 Acq: 1 Apr 2020 17:42

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Tgt Ion:248 Resp: 42856
 Ion Ratio Lower Upper
 248 100
 250 211.9 77.3 115.9#
 141 556.4 58.6 87.8#

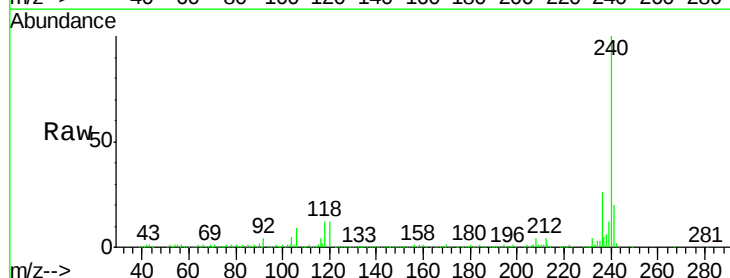


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

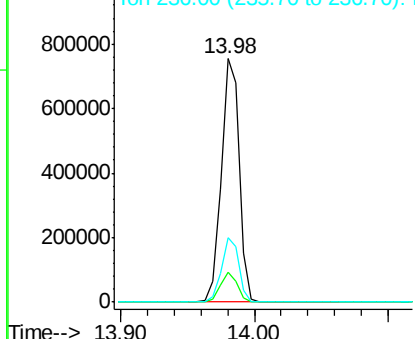
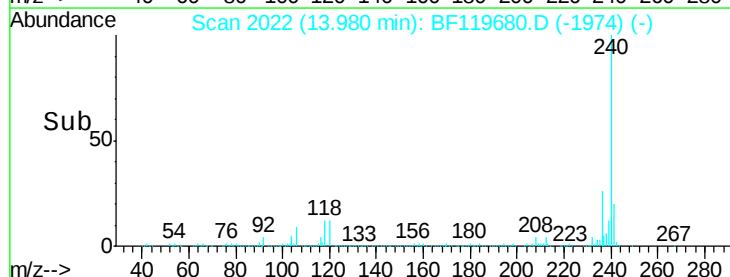


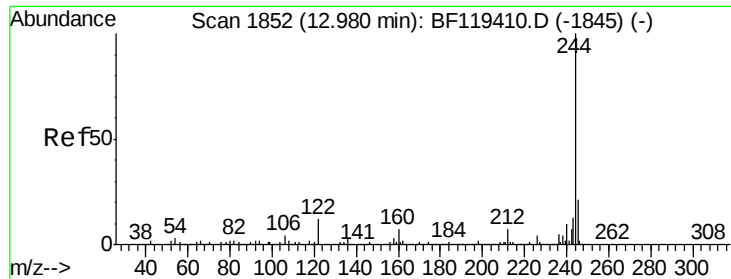
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF119680.D
 Acq: 1 Apr 2020 17:42

Tgt Ion:240 Resp: 715274
 Ion Ratio Lower Upper
 240 100
 120 12.4 10.6 15.8
 236 26.4 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

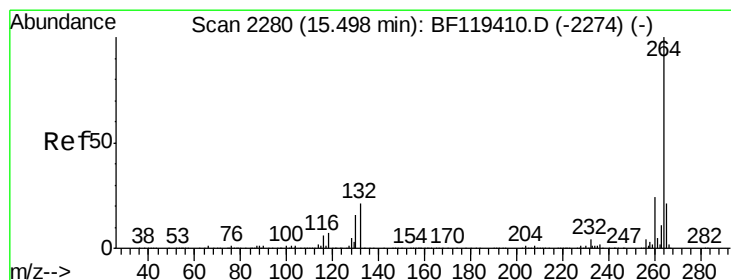
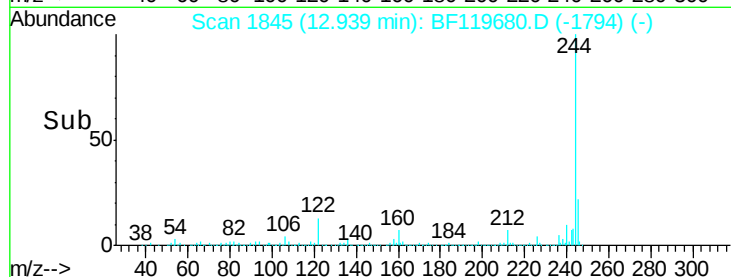
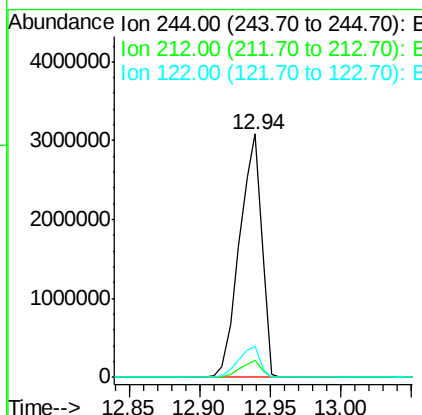
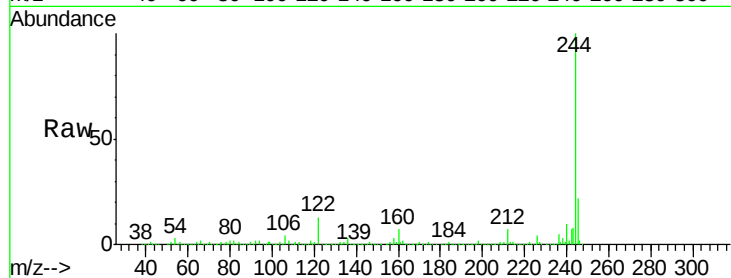




#79
 Terphenyl-d14
 Concen: 92.68 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF119680.D
 Acq: 1 Apr 2020 17:42

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Tgt Ion:244 Resp: 3383646
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 13.0 10.3 15.5



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF119680.D
 Acq: 1 Apr 2020 17:42

Tgt Ion:264 Resp: 713254
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.6 17.7 26.5

