

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119676.D
 Acq On : 1 Apr 2020 15:54
 Operator : MA/SJ
 Sample : L2070-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RECLAIM-SYSTEM-SLUDGE-PIT

Quant Time: Apr 02 00:07:30 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

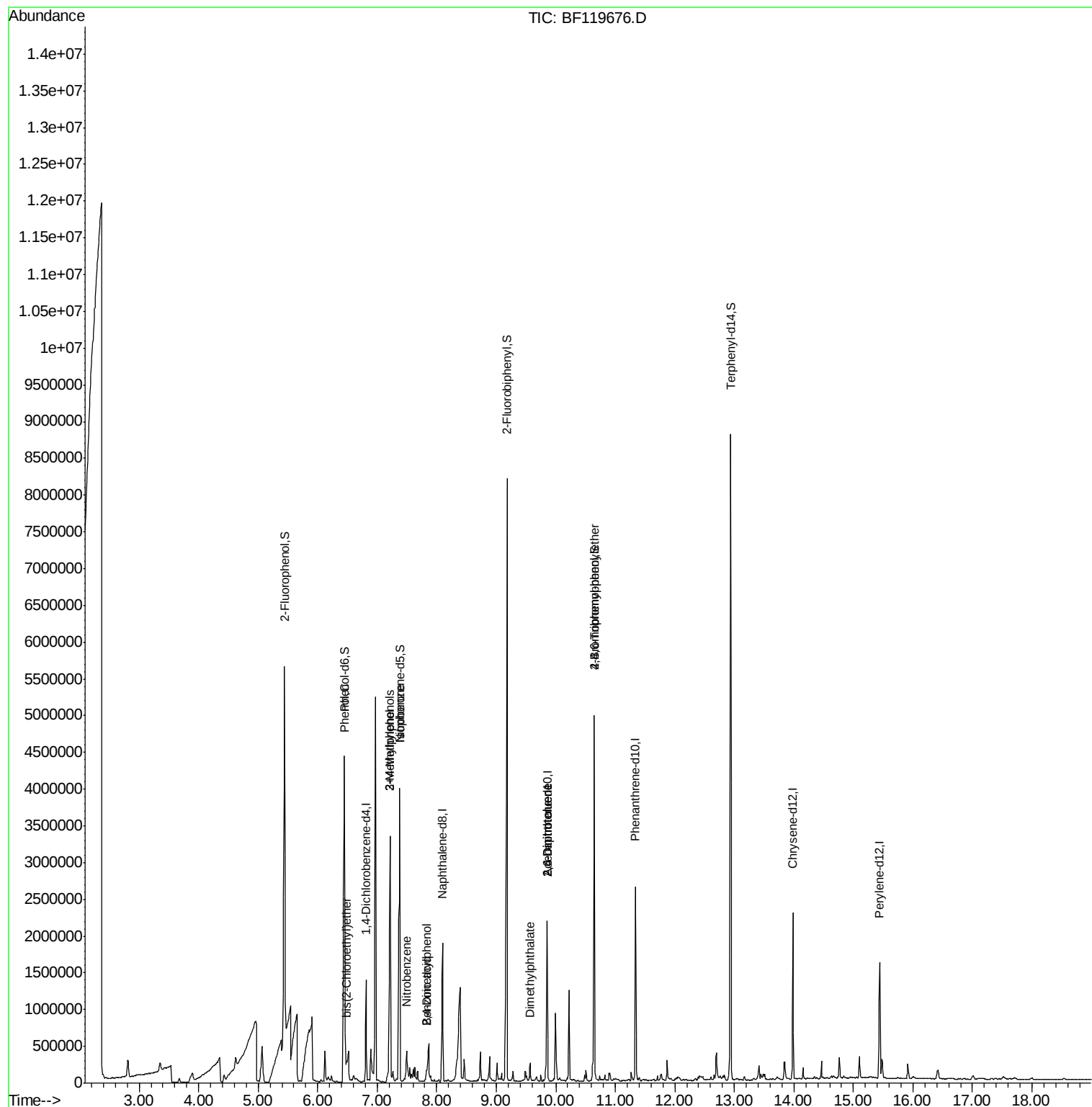
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	249499	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	942858	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	499355	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	958670	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	791118	20.00	ng	-0.01
87) Perylene-d12	15.44	264	751721	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1850116	118.04	ng	0.03
7) Phenol-d6	6.45	99	2140656	106.92	ng	0.00
23) Nitrobenzene-d5	7.38	82	1729970	99.72	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	703313	136.52	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3114849	92.41	ng	0.00
79) Terphenyl-d14	12.94	244	3551914	87.96	ng	0.00
Target Compounds						
10) Phenol	6.46	94	205723	9.63	ng	Qvalue 97
11) bis(2-Chloroethyl)ether	6.48	93	42114	2.46	ng	# 19
17) 2-Methylphenol	7.22	107	1034506	68.59	ng	# 69
20) 3+4-Methylphenols	7.22	107	1034506	55.97	ng	# 75
24) Nitrobenzene	7.50	77	67789	3.66	ng	# 40
25) Isophorone	7.38	82	1721820	48.93	ng	# 65
27) 2,4-Dimethylphenol	7.83	122	36343	2.41	ng	# 8
32) Benzoic acid	7.83	122	36343	3.74	ng	88
50) Dimethylphthalate	9.57	163	91855	2.59	ng	98
51) 2,6-Dinitrotoluene	9.86	165	62873	8.27	ng	# 26
57) 2,4-Dinitrotoluene	9.86	165	62873	6.56	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	43788	4.01	ng	# 1

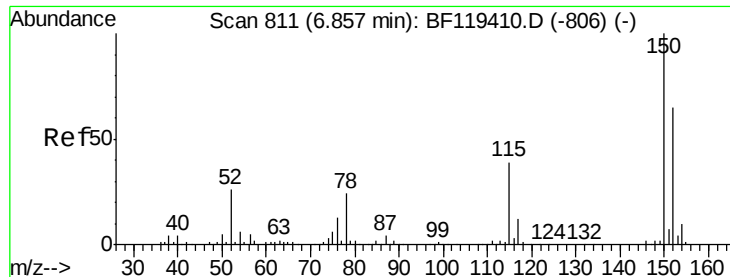
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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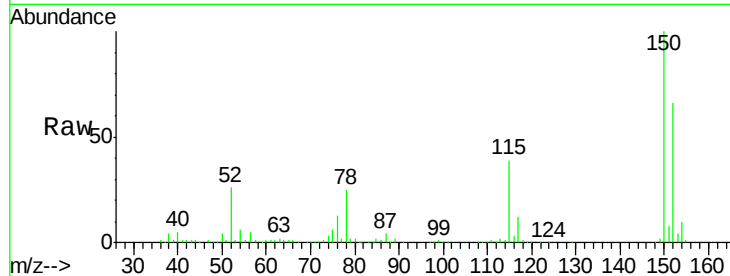


#1

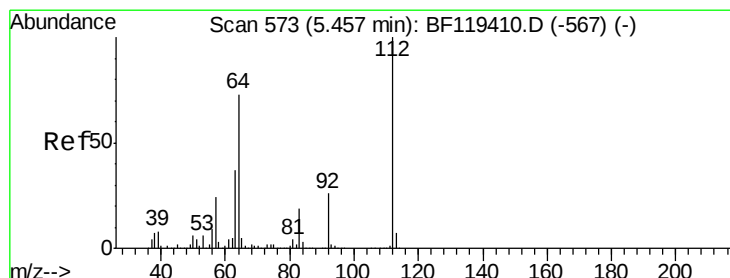
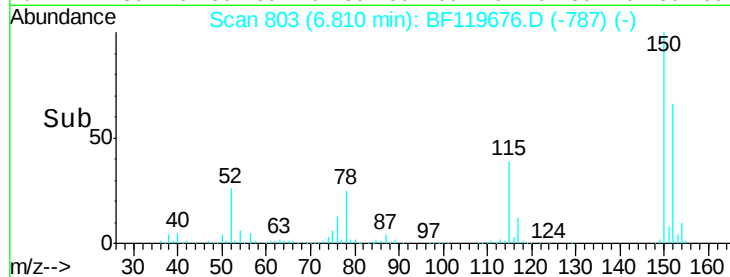
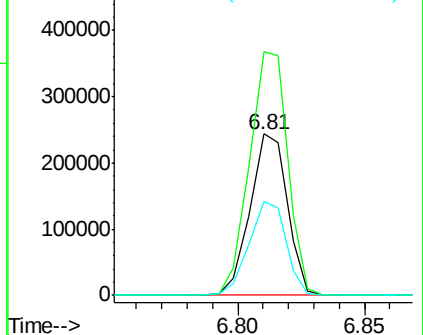
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119676.D
Acq: 1 Apr 2020 15:54

Instrument :
BNA_F
ClientSampleId :
RECLAIM-SYSTEM-SLUDGE-PIT

Tgt Ion:152 Resp: 249499
Ion Ratio Lower Upper
152 100
150 150.9 124.5 186.7
115 58.3 49.6 74.4



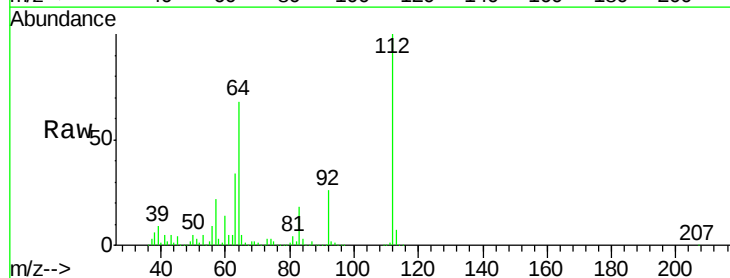
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



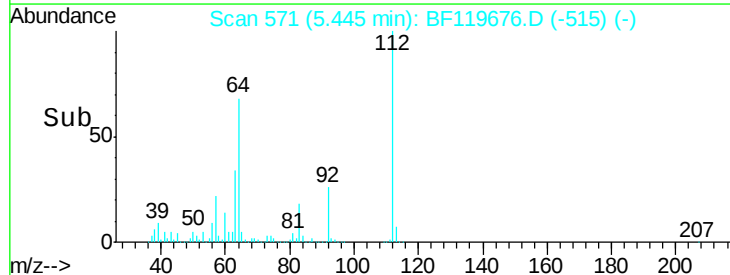
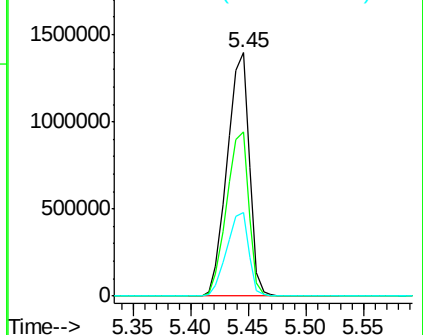
#5

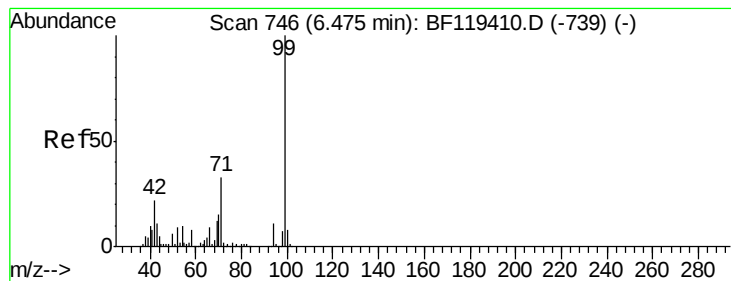
2-Fluorophenol
Concen: 118.04 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.03 min
Lab File: BF119676.D
Acq: 1 Apr 2020 15:54

Tgt Ion:112 Resp: 1850116
Ion Ratio Lower Upper
112 100
64 67.7 56.7 85.1
63 34.3 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: 106.92 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119676.D

Acq: 1 Apr 2020 15:54

Instrument :

BNA_F

ClientSampleId :

RECLAIM-SYSTEM-SLUDGE-PIT

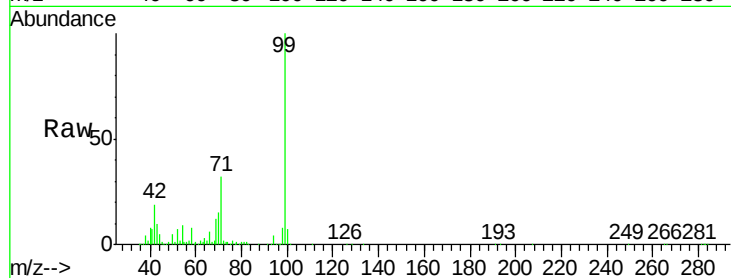
Tgt Ion: 99 Resp: 2140656

Ion Ratio Lower Upper

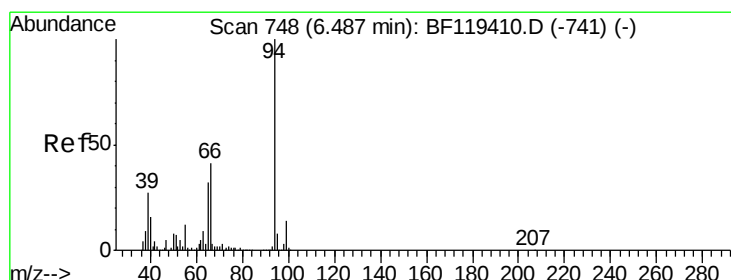
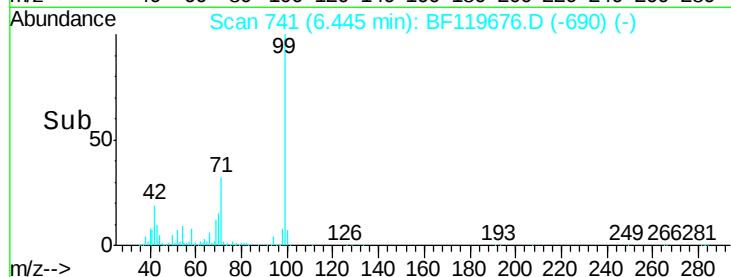
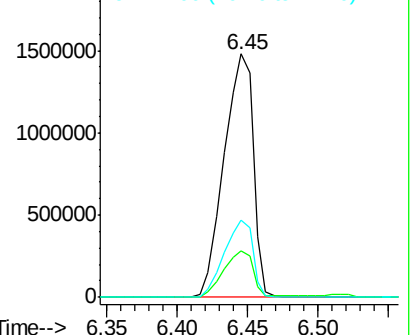
99 100

42 19.3 16.6 24.8

71 31.8 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 9.63 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF119676.D

Acq: 1 Apr 2020 15:54

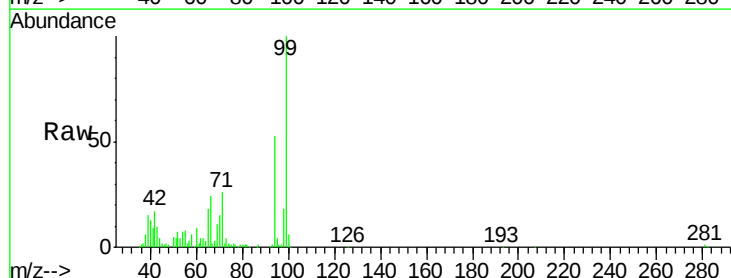
Tgt Ion: 94 Resp: 205723

Ion Ratio Lower Upper

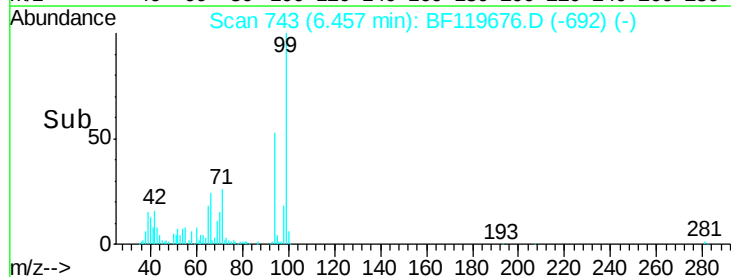
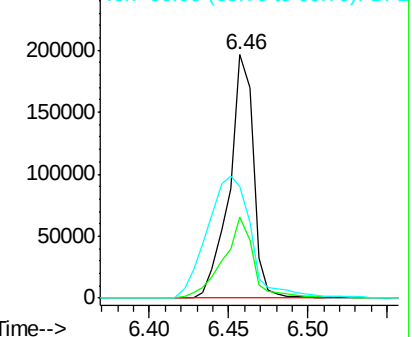
94 100

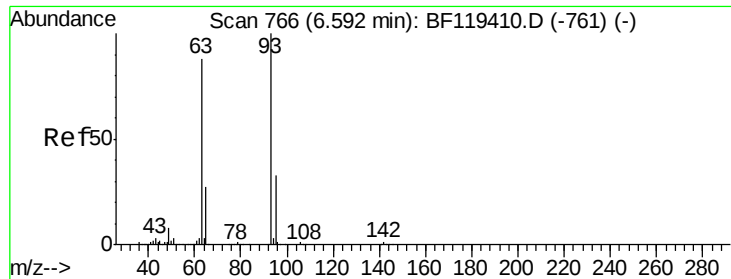
65 33.4 13.2 53.2

66 45.9 22.3 62.3



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

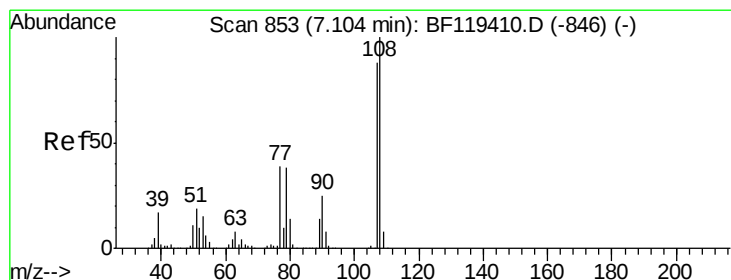
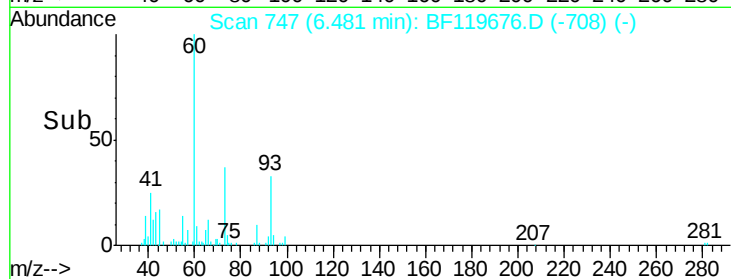
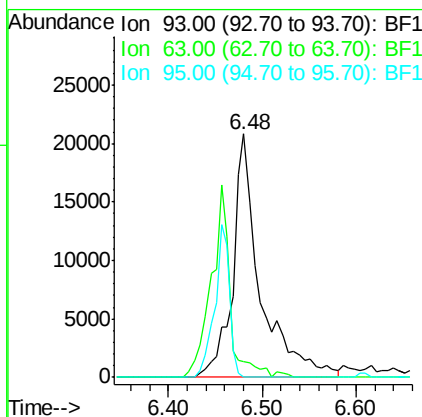
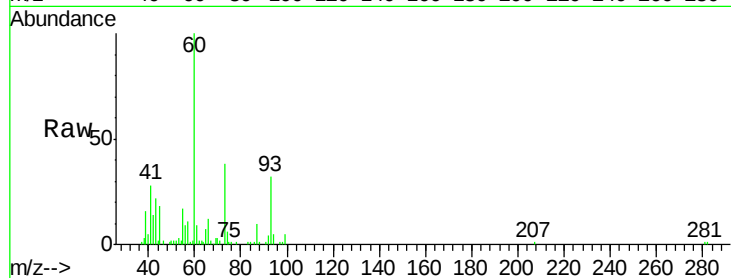




#11
bis(2-Chloroethyl)ether
Concen: 2.46 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.07 min
Lab File: BF119676.D
Acq: 1 Apr 2020 15:54

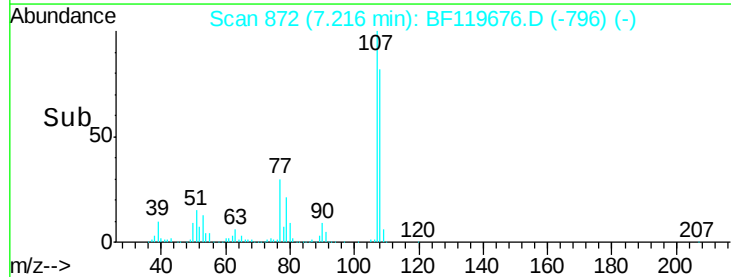
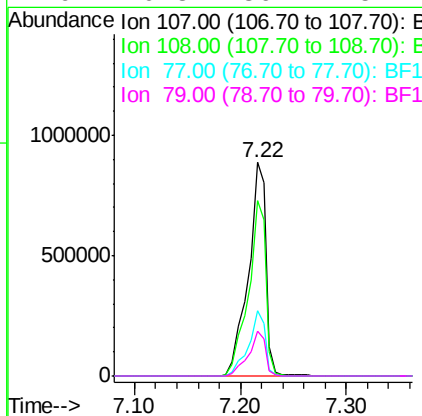
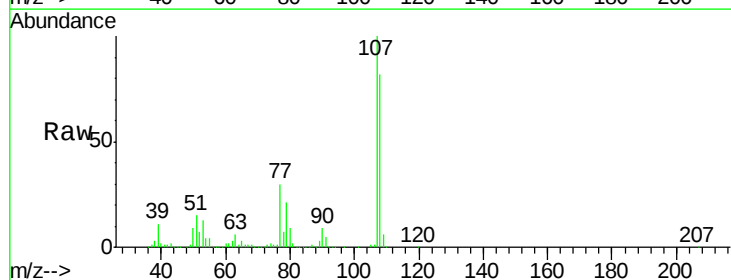
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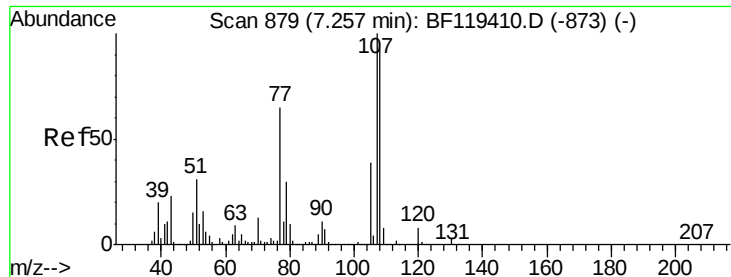
Tgt Ion: 93 Resp: 42114
Ion Ratio Lower Upper
93 100
63 6.3 70.2 110.2#
95 0.0 13.4 53.4#



#17
2-Methylphenol
Concen: 68.59 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.15 min
Lab File: BF119676.D
Acq: 1 Apr 2020 15:54

Tgt Ion: 107 Resp: 1034506
Ion Ratio Lower Upper
107 100
108 81.9 92.2 138.4#
77 30.3 36.6 54.8#
79 20.8 36.2 54.4#

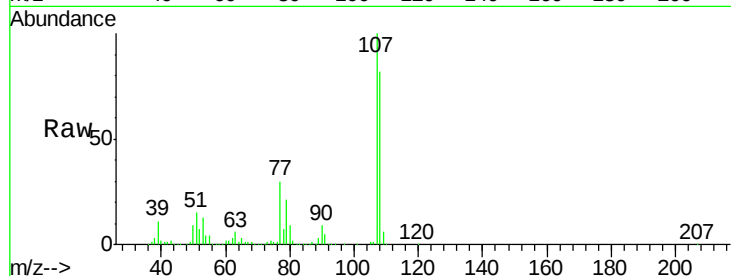




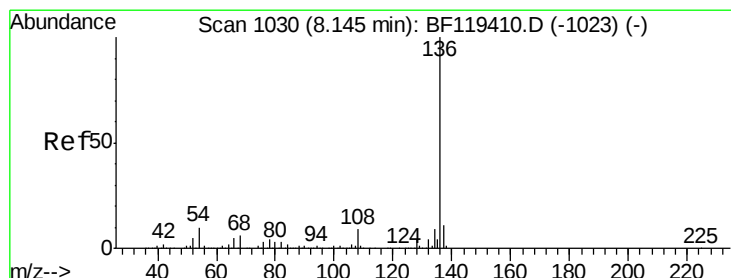
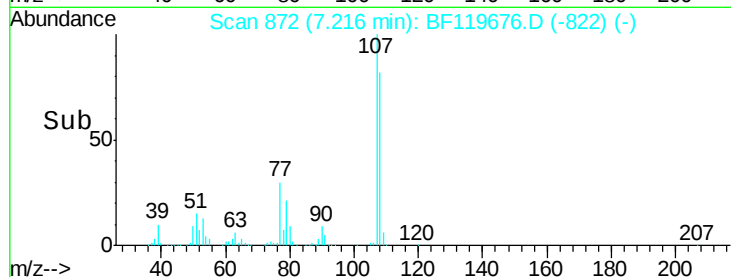
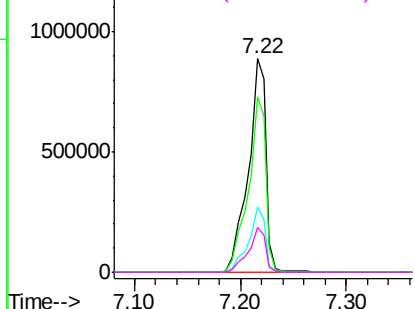
#20
3+4-Methylphenols
Concen: 55.97 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119676.D
Acq: 1 Apr 2020 15:54

Instrument :
BNA_F
ClientSampleId :
RECLAIM-SYSTEM-SLUDGE-PIT

Tgt Ion:107 Resp: 1034506
Ion Ratio Lower Upper
107 100
108 81.9 67.9 107.9
77 30.3 52.9 92.9#
79 20.8 7.7 47.7

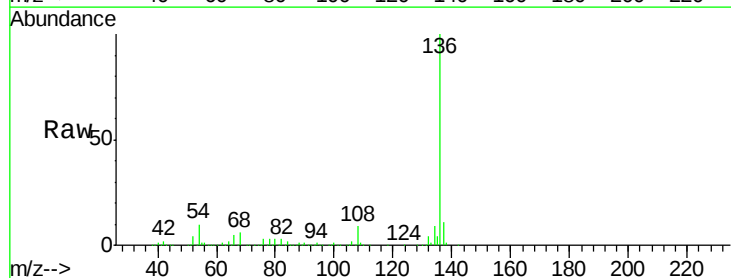


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

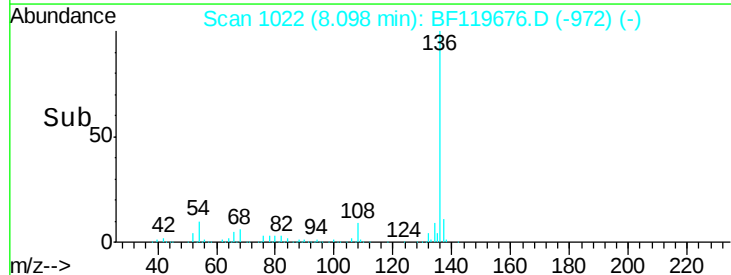
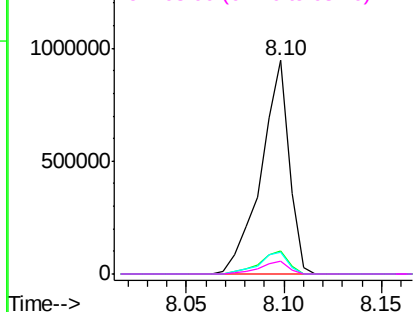


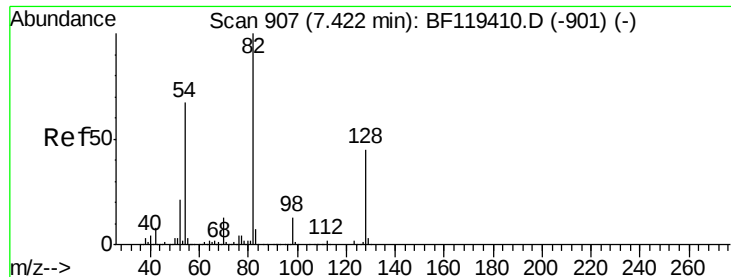
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119676.D
Acq: 1 Apr 2020 15:54

Tgt Ion:136 Resp: 942858
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 10.2 9.1 13.7
68 6.2 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: 99.72 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF119676.D

Acq: 1 Apr 2020 15:54

Instrument :

BNA_F

ClientSampleId :

RECLAIM-SYSTEM-SLUDGE-PIT

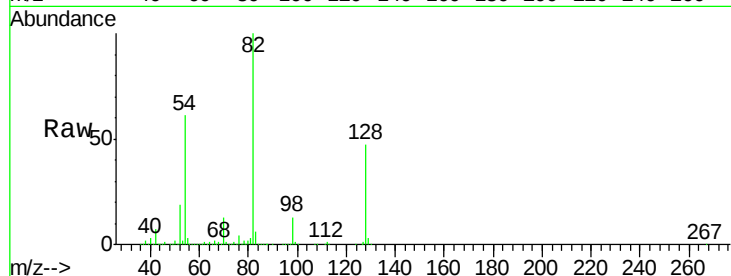
Tgt Ion: 82 Resp: 1729970

Ion Ratio Lower Upper

82 100

128 47.5 36.3 54.5

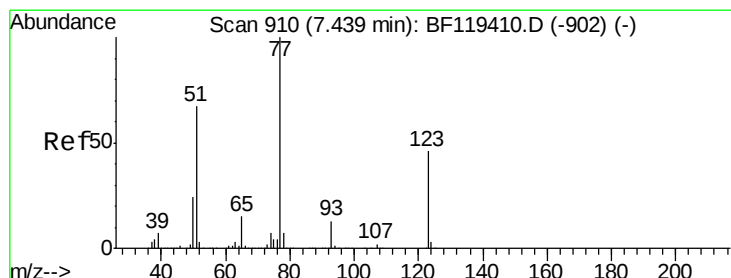
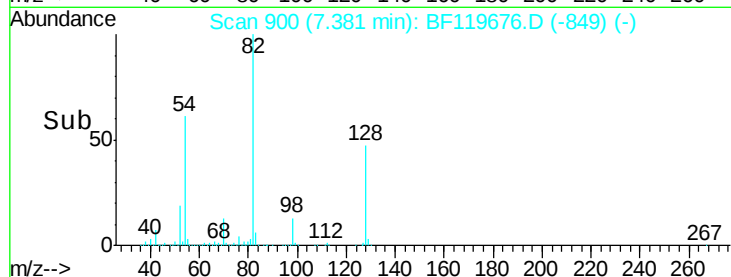
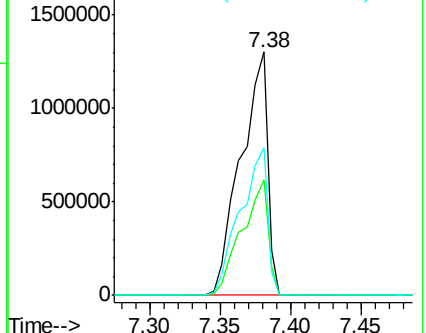
54 60.5 50.6 75.8



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: 3.66 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.09 min

Lab File: BF119676.D

Acq: 1 Apr 2020 15:54

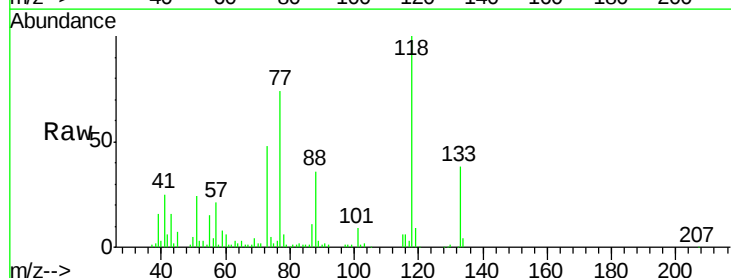
Tgt Ion: 77 Resp: 67789

Ion Ratio Lower Upper

77 100

123 0.0 38.0 57.0#

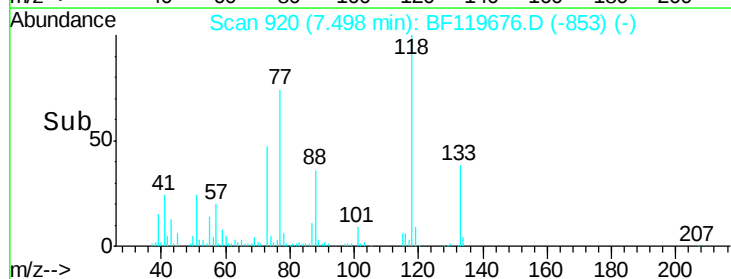
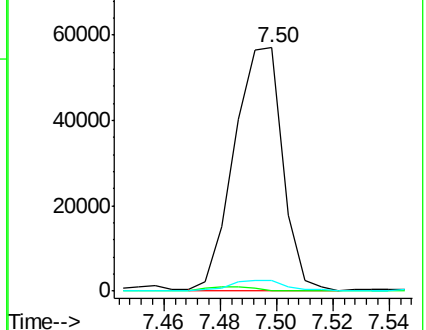
65 4.2 12.6 18.8#

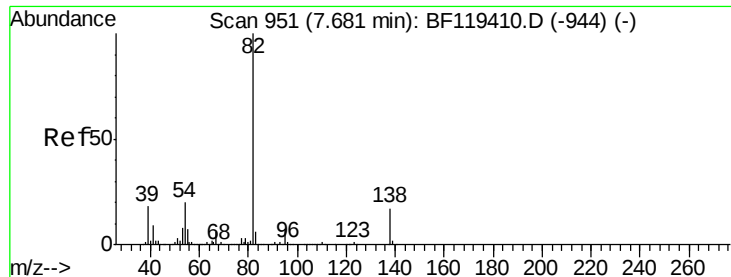


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 48.93 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF119676.D

Acq: 1 Apr 2020 15:54

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RECLAIM-SYSTEM-SLUDGE-PIT

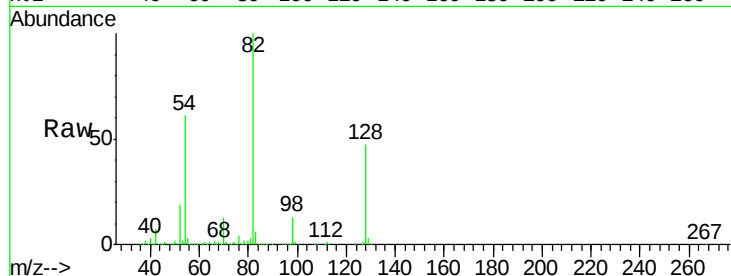
Tgt Ion: 82 Resp: 1721820

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

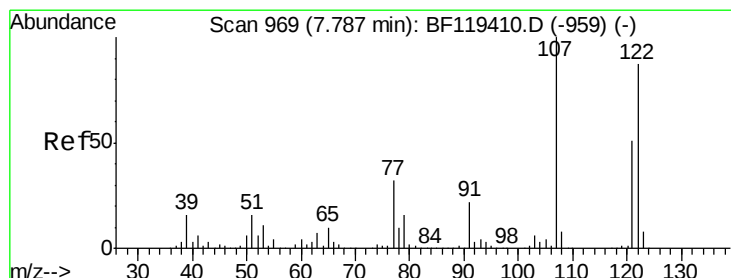
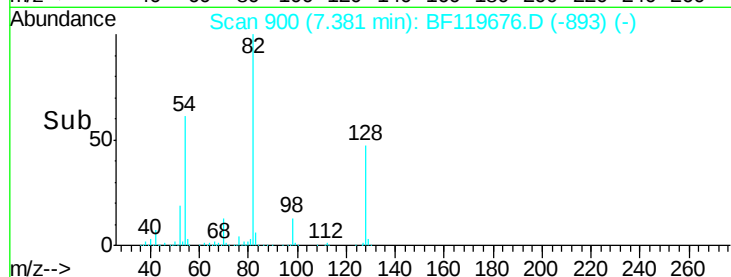
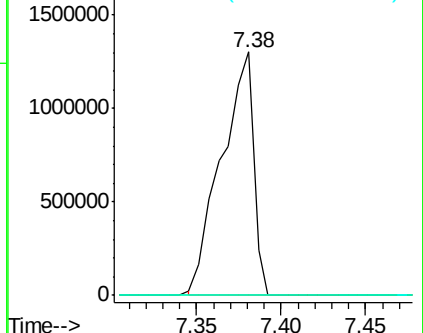
138 0.0 14.6 21.8#



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: 2.41 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.08 min

Lab File: BF119676.D

Acq: 1 Apr 2020 15:54

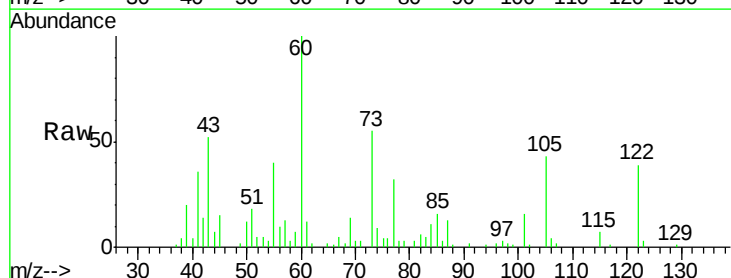
Tgt Ion: 122 Resp: 36343

Ion Ratio Lower Upper

122 100

107 5.9 89.0 133.6#

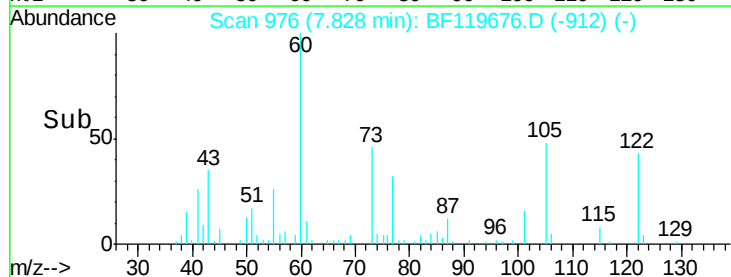
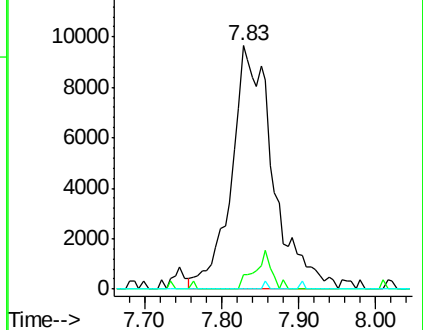
121 0.0 46.7 70.1#

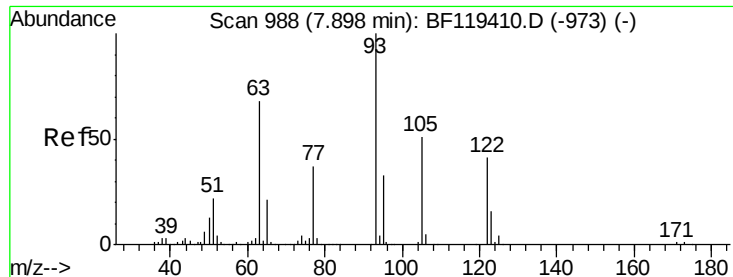


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

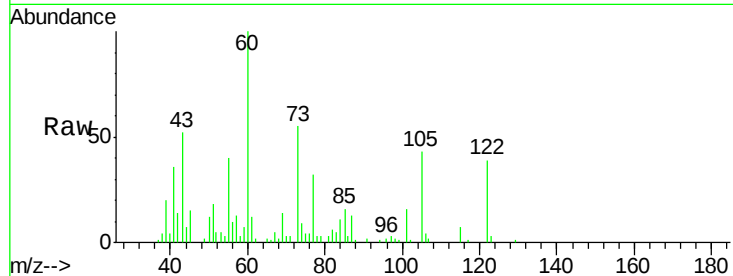




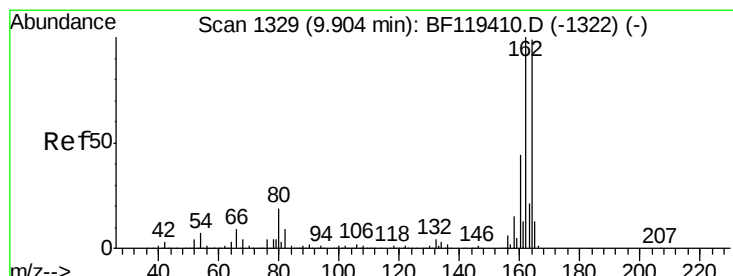
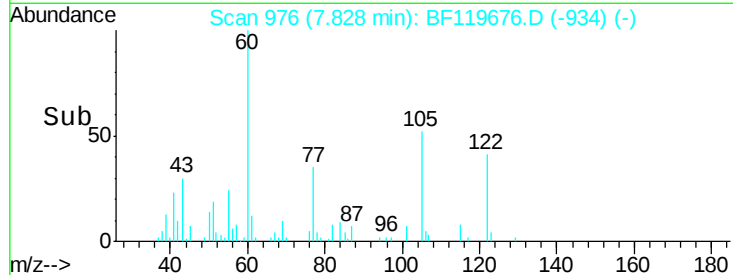
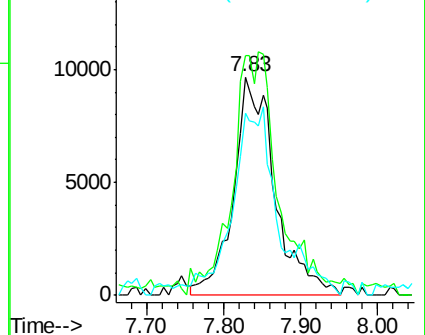
#32
Benzoic acid
Concen: 3.74 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.05 min
Lab File: BF119676.D
Acq: 1 Apr 2020 15:54

Instrument :
BNA_F
ClientSampleId :
RECLAIM-SYSTEM-SLUDGE-PIT

Tgt Ion:122 Resp: 36343
Ion Ratio Lower Upper
122 100
105 110.3 104.9 144.9
77 83.3 74.4 114.4

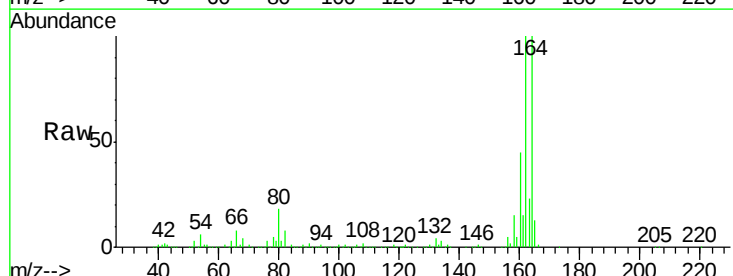


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

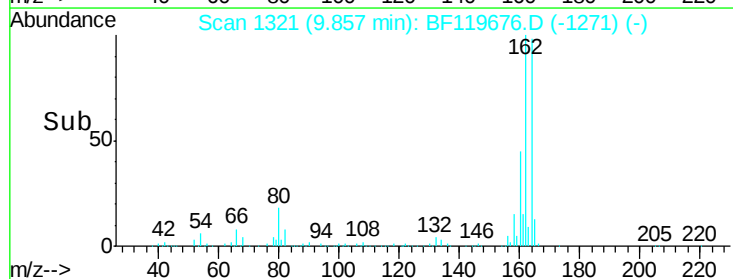
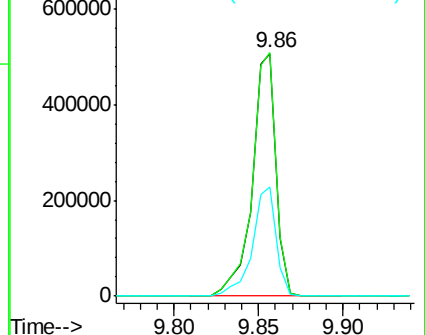


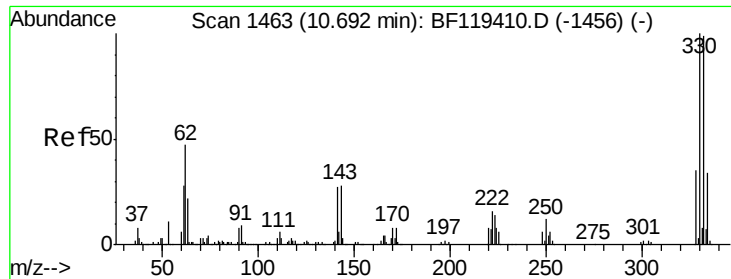
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF119676.D
Acq: 1 Apr 2020 15:54

Tgt Ion:164 Resp: 499355
Ion Ratio Lower Upper
164 100
162 100.3 80.6 121.0
160 45.0 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: 136.52 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF119676.D

Acq: 1 Apr 2020 15:54

Instrument :

BNA_F

ClientSampleId :

RECLAIM-SYSTEM-SLUDGE-PIT

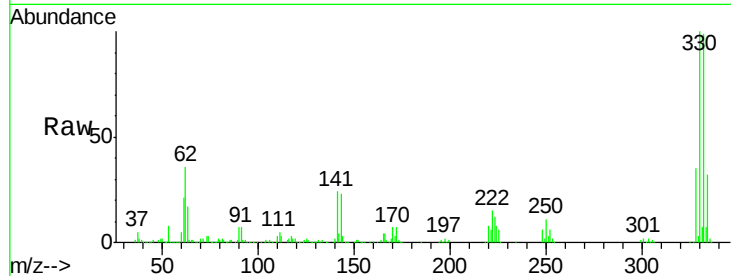
Tgt Ion:330 Resp: 703313

Ion Ratio Lower Upper

330 100

332 97.6 75.7 113.5

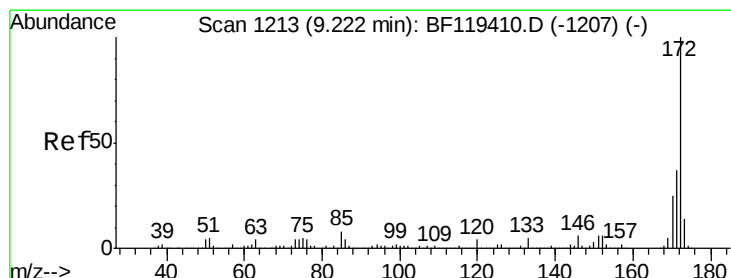
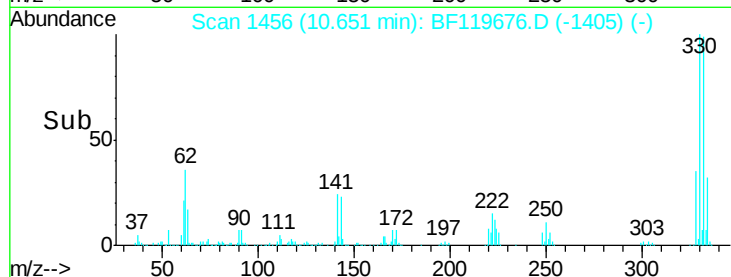
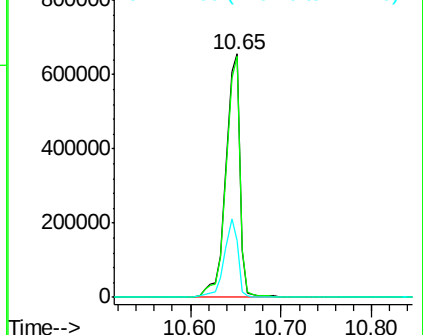
141 31.1 25.4 38.0



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: 92.41 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF119676.D

Acq: 1 Apr 2020 15:54

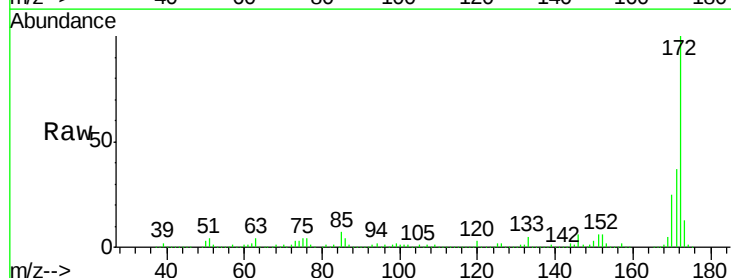
Tgt Ion:172 Resp: 3114849

Ion Ratio Lower Upper

172 100

171 37.1 29.6 44.4

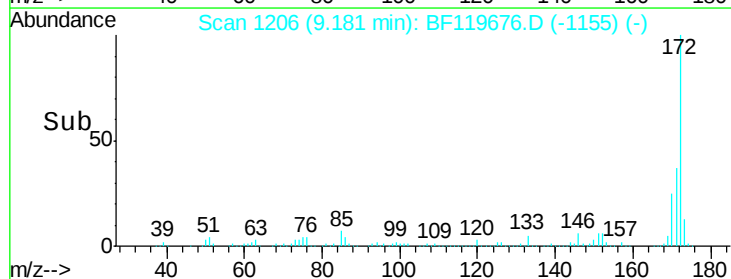
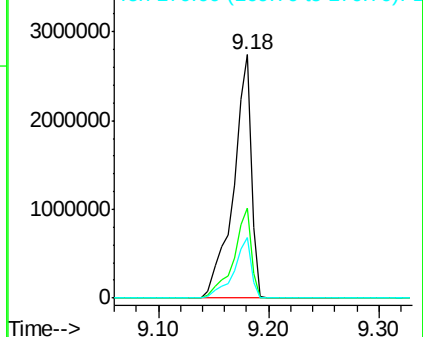
170 25.1 20.2 30.2

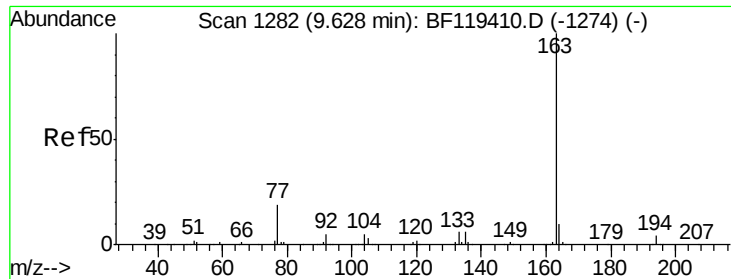


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

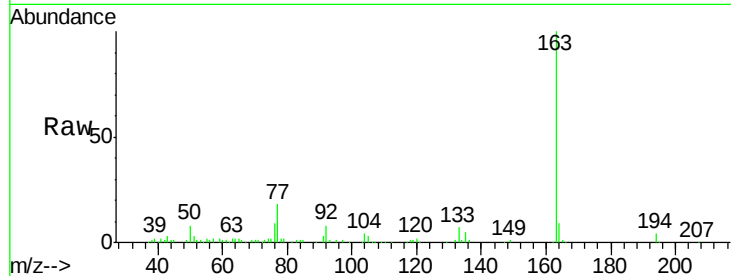




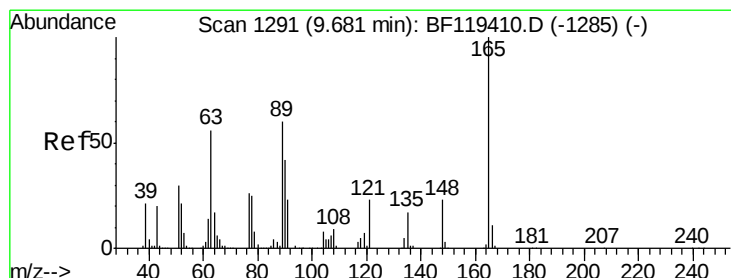
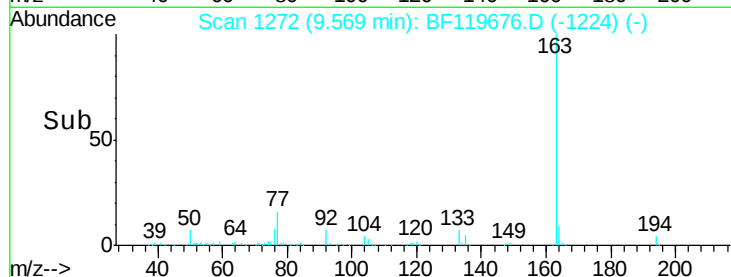
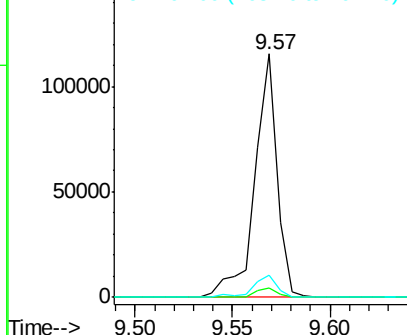
#50
Dimethylphthalate
Concen: 2.59 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF119676.D
Acq: 1 Apr 2020 15:54

Instrument :
BNA_F
ClientSampleId :
RECLAIM-SYSTEM-SLUDGE-PIT

Tgt Ion:163 Resp: 91855
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.0 8.2 12.2

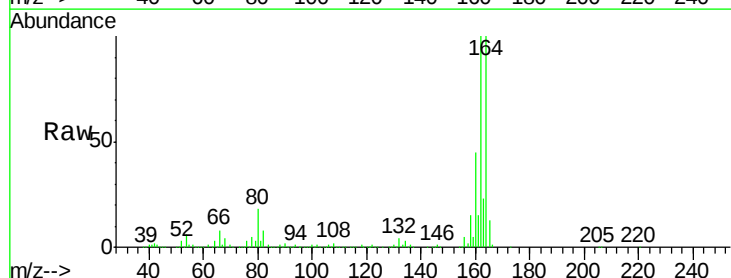


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

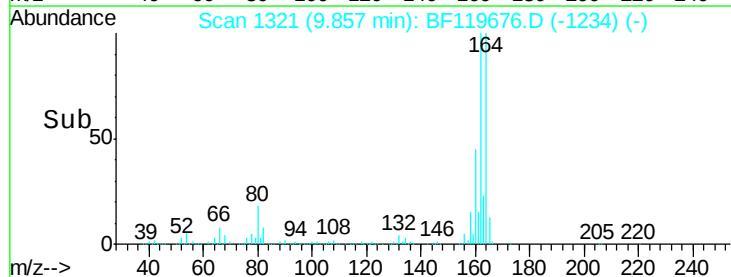
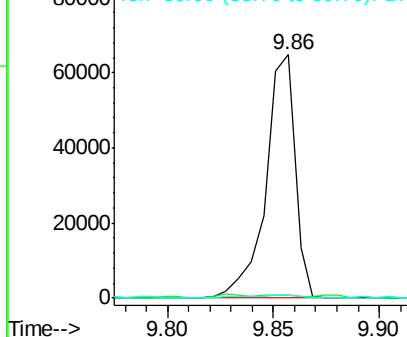


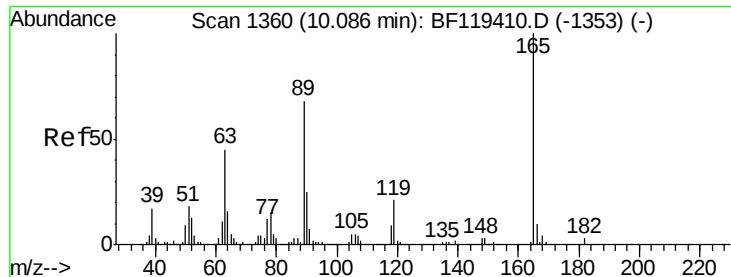
#51
2,6-Dinitrotoluene
Concen: 8.27 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.21 min
Lab File: BF119676.D
Acq: 1 Apr 2020 15:54

Tgt Ion:165 Resp: 62873
Ion Ratio Lower Upper
165 100
63 1.4 45.0 67.4#
89 1.4 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

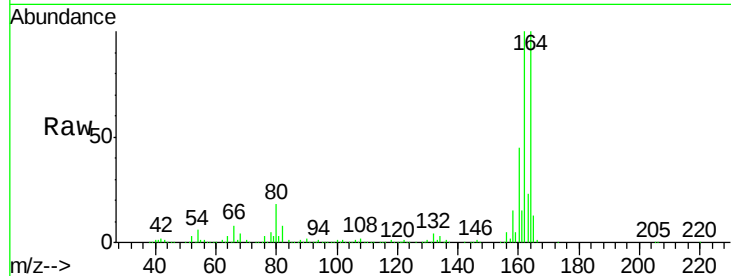




#57
 2,4-Dinitrotoluene
 Concen: 6.56 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.19 min
 Lab File: BF119676.D
 Acq: 1 Apr 2020 15:54

Instrument :
 BNA_F
 ClientSampleId :
 RECLAIM-SYSTEM-SLUDGE-PIT

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.6	64.0#
89	1.4	61.0	91.4#
182	0.0	2.2	3.2#

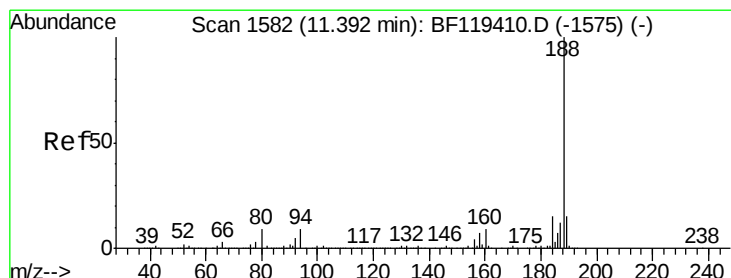
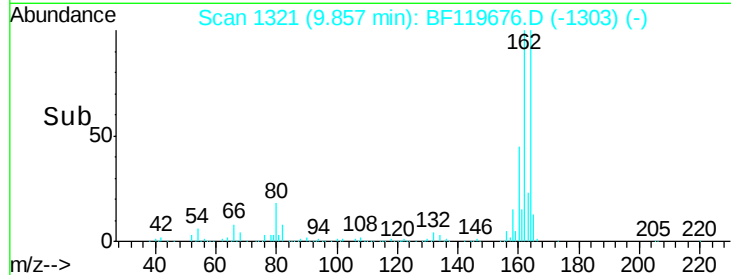
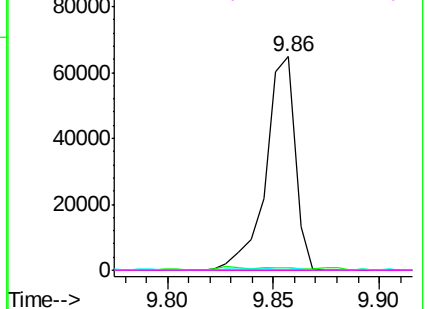


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

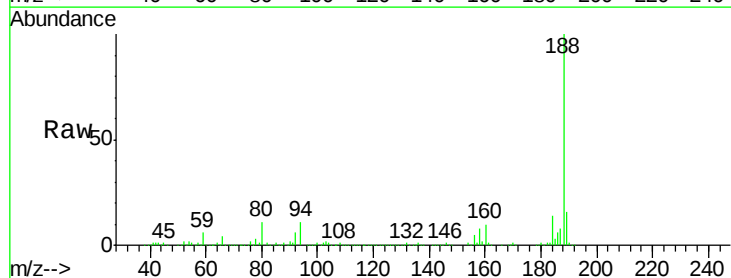
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF119676.D
 Acq: 1 Apr 2020 15:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.5	11.3
80	11.2	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

