

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119776.D
 Acq On : 6 Apr 2020 17:11
 Operator : MA/SJ
 Sample : L2144-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH

Quant Time: Apr 06 17:44:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	187643	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	726349	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	366242	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	665828	20.00	ng	0.00
76) Chrysene-d12	13.95	240	485031	20.00	ng	0.00
87) Perylene-d12	15.39	264	493112	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1643187	139.40	ng	0.02
7) Phenol-d6	6.42	99	1948329	129.39	ng	0.00
23) Nitrobenzene-d5	7.35	82	1361175	101.85	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	609069	161.20	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2578791	104.31	ng	0.00
79) Terphenyl-d14	12.90	244	2575294	104.03	ng	0.00

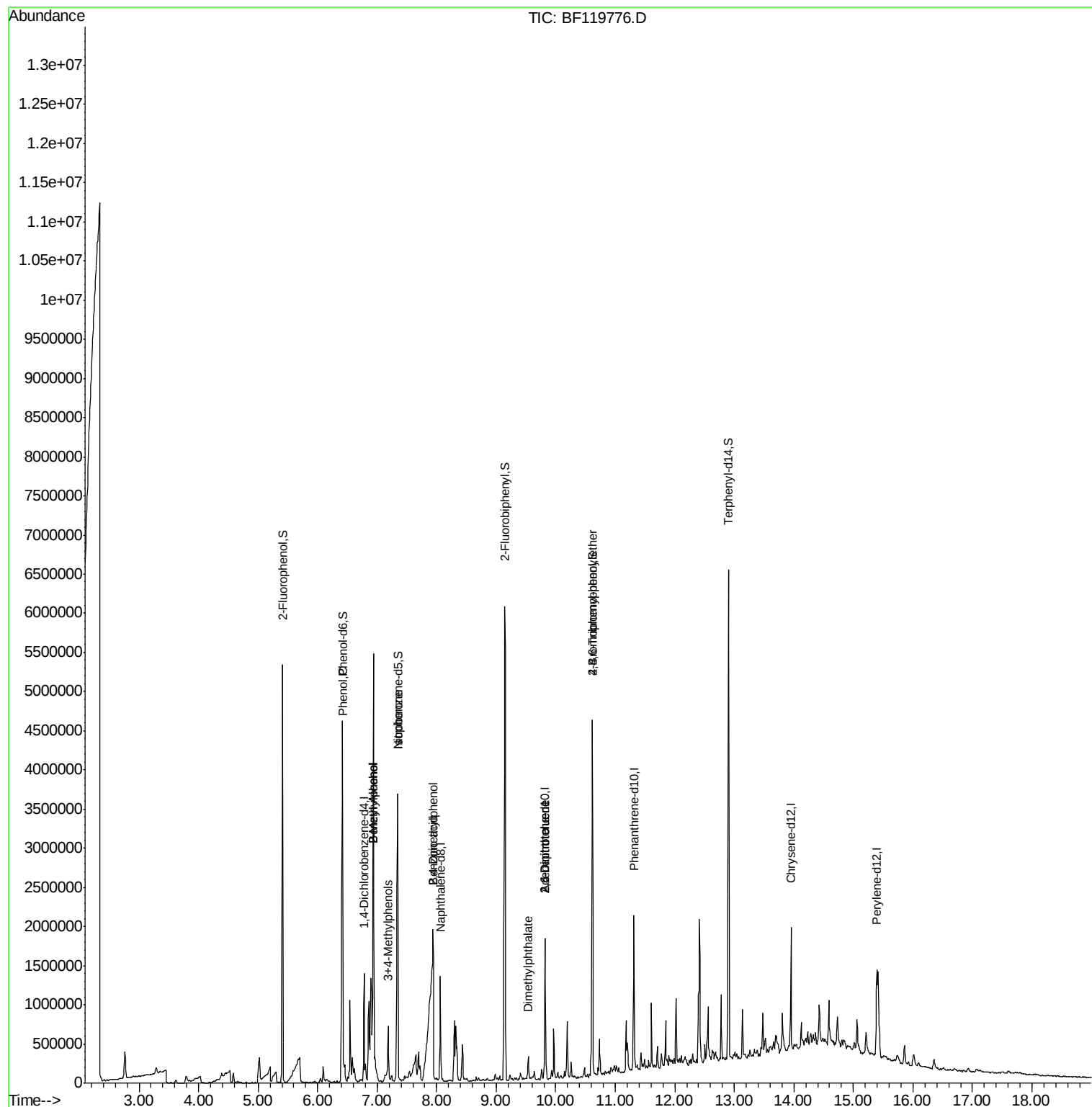
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.43	94	38952	2.424	ng	93
15) Benzyl Alcohol	6.92	79	113626	10.032	ng	99
17) 2-Methylphenol	6.92	107	48662	4.290	ng	# 16
20) 3+4-Methylphenols	7.19	107	80133	5.764	ng	# 78
25) Isophorone	7.35	82	1357295	50.064	ng	# 65
27) 2,4-Dimethylphenol	7.95	122	1544155	132.792	ng	# 5
32) Benzoic acid	7.95	122	1547411	206.872	ng	97
50) Dimethylphthalate	9.54	163	107795	4.144	ng	99
51) 2,6-Dinitrotoluene	9.82	165	48242	8.652	ng	# 27
57) 2,4-Dinitrotoluene	9.82	165	48242	6.868	ng	# 21
67) 4-Bromophenyl-phenylether	10.62	248	36734	4.844	ng	# 1

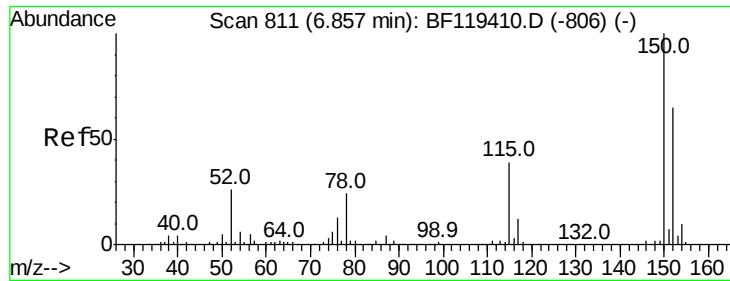
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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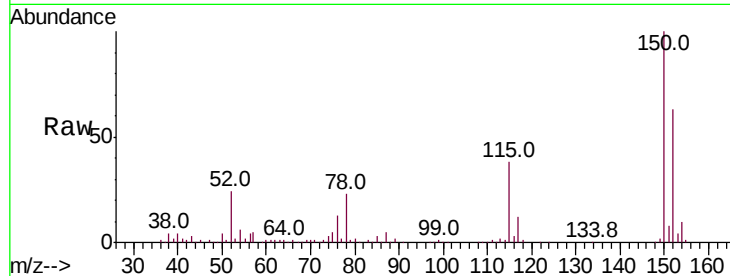


#1

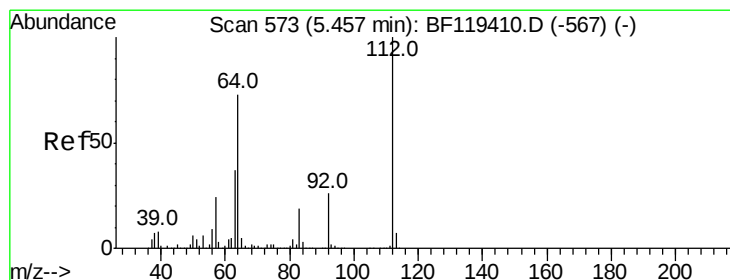
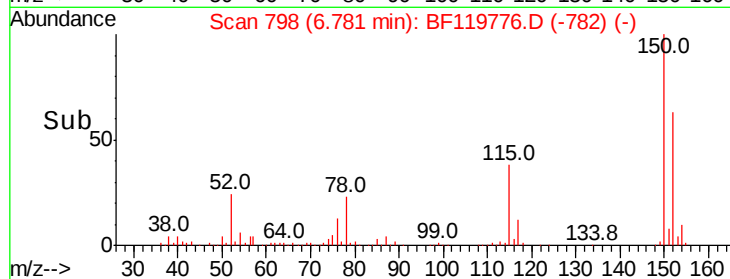
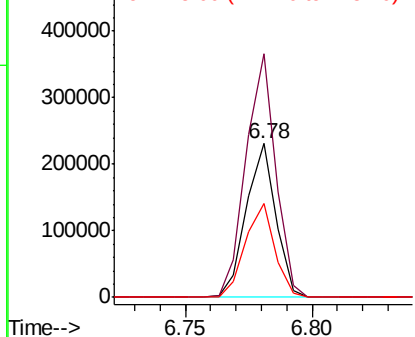
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119776.D
Acq: 6 Apr 2020 17:11

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

Tot Ion:152 Resp: 187643
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 60.6 49.6 74.4



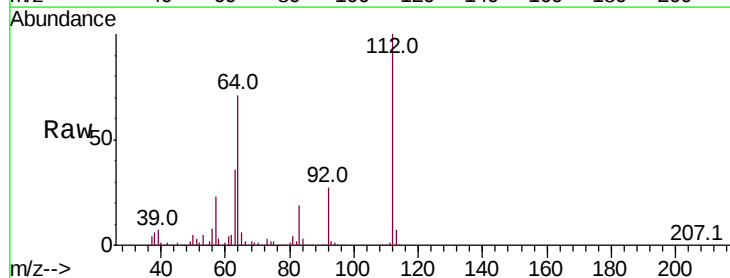
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



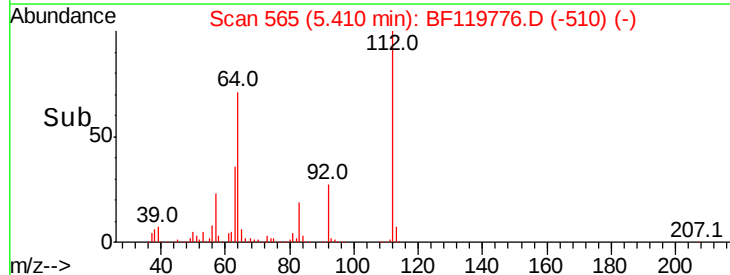
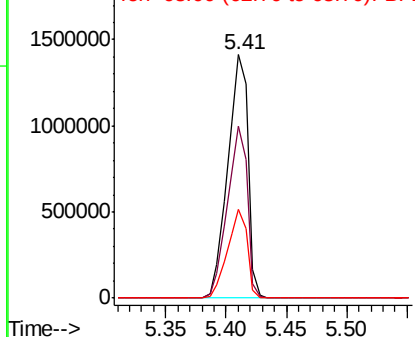
#5

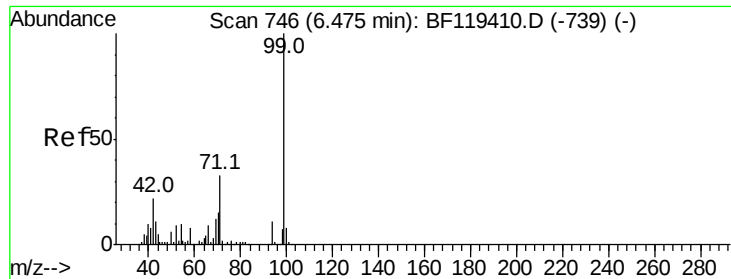
2-Fluorophenol
Concen: 139.403 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF119776.D
Acq: 6 Apr 2020 17:11

Tgt Ion:112 Resp: 1643187
Ion Ratio Lower Upper
112 100
64 70.7 56.7 85.1
63 36.3 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: 129.393 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119776.D

Acq: 6 Apr 2020 17:11

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH

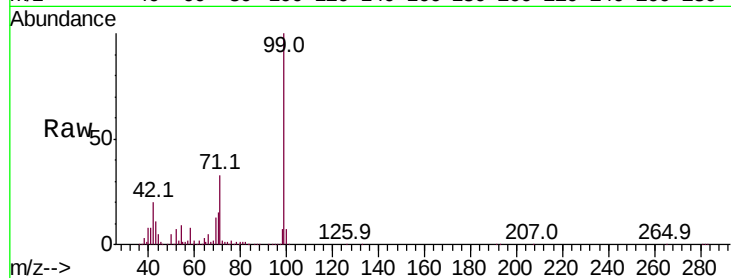
Tot Ion: 99 Resp: 1948329

Ion Ratio Lower Upper

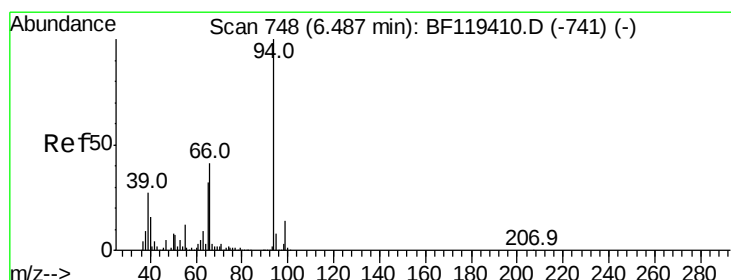
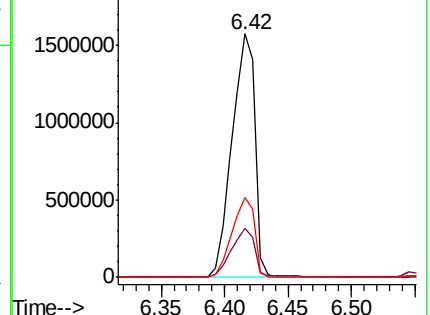
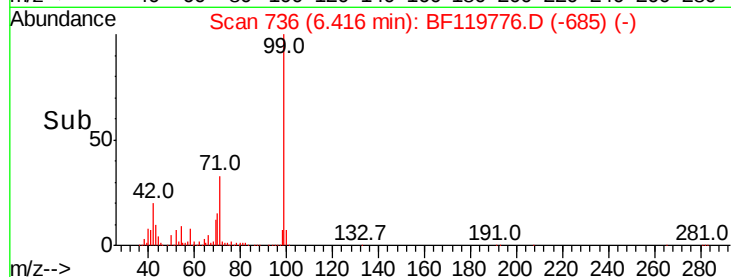
99 100

42 20.1 16.6 24.8

71 32.8 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: 2.424 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF119776.D

Acq: 6 Apr 2020 17:11

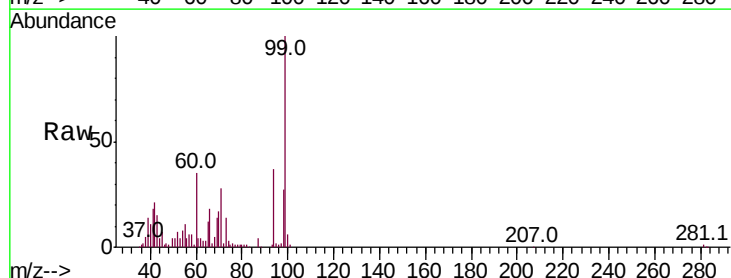
Tgt Ion: 94 Resp: 38952

Ion Ratio Lower Upper

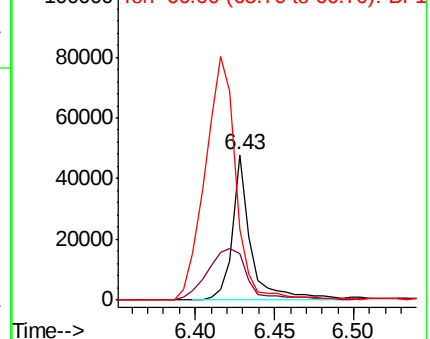
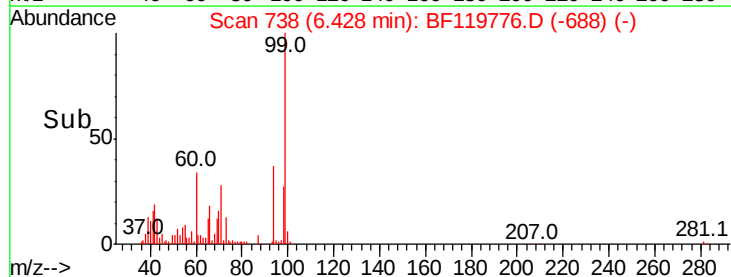
94 100

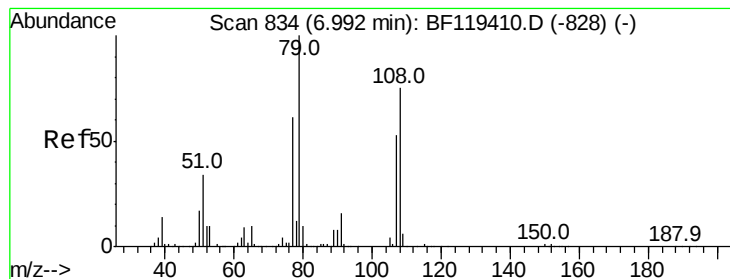
65 32.0 13.2 53.2

66 49.0 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





#15

Benzyl Alcohol

Concen: 10.032 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF119776.D

Acq: 6 Apr 2020 17:11

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH

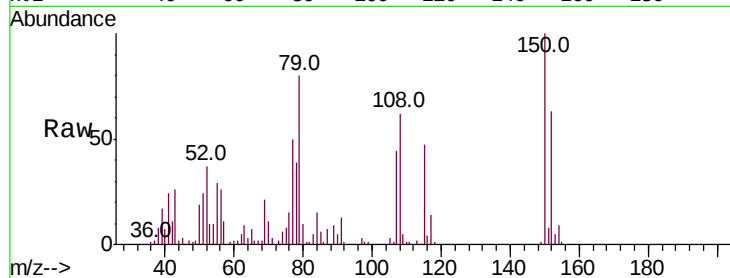
Tot Ion: 79 Resp: 113626

Ion Ratio Lower Upper

79 100

108 77.6 60.6 90.8

77 62.8 50.2 75.2

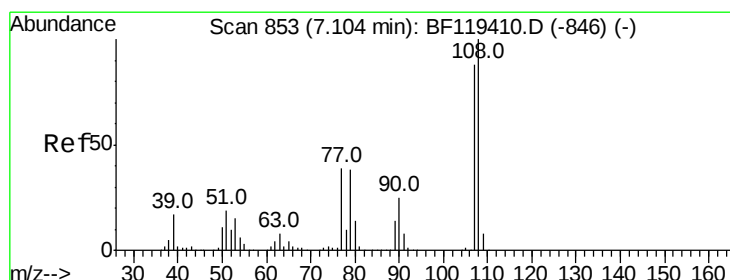
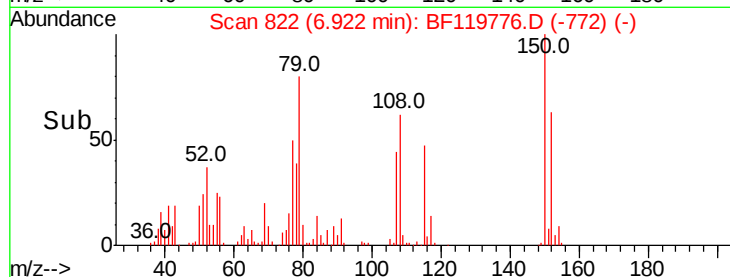
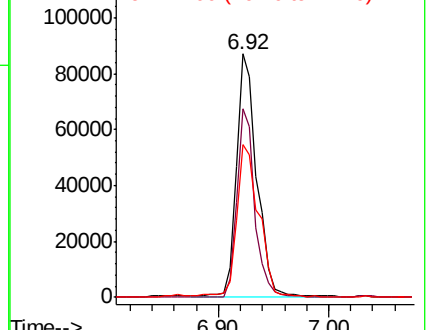


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1



#17

2-Methylphenol

Concen: 4.290 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.12 min

Lab File: BF119776.D

Acq: 6 Apr 2020 17:11

Tgt Ion:107 Resp: 48662

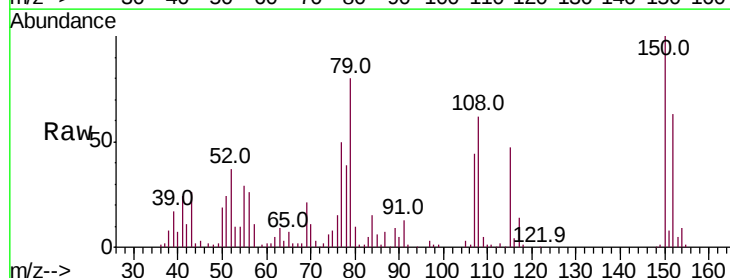
Ion Ratio Lower Upper

107 100

108 143.0 92.2 138.4#

77 115.7 36.6 54.8#

79 184.3 36.2 54.4#



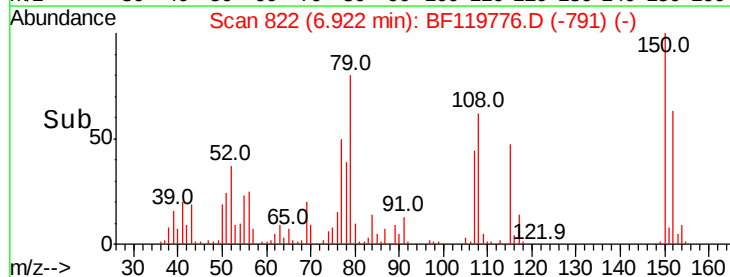
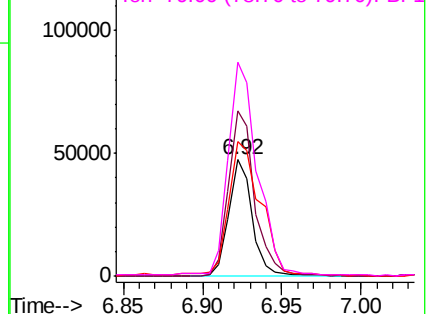
Abundance

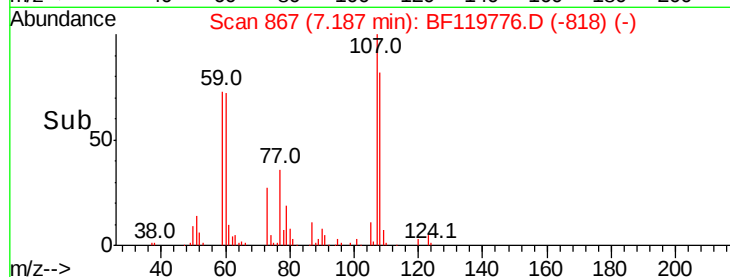
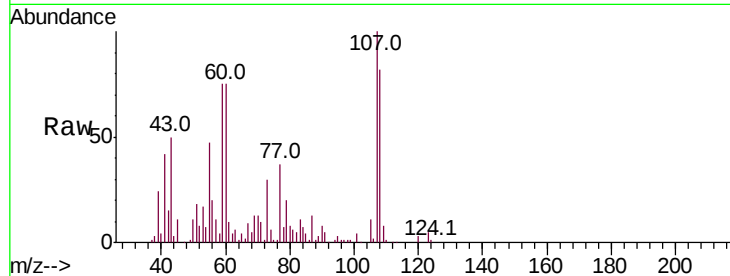
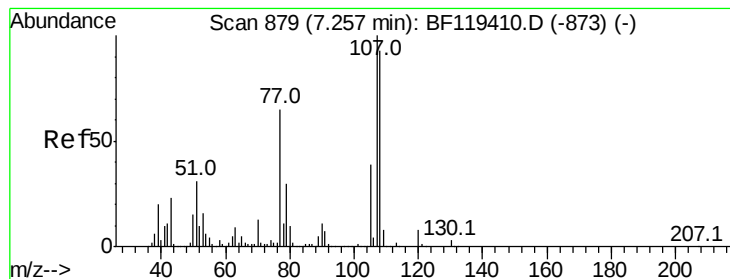
Ion 107.00 (106.70 to 107.70): E

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





#20

3+4-Methylphenols

Concen: 5.764 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF119776.D

Acq: 6 Apr 2020 17:11

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH

Tot Ion:107 Resp: 80133

Ion Ratio Lower Upper

107 100

108 81.5 67.9 107.9

77 36.8 52.9 92.9#

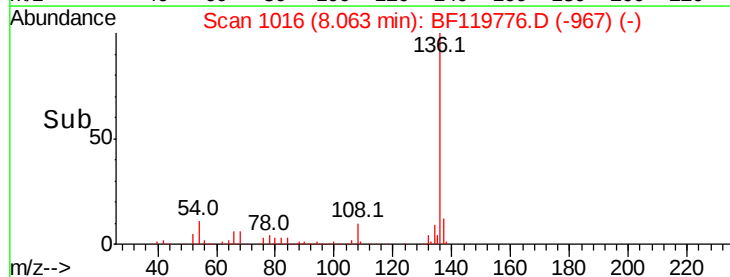
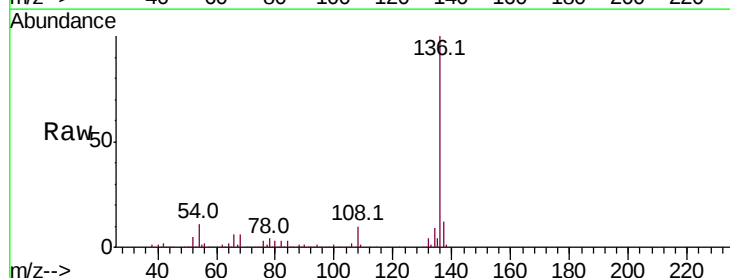
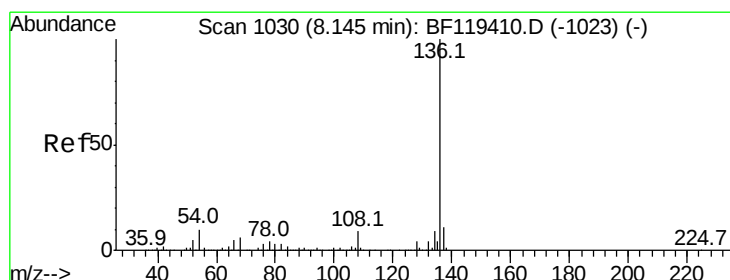
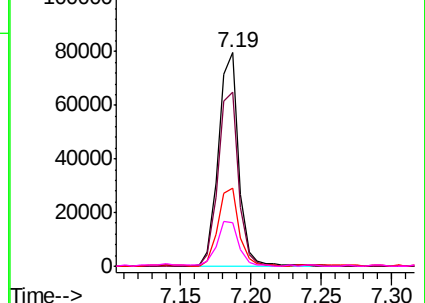
79 20.1 7.7 47.7

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: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF119776.D

Acq: 6 Apr 2020 17:11

Tgt Ion:136 Resp: 726349

Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 11.1 9.1 13.7

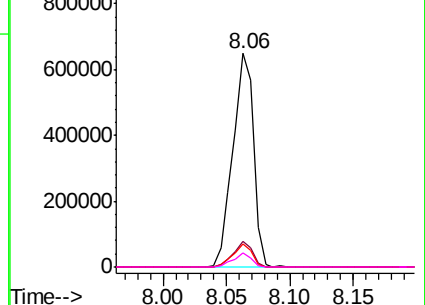
68 6.4 4.6 6.8

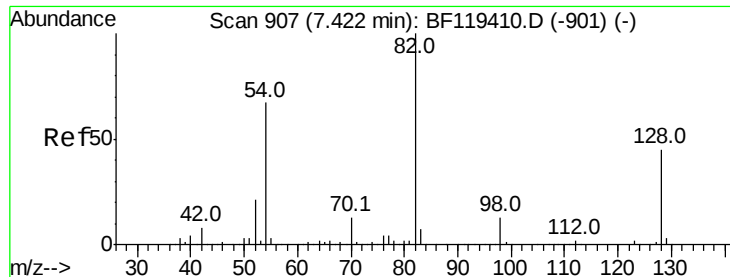
Abundance Ion 136.00 (135.70 to 136.70): E

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

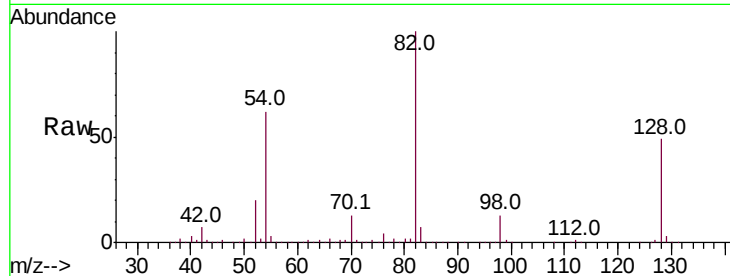




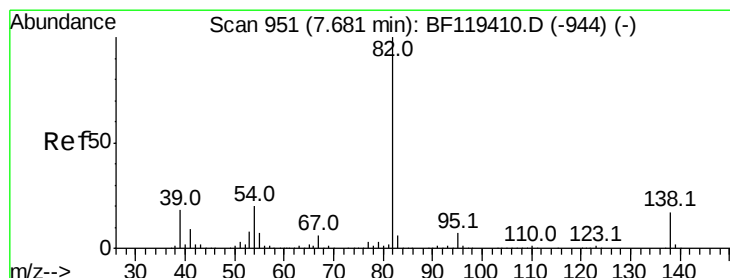
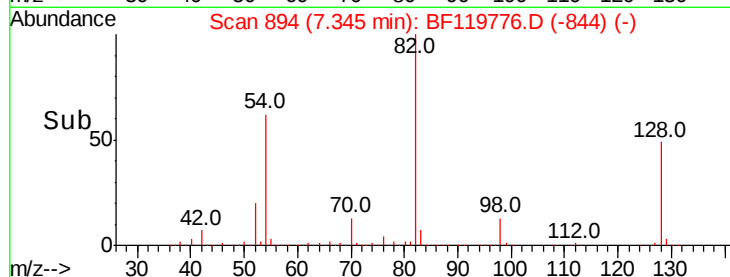
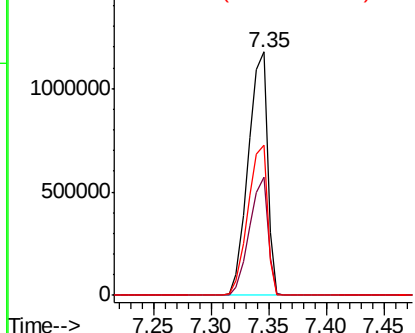
#23
 Nitrobenzene-d5
 Concen: 101.848 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF119776.D
 Acq: 6 Apr 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH

Tot Ion: 82 Resp: 1361175
 Ion Ratio Lower Upper
 82 100
 128 48.7 36.3 54.5
 54 61.6 50.6 75.8

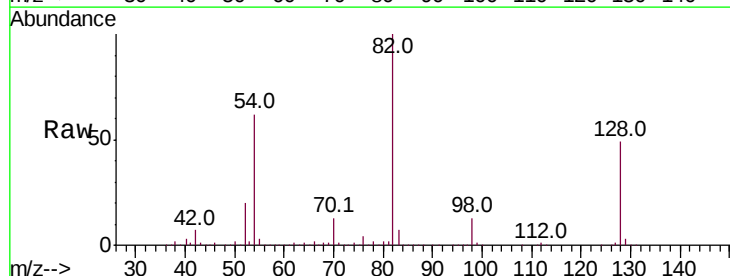


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

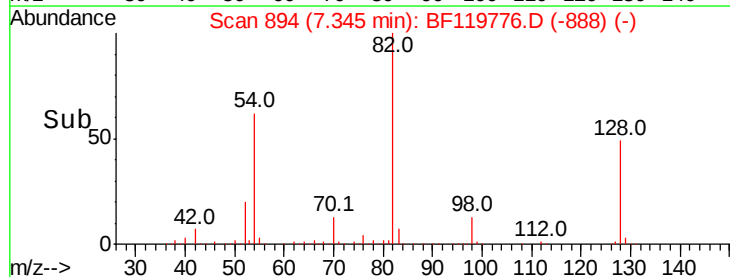
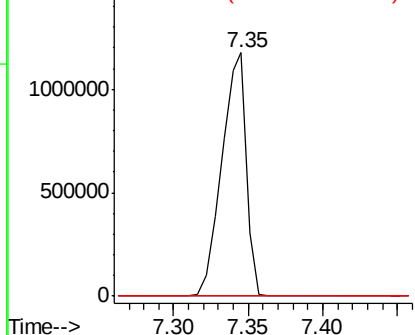


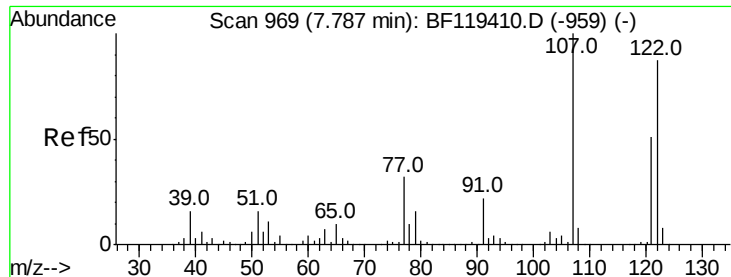
#25
 Isophorone
 Concen: 50.064 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.26 min
 Lab File: BF119776.D
 Acq: 6 Apr 2020 17:11

Tgt Ion: 82 Resp: 1357295
 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

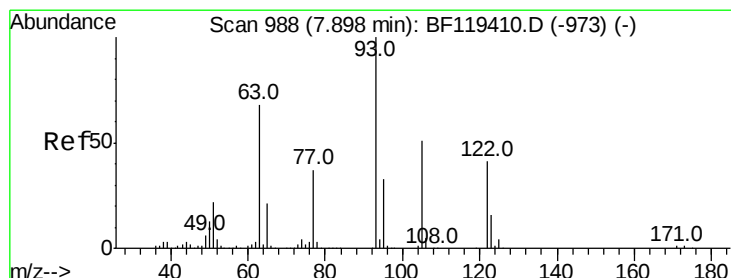
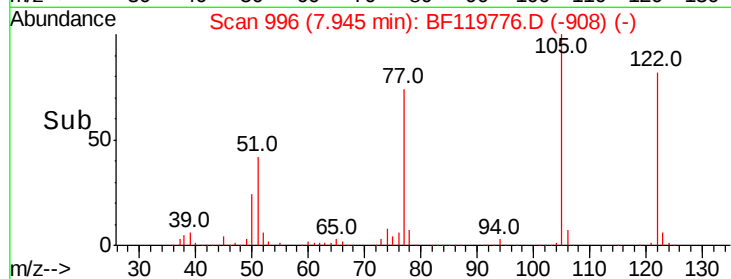
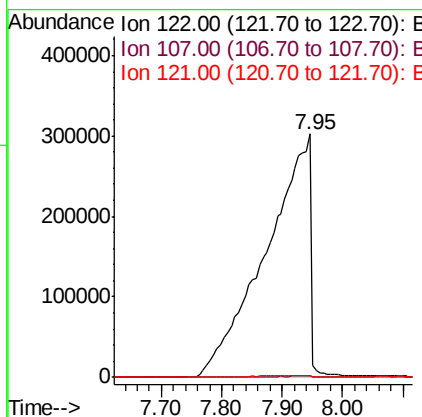
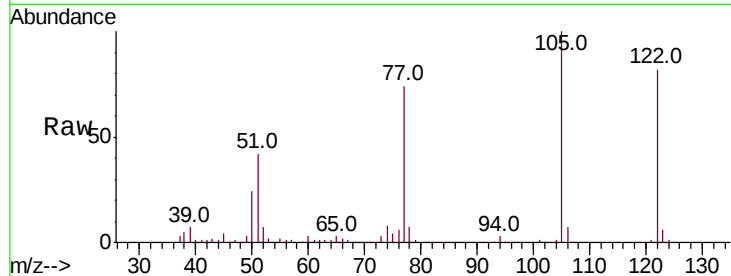




#27
 2,4-Dimethylphenol
 Concen: 132.792 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.22 min
 Lab File: BF119776.D
 Acq: 6 Apr 2020 17:11

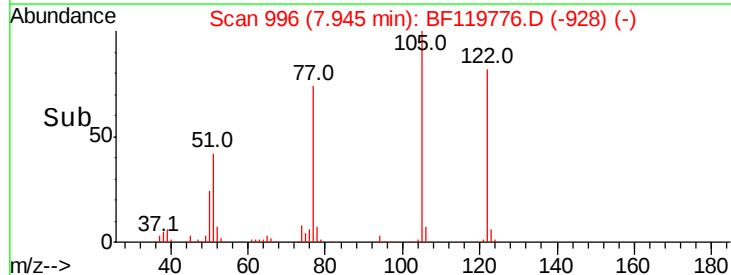
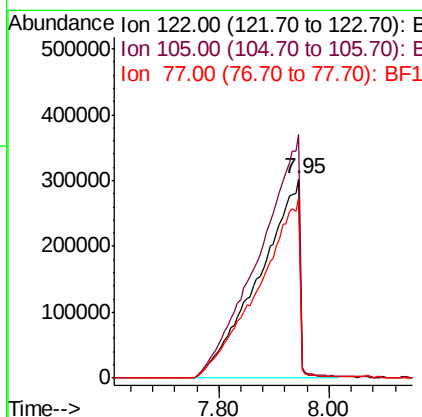
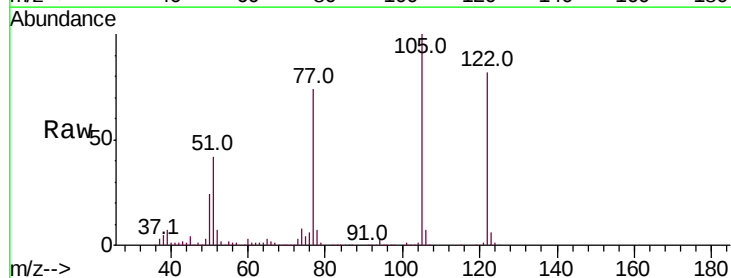
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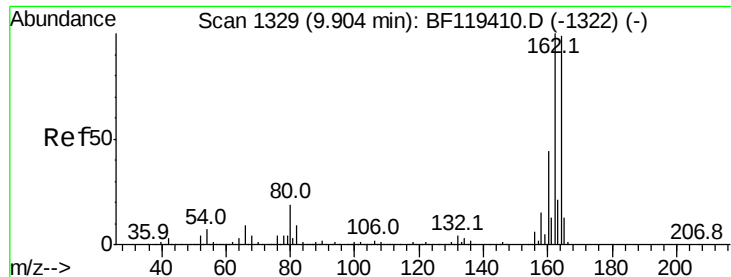
Tot Ion:122 Resp: 1544155
 Ion Ratio Lower Upper
 122 100
 107 0.6 89.0 133.6#
 121 0.9 46.7 70.1#



#32
 Benzoic acid
 Concen: 206.872 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.10 min
 Lab File: BF119776.D
 Acq: 6 Apr 2020 17:11

Tgt Ion:122 Resp: 1547411
 Ion Ratio Lower Upper
 122 100
 105 122.2 104.9 144.9
 77 90.4 74.4 114.4

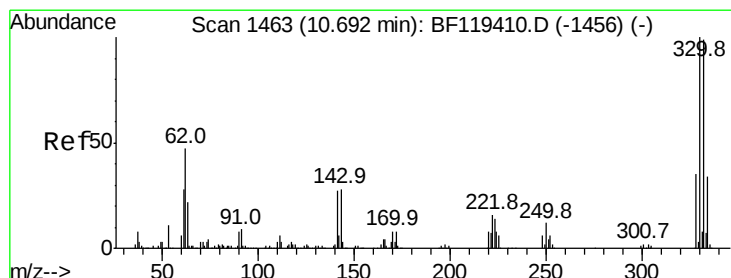
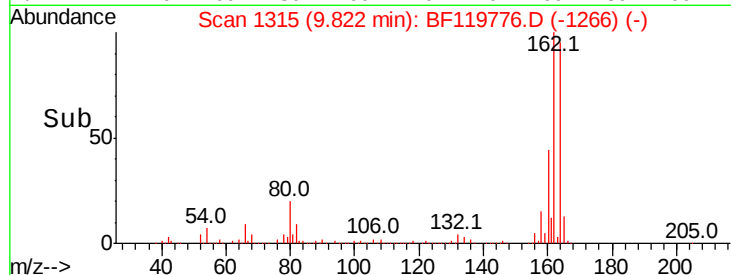
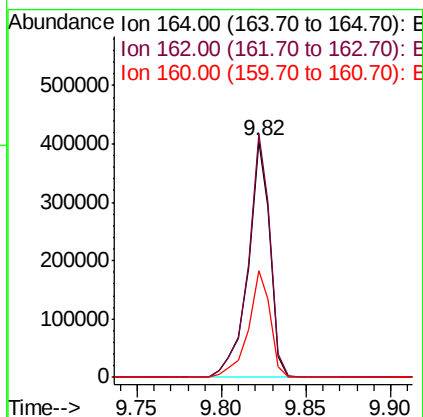
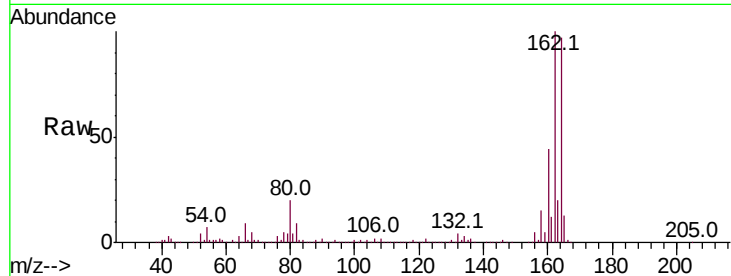




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119776.D
 Acq: 6 Apr 2020 17:11

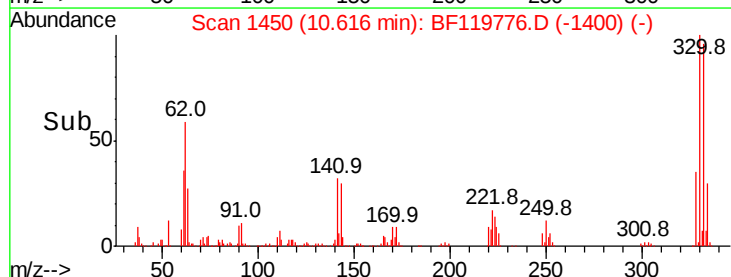
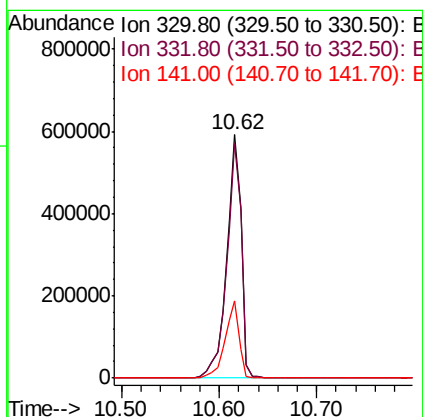
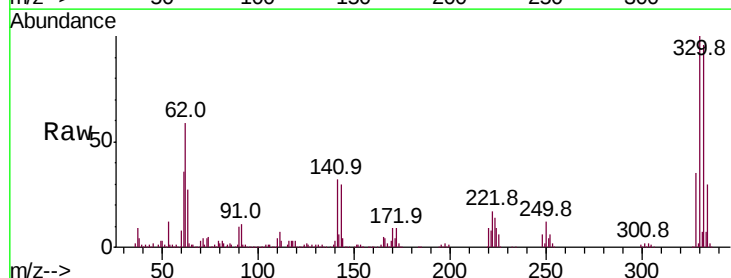
Instrument :
 BNA_F
 ClientSampleId :
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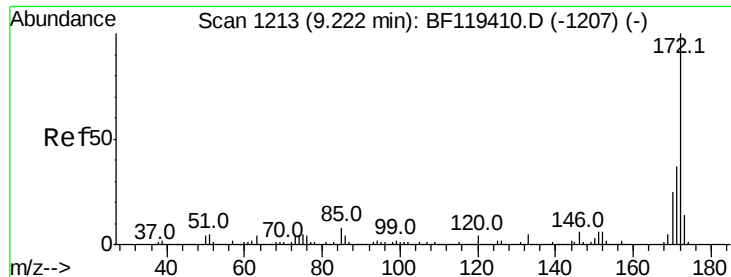
Tot Ion:164 Resp: 366242
 Ion Ratio Lower Upper
 164 100
 162 103.0 80.6 121.0
 160 45.2 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 161.198 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119776.D
 Acq: 6 Apr 2020 17:11

Tgt Ion:330 Resp: 609069
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.7 113.5
 141 31.0 25.4 38.0

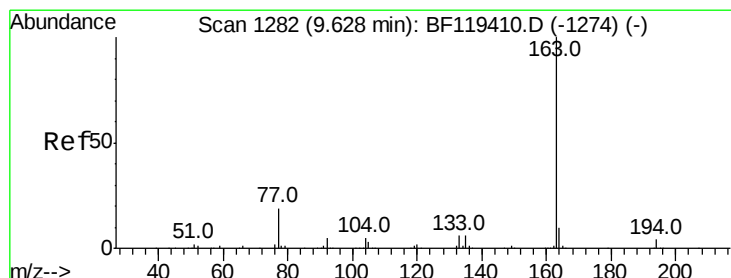
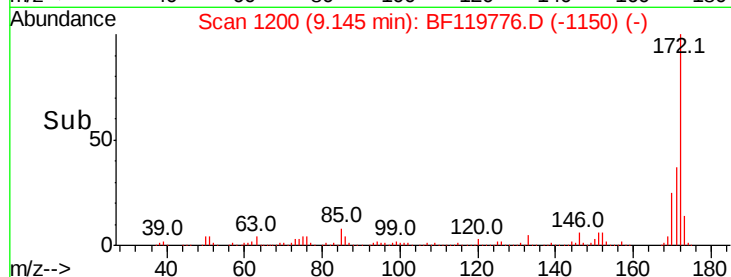
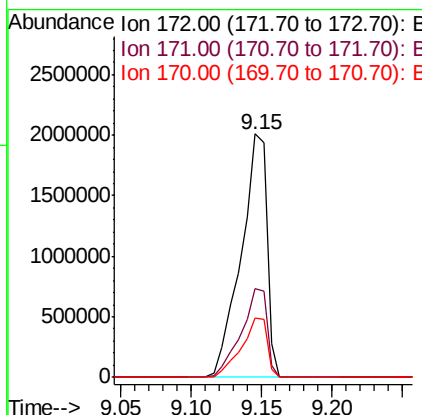
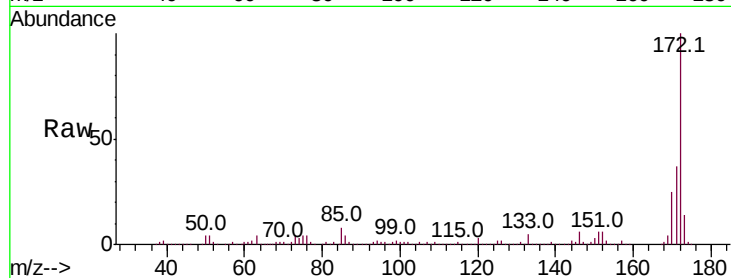




#45
2-Fluorobiphenyl
Concen: 104.314 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF119776.D
Acq: 6 Apr 2020 17:11

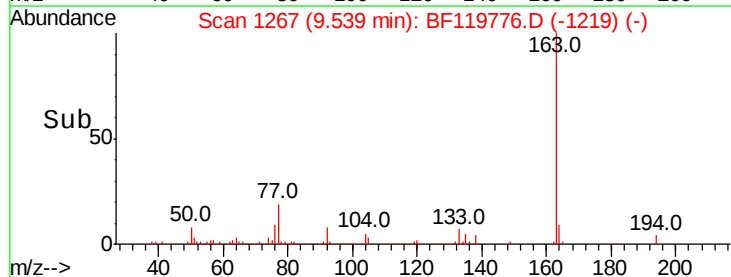
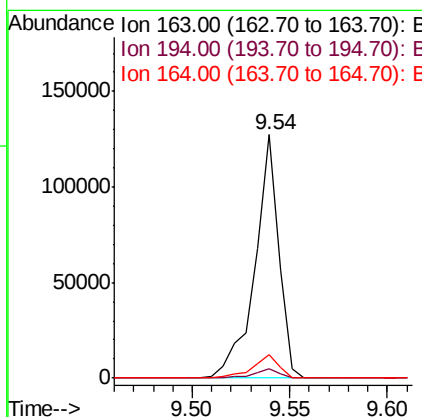
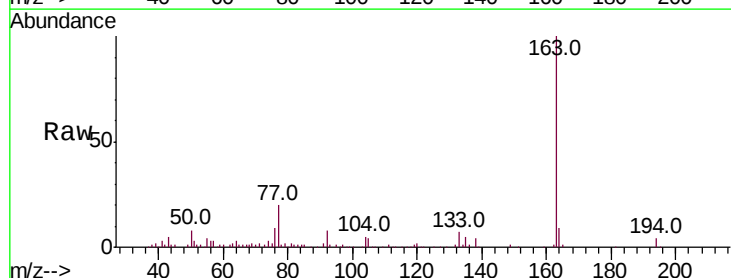
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

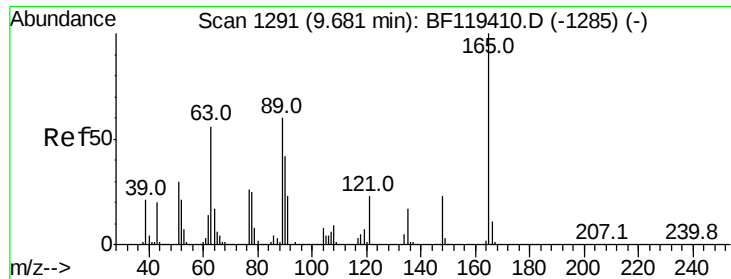
Tot Ion:172 Resp: 2578791
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.5 20.2 30.2



#50
Dimethylphthalate
Concen: 4.144 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF119776.D
Acq: 6 Apr 2020 17:11

Tgt Ion:163 Resp: 107795
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.5 8.2 12.2

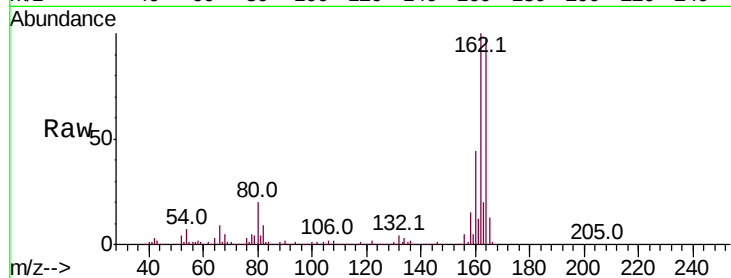




#51
 2,6-Dinitrotoluene
 Concen: 8.652 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF119776.D
 Acq: 6 Apr 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH

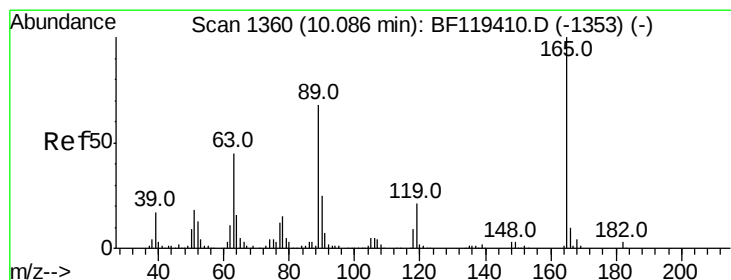
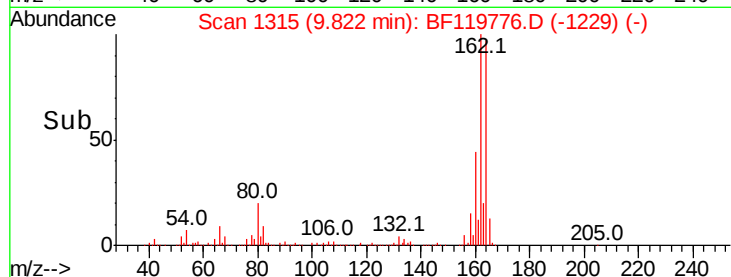
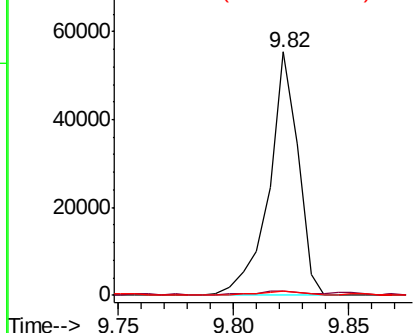
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	45.0	67.4#
89	1.8	41.5	62.3#



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: 6.868 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF119776.D
 Acq: 6 Apr 2020 17:11

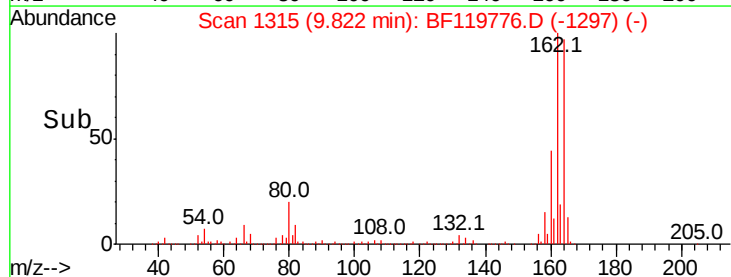
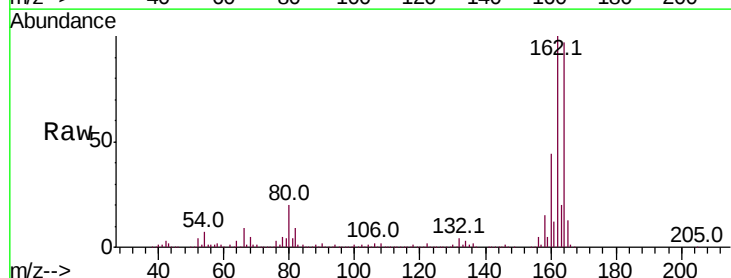
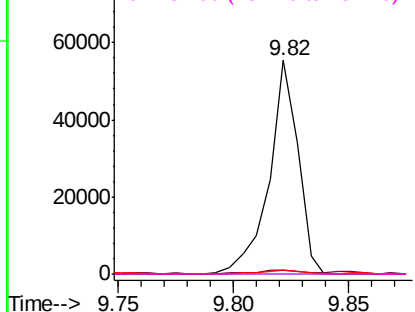
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.6	64.0#
89	1.8	61.0	91.4#
182	0.0	2.2	3.2#

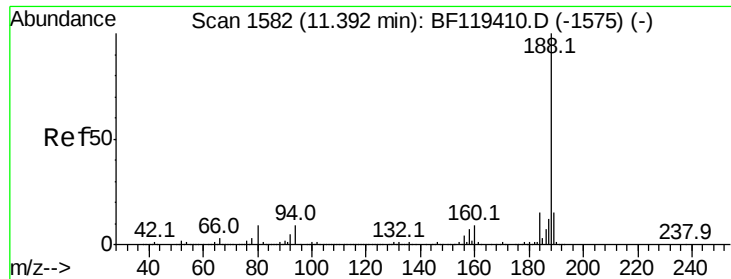
Abundance Ion 165.00 (164.70 to 165.70): E

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

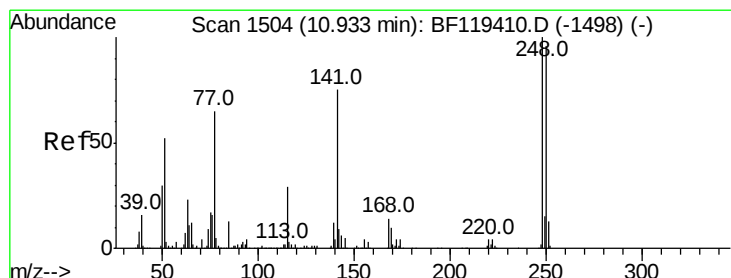
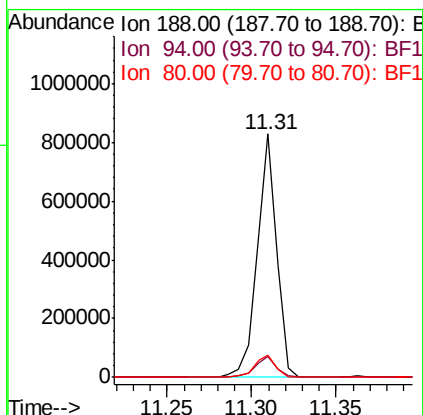
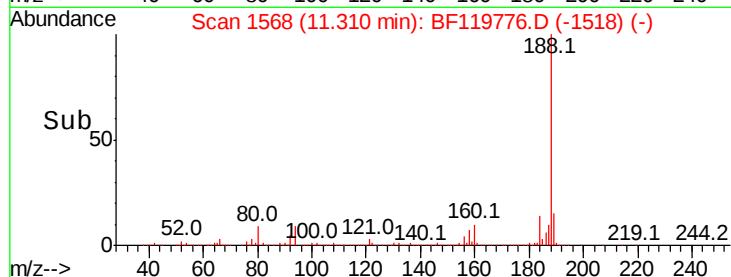
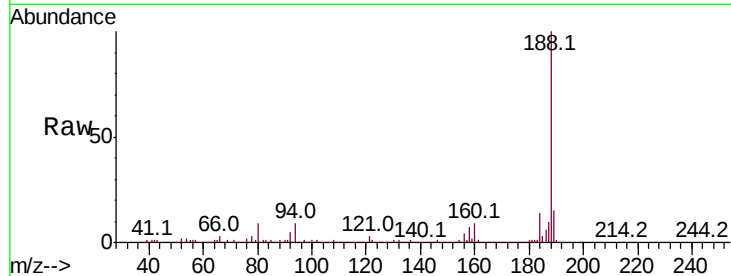




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119776.D
Acq: 6 Apr 2020 17:11

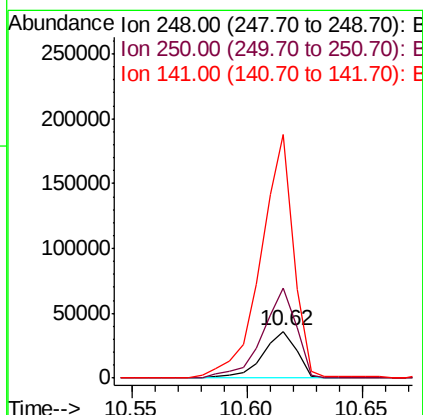
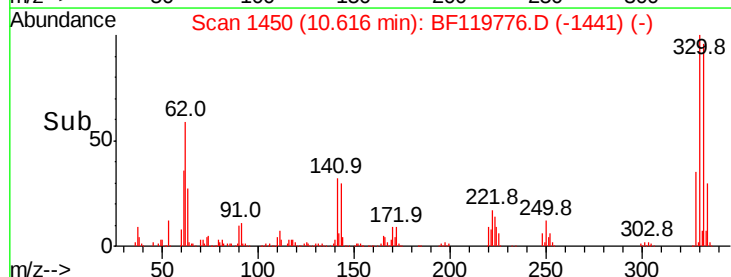
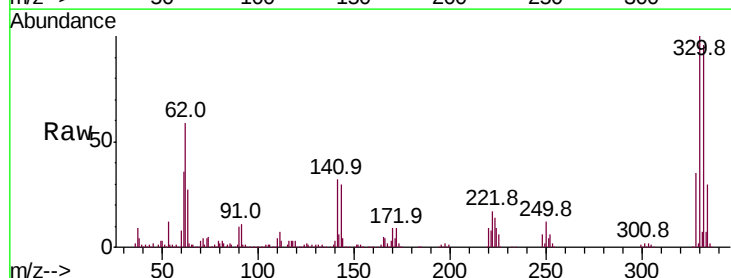
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

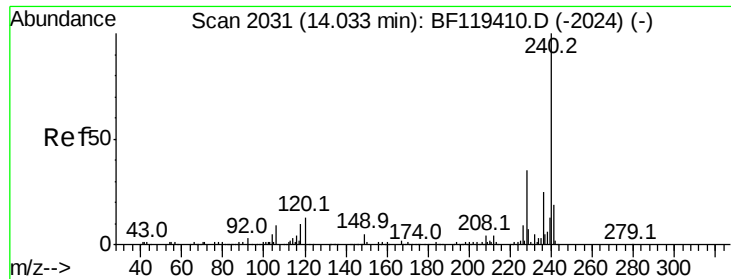
Tot Ion:188 Resp: 665828
Ion Ratio Lower Upper
188 100
94 8.6 7.5 11.3
80 9.1 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.844 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF119776.D
Acq: 6 Apr 2020 17:11

Tgt Ion:248 Resp: 36734
Ion Ratio Lower Upper
248 100
250 194.2 77.3 115.9#
141 523.5 58.6 87.8#

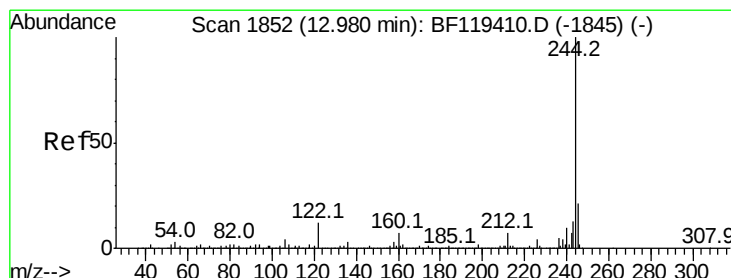
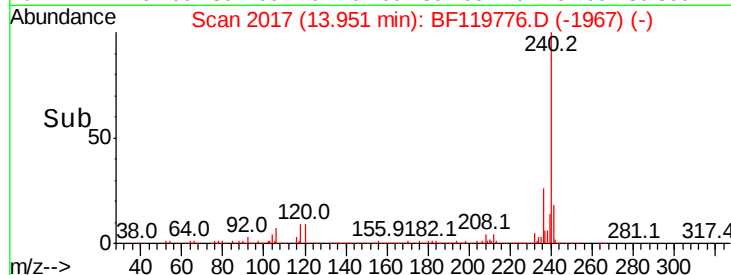
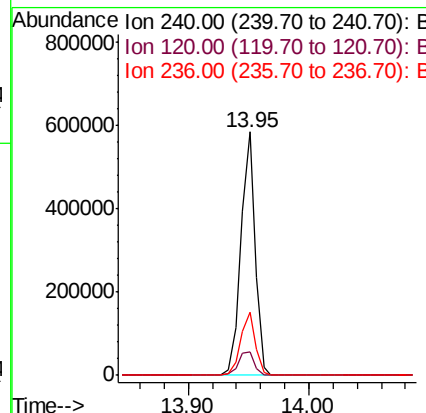
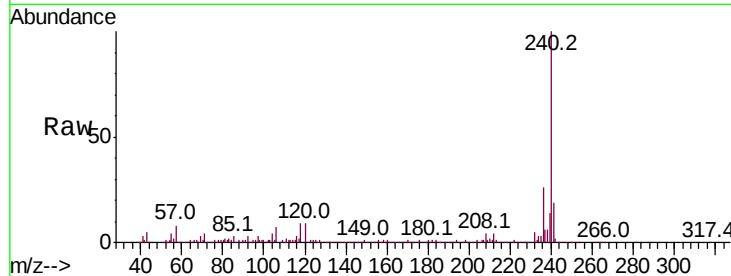




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF119776.D
 Acq: 6 Apr 2020 17:11

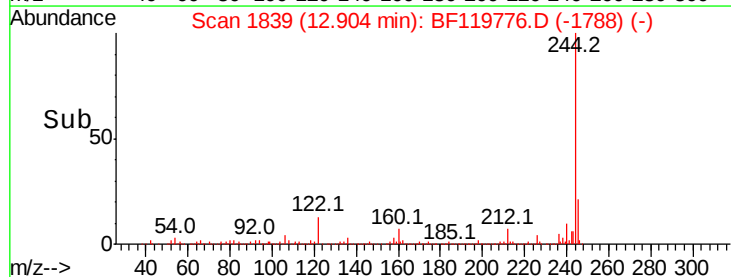
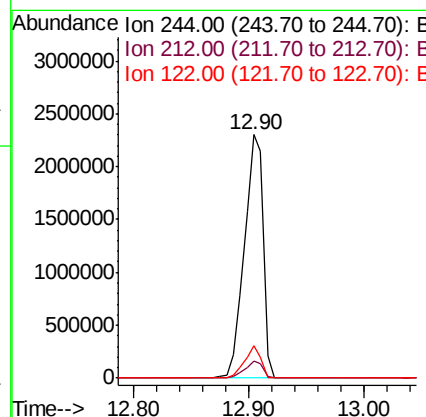
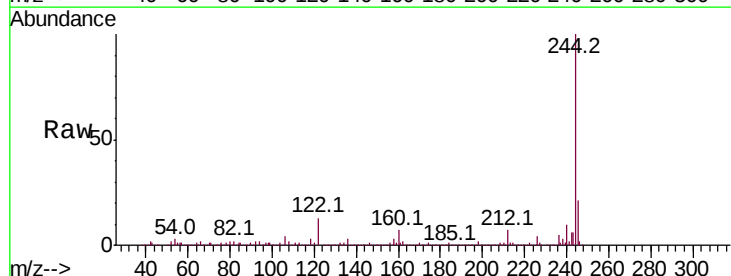
Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH

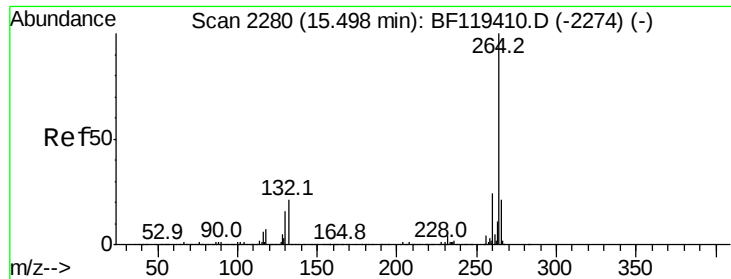
Tot Ion:240 Resp: 485031
 Ion Ratio Lower Upper
 240 100
 120 9.4 10.6 15.8#
 236 26.0 20.2 30.2



#79
 Terphenyl-d14
 Concen: 104.025 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF119776.D
 Acq: 6 Apr 2020 17:11

Tgt Ion:244 Resp: 2575294
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 13.3 10.3 15.5





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BF119776.D
 Acq: 6 Apr 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.7	28.1
265	21.8	17.7	26.5

