

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
 Data File : BG044724.D
 Acq On : 11 Mar 2020 17:52
 Operator : CG/JU
 Sample : L1798-06DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Mar 12 03:46:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	87181	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	357157	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	246952	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	562958	20.00	ng	0.00
76) Chrysene-d12	21.70	240	554790	20.00	ng	0.00
87) Perylene-d12	24.93	264	622934	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	172493	30.80	ng	0.00
7) Phenol-d6	7.21	99	256697	31.55	ng	0.00
23) Nitrobenzene-d5	9.21	82	158529	19.48	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	93589	28.94	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	371313	21.53	ng	0.00
79) Terphenyl-d14	20.05	244	697663	23.52	ng	0.00

Target Compounds

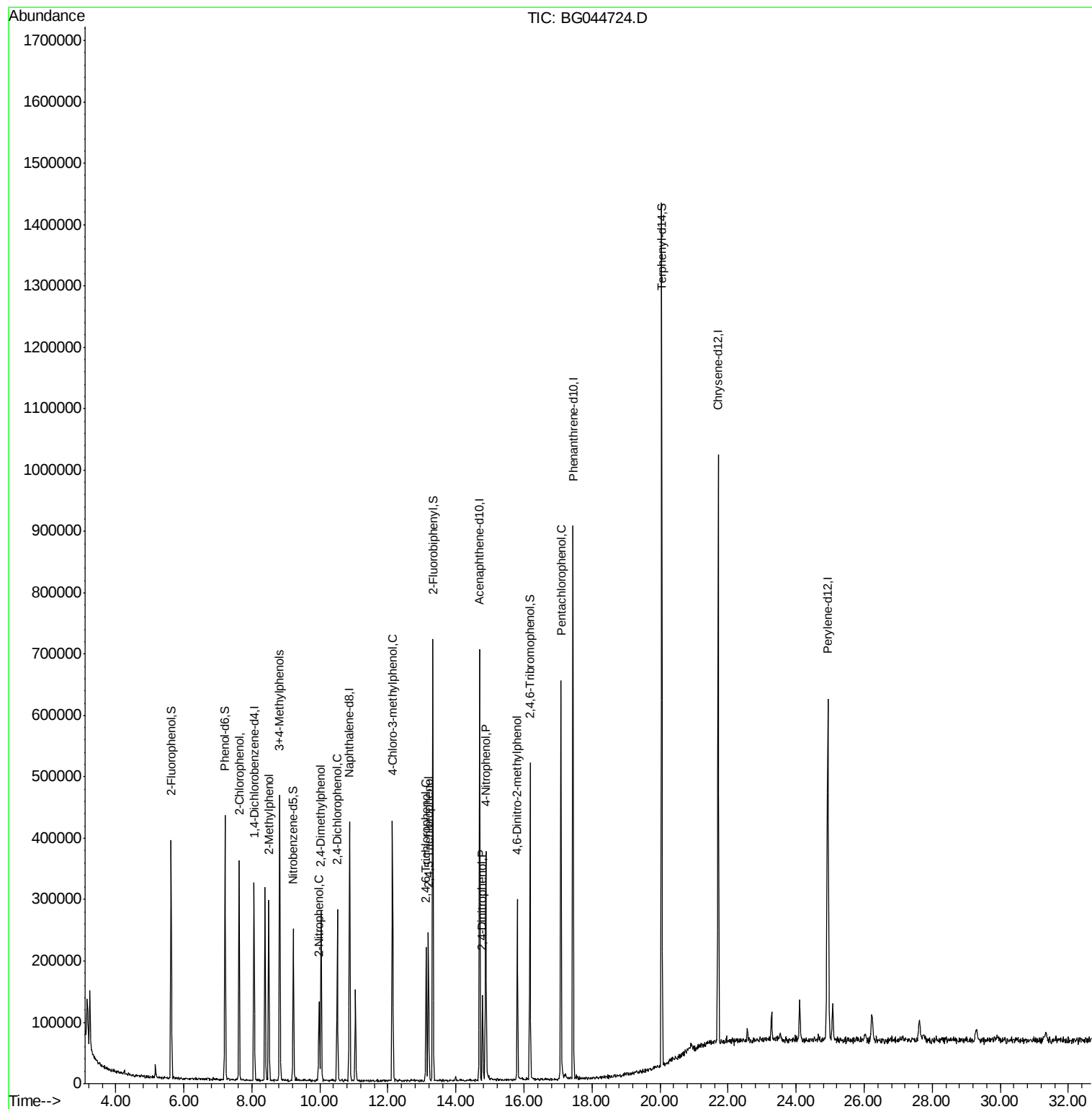
						Qvalue
8) 2-Chlorophenol	7.63	128	160399	28.691	ng	94
17) 2-Methylphenol	8.50	107	90514	16.587	ng	94
20) 3+4-Methylphenols	8.81	107	213274	28.352	ng	91
26) 2-Nitrophenol	9.98	139	42359	18.303	ng	94
27) 2,4-Dimethylphenol	10.04	122	83132	16.070	ng	95
29) 2,4-Dichlorophenol	10.51	162	99153	16.410	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	157946	21.918	ng	97
43) 2,4,6-Trichlorophenol	13.13	196	55638	10.308	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	67117	11.991	ng	91
54) 2,4-Dinitrophenol	14.78	184	35696	23.760	ng	# 57
56) 4-Nitrophenol	14.88	139	87223	25.074	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	70839	30.163	ng	95
70) Pentachlorophenol	17.09	266	115432	27.477	ng	98

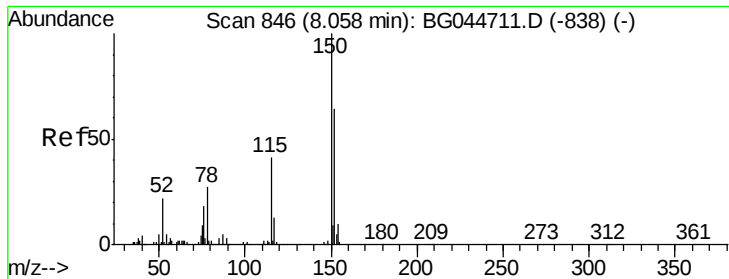
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
Data File : BG044724.D
Acq On : 11 Mar 2020 17:52
Operator : CG/JU
Sample : L1798-06DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Quant Time: Mar 12 03:46:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration



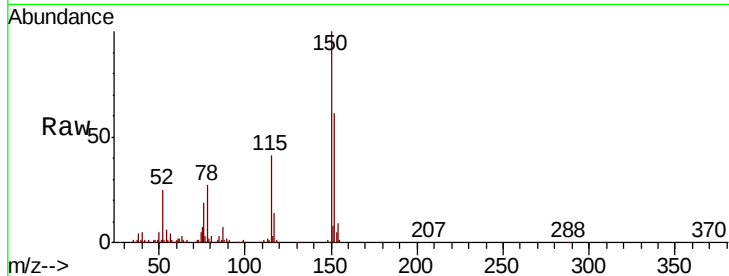


#1

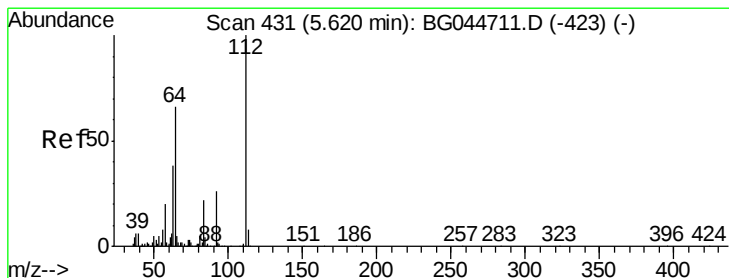
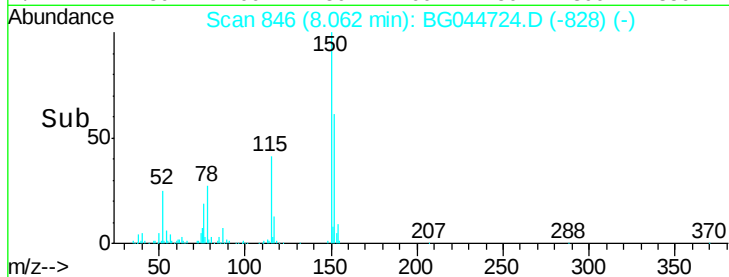
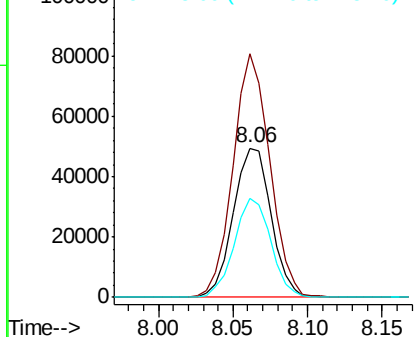
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG044724.D
Acq: 11 Mar 2020 17:52

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.9	125.3	187.9
115	66.3	51.7	77.5



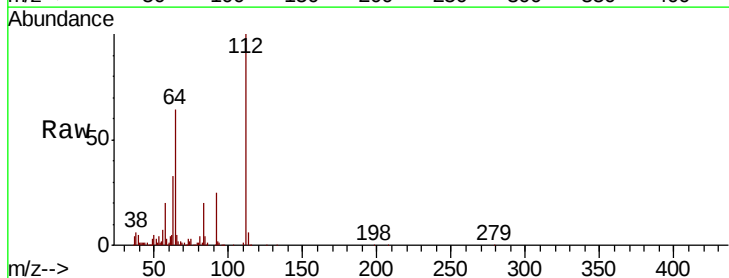
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



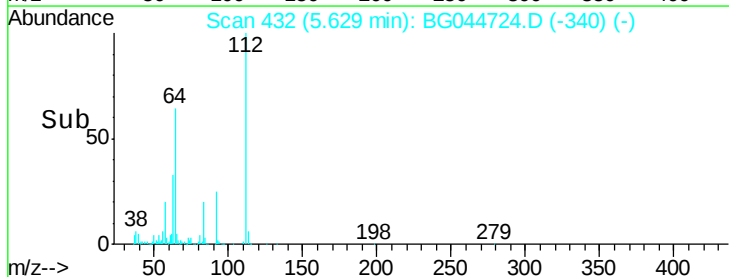
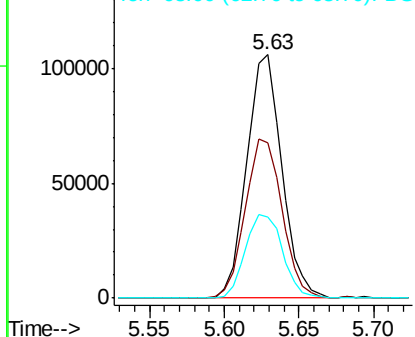
#5

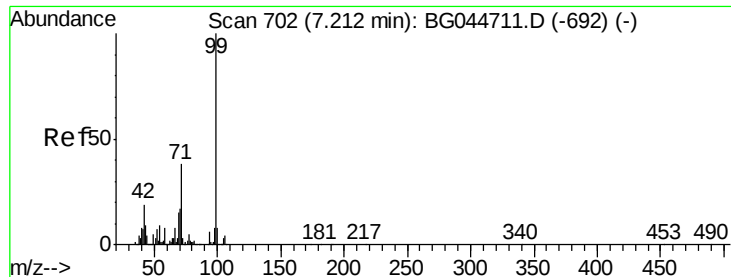
2-Fluorophenol
Concen: 30.800 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG044724.D
Acq: 11 Mar 2020 17:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	52.6	78.8
63	33.5	30.2	45.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 31.547 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044724.D

Acq: 11 Mar 2020 17:52

Instrument :

BNA_G

ClientSampleId :

PT-ACIDS-WPDL

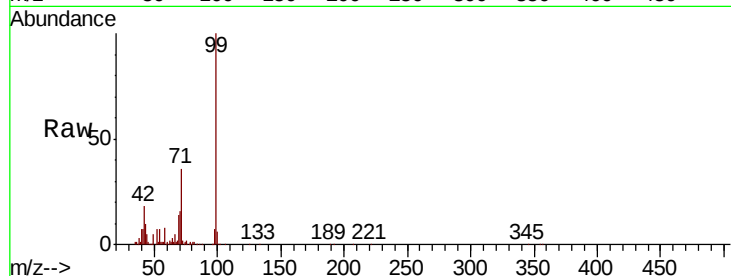
Tot Ion: 99 Resp: 256697

Ion Ratio Lower Upper

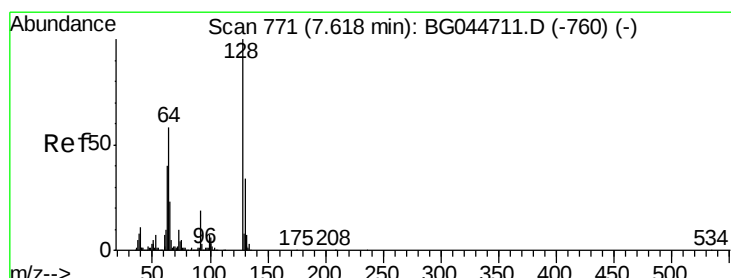
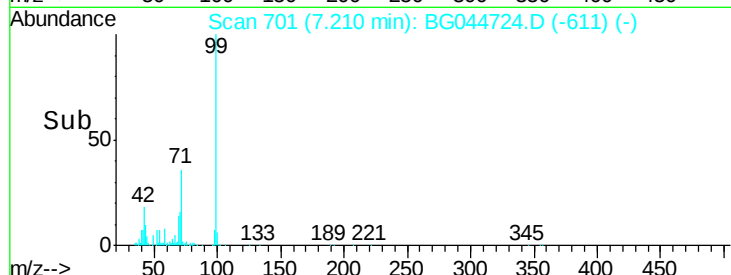
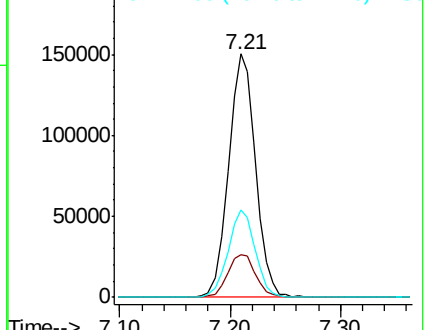
99 100

42 17.5 15.4 23.0

71 35.8 30.2 45.4



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



#8

2-Chlorophenol

Concen: 28.691 ng

RT: 7.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BG044724.D

Acq: 11 Mar 2020 17:52

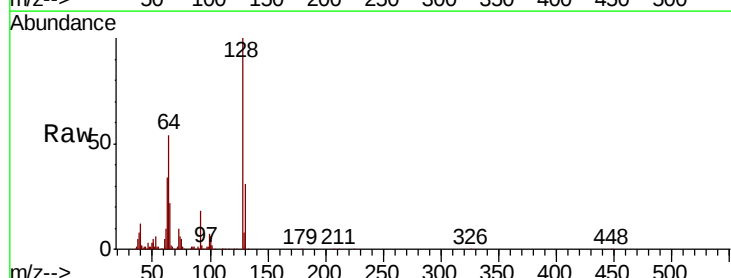
Tgt Ion:128 Resp: 160399

Ion Ratio Lower Upper

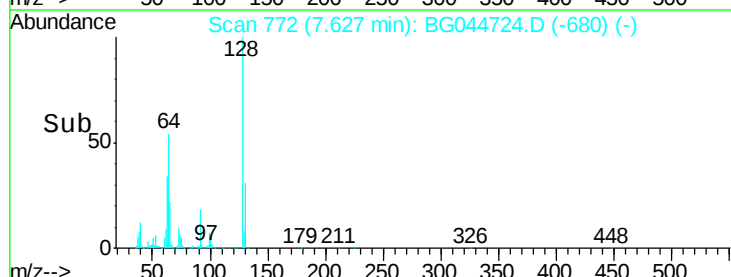
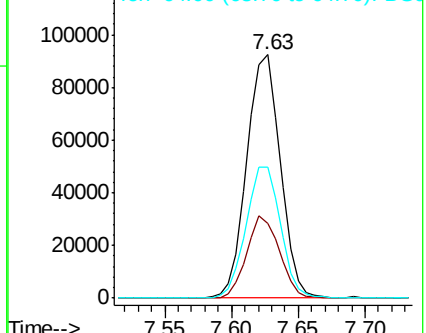
128 100

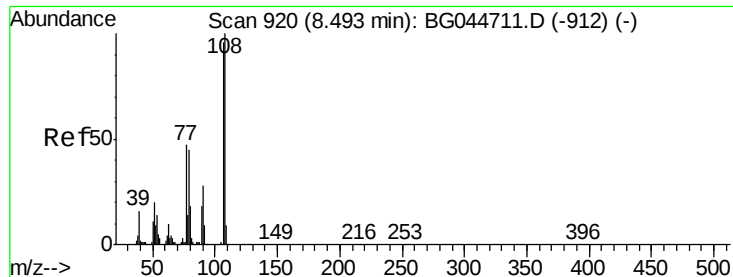
130 30.6 13.6 53.6

64 53.5 38.6 78.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#17

2-Methylphenol

Concen: 16.587 ng

RT: 8.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG044724.D

Acq: 11 Mar 2020 17:52

Instrument :

BNA_G

ClientSampleId :

PT-ACIDS-WPDL

Tot Ion:107 Resp: 90514

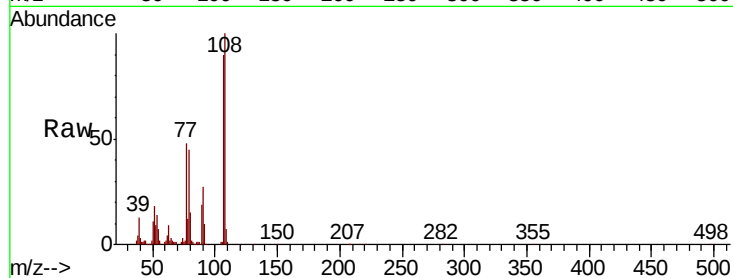
Ion Ratio Lower Upper

107 100

108 111.0 83.2 124.8

77 53.5 39.0 58.6

79 50.3 37.6 56.4

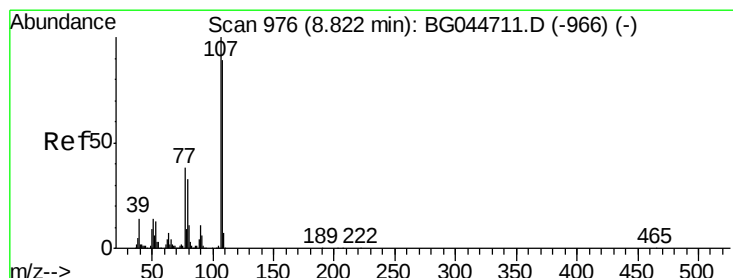
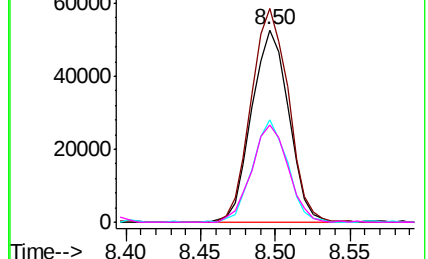
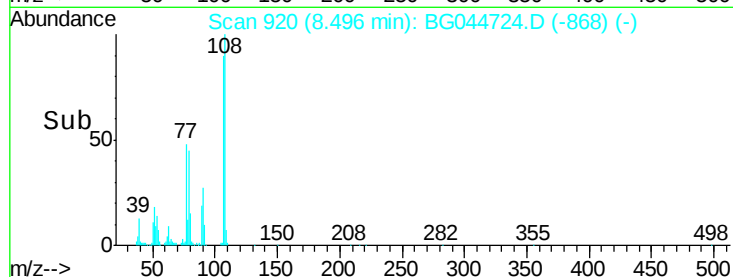


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#20

3+4-Methylphenols

Concen: 28.352 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG044724.D

Acq: 11 Mar 2020 17:52

Tgt Ion:107 Resp: 213274

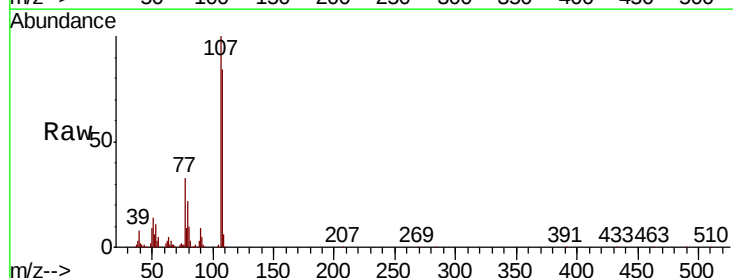
Ion Ratio Lower Upper

107 100

108 83.5 69.1 109.1

77 32.8 17.7 57.7

79 22.0 13.0 53.0

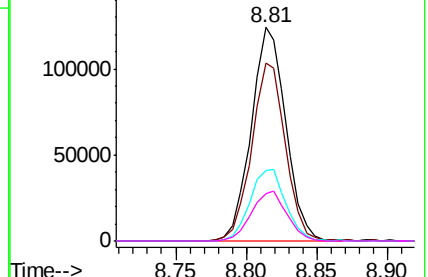
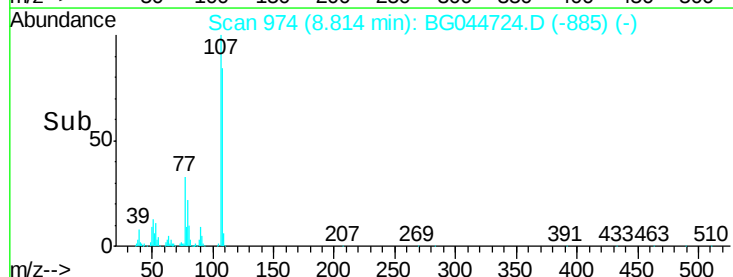


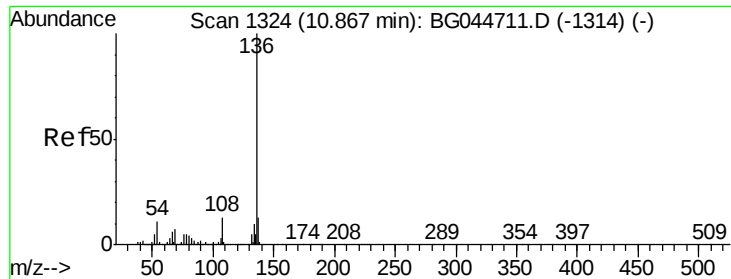
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

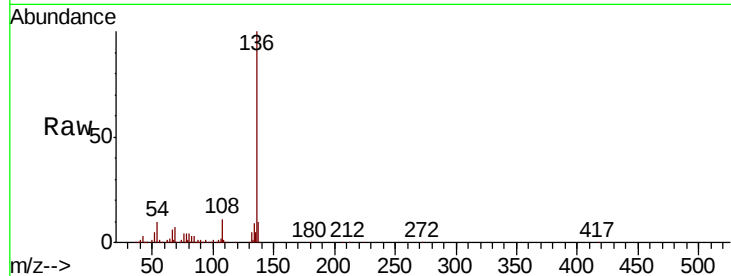




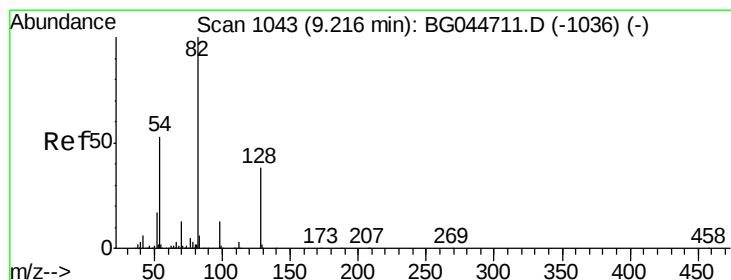
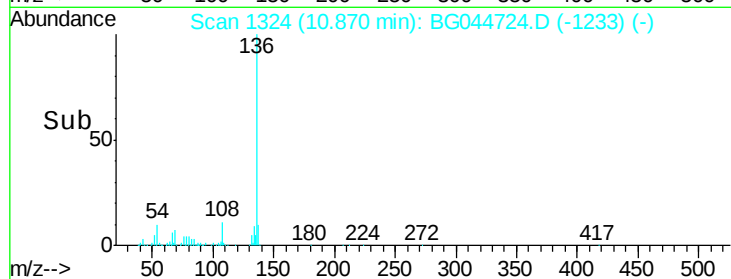
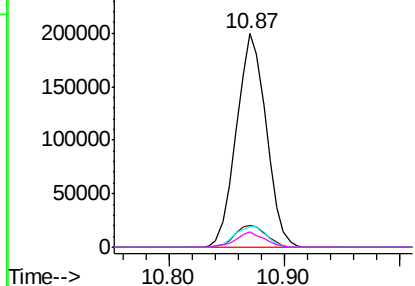
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044724.D
Acq: 11 Mar 2020 17:52

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion:136	Resp:	357157
Ion Ratio	Lower	Upper
136 100		
137 10.3	10.7	16.1#
54 9.5	9.0	13.4
68 7.0	5.9	8.9

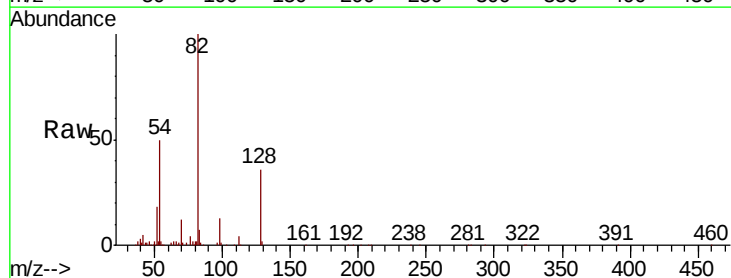


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

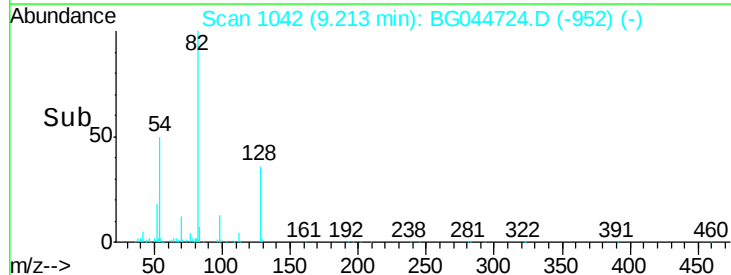
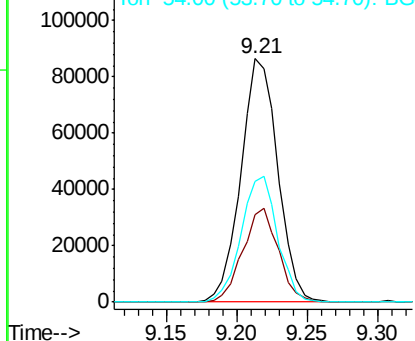


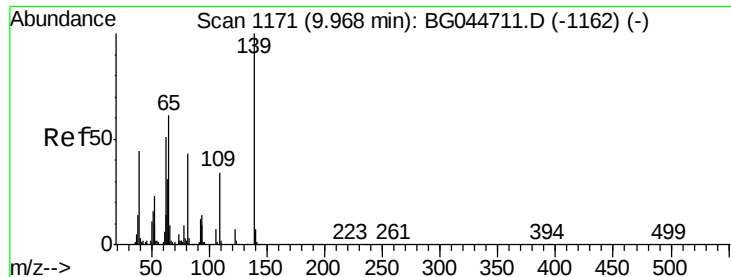
#23
Nitrobenzene-d5
Concen: 19.477 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG044724.D
Acq: 11 Mar 2020 17:52

Tgt	Ion: 82	Resp:	158529
Ion	Ratio	Lower	Upper
82	100		
128	36.1	30.2	45.2
54	49.8	41.8	62.8



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

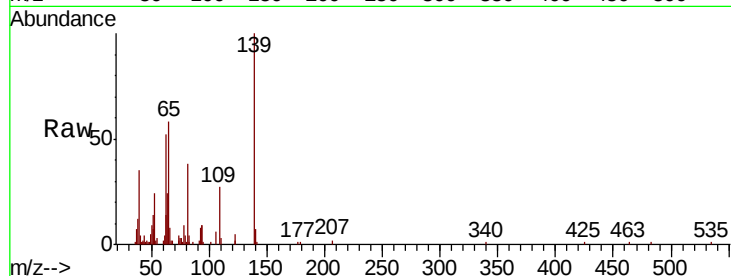




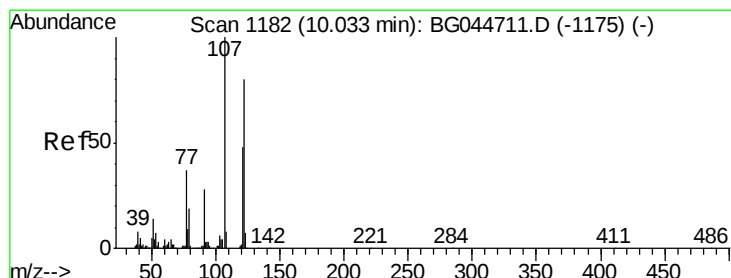
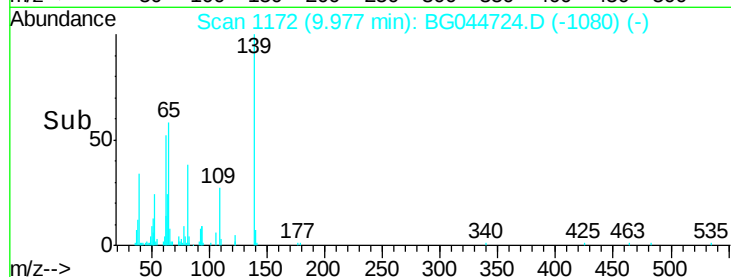
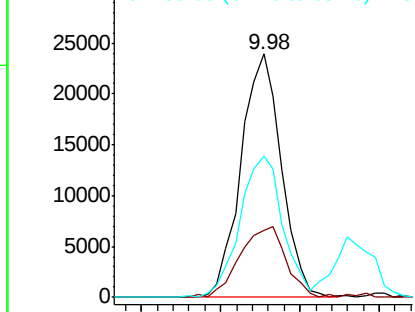
#26
2-Nitrophenol
Concen: 18.303 ng
RT: 9.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG044724.D
Acq: 11 Mar 2020 17:52

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion:139 Resp: 42359
Ion Ratio Lower Upper
139 100
109 27.3 27.0 40.4
65 58.0 48.6 73.0

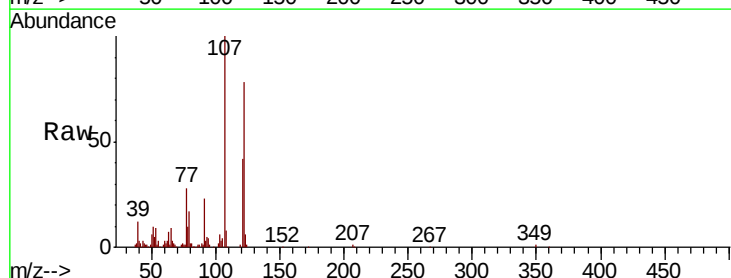


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

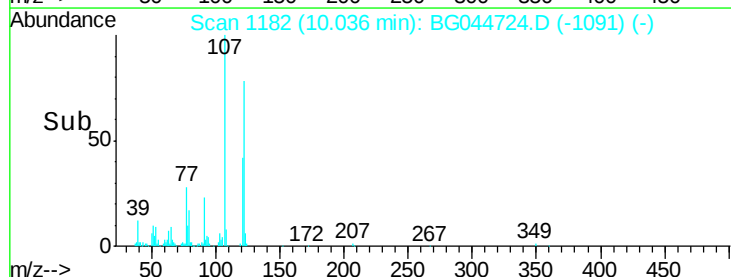
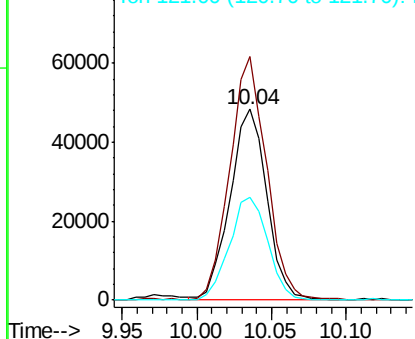


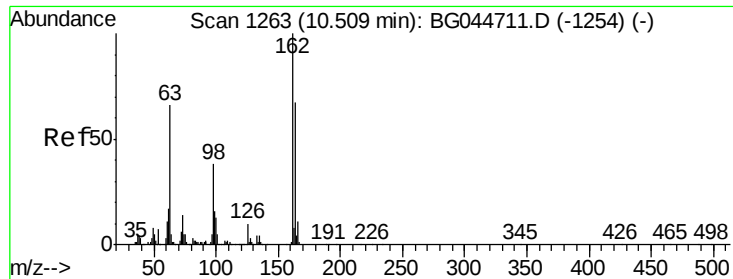
#27
2,4-Dimethylphenol
Concen: 16.070 ng
RT: 10.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG044724.D
Acq: 11 Mar 2020 17:52

Tgt Ion:122 Resp: 83132
Ion Ratio Lower Upper
122 100
107 127.5 99.0 148.6
121 53.6 47.6 71.4



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

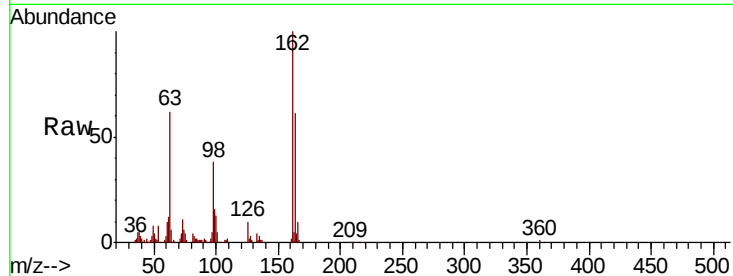




#29
2,4-Dichlorophenol
Concen: 16.410 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG044724.D
Acq: 11 Mar 2020 17:52

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.4	46.5	86.5
98	37.9	18.1	58.1

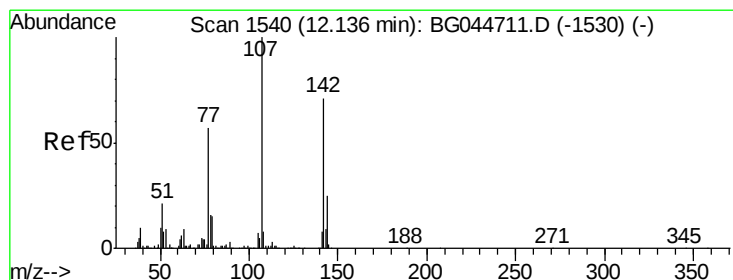
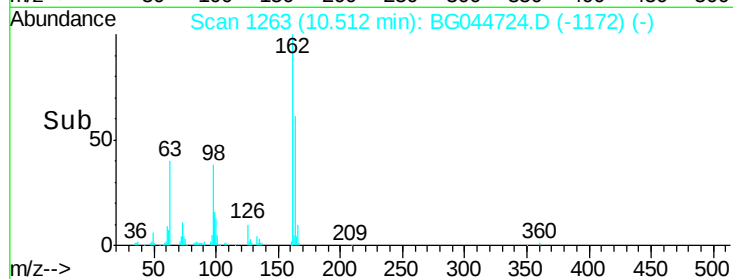
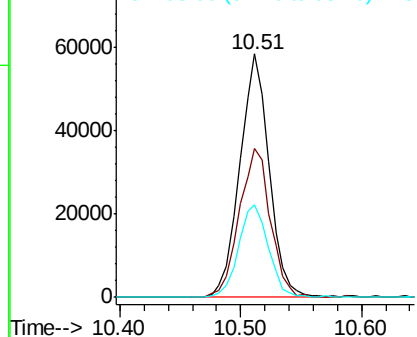


Abundance

Ion 162.00 (161.70 to 162.70): E

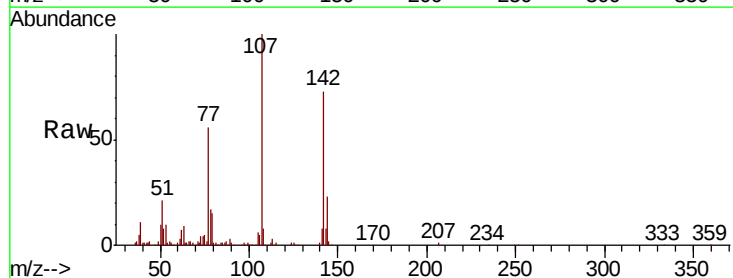
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#36
4-Chloro-3-methylphenol
Concen: 21.918 ng
RT: 12.13 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BG044724.D
Acq: 11 Mar 2020 17:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	19.6	29.4
142	73.1	56.5	84.7

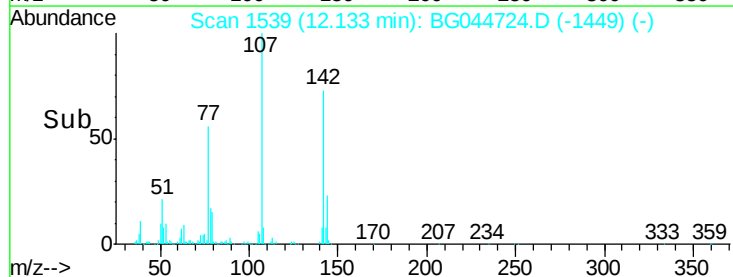
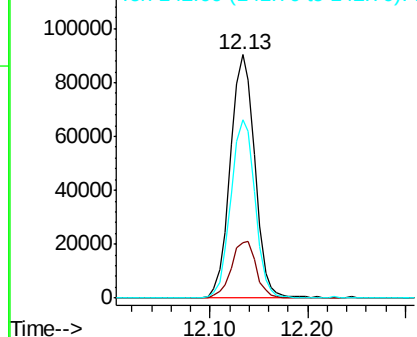


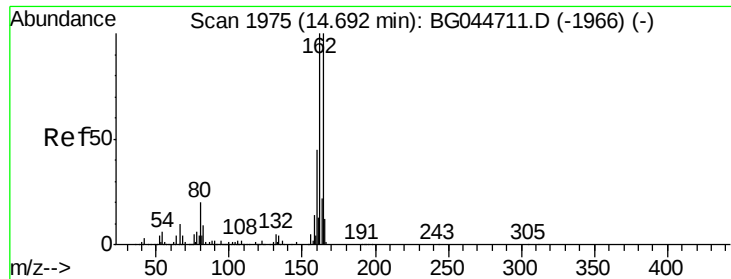
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG044724.D

Acq: 11 Mar 2020 17:52

Instrument :

BNA_G

ClientSampleId :

PT-ACIDS-WPDL

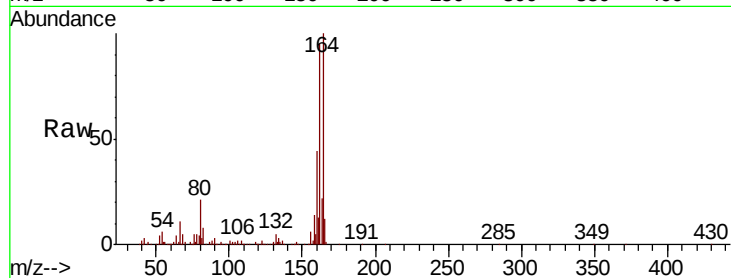
Tot Ion:164 Resp: 246952

Ion Ratio Lower Upper

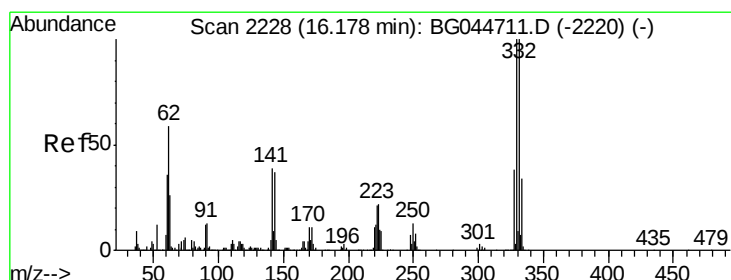
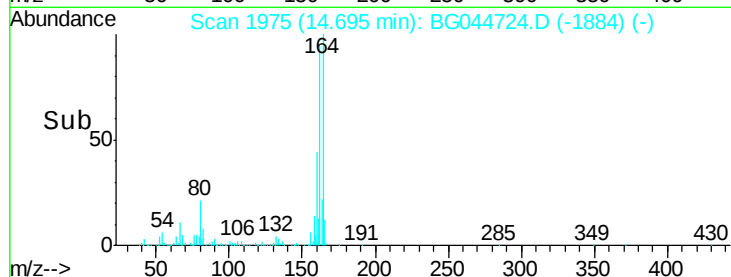
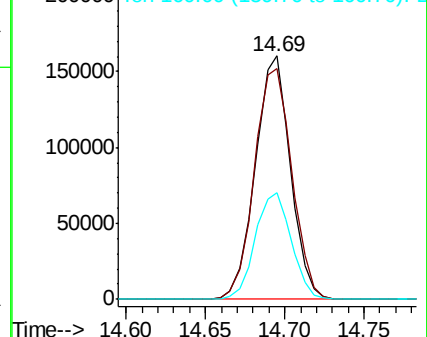
164 100

162 94.8 80.2 120.4

160 44.0 36.2 54.2



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: 28.944 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG044724.D

Acq: 11 Mar 2020 17:52

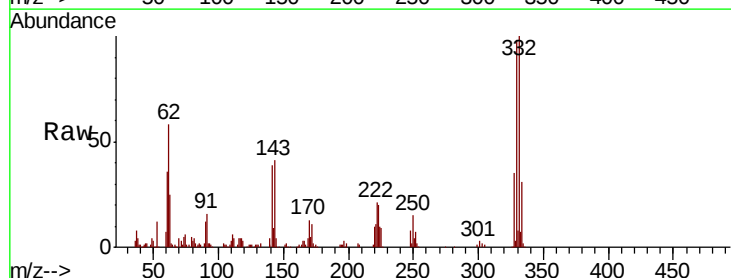
Tgt Ion:330 Resp: 93589

Ion Ratio Lower Upper

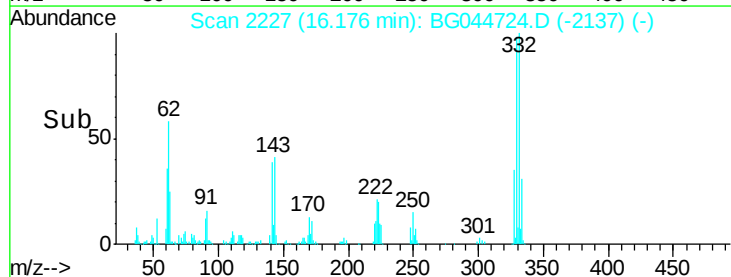
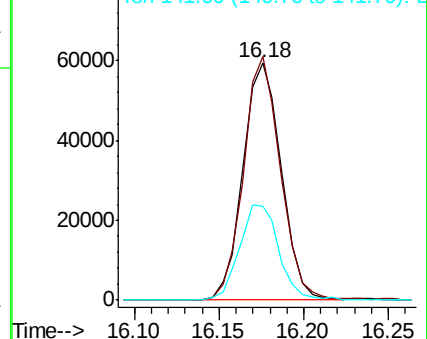
330 100

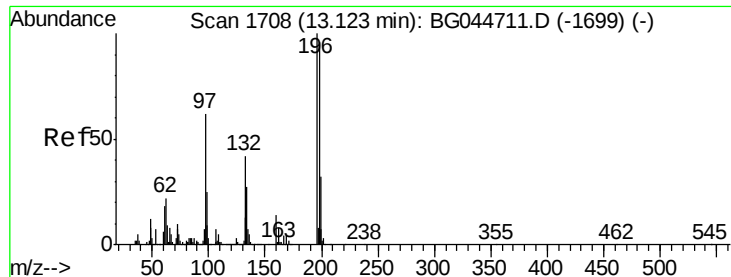
332 99.1 77.5 116.3

141 41.3 31.7 47.5



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

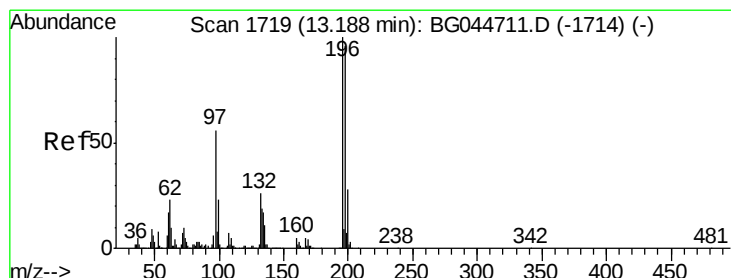
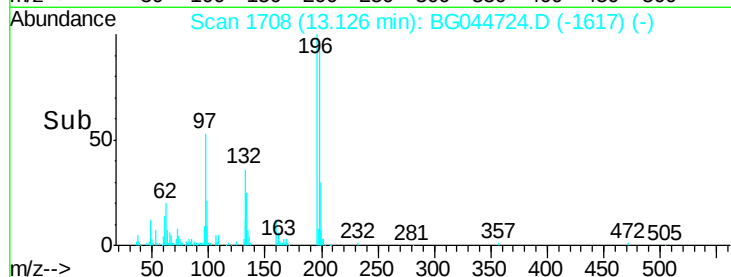
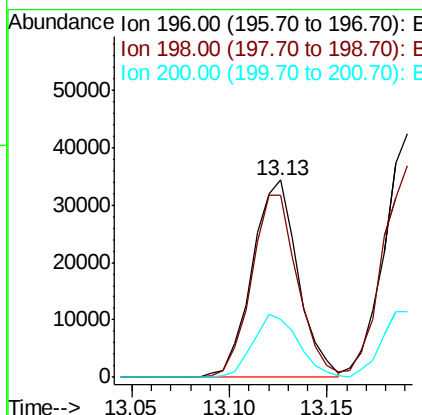
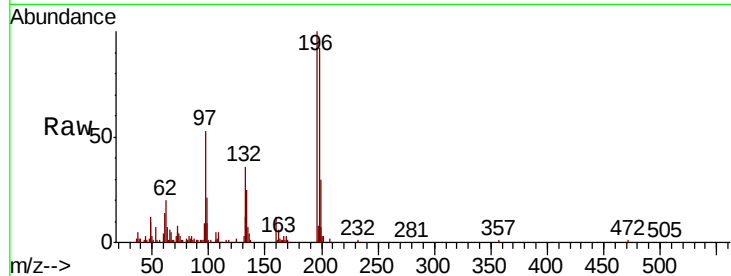




#43
 2,4,6-Trichlorophenol
 Concen: 10.308 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG044724.D
 Acq: 11 Mar 2020 17:52

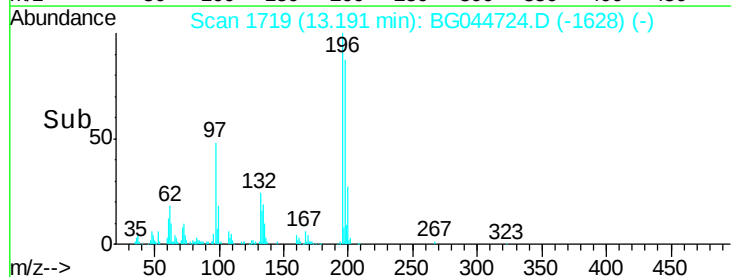
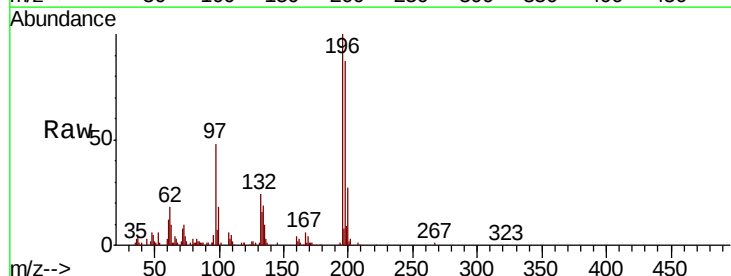
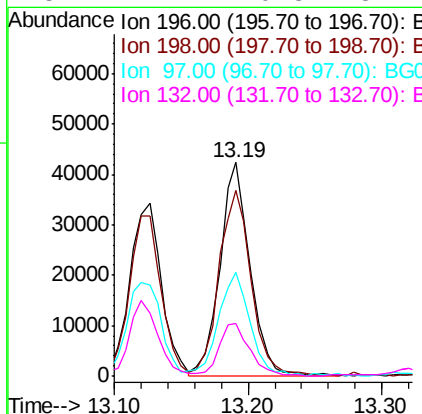
Instrument :
 BNA_G
 ClientSampleId :
 PT-ACIDS-WPDL

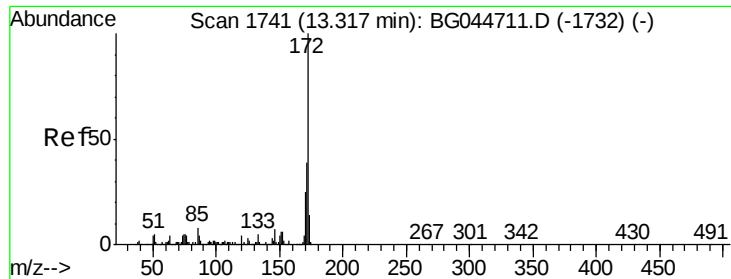
Tot Ion:196 Resp: 55638
 Ion Ratio Lower Upper
 196 100
 198 92.5 76.5 114.7
 200 29.7 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 11.991 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044724.D
 Acq: 11 Mar 2020 17:52

Tgt Ion:196 Resp: 67117
 Ion Ratio Lower Upper
 196 100
 198 87.0 77.3 115.9
 97 48.4 44.9 67.3
 132 24.4 20.8 31.2

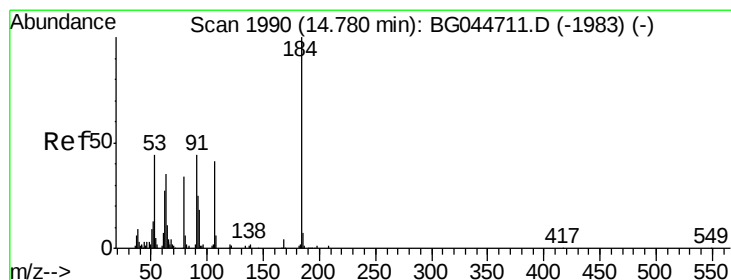
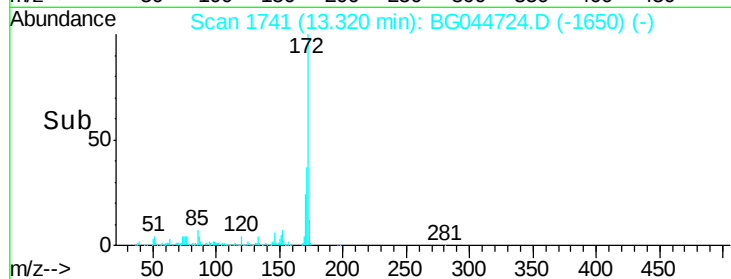
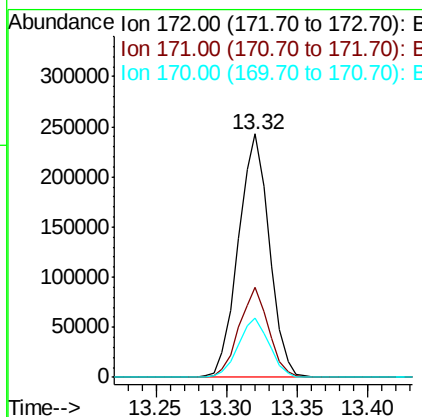
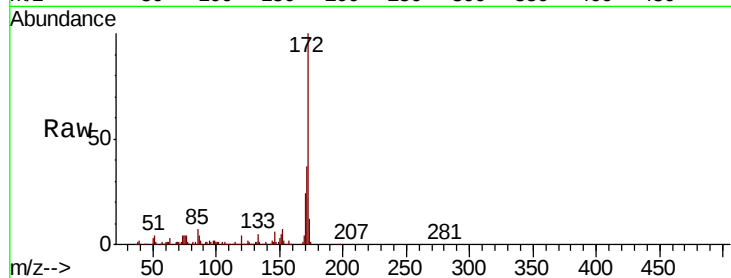




#45
 2-Fluorobiphenyl
 Concen: 21.532 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG044724.D
 Acq: 11 Mar 2020 17:52

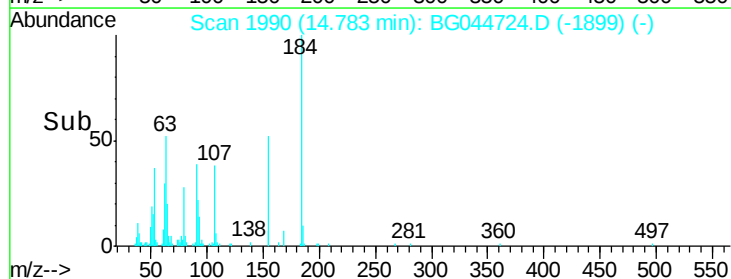
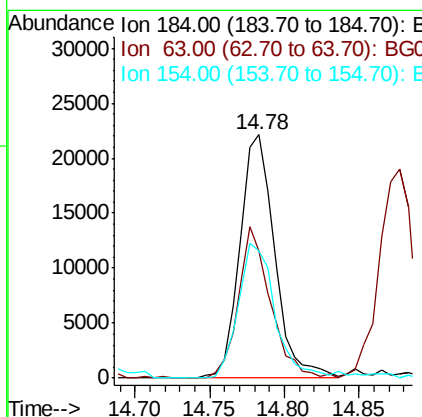
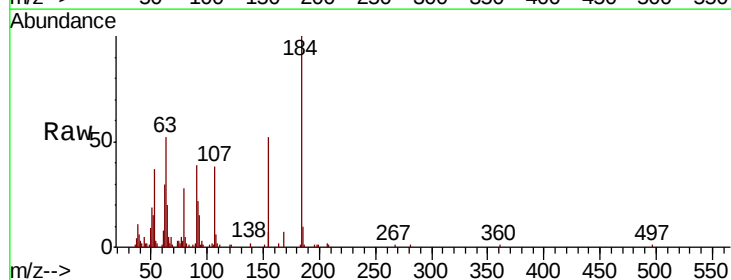
Instrument :
 BNA_G
 ClientSampleId :
 PT-ACIDS-WPDL

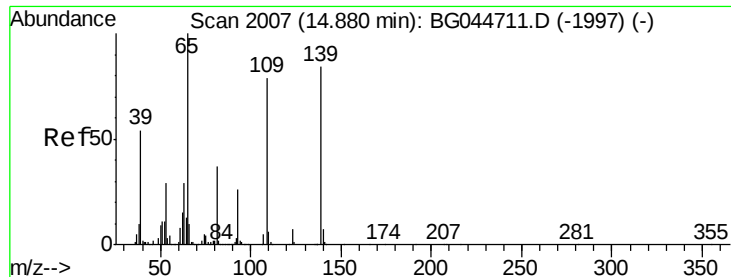
Tot Ion:172 Resp: 371313
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 24.3 20.0 30.0



#54
 2,4-Dinitrophenol
 Concen: 23.760 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BG044724.D
 Acq: 11 Mar 2020 17:52

Tgt Ion:184 Resp: 35696
 Ion Ratio Lower Upper
 184 100
 63 52.4 49.0 73.6
 154 52.5 94.5 141.7#





#56

4-Nitrophenol

Concen: 25.074 ng

RT: 14.88 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG044724.D

Acq: 11 Mar 2020 17:52

Instrument :

BNA_G

ClientSampleId :

PT-ACIDS-WPDL

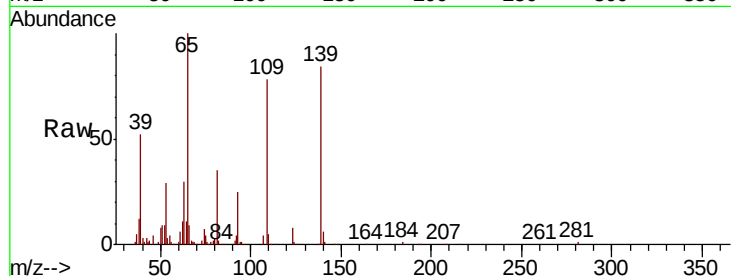
Tot Ion:139 Resp: 87223

Ion Ratio Lower Upper

139 100

109 93.0 74.1 114.1

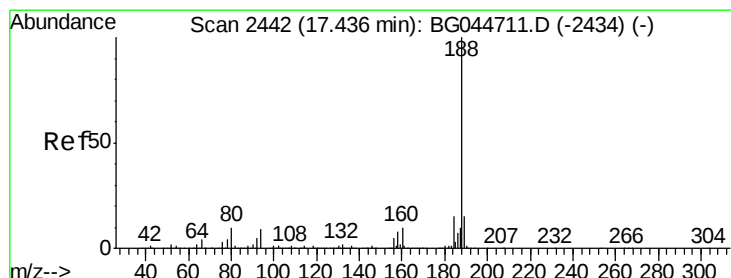
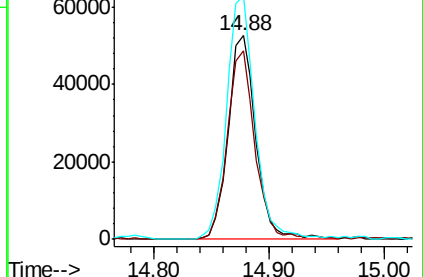
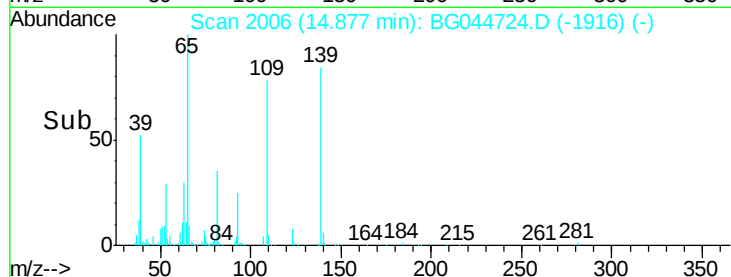
65 119.7 98.6 138.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BG044724.D

Acq: 11 Mar 2020 17:52

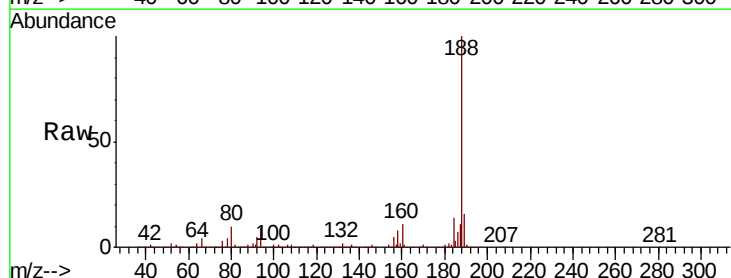
Tgt Ion:188 Resp: 562958

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

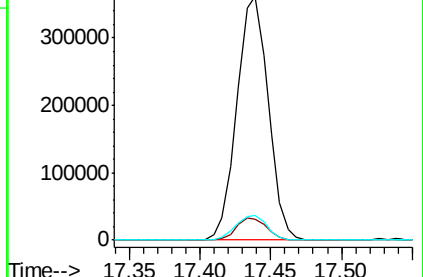
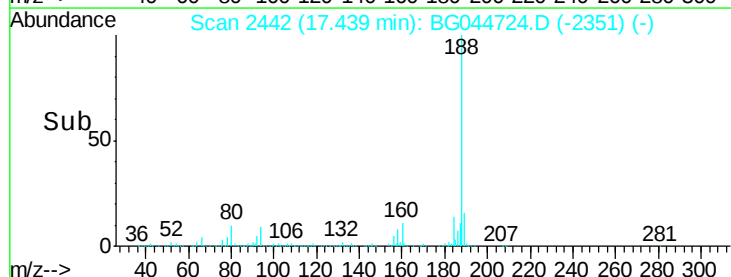
80 10.4 8.4 12.6

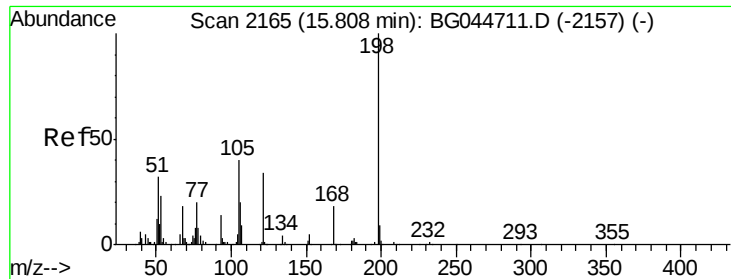


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 30.163 ng

RT: 15.81 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG044724.D

Acq: 11 Mar 2020 17:52

Instrument :

BNA_G

ClientSampleId :

PT-ACIDS-WPDL

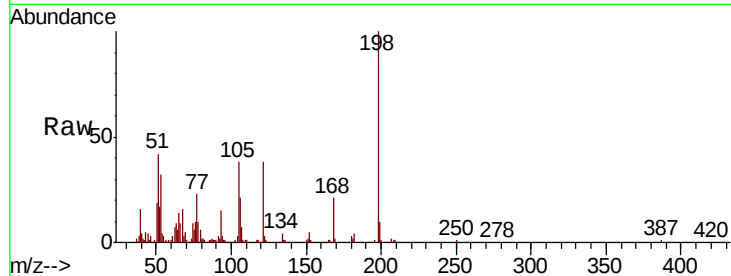
Tot Ion:198 Resp: 70839

Ion	Ratio	Lower	Upper
198	100		
51	42.4	20.1	60.1
105	38.0	21.3	61.3

198 100

51 42.4 20.1 60.1

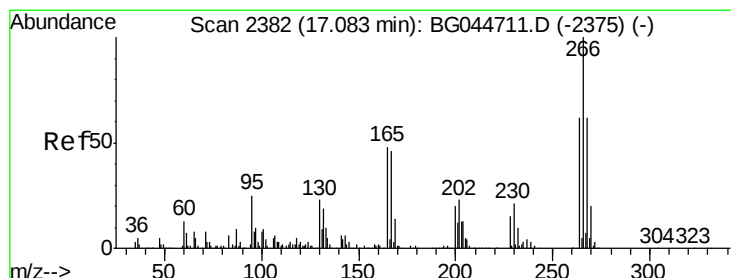
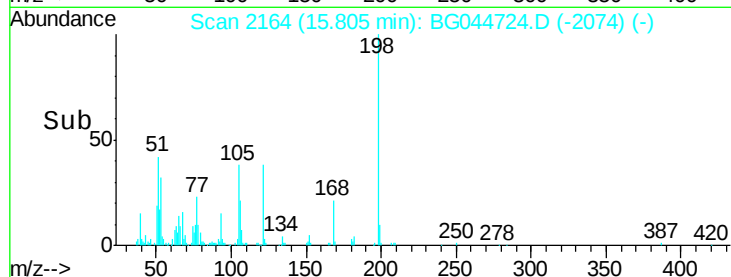
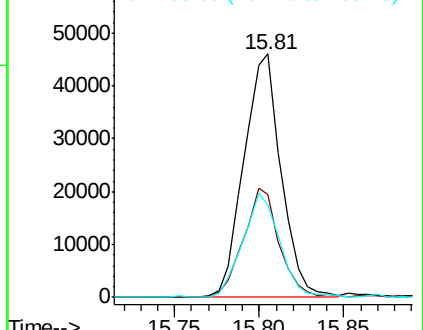
105 38.0 21.3 61.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#70

Pentachlorophenol

Concen: 27.477 ng

RT: 17.09 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG044724.D

Acq: 11 Mar 2020 17:52

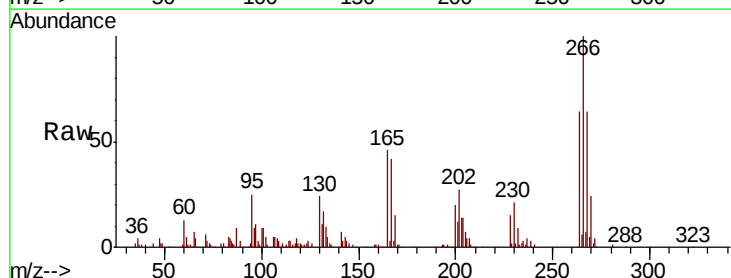
Tgt Ion:266 Resp: 115432

Ion	Ratio	Lower	Upper
266	100		
268	64.0	49.9	74.9
264	64.0	49.9	74.9

266 100

268 64.0 49.9 74.9

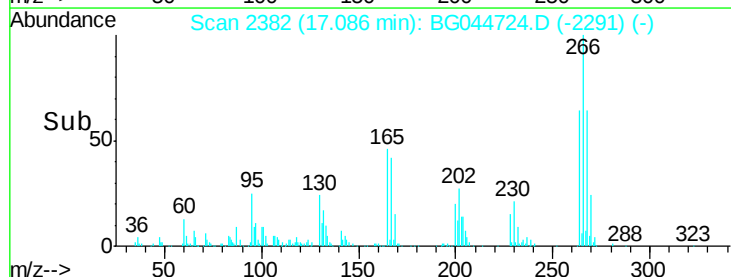
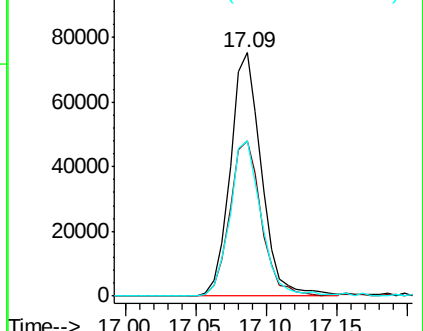
264 64.0 49.9 74.9

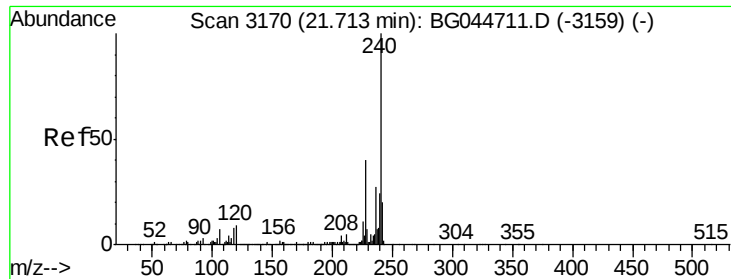


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

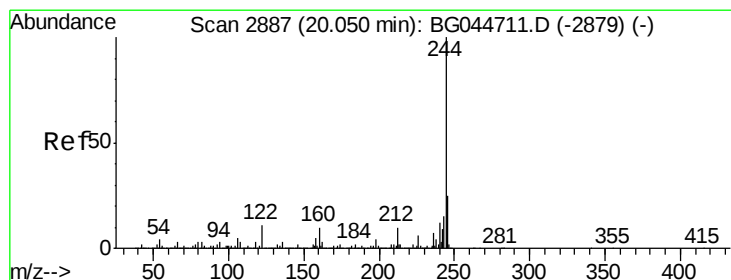
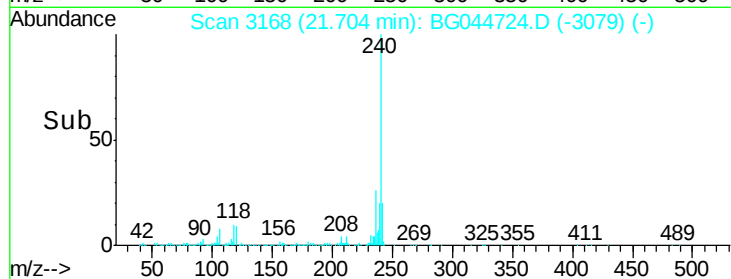
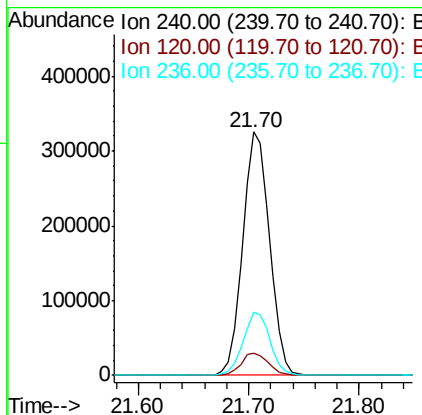
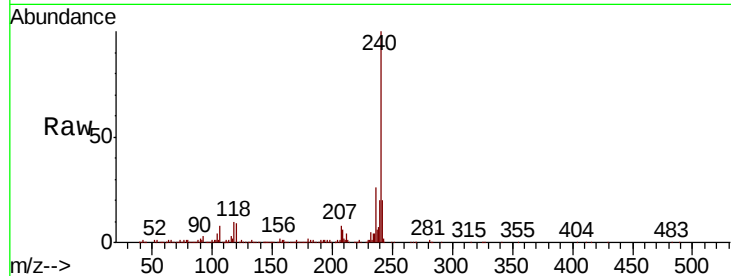




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG044724.D
Acq: 11 Mar 2020 17:52

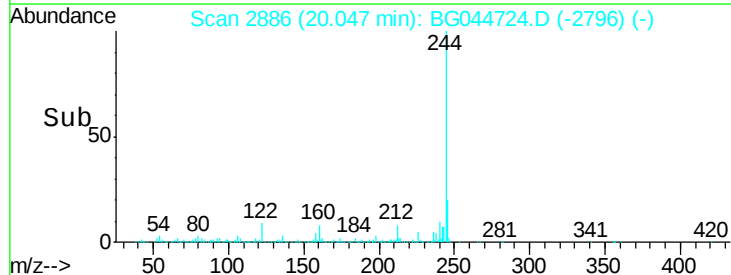
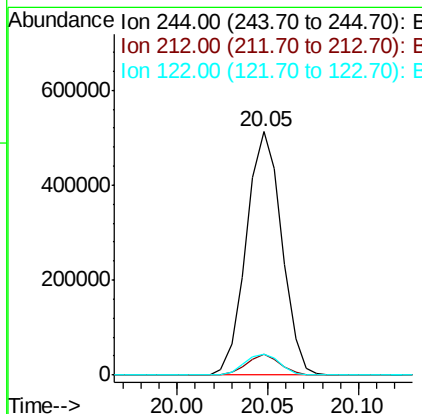
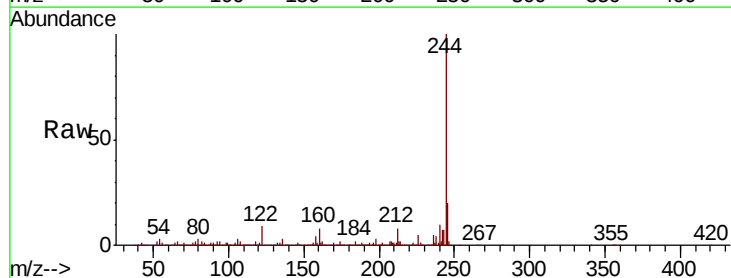
Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

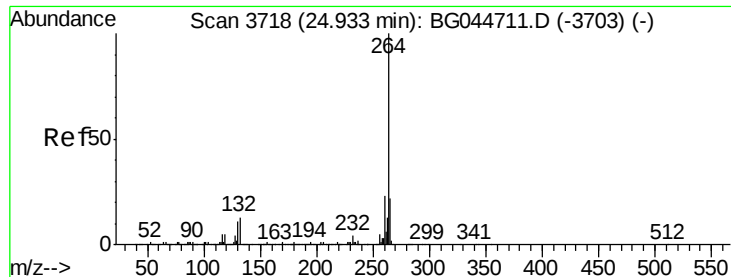
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.9	10.3
236	26.0	21.9	32.9



#79
Terphenyl-d14
Concen: 23.523 ng
RT: 20.05 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG044724.D
Acq: 11 Mar 2020 17:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	8.4	12.6
122	8.8	8.7	13.1





#87
Pervlone-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BG044724.D
Acq: 11 Mar 2020 17:52

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.4	27.6
265	22.5	17.4	26.2

