

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
 Data File : BG044722.D
 Acq On : 11 Mar 2020 16:09
 Operator : CG/JU
 Sample : L1798-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Mar 12 02:31:39 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	93347	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	383504	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	269548	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	586407	20.00	ng	0.00
76) Chrysene-d12	21.70	240	575127	20.00	ng	0.00
87) Perylene-d12	24.92	264	634498	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	850256	141.79	ng	0.00
7) Phenol-d6	7.21	99	1226415	140.77	ng	0.00
23) Nitrobenzene-d5	9.21	82	799245	91.45	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	471400	133.57	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1612061	85.64	ng	0.00
79) Terphenyl-d14	20.05	244	2664619	86.66	ng	0.00

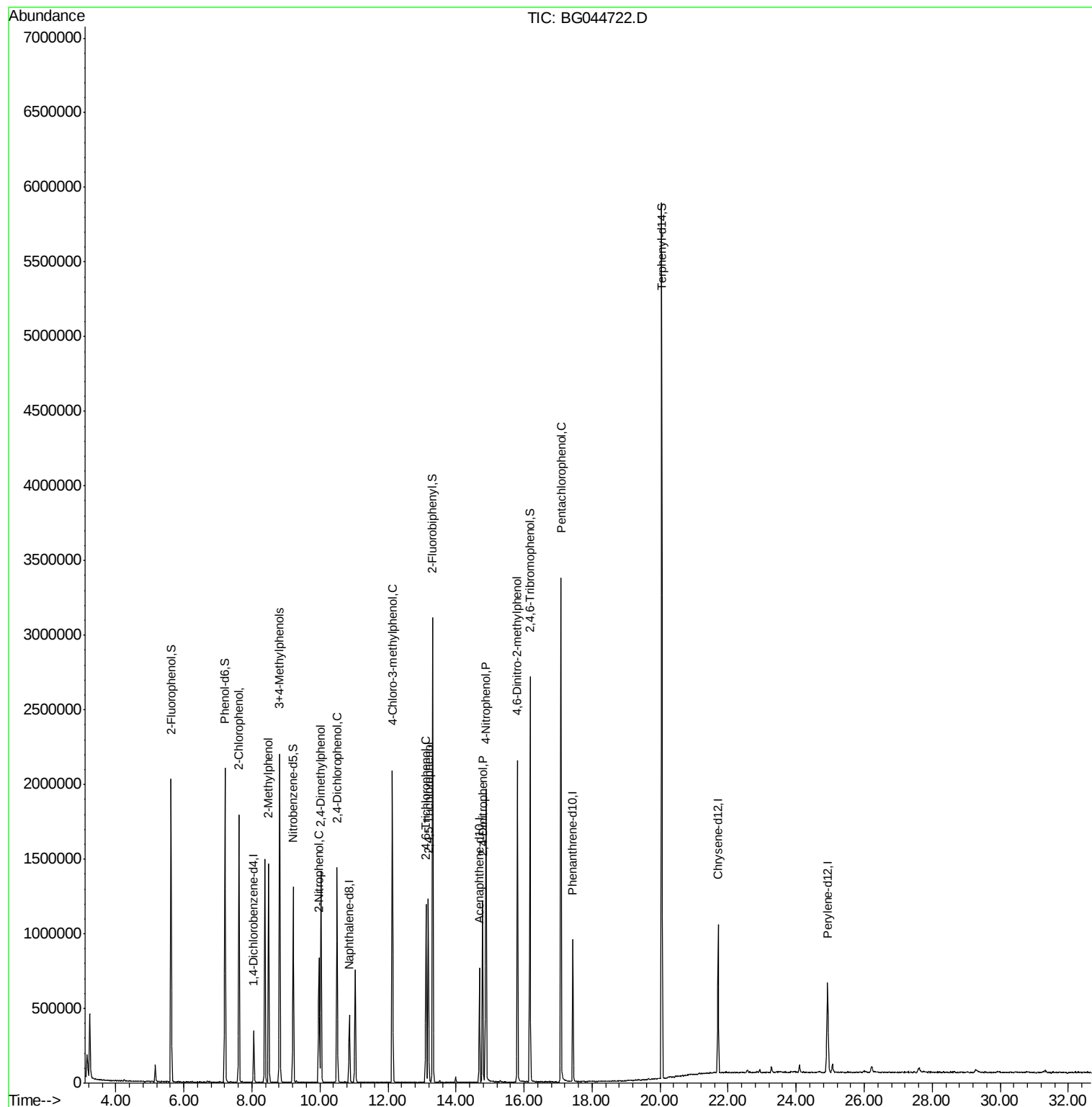
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) 2-Chlorophenol	7.62	128	778683	130.083	ng	99
17) 2-Methylphenol	8.49	107	448494	76.760	ng	92
20) 3+4-Methylphenols	8.81	107	1026940	127.502	ng	92
26) 2-Nitrophenol	9.97	139	243314	73.921	ng	98
27) 2,4-Dimethylphenol	10.03	122	399621	71.943	ng	96
29) 2,4-Dichlorophenol	10.51	162	498935	76.902	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	774584	100.103	ng	98
43) 2,4,6-Trichlorophenol	13.12	196	290945	49.386	ng	95
44) 2,4,5-Trichlorophenol	13.18	196	331313	54.228	ng	99
54) 2,4-Dinitrophenol	14.78	184	259873	111.291	ng	# 65
56) 4-Nitrophenol	14.88	139	463812	122.154	ng	93
65) 4,6-Dinitro-2-methylphenol	15.80	198	471485	151.077	ng	91
70) Pentachlorophenol	17.09	266	612290	139.920	ng	98

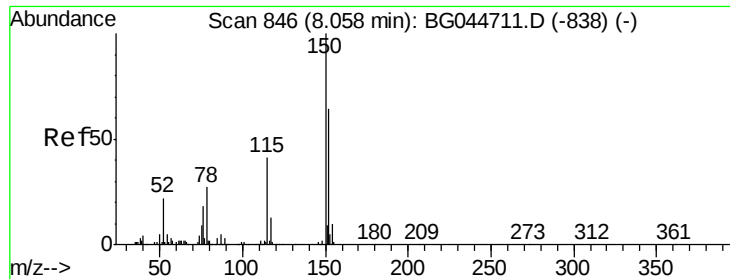
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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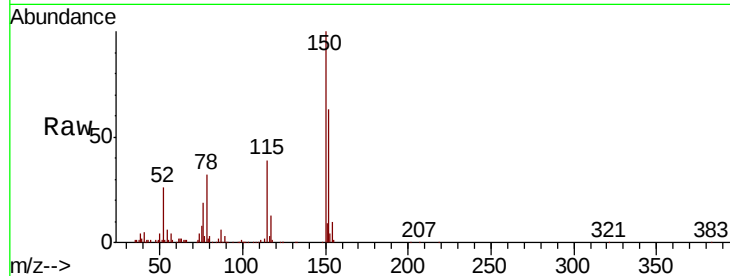


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044722.D
Acq: 11 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	125.3	187.9
115	62.6	51.7	77.5

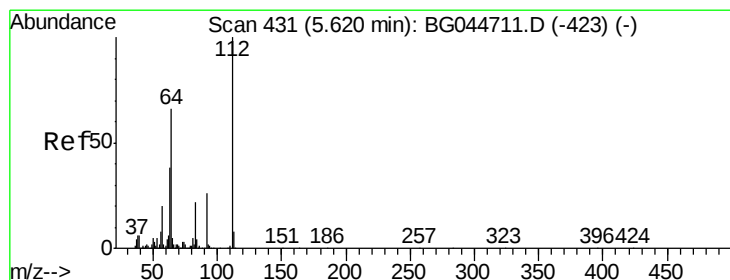
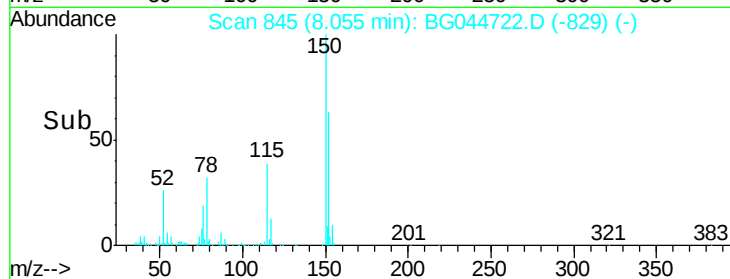
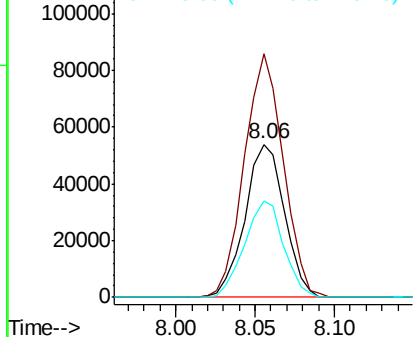


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

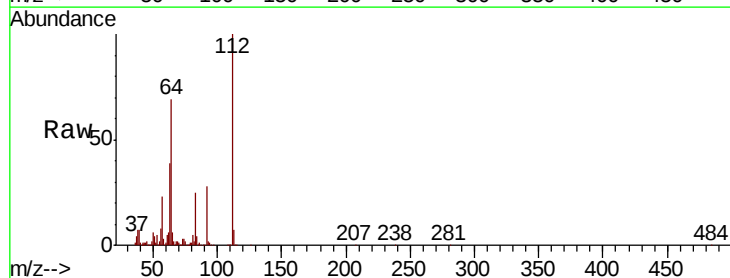
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 141.792 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044722.D
Acq: 11 Mar 2020 16:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	52.6	78.8
63	39.0	30.2	45.4

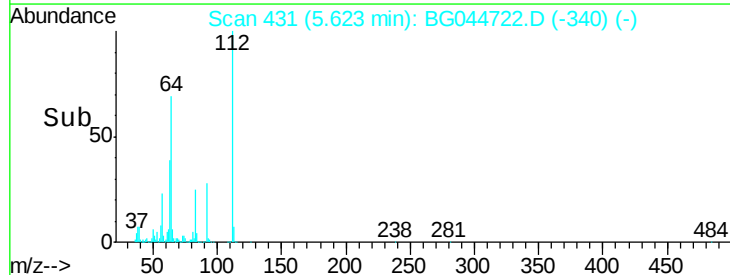
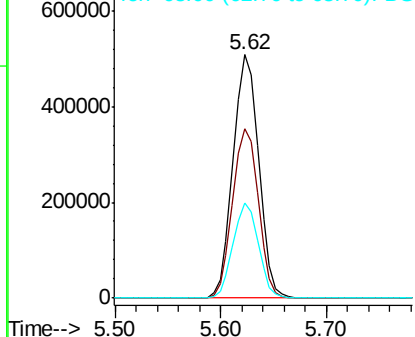


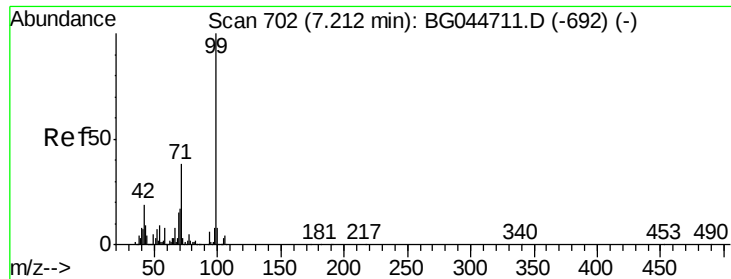
Abundance

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: 140.765 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044722.D

Acq: 11 Mar 2020 16:09

Instrument :

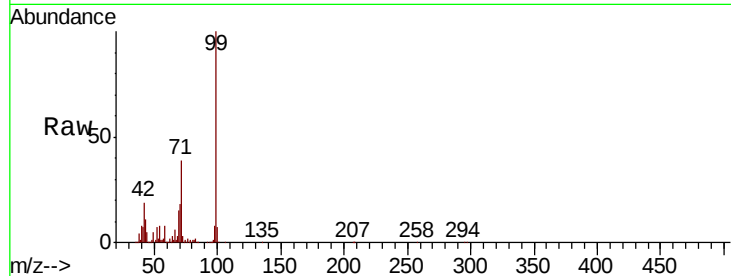
BNA_G

ClientSampleId :

PT-ACIDS-WP

Tot Ion: 99 Resp: 1226415

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.4	23.0
71	39.1	30.2	45.4

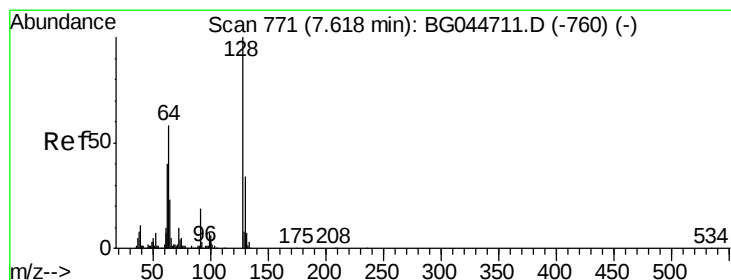
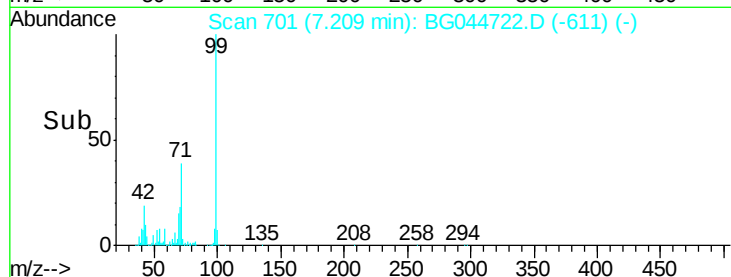
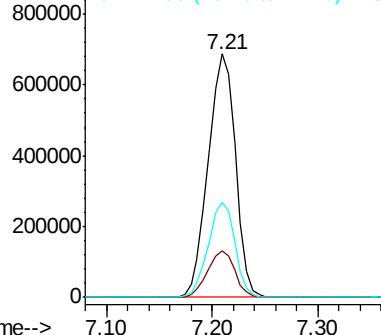


Abundance

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: 130.083 ng

RT: 7.62 min Scan# 771

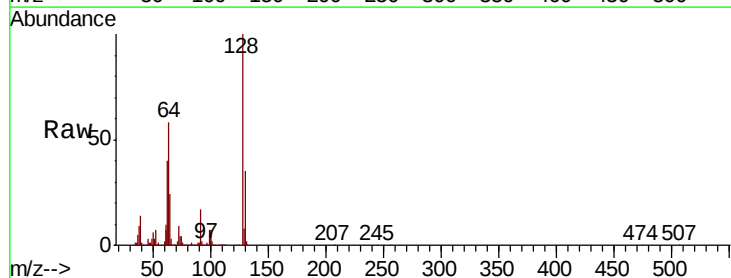
Delta R.T. 0.00 min

Lab File: BG044722.D

Acq: 11 Mar 2020 16:09

Tgt Ion:128 Resp: 778683

Ion	Ratio	Lower	Upper
128	100		
130	34.7	13.6	53.6
64	57.9	38.6	78.6

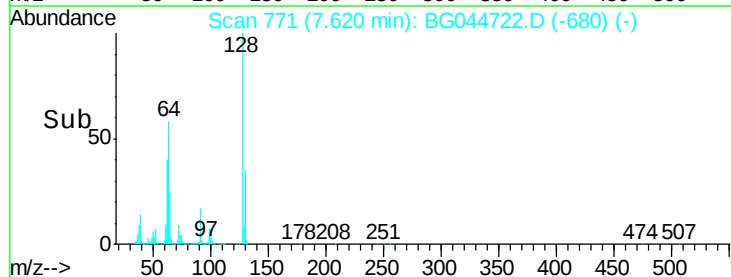
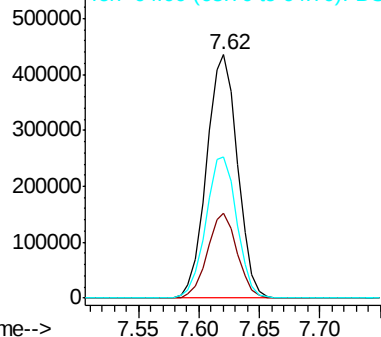


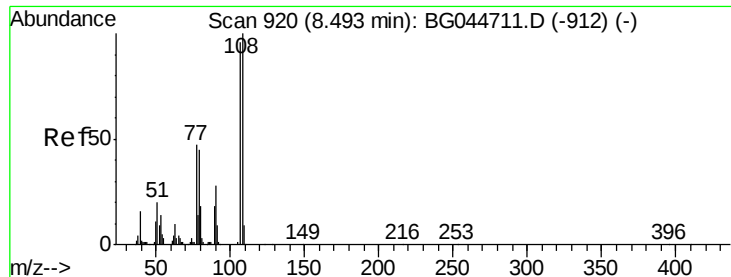
Abundance

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

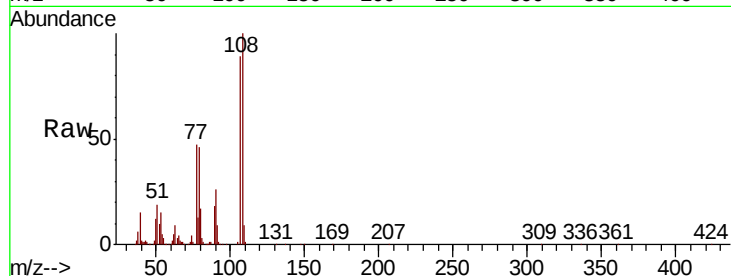




#17
2-Methylphenol
Concen: 76.760 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG044722.D
Acq: 11 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tot Ion:	107	Resp:	448494
Ion	Ratio	Lower	Upper
107	100		
108	112.8	83.2	124.8
77	53.5	39.0	58.6
79	52.3	37.6	56.4



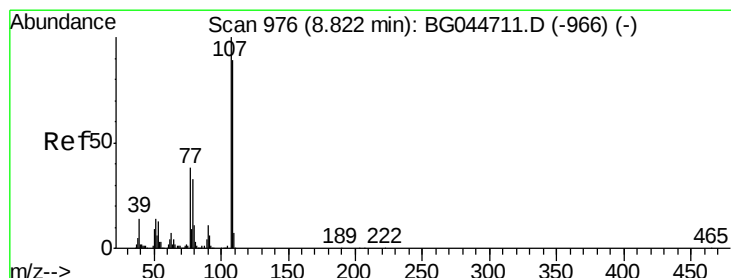
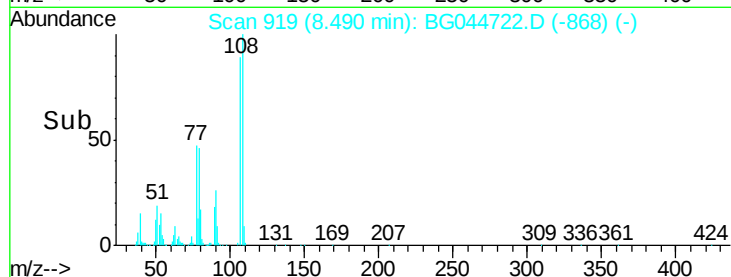
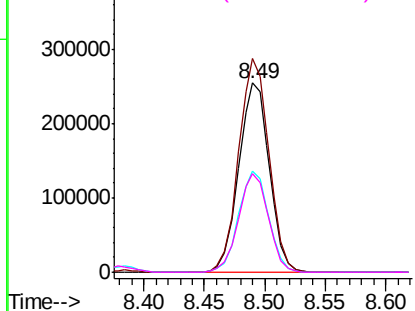
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

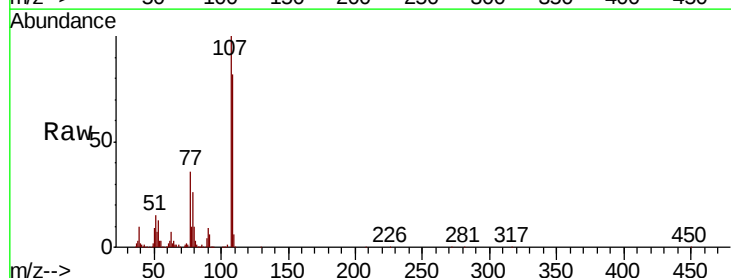
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#20
3+4-Methylphenols
Concen: 127.502 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG044722.D
Acq: 11 Mar 2020 16:09

Tgt Ion:	107	Resp:	1026940
Ion	Ratio	Lower	Upper
107	100		
108	81.8	69.1	109.1
77	35.7	17.7	57.7
79	26.3	13.0	53.0



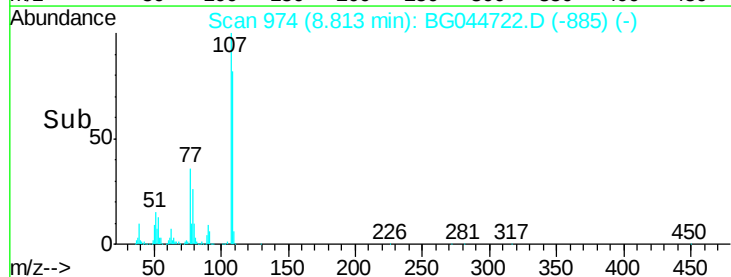
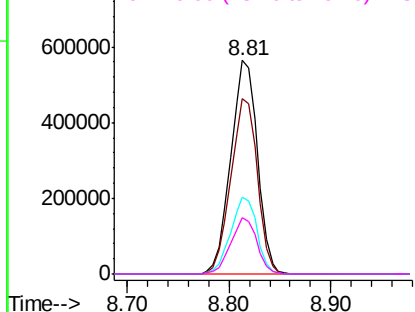
Abundance

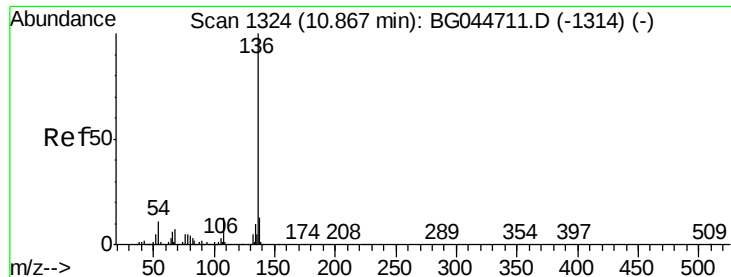
Ion 107.00 (106.70 to 107.70): E

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

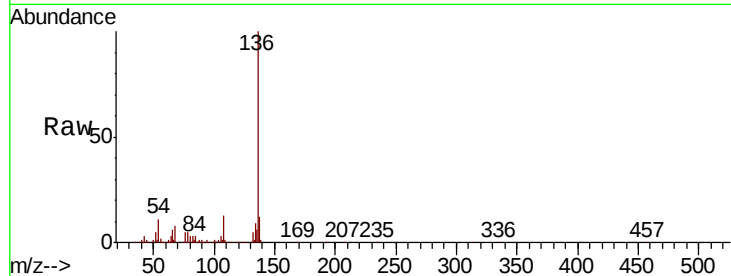




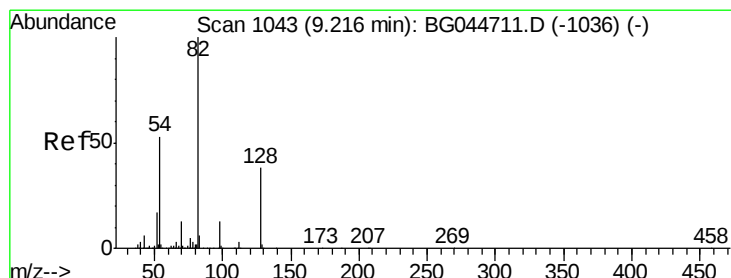
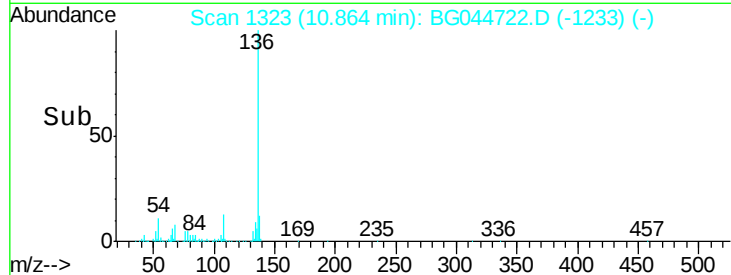
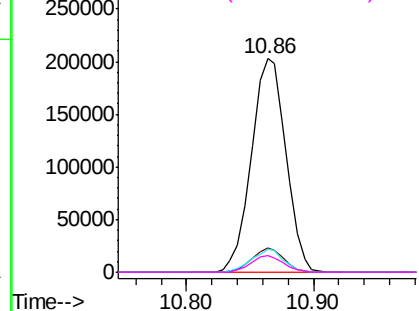
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044722.D
Acq: 11 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tot Ion:136	Resp:	383504	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	10.7	16.1	
54 10.6	9.0	13.4	
68 7.5	5.9	8.9	

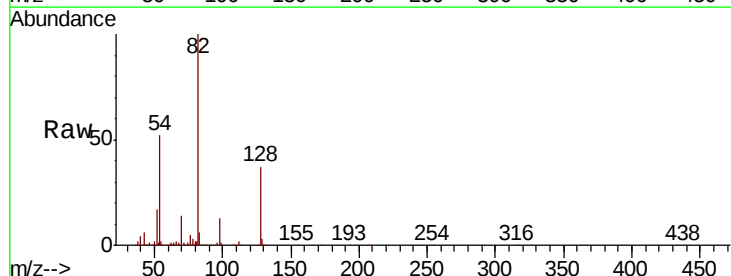


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

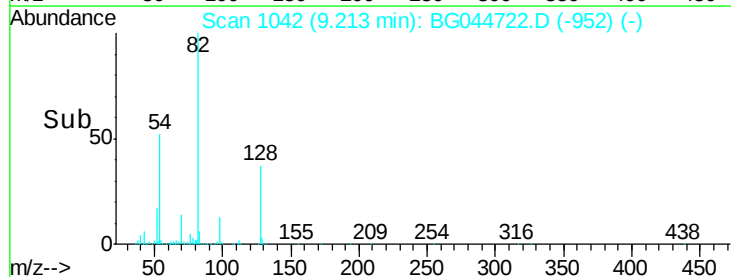
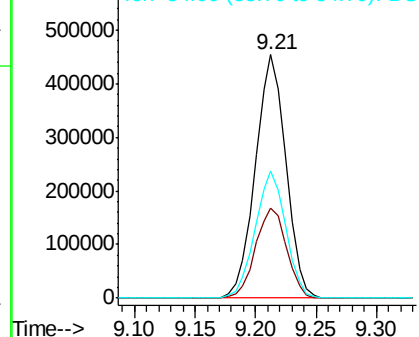


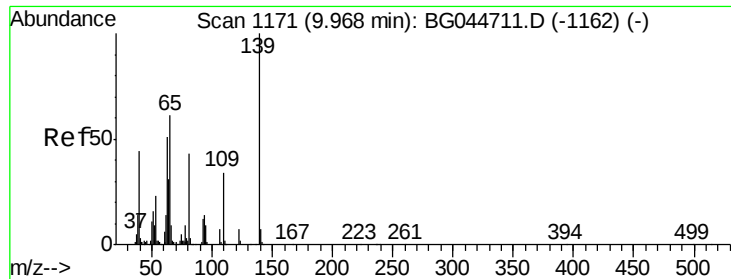
#23
Nitrobenzene-d5
Concen: 91.451 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG044722.D
Acq: 11 Mar 2020 16:09

Tgt	Ion: 82	Resp:	799245
Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.2	45.2
54	52.0	41.8	62.8



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

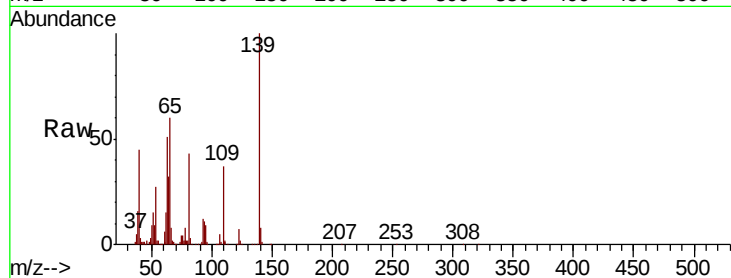




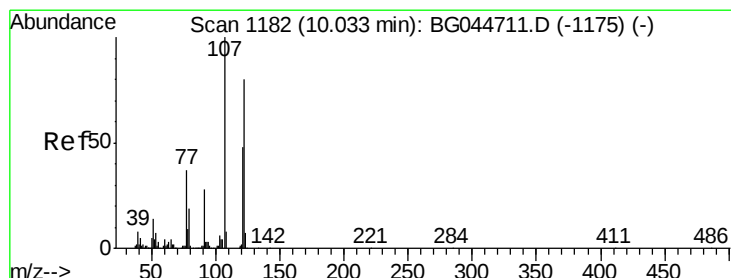
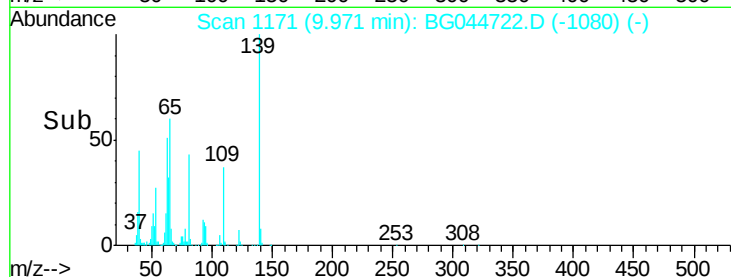
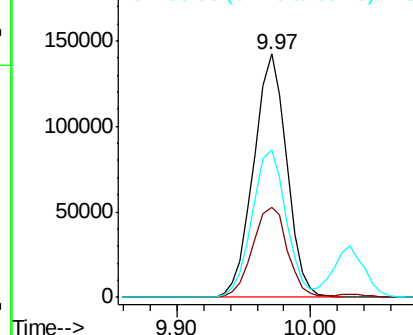
#26
2-Nitrophenol
Concen: 73.921 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG044722.D
Acq: 11 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tot Ion	Ratio	Lower	Upper
139	100		
109	37.1	27.0	40.4
65	60.4	48.6	73.0

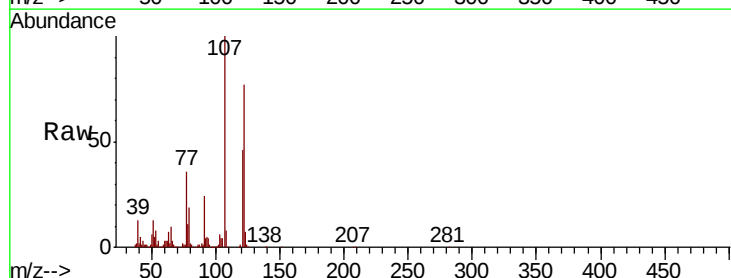


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

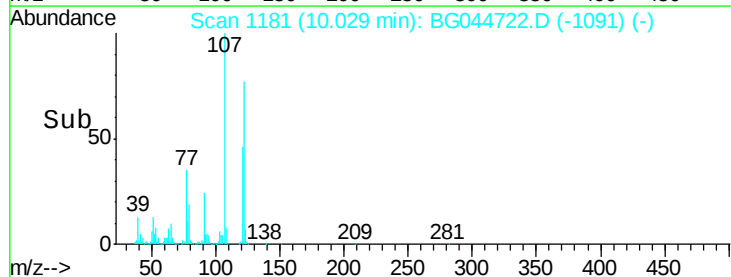
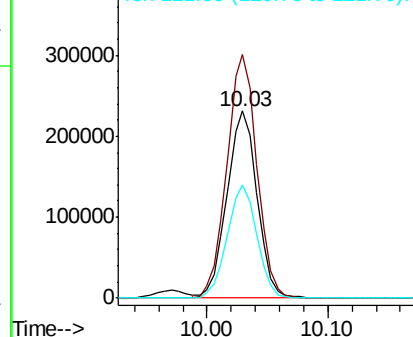


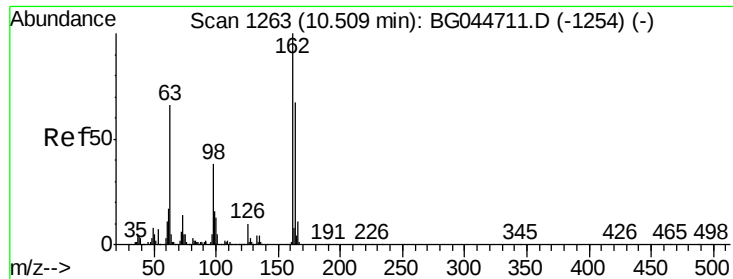
#27
2,4-Dimethylphenol
Concen: 71.943 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG044722.D
Acq: 11 Mar 2020 16:09

Tgt Ion	Ratio	Lower	Upper
122	100		
107	130.2	99.0	148.6
121	60.4	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

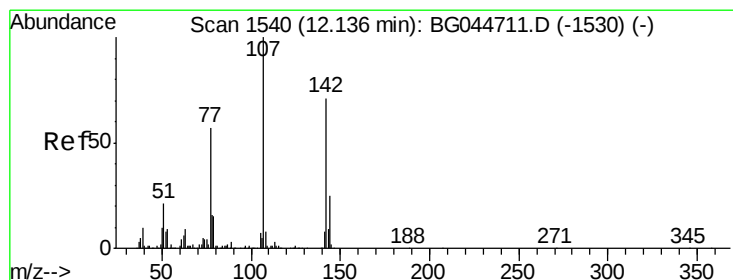
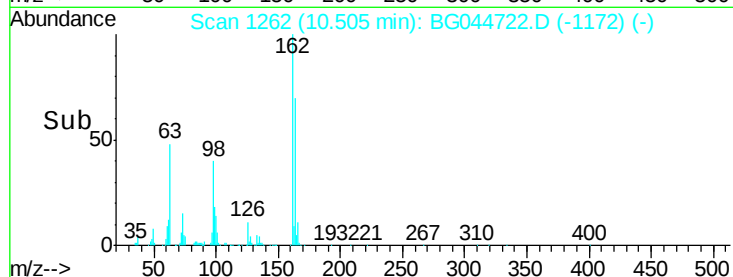
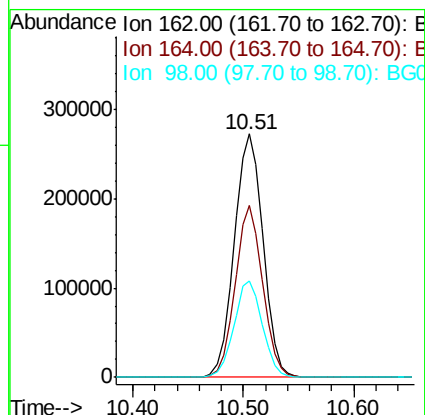
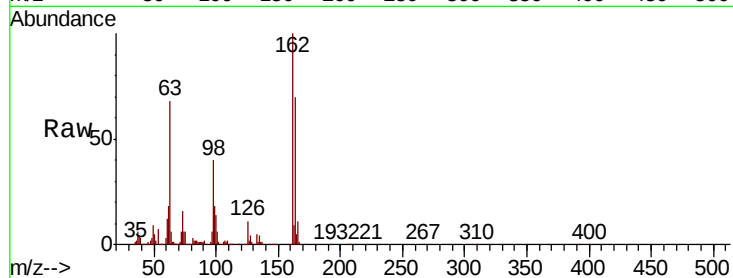




#29
2,4-Dichlorophenol
Concen: 76.902 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG044722.D
Acq: 11 Mar 2020 16:09

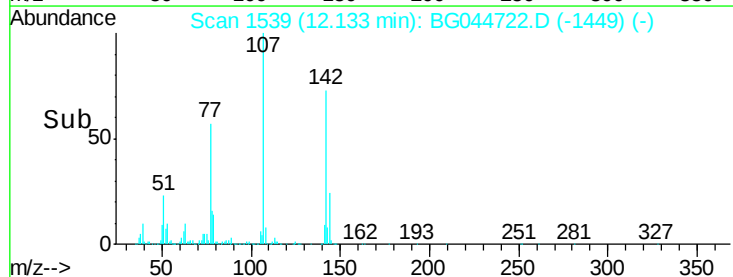
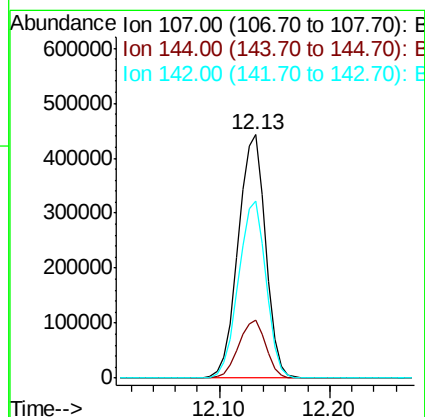
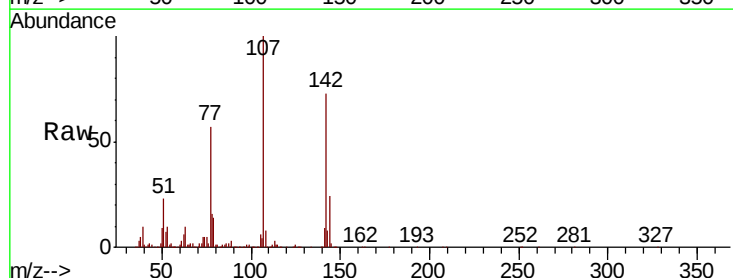
Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

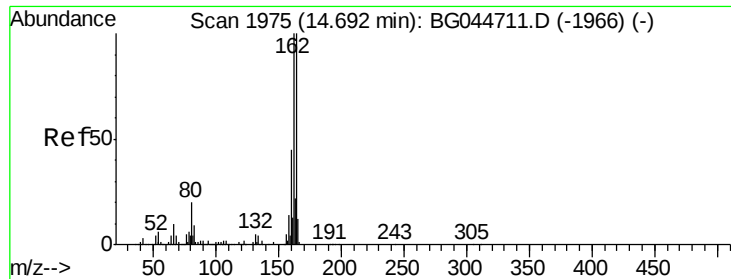
Tot Ion	Ratio	Lower	Upper
162	100		
164	70.4	46.5	86.5
98	39.6	18.1	58.1



#36
4-Chloro-3-methylphenol
Concen: 100.103 ng
RT: 12.13 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BG044722.D
Acq: 11 Mar 2020 16:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	19.6	29.4
142	72.5	56.5	84.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG044722.D

Acq: 11 Mar 2020 16:09

Instrument :

BNA_G

ClientSampleId :

PT-ACIDS-WP

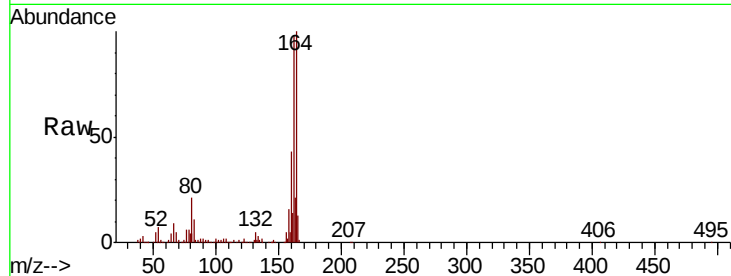
Tot Ion:164 Resp: 269548

Ion Ratio Lower Upper

164 100

162 98.4 80.2 120.4

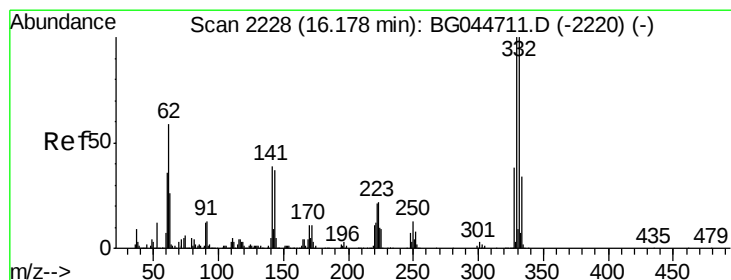
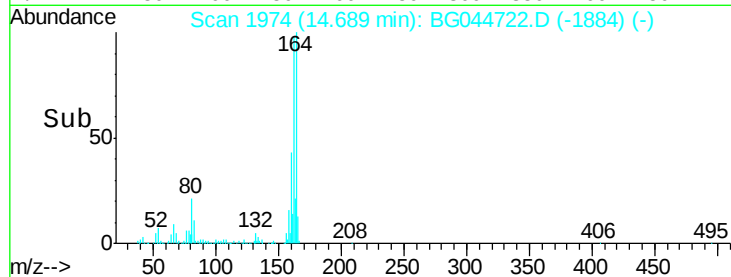
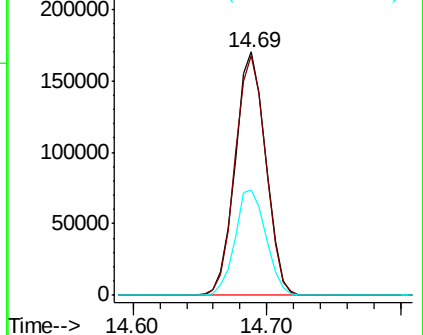
160 43.5 36.2 54.2



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: 133.567 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG044722.D

Acq: 11 Mar 2020 16:09

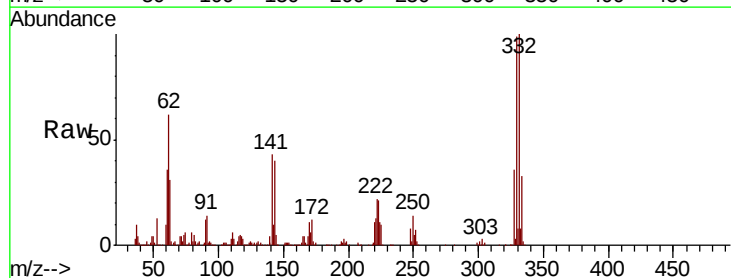
Tgt Ion:330 Resp: 471400

Ion Ratio Lower Upper

330 100

332 98.2 77.5 116.3

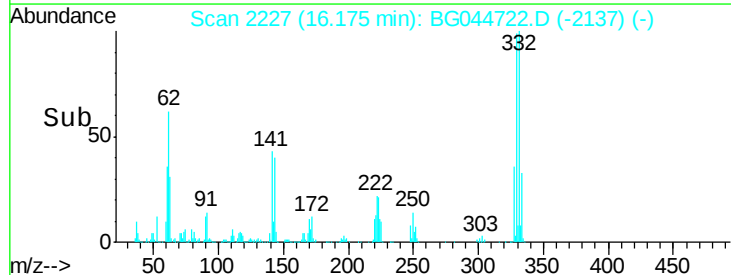
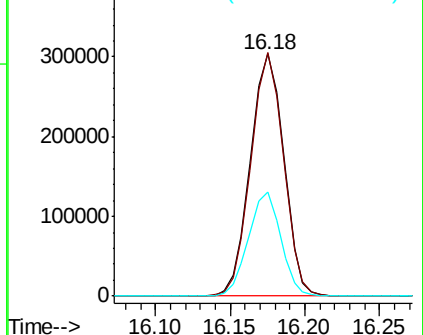
141 41.7 31.7 47.5

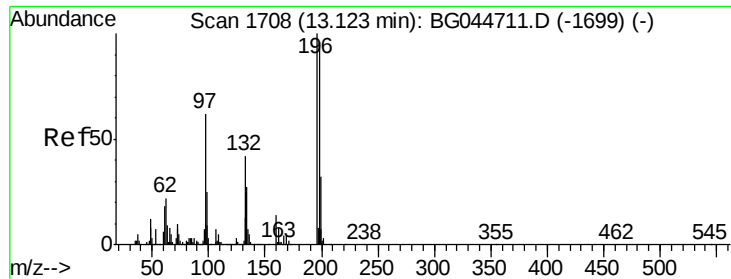


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

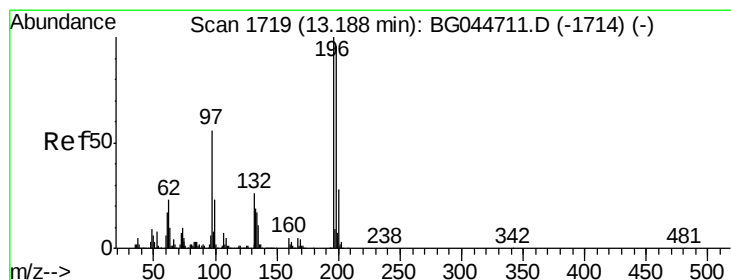
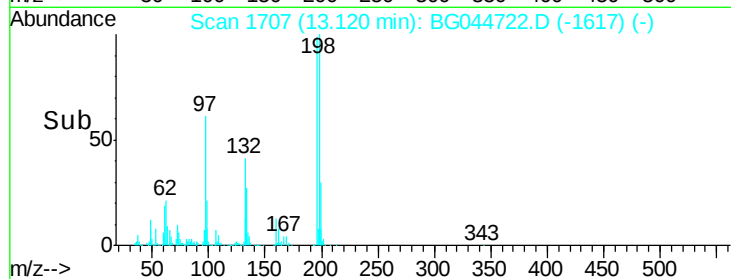
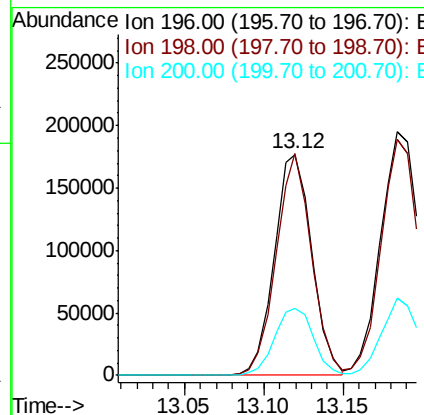
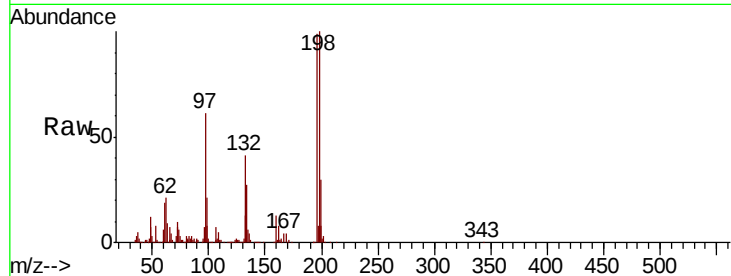




#43
 2,4,6-Trichlorophenol
 Concen: 49.386 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044722.D
 Acq: 11 Mar 2020 16:09

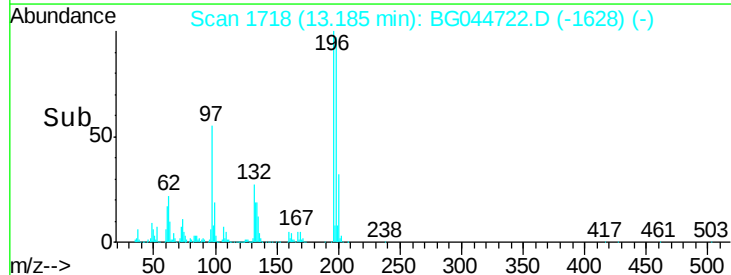
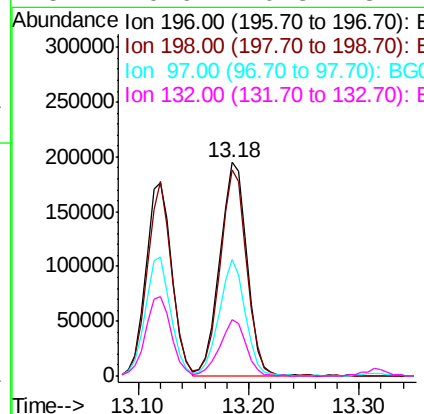
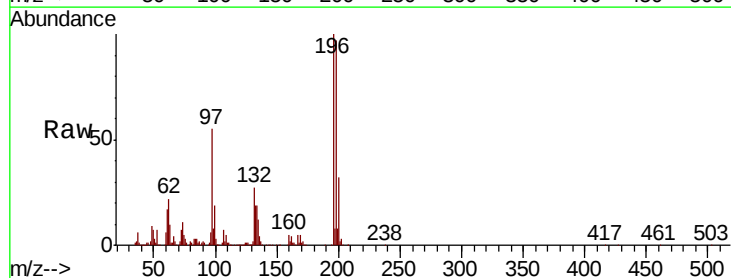
Instrument :
 BNA_G
 ClientSampleId :
 PT-ACIDS-WP

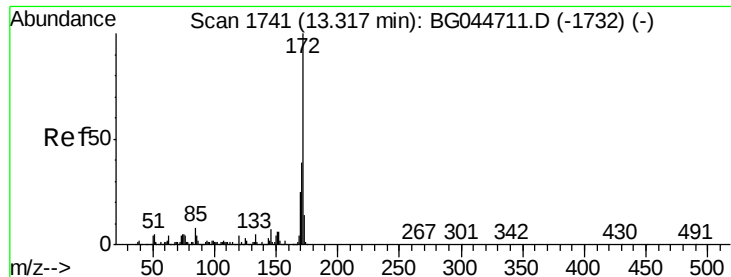
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.6	76.5	114.7
200	30.6	25.9	38.9



#44
 2,4,5-Trichlorophenol
 Concen: 54.228 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG044722.D
 Acq: 11 Mar 2020 16:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.3	115.9
97	54.7	44.9	67.3
132	26.6	20.8	31.2

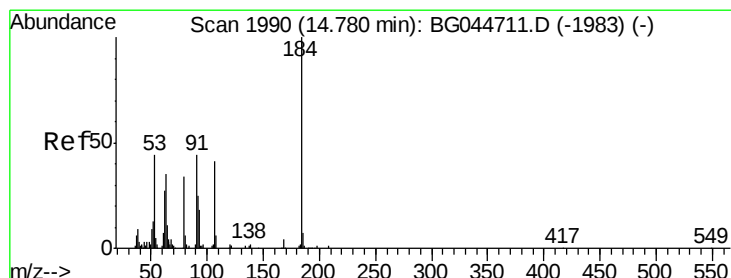
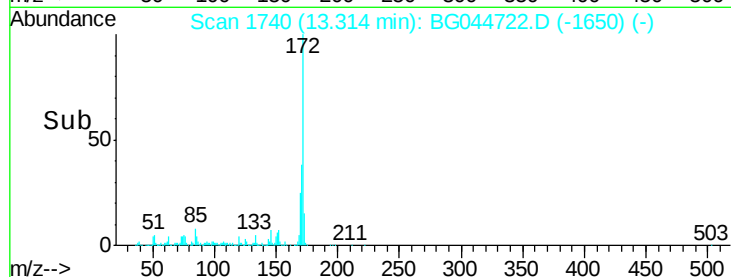
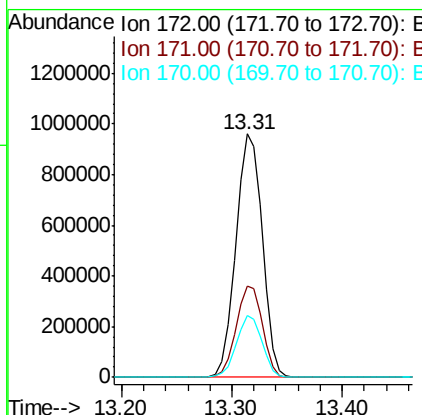
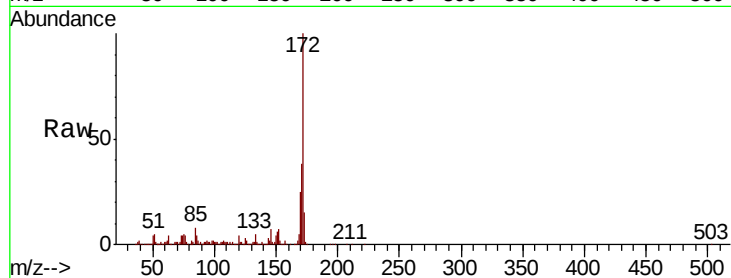




#45
2-Fluorobiphenyl
Concen: 85.644 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG044722.D
Acq: 11 Mar 2020 16:09

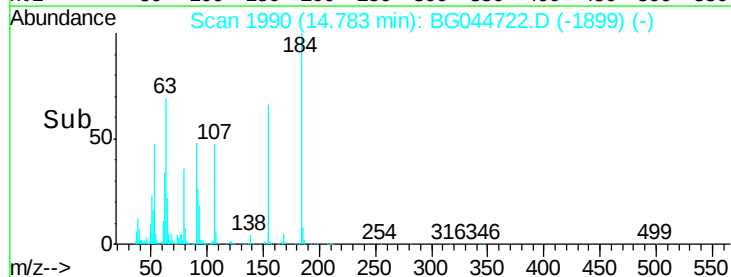
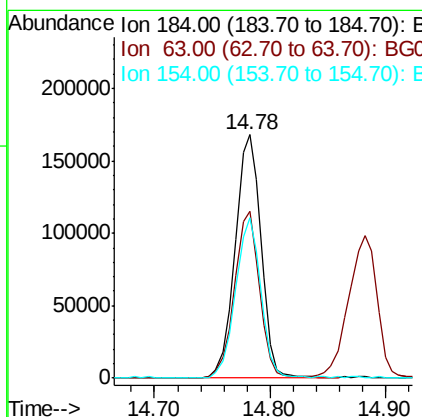
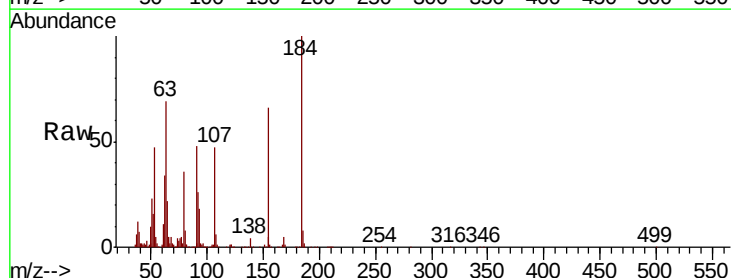
Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

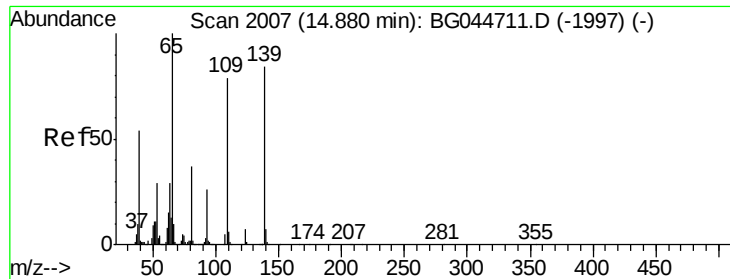
Tot Ion:172 Resp: 1612061
Ion Ratio Lower Upper
172 100
171 37.6 30.8 46.2
170 25.3 20.0 30.0



#54
2,4-Dinitrophenol
Concen: 111.291 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG044722.D
Acq: 11 Mar 2020 16:09

Tgt Ion:184 Resp: 259873
Ion Ratio Lower Upper
184 100
63 68.8 49.0 73.6
154 66.0 94.5 141.7#

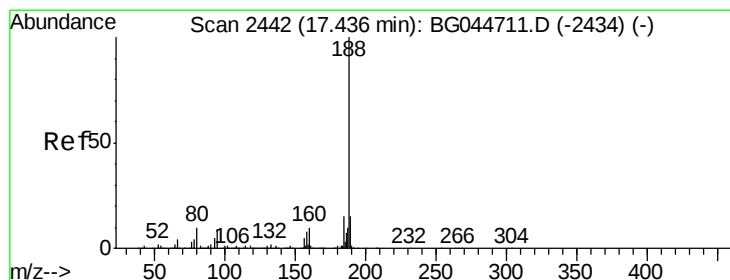
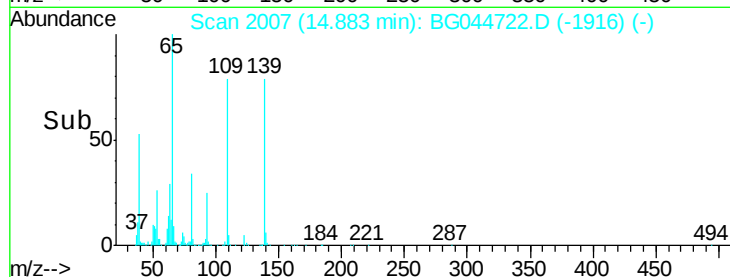
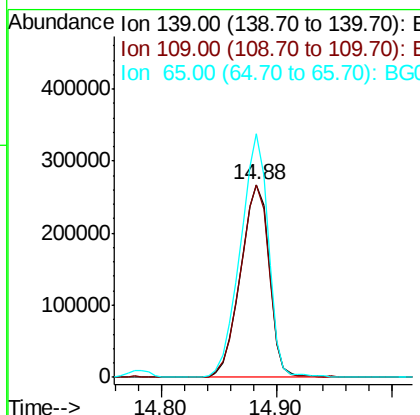
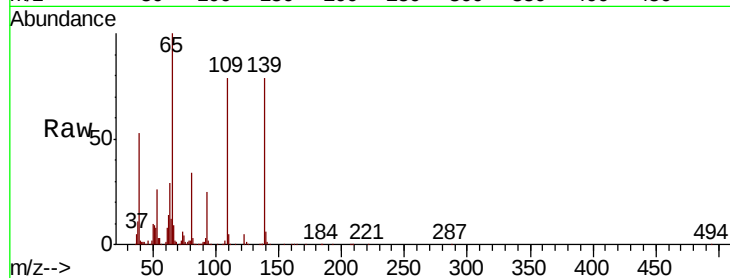




#56
4-Nitrophenol
Concen: 122.154 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG044722.D
Acq: 11 Mar 2020 16:09

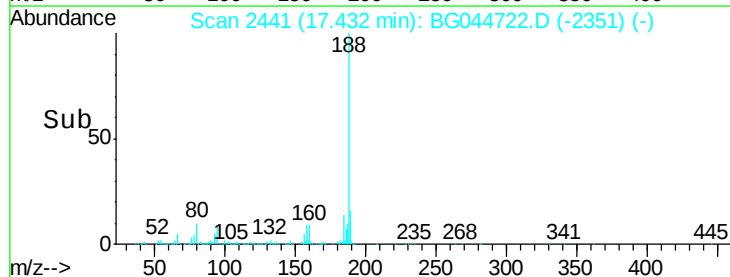
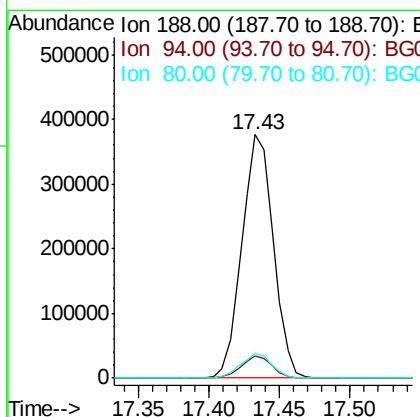
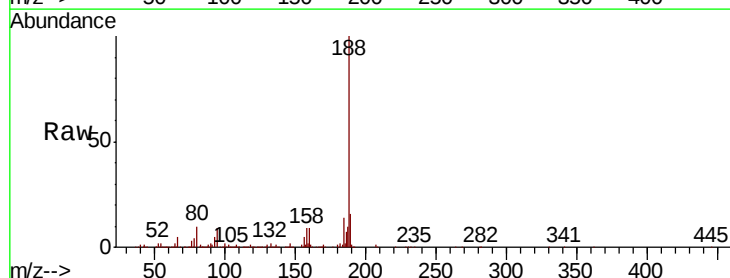
Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

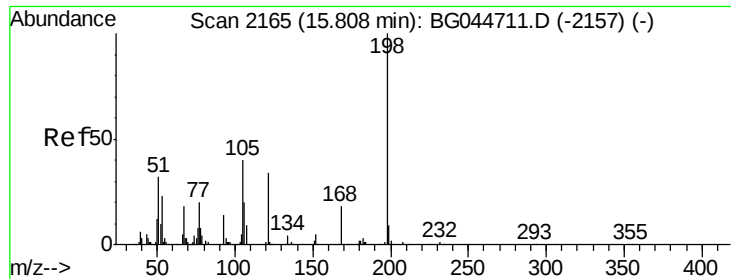
Tot Ion	Ratio	Lower	Upper
139	100		
109	100.1	74.1	114.1
65	126.5	98.6	138.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044722.D
Acq: 11 Mar 2020 16:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	10.2	8.4	12.6

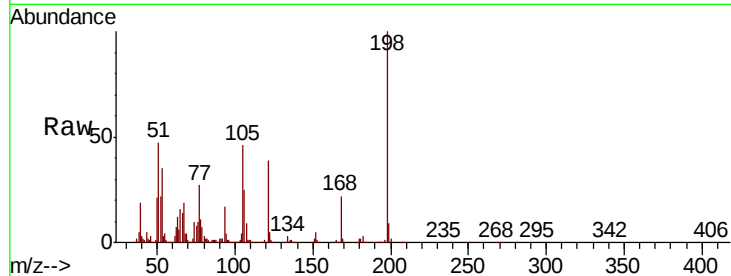




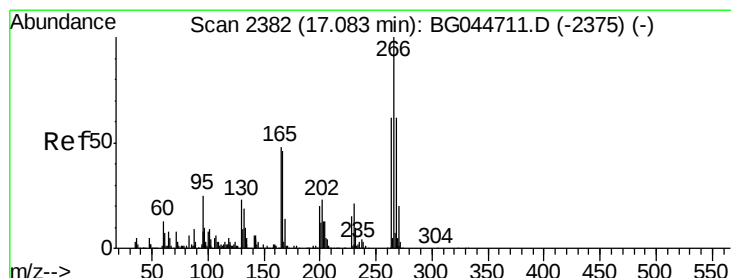
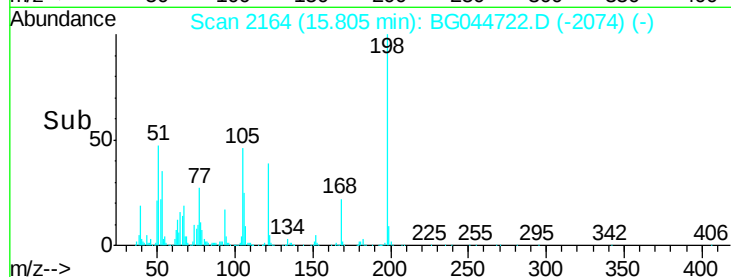
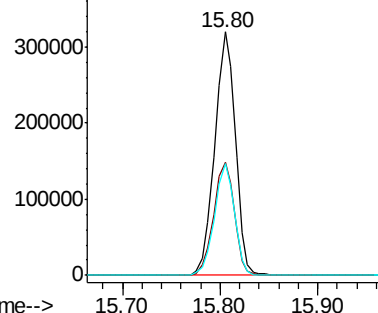
#65
 4,6-Dinitro-2-methylphenol
 Concen: 151.077 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BG044722.D
 Acq: 11 Mar 2020 16:09

Instrument :
 BNA_G
 ClientSampleId :
 PT-ACIDS-WP

Tot Ion	Ratio	Lower	Upper
198	100		
51	46.7	20.1	60.1
105	45.7	21.3	61.3

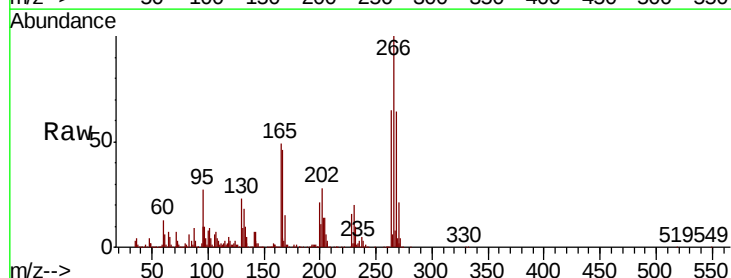


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

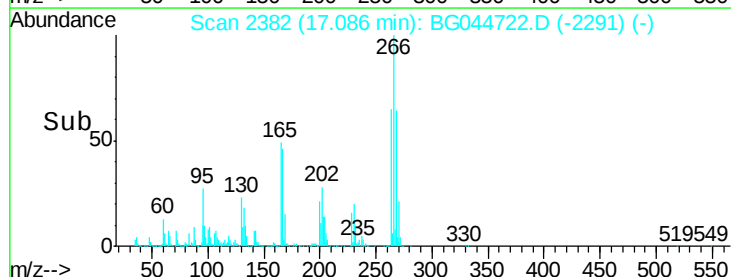
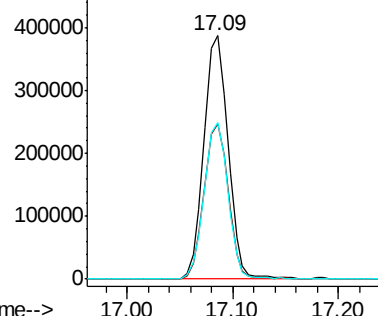


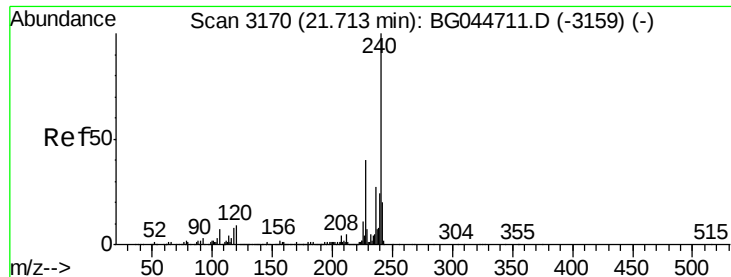
#70
 Pentachlorophenol
 Concen: 139.920 ng
 RT: 17.09 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: BG044722.D
 Acq: 11 Mar 2020 16:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	49.9	74.9
264	64.6	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

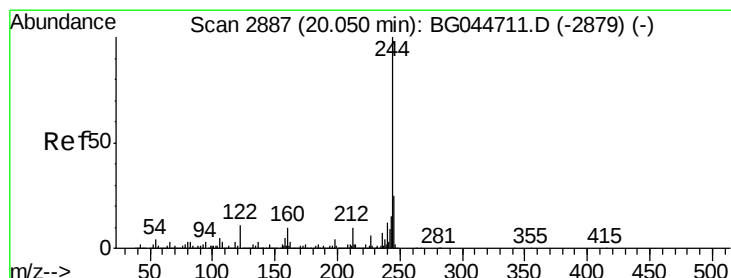
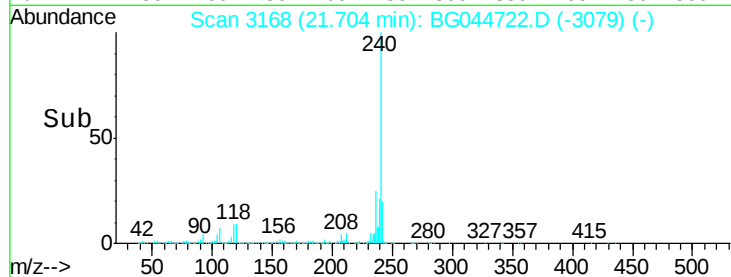
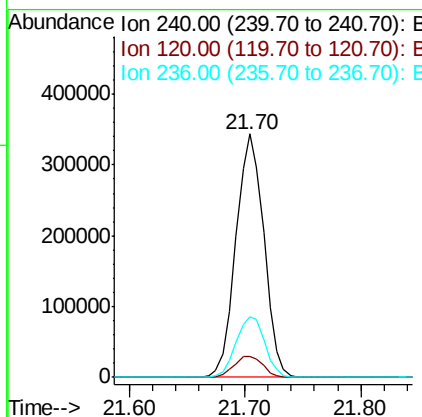
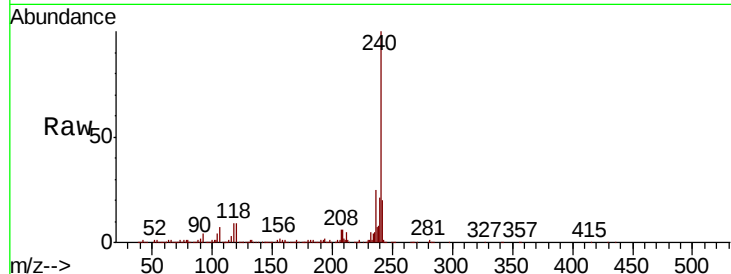




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG044722.D
Acq: 11 Mar 2020 16:09

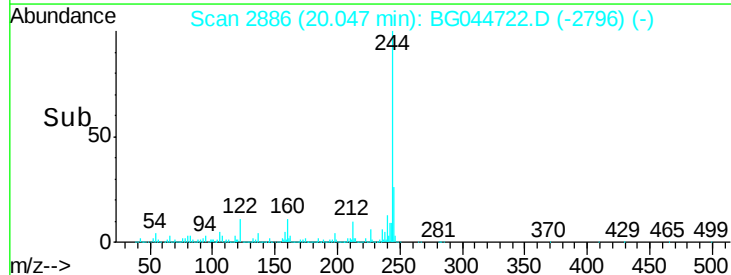
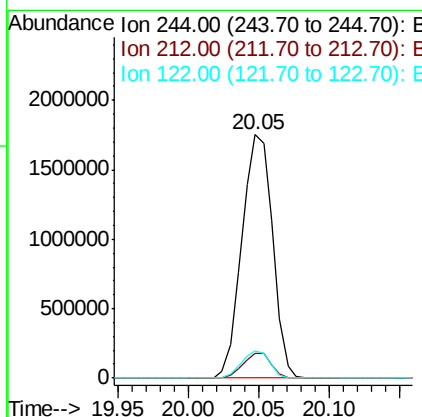
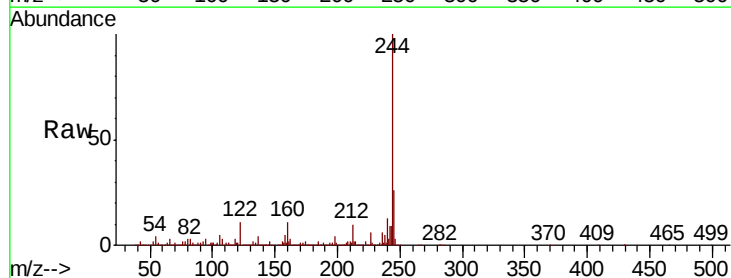
Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

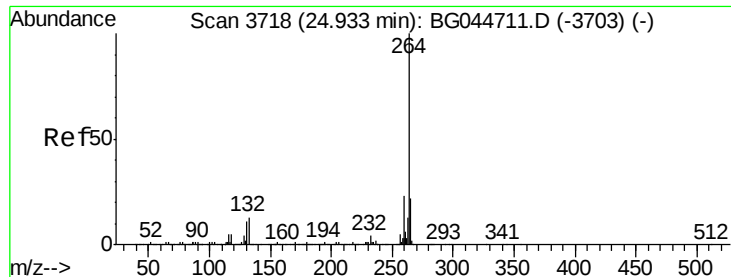
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	24.8	21.9	32.9



#79
Terphenyl-d14
Concen: 86.664 ng
RT: 20.05 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG044722.D
Acq: 11 Mar 2020 16:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.4	12.6
122	11.4	8.7	13.1

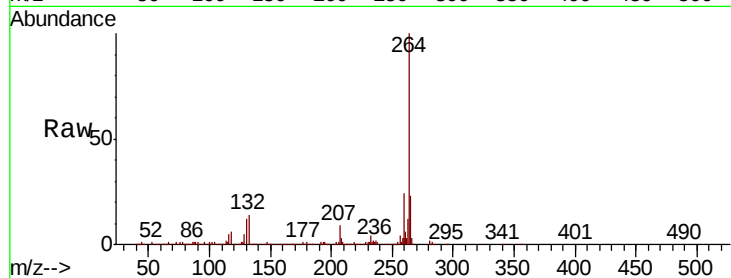




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG044722.D
Acq: 11 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	23.5	17.4	26.2



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

