Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021656.D
Acq On : 14 Apr 2016 17:16
Operator : UM/SJ
Sample : H1739-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-ACIDS-WP

Quant Time: Apr 15 01:47:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	30161	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	132232	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	88431	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	218904	20.00	ng	0.00
75) Chrysene-d12	21.83	240	251457	20.00	ng	0.00
86) Perylene-d12	25.16	264	246161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	253133	139.76	ng	0.00
7) Phenol-d6	7.36	99	377377	139.49	ng	0.00
23) Nitrobenzene-d5	9.38	82	229648	89.27	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	153181	160.73	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	529276	87.69	ng	0.00
78) Terphenyl-d14	20.15	244	893258	88.64	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.78	128	293836	135.33	ng	97
17) 2-Methylphenol	8.65	107	256589	127.54	ng	94
20) 3+4-Methylphenols	8.97	107	418415	151.99	ng	95
26) 2-Nitrophenol	10.14	139	116952	111.21	ng	98
27) 2,4-Dimethylphenol	10.19	122	222411	93.10	ng	98
29) 2,4-Dichlorophenol	10.67	162	240600	118.13	ng	97
36) 4-Chloro-3-methylphenol	12.28	107	204707	79.93	ng	99
42) 2,4,6-Trichlorophenol	13.26	196	260920	148.06	ng	97
43) 2,4,5-Trichlorophenol	13.33	196	165615	87.09	ng	98
53) 2,4-Dinitrophenol	14.92	184	76938	131.85	ng	97
55) 4-Nitrophenol	15.02	139	220008	158.91	ng	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	53929	57.90	ng	97
69) Pentachlorophenol	17.20	266	221410	156.64	ng	94

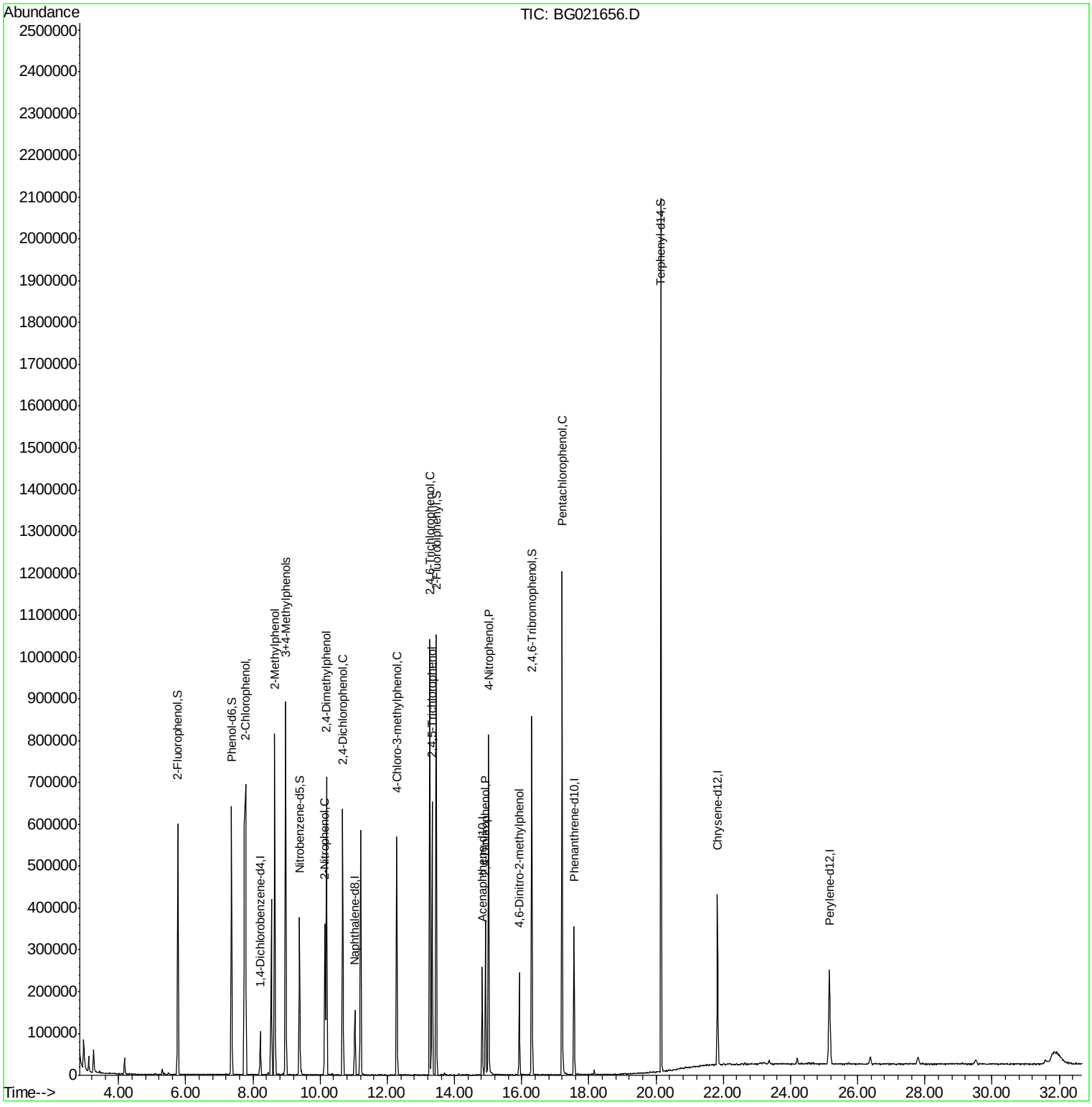
(#) = qualifier out of range (m) = manual integration (+) = signals summed

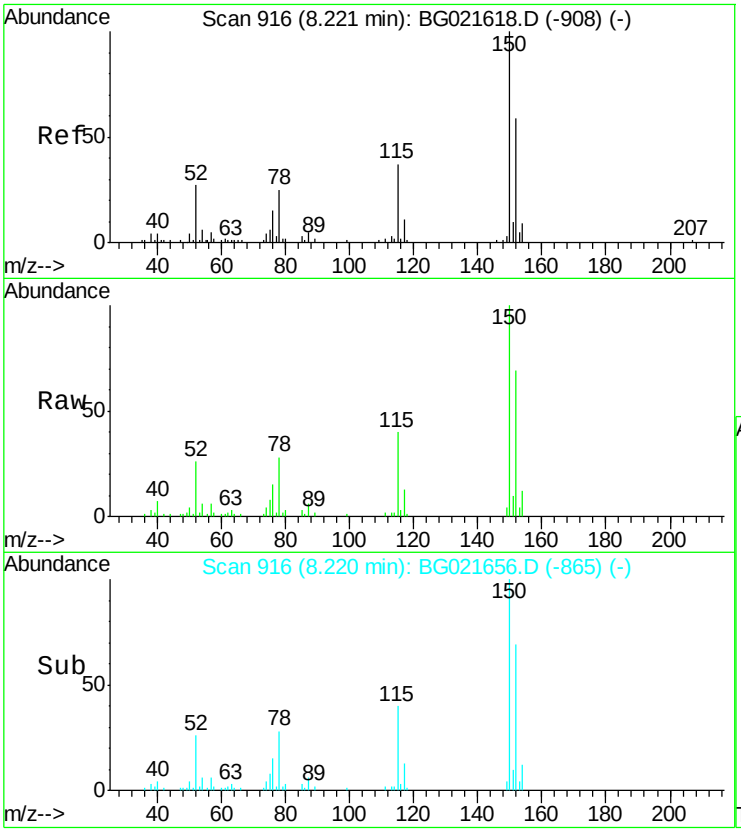
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021656.D
Acq On : 14 Apr 2016 17:16
Operator : UM/SJ
Sample : H1739-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Quant Time: Apr 15 01:47:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration



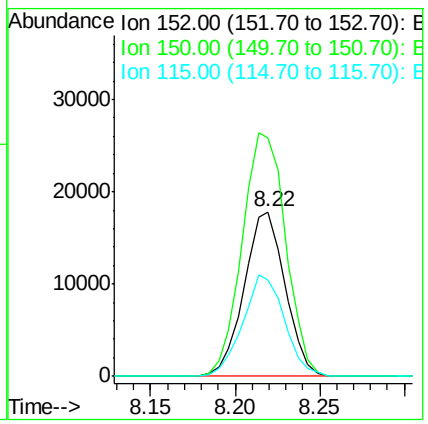


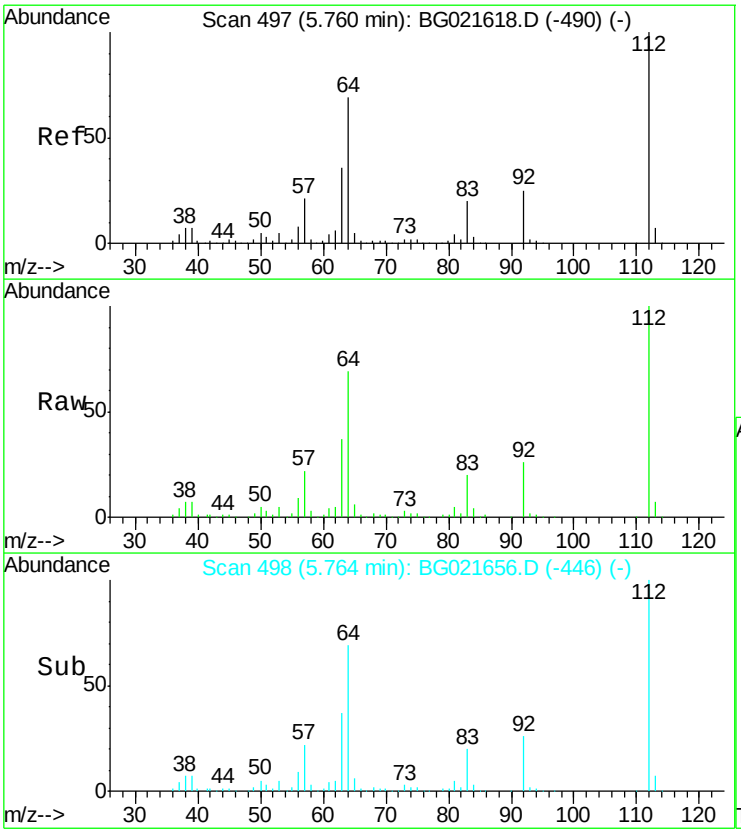
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:152 Resp: 30161

Ion	Ratio	Lower	Upper
152	100		
150	145.1	130.1	195.1
115	58.5	62.2	93.2#

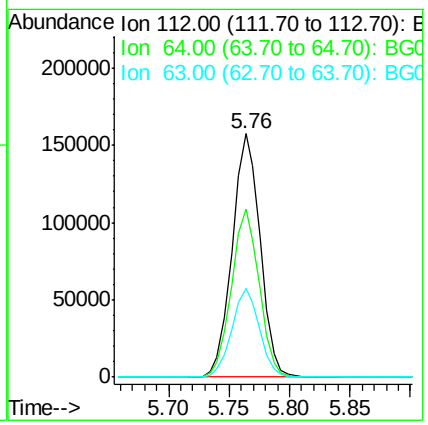


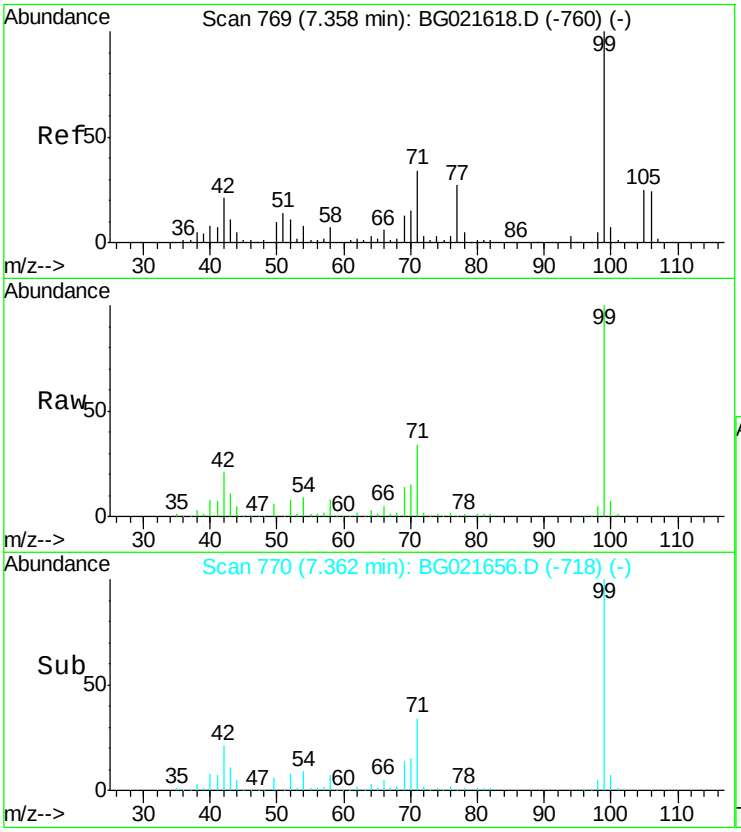


#5
2-Fluorophenol
Concen: 139.76 ng
RT: 5.76 min Scan# 498
Delta R.T. 0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Tgt Ion:112 Resp: 253133

Ion	Ratio	Lower	Upper
112	100		
64	69.3	51.1	76.7
63	36.6	24.6	37.0



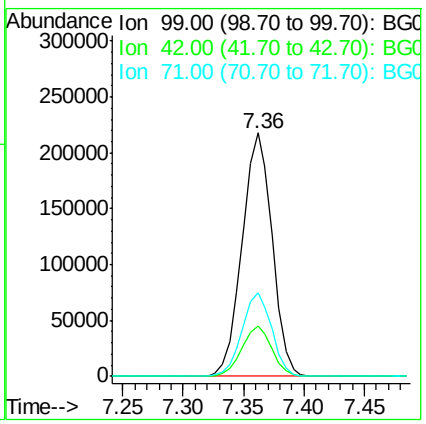


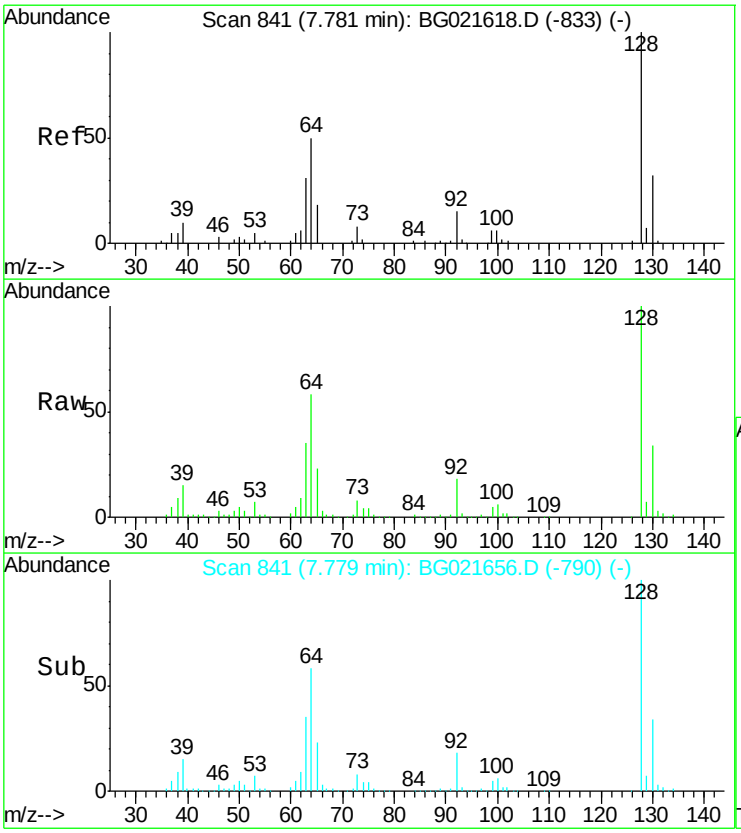
#7
Phenol-d6
Concen: 139.49 ng
RT: 7.36 min Scan# 770
Delta R.T. 0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 99 Resp: 377377

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.4	24.6
71	34.4	25.0	37.4

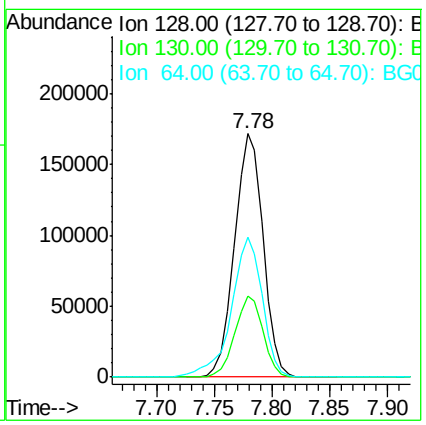


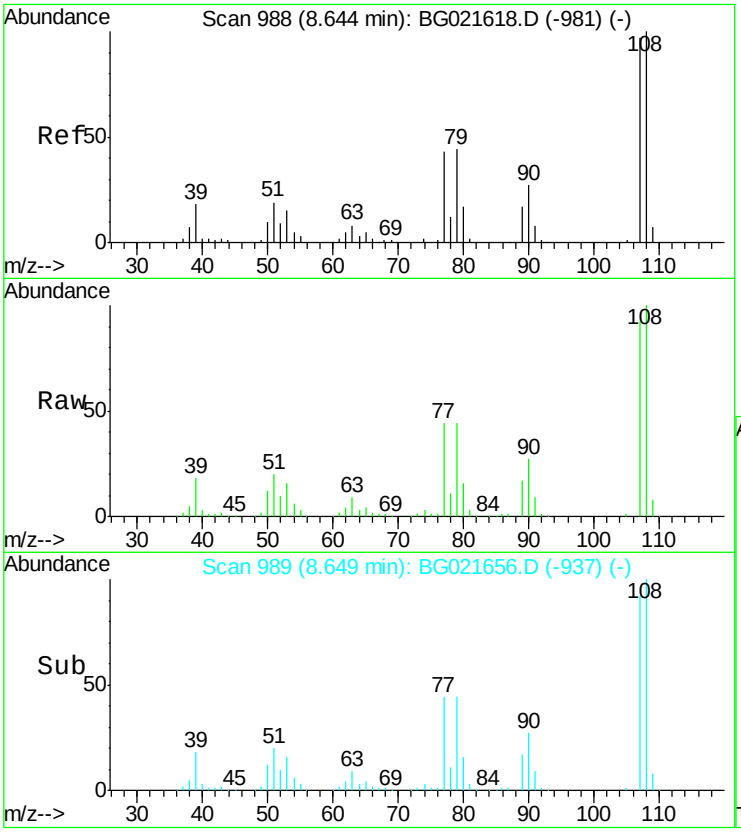


#8
2-Chlorophenol
Concen: 135.33 ng
RT: 7.78 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Tgt Ion:128 Resp: 293836

Ion	Ratio	Lower	Upper
128	100		
130	33.5	11.2	51.2
64	57.7	39.8	79.8



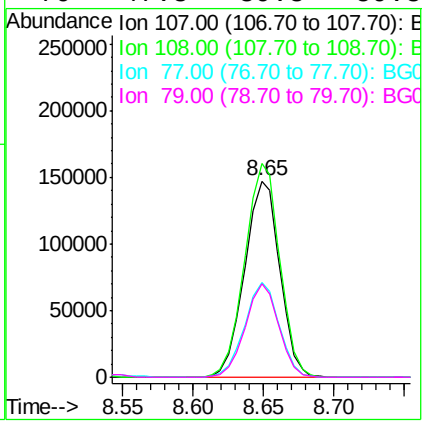


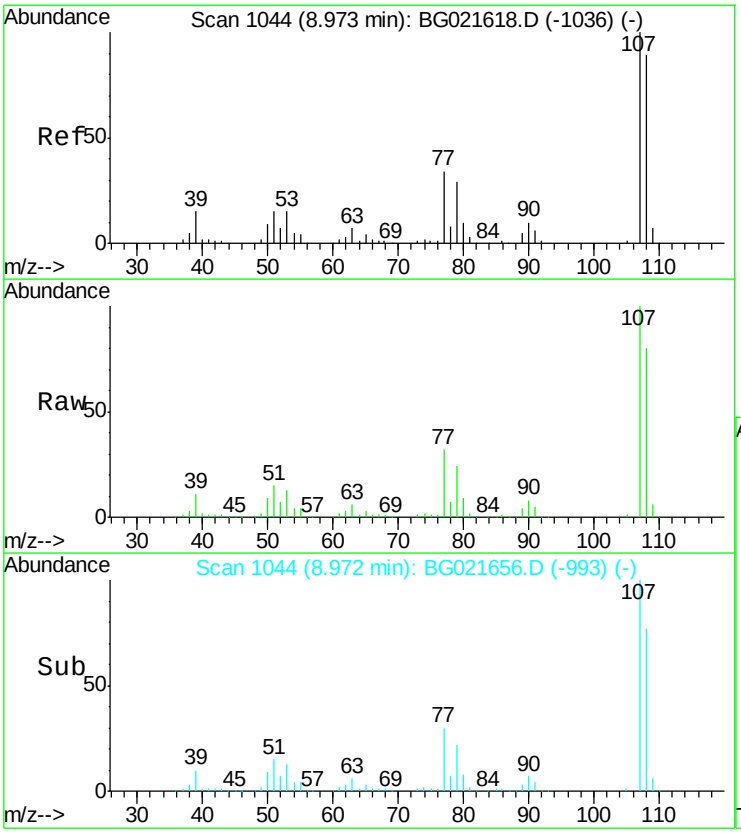
#17
2-Methylphenol
Concen: 127.54 ng
RT: 8.65 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:107 Resp: 256589

Ion	Ratio	Lower	Upper
107	100		
108	108.8	80.2	120.4
77	48.3	40.7	61.1
79	47.8	39.8	59.8

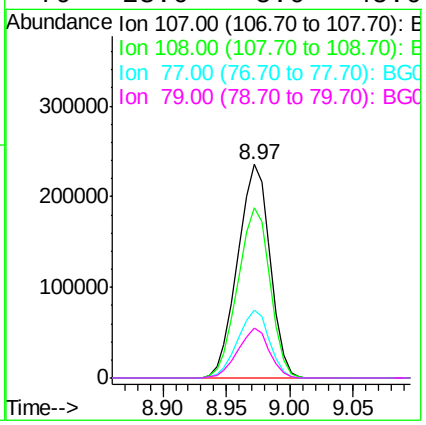


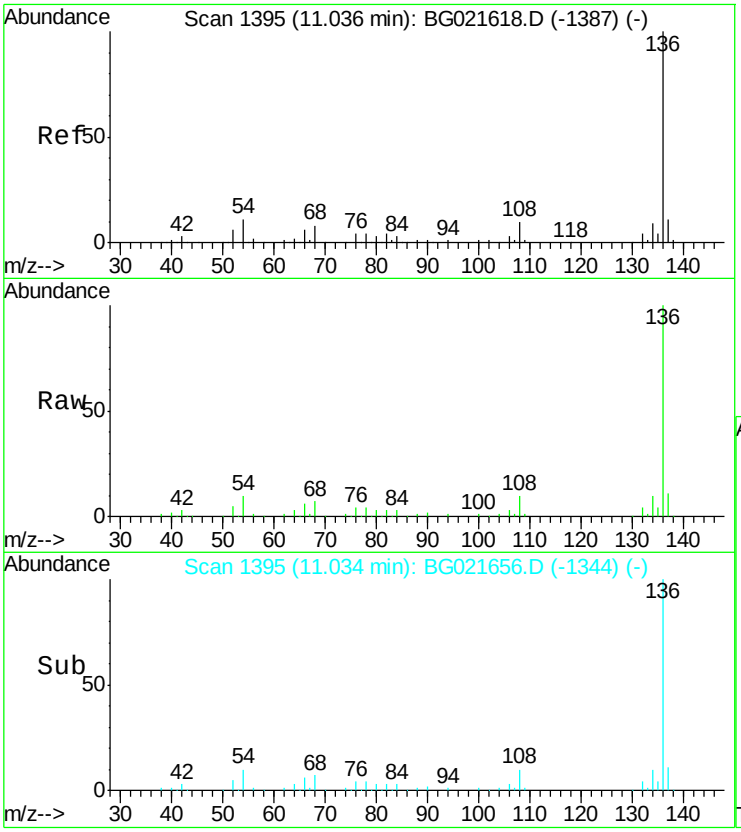


#20
3+4-Methylphenols
Concen: 151.99 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Tgt Ion:107 Resp: 418415

Ion	Ratio	Lower	Upper
107	100		
108	79.8	66.2	106.2
77	32.0	11.5	51.5
79	23.6	5.6	45.6



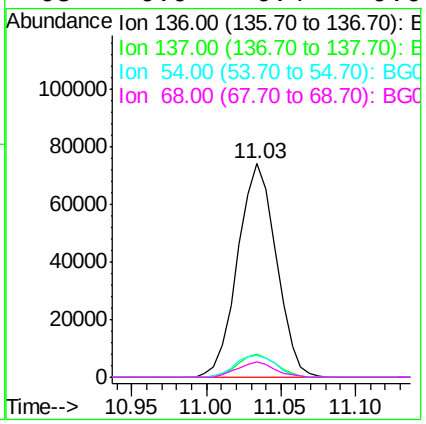


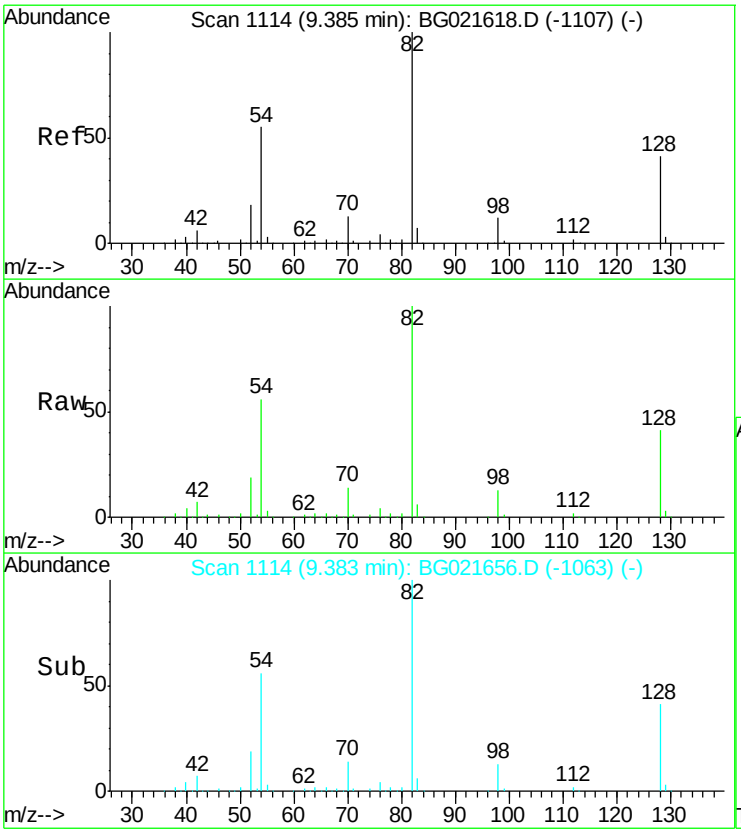
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:136 Resp: 132232

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	10.4	9.6	14.4
68	6.9	6.4	9.6

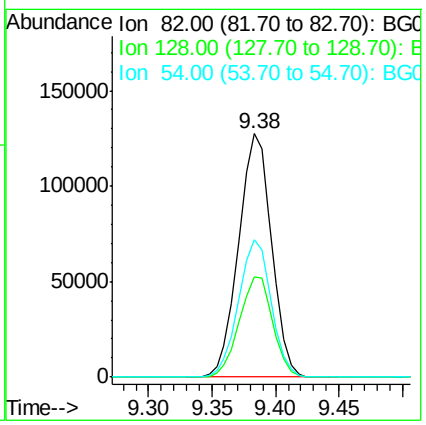


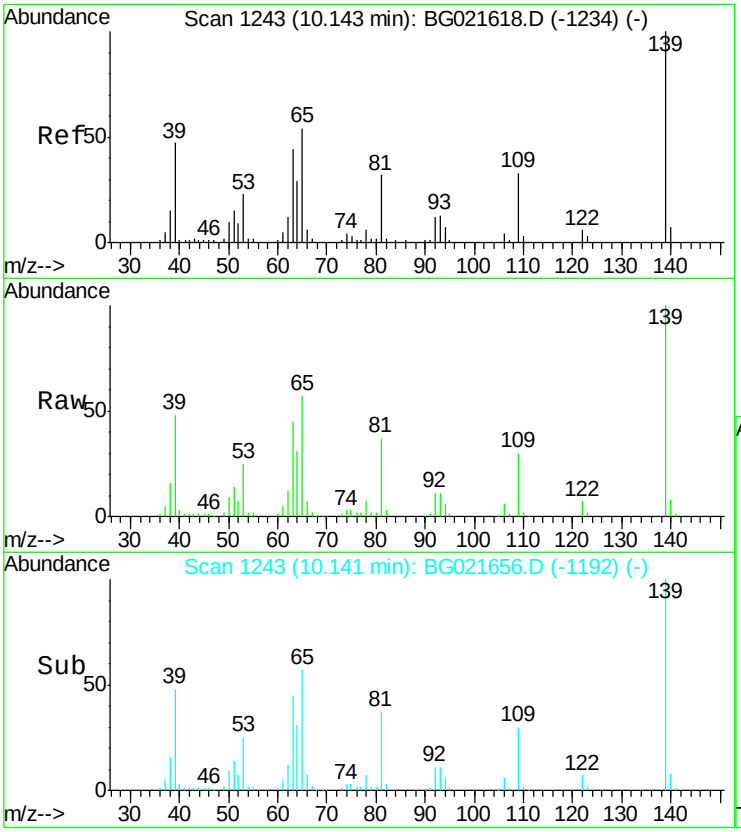


#23
Nitrobenzene-d5
Concen: 89.27 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Tgt Ion: 82 Resp: 229648

Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.4	50.0
54	56.4	46.1	69.1



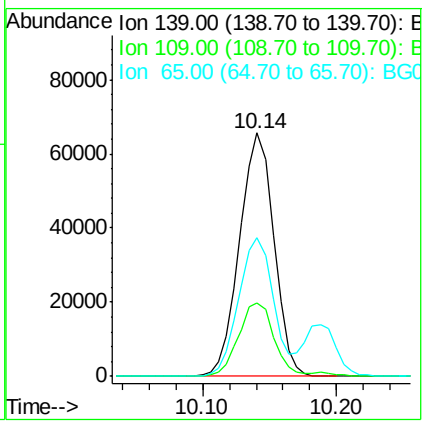


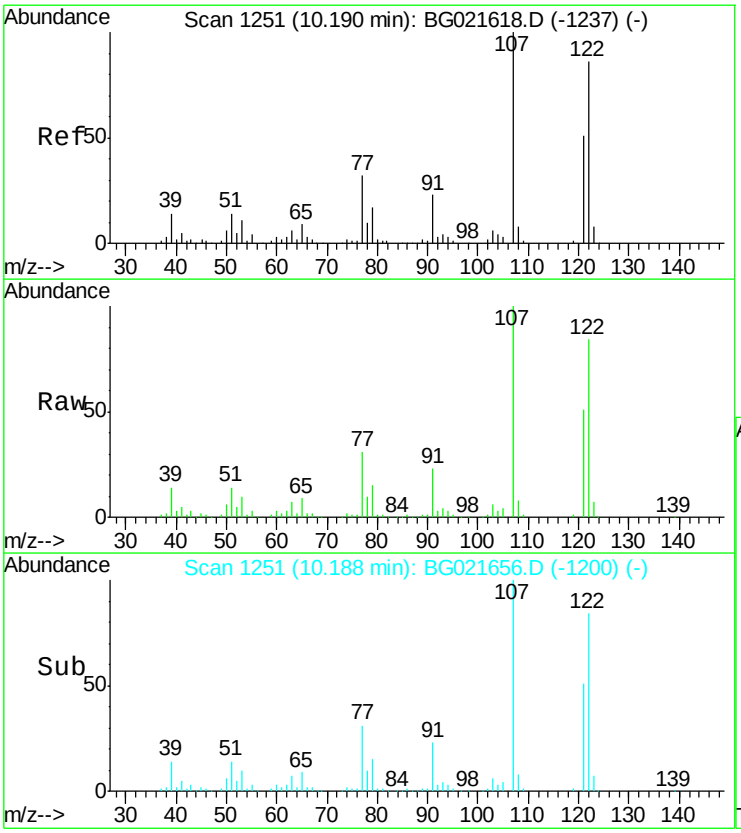
#26
2-Nitrophenol
Concen: 111.21 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:139 Resp: 116952

Ion	Ratio	Lower	Upper
139	100		
109	30.2	26.6	40.0
65	56.9	45.3	67.9

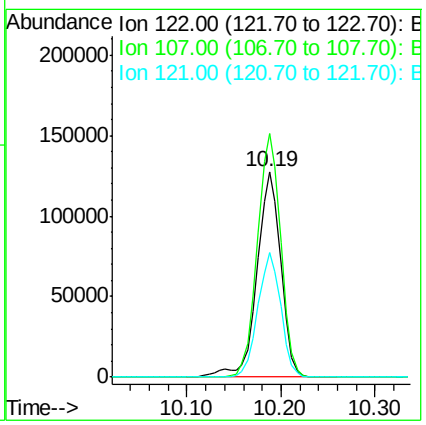


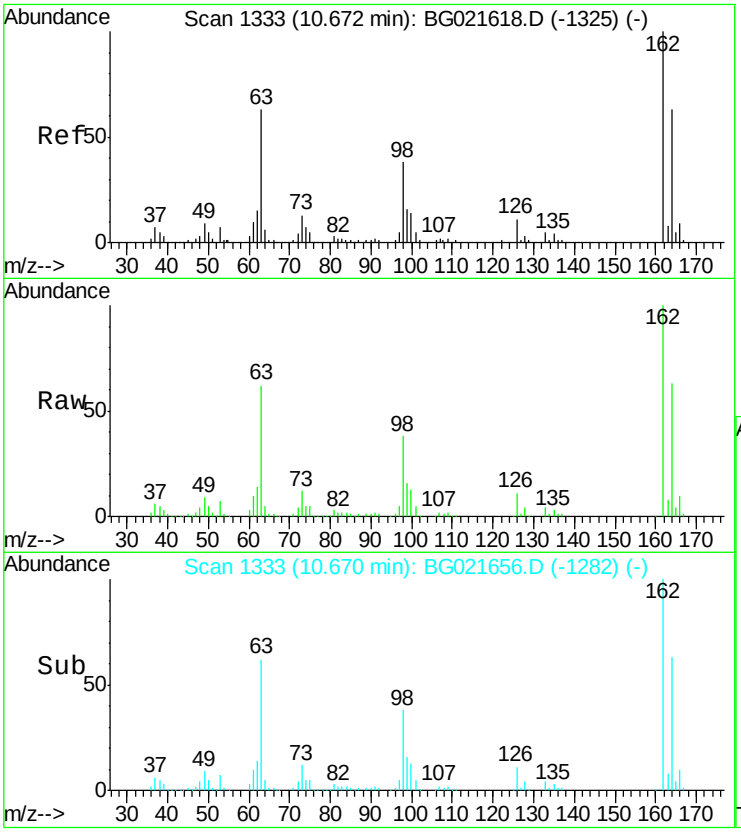


#27
2,4-Dimethylphenol
Concen: 93.10 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Tgt Ion:122 Resp: 222411

Ion	Ratio	Lower	Upper
122	100		
107	118.5	97.2	145.8
121	60.4	49.0	73.4



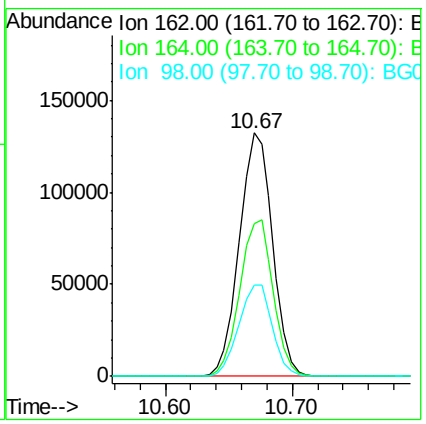


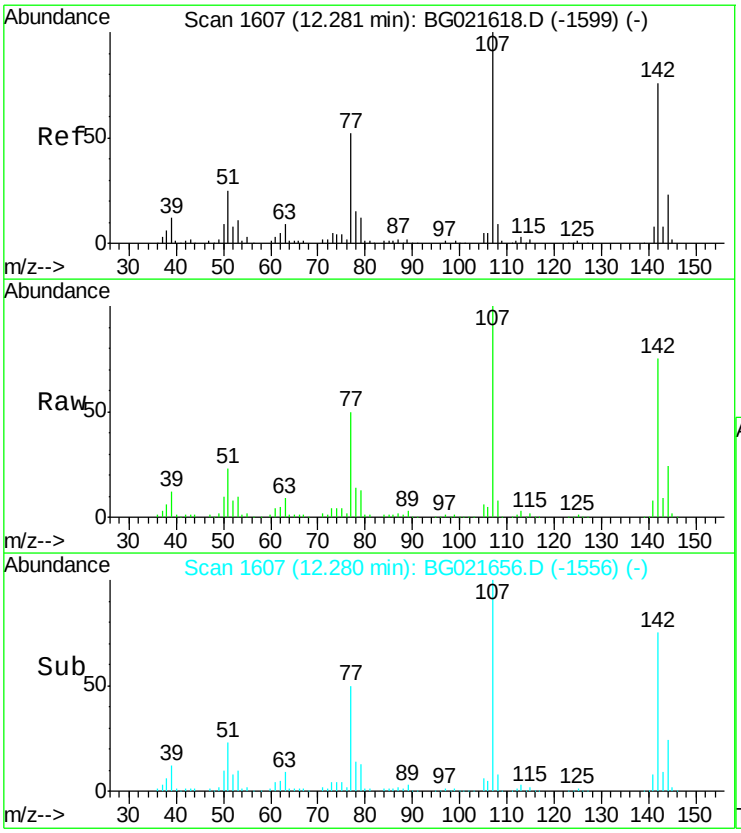
#29
2,4-Dichlorophenol
Concen: 118.13 ng
RT: 10.67 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:162 Resp: 240600

Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.9	84.9
98	37.6	19.2	59.2

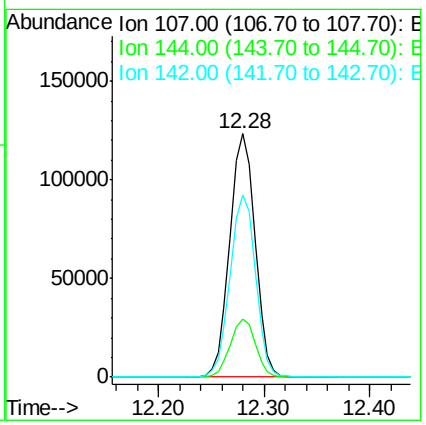


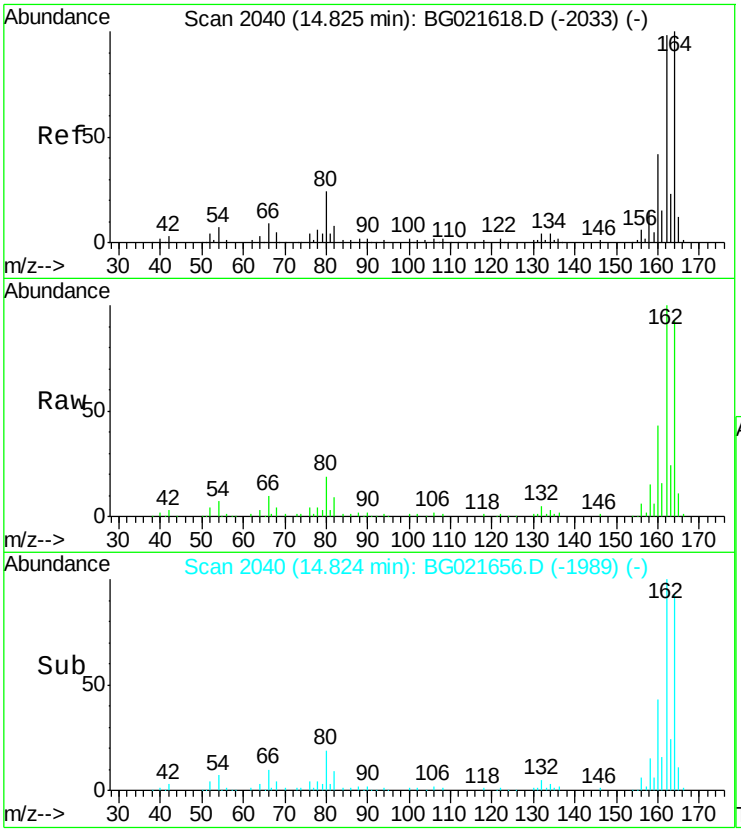


#36
4-Chloro-3-methylphenol
Concen: 79.93 ng
RT: 12.28 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Tgt Ion:107 Resp: 204707

Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.2	28.8
142	74.8	59.1	88.7



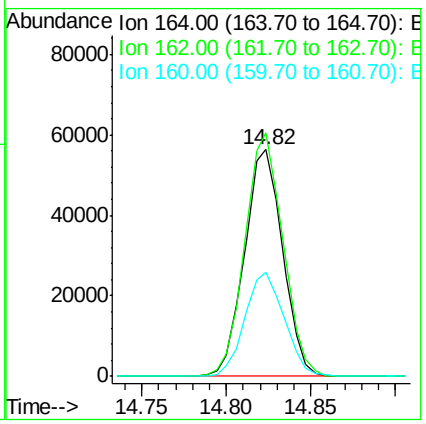


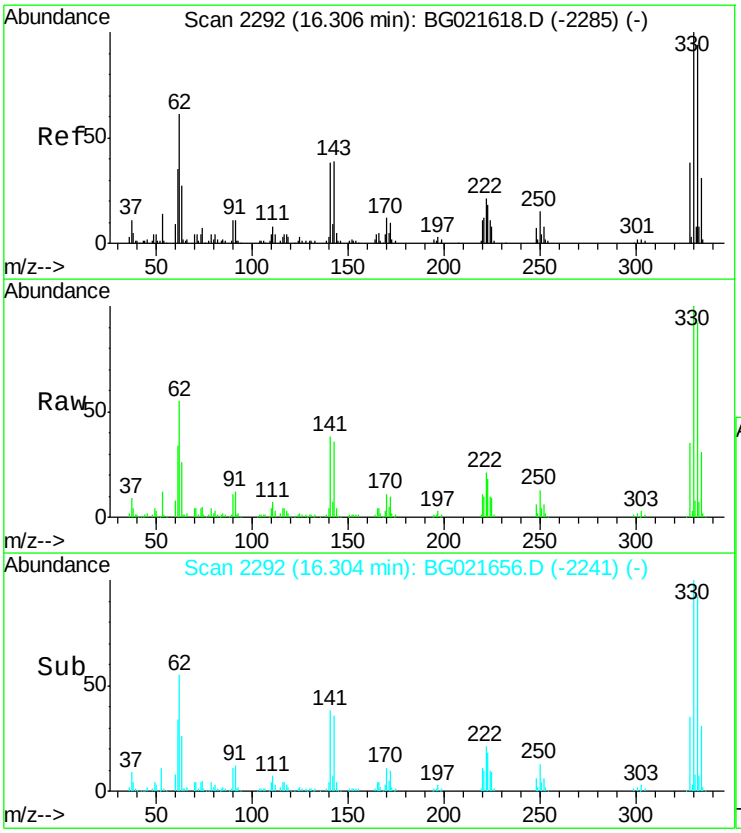
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:164 Resp: 88431

Ion	Ratio	Lower	Upper
164	100		
162	107.3	78.0	117.0
160	45.9	32.9	49.3

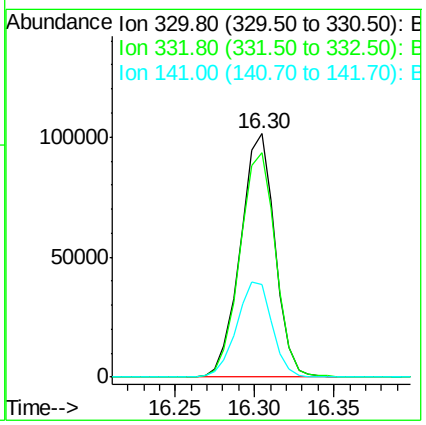


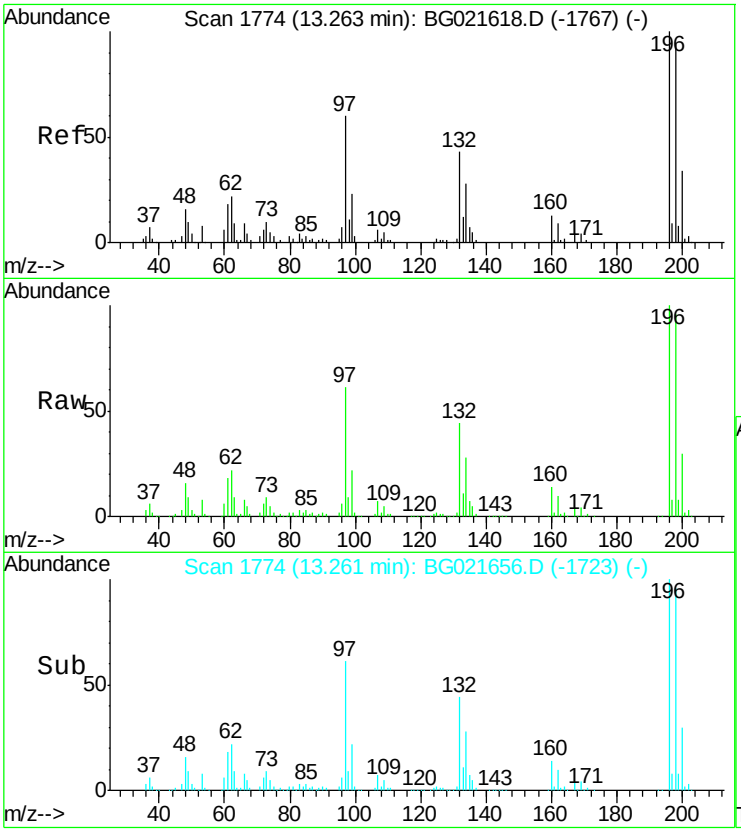


#41
2,4,6-Tribromophenol
Concen: 160.73 ng
RT: 16.30 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Tgt Ion:330 Resp: 153181

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.0	117.0
141	39.9	33.8	50.8



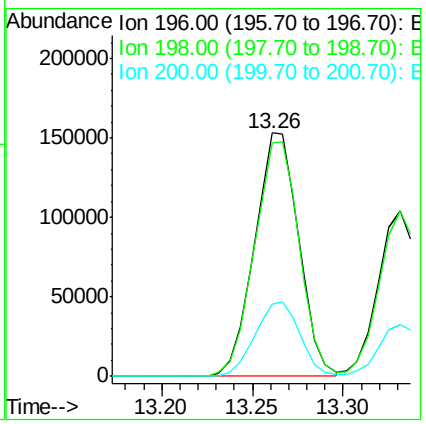


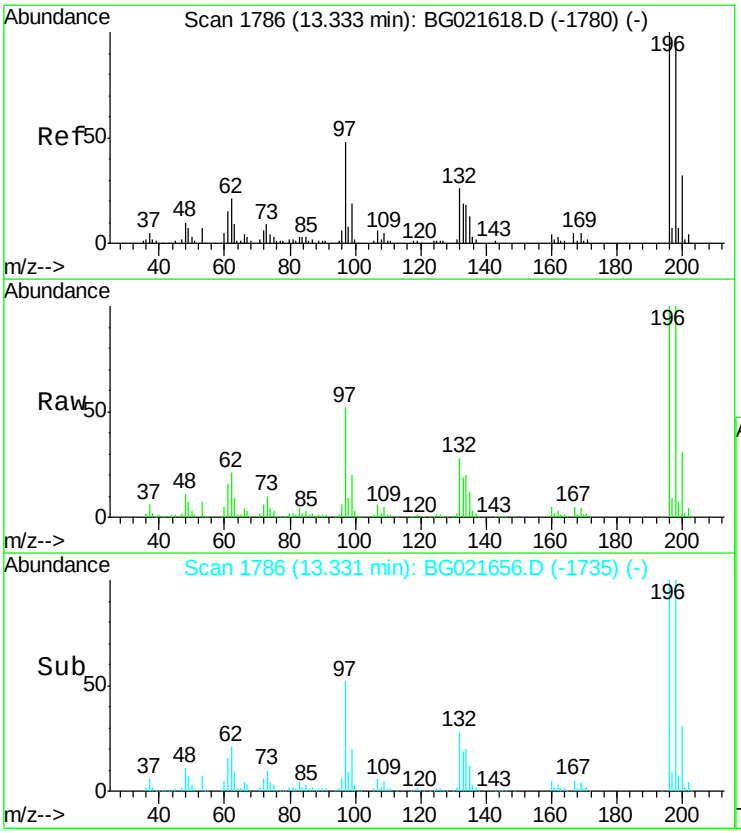
#42
2,4,6-Trichlorophenol
Concen: 148.06 ng
RT: 13.26 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:196 Resp: 260920

Ion	Ratio	Lower	Upper
196	100		
198	96.1	80.1	120.1
200	29.7	24.1	36.1

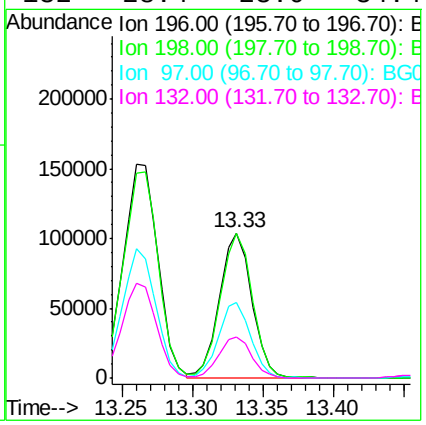


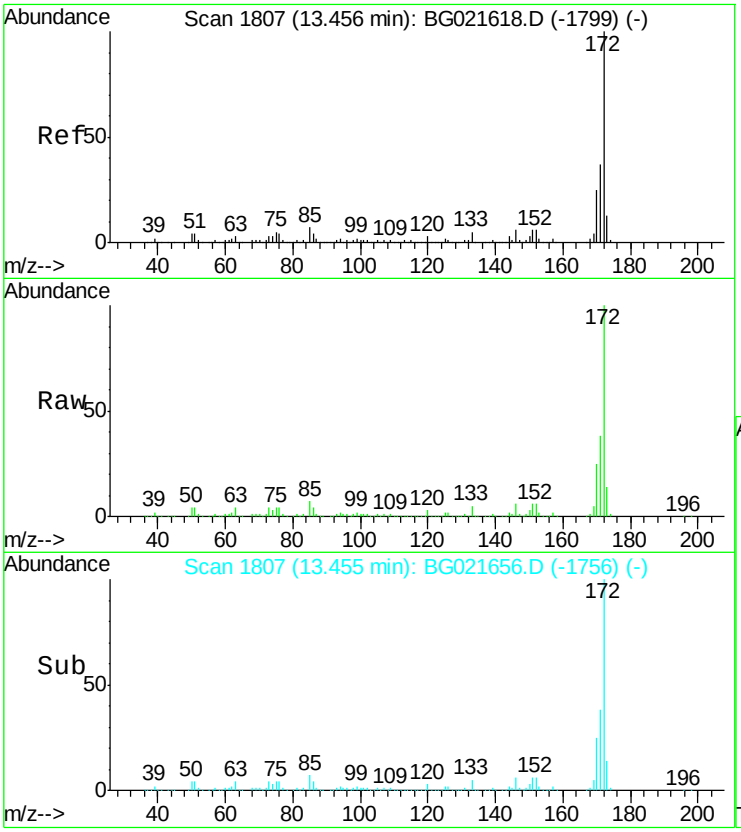


#43
2,4,5-Trichlorophenol
Concen: 87.09 ng
RT: 13.33 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Tgt Ion:196 Resp: 165615

Ion	Ratio	Lower	Upper
196	100		
198	99.8	78.0	117.0
97	51.9	43.0	64.6
132	28.4	23.0	34.4



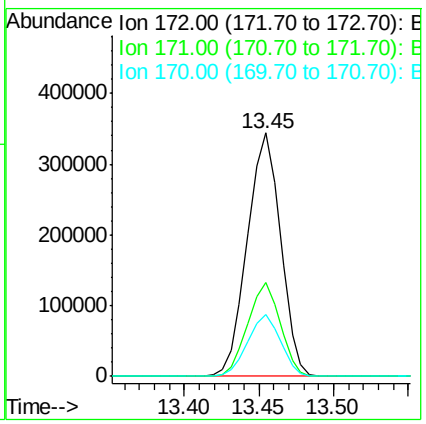


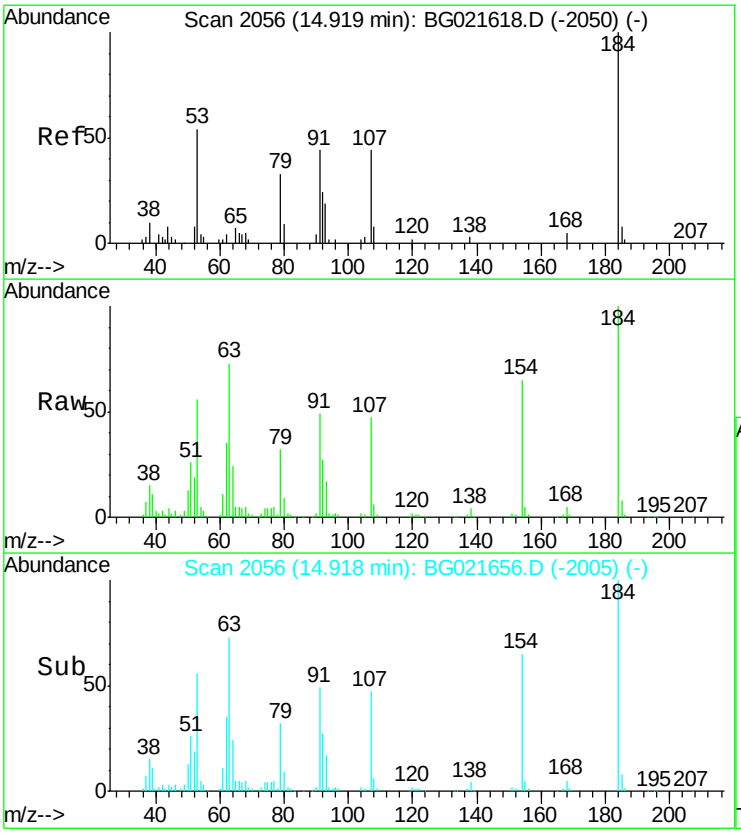
#44
2-Fluorobiphenyl
Concen: 87.69 ng
RT: 13.45 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:172 Resp: 529276

Ion	Ratio	Lower	Upper
172	100		
171	38.3	27.8	41.6
170	25.4	19.6	29.4

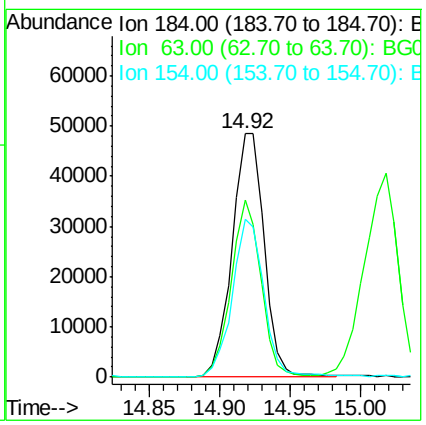


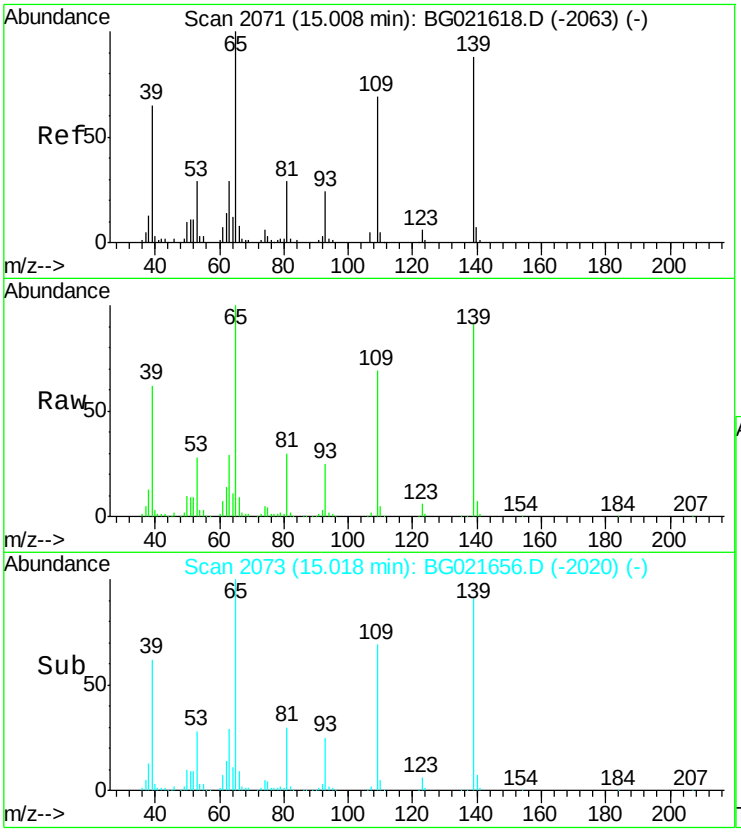


#53
2,4-Dinitrophenol
Concen: 131.85 ng
RT: 14.92 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Tgt Ion:184 Resp: 76938

Ion	Ratio	Lower	Upper
184	100		
63	72.5	57.3	85.9
154	64.8	55.2	82.8



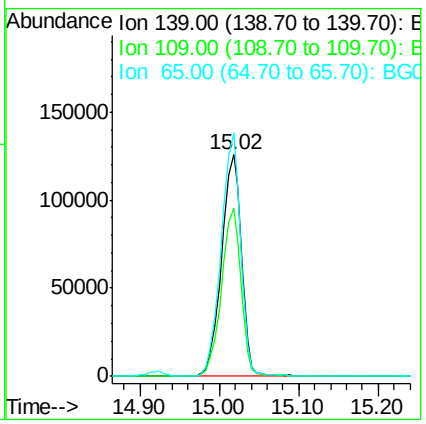


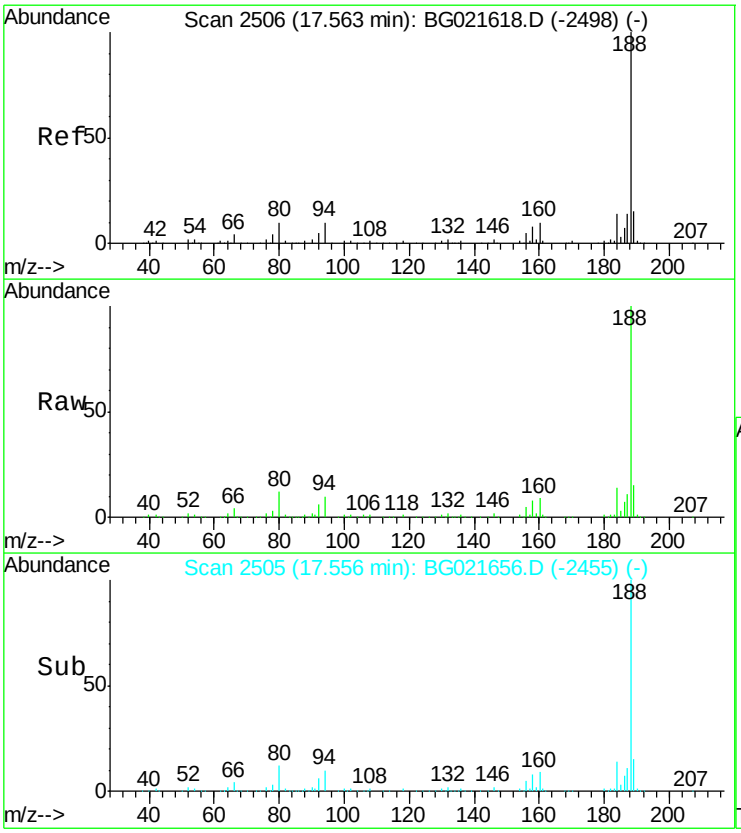
#55
4-Nitrophenol
Concen: 158.91 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:139 Resp: 220008

Ion	Ratio	Lower	Upper
139	100		
109	75.6	49.2	89.2
65	109.8	83.2	123.2

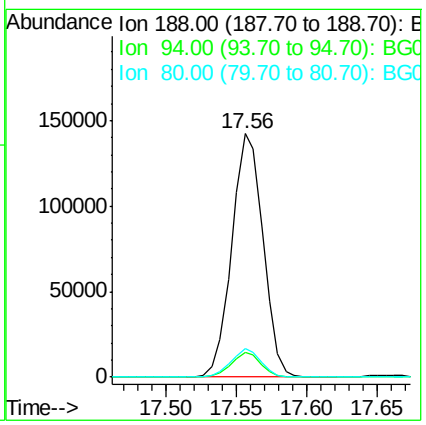


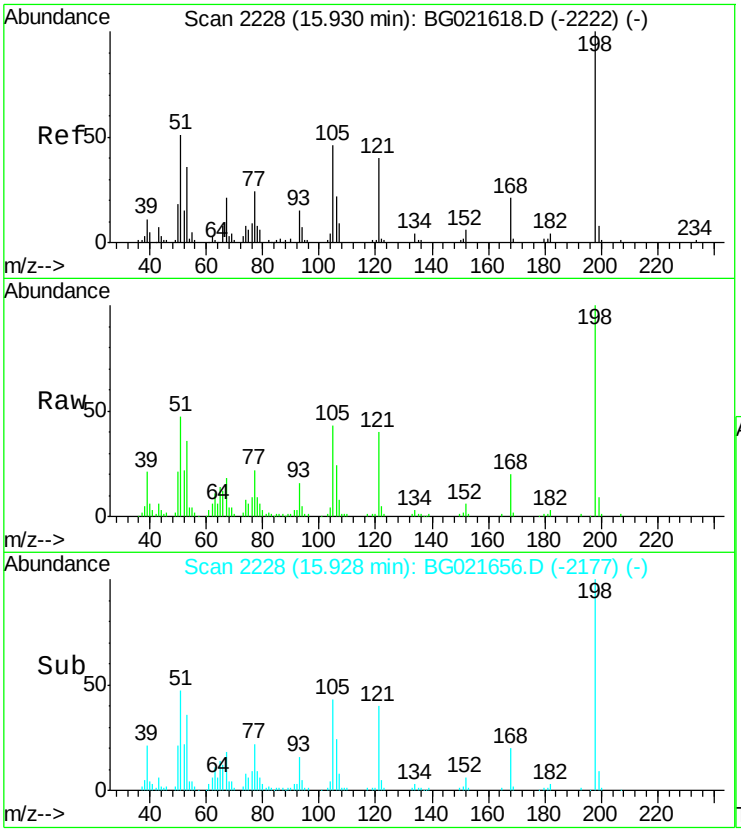


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Tgt Ion:188 Resp: 218904

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.5	11.3
80	11.6	8.6	13.0



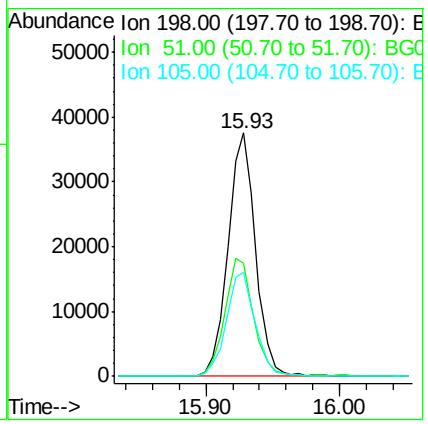


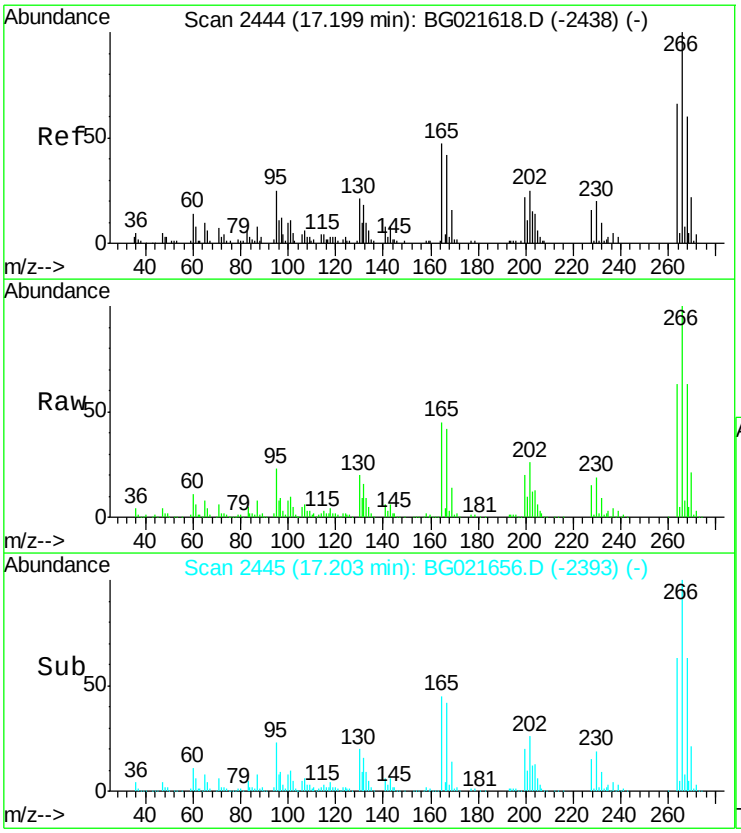
#64
4,6-Dinitro-2-methylphenol
Concen: 57.90 ng
RT: 15.93 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:198 Resp: 53929

Ion	Ratio	Lower	Upper
198	100		
51	46.7	29.2	69.2
105	42.7	24.0	64.0

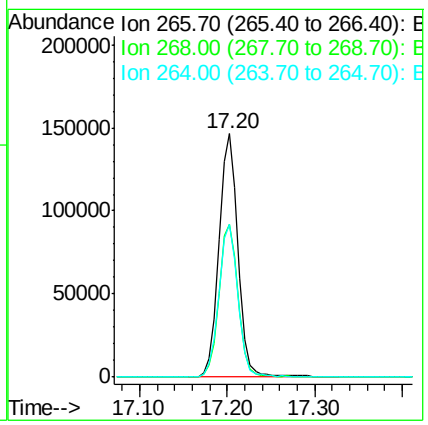


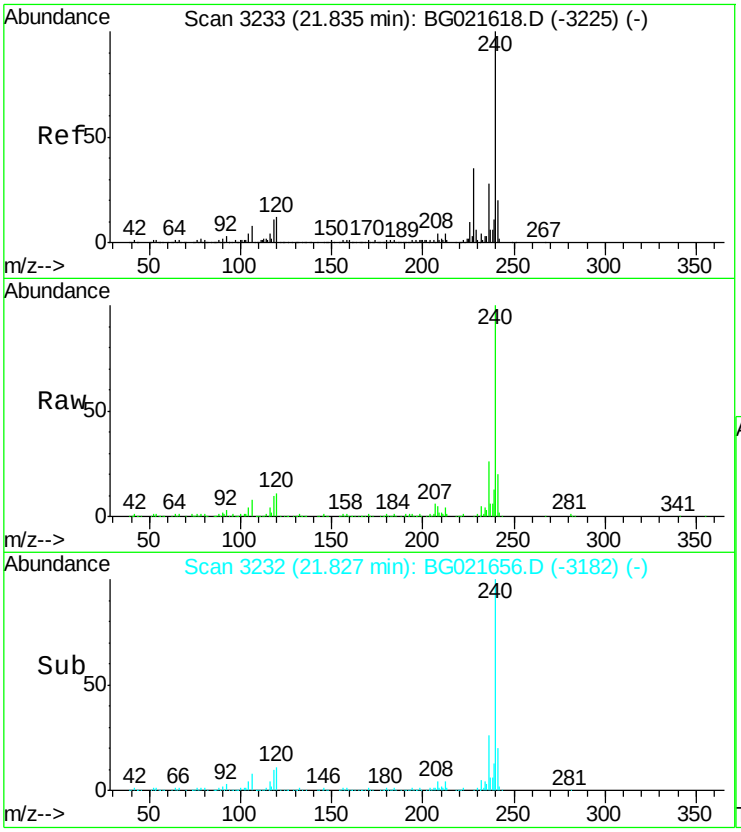


#69
Pentachlorophenol
Concen: 156.64 ng
RT: 17.20 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Tgt Ion:266 Resp: 221410

Ion	Ratio	Lower	Upper
266	100		
268	62.5	54.5	81.7
264	62.7	53.8	80.6



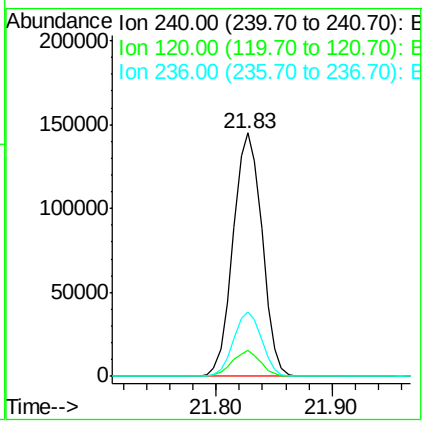


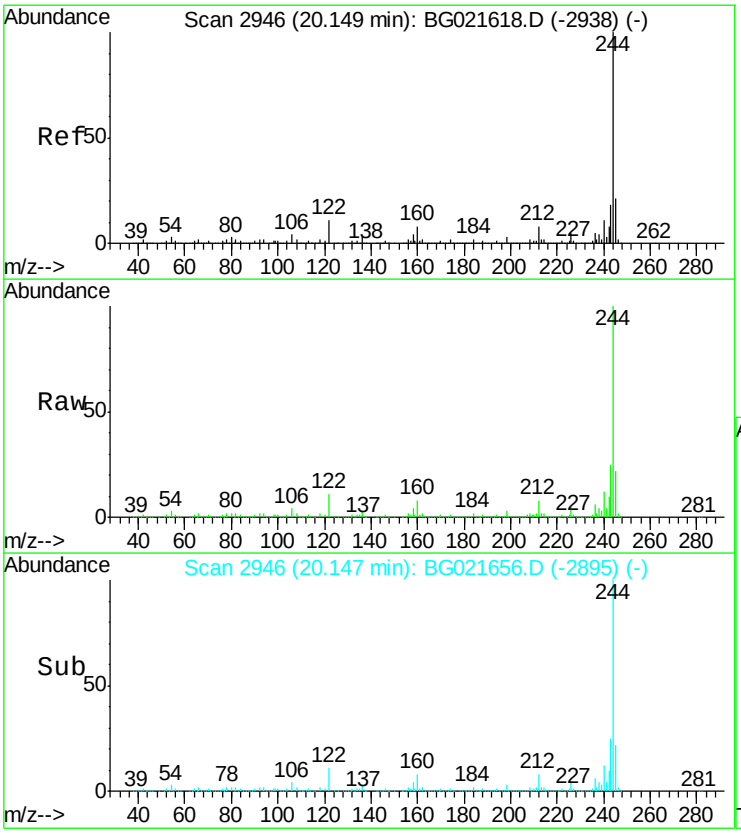
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:240 Resp: 251457

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.4	12.6
236	26.2	19.6	29.4

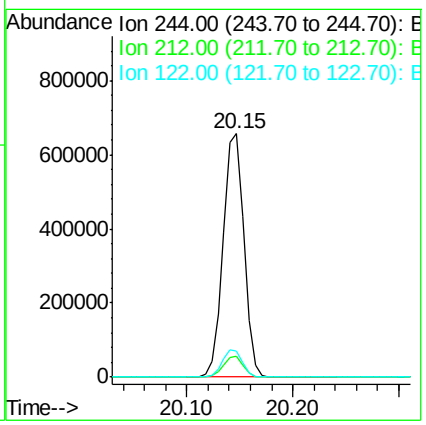


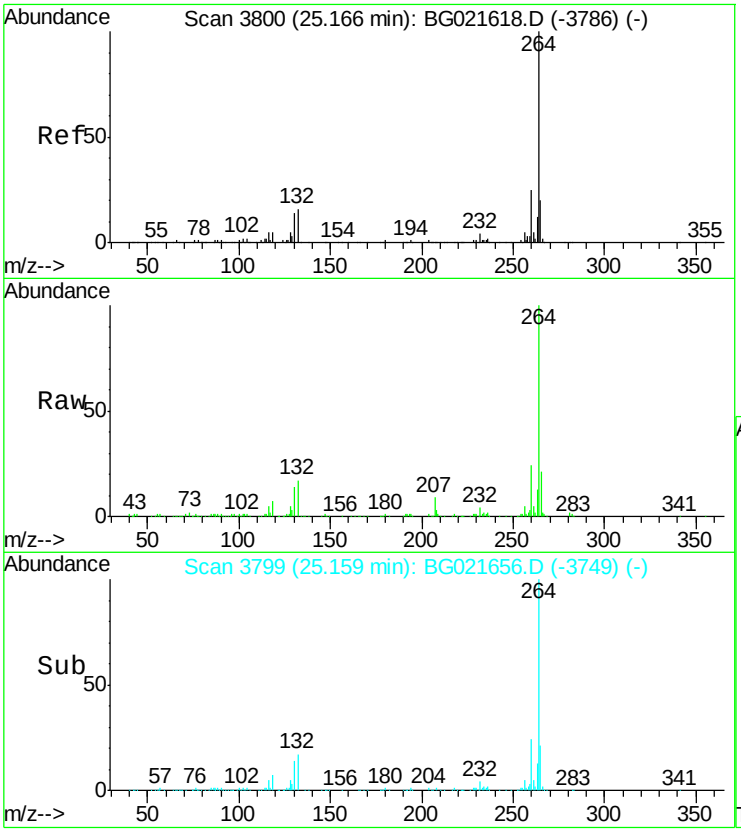


#78
Terphenyl-d14
Concen: 88.64 ng
RT: 20.15 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Tgt Ion:244 Resp: 893258

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	10.7	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BG021656.D
Acq: 14 Apr 2016 17:16

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:264 Resp: 246161

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.4
265	21.0	17.8	26.8