Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024094.D
Acq On : 23 Sep 2016 19:25
Operator : UM/SJ
Sample : H4803-06DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-ACIDS-WPDL

Quant Time: Sep 24 00:24:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	35883	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	166187	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	140923	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	342257	20.00	ng		0.00
75) Chrysene-d12	21.79	240	394721	20.00	ng		0.00
86) Perylene-d12	25.14	264	367924	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	55423	26.76	ng		0.00
7) Phenol-d6	7.21	99	94137	27.01	ng		0.00
23) Nitrobenzene-d5	9.22	82	73406	17.41	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	52792	26.06	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	156931	18.72	ng		0.00
78) Terphenyl-d14	20.09	244	320975	16.65	ng		0.00
Target Compounds							Qvalue
8) 2-Chlorophenol	7.60	128	79907	32.23	ng		95
10) Phenol	7.24	94	118356	32.30	ng		95
17) 2-Methylphenol	8.50	107	59760	24.53	ng		99
20) 3+4-Methylphenols	8.83	107	124816	35.28	ng		88
26) 2-Nitrophenol	9.99	139	46102	28.76	ng		93
27) 2,4-Dimethylphenol	10.05	122	76611	28.58	ng		95
29) 2,4-Dichlorophenol	10.56	162	30335	10.87	ng		96
32) Benzoic acid	10.18	122	26520	15.41	ng	#	87
36) 4-Chloro-3-methylphenol	12.19	107	56314	14.34	ng		98
42) 2,4,6-Trichlorophenol	13.16	196	83614	31.42	ng		91
43) 2,4,5-Trichlorophenol	13.27	196	46462	16.97	ng		98
51) Acenaphthene	14.88	154	18580	2.51	ng	#	6
53) 2,4-Dinitrophenol	14.88	184	21055	18.41	ng		85
55) 4-Nitrophenol	15.00	139	38337	25.21	ng		91
64) 4,6-Dinitro-2-methylphenol	15.88	198	53161	22.37	ng		93
68) Atrazine	17.15	200	8824	2.13	ng	#	36
69) Pentachlorophenol	17.15	266	43866	21.64	ng		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024094.D
Acq On : 23 Sep 2016 19:25
Operator : UM/SJ
Sample : H4803-06DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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QLast Update : Fri Sep 23 15:35:28 2016
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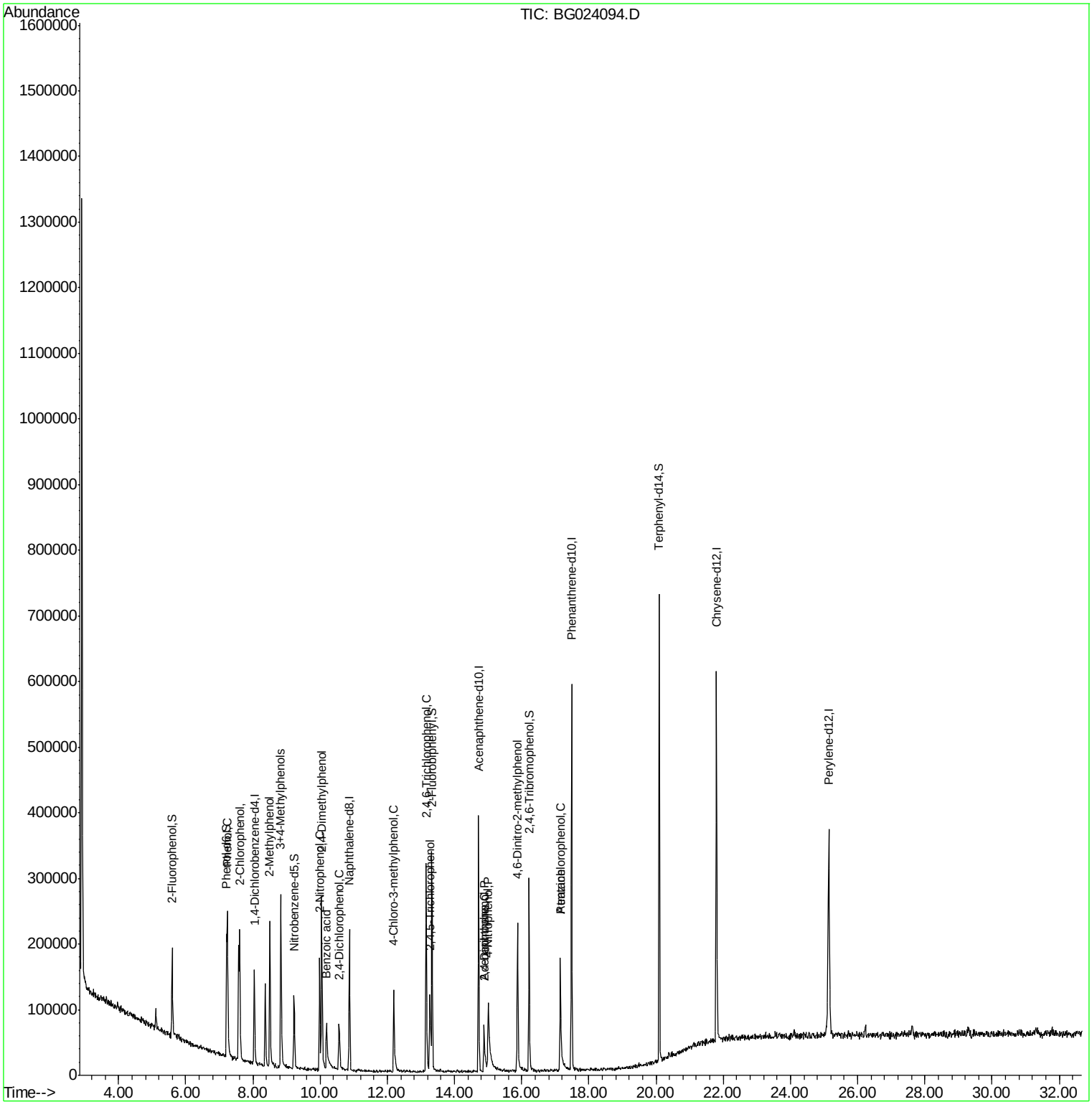
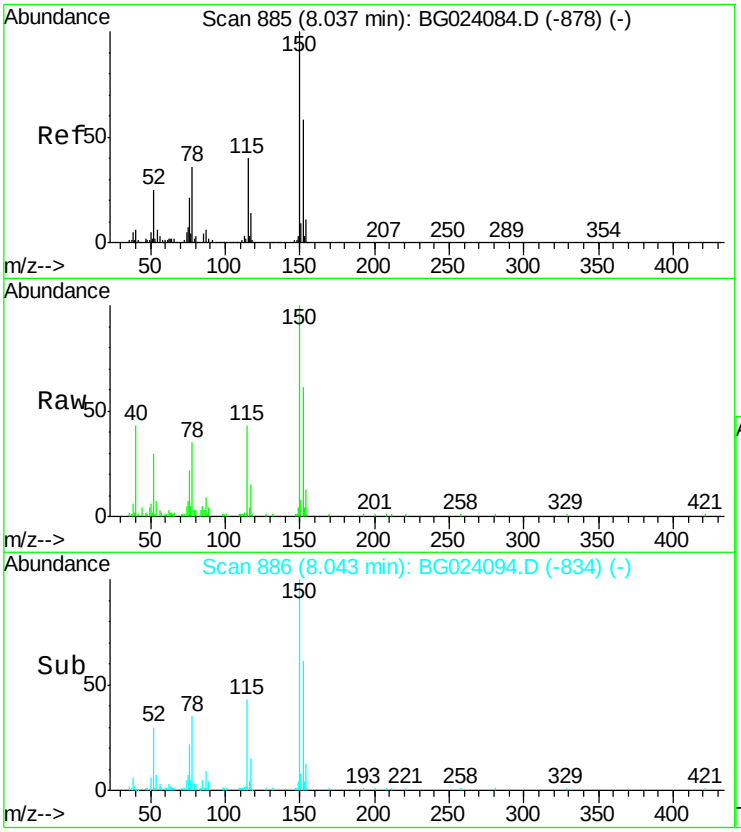


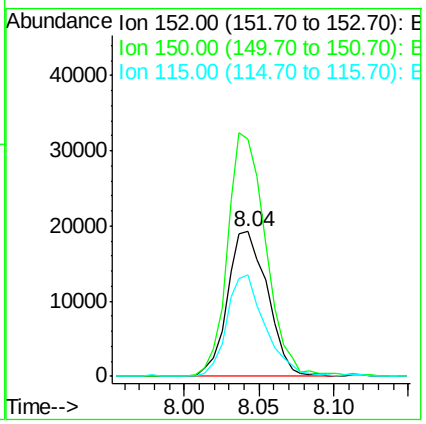


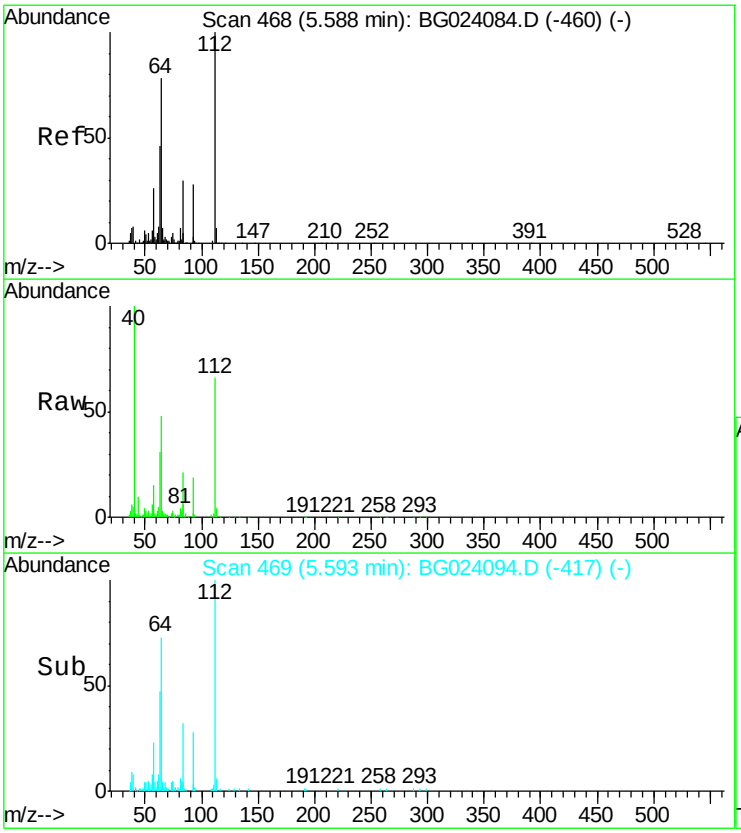
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.01 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:152 Resp: 35883

Ion	Ratio	Lower	Upper
152	100		
150	163.7	144.7	217.1
115	70.1	64.0	96.0

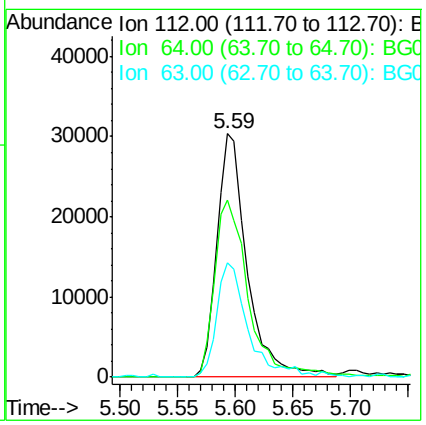


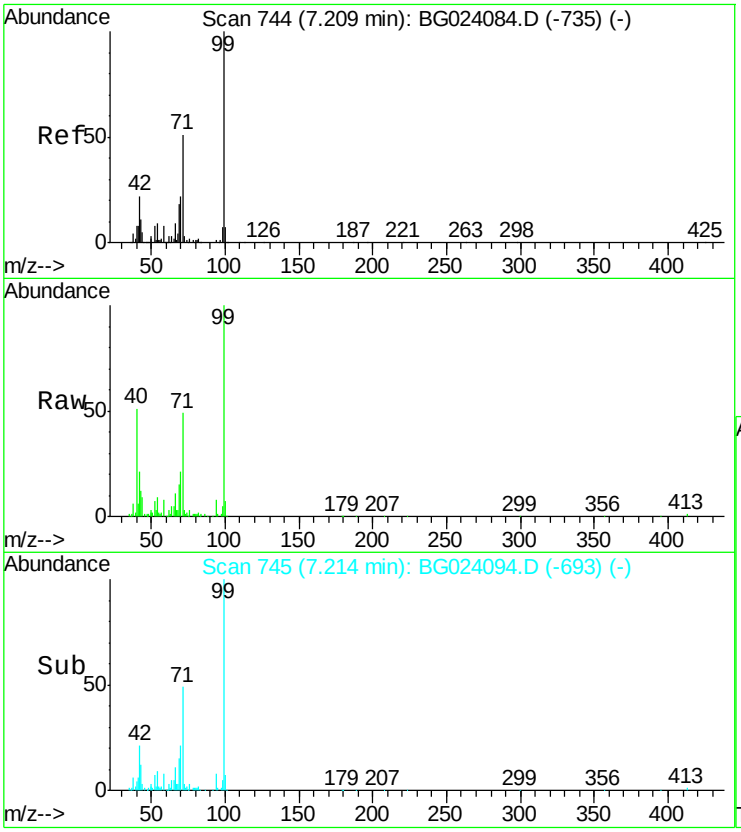


#5
2-Fluorophenol
Concen: 26.76 ng
RT: 5.59 min Scan# 469
Delta R.T. 0.01 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Tgt Ion:112 Resp: 55423

Ion	Ratio	Lower	Upper
112	100		
64	72.9	59.0	88.4
63	47.0	37.8	56.8



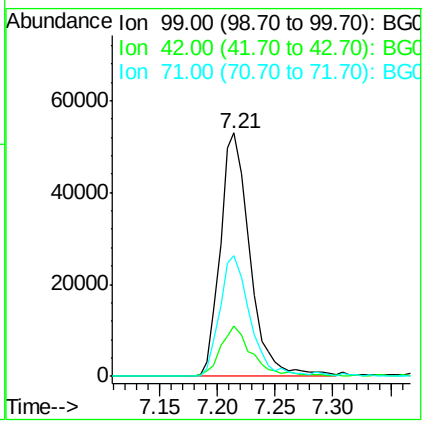


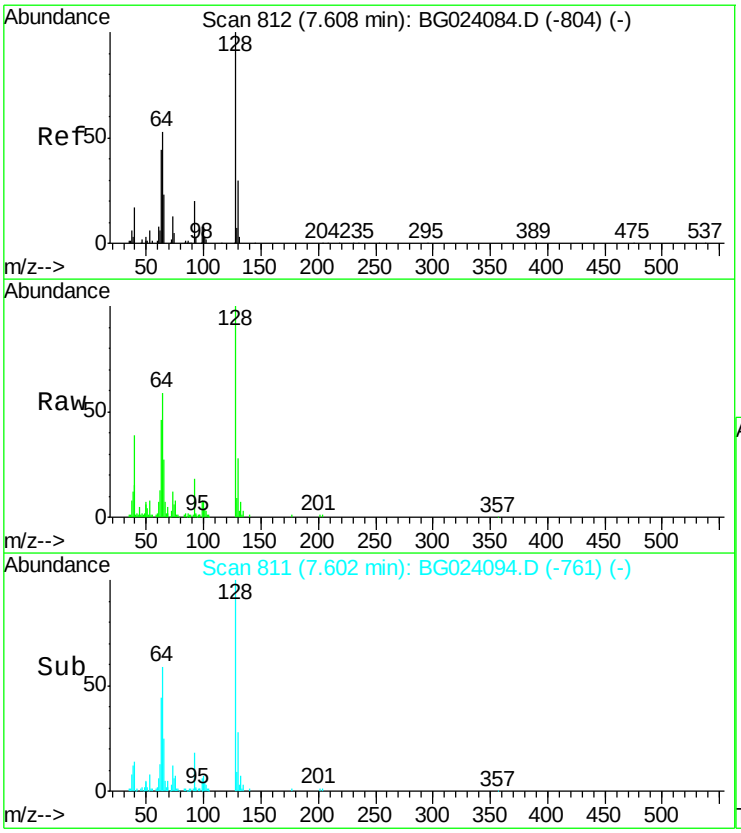
#7
Phenol-d6
Concen: 27.01 ng
RT: 7.21 min Scan# 745
Delta R.T. 0.01 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion: 99 Resp: 94137

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.8	26.6
71	49.4	41.5	62.3

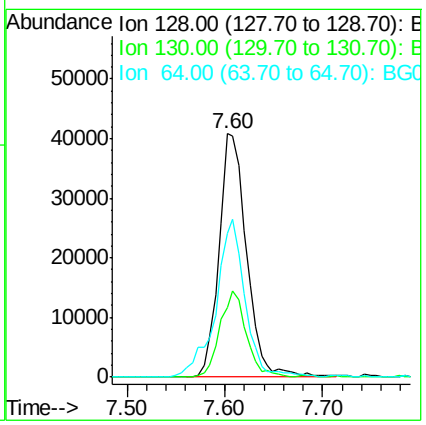


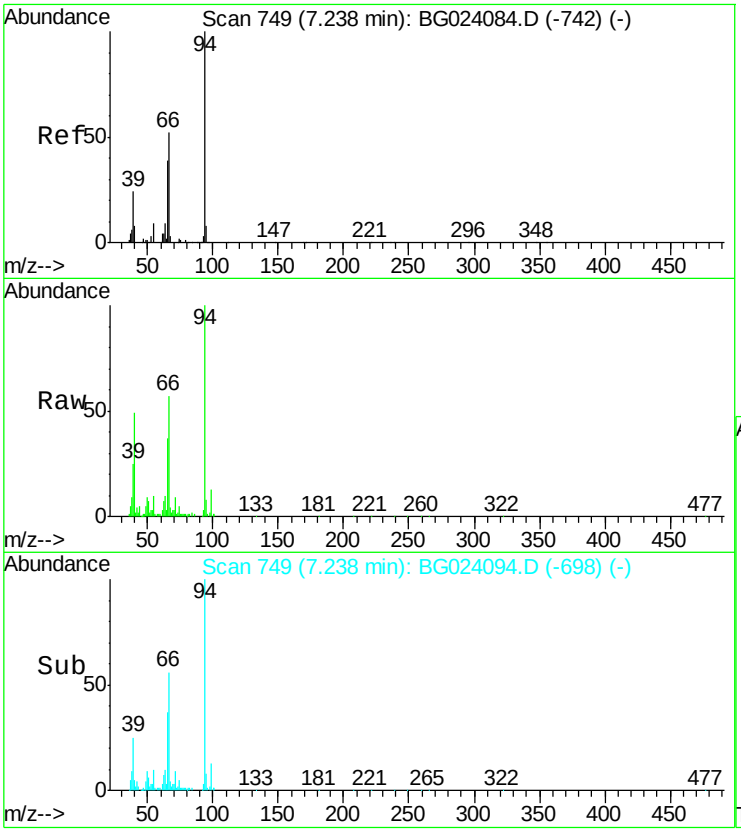


#8
2-Chlorophenol
Concen: 32.23 ng
RT: 7.60 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Tgt Ion:128 Resp: 79907

Ion	Ratio	Lower	Upper
128	100		
130	28.4	12.9	52.9
64	59.0	42.0	82.0



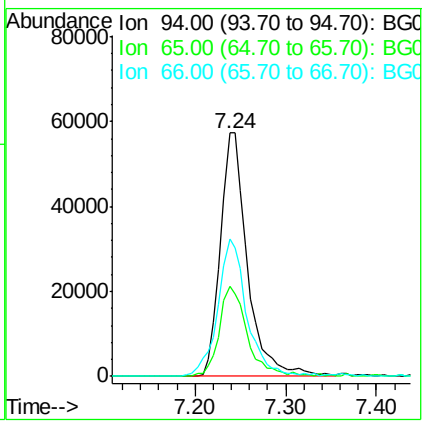


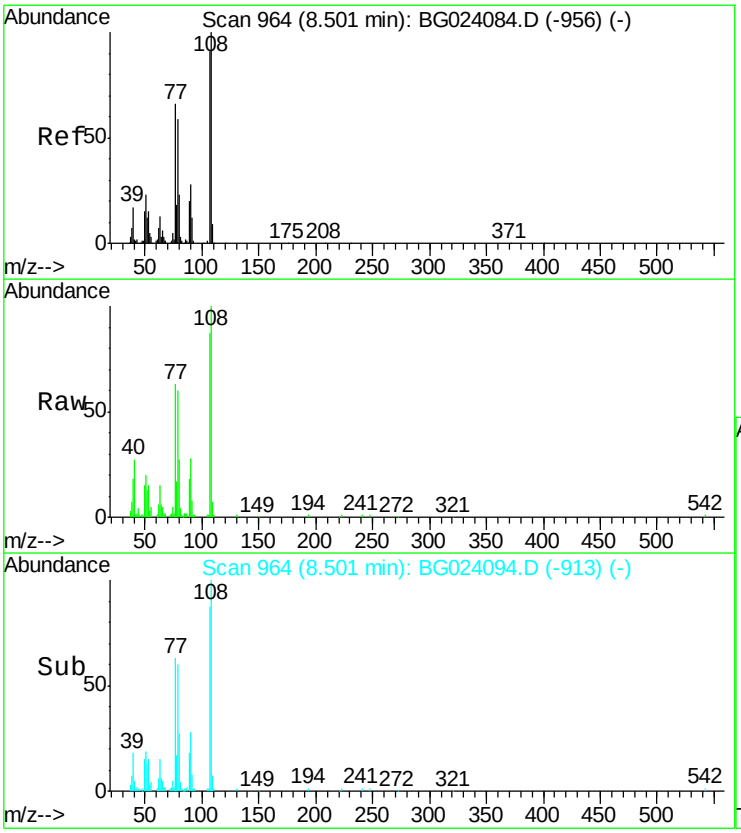
#10
Phenol
Concen: 32.30 ng
RT: 7.24 min Scan# 749
Delta R.T. -0.00 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion: 94 Resp: 118356

Ion	Ratio	Lower	Upper
94	100		
65	37.0	18.1	58.1
66	56.7	42.1	82.1

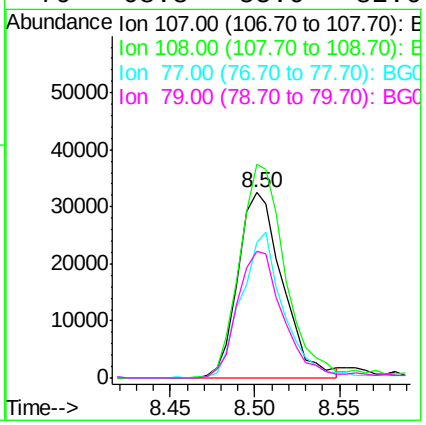


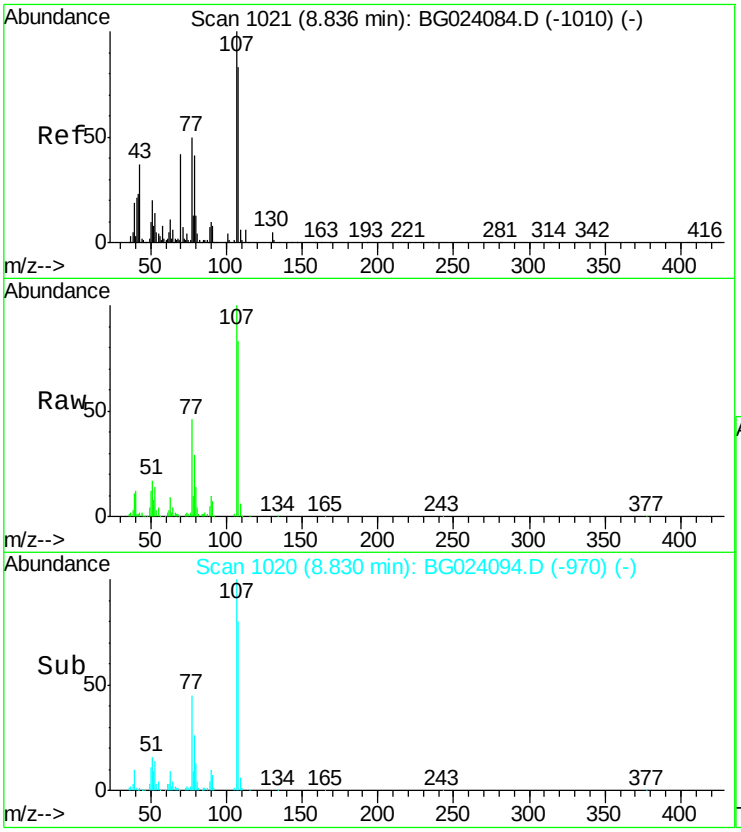


#17
2-Methylphenol
Concen: 24.53 ng
RT: 8.50 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Tgt Ion:107 Resp: 59760

Ion	Ratio	Lower	Upper
107	100		
108	115.3	92.0	138.0
77	73.0	55.8	83.6
79	68.8	55.0	82.6



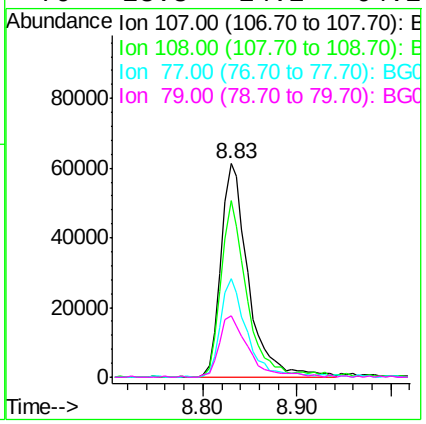


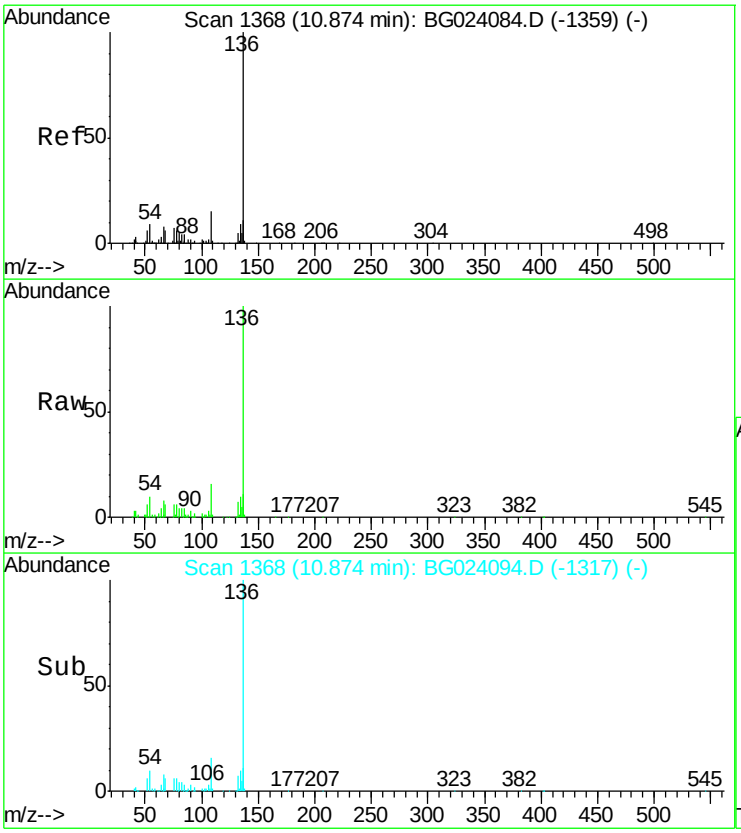
#20
3+4-Methylphenols
Concen: 35.28 ng
RT: 8.83 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:107 Resp: 124816

Ion	Ratio	Lower	Upper
107	100		
108	82.9	72.5	112.5
77	46.2	30.1	70.1
79	28.8	24.2	64.2

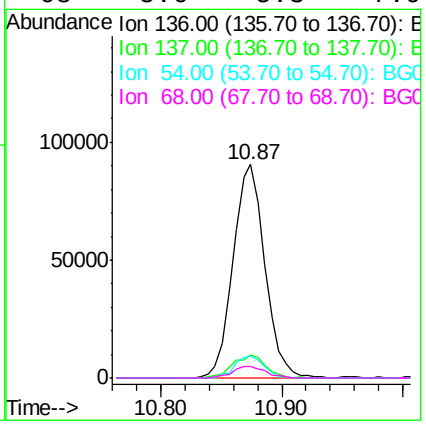


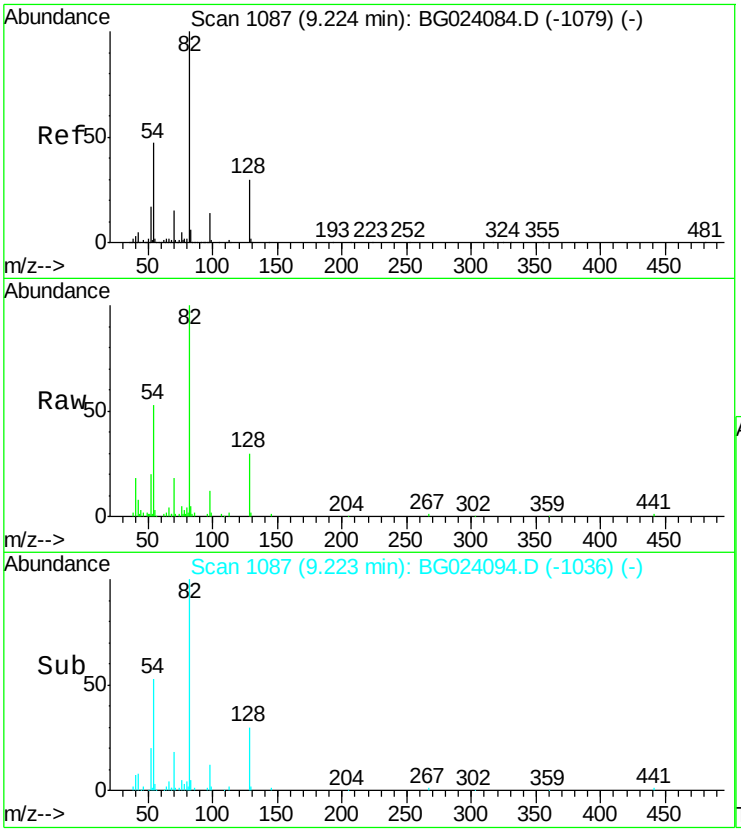


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Tgt Ion:136 Resp: 166187

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	10.5	7.3	10.9
68	5.6	5.3	7.9



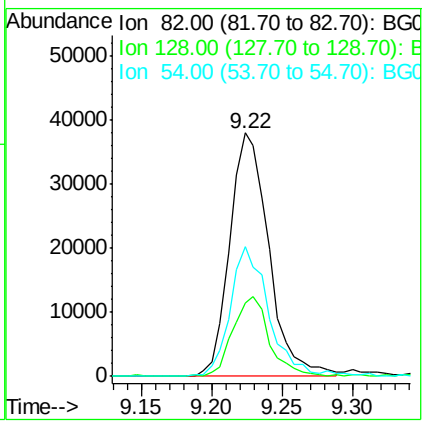


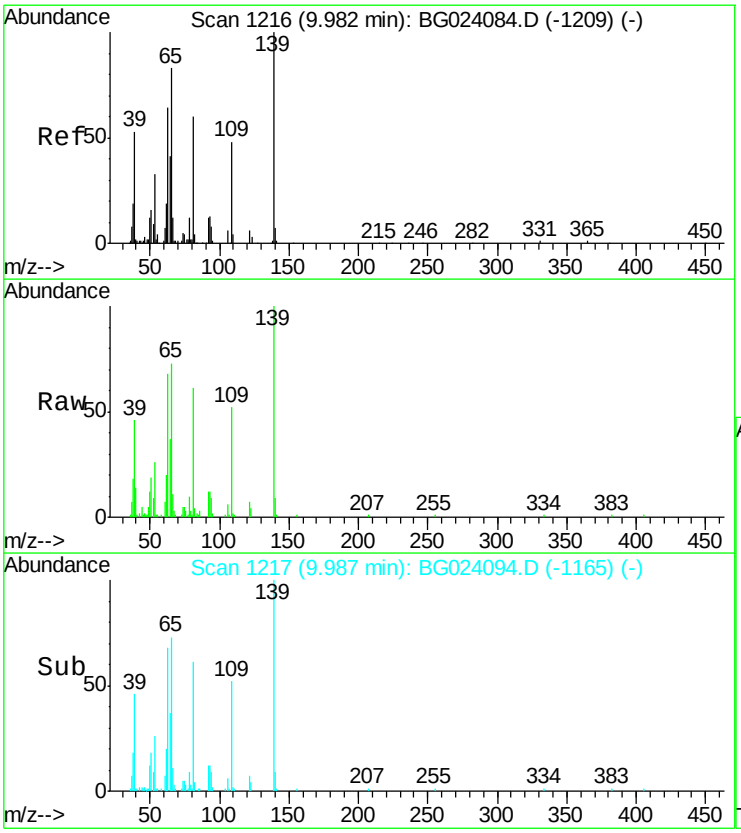
#23
Nitrobenzene-d5
Concen: 17.41 ng
RT: 9.22 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion: 82 Resp: 73406

Ion	Ratio	Lower	Upper
82	100		
128	30.0	24.4	36.6
54	53.3	41.4	62.0

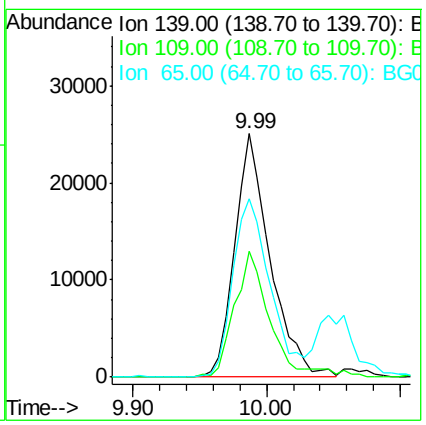


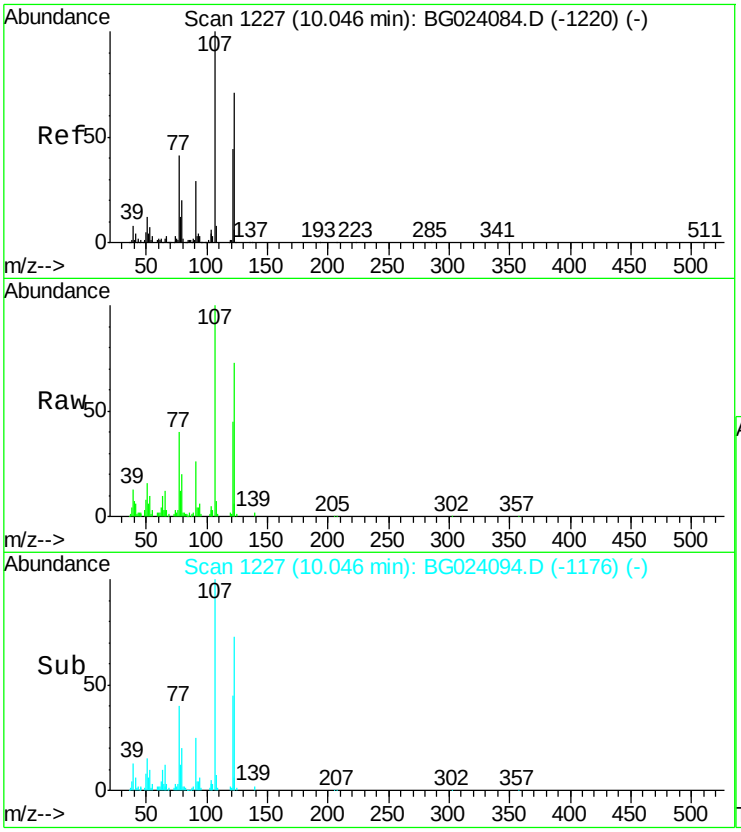


#26
2-Nitrophenol
Concen: 28.76 ng
RT: 9.99 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Tgt Ion:139 Resp: 46102

Ion	Ratio	Lower	Upper
139	100		
109	51.6	43.5	65.3
65	73.1	64.3	96.5



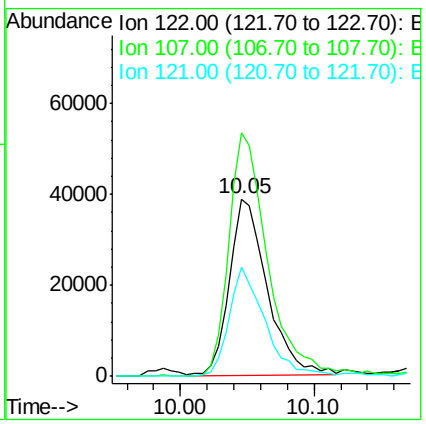


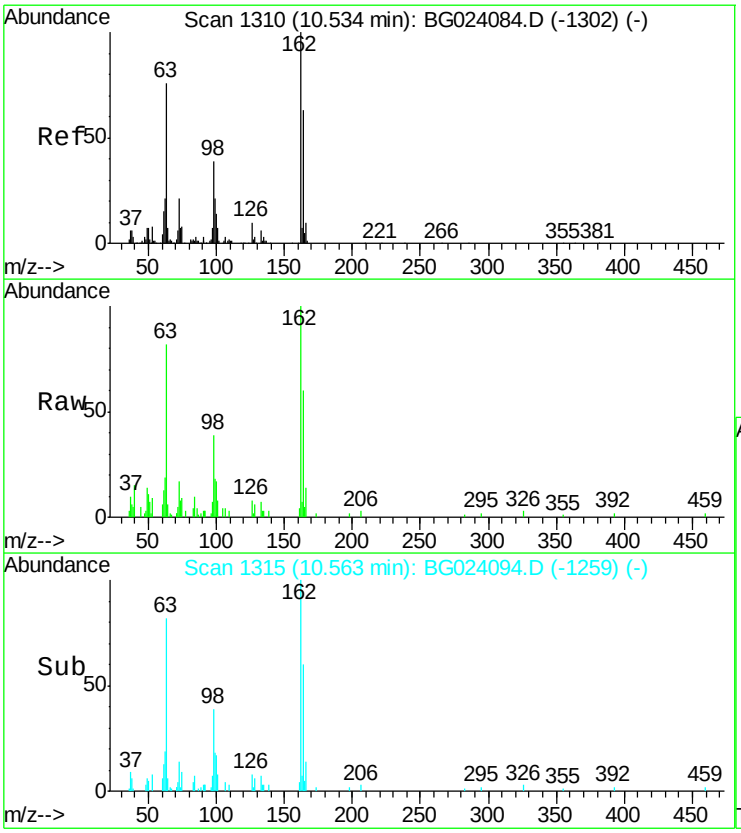
#27
2,4-Dimethylphenol
Concen: 28.58 ng
RT: 10.05 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:122 Resp: 76611

Ion	Ratio	Lower	Upper
122	100		
107	137.5	117.0	175.4
121	61.9	50.1	75.1

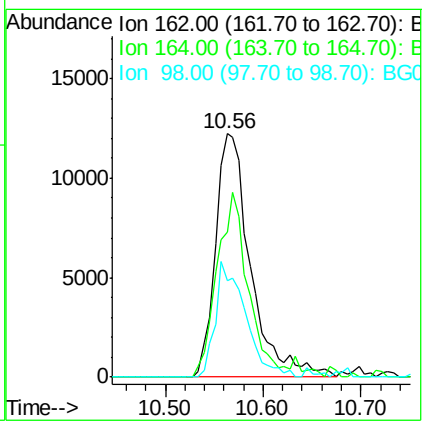


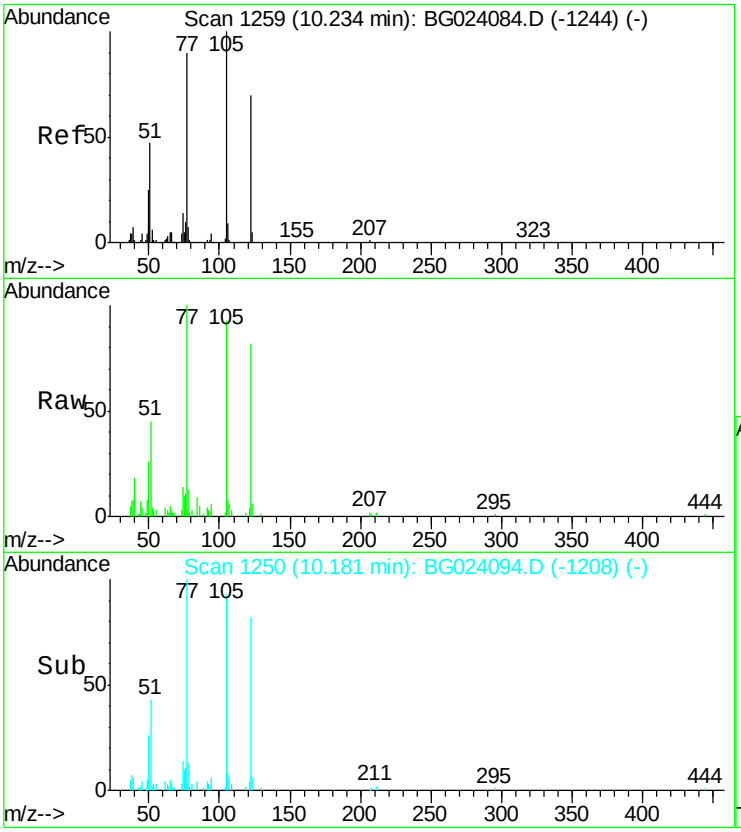


#29
2,4-Dichlorophenol
Concen: 10.87 ng
RT: 10.56 min Scan# 1315
Delta R.T. 0.03 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Tgt Ion:162 Resp: 30335

Ion	Ratio	Lower	Upper
162	100		
164	59.7	44.3	84.3
98	39.4	19.5	59.5



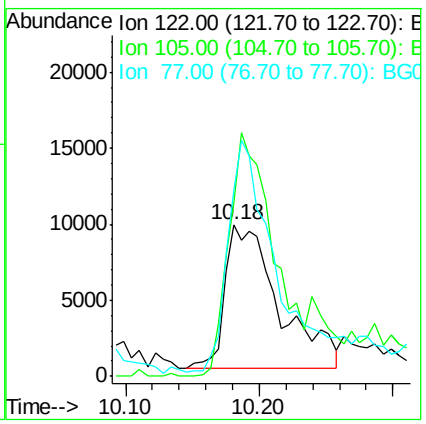


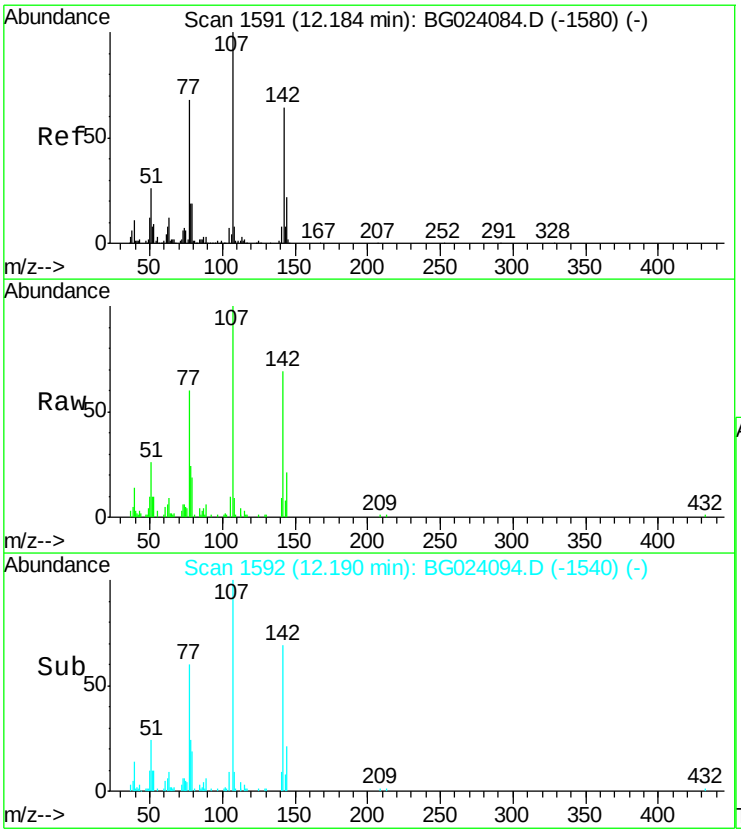
#32
Benzoic acid
Concen: 15.41 ng
RT: 10.18 min Scan# 1250
Delta R.T. -0.05 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:122 Resp: 26520

Ion	Ratio	Lower	Upper
122	100		
105	114.0	117.2	157.2#
77	122.6	109.2	149.2

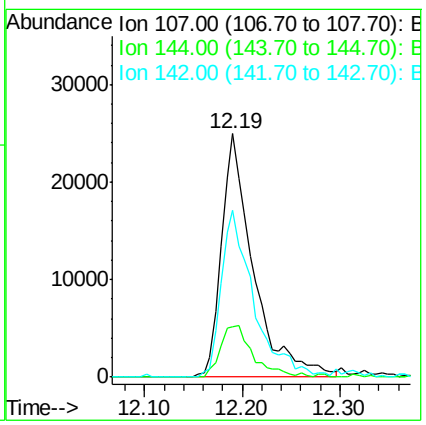


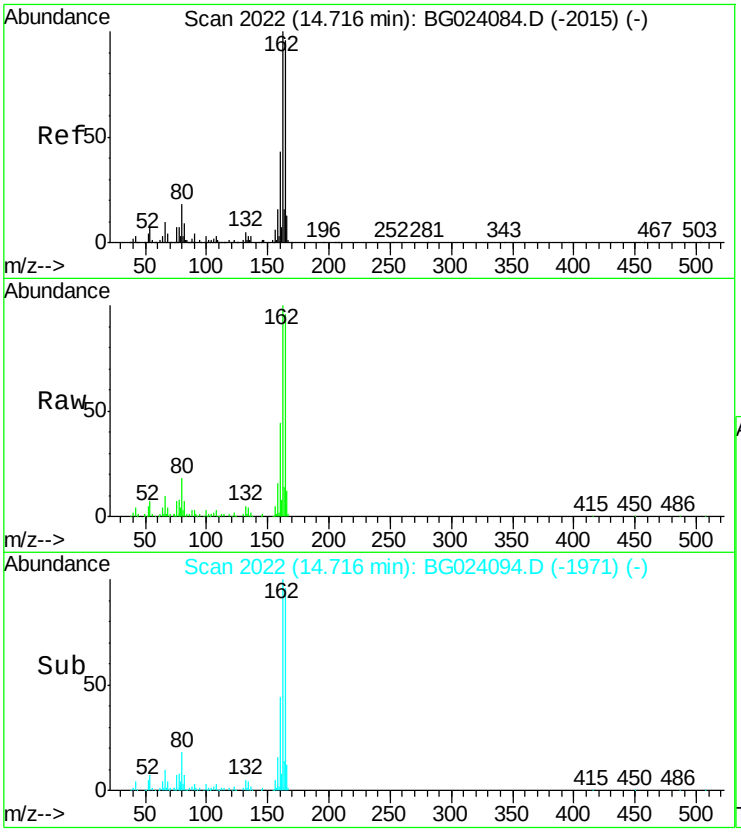


#36
4-Chloro-3-methylphenol
Concen: 14.34 ng
RT: 12.19 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Tgt Ion:107 Resp: 56314

Ion	Ratio	Lower	Upper
107	100		
144	20.9	17.0	25.6
142	68.6	53.0	79.6



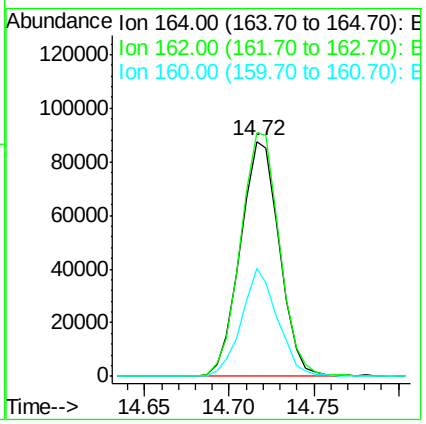


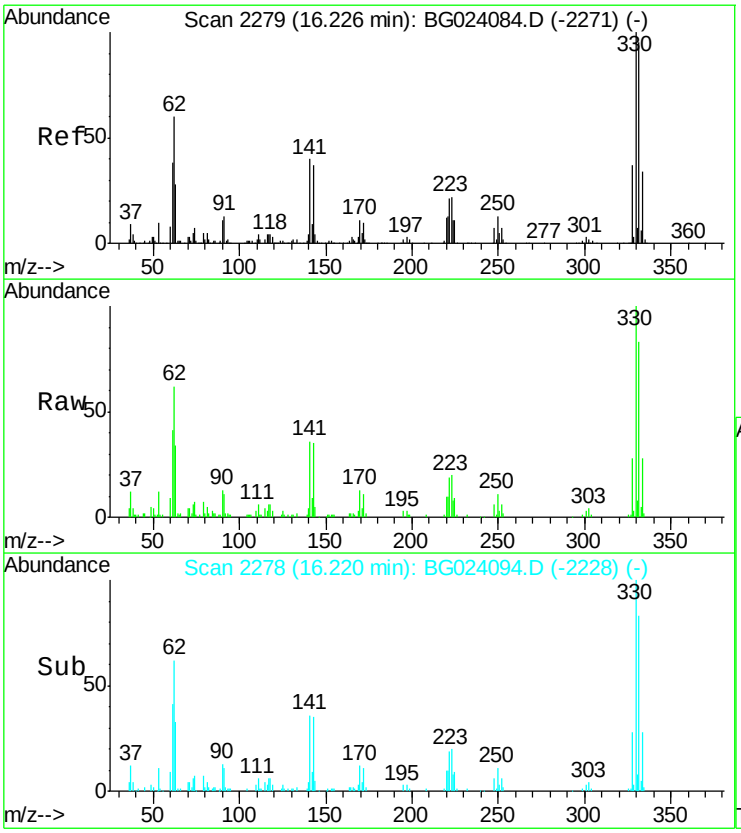
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:164 Resp: 140923

Ion	Ratio	Lower	Upper
164	100		
162	103.8	87.7	131.5
160	45.9	37.2	55.8

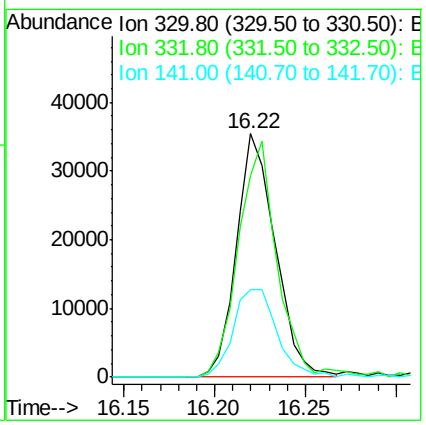


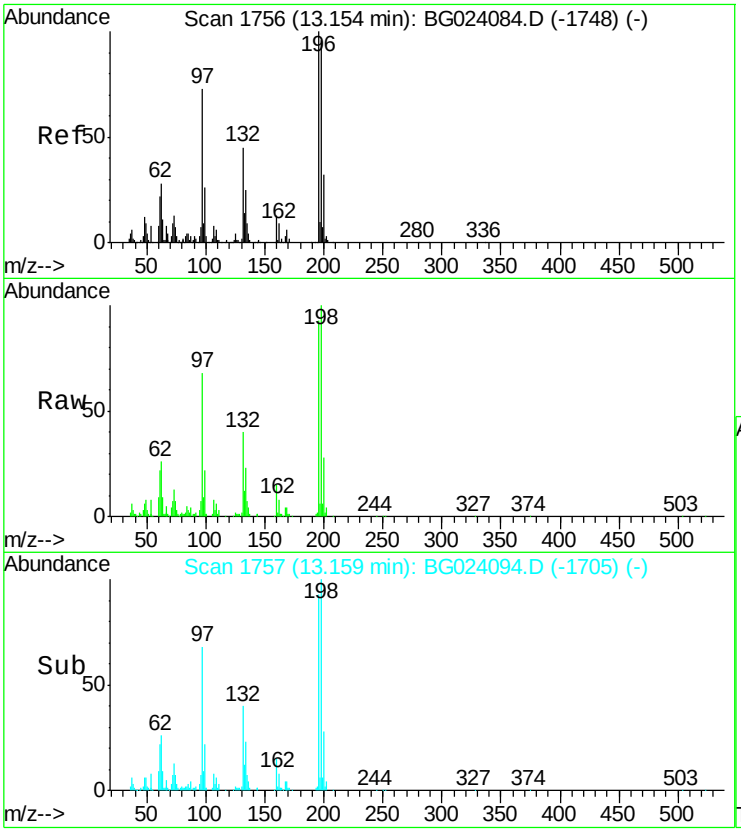


#41
2,4,6-Tribromophenol
Concen: 26.06 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Tgt Ion:330 Resp: 52792

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	41.1	31.7	47.5



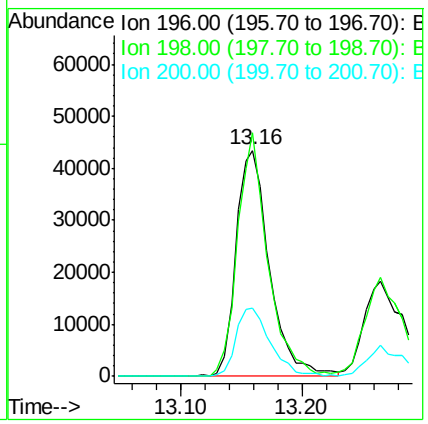


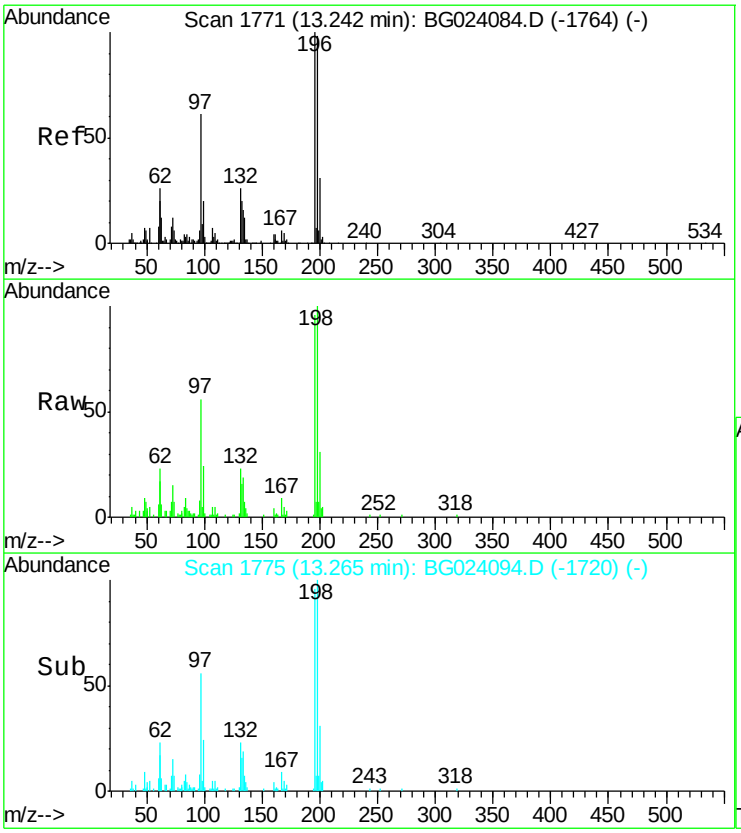
#42
2,4,6-Trichlorophenol
Concen: 31.42 ng
RT: 13.16 min Scan# 1757
Delta R.T. 0.01 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:196 Resp: 83614

Ion	Ratio	Lower	Upper
196	100		
198	107.8	78.2	117.2
200	30.0	27.0	40.4

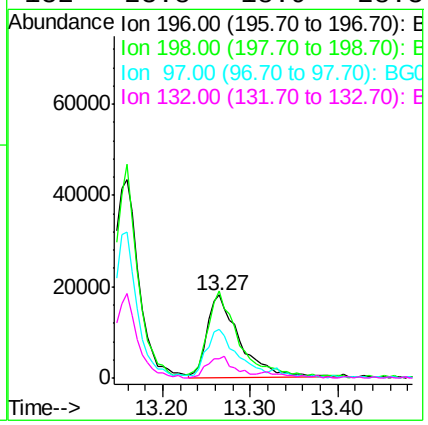


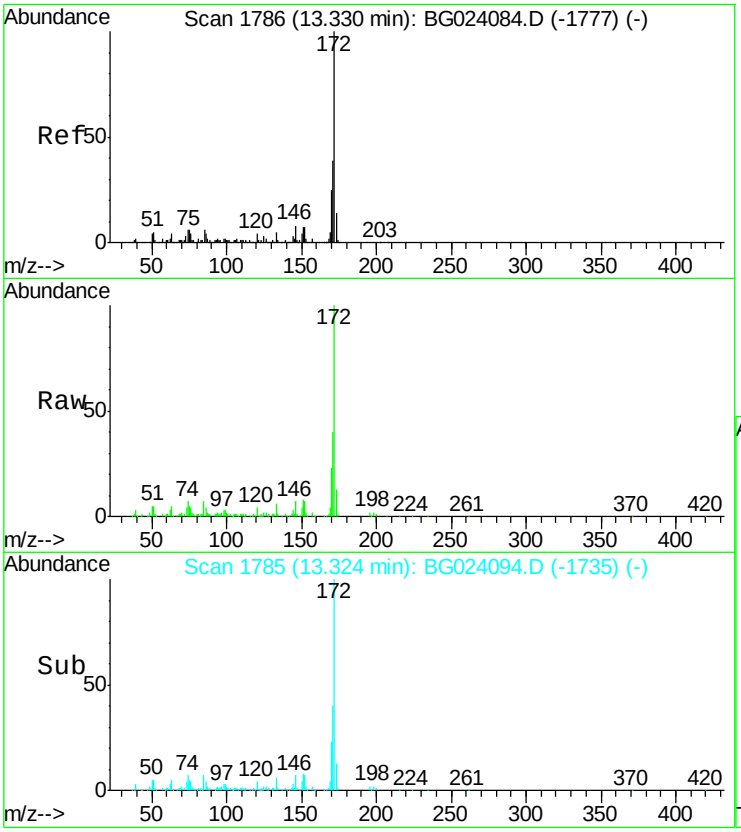


#43
2,4,5-Trichlorophenol
Concen: 16.97 ng
RT: 13.27 min Scan# 1775
Delta R.T. 0.02 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Tgt Ion:196 Resp: 46462

Ion	Ratio	Lower	Upper
196	100		
198	104.4	85.7	128.5
97	58.8	45.5	68.3
132	23.8	18.9	28.3



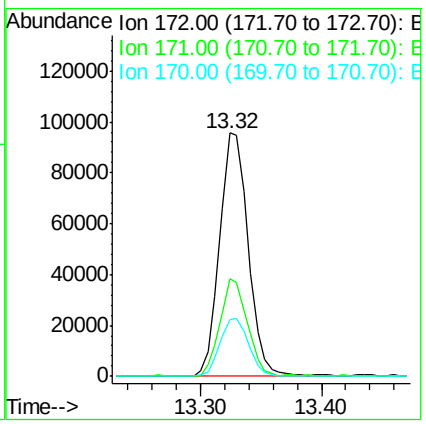


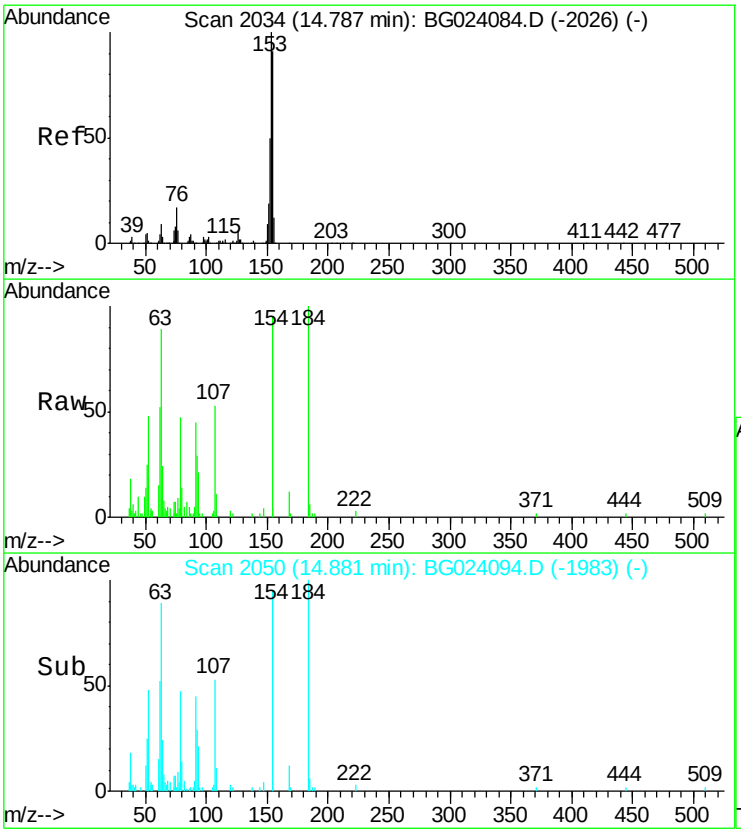
#44
2-Fluorobiphenyl
Concen: 18.72 ng
RT: 13.32 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:172 Resp: 156931

Ion	Ratio	Lower	Upper
172	100		
171	40.3	31.6	47.4
170	23.2	21.3	31.9

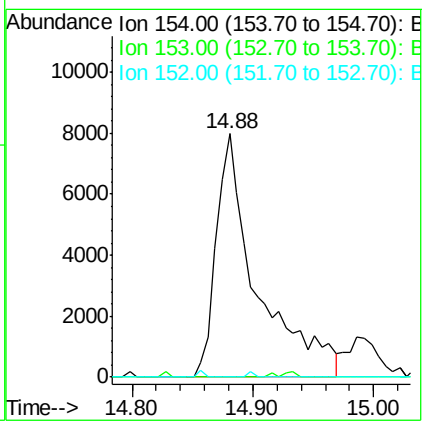


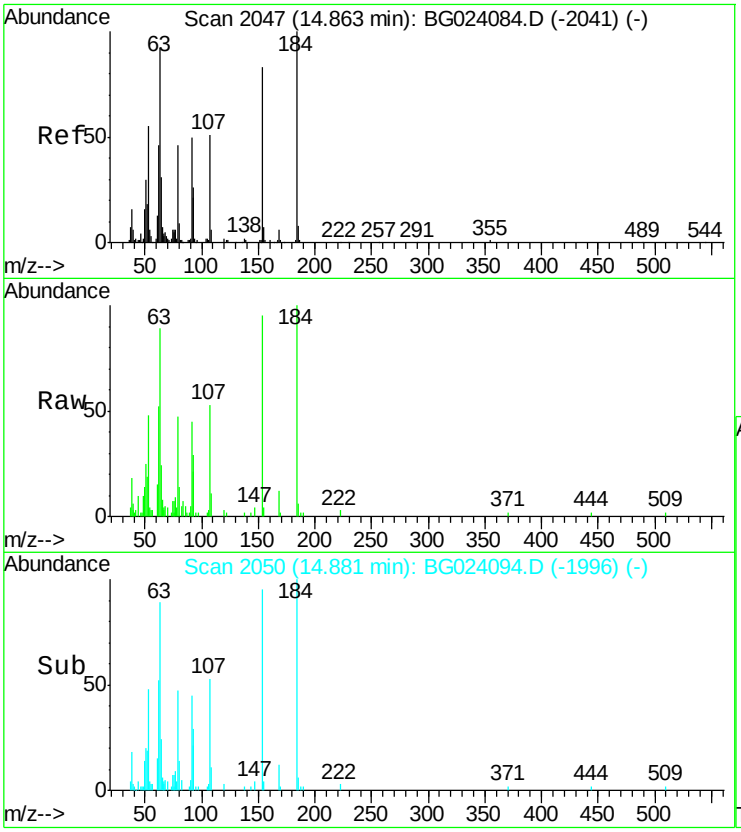


#51
Acenaphthene
Concen: 2.51 ng
RT: 14.88 min Scan# 2050
Delta R.T. 0.09 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Tgt Ion:154 Resp: 18580

Ion	Ratio	Lower	Upper
154	100		
153	0.0	87.5	131.3#
152	0.0	42.7	64.1#



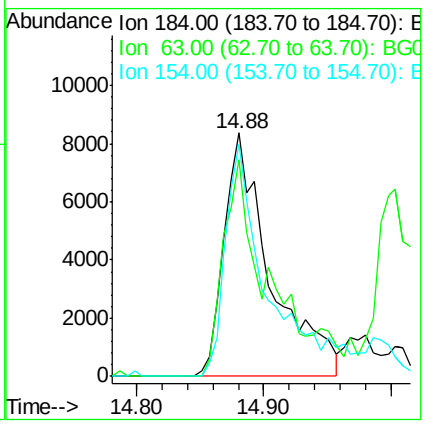


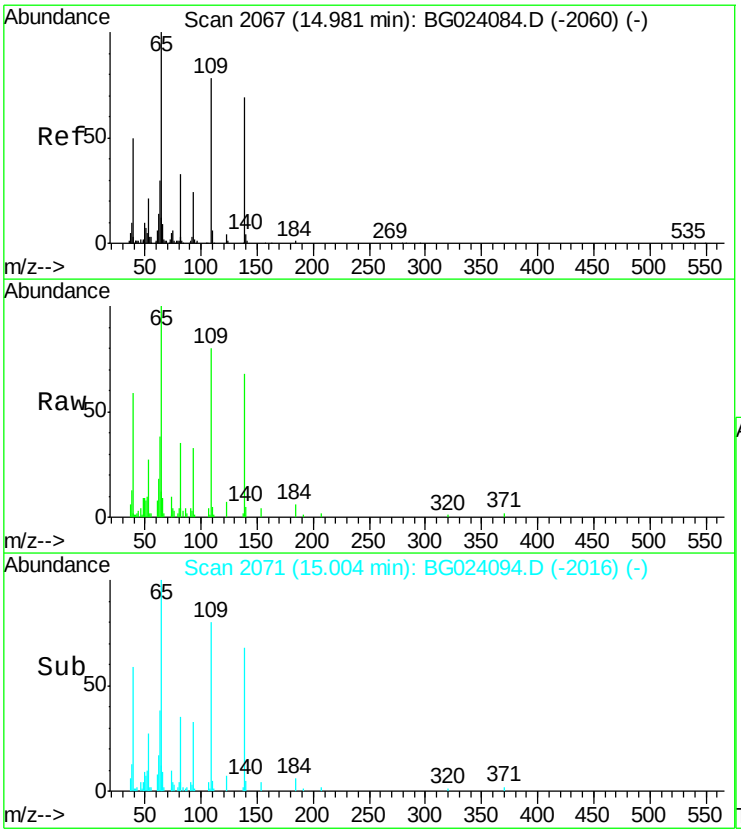
#53
2,4-Dinitrophenol
Concen: 18.41 ng
RT: 14.88 min Scan# 2050
Delta R.T. 0.02 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:184 Resp: 21055

Ion	Ratio	Lower	Upper
184	100		
63	89.1	59.6	89.4
154	95.4	67.4	101.0

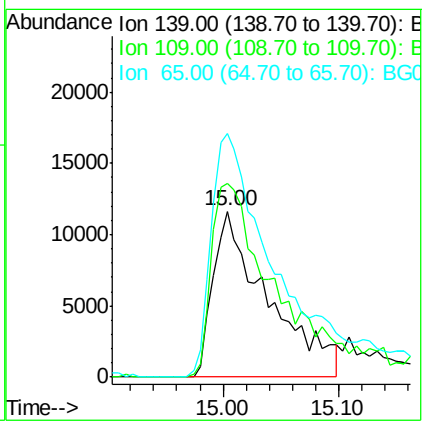


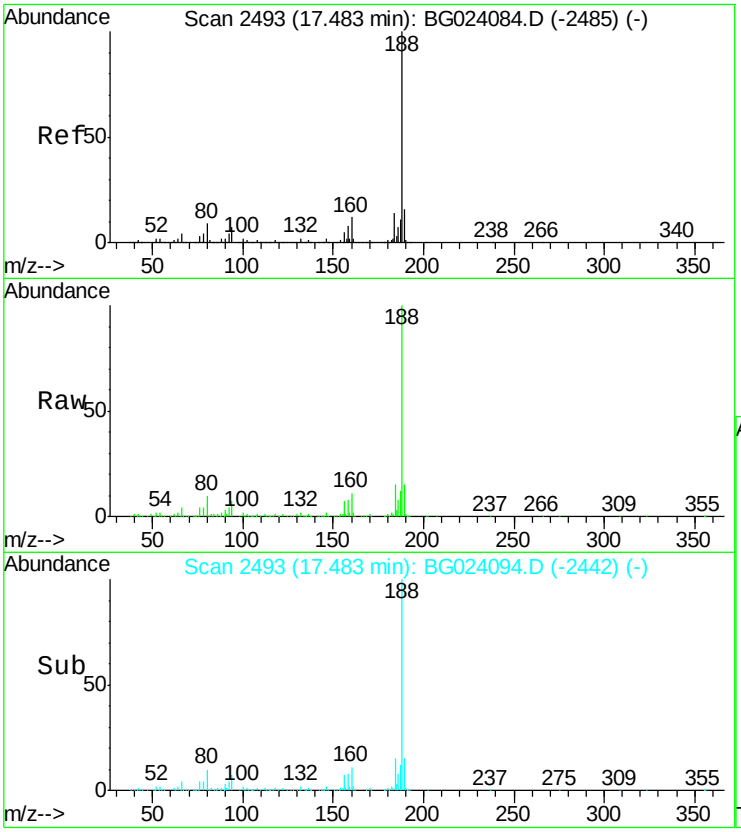


#55
4-Nitrophenol
Concen: 25.21 ng
RT: 15.00 min Scan# 2071
Delta R.T. 0.02 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Tgt Ion:139 Resp: 38337

Ion	Ratio	Lower	Upper
139	100		
109	117.1	103.0	143.0
65	147.1	112.7	152.7



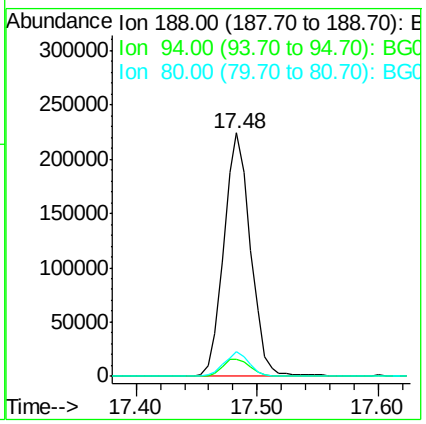


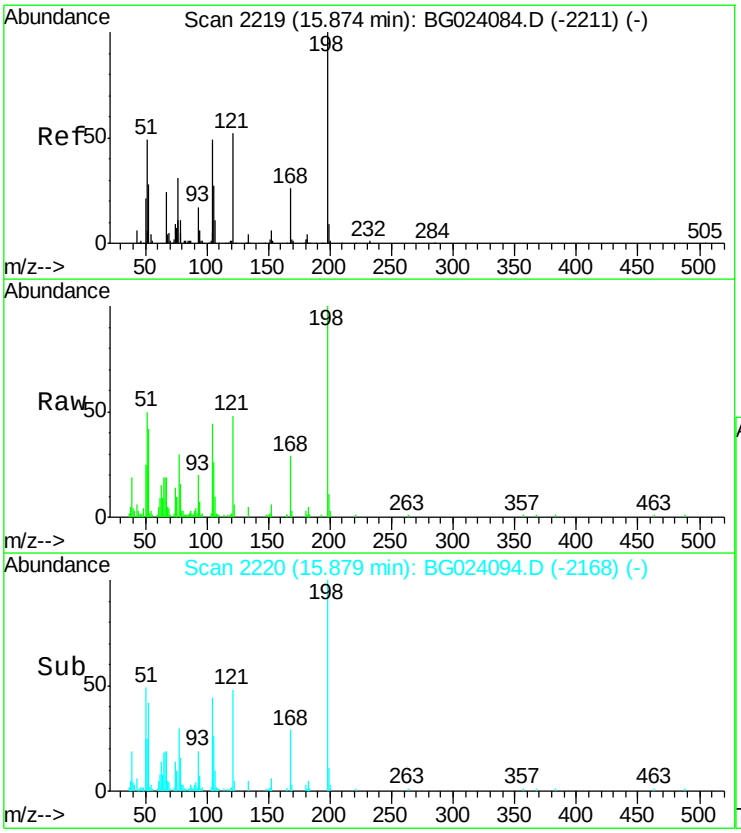
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:188 Resp: 342257

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.2	7.8
80	10.1	7.2	10.8

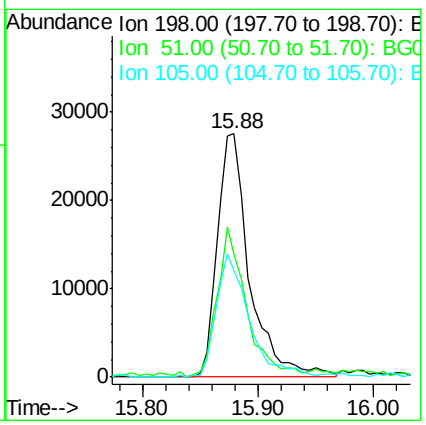


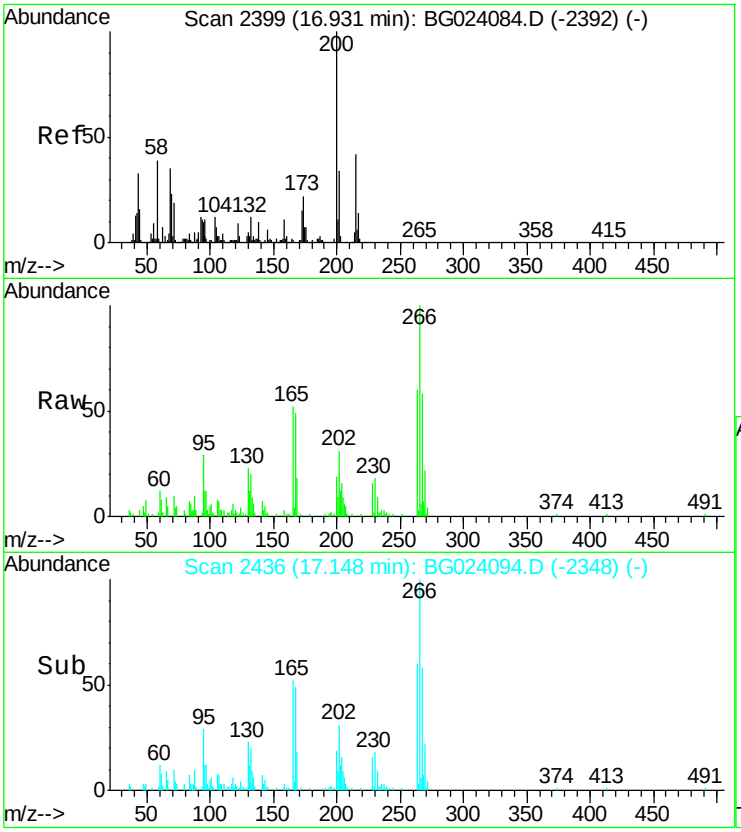


#64
4,6-Dinitro-2-methylphenol
Concen: 22.37 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Tgt Ion:198 Resp: 53161

Ion	Ratio	Lower	Upper
198	100		
51	50.5	26.0	66.0
105	44.0	20.1	60.1



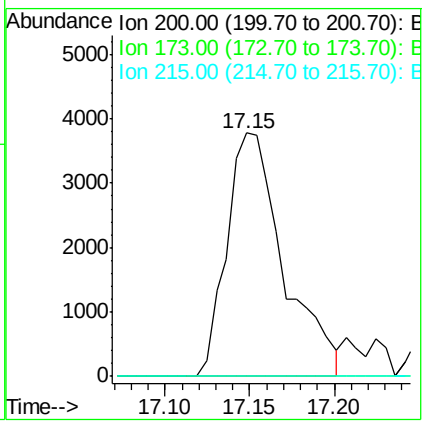


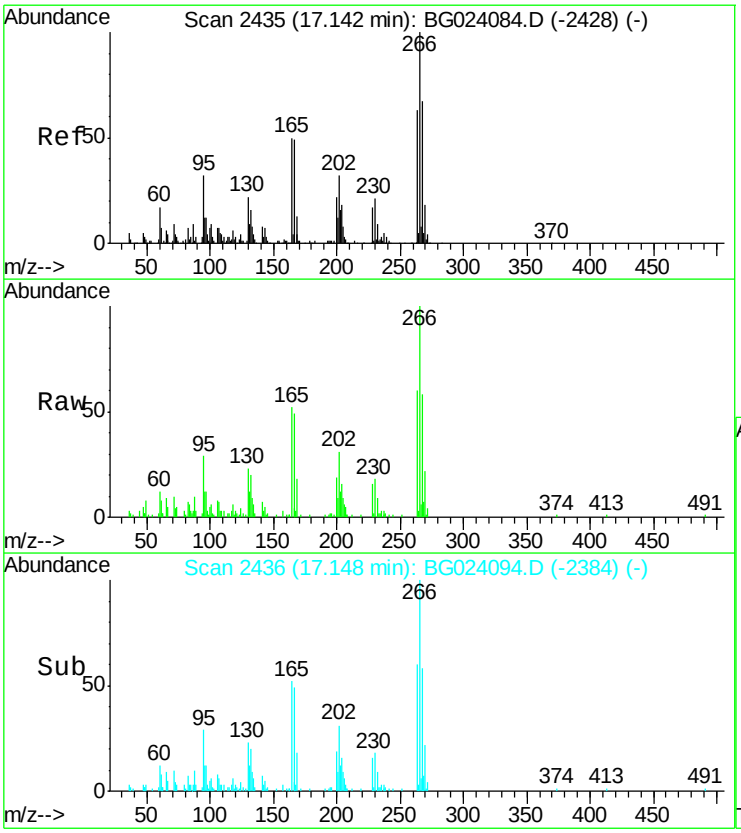
#68
Atrazine
Concen: 2.13 ng
RT: 17.15 min Scan# 2436
Delta R.T. 0.22 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:200 Resp: 8824

Ion	Ratio	Lower	Upper
200	100		
173	0.0	1.6	41.6#
215	0.0	28.7	68.7#

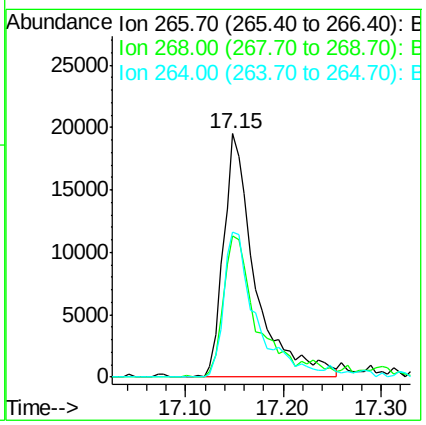


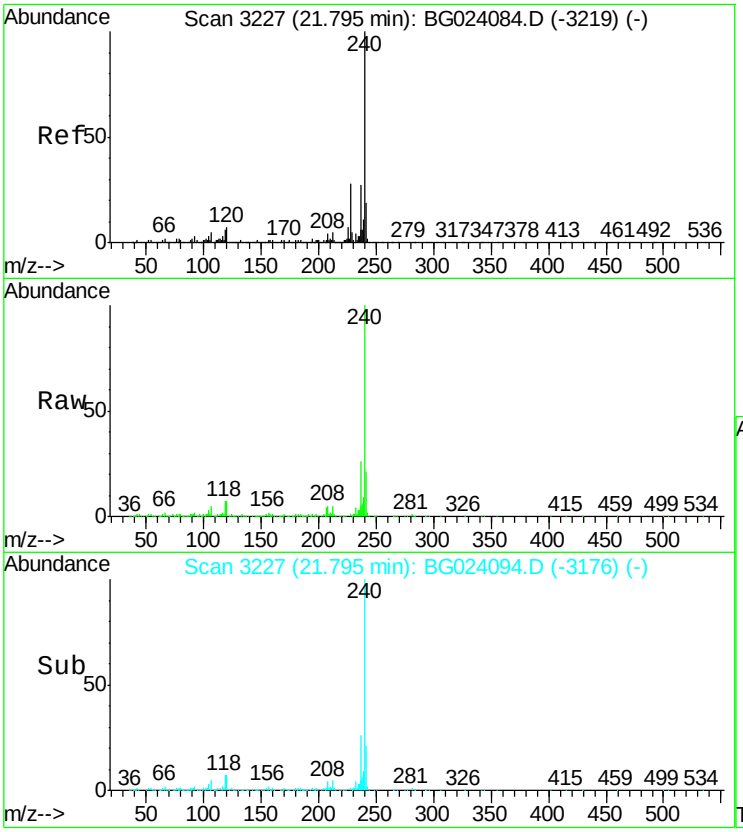


#69
Pentachlorophenol
Concen: 21.64 ng
RT: 17.15 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Tgt Ion:266 Resp: 43866

Ion	Ratio	Lower	Upper
266	100		
268	58.1	51.9	77.9
264	59.5	50.6	75.8



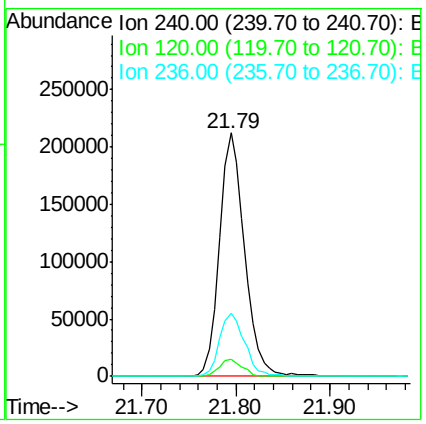


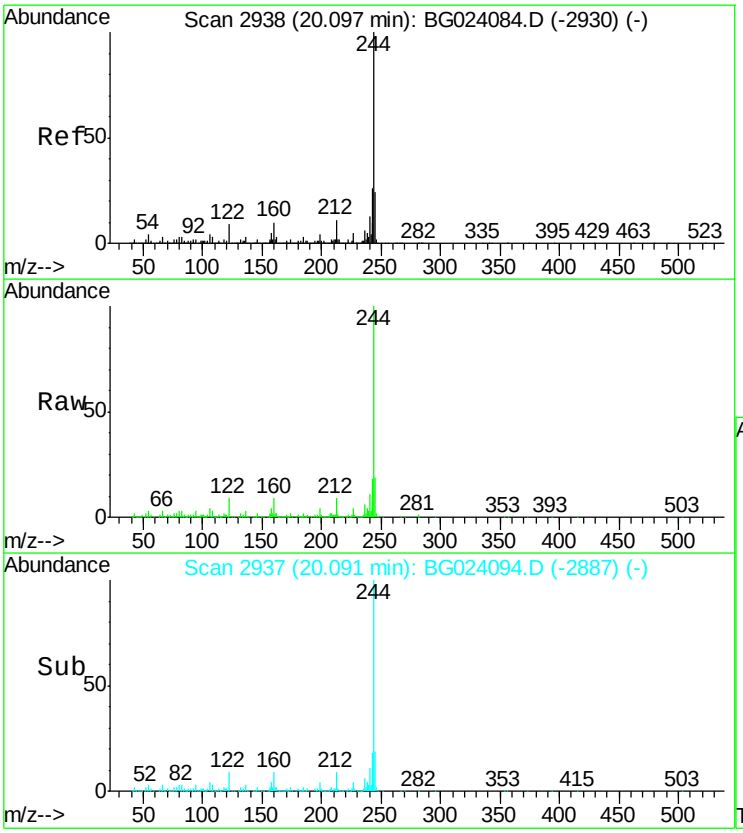
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3227
Delta R.T. -0.00 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:240 Resp: 394721

Ion	Ratio	Lower	Upper
240	100		
120	7.0	4.1	6.1#
236	25.7	21.1	31.7

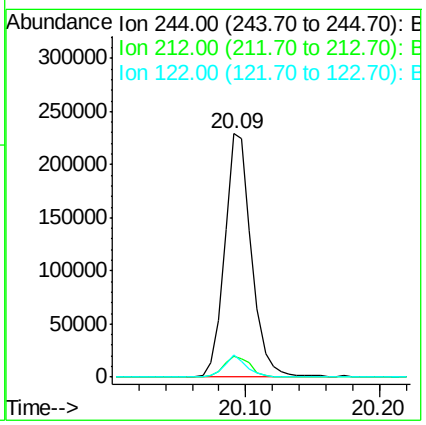


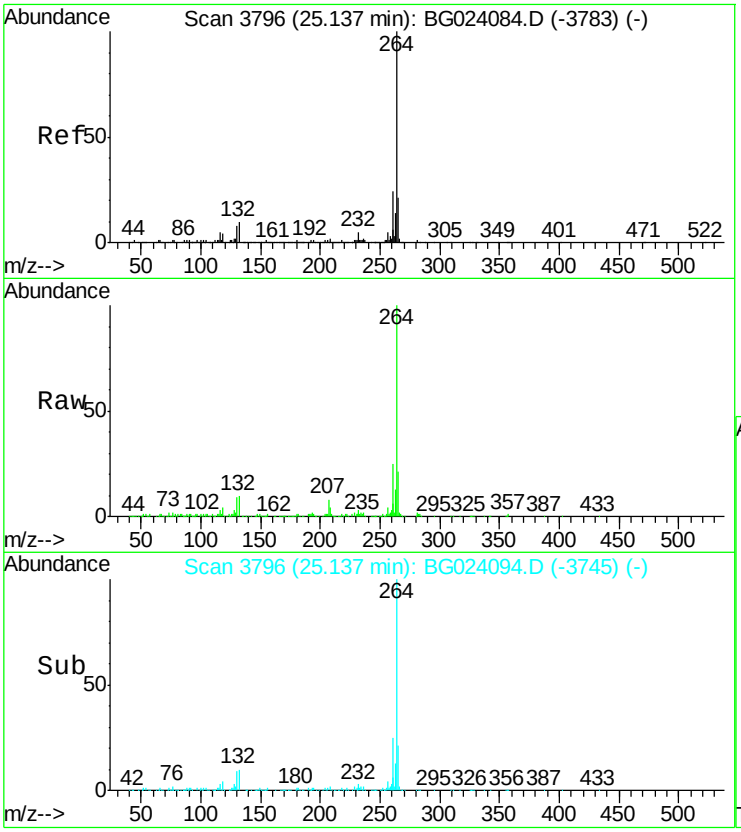


#78
Terphenyl-d14
Concen: 16.65 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Tgt Ion:244 Resp: 320975

Ion	Ratio	Lower	Upper
244	100		
212	8.6	10.8	16.2#
122	9.0	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.14 min Scan# 3796
Delta R.T. -0.00 min
Lab File: BG024094.D
Acq: 23 Sep 2016 19:25

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:264 Resp: 367924

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.4	27.6
265	21.1	18.9	28.3