Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121317\
Data File : BG031531.D
Acq On : 13 Dec 2017 17:14
Operator : SJ/JU
Sample : I6786-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 13 18:09:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51035	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	237081	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	177039	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	450528	20.00	ng		0.00
75) Chrysene-d12	21.74	240	513312	20.00	ng		0.00
86) Perylene-d12	25.03	264	513381	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	187707	65.19	ng		0.00
7) Phenol-d6	7.28	99	181912	45.51	ng		0.00
23) Nitrobenzene-d5	9.28	82	323384	84.07	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	248520	119.82	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1022066	84.74	ng		0.00
78) Terphenyl-d14	20.06	244	1765230	78.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	7248	5.276	ng	#	81
10) Phenol	7.30	94	24436	5.951	ng		94
18) Hexachloroethane	9.29	117	4687	3.503	ng	#	1
27) 2,4-Dimethylphenol	10.09	122	74462	25.150	ng		95
31) Naphthalene	10.97	128	394880	33.904	ng		97
32) Benzoic acid	10.40	122	61544	38.810	ng	#	6
33) 4-Chloroaniline	10.97	127	54013	10.681	ng	#	27
53) 2,4-Dinitrophenol	14.82	184	183	9.175	ng	#	1
55) 4-Nitrophenol	15.00	139	1459	4.189	ng	#	81
59) Diethylphthalate	15.53	149	294001	20.011	ng		98
62) Azobenzene	16.07	77	42606	3.501	ng	#	1
64) 4,6-Dinitro-2-methylphenol	15.91	198	850	5.189	ng	#	1
69) Pentachlorophenol	17.14	266	452	5.823	ng		91
72) Carbazole	17.88	167	235656	11.190	ng		97

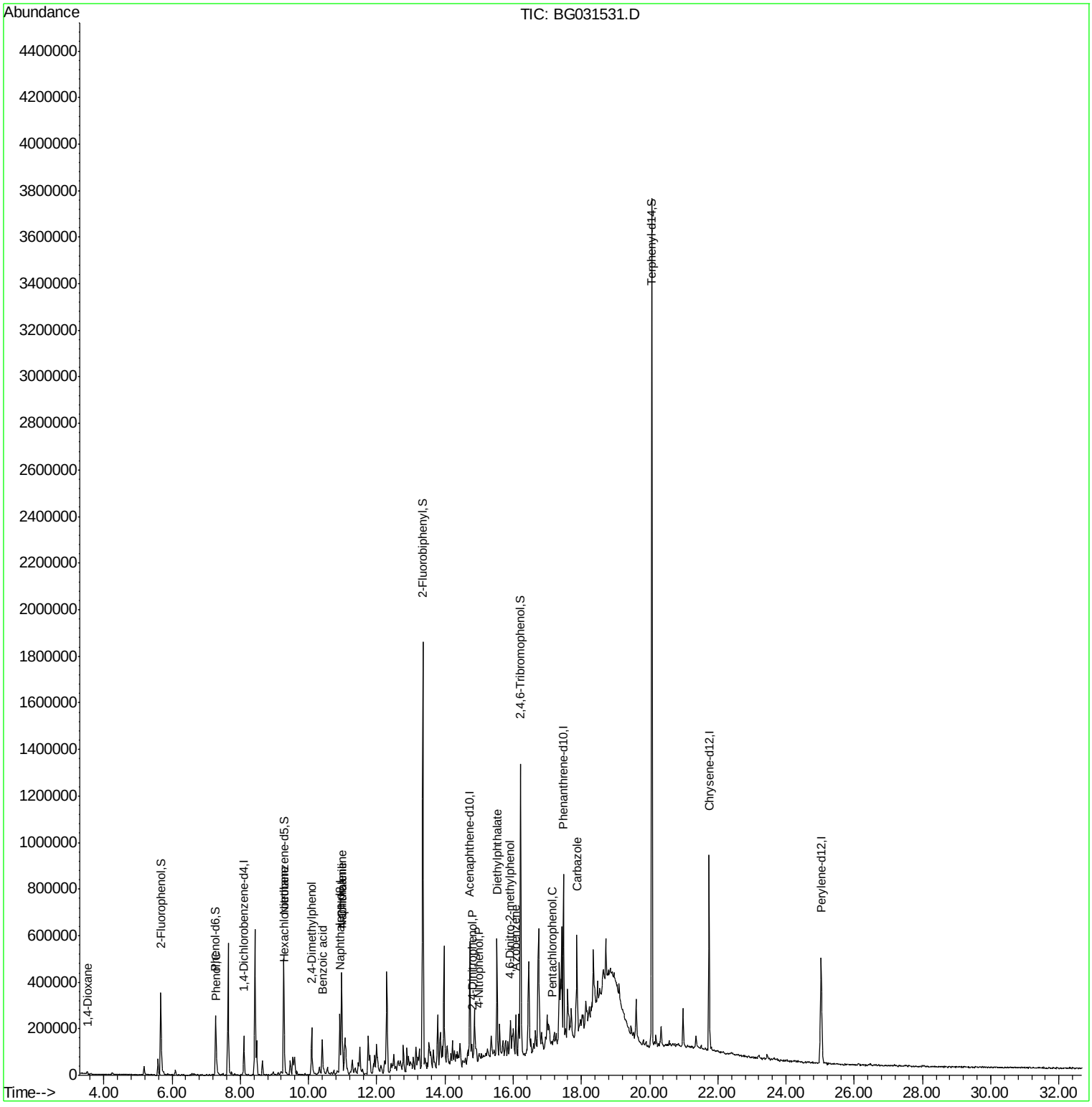
(#) = qualifier out of range (m) = manual integration (+) = signals summed

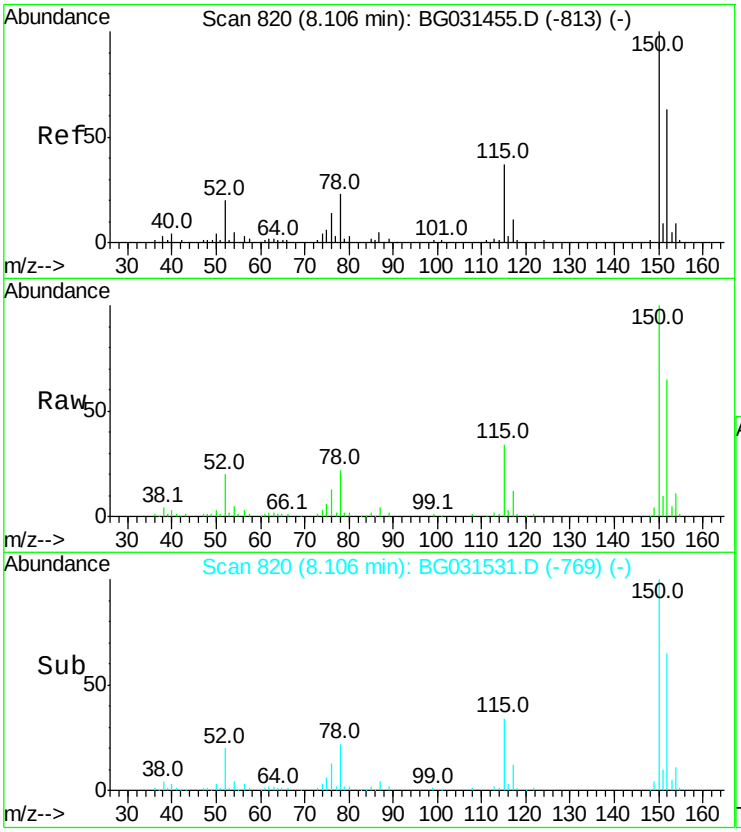
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121317\
Data File : BG031531.D
Acq On : 13 Dec 2017 17:14
Operator : SJ/JU
Sample : I6786-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 13 18:09:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration



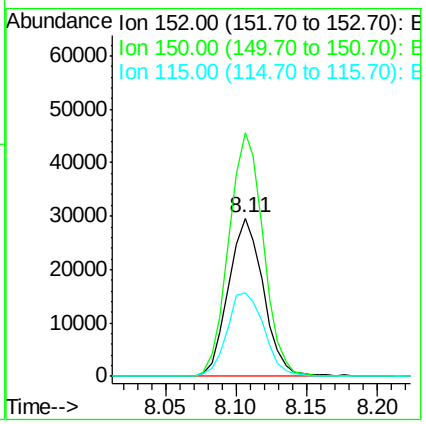


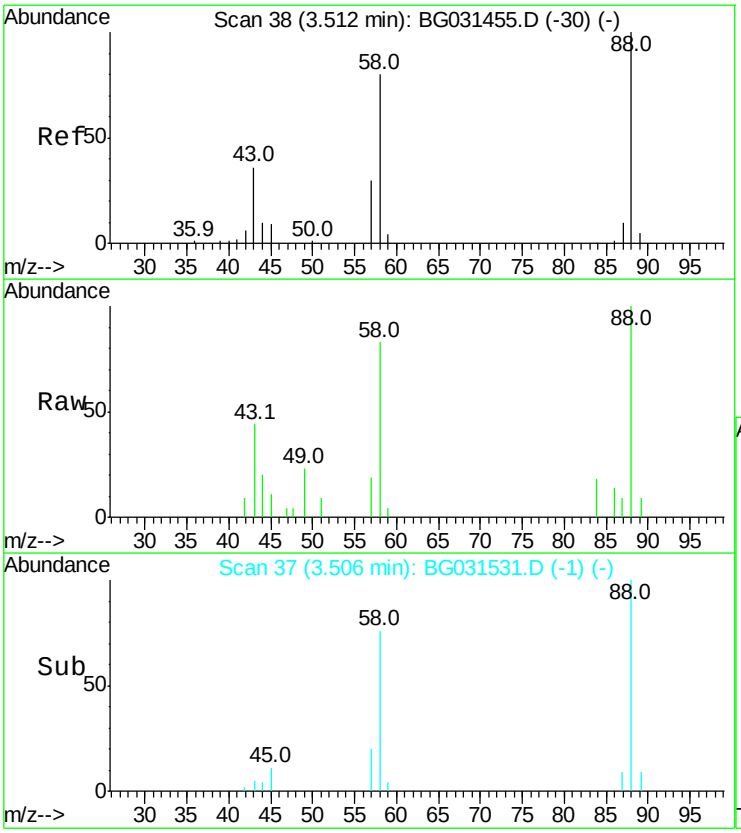
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 51035

Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.6	189.8
115	52.8	53.0	79.4#

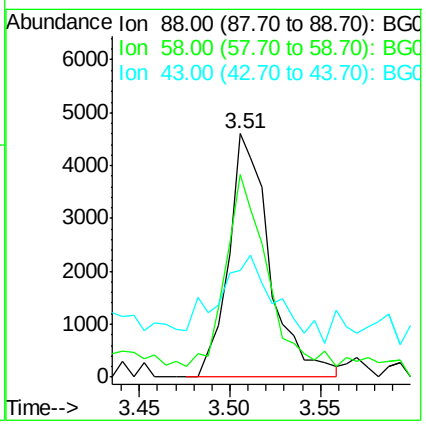


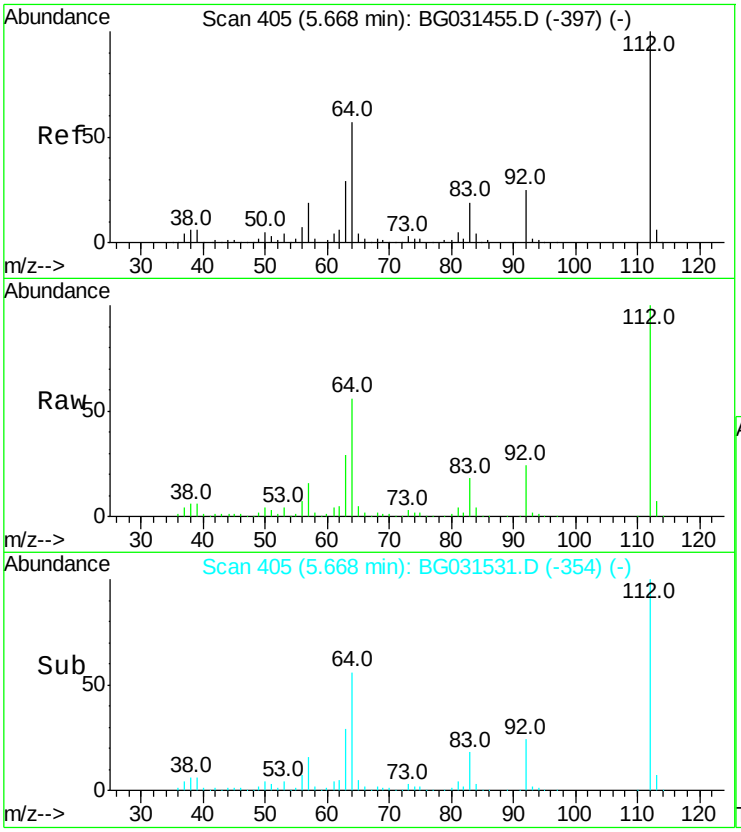


#2
1,4-Dioxane
Concen: 5.276 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.01 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion: 88 Resp: 7248

Ion	Ratio	Lower	Upper
88	100		
58	77.1	79.6	119.4#
43	38.8	27.4	41.0



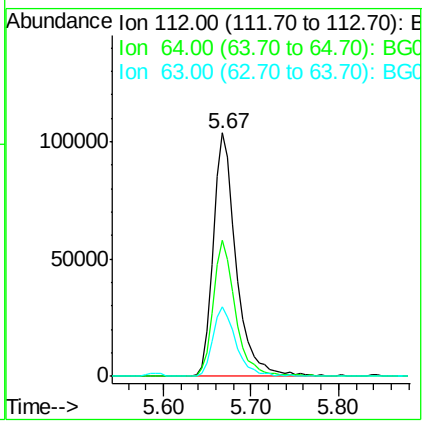


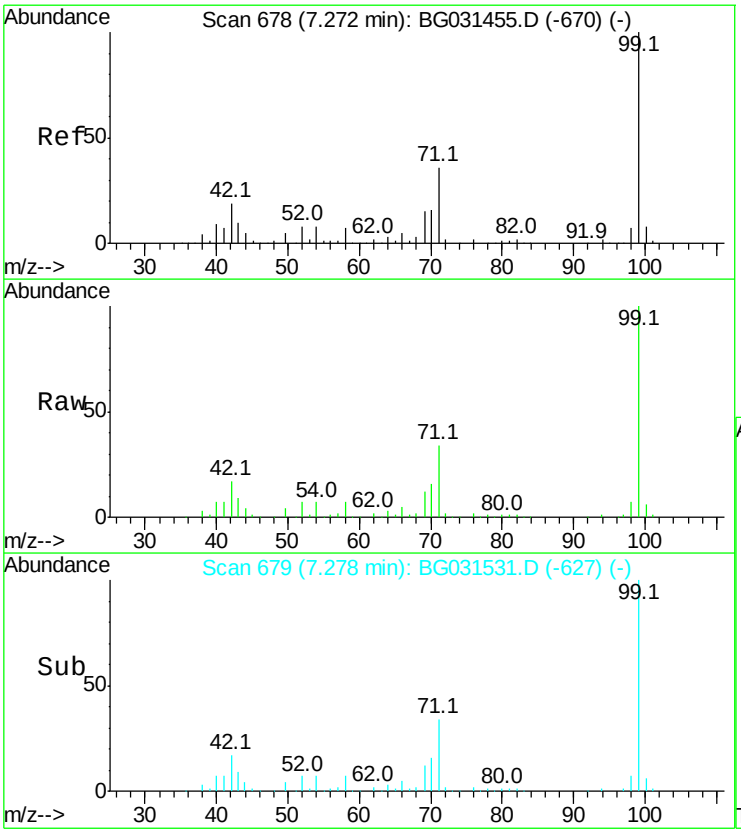
#5
2-Fluorophenol
Concen: 65.193 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 187707

Ion	Ratio	Lower	Upper
112	100		
64	55.9	56.3	84.5#
63	28.8	30.1	45.1#

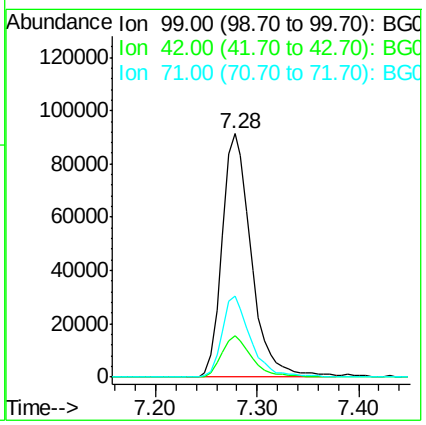


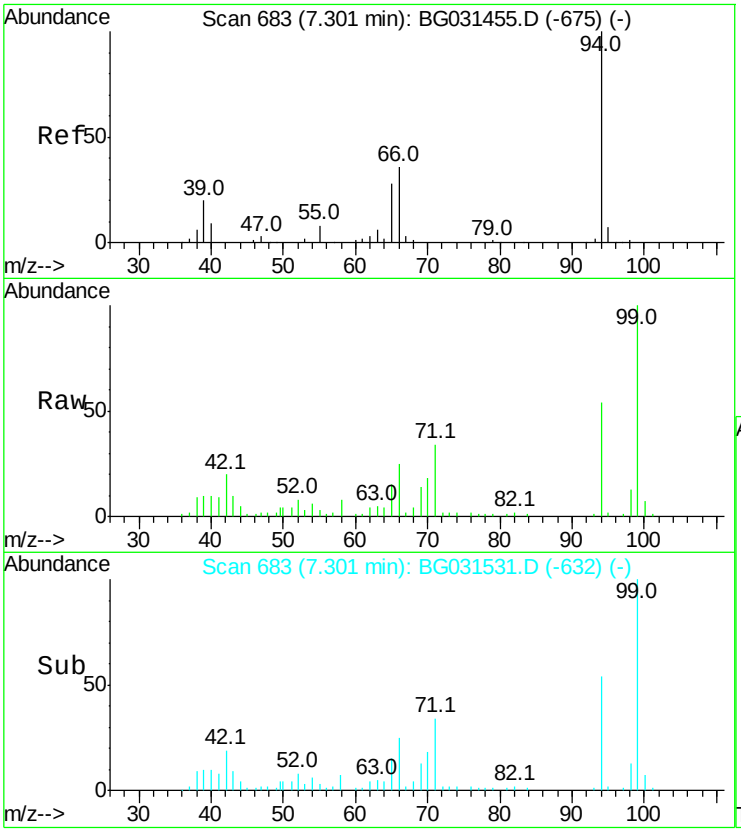


#7
Phenol-d6
Concen: 45.512 ng
RT: 7.28 min Scan# 679
Delta R.T. 0.01 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion: 99 Resp: 181912

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.1	21.1
71	33.5	26.1	39.1



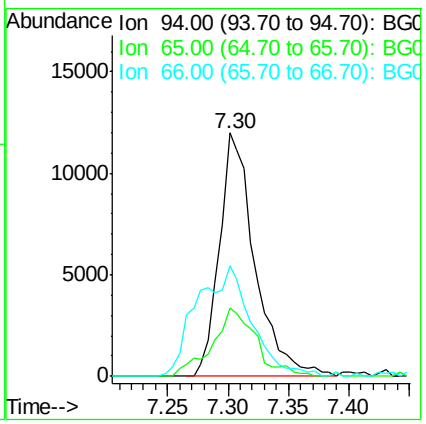


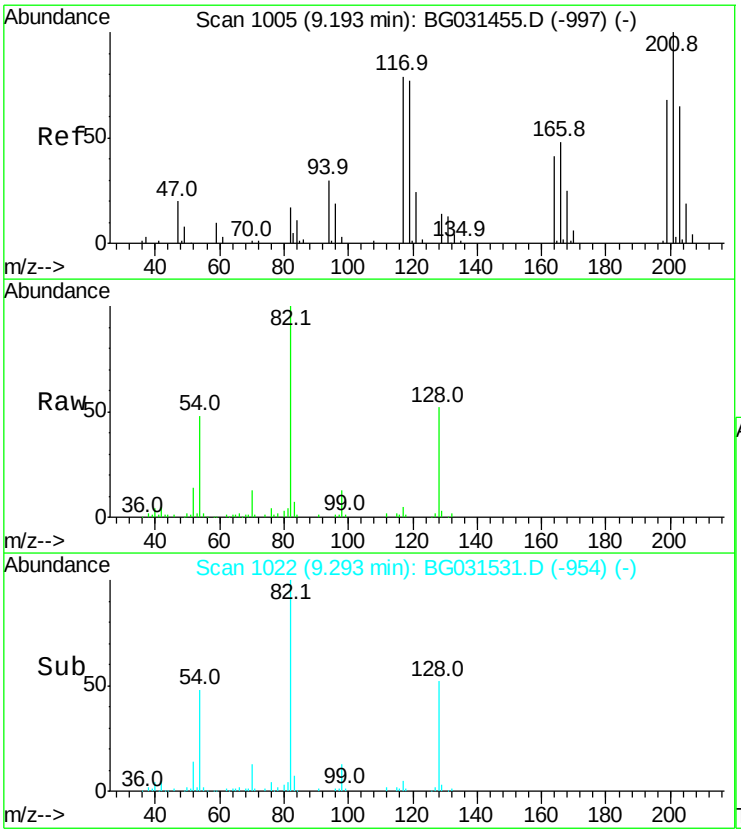
#10
Phenol
Concen: 5.951 ng
RT: 7.30 min Scan# 683
Delta R.T. -0.00 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 24436

Ion	Ratio	Lower	Upper
94	100		
65	28.3	11.9	51.9
66	45.3	22.2	62.2

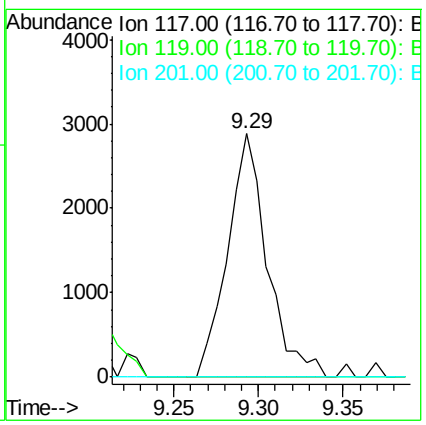


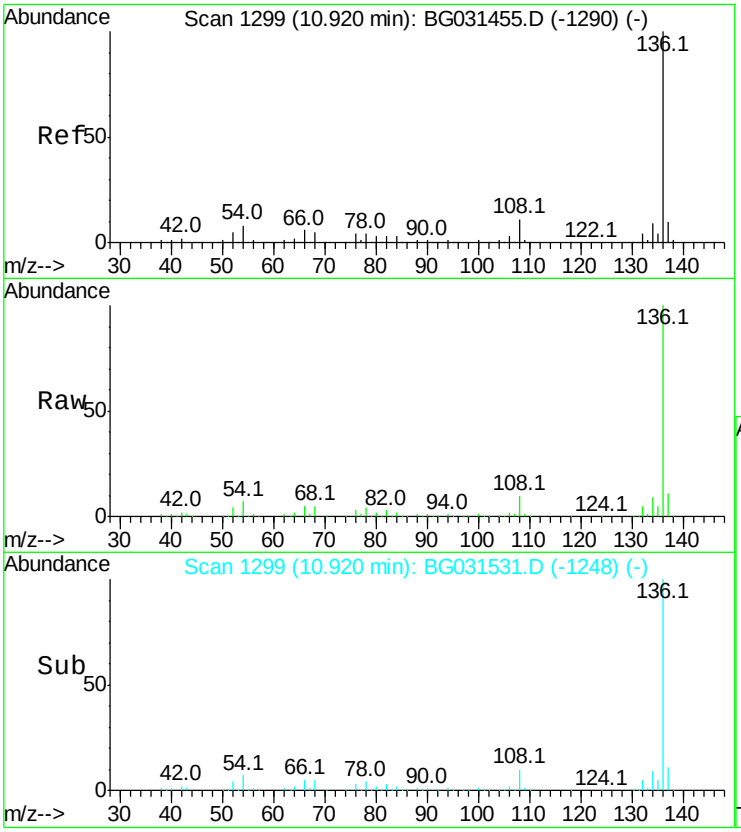


#18
Hexachloroethane
Concen: 3.503 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.10 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion:117 Resp: 4687

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.7	115.1#
201	0.0	95.7	143.5#



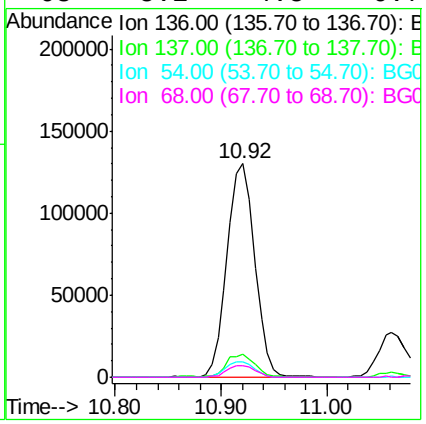


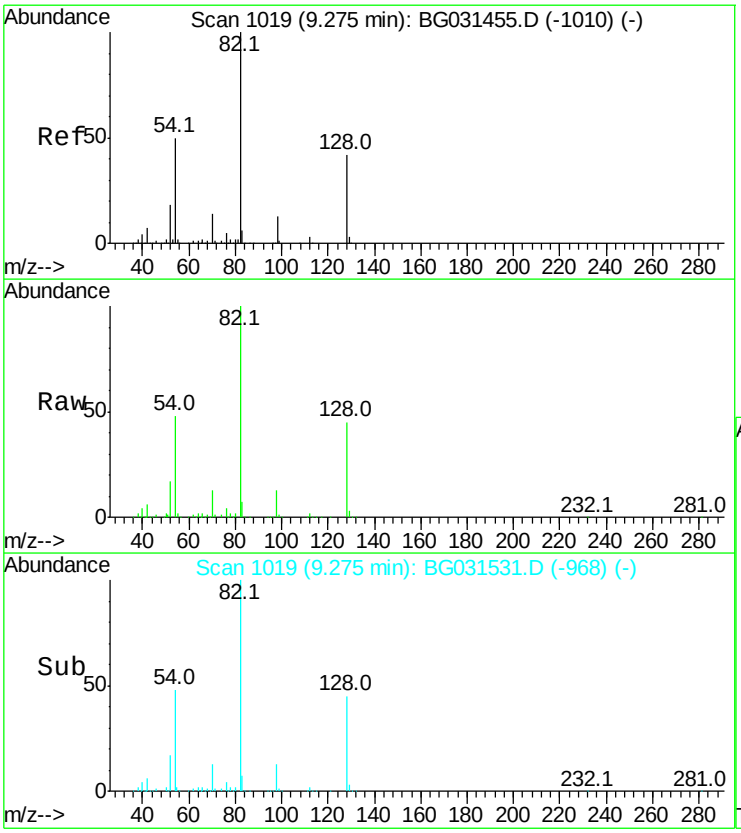
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 237081

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.4	10.3	15.5#
68	5.2	4.5	6.7

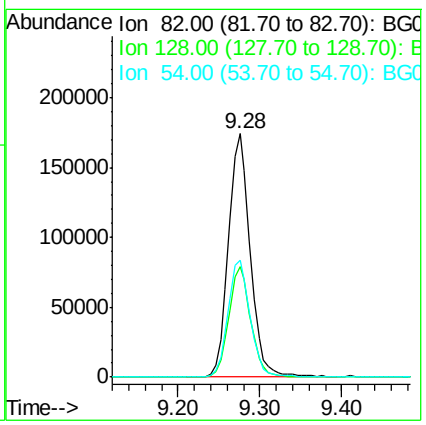


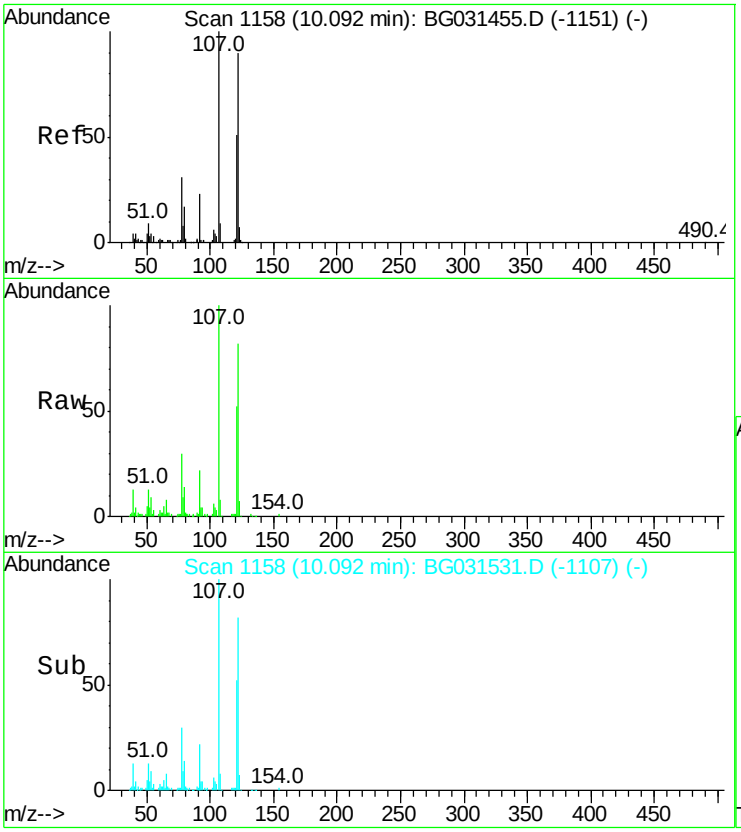


#23
Nitrobenzene-d5
Concen: 84.074 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion: 82 Resp: 323384

Ion	Ratio	Lower	Upper
82	100		
128	45.2	29.7	44.5#
54	47.8	43.1	64.7



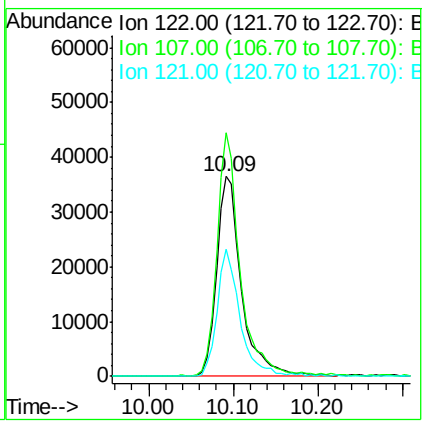


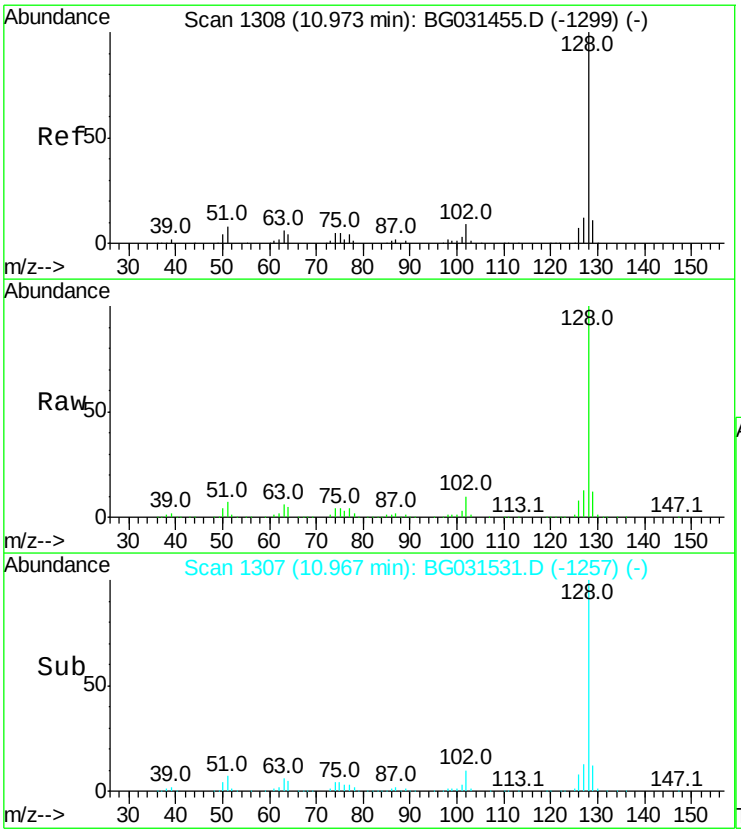
#27
2,4-Dimethylphenol
Concen: 25.150 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 74462

Ion	Ratio	Lower	Upper
122	100		
107	121.8	100.2	150.2
121	63.5	44.4	66.6

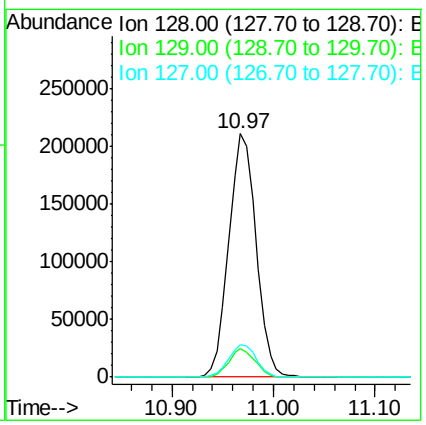


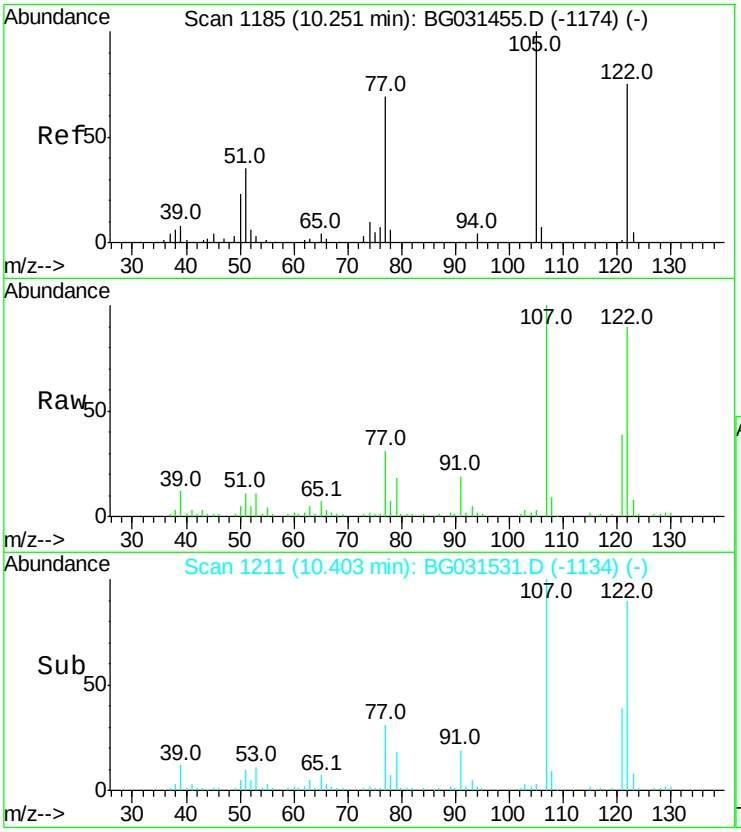


#31
Naphthalene
Concen: 33.904 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion:128 Resp: 394880

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.1	11.6	17.4



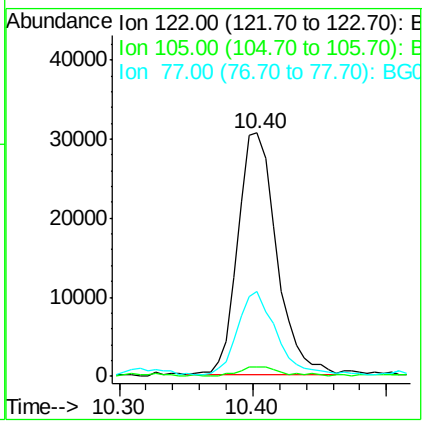


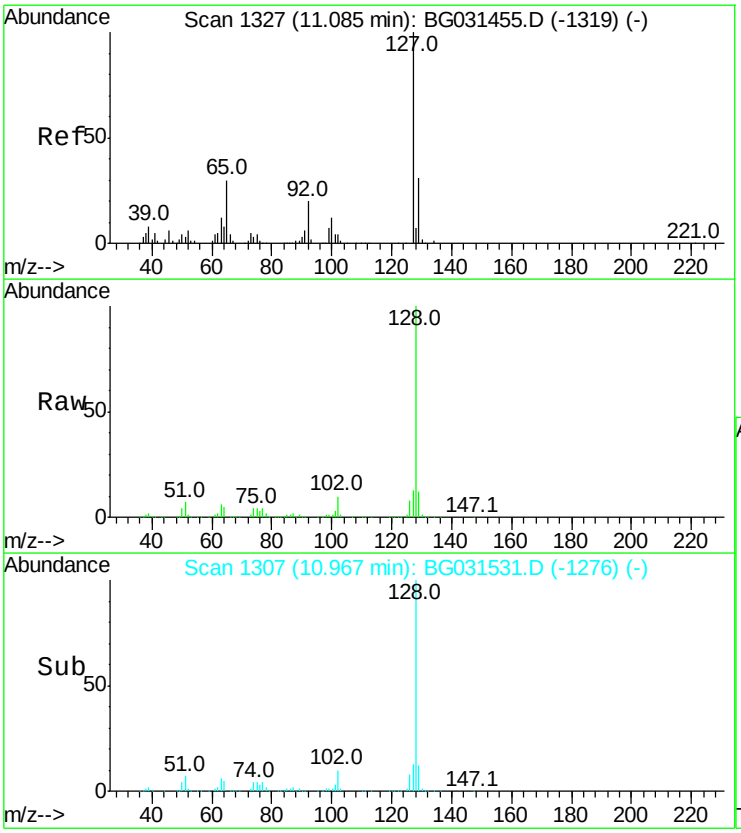
#32
Benzoic acid
Concen: 38.810 ng
RT: 10.40 min Scan# 1211
Delta R.T. 0.15 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 61544

Ion	Ratio	Lower	Upper
122	100		
105	3.6	123.5	163.5#
77	34.6	85.7	125.7#

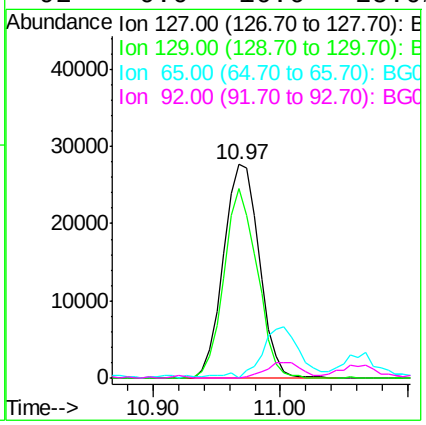


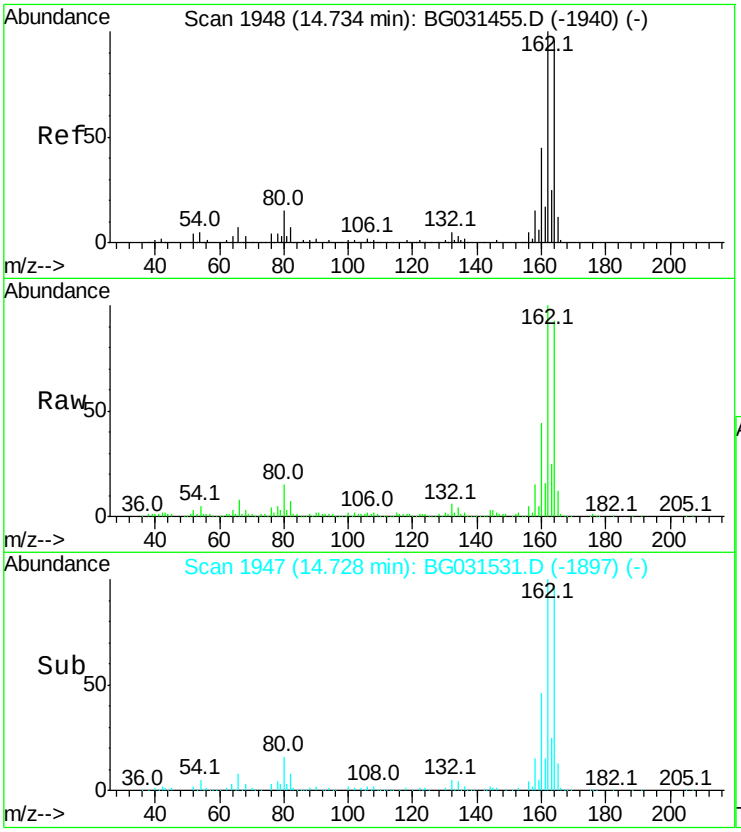


#33
4-Chloroaniline
Concen: 10.681 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.12 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion:127 Resp: 54013

Ion	Ratio	Lower	Upper
127	100		
129	88.4	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



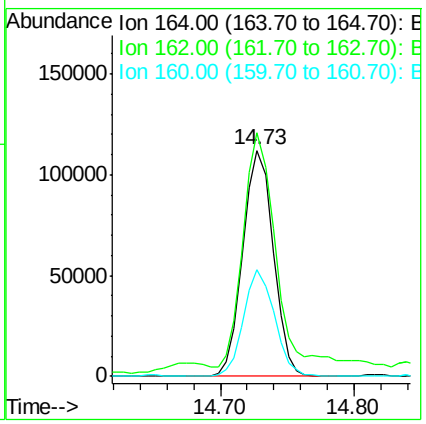


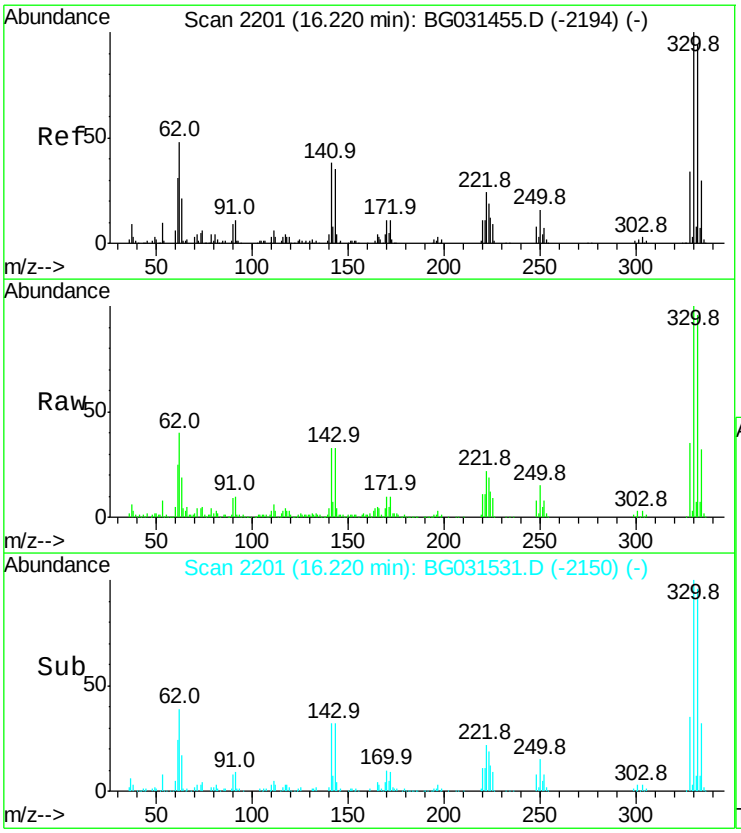
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 177039

Ion	Ratio	Lower	Upper
164	100		
162	107.7	78.8	118.2
160	47.5	35.4	53.0

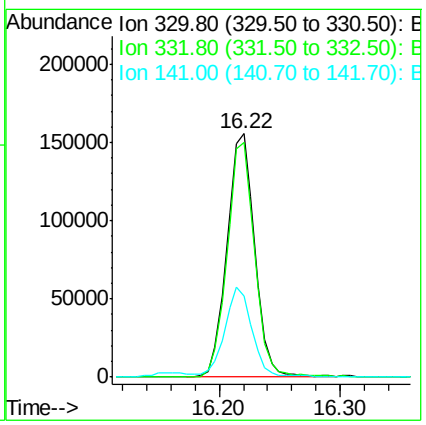


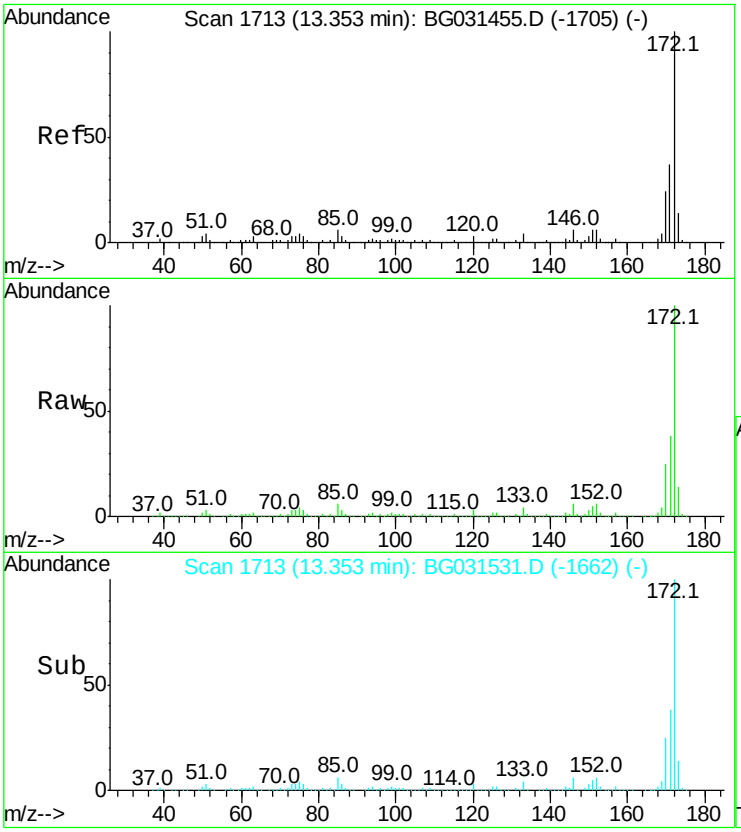


#41
2,4,6-Tribromophenol
Concen: 119.821 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion:330 Resp: 248520

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	35.6	25.2	37.8



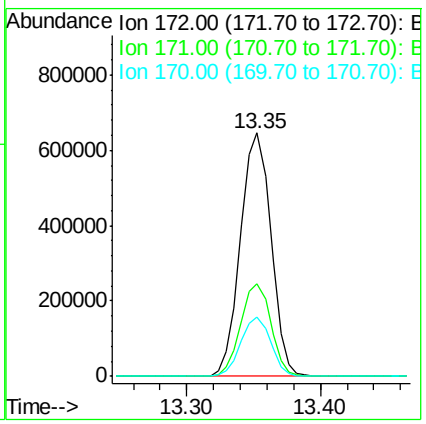


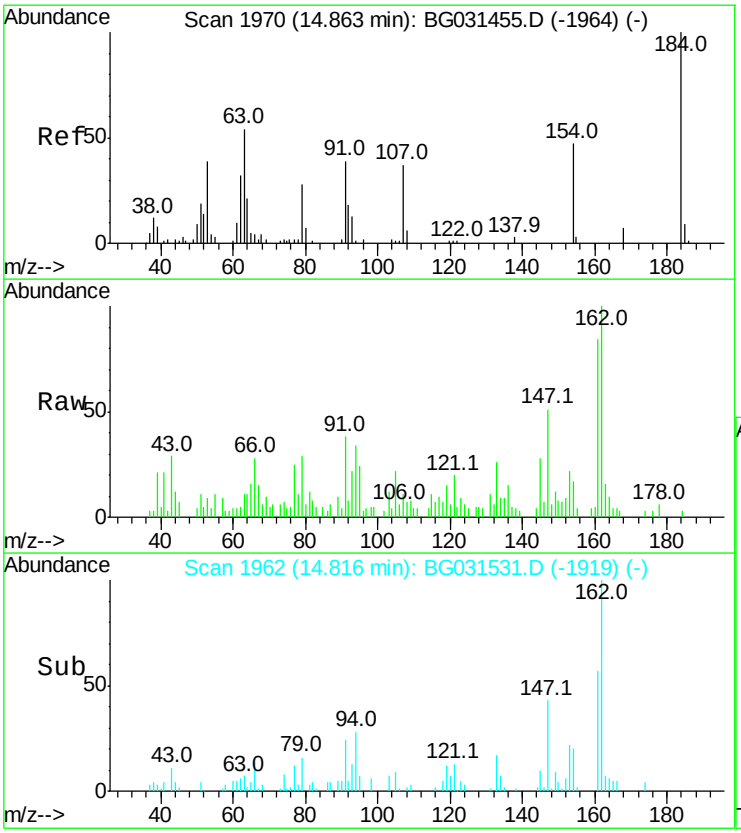
#44
2-Fluorobiphenyl
Concen: 84.742 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1022066

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.5	19.5	29.3

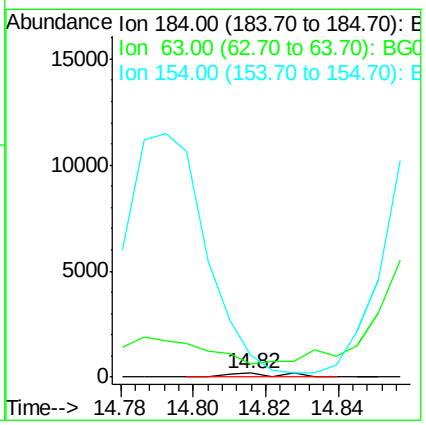


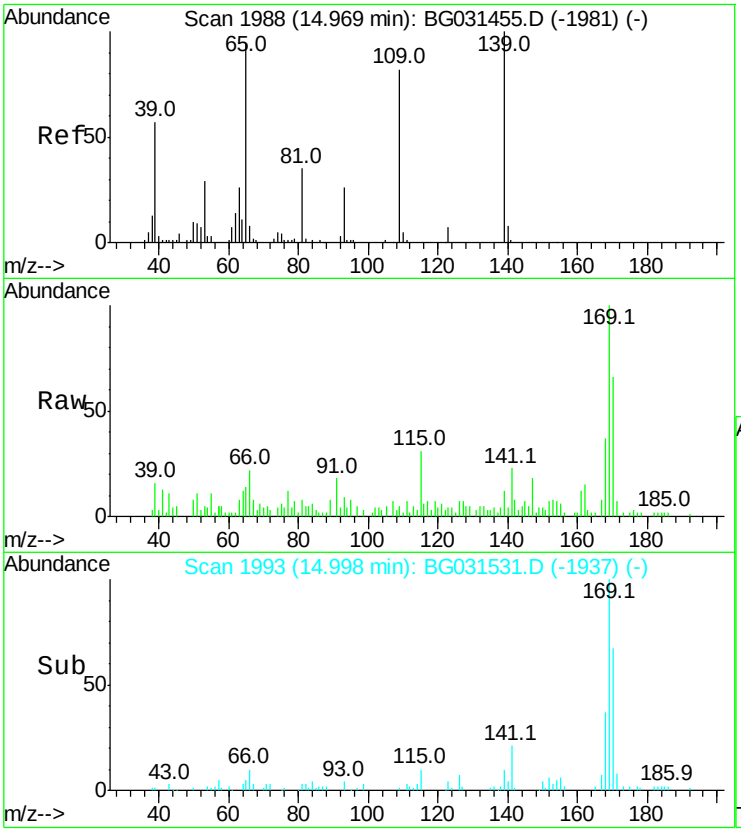


#53
2,4-Dinitrophenol
Concen: 9.175 ng
RT: 14.82 min Scan# 1962
Delta R.T. -0.05 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion:184 Resp: 183

Ion	Ratio	Lower	Upper
184	100		
63	342.9	59.8	89.8#
154	558.2	101.8	152.8#



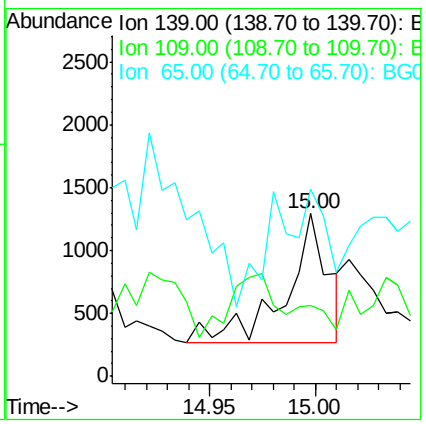


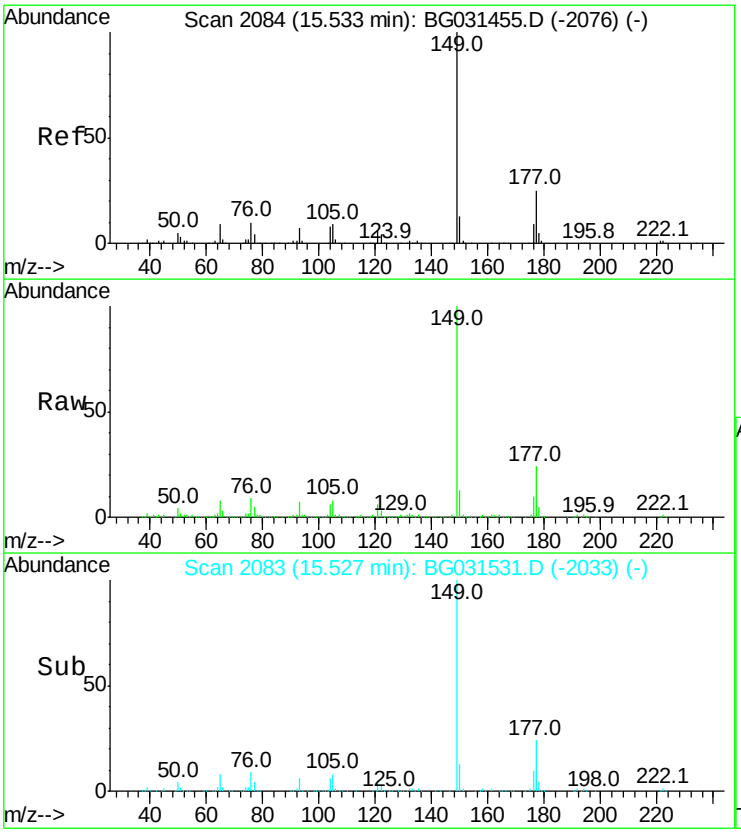
#55
4-Nitrophenol
Concen: 4.189 ng
RT: 15.00 min Scan# 1993
Delta R.T. 0.03 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 1459

Ion	Ratio	Lower	Upper
139	100		
109	43.6	62.2	102.2#
65	115.2	97.2	137.2

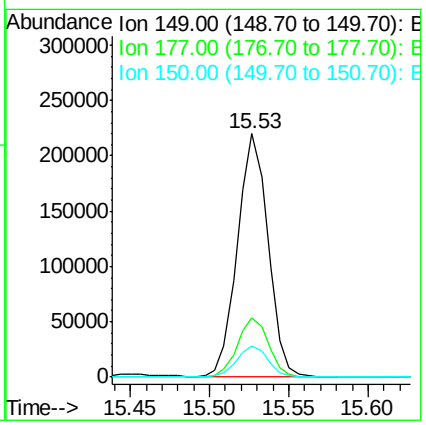


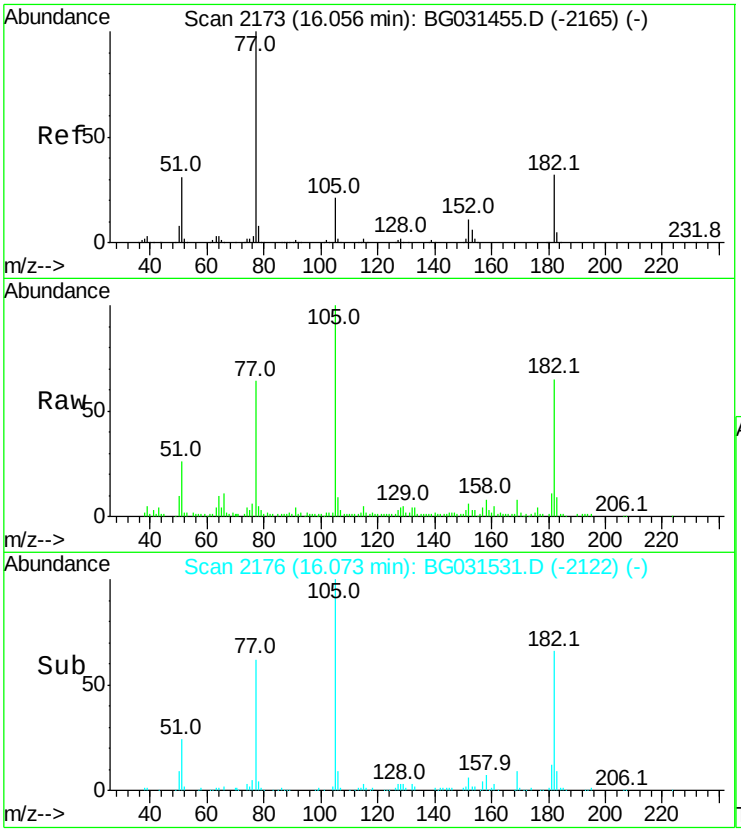


#59
Diethylphthalate
Concen: 20.011 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion:149 Resp: 294001

Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.5	27.7
150	13.0	10.2	15.2



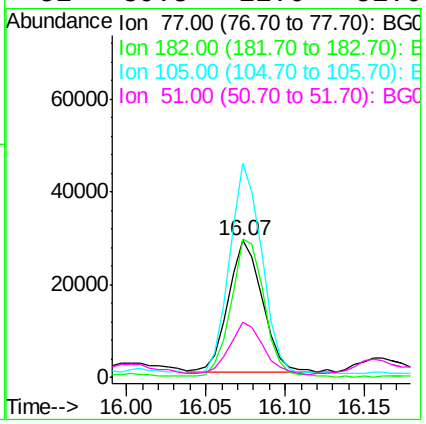


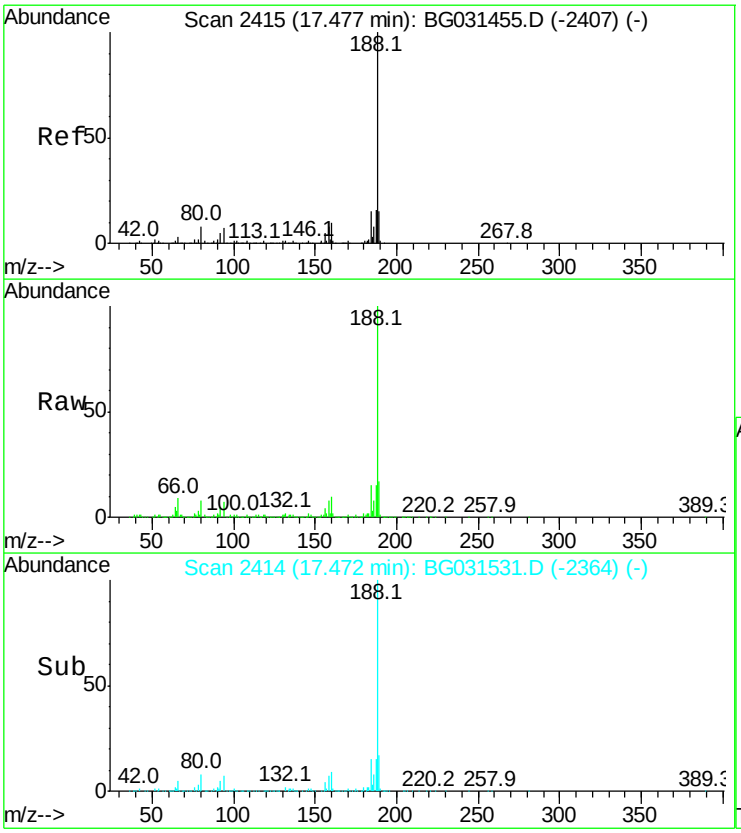
#62
Azobenzene
Concen: 3.501 ng
RT: 16.07 min Scan# 2176
Delta R.T. 0.02 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 42606

Ion	Ratio	Lower	Upper
77	100		
182	101.2	7.4	47.4#
105	156.0	0.3	40.3#
51	39.8	11.6	51.6

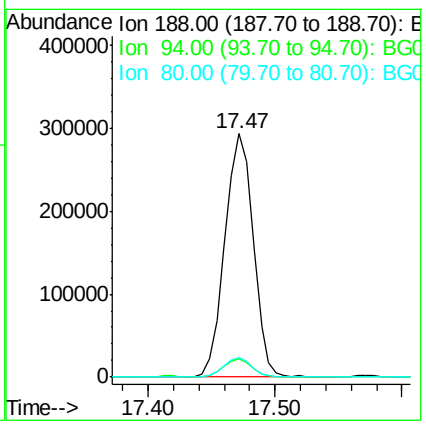


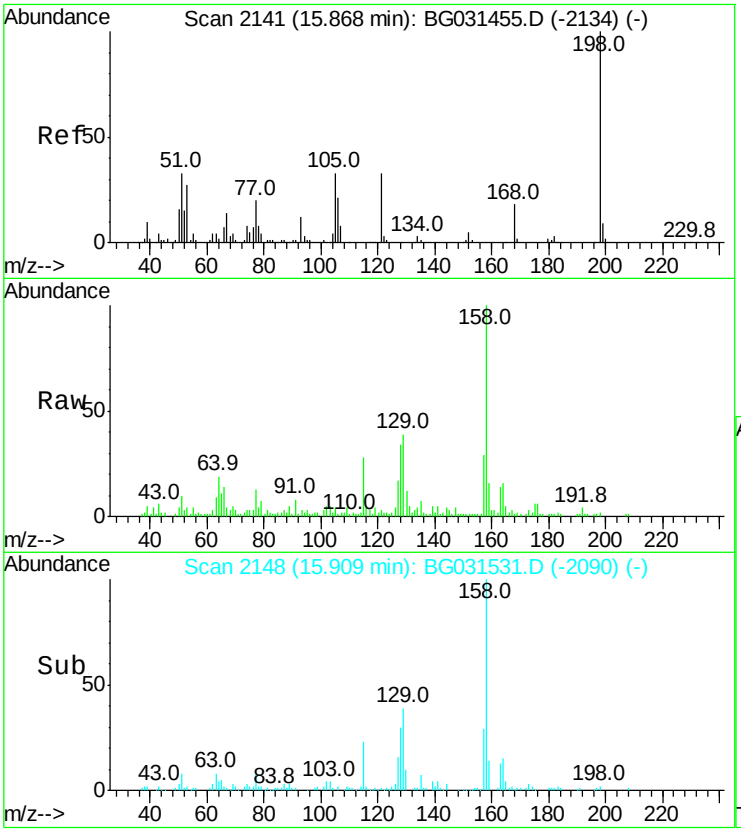


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion:188 Resp: 450528

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	8.0	7.7	11.5



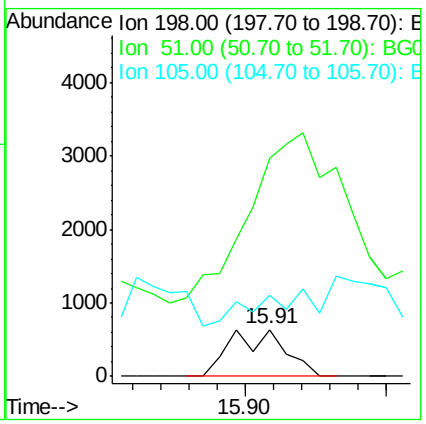


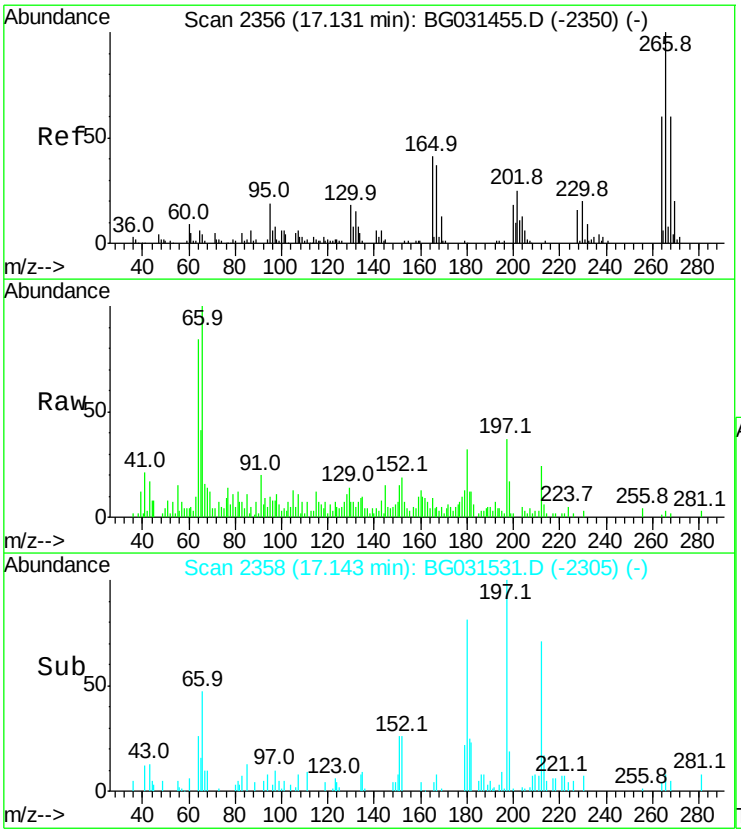
#64
4,6-Dinitro-2-methylphenol
Concen: 5.189 ng
RT: 15.91 min Scan# 2148
Delta R.T. 0.04 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 850

Ion	Ratio	Lower	Upper
198	100		
51	462.7	30.6	70.6#
105	173.0	23.8	63.8#

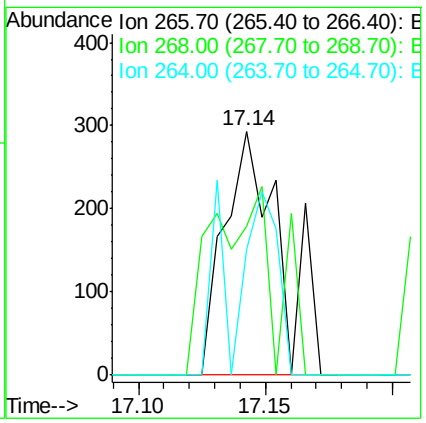


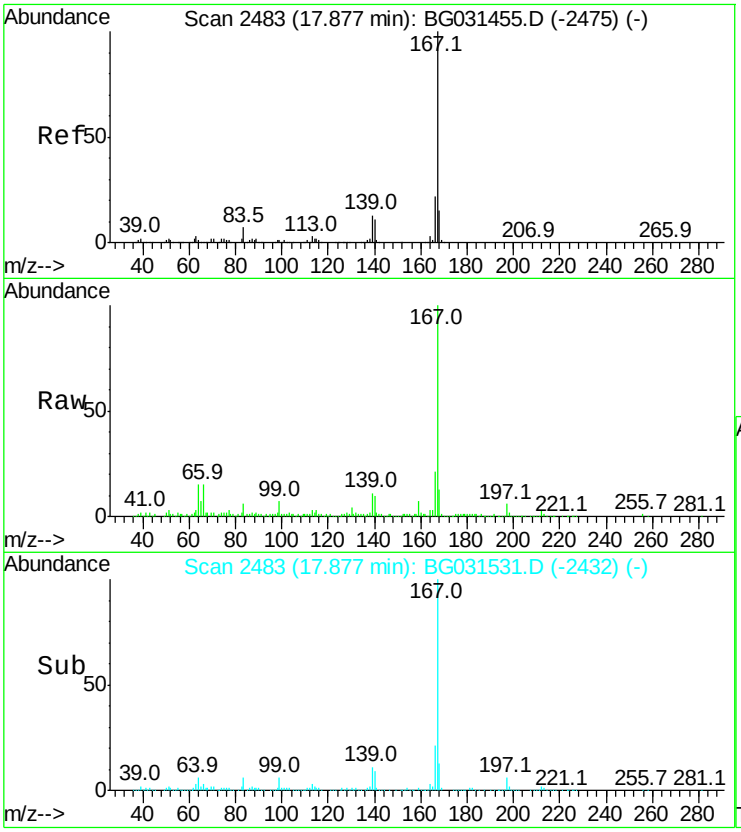


#69
Pentachlorophenol
Concen: 5.823 ng
RT: 17.14 min Scan# 2358
Delta R.T. 0.01 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion:266 Resp: 452

Ion	Ratio	Lower	Upper
266	100		
268	61.1	51.1	76.7
264	51.5	49.6	74.4



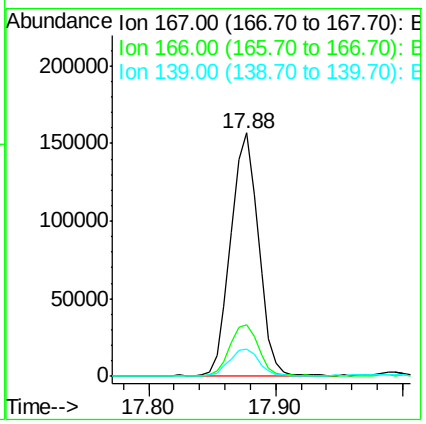


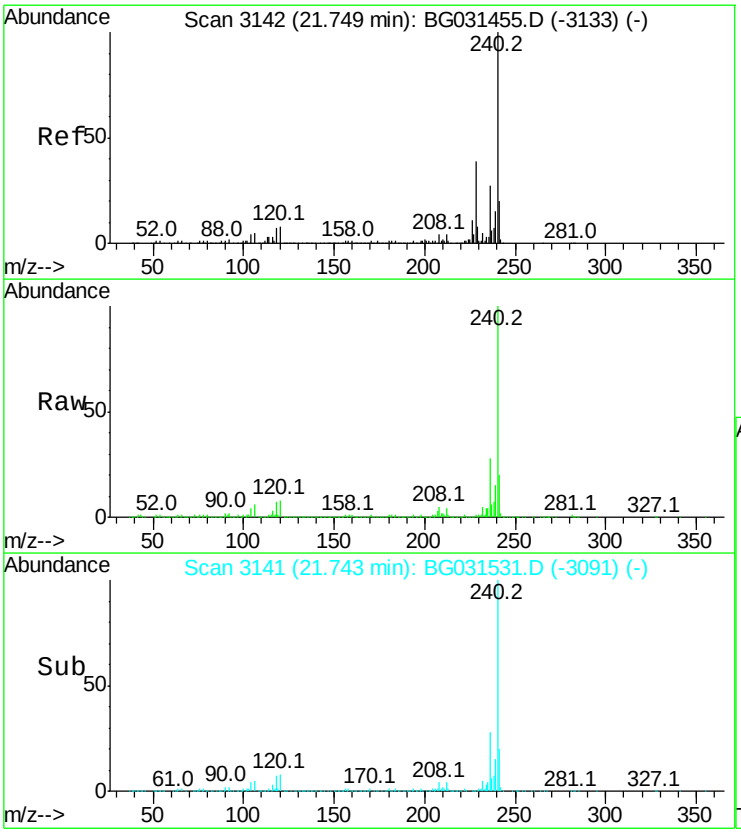
#72
Carbazole
Concen: 11.190 ng
RT: 17.88 min Scan# 2483
Delta R.T. -0.00 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 235656

Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.2	27.4
139	11.4	9.4	14.2

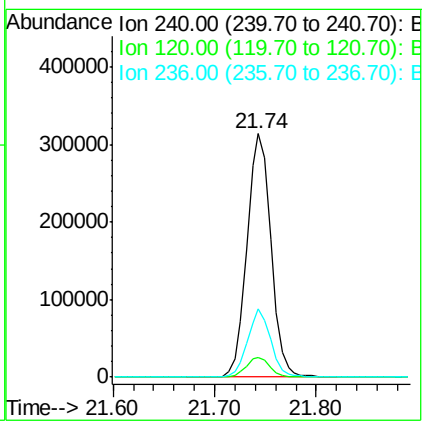


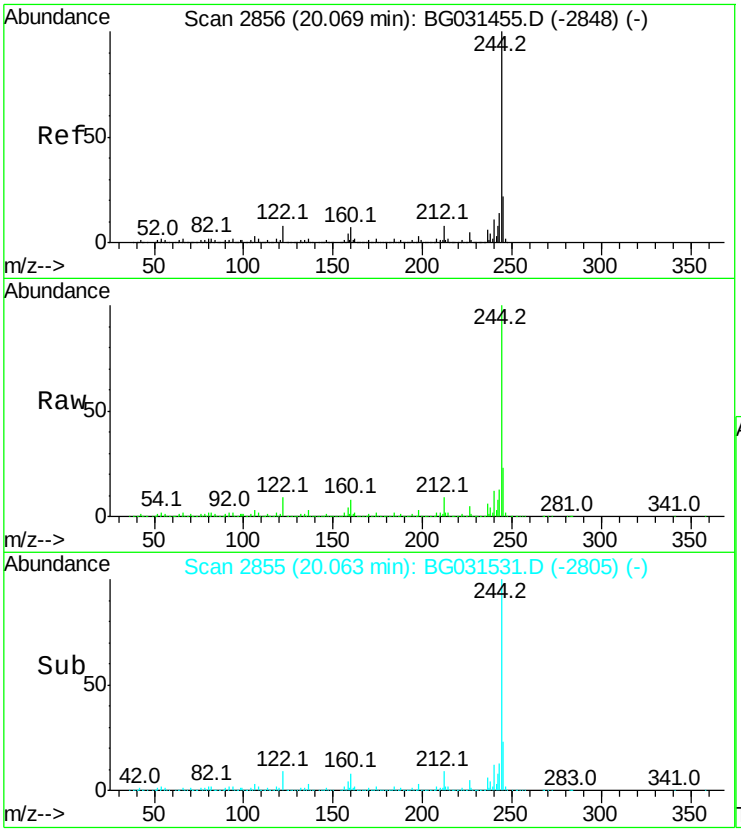


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion:240 Resp: 513312

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.8	10.2
236	27.9	20.9	31.3



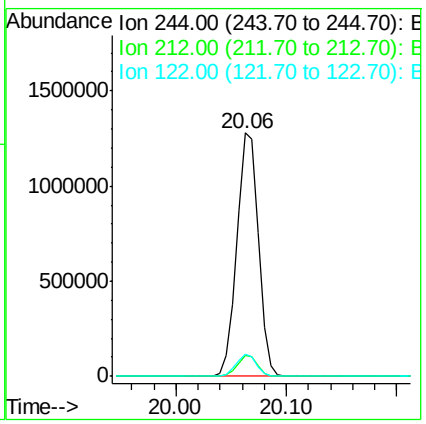


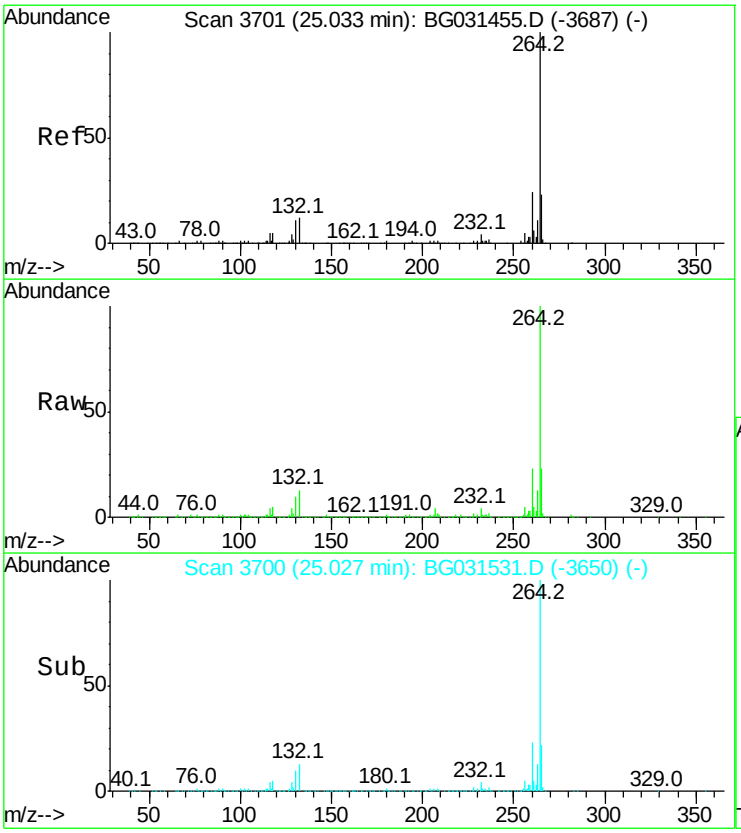
#78
Terphenyl-d14
Concen: 78.241 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1765230

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	8.9	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG031531.D
Acq: 13 Dec 2017 17:14

Tgt Ion:264 Resp: 513381

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	22.6	17.7	26.5