Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
Data File : BG031311.D
Acq On : 1 Dec 2017 5:51
Operator : SJ/JU
Sample : I6636-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 01 07:28:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	65404	20.00	ng		-0.03
21) Naphthalene-d8	10.95	136	271066	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	177242	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	476975	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	560048	20.00	ng		-0.02
86) Perylene-d12	25.06	264	542883	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	175317	45.96	ng		-0.02
7) Phenol-d6	7.30	99	154930	30.15	ng		0.00
23) Nitrobenzene-d5	9.30	82	397972	87.00	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	233428	81.41	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	1177959	95.50	ng		-0.03
78) Terphenyl-d14	20.08	244	2027475	79.94	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	11.00	128	214768	16.12	ng		97
32) Benzoic acid	10.18	122	478	5.80	ng	#	1
33) 4-Chloroaniline	10.99	127	28628	4.91	ng	#	34
37) 2-Methylnaphthalene	12.60	142	23316	2.27	ng		96
51) Acenaphthene	14.82	154	36437	3.36	ng		96
54) Dibenzofuran	15.16	168	37772	2.19	ng		94
55) 4-Nitrophenol	15.16	139	11694	4.89	ng	#	1
57) Fluorene	15.80	166	30071	2.15	ng		87
70) Phenanthrene	17.54	178	109448	4.41	ng		98
71) Anthracene	17.54	178	109448	4.40	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
Data File : BG031311.D
Acq On : 1 Dec 2017 5:51
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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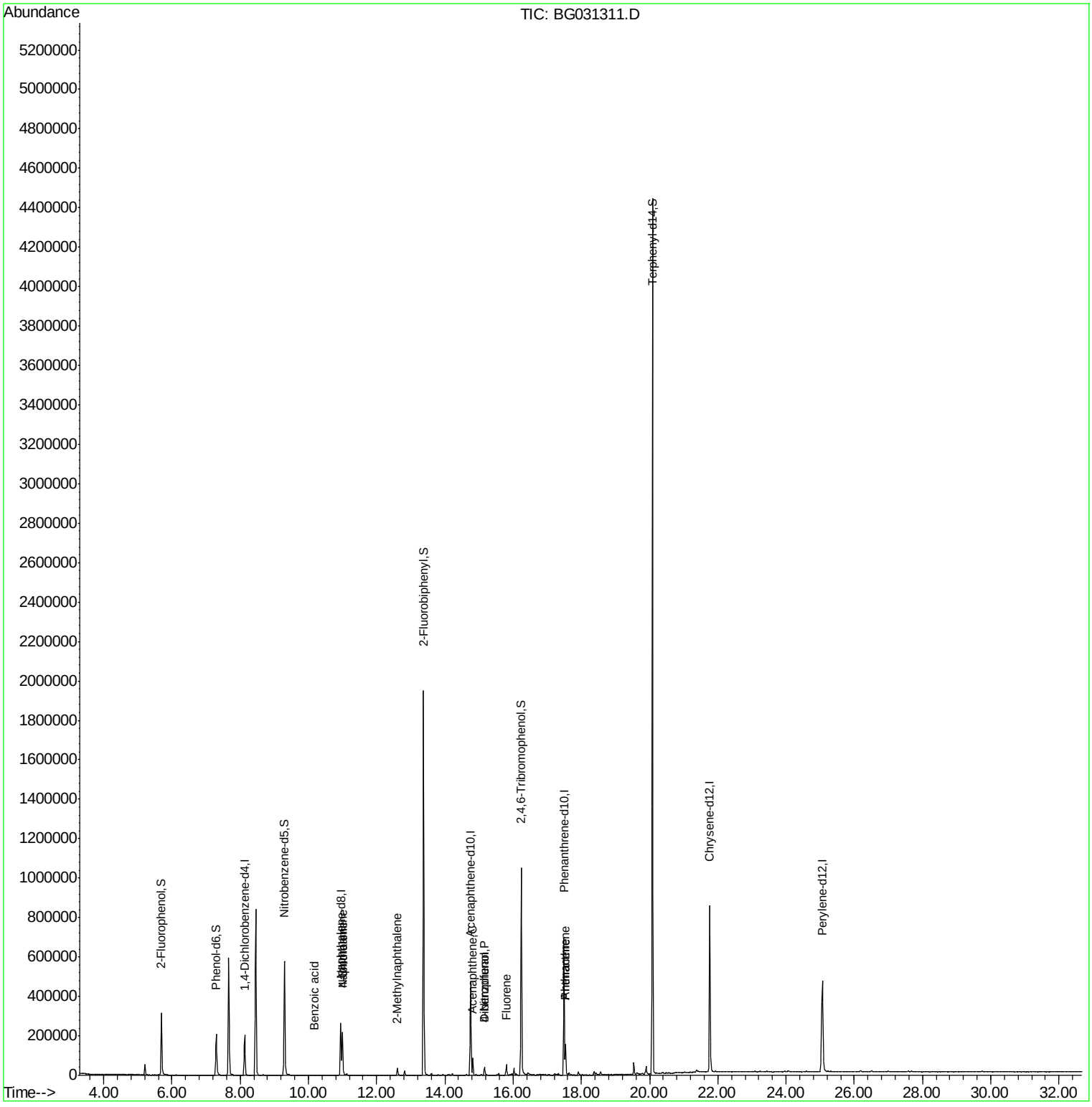
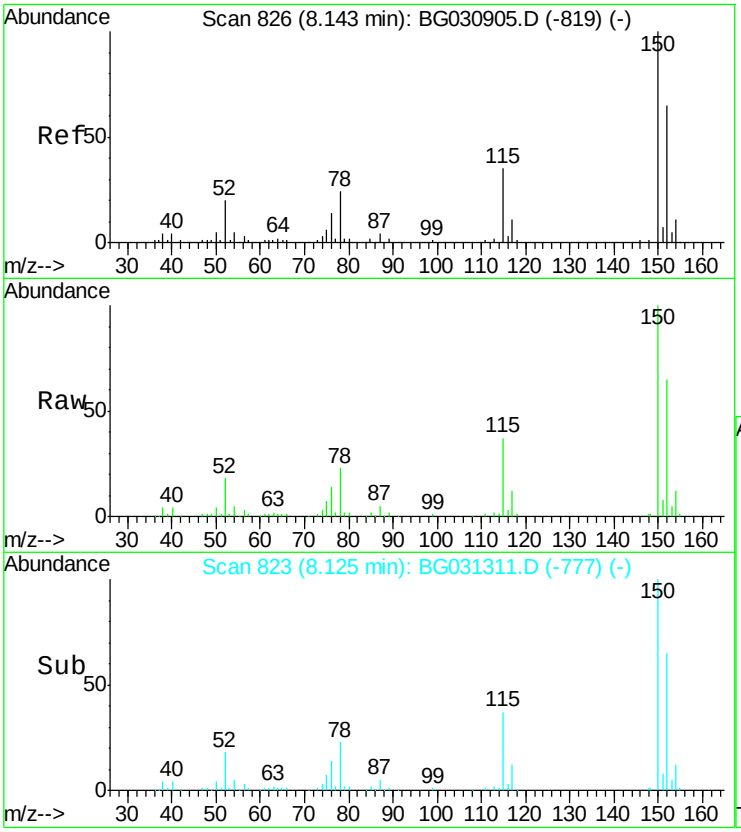


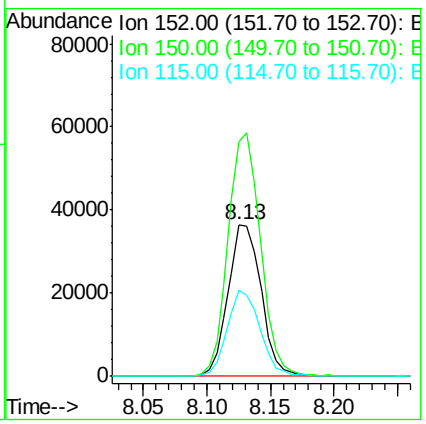


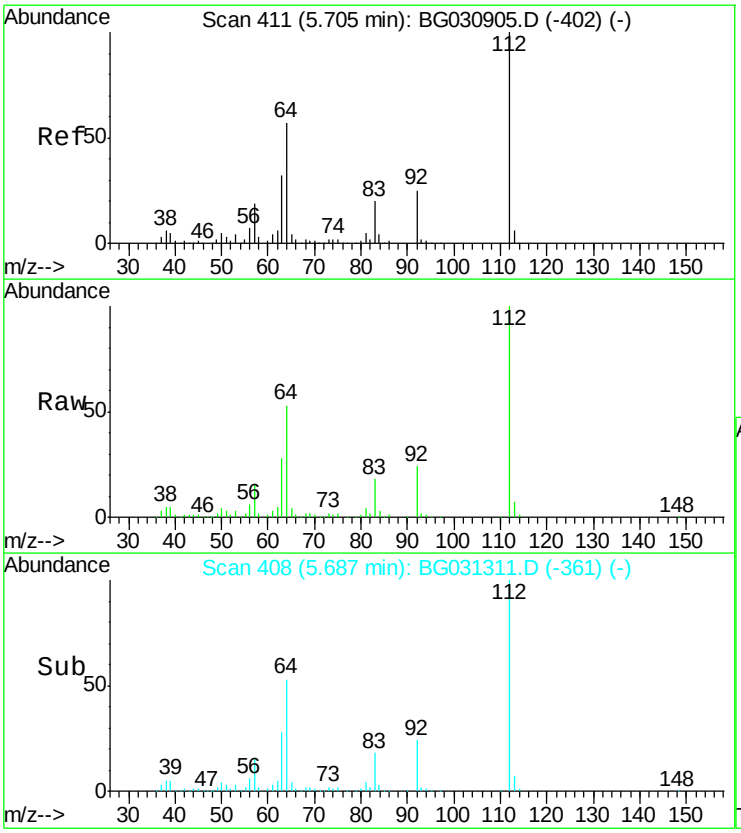
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 65404

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.6	189.8
115	56.7	53.0	79.4

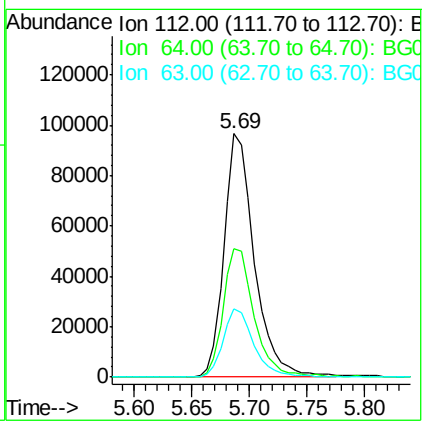


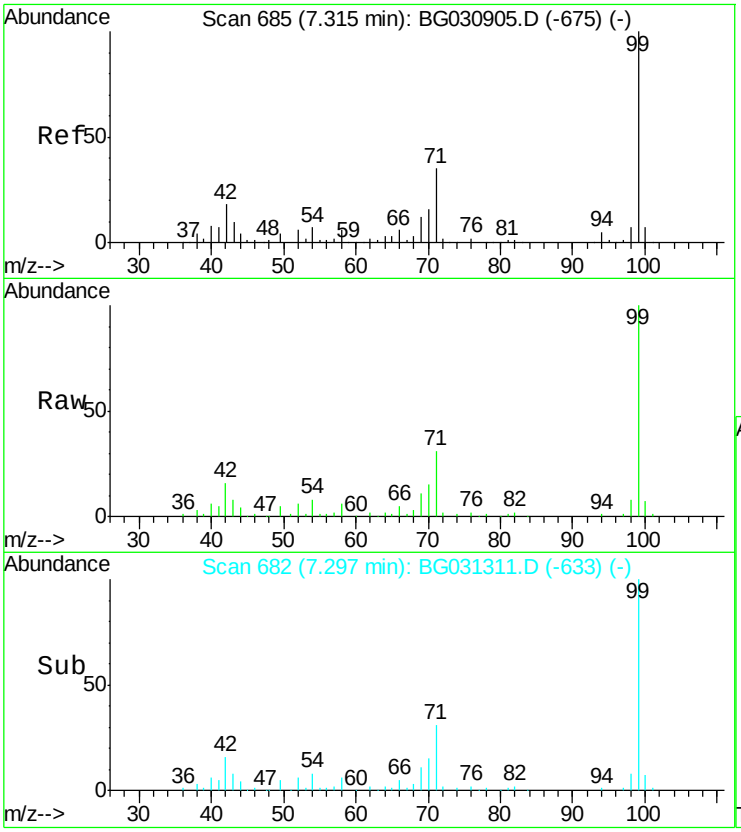


#5
2-Fluorophenol
Concen: 45.96 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Tgt Ion:112 Resp: 175317

Ion	Ratio	Lower	Upper
112	100		
64	52.9	56.3	84.5#
63	28.2	30.1	45.1#



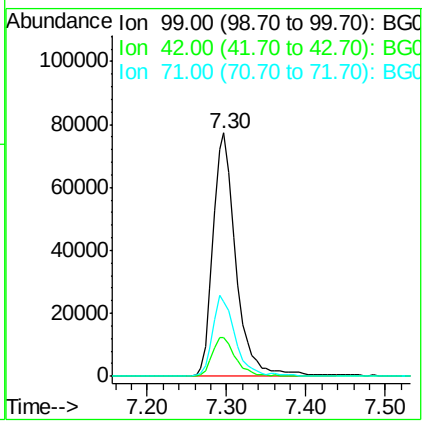


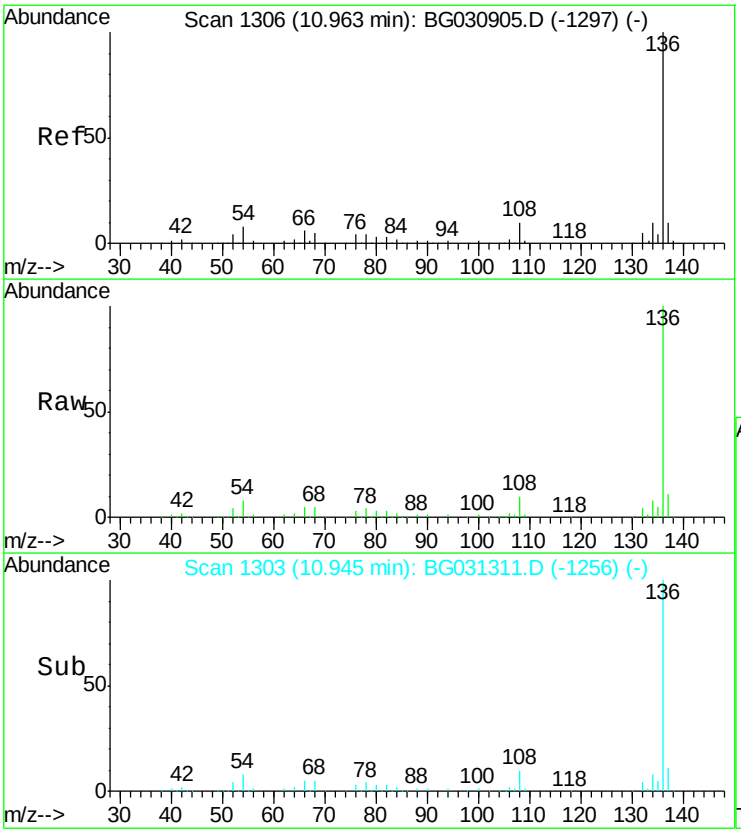
#7
Phenol-d6
Concen: 30.15 ng
RT: 7.30 min Scan# 682
Delta R.T. -0.01 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 154930

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.1	21.1
71	30.7	26.1	39.1

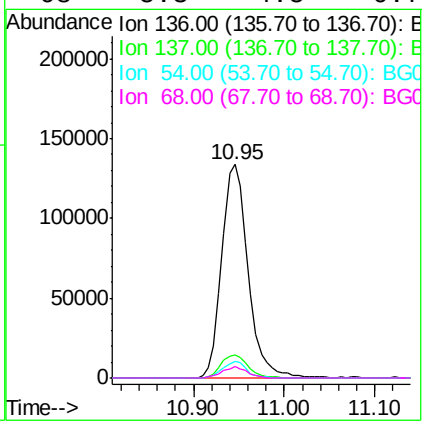


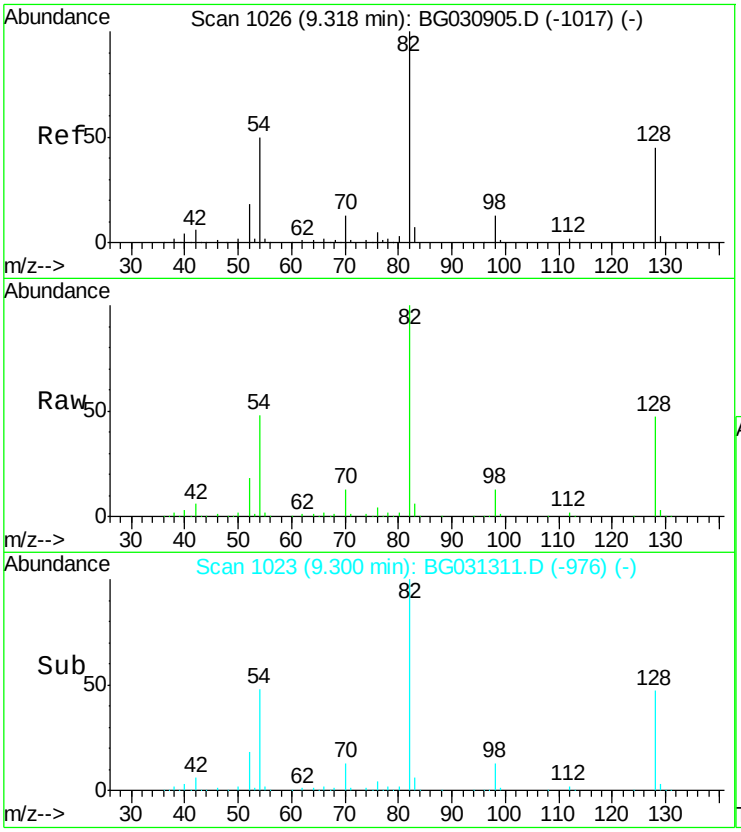


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Tgt Ion:136 Resp: 271066

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.7	10.3	15.5#
68	5.3	4.5	6.7



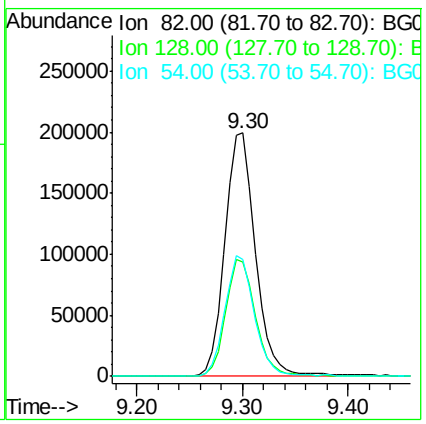


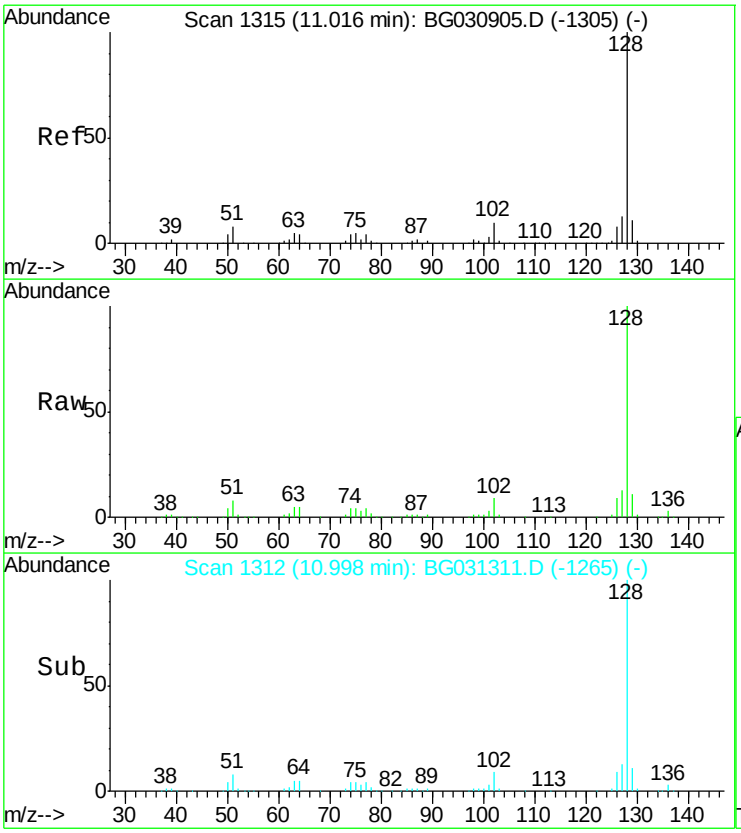
#23
Nitrobenzene-d5
Concen: 87.00 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 397972

Ion	Ratio	Lower	Upper
82	100		
128	47.1	29.7	44.5#
54	48.2	43.1	64.7

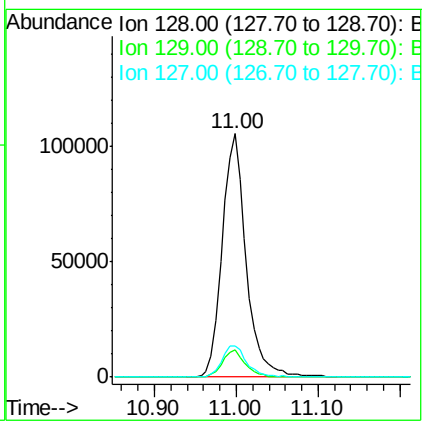


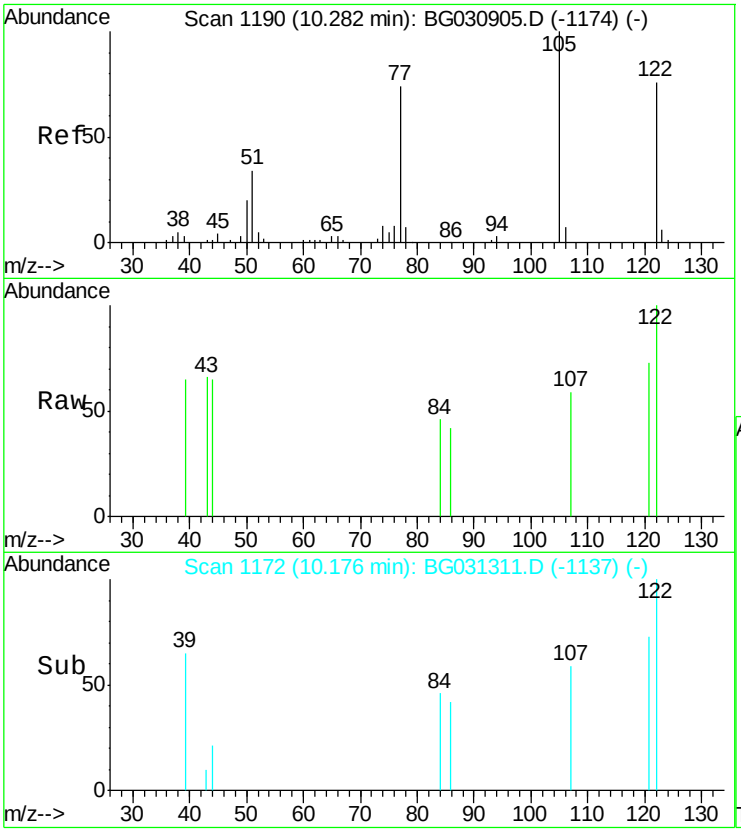


#31
Naphthalene
Concen: 16.12 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Tgt Ion:128 Resp: 214768

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	12.6	11.6	17.4



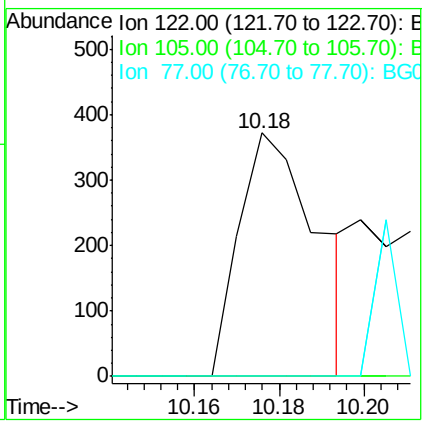


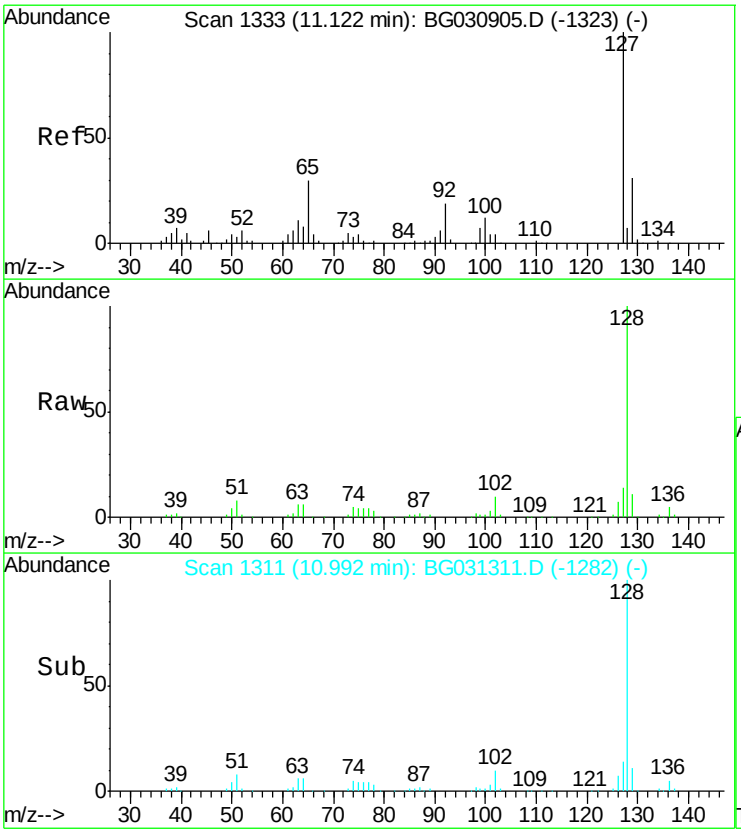
#32
Benzoic acid
Concen: 5.80 ng
RT: 10.18 min Scan# 1172
Delta R.T. -0.09 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 478

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#

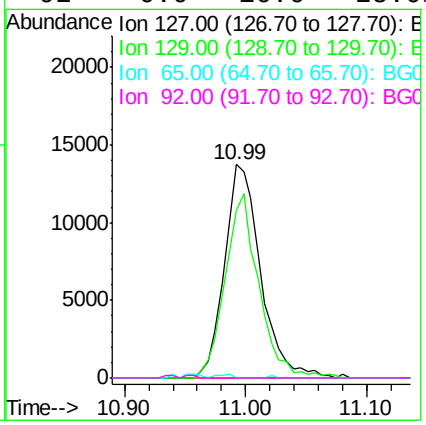


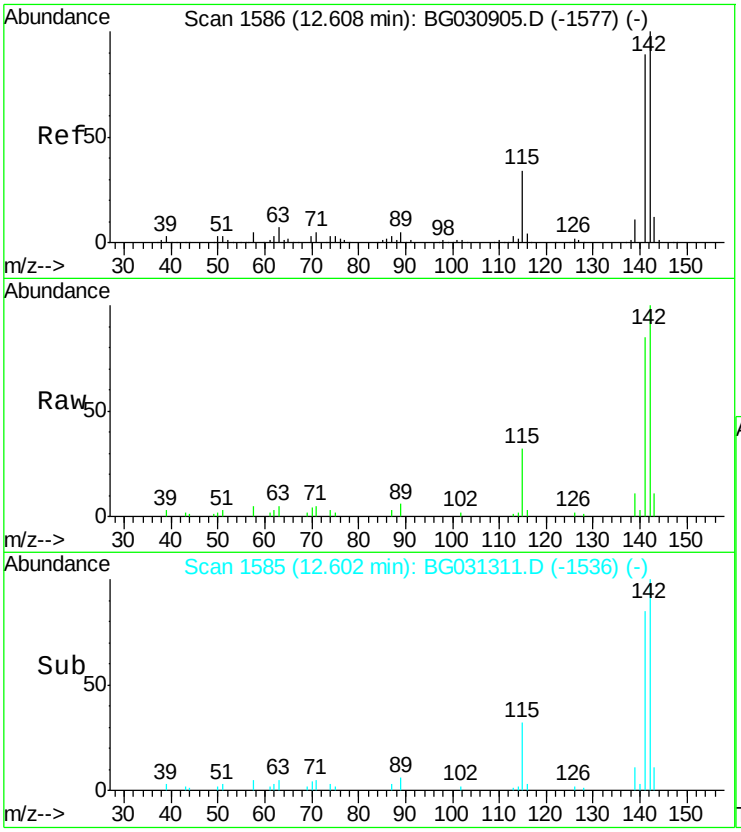


#33
4-Chloroaniline
Concen: 4.91 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.13 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Tgt Ion:127 Resp: 28628

Ion	Ratio	Lower	Upper
127	100		
129	78.8	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



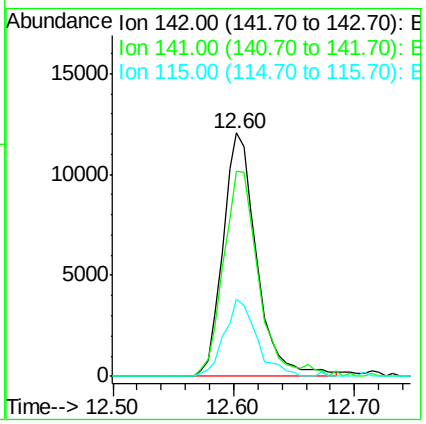


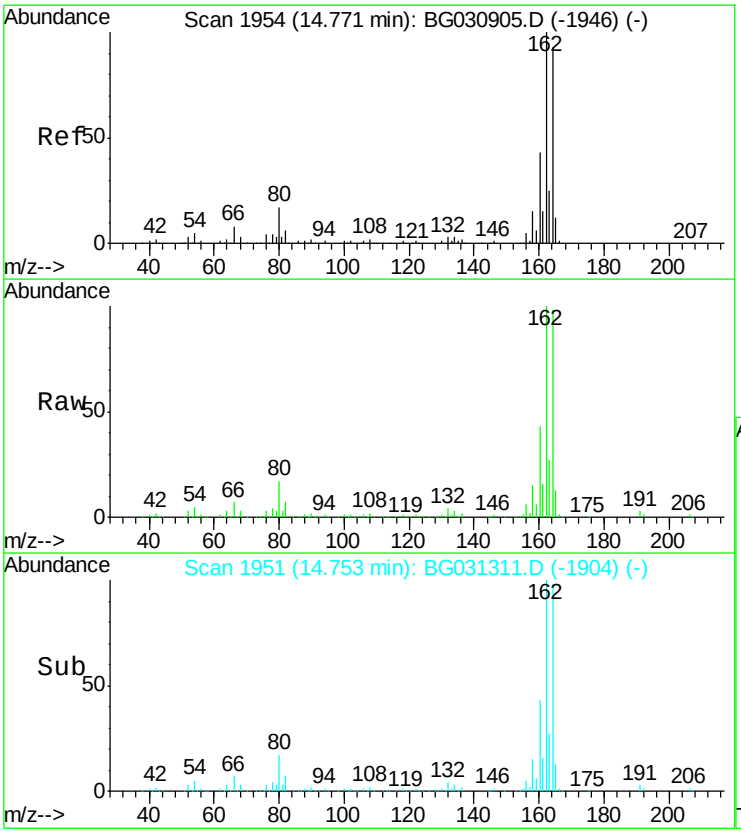
#37
2-Methylnaphthalene
Concen: 2.27 ng
RT: 12.60 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 23316

Ion	Ratio	Lower	Upper
142	100		
141	84.5	67.1	100.7
115	31.8	30.7	46.1

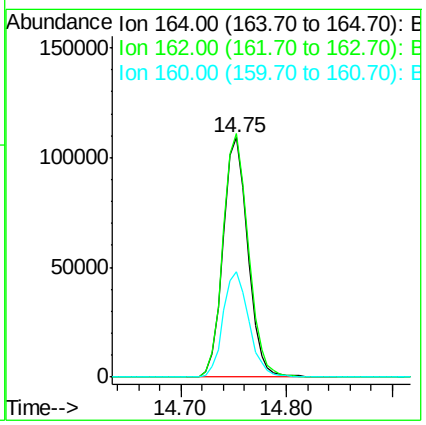


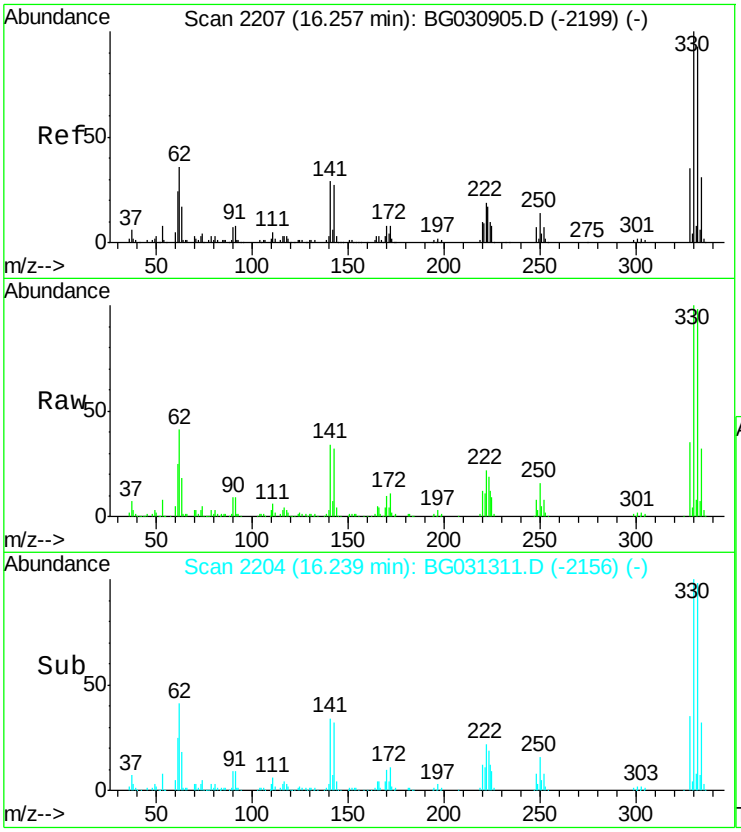


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Tgt Ion:164 Resp: 177242

Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	44.1	35.4	53.0



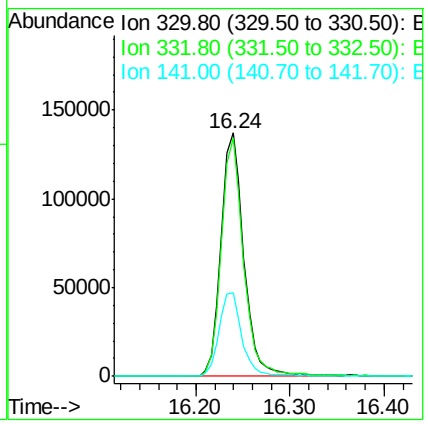


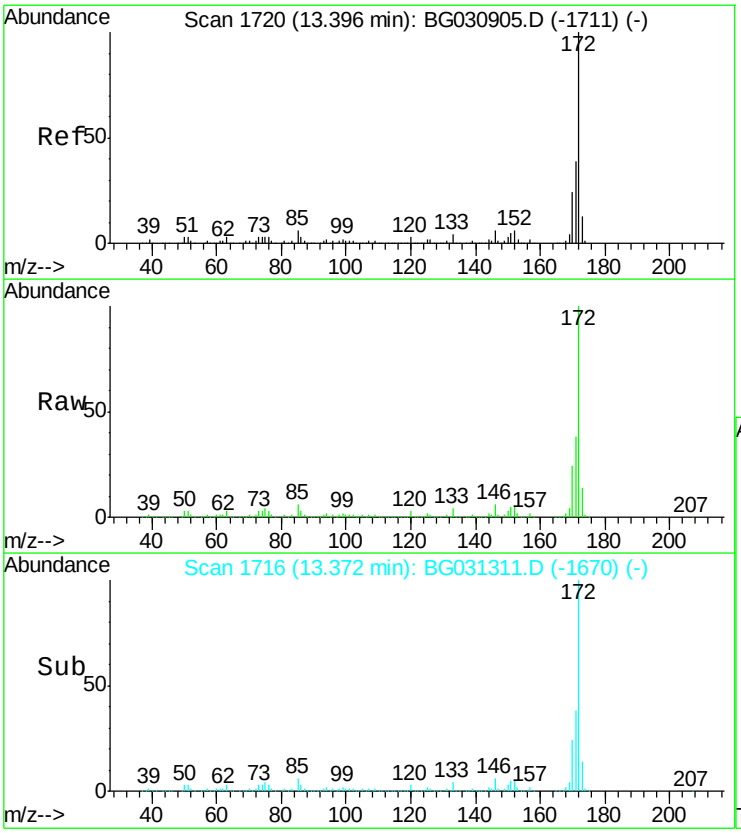
#41
2,4,6-Tribromophenol
Concen: 81.41 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 233428

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	34.6	25.2	37.8

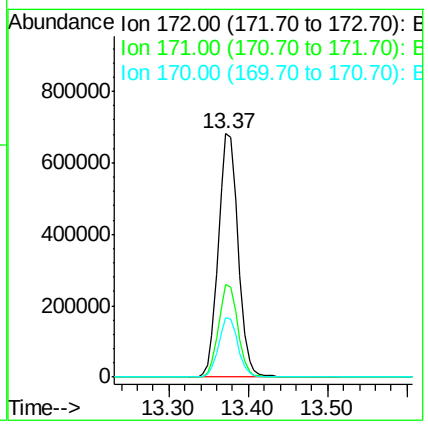


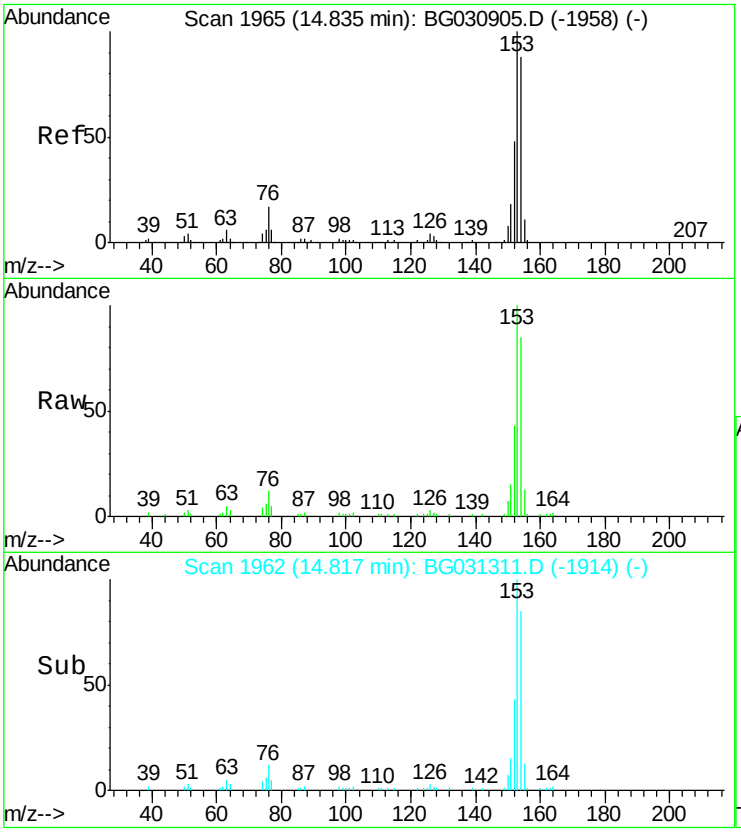


#44
2-Fluorobiphenyl
Concen: 95.50 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.03 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Tgt Ion:172 Resp: 1177959

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.5	19.5	29.3



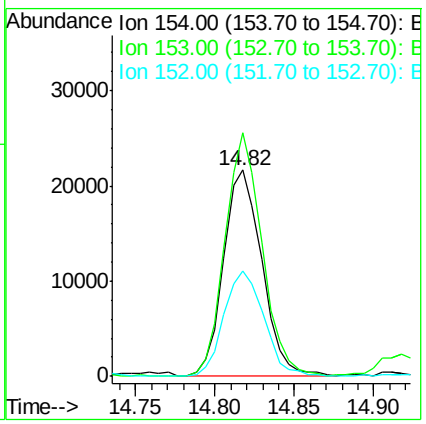


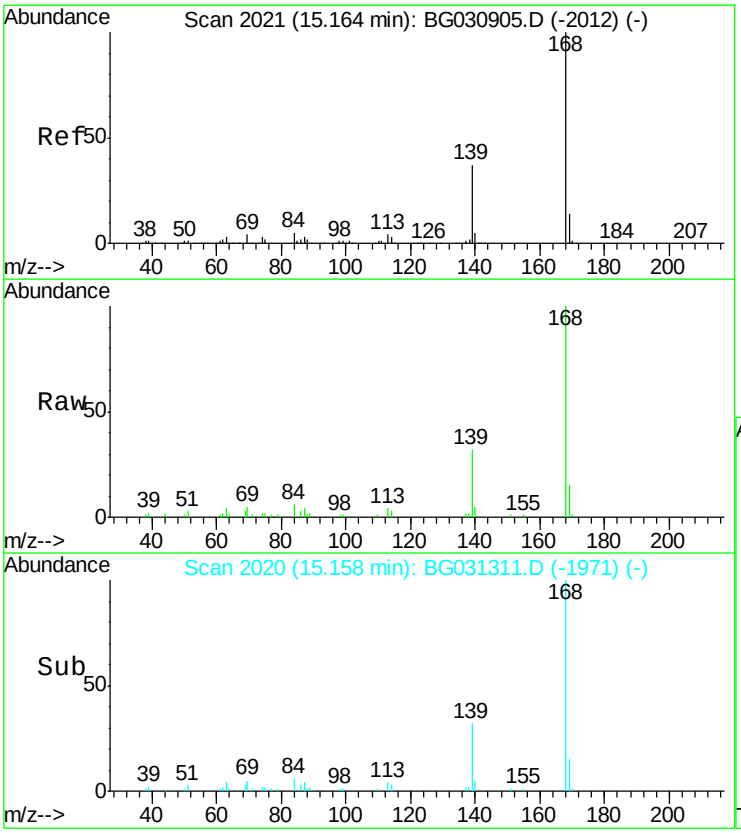
#51
Acenaphthene
Concen: 3.36 ng
RT: 14.82 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 36437

Ion	Ratio	Lower	Upper
154	100		
153	118.1	90.4	135.6
152	51.2	41.6	62.4

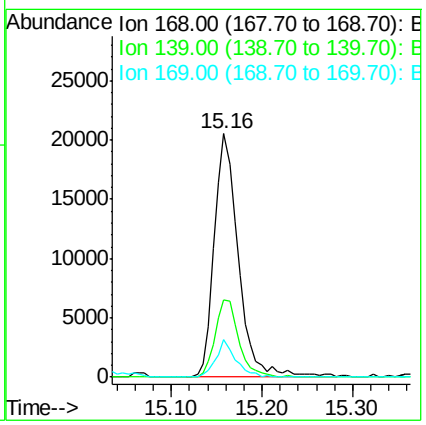


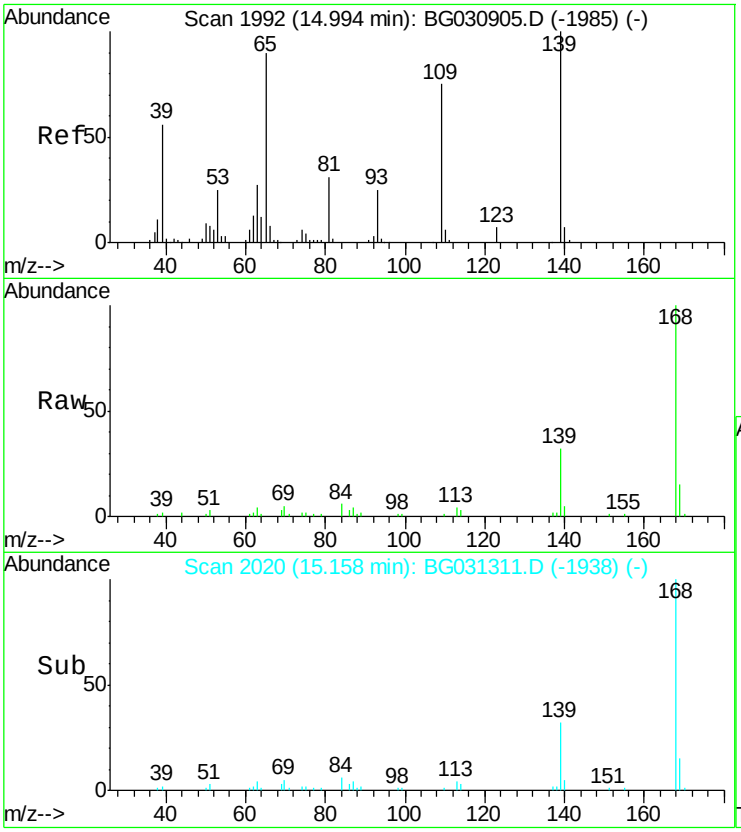


#54
Dibenzofuran
Concen: 2.19 ng
RT: 15.16 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Tgt Ion:168 Resp: 37772

Ion	Ratio	Lower	Upper
168	100		
139	31.6	28.6	43.0
169	15.4	11.2	16.8



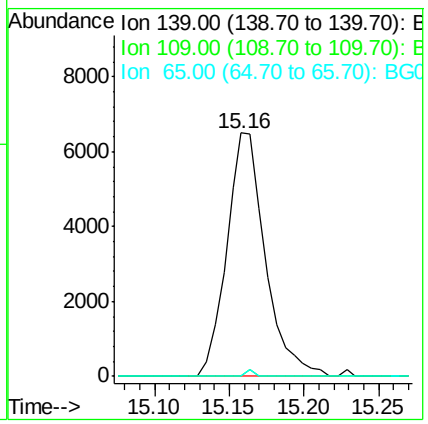


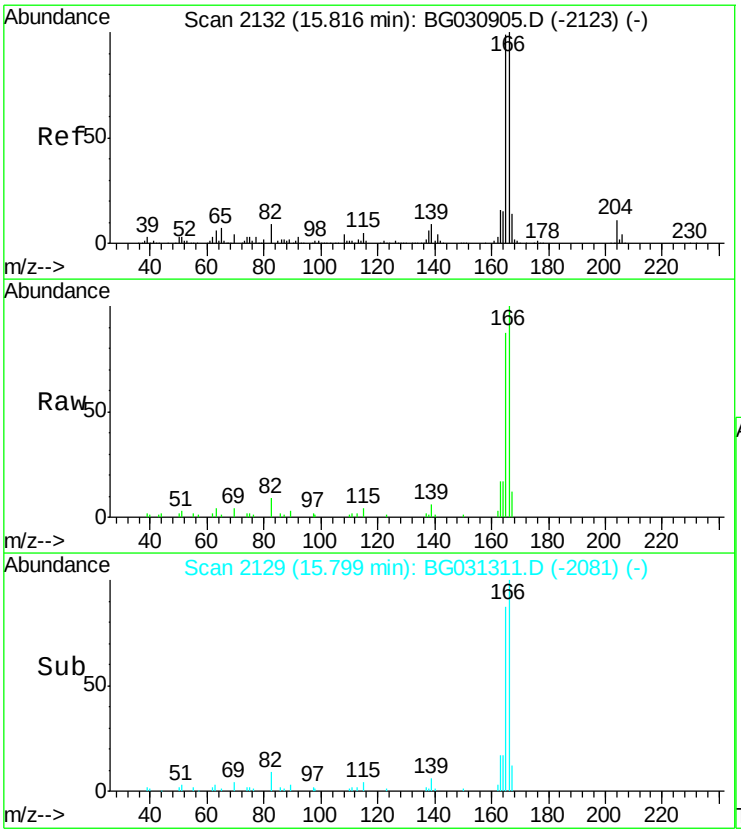
#55
4-Nitrophenol
Concen: 4.89 ng
RT: 15.16 min Scan# 2020
Delta R.T. 0.18 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 11694

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

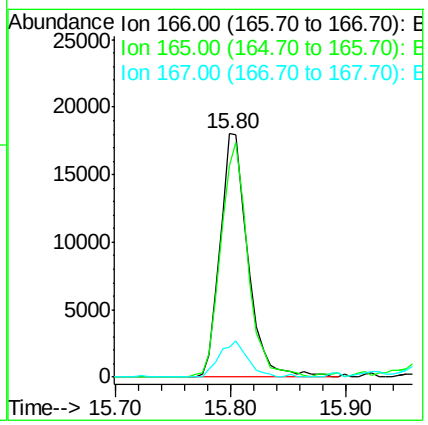


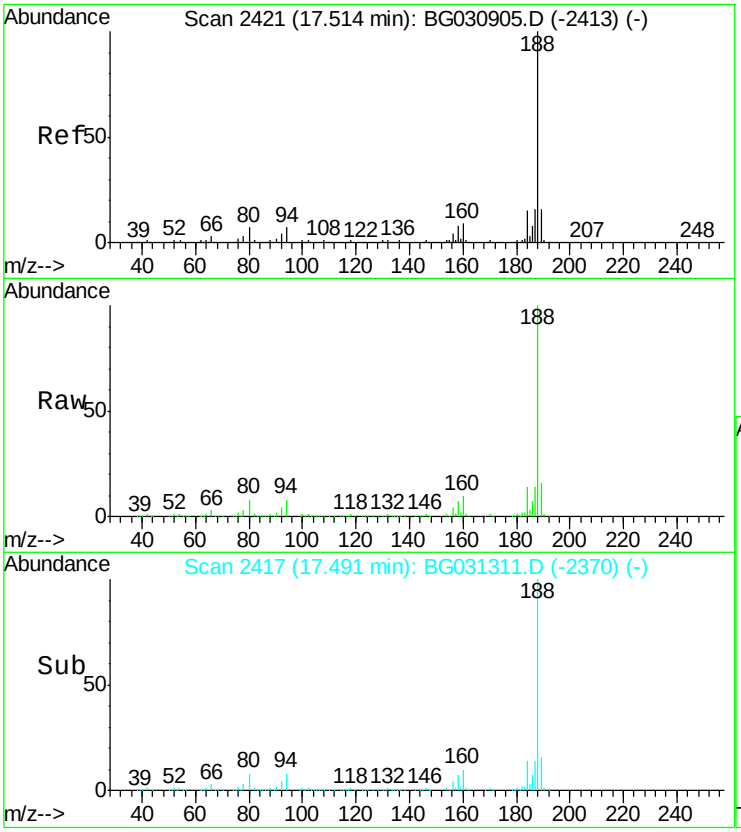


#57
Fluorene
Concen: 2.15 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Tgt Ion:166 Resp: 30071

Ion	Ratio	Lower	Upper
166	100		
165	86.7	80.6	121.0
167	12.2	10.4	15.6



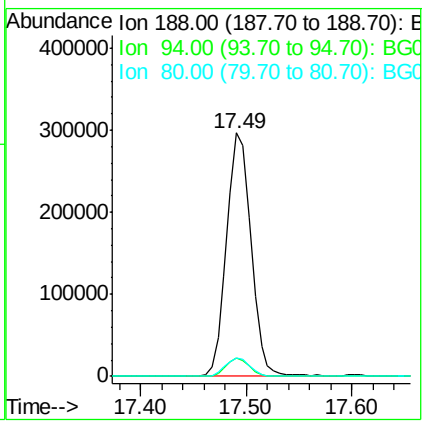


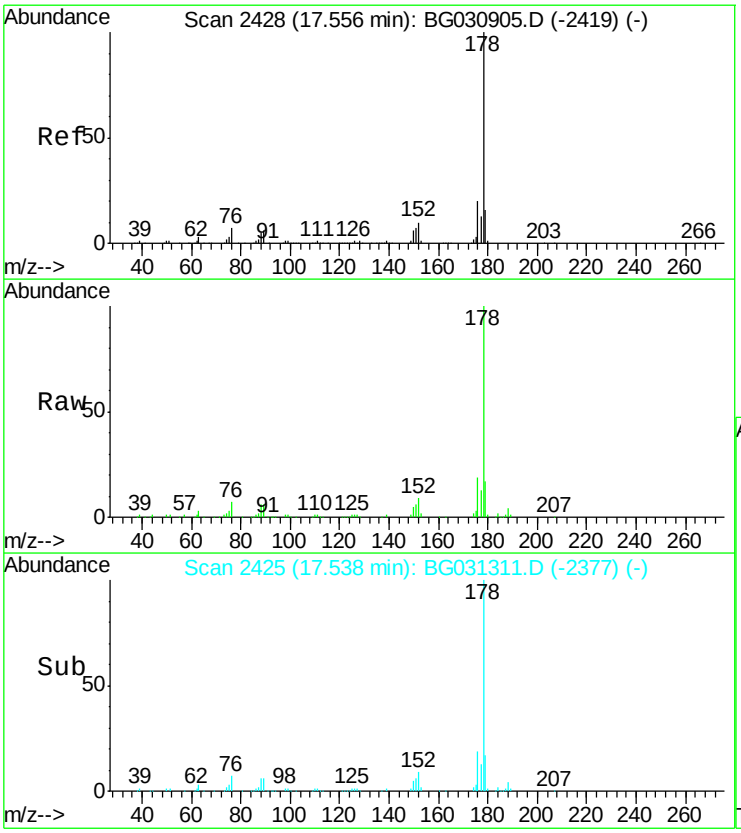
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 476975

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

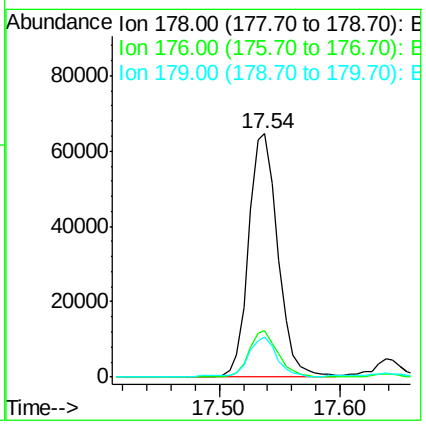


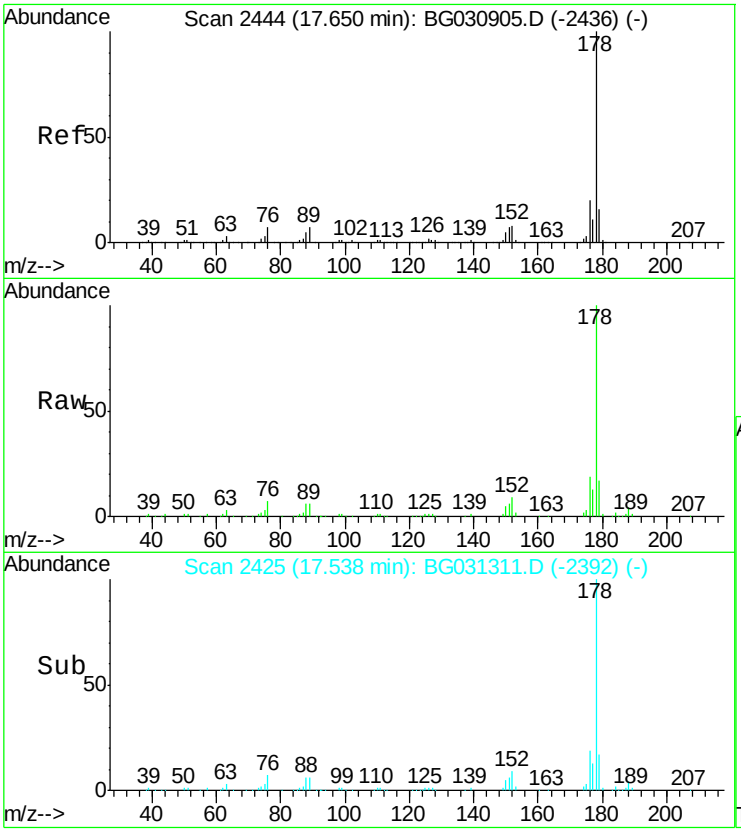


#70
Phenanthrene
Concen: 4.41 ng
RT: 17.54 min Scan# 2425
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Tgt Ion:178 Resp: 109448

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	16.7	12.5	18.7



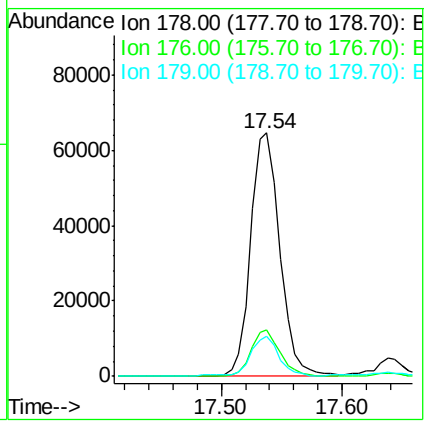


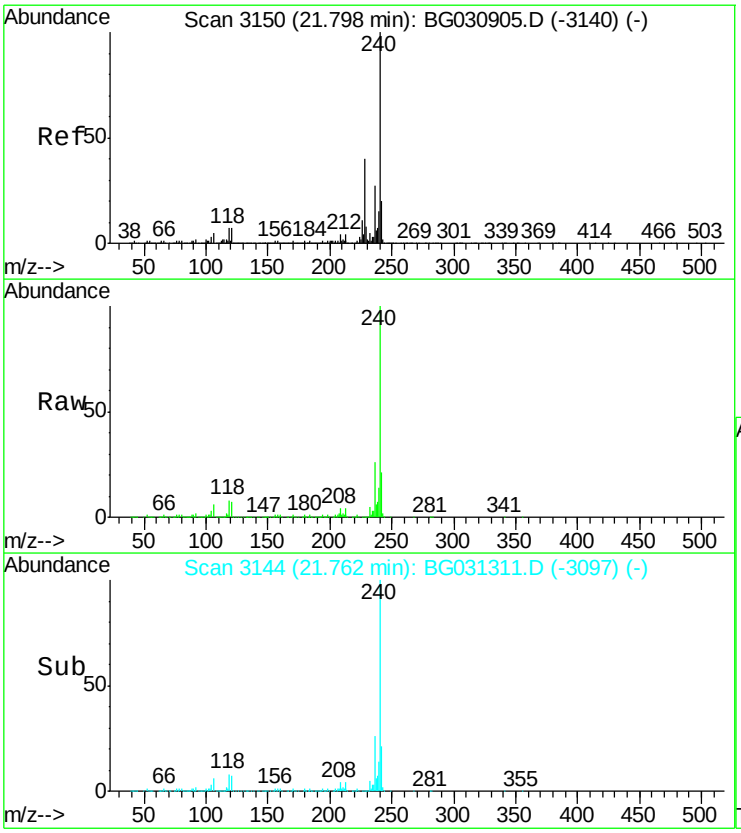
#71
Anthracene
Concen: 4.40 ng
RT: 17.54 min Scan# 2425
Delta R.T. -0.10 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 109448

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	16.7	12.5	18.7

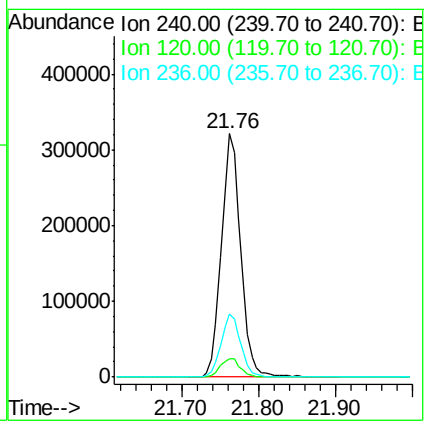


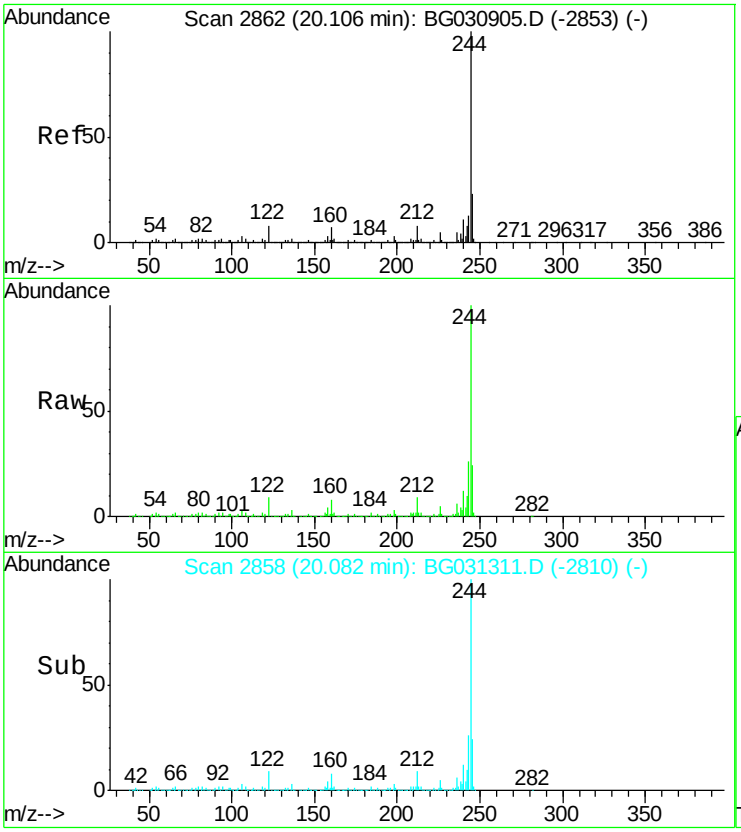


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Tgt Ion:240 Resp: 560048

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.8	10.2
236	25.9	20.9	31.3



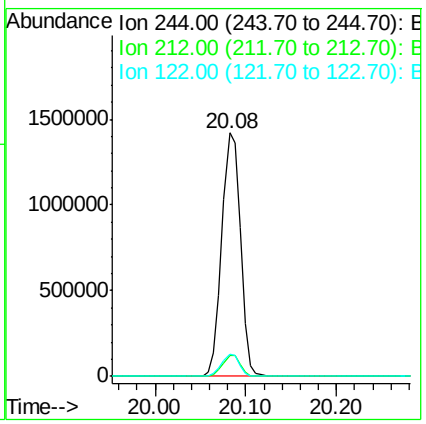


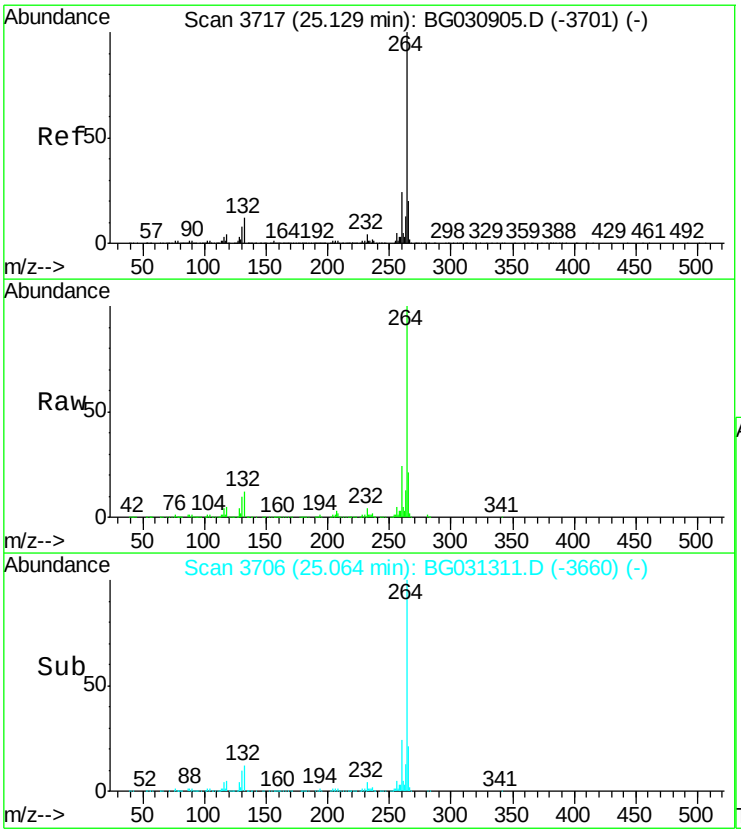
#78
Terphenyl-d14
Concen: 79.94 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2027475

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8
122	9.4	7.0	10.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Tgt Ion:264 Resp: 542883

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.3	17.7	26.5