Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
Data File : BG035467.D
Acq On : 28 Jun 2018 5:56
Operator : JU/SJ
Sample : J2711-02DL 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 28 07:24:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48014	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	187367	20.00	ng		-0.03
38) Acenaphthene-d10	14.67	164	136777	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	360419	20.00	ng		-0.02
75) Chrysene-d12	21.68	240	405676	20.00	ng		-0.04
86) Perylene-d12	24.90	264	394882	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	78547	27.61	ng		-0.02
7) Phenol-d6	7.21	99	69693	16.60	ng		-0.01
23) Nitrobenzene-d5	9.21	82	169517	43.01	ng		-0.03
41) 2,4,6-Tribromophenol	16.16	330	117425	67.06	ng		-0.02
44) 2-Fluorobiphenyl	13.29	172	386169	36.70	ng		-0.04
78) Terphenyl-d14	20.02	244	547549	28.27	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	3520	2.593	ng	#	58
19) n-Nitroso-di-n-propylamine	9.21	70	22749	6.377	ng	#	72
27) 2,4-Dimethylphenol	10.02	122	31247	10.685	ng		84
31) Naphthalene	10.91	128	457351	46.987	ng		100
32) Benzoic acid	10.02	122	31247	15.952	ng	#	11
33) 4-Chloroaniline	10.91	127	63927	15.126	ng	#	37
37) 2-Methylnaphthalene	12.72	142	121222	16.427	ng		93
49) Dimethylphthalate	14.12	163	30741	2.577	ng		99
51) Acenaphthene	14.74	154	67642	7.425	ng		97
54) Dibenzofuran	15.07	168	68159	4.996	ng		91
57) Fluorene	15.72	166	50948	4.468	ng		93
66) 4-Bromophenyl-phenylether	16.16	248	9522	2.194	ng	#	1
70) Phenanthrene	17.46	178	77597	4.238	ng		98
72) Carbazole	17.82	167	127587	7.498	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
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Acq On : 28 Jun 2018 5:56
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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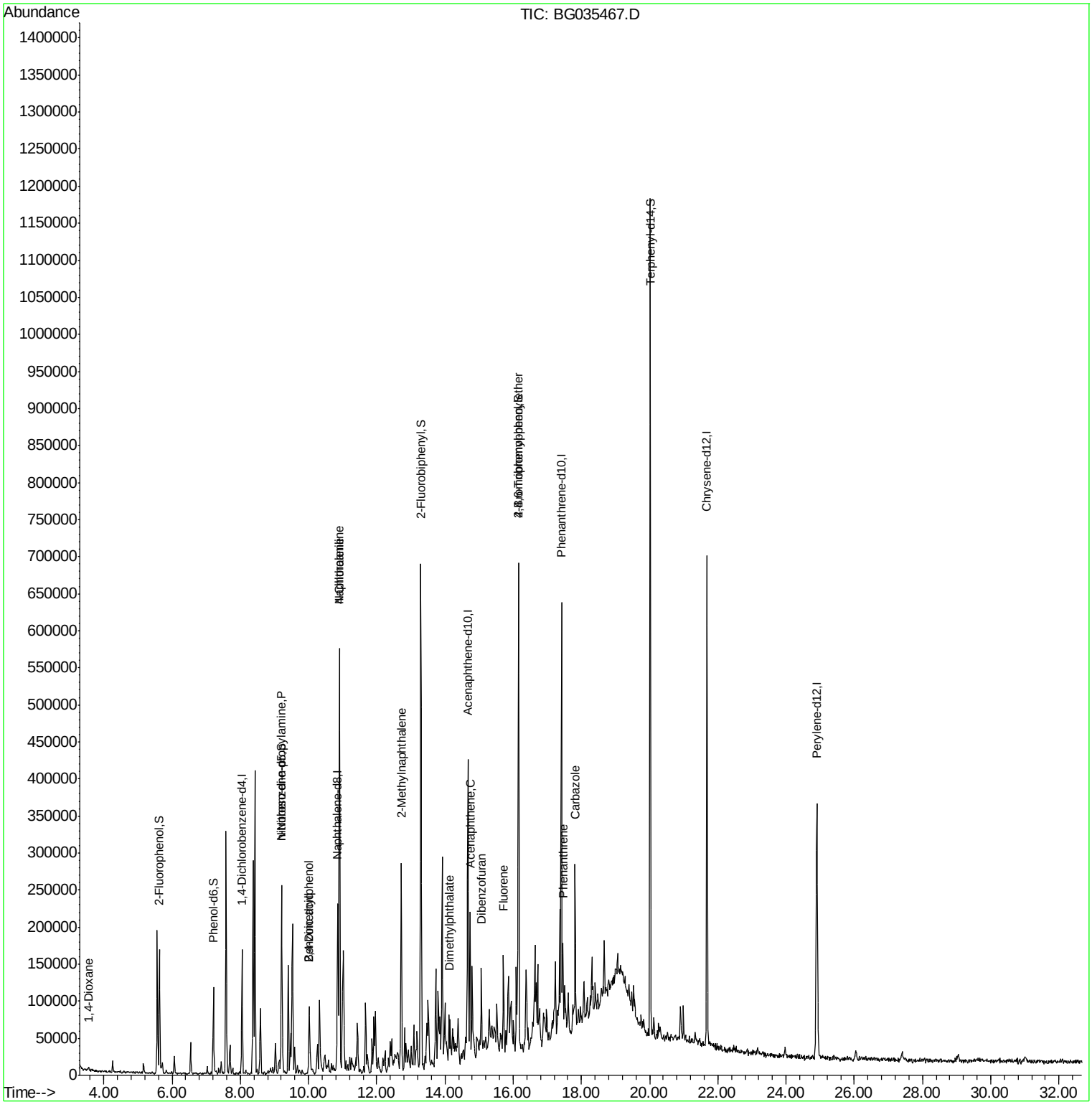
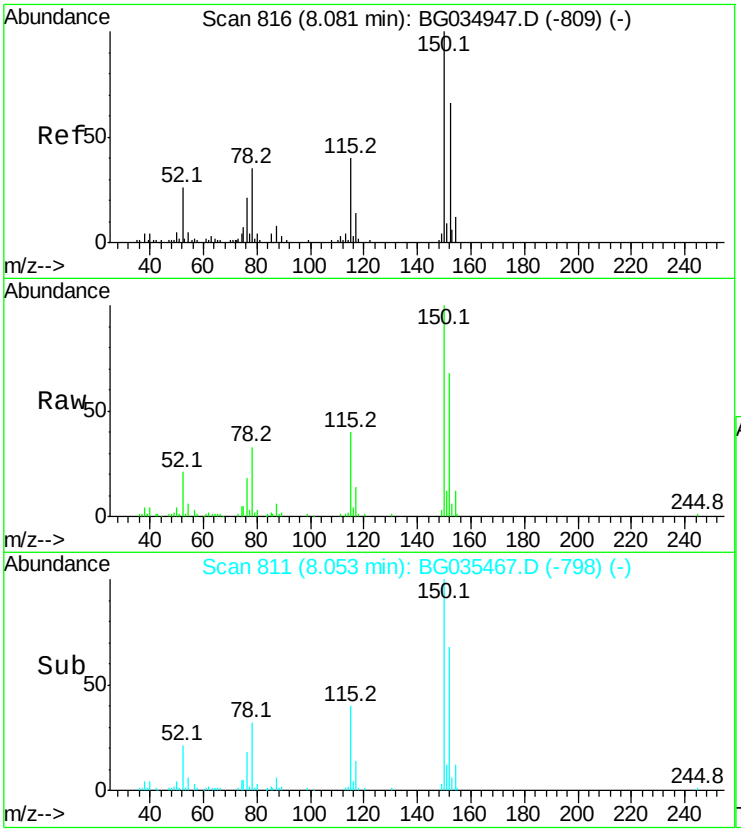


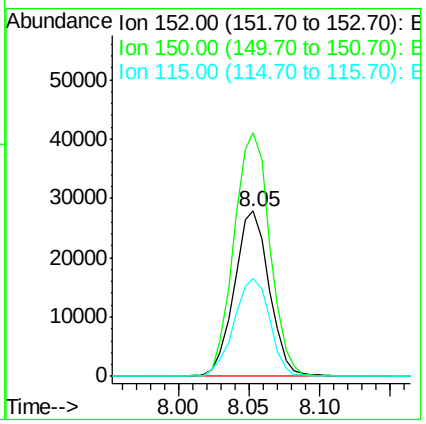


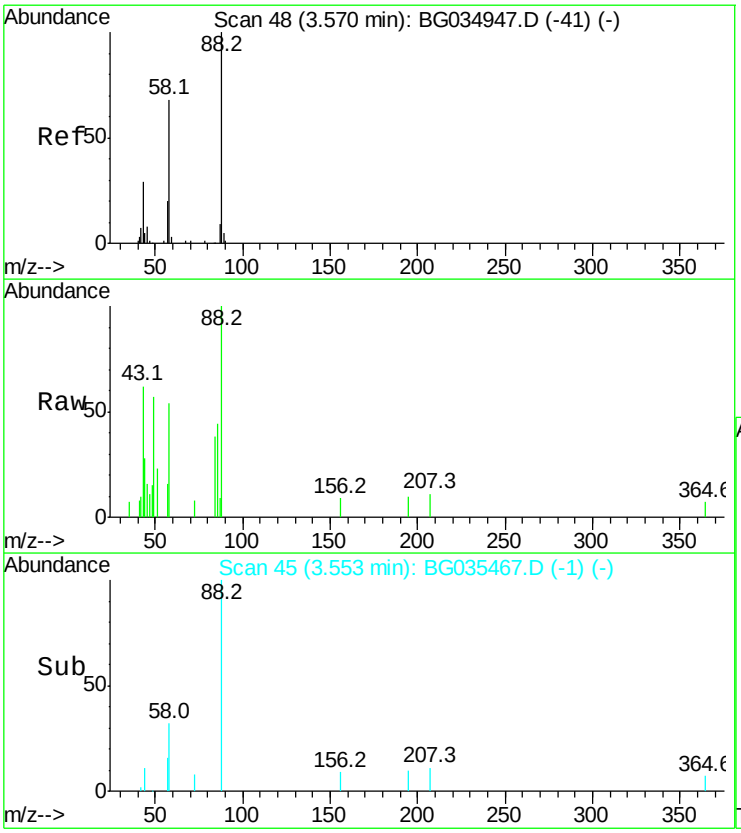
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 48014

Ion	Ratio	Lower	Upper
152	100		
150	147.1	126.6	189.8
115	59.3	53.0	79.4

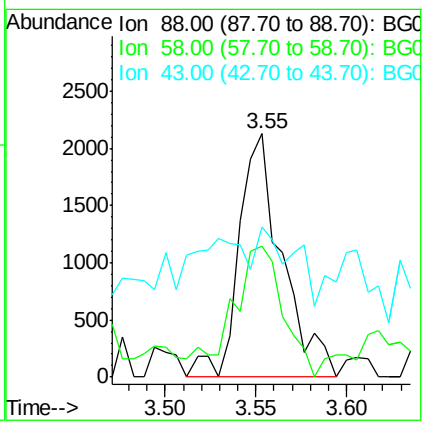


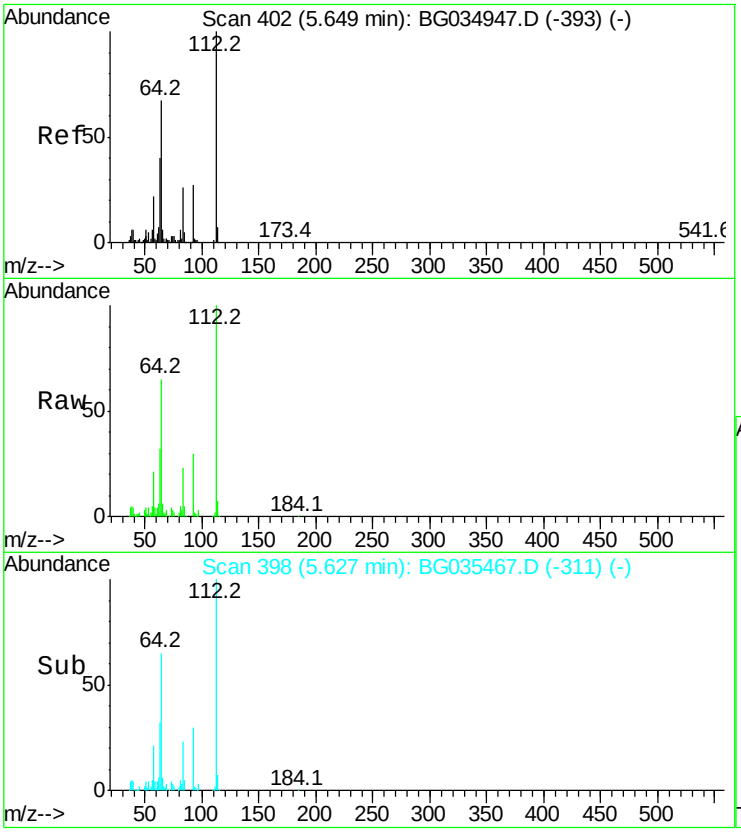


#2
1,4-Dioxane
Concen: 2.593 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Tgt Ion: 88 Resp: 3520

Ion	Ratio	Lower	Upper
88	100		
58	63.0	79.6	119.4#
43	0.0	27.4	41.0#



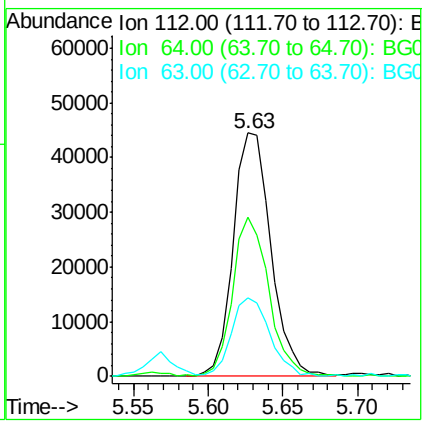


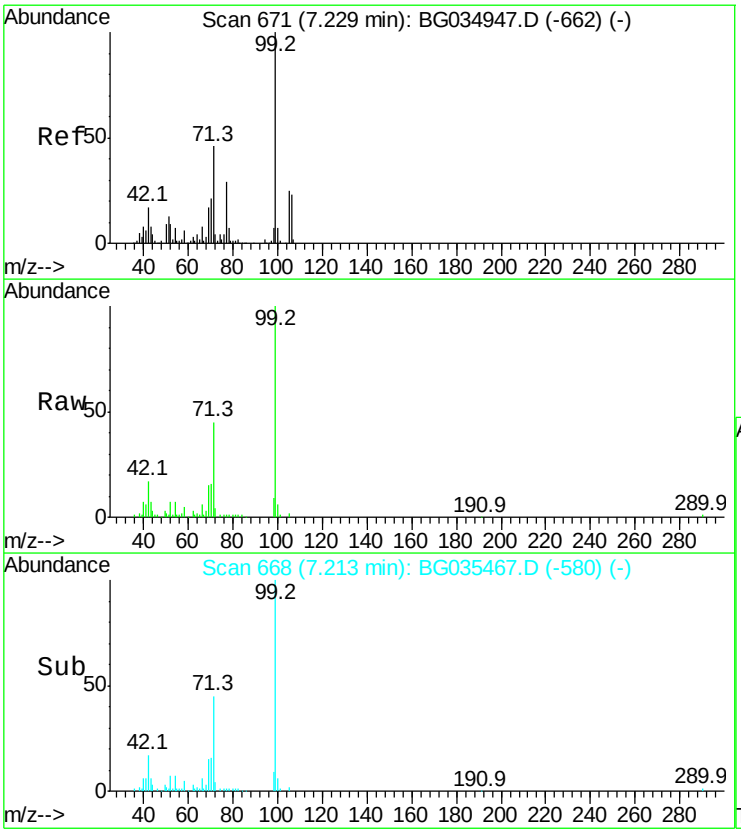
#5
2-Fluorophenol
Concen: 27.608 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 78547

Ion	Ratio	Lower	Upper
112	100		
64	65.5	56.3	84.5
63	32.0	30.1	45.1

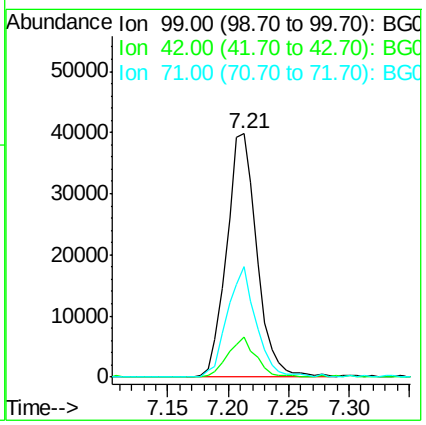


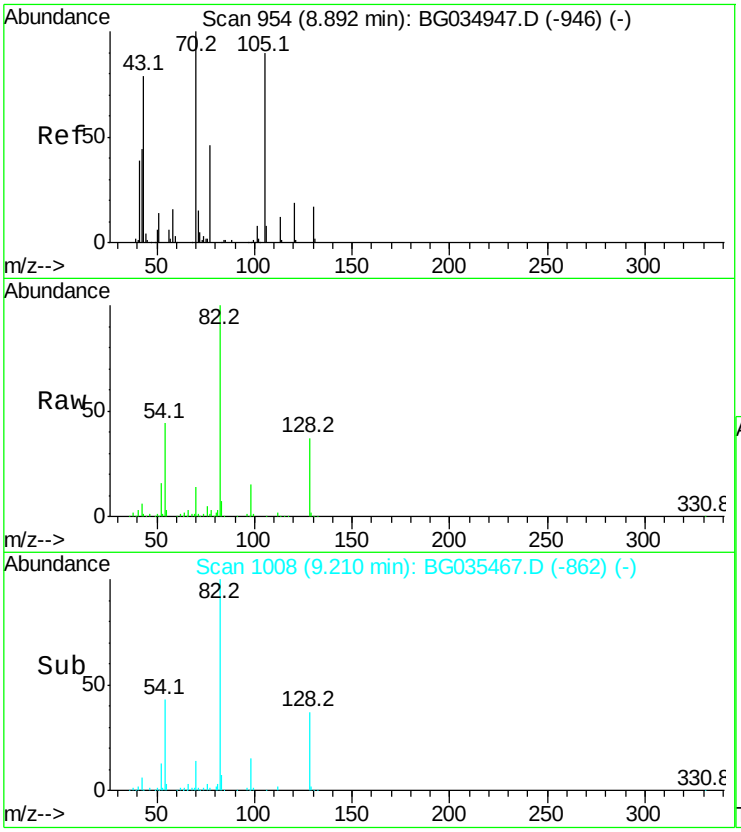


#7
Phenol-d6
Concen: 16.597 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Tgt Ion: 99 Resp: 69693

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.1	21.1
71	45.3	26.1	39.1#



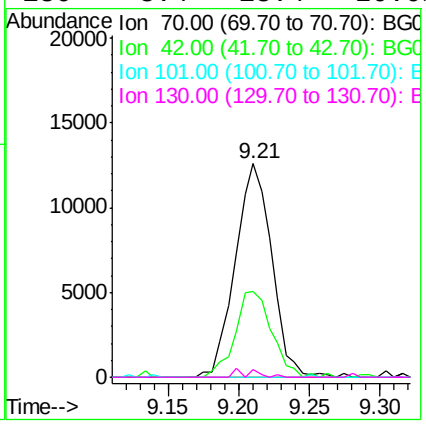


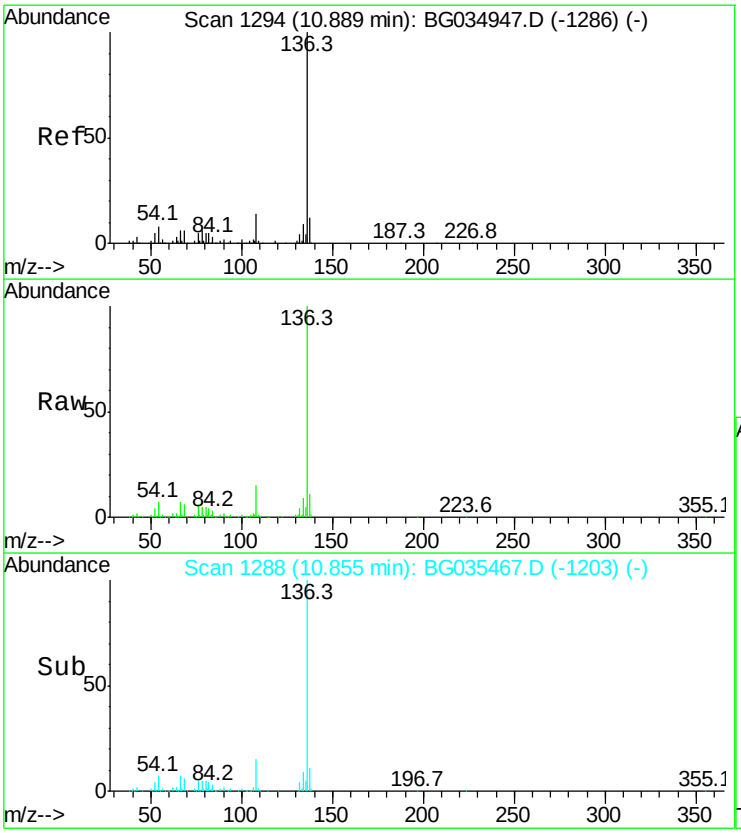
#19
n-Nitroso-di-n-propylamine
Concen: 6.377 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.33 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 22749

Ion	Ratio	Lower	Upper
70	100		
42	40.4	49.1	73.7#
101	0.0	8.5	12.7#
130	3.4	13.4	20.0#

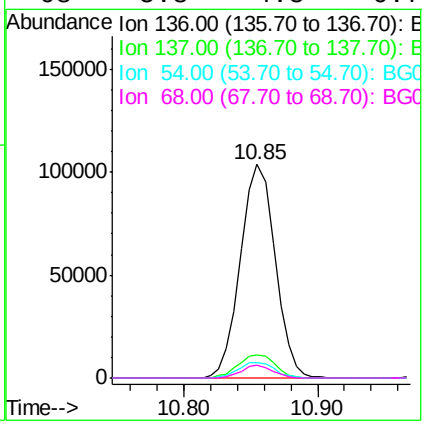


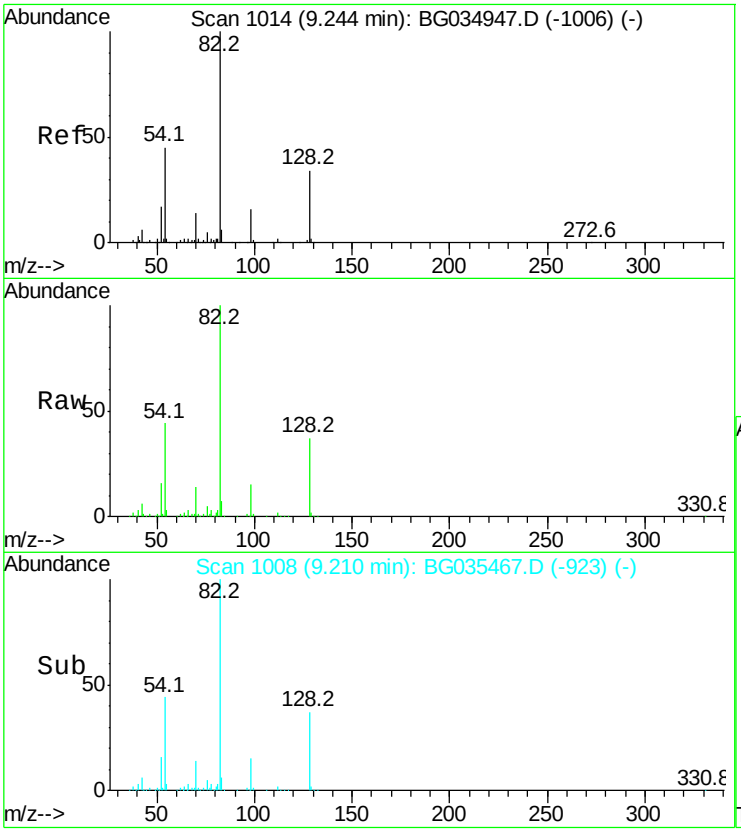


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Tgt Ion:136 Resp: 187367

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.1	10.3	15.5#
68	5.8	4.5	6.7



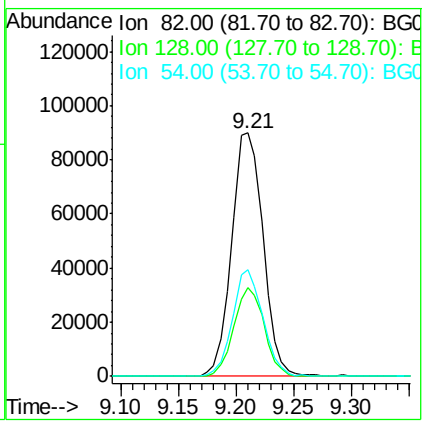


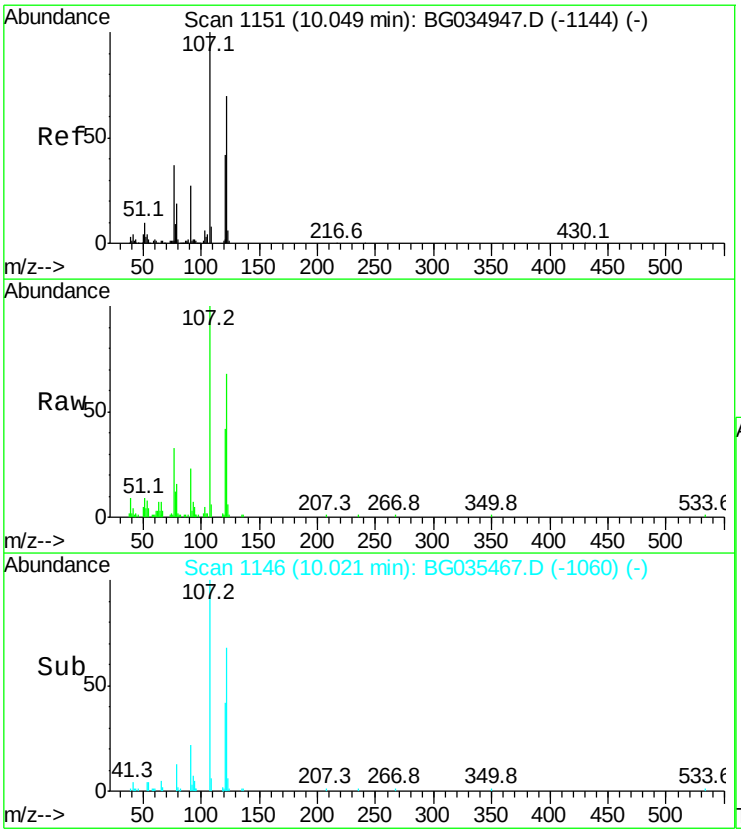
#23
Nitrobenzene-d5
Concen: 43.006 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 169517

Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.7	44.5
54	43.7	43.1	64.7

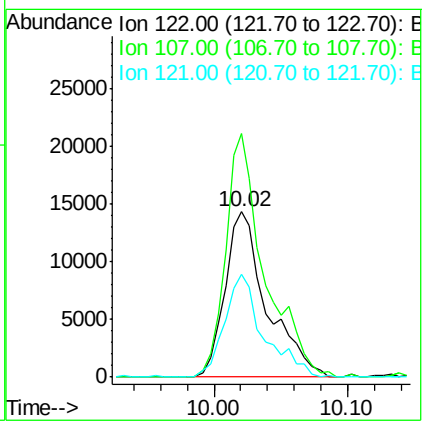


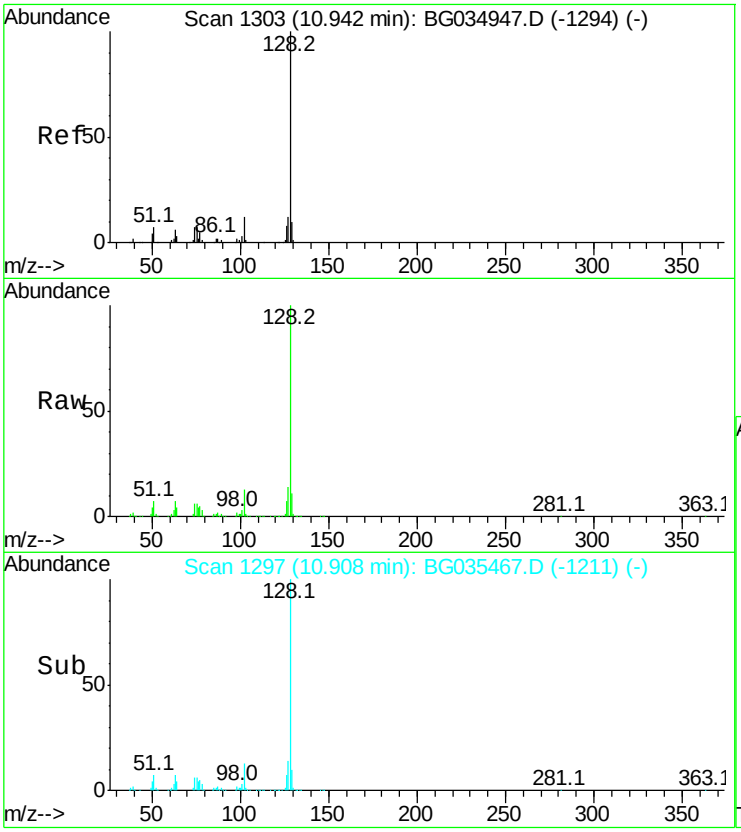


#27
2,4-Dimethylphenol
Concen: 10.685 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Tgt Ion:122 Resp: 31247

Ion	Ratio	Lower	Upper
122	100		
107	147.1	100.2	150.2
121	62.4	44.4	66.6



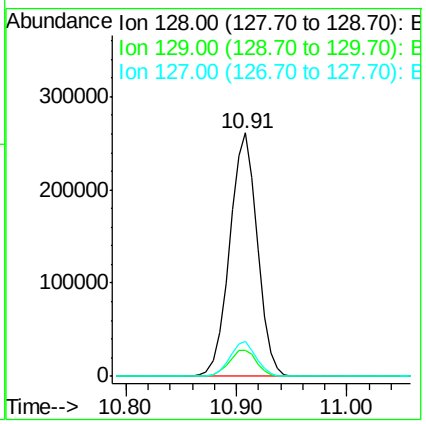


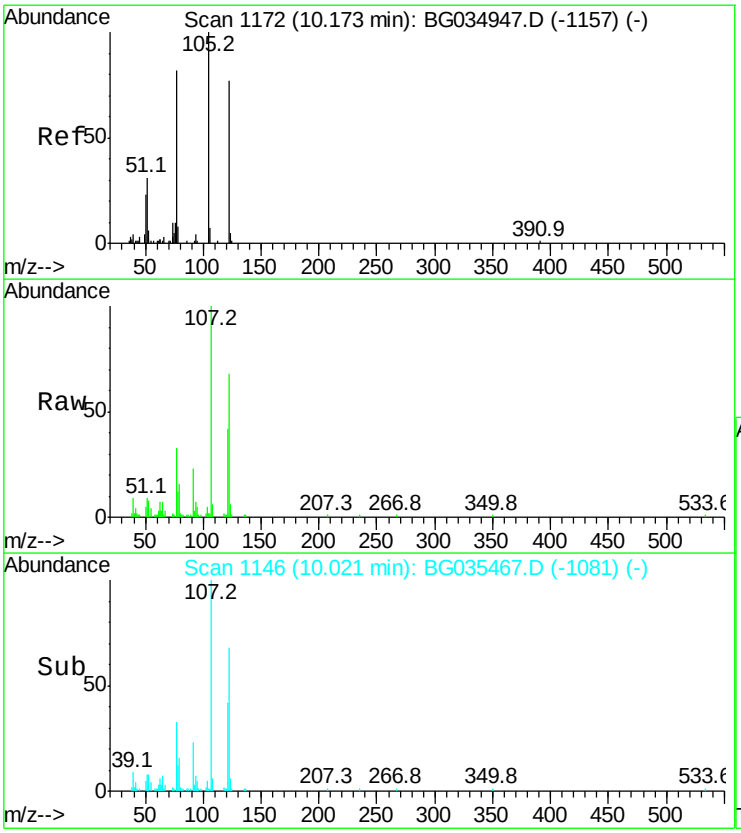
#31
Naphthalene
Concen: 46.987 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 457351

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	14.3	11.6	17.4

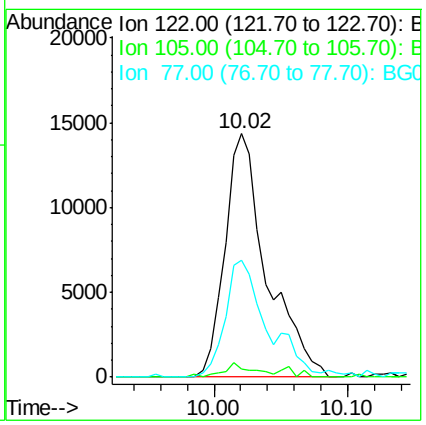


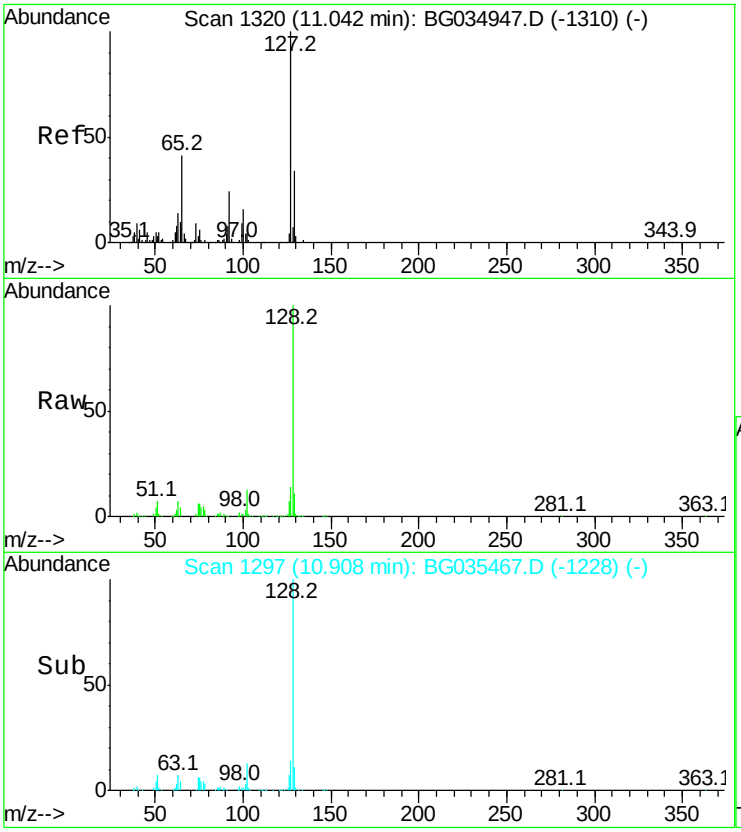


#32
Benzoic acid
Concen: 15.952 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.15 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Tgt Ion:122 Resp: 31247

Ion	Ratio	Lower	Upper
122	100		
105	3.4	123.5	163.5#
77	47.9	85.7	125.7#



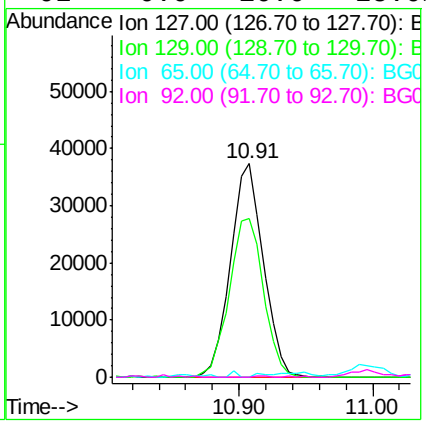


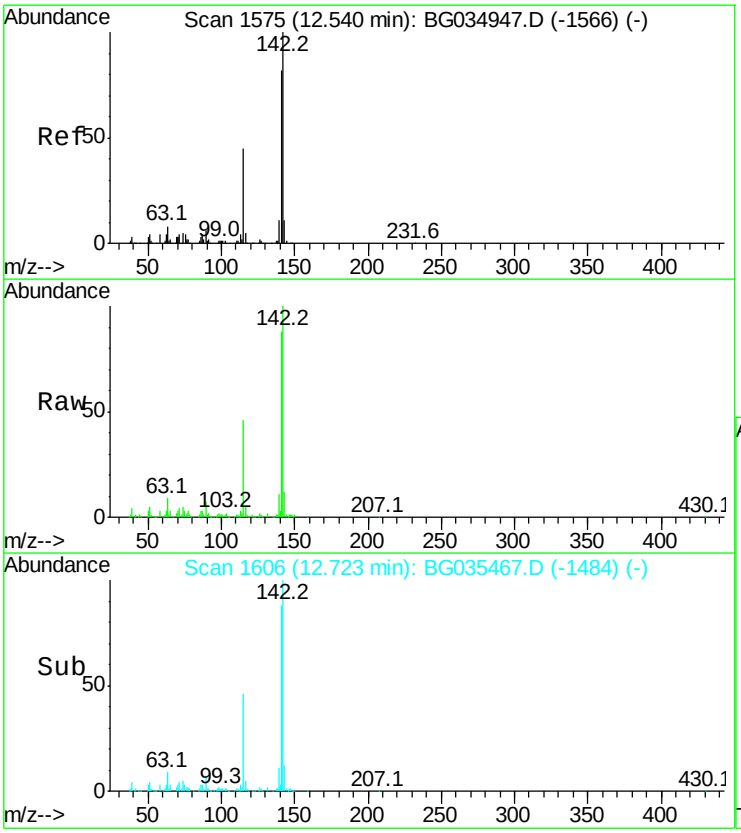
#33
4-Chloroaniline
Concen: 15.126 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.12 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 63927

Ion	Ratio	Lower	Upper
127	100		
129	74.1	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

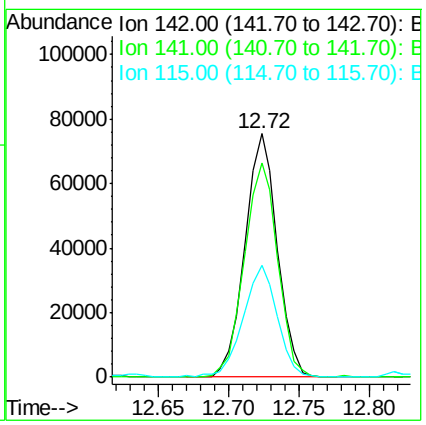


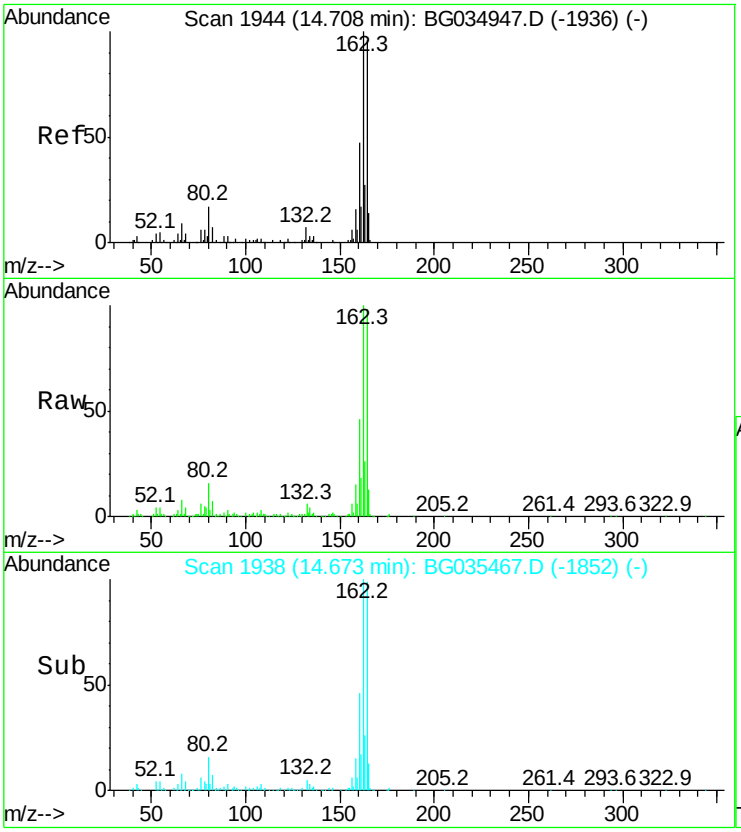


#37
2-Methylnaphthalene
Concen: 16.427 ng
RT: 12.72 min Scan# 1606
Delta R.T. 0.19 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Tgt Ion:142 Resp: 121222

Ion	Ratio	Lower	Upper
142	100		
141	88.2	67.1	100.7
115	46.0	30.7	46.1



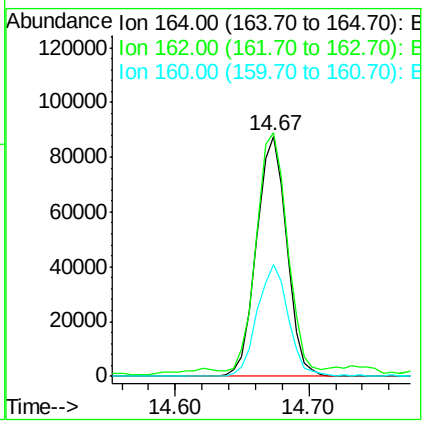


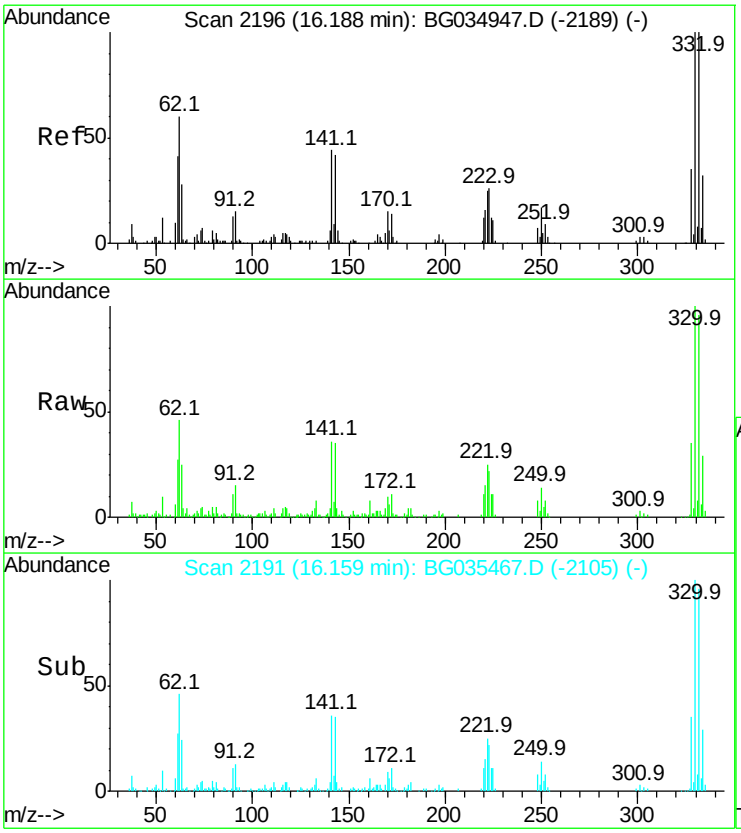
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 136777

Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	46.6	35.4	53.0

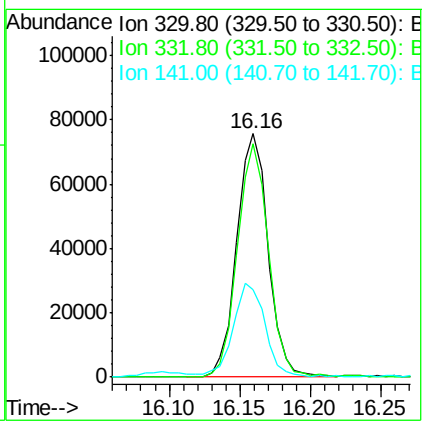


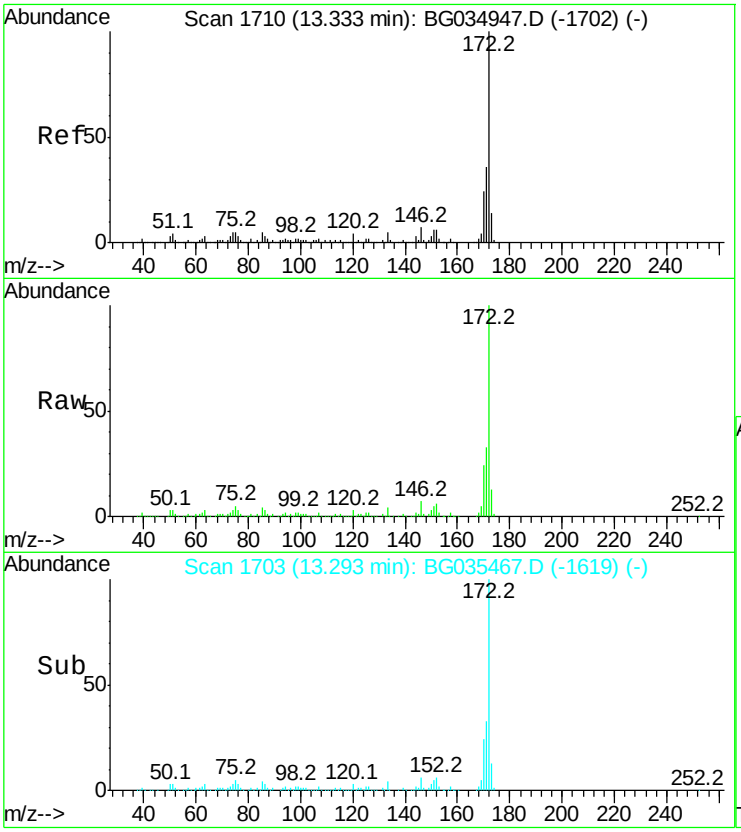


#41
2,4,6-Tribromophenol
Concen: 67.065 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Tgt Ion:330 Resp: 117425

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	38.5	25.2	37.8#



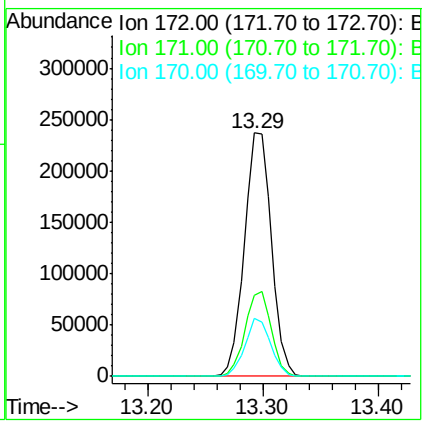


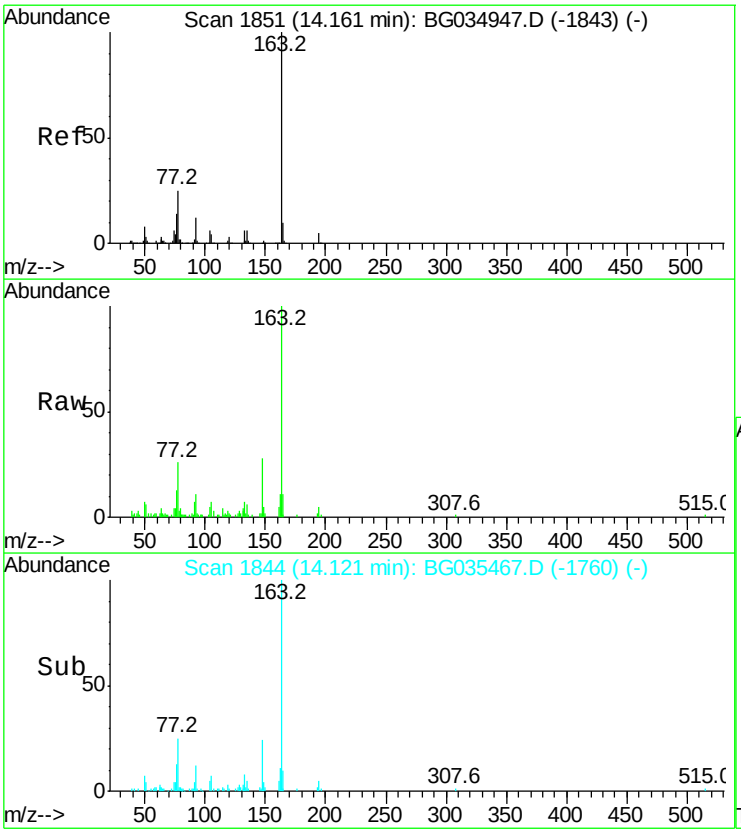
#44
2-Fluorobiphenyl
Concen: 36.703 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.04 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 386169

Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.0	45.0
170	23.6	19.5	29.3

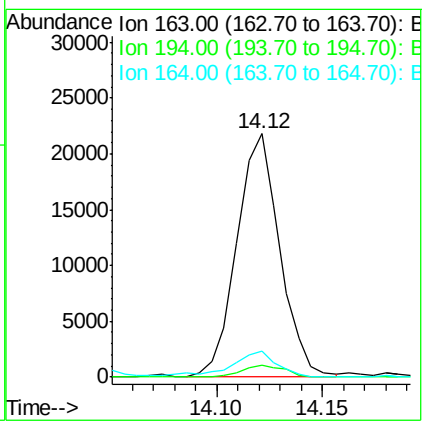


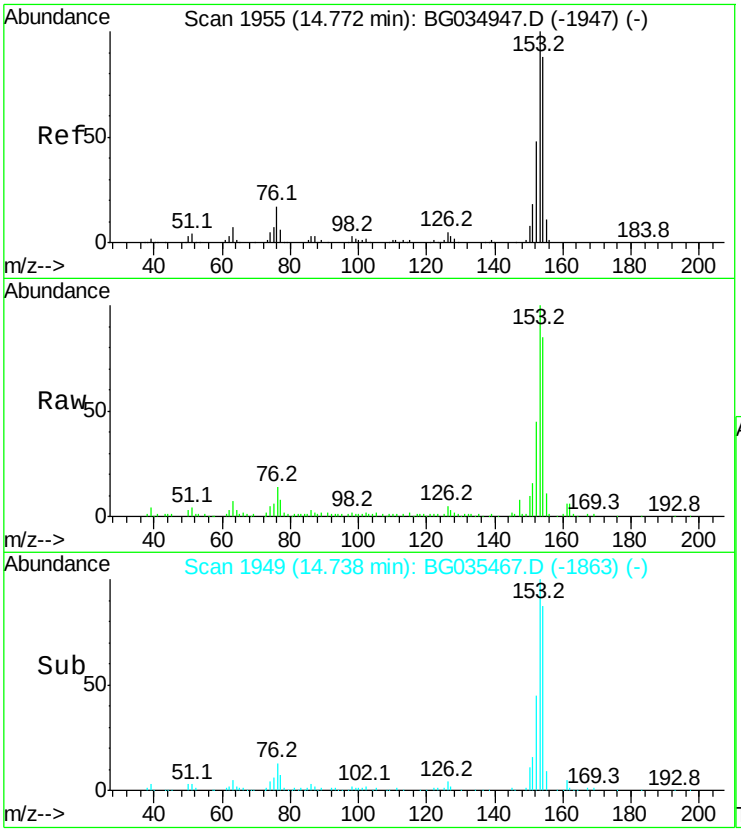


#49
Dimethylphthalate
Concen: 2.577 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.04 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Tgt Ion:163 Resp: 30741

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.6	8.2	12.4



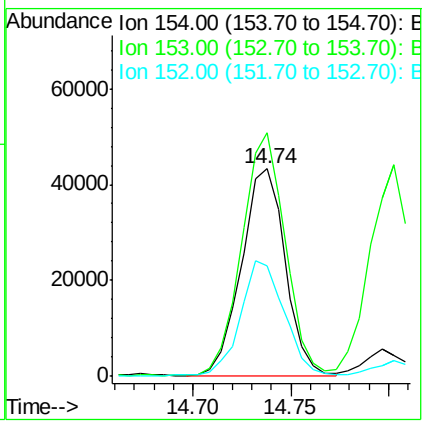


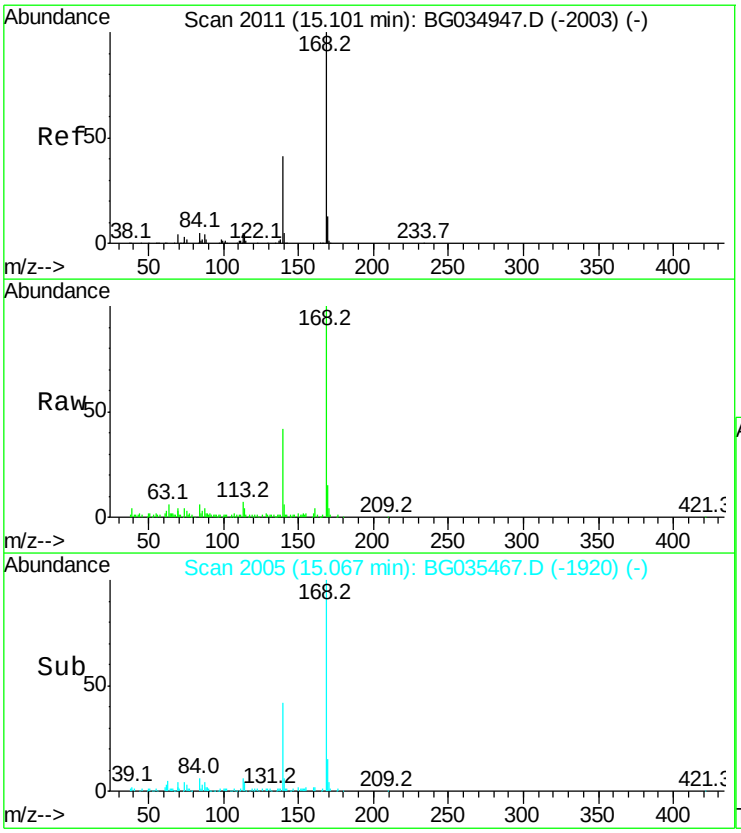
#51
Acenaphthene
Concen: 7.425 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 67642

Ion	Ratio	Lower	Upper
154	100		
153	117.2	90.4	135.6
152	53.0	41.6	62.4

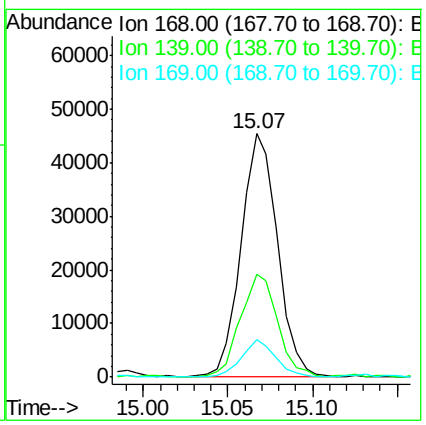


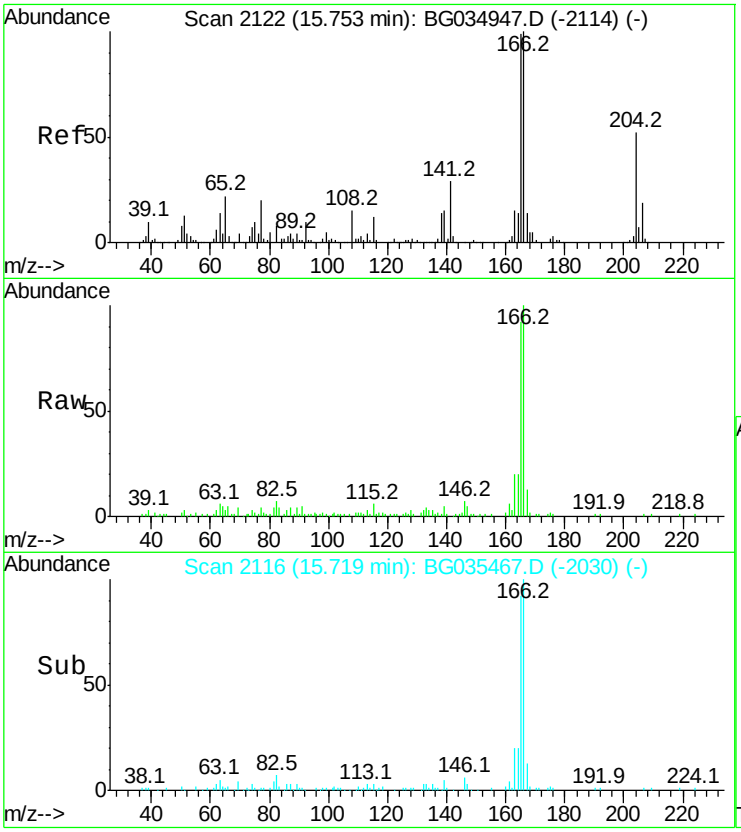


#54
Dibenzofuran
Concen: 4.996 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.03 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Tgt Ion:168 Resp: 68159

Ion	Ratio	Lower	Upper
168	100		
139	42.1	28.6	43.0
169	15.3	11.2	16.8



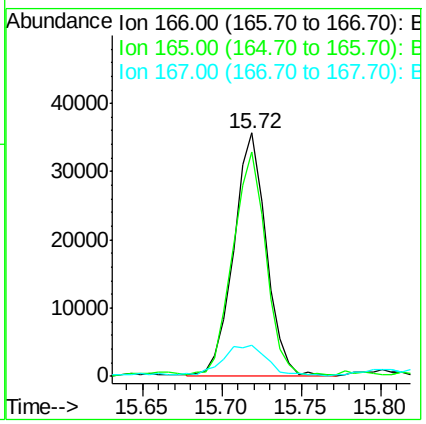


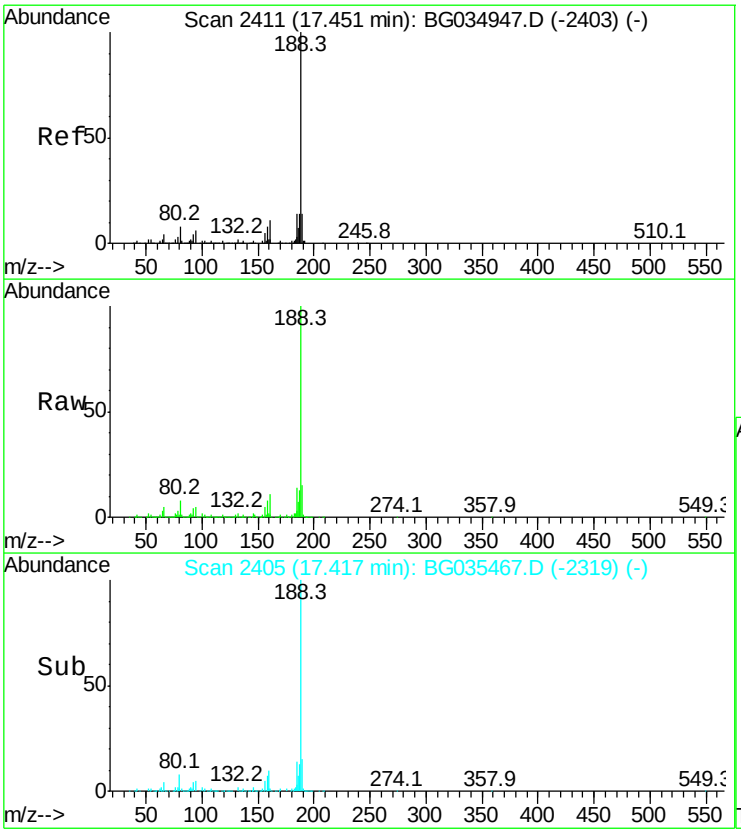
#57
Fluorene
Concen: 4.468 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.02 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 50948

Ion	Ratio	Lower	Upper
166	100		
165	92.4	80.6	121.0
167	12.7	10.4	15.6

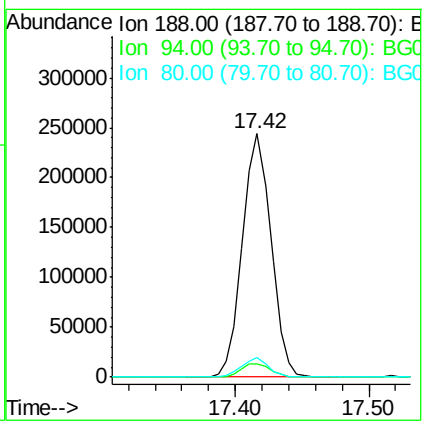


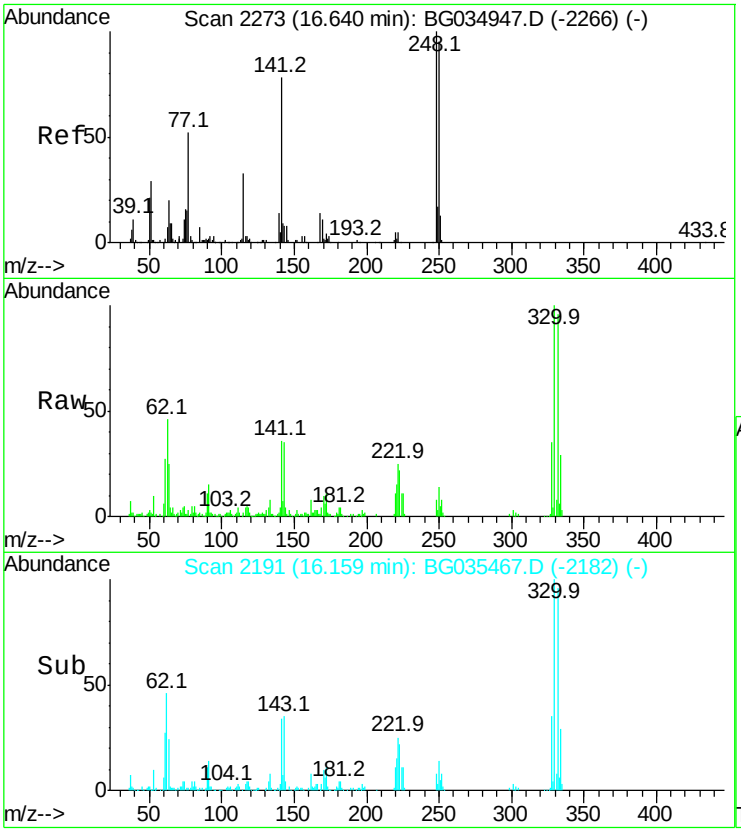


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Tgt Ion:188 Resp: 360419

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	8.0	7.7	11.5



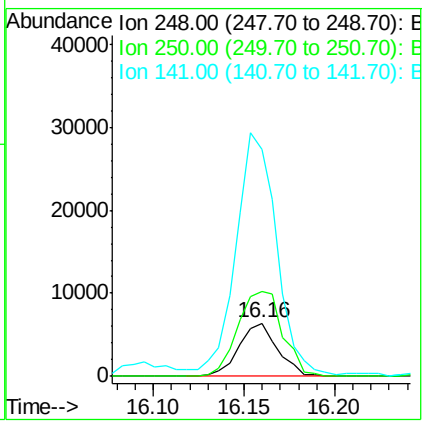


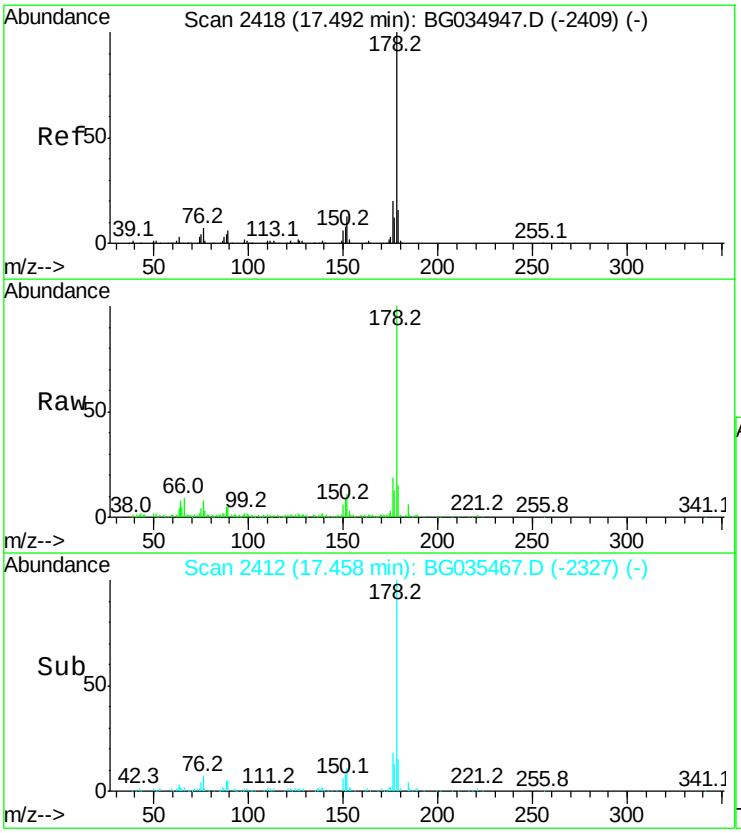
#66
4-Bromophenyl-phenylether
Concen: 2.194 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 9522

Ion	Ratio	Lower	Upper
248	100		
250	160.5	77.1	115.7#
141	427.6	50.8	76.2#

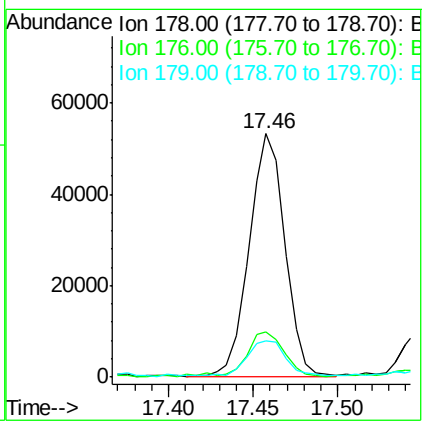


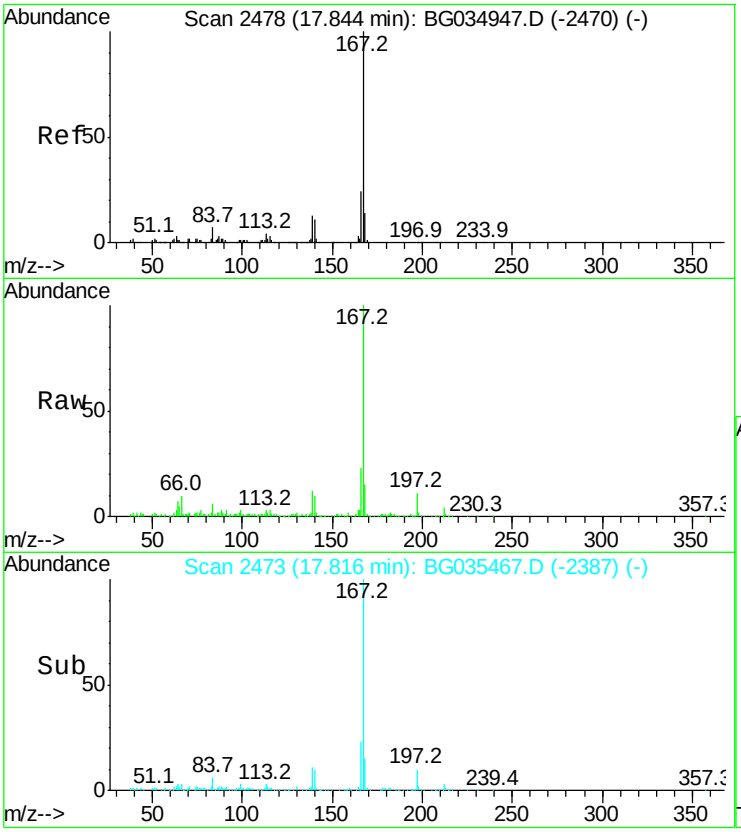


#70
Phenanthrene
Concen: 4.238 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.03 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Tgt Ion:178 Resp: 77597

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.1	12.5	18.7



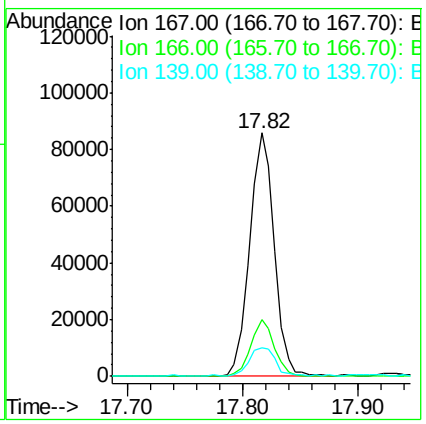


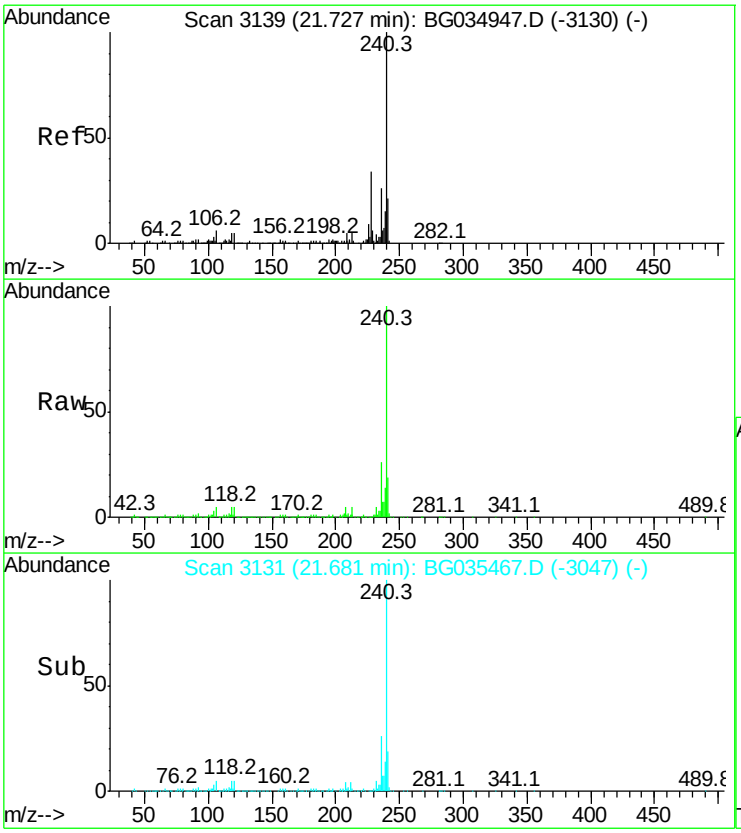
#72
Carbazole
Concen: 7.498 ng
RT: 17.82 min Scan# 2473
Delta R.T. -0.02 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 127587

Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.2	27.4
139	11.7	9.4	14.2

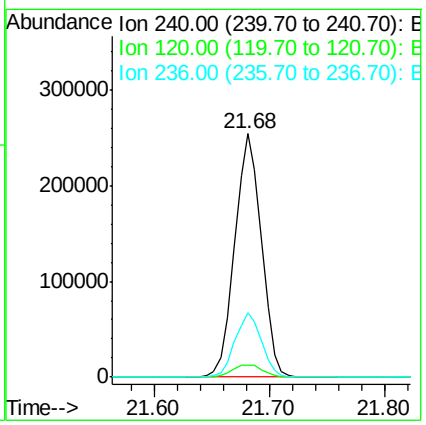


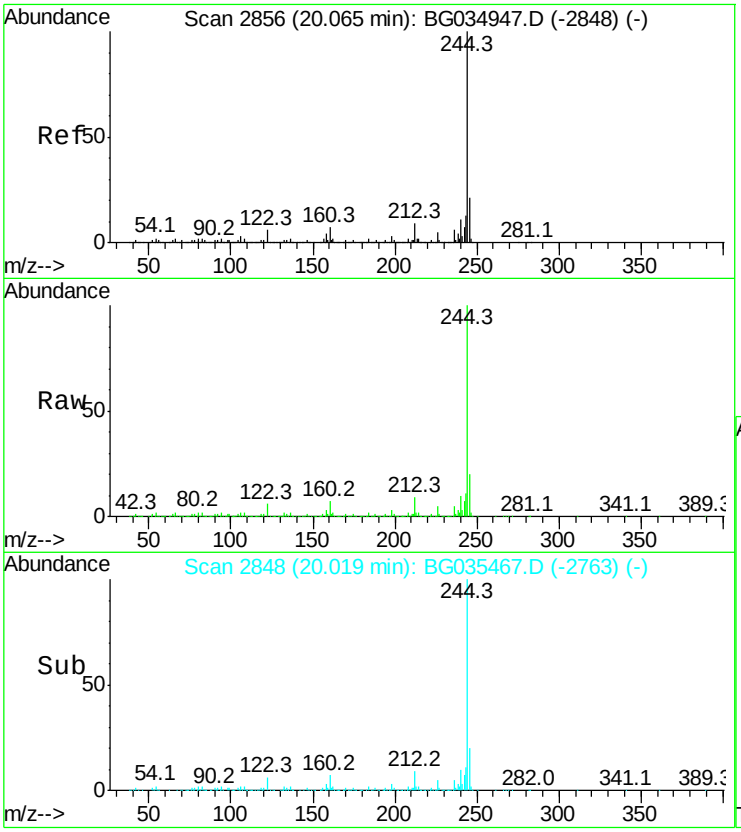


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Tgt Ion:240 Resp: 405676

Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.8	10.2#
236	26.3	20.9	31.3



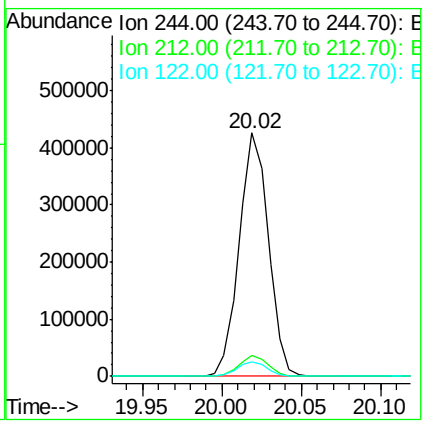


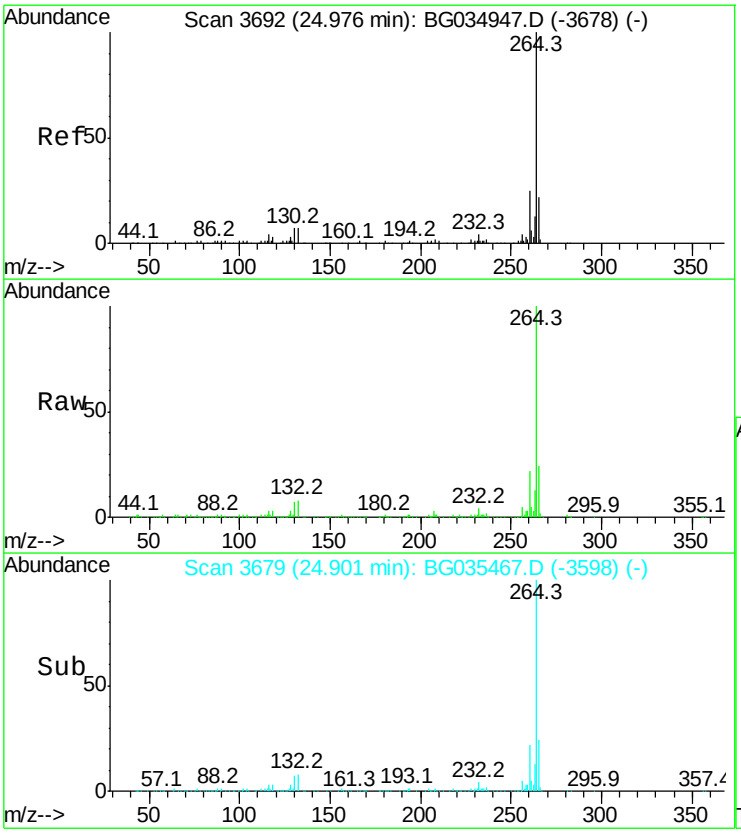
#78
Terphenyl-d14
Concen: 28.272 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.03 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 547549

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	5.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035467.D
Acq: 28 Jun 2018 5:56

Tgt Ion:264 Resp: 394882

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	24.2	17.7	26.5