Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062018\
Data File : BG035281.D
Acq On : 21 Jun 2018 2:03
Operator : SJ/JU
Sample : PB110428TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 21 03:59:49 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	8.06	152	56623	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	198866	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	138837	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	376859	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	419270	20.00	ng	-0.03
86) Perylene-d12	24.91	264	392805	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	453042	135.03	ng	-0.01
7) Phenol-d6	7.21	99	641196	129.48	ng	-0.01
23) Nitrobenzene-d5	9.22	82	405132	96.84	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	281954	158.64	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	936376	87.68	ng	-0.02
78) Terphenyl-d14	20.03	244	1709707	85.42	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	55327	13.151	ng	# 66
50) 2,6-Dinitrotoluene	14.68	165	17832	8.073	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	17832	6.078	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	22197	4.891	ng	# 1

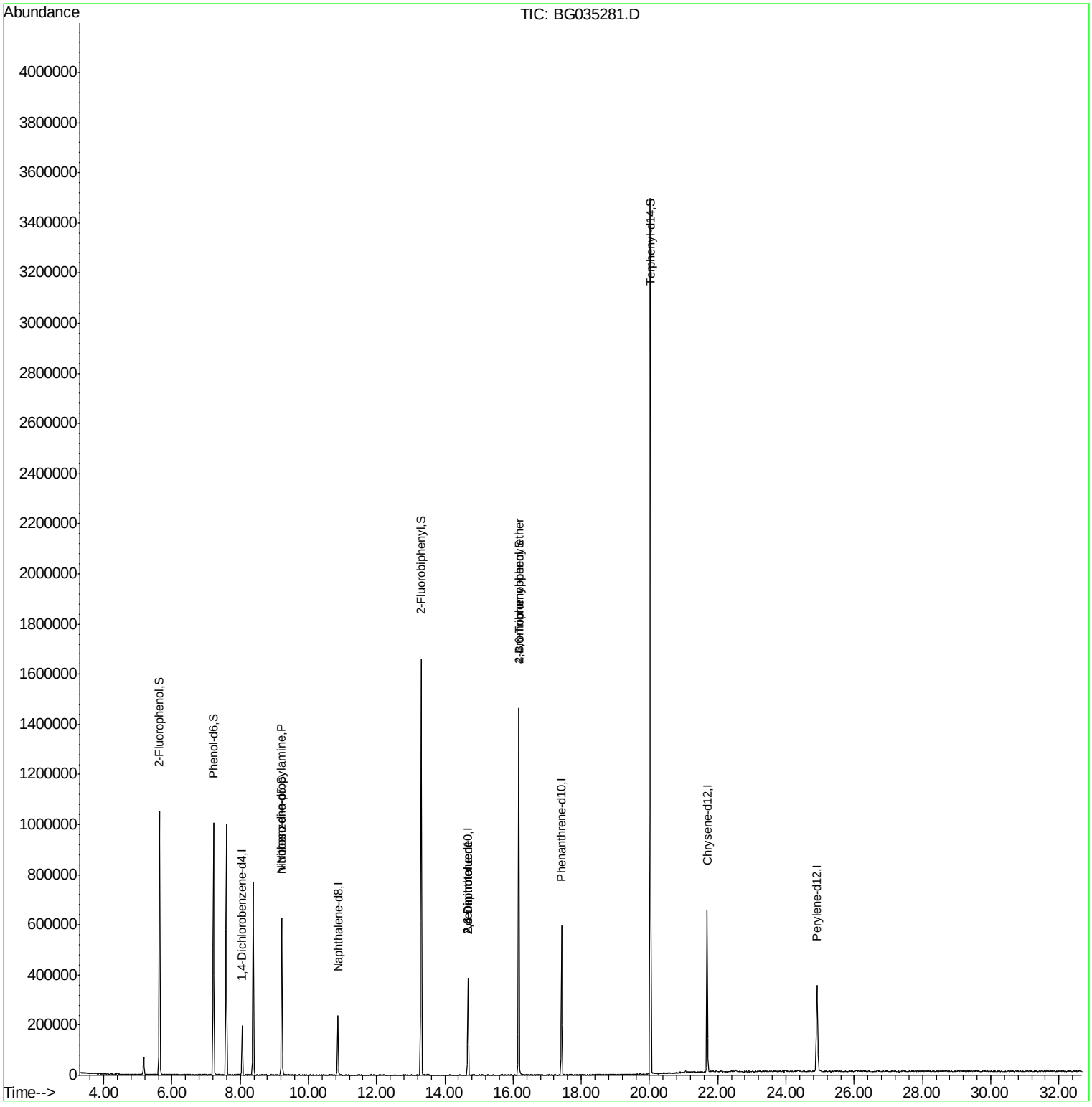
(#) = qualifier out of range (m) = manual integration (+) = signals summed

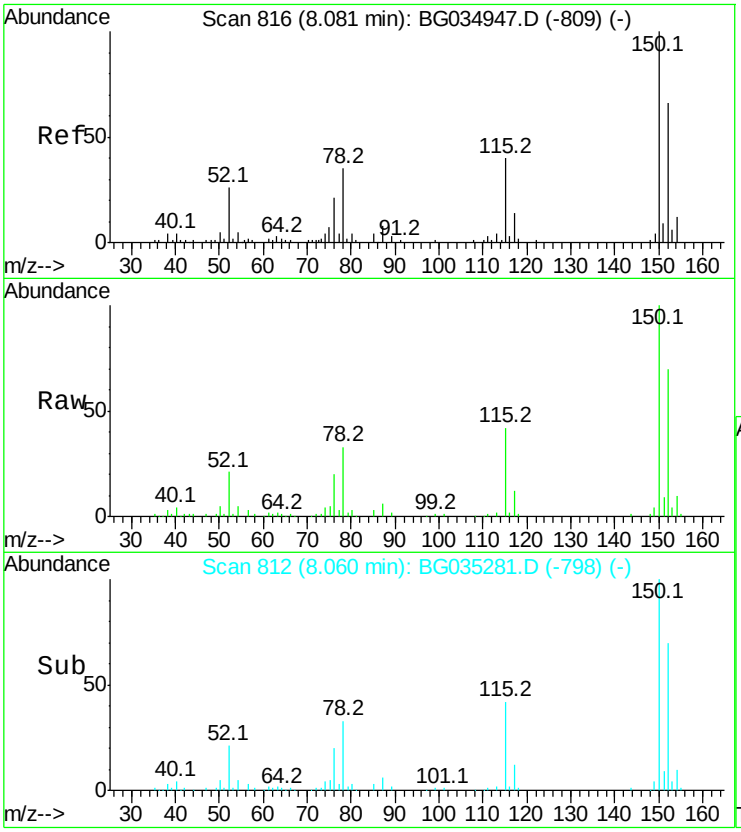
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062018\
Data File : BG035281.D
Acq On : 21 Jun 2018 2:03
Operator : SJ/JU
Sample : PB110428TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 21 03:59:49 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



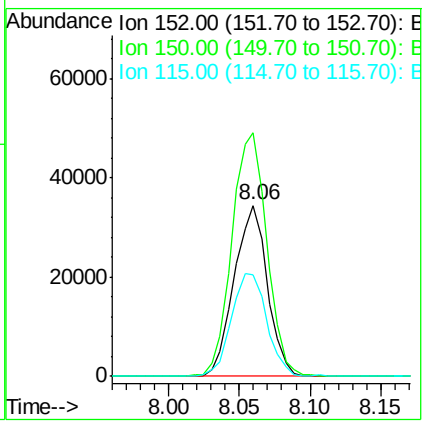


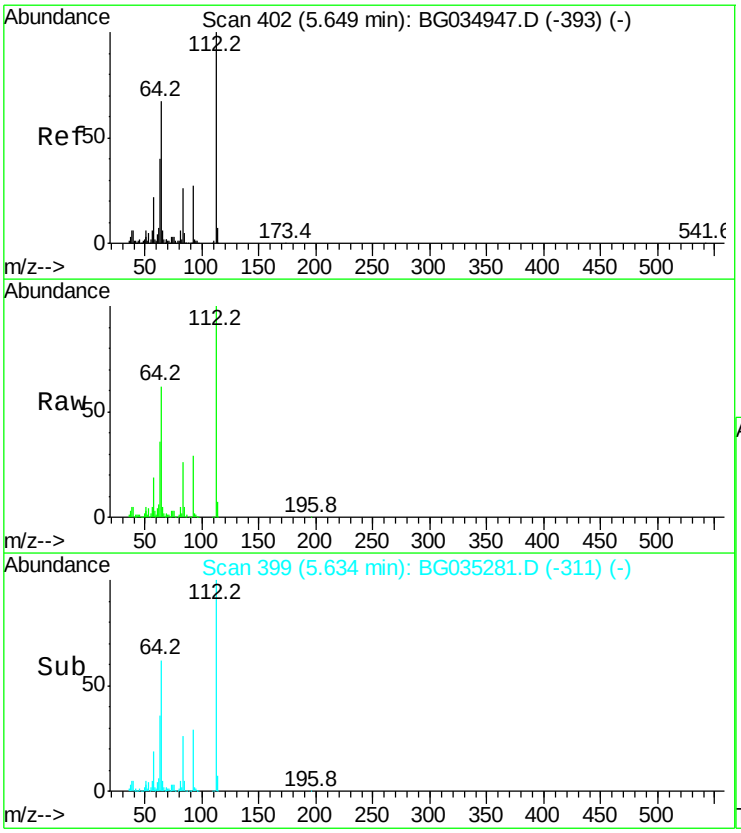
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035281.D
Acq: 21 Jun 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 56623

Ion	Ratio	Lower	Upper
152	100		
150	142.6	126.6	189.8
115	59.8	53.0	79.4

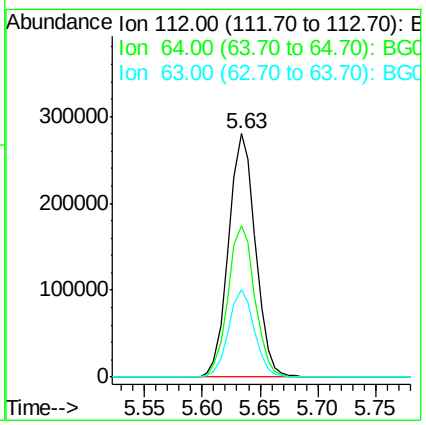


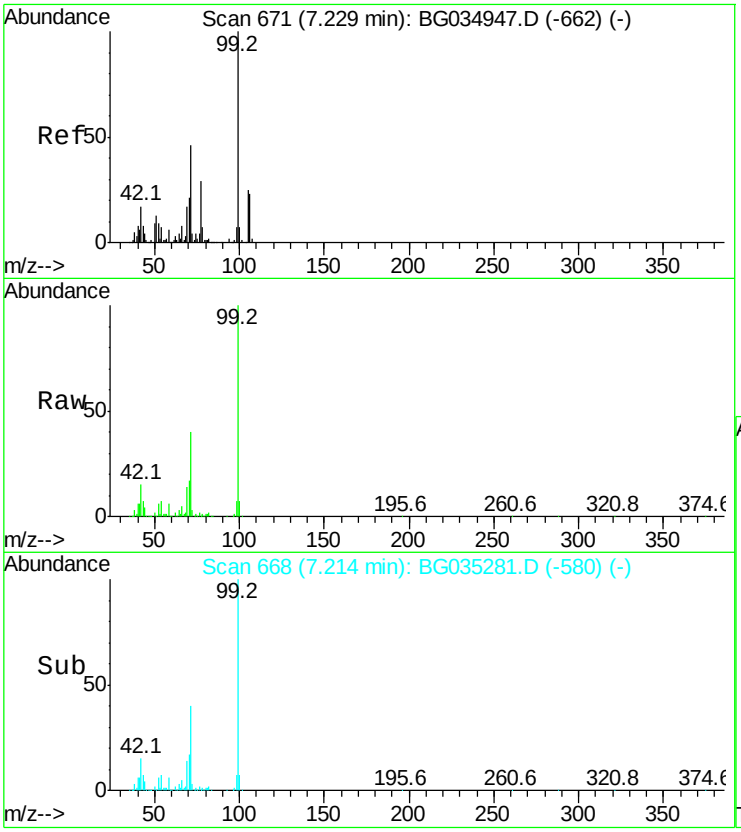


#5
2-Fluorophenol
Concen: 135.026 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035281.D
Acq: 21 Jun 2018 2:03

Tgt Ion:112 Resp: 453042

Ion	Ratio	Lower	Upper
112	100		
64	62.2	56.3	84.5
63	36.1	30.1	45.1



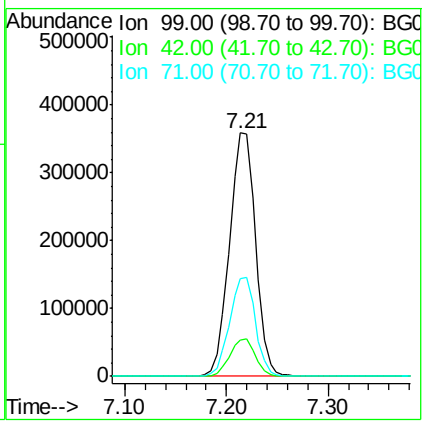


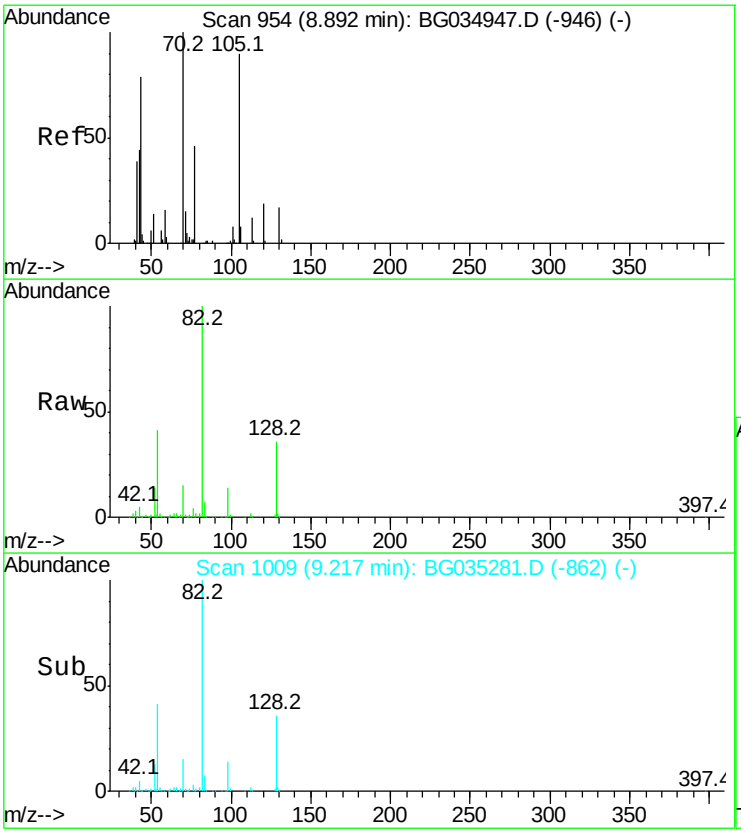
#7
Phenol-d6
Concen: 129.479 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG035281.D
Acq: 21 Jun 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 641196

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.1	21.1
71	40.0	26.1	39.1#

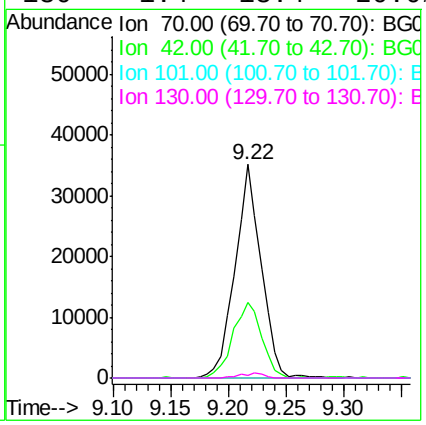


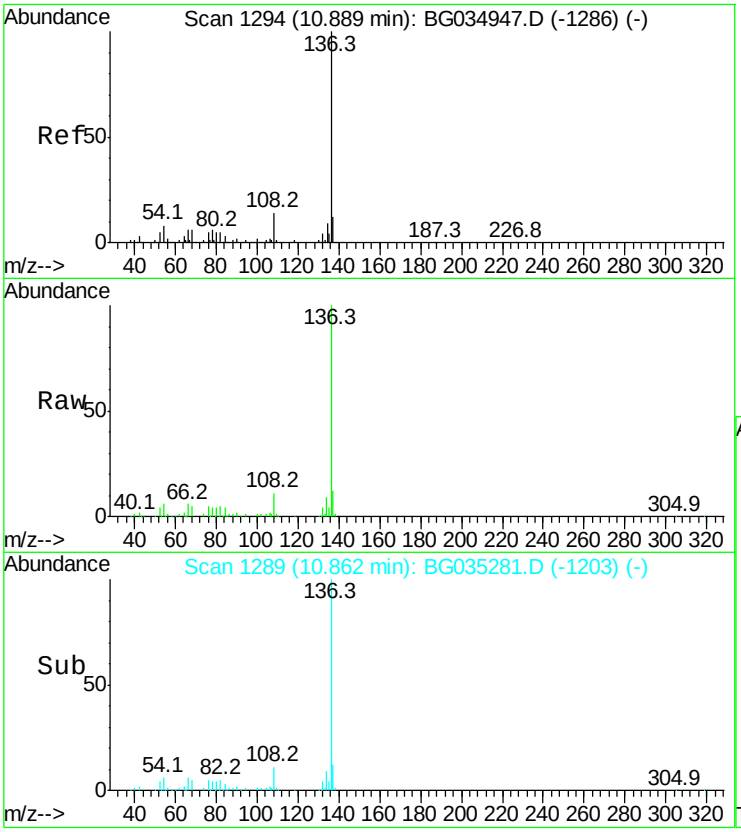


#19
n-Nitroso-di-n-propylamine
Concen: 13.151 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.34 min
Lab File: BG035281.D
Acq: 21 Jun 2018 2:03

Tgt Ion: 70 Resp: 55327

Ion	Ratio	Lower	Upper
70	100		
42	35.2	49.1	73.7#
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#



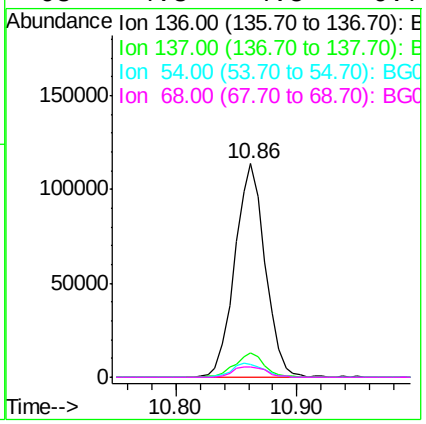


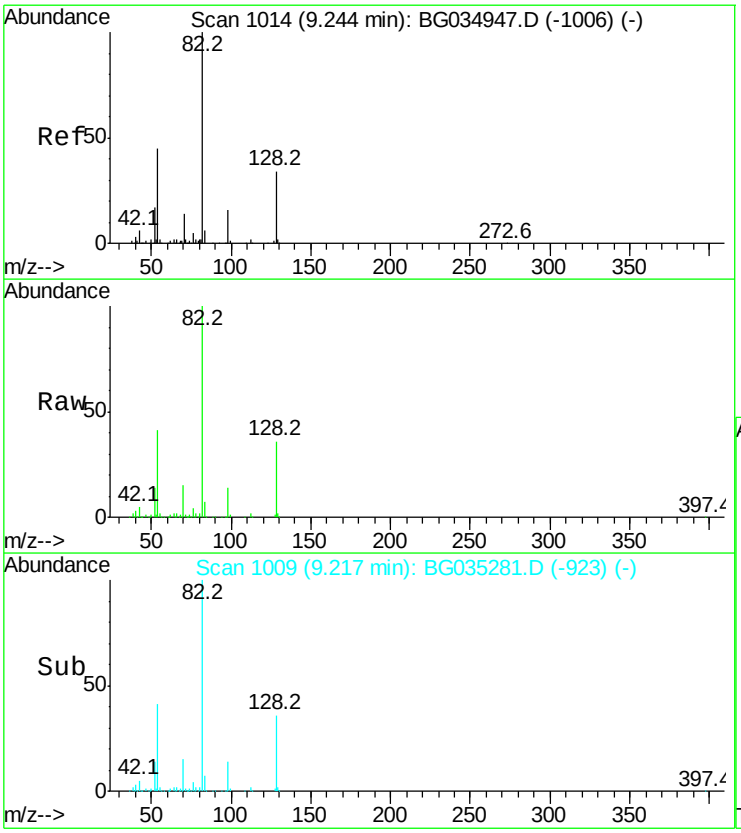
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035281.D
Acq: 21 Jun 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 198866

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	6.2	10.3	15.5#
68	4.8	4.5	6.7

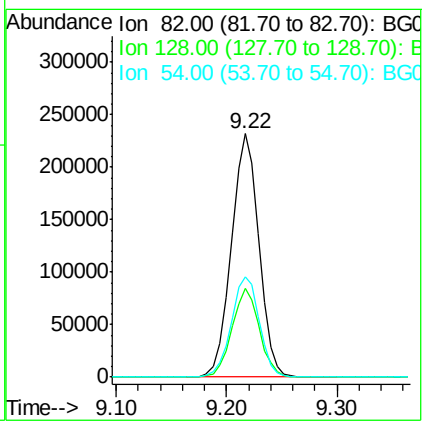


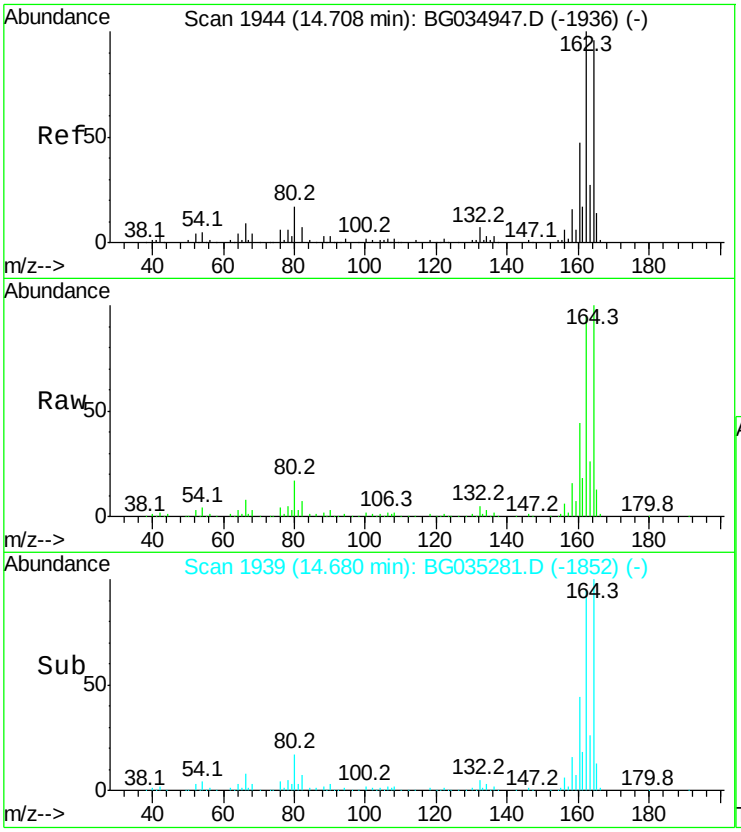


#23
Nitrobenzene-d5
Concen: 96.837 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035281.D
Acq: 21 Jun 2018 2:03

Tgt Ion: 82 Resp: 405132

Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.7	44.5
54	41.0	43.1	64.7#



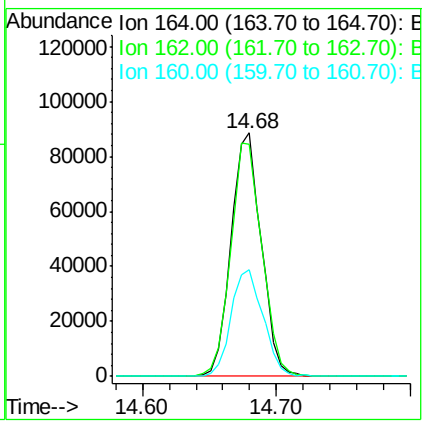


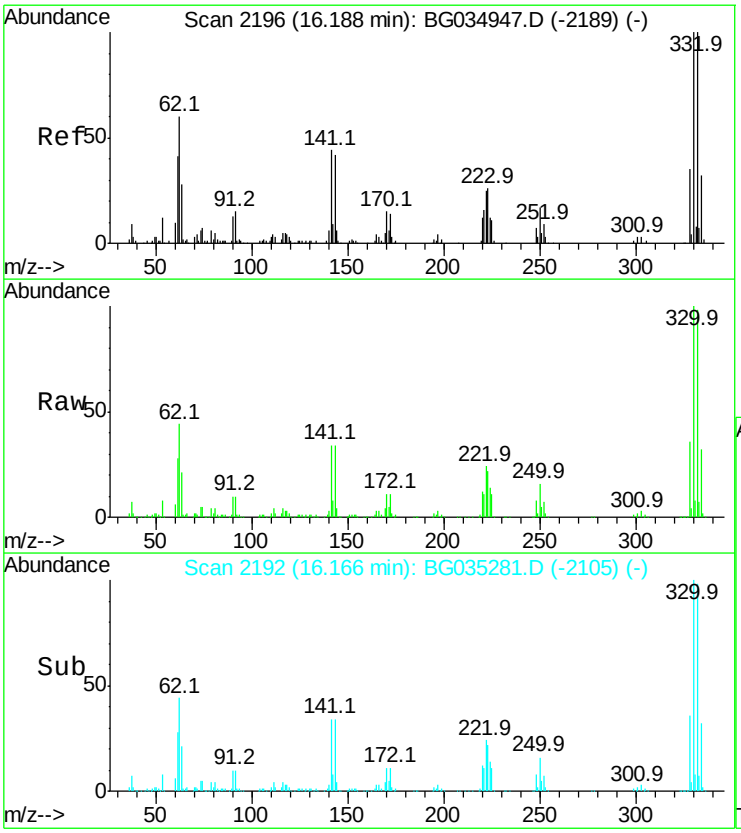
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035281.D
Acq: 21 Jun 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 138837

Ion	Ratio	Lower	Upper
164	100		
162	95.4	78.8	118.2
160	44.1	35.4	53.0

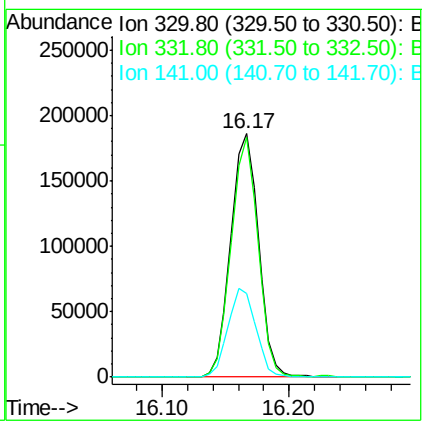


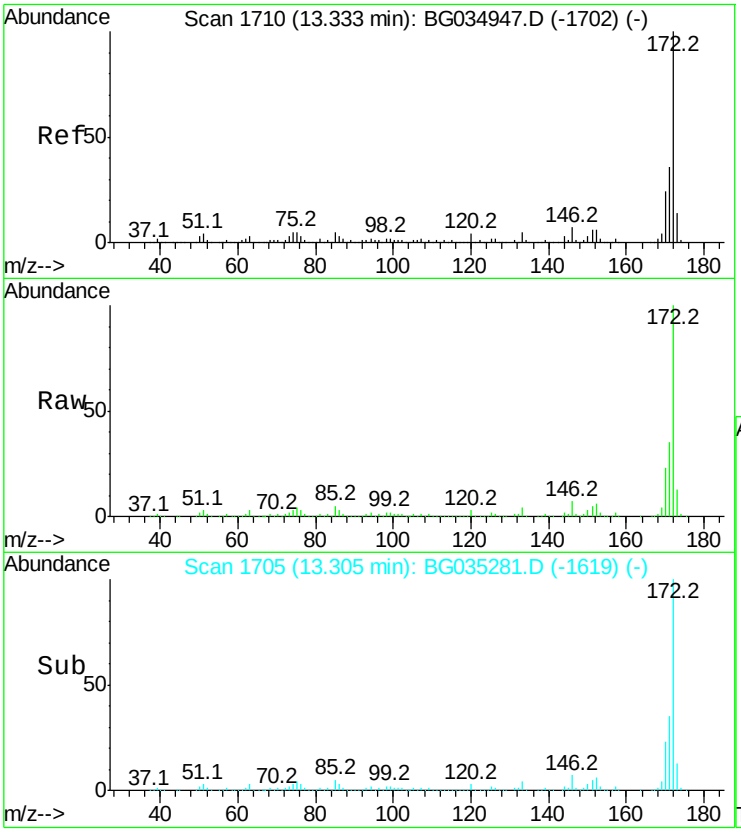


#41
2,4,6-Tribromophenol
Concen: 158.643 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG035281.D
Acq: 21 Jun 2018 2:03

Tgt Ion:330 Resp: 281954

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	36.5	25.2	37.8



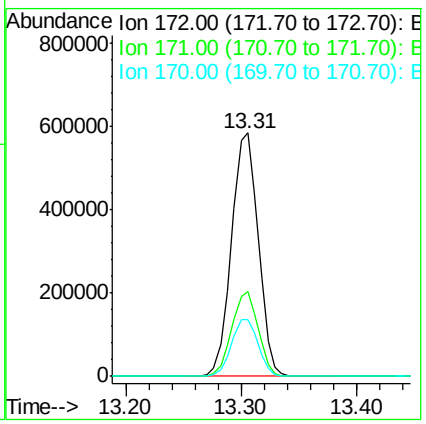


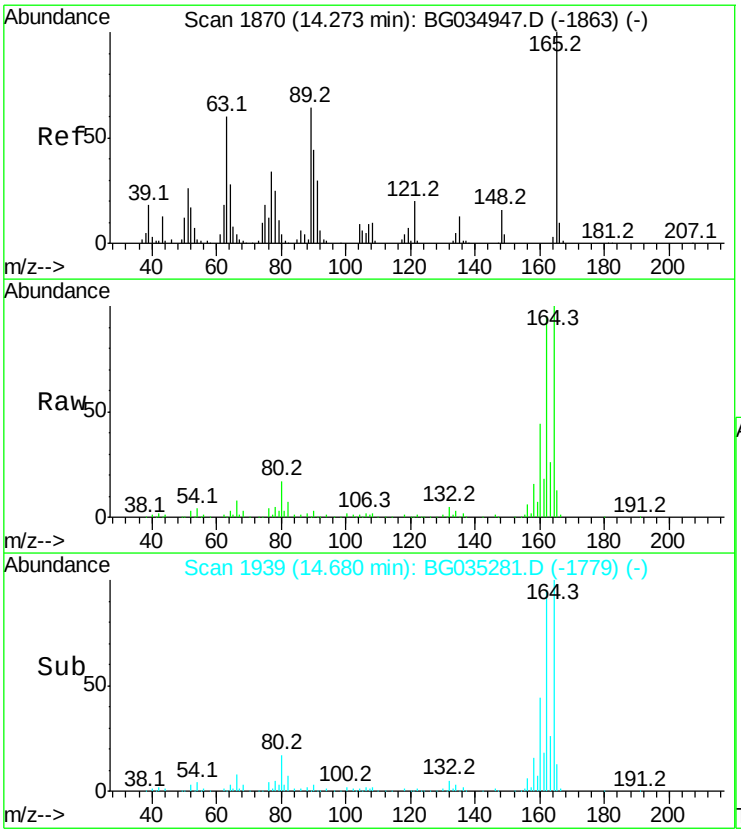
#44
2-Fluorobiphenyl
Concen: 87.677 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035281.D
Acq: 21 Jun 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 936376

Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	23.1	19.5	29.3

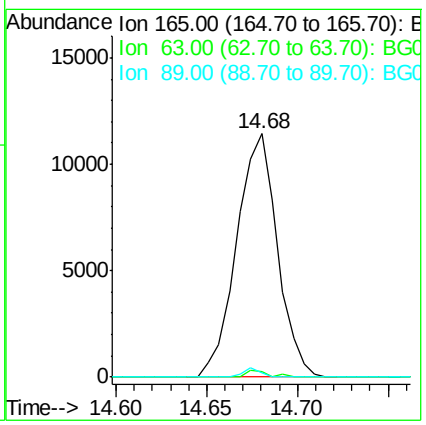


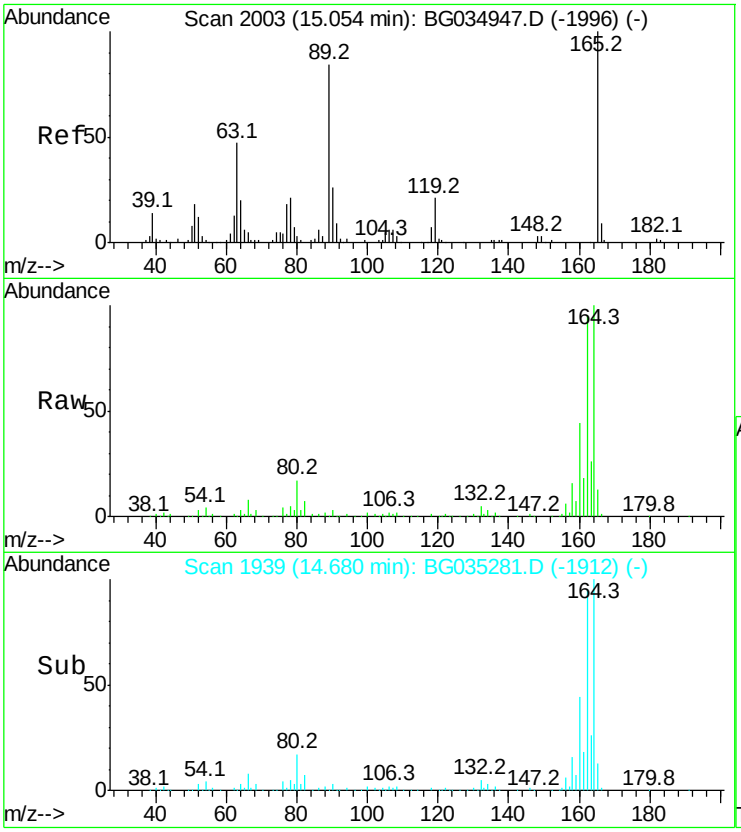


#50
2,6-Dinitrotoluene
Concen: 8.073 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035281.D
Acq: 21 Jun 2018 2:03

Tgt Ion:165 Resp: 17832

Ion	Ratio	Lower	Upper
165	100		
63	2.4	52.7	79.1#
89	1.5	49.2	73.8#



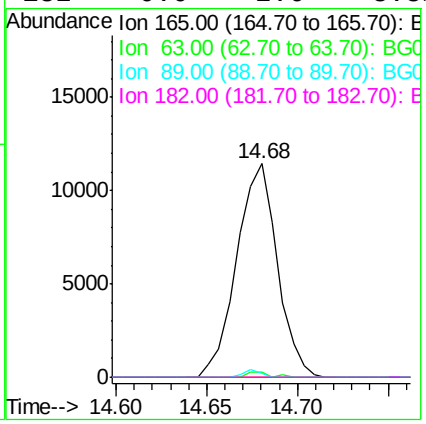


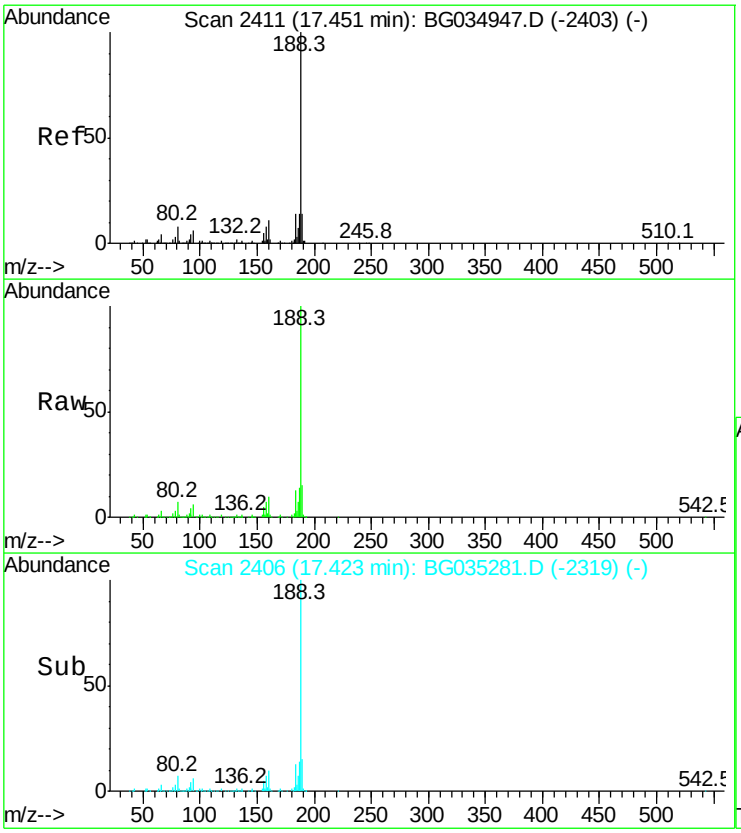
#56
2,4-Dinitrotoluene
Concen: 6.078 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035281.D
Acq: 21 Jun 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17832

Ion	Ratio	Lower	Upper
165	100		
63	2.4	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#

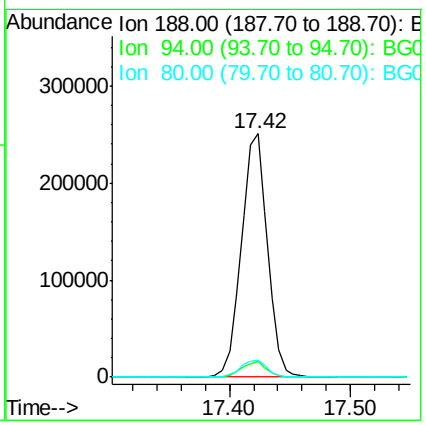


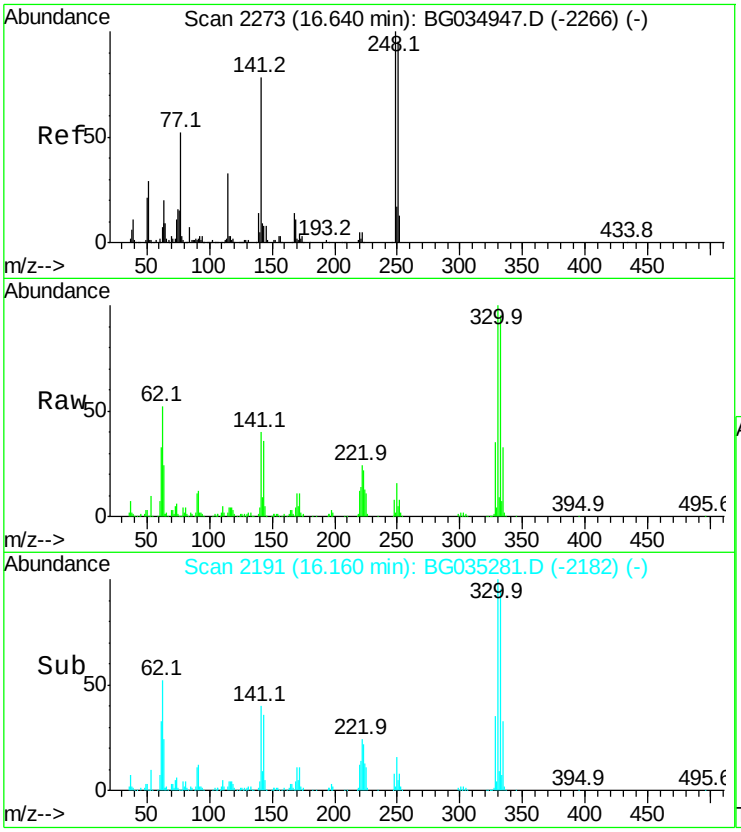


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035281.D
Acq: 21 Jun 2018 2:03

Tgt Ion:188 Resp: 376859

Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.0	7.7	11.5#



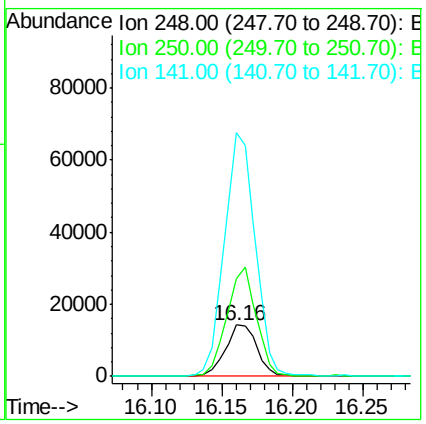


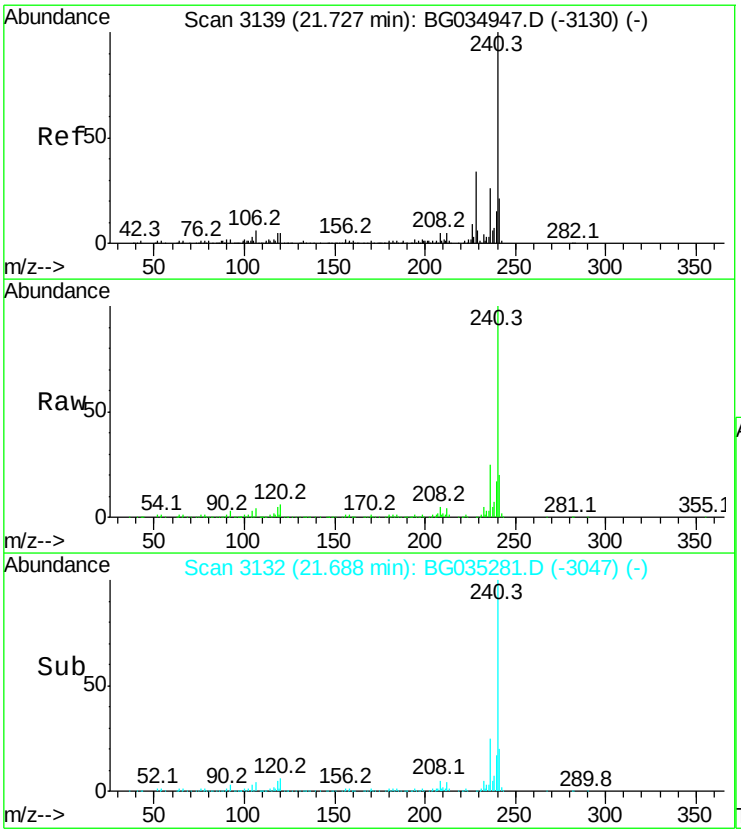
#66
4-Bromophenyl-phenylether
Concen: 4.891 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.47 min
Lab File: BG035281.D
Acq: 21 Jun 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 22197

Ion	Ratio	Lower	Upper
248	100		
250	190.7	77.1	115.7#
141	477.1	50.8	76.2#

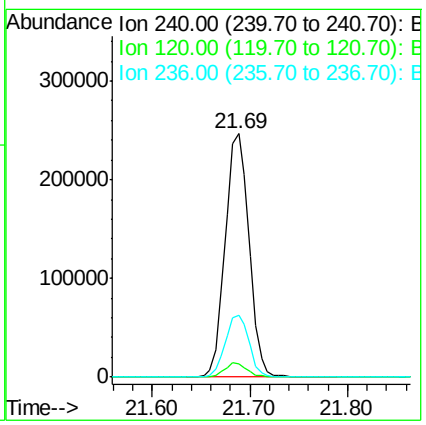


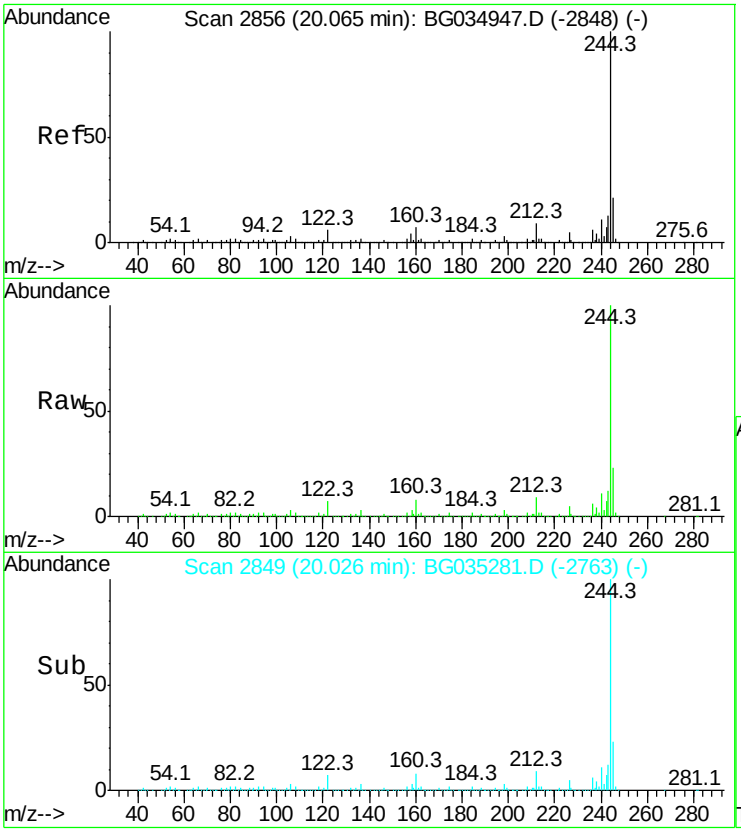


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035281.D
Acq: 21 Jun 2018 2:03

Tgt Ion:240 Resp: 419270

Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	25.3	20.9	31.3



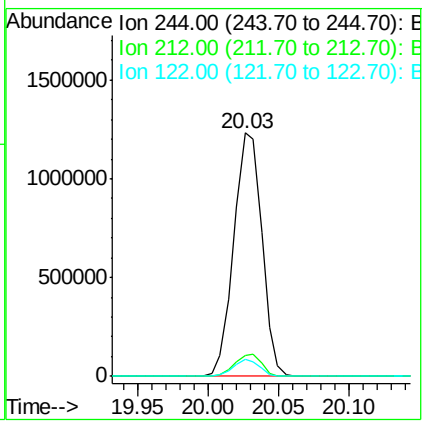


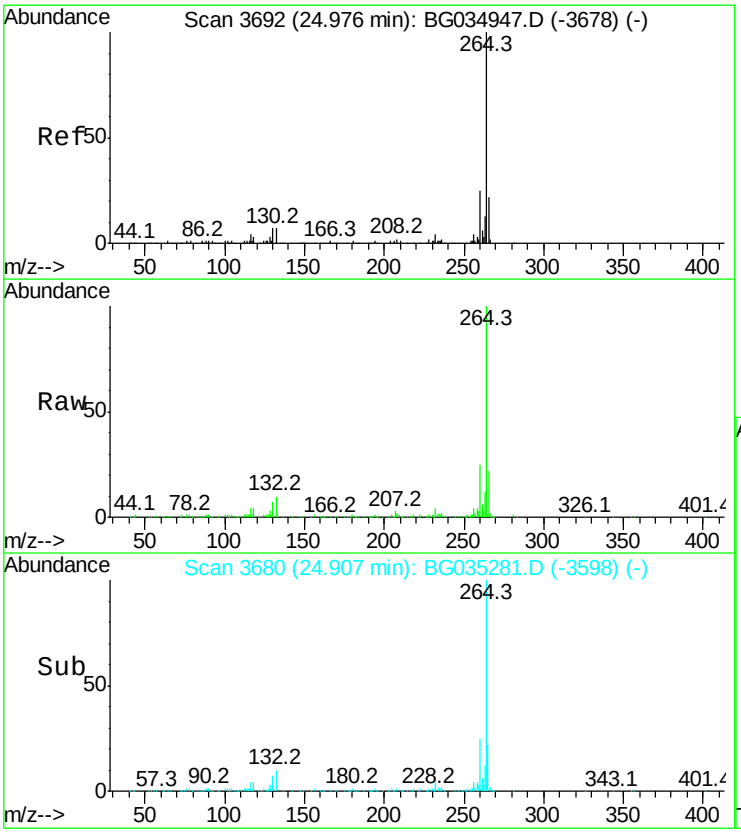
#78
Terphenyl-d14
Concen: 85.417 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035281.D
Acq: 21 Jun 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1709707

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	6.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.05 min
Lab File: BG035281.D
Acq: 21 Jun 2018 2:03

Tgt Ion:264 Resp: 392805

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	22.5	17.7	26.5