Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061918\
Data File : BG035259.D
Acq On : 19 Jun 2018 22:15
Operator : SJ/JU
Sample : PB110338BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 20 01:08:11 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	14390	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	58070	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	46311	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	194761	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	421028	20.00	ng	-0.02
86) Perylene-d12	24.92	264	361962	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	157847	185.12	ng	-0.01
7) Phenol-d6	7.21	99	245825	195.33	ng	-0.01
23) Nitrobenzene-d5	9.22	82	142550	116.69	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	163174	275.24	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	364621	102.35	ng	-0.02
78) Terphenyl-d14	20.03	244	1957382	97.38	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	18382	17.192	ng	# 62
50) 2,6-Dinitrotoluene	14.68	165	6544	8.882	ng	# 18
56) 2,4-Dinitrotoluene	14.68	165	6544	6.686	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	12078	5.150	ng	# 1

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

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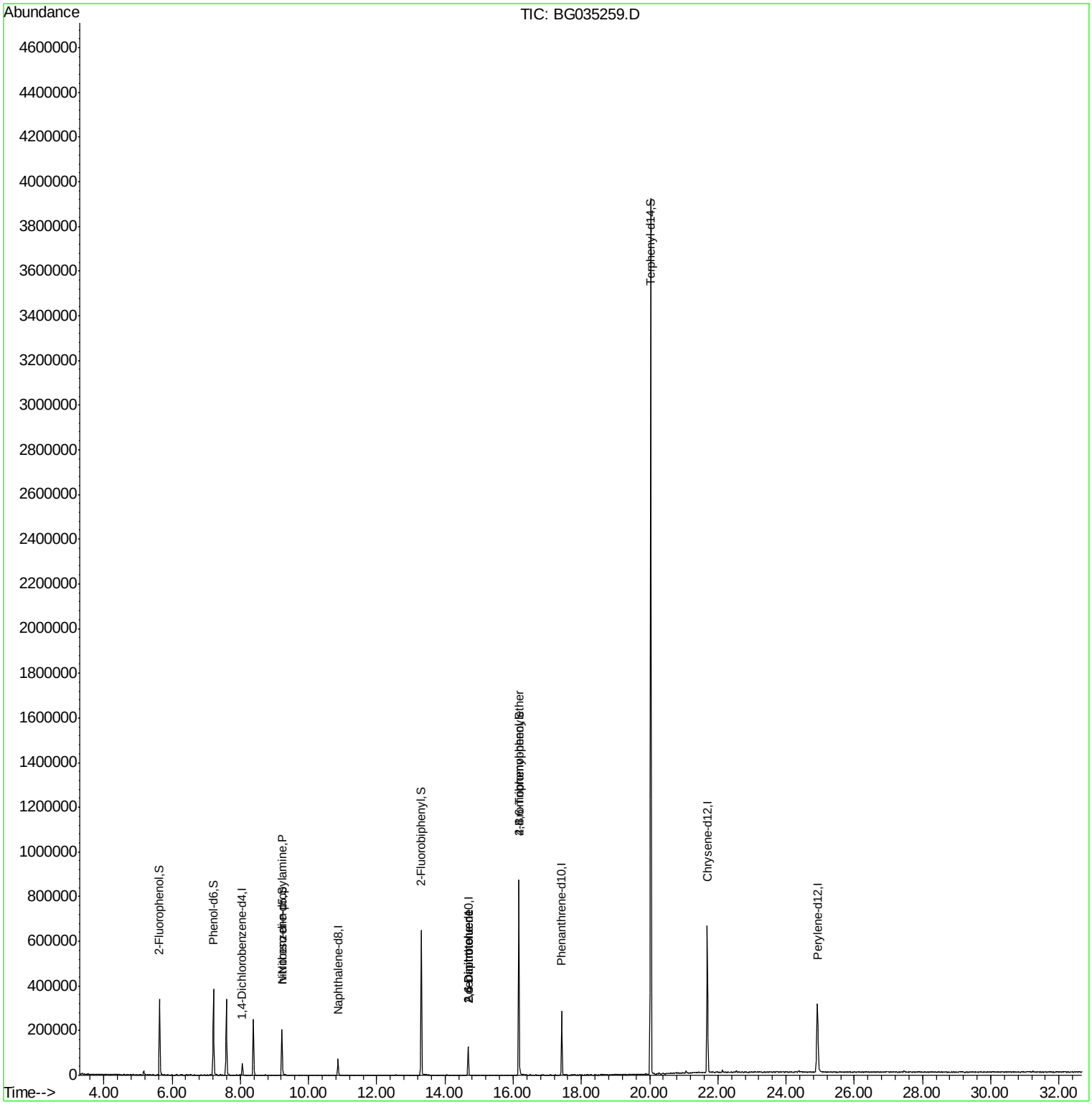
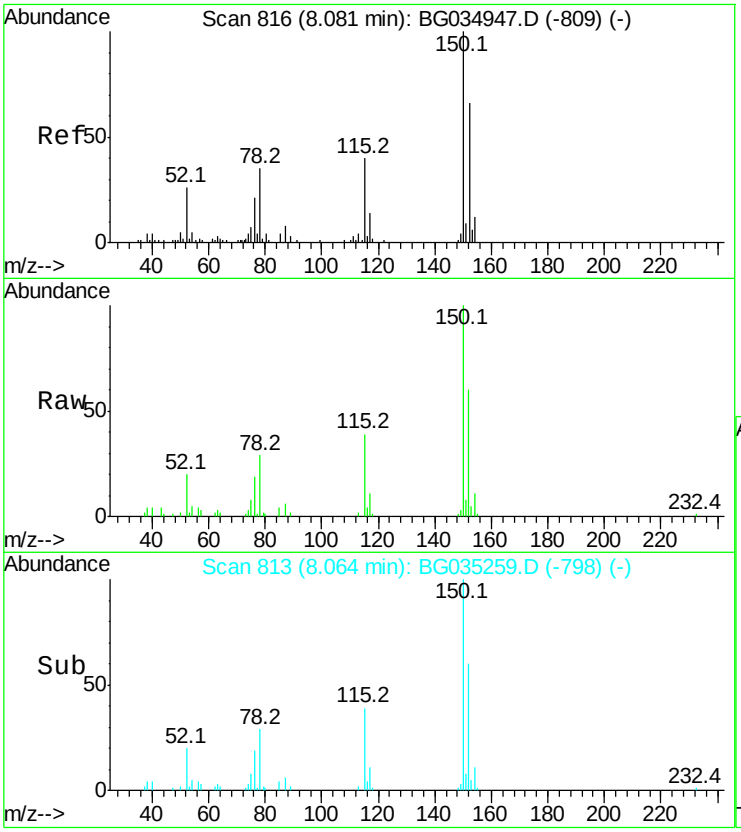


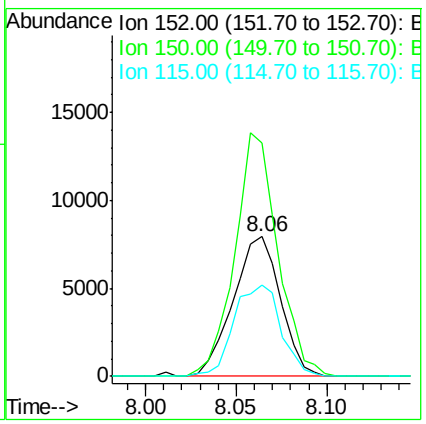


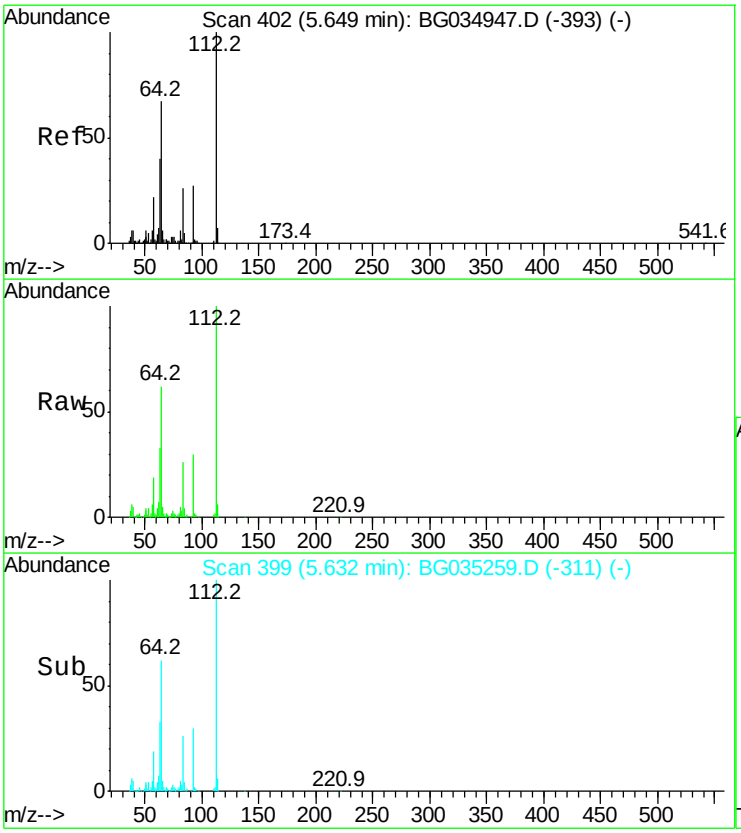
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 14390

Ion	Ratio	Lower	Upper
152	100		
150	167.3	126.6	189.8
115	65.5	53.0	79.4

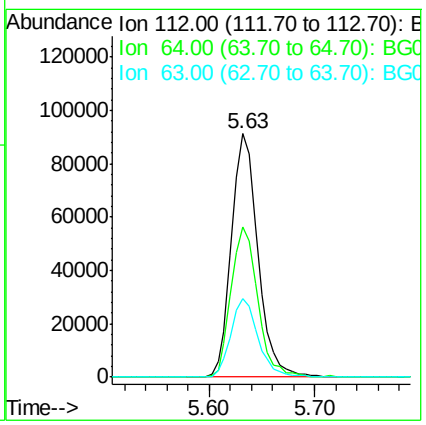


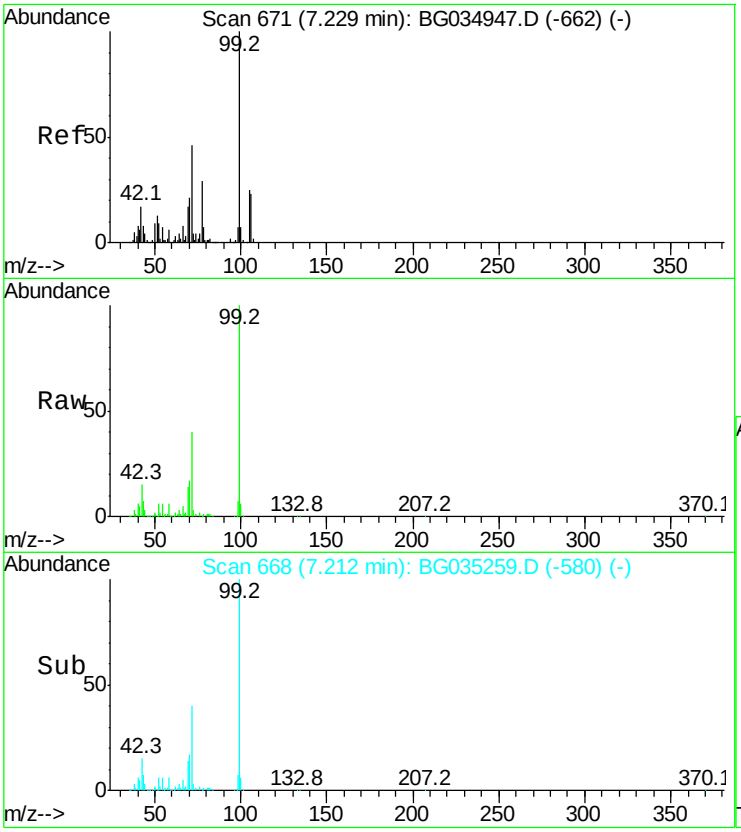


#5
2-Fluorophenol
Concen: 185.117 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Tgt Ion:112 Resp: 157847

Ion	Ratio	Lower	Upper
112	100		
64	61.8	56.3	84.5
63	32.5	30.1	45.1



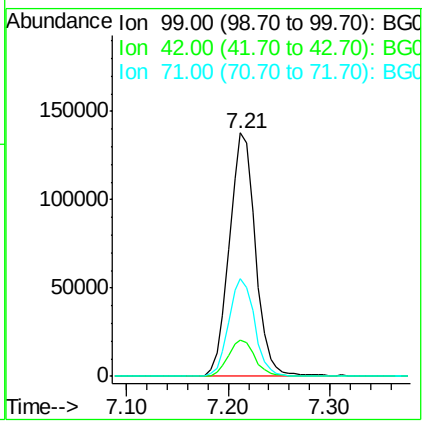


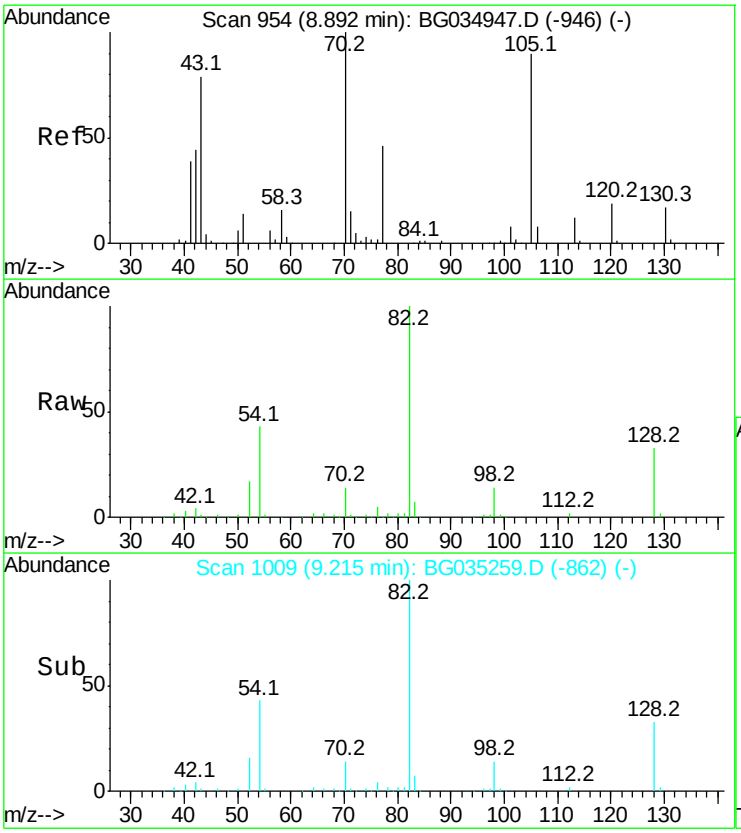
#7
Phenol-d6
Concen: 195.330 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 245825

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.1	21.1
71	39.9	26.1	39.1#

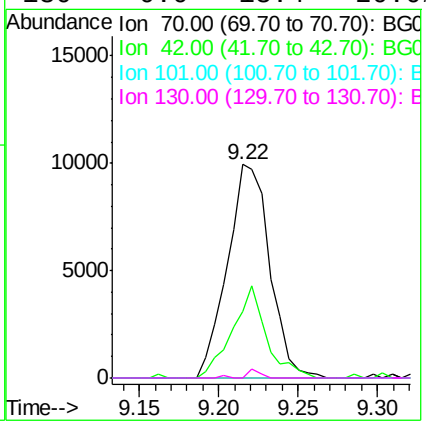


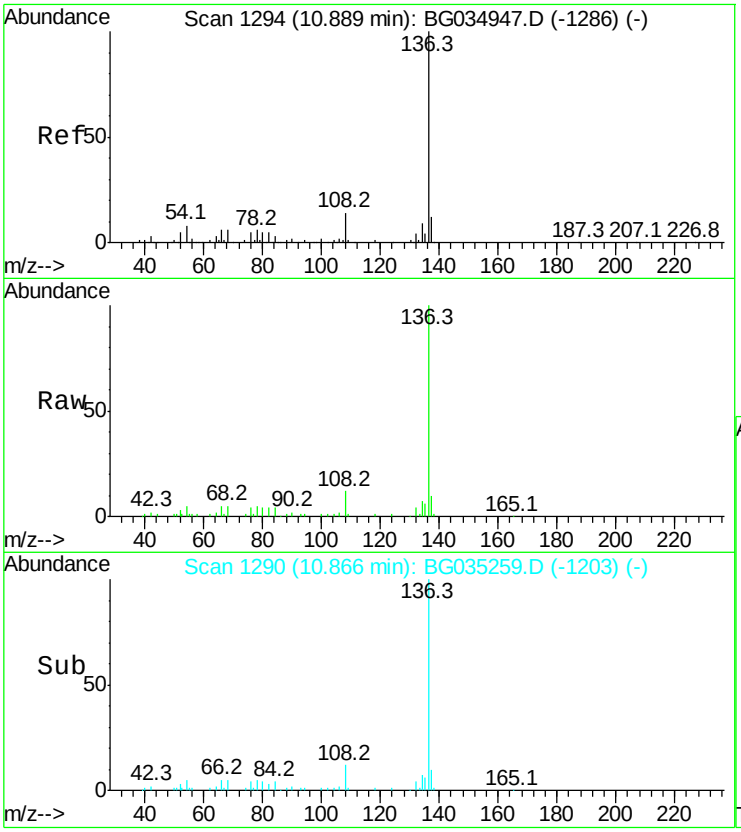


#19
n-Nitroso-di-n-propylamine
Concen: 17.192 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.33 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Tgt Ion: 70 Resp: 18382

Ion	Ratio	Lower	Upper
70	100		
42	31.5	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



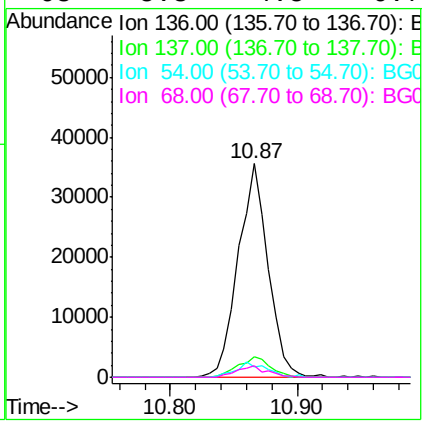


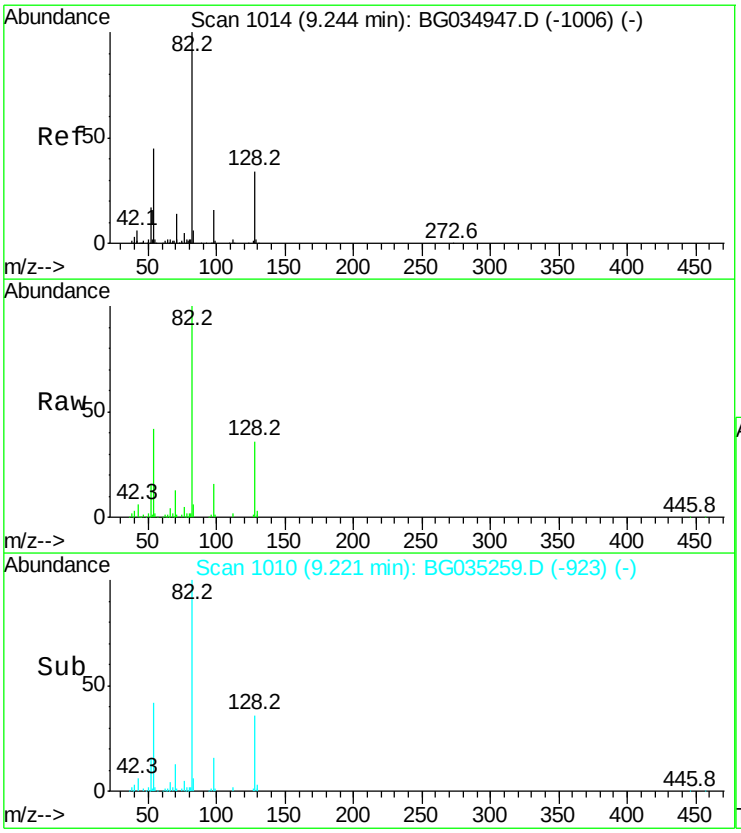
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 58070

Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.2	13.8
54	4.7	10.3	15.5#
68	5.3	4.5	6.7

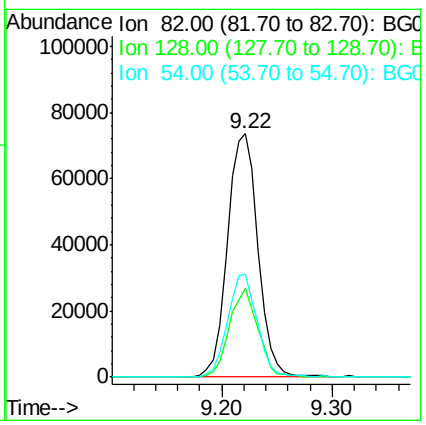


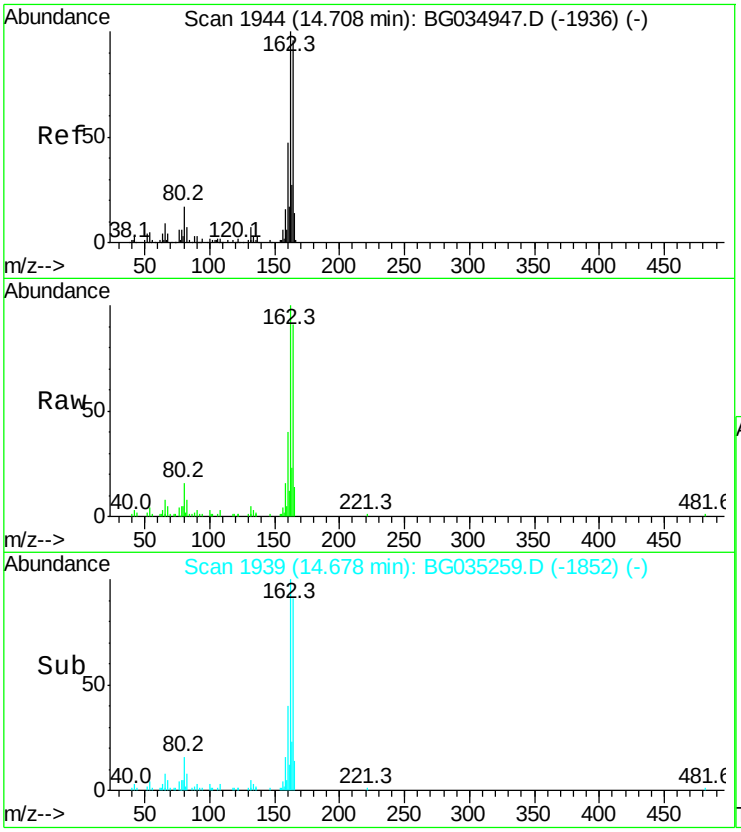


#23
Nitrobenzene-d5
Concen: 116.687 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Tgt Ion: 82 Resp: 142550

Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.7	44.5
54	42.2	43.1	64.7#



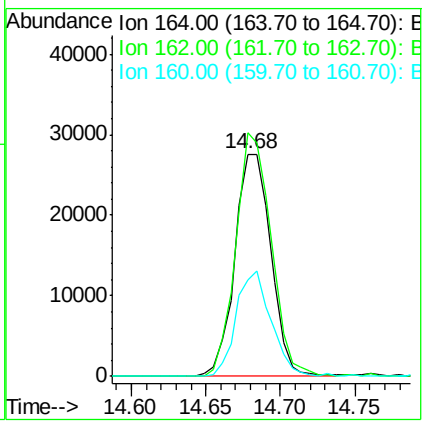


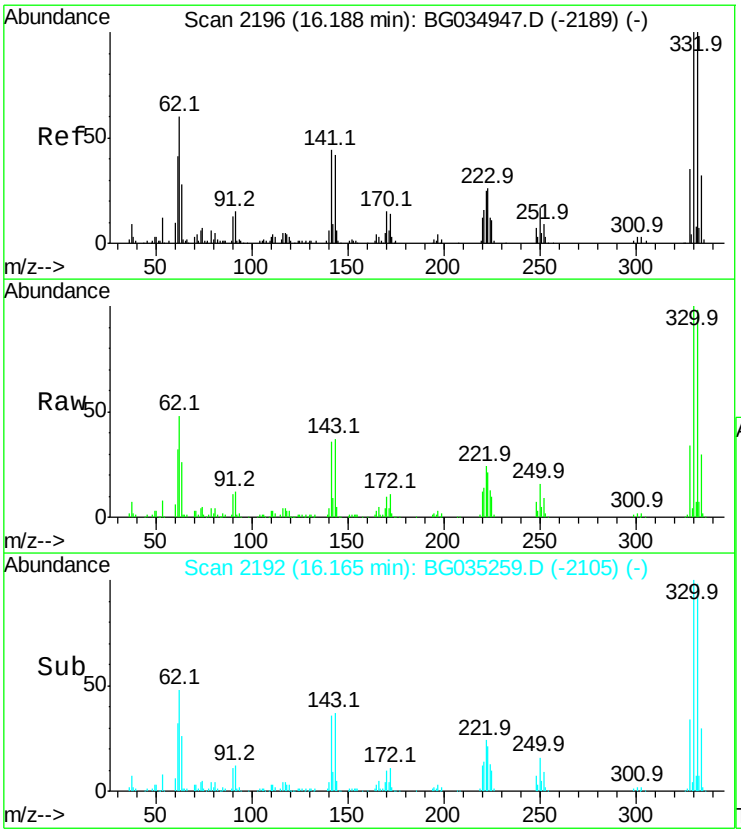
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 46311

Ion	Ratio	Lower	Upper
164	100		
162	109.7	78.8	118.2
160	43.7	35.4	53.0

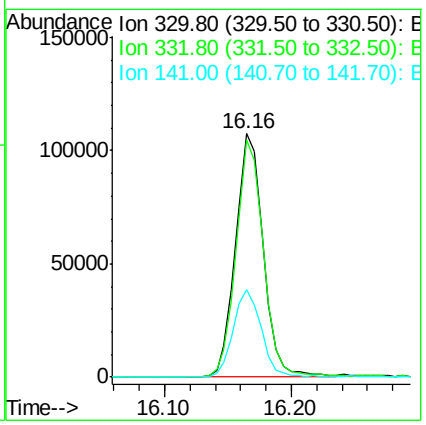


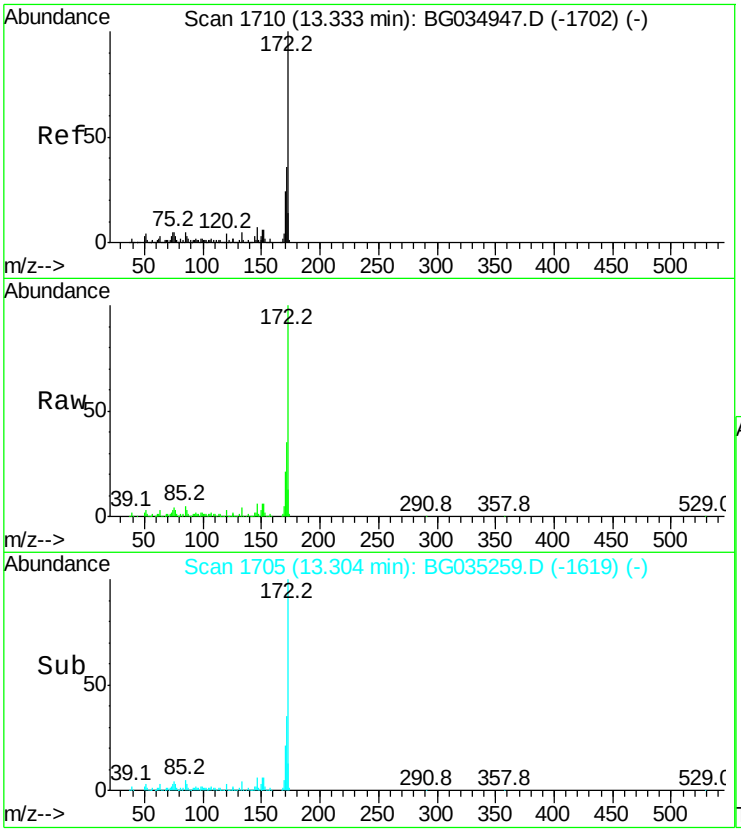


#41
2,4,6-Tribromophenol
Concen: 275.241 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Tgt Ion:330 Resp: 163174

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	36.0	25.2	37.8



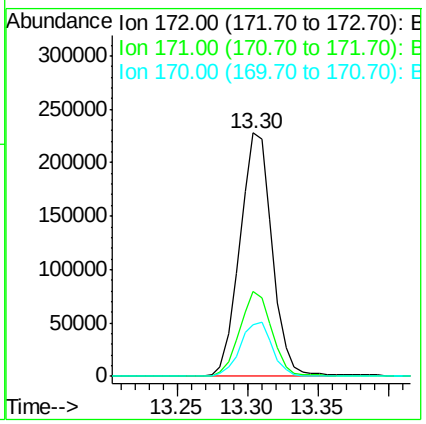


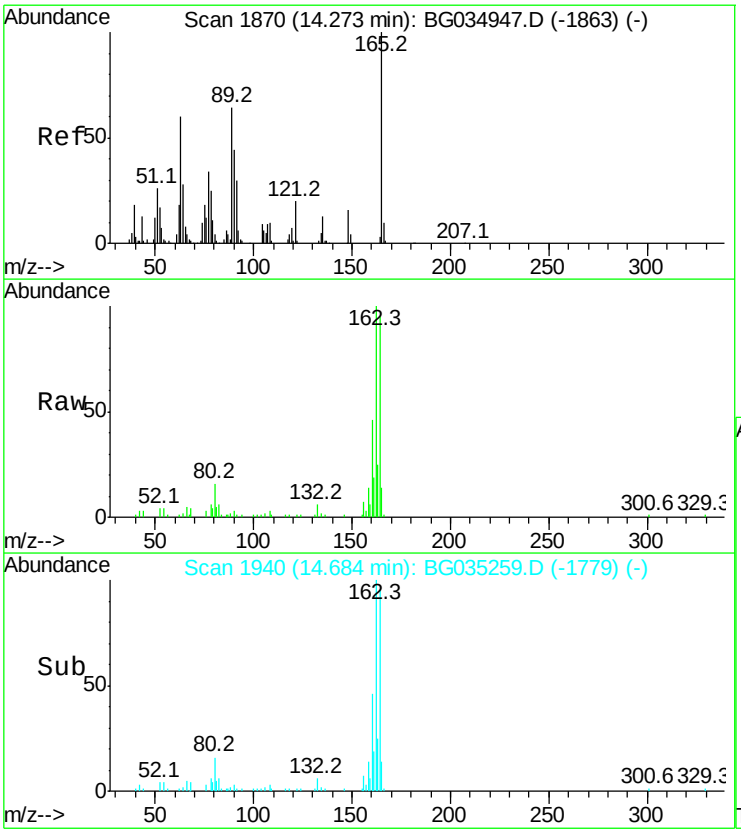
#44
2-Fluorobiphenyl
Concen: 102.353 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 364621

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	21.4	19.5	29.3

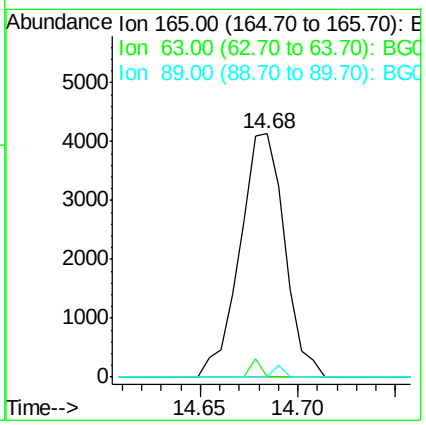


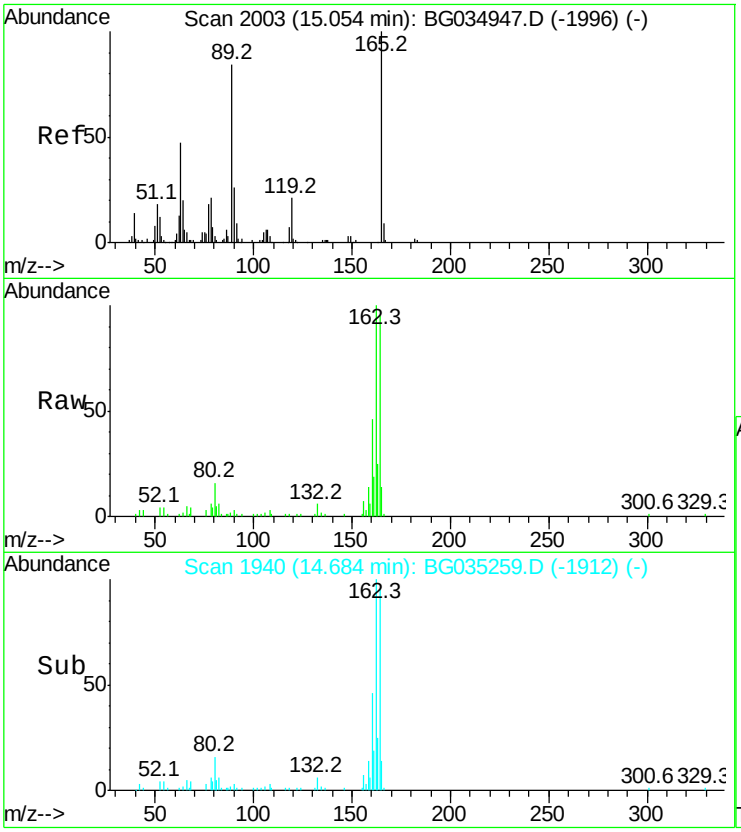


#50
2,6-Dinitrotoluene
Concen: 8.882 ng
RT: 14.68 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Tgt Ion:165 Resp: 6544

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



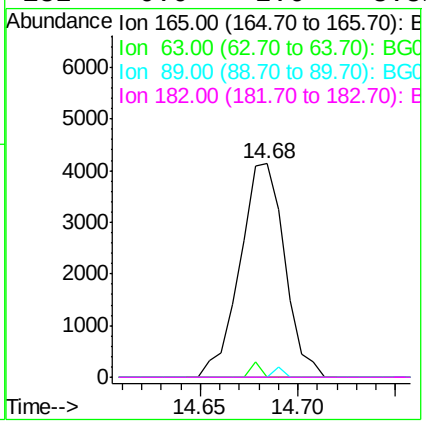


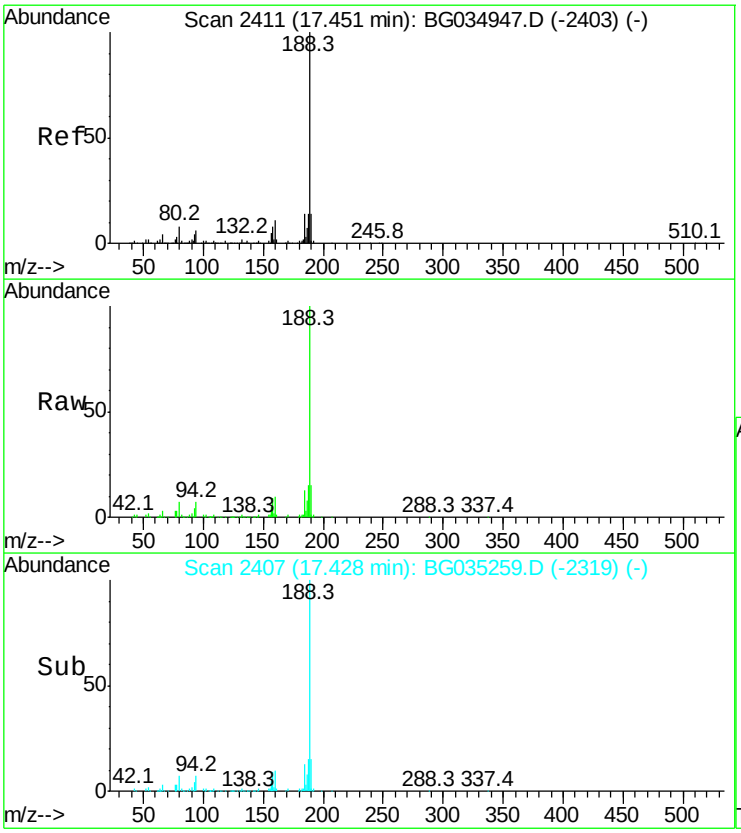
#56
2,4-Dinitrotoluene
Concen: 6.686 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 6544

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

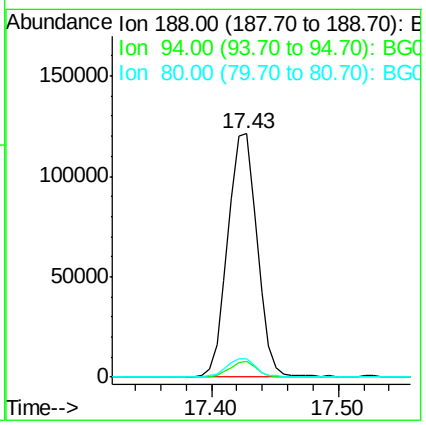


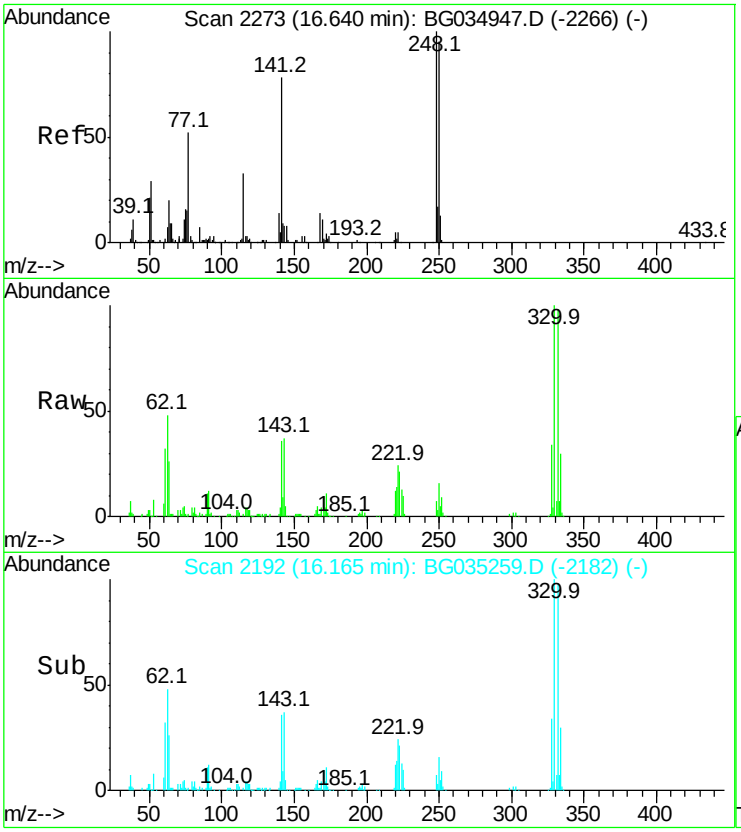


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Tgt Ion:188 Resp: 194761

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.5	7.7	11.5#



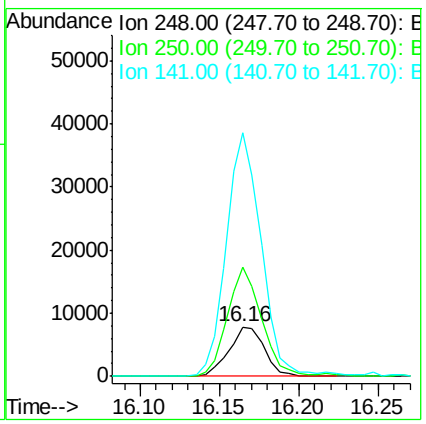


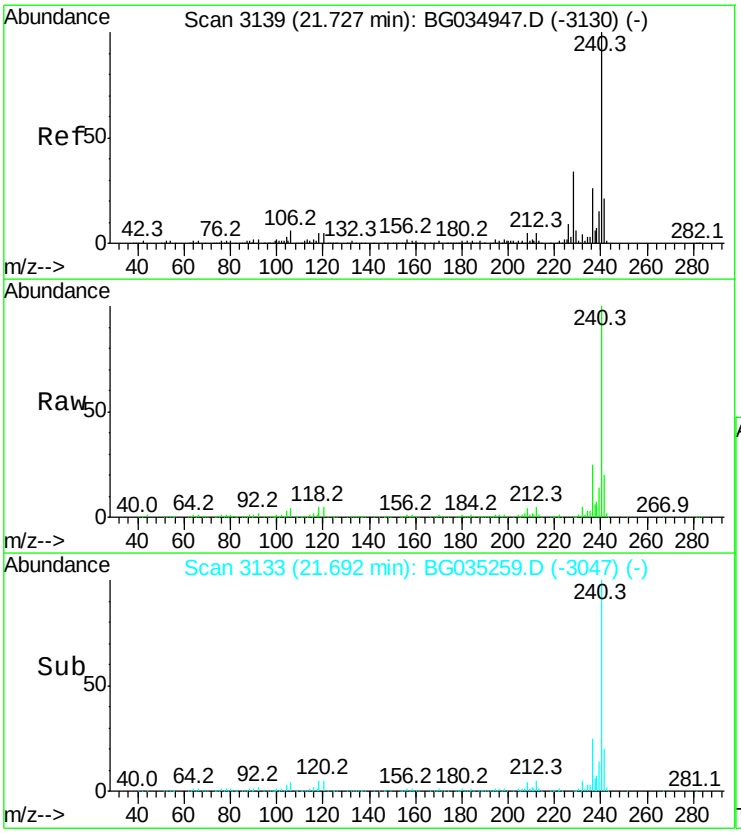
#66
4-Bromophenyl-phenylether
Concen: 5.150 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 12078

Ion	Ratio	Lower	Upper
248	100		
250	221.1	77.1	115.7#
141	493.8	50.8	76.2#

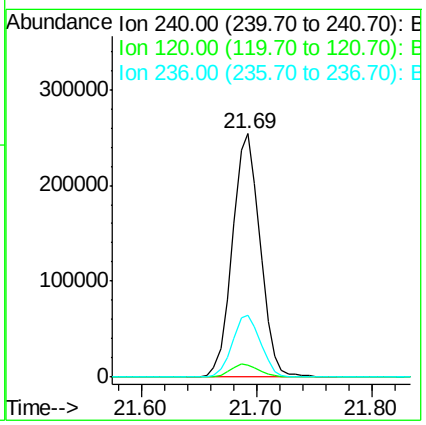


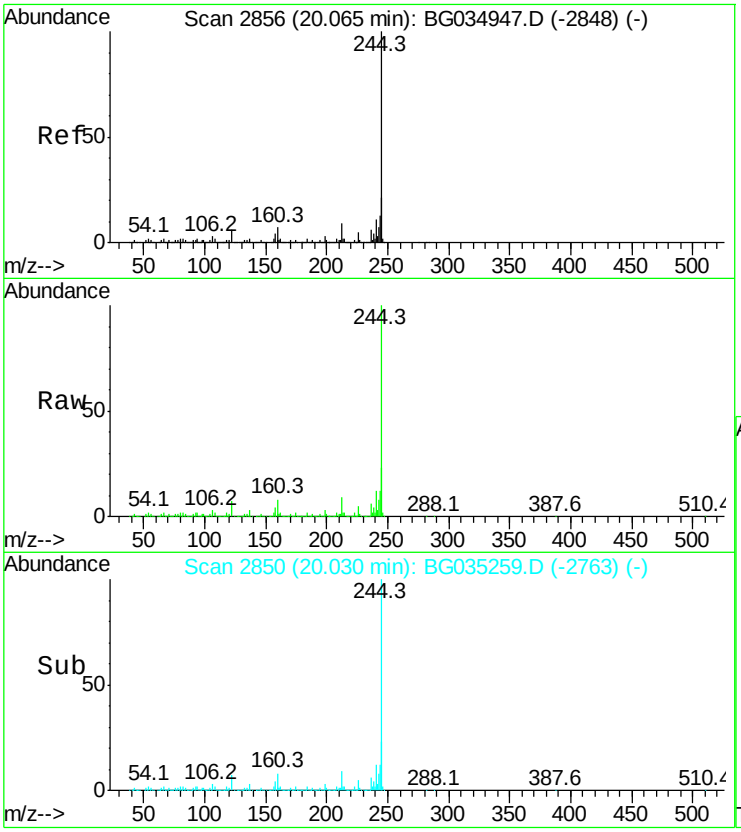


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Tgt Ion:240 Resp: 421028

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	25.4	20.9	31.3



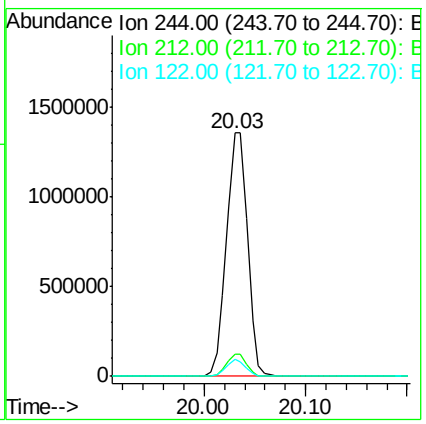


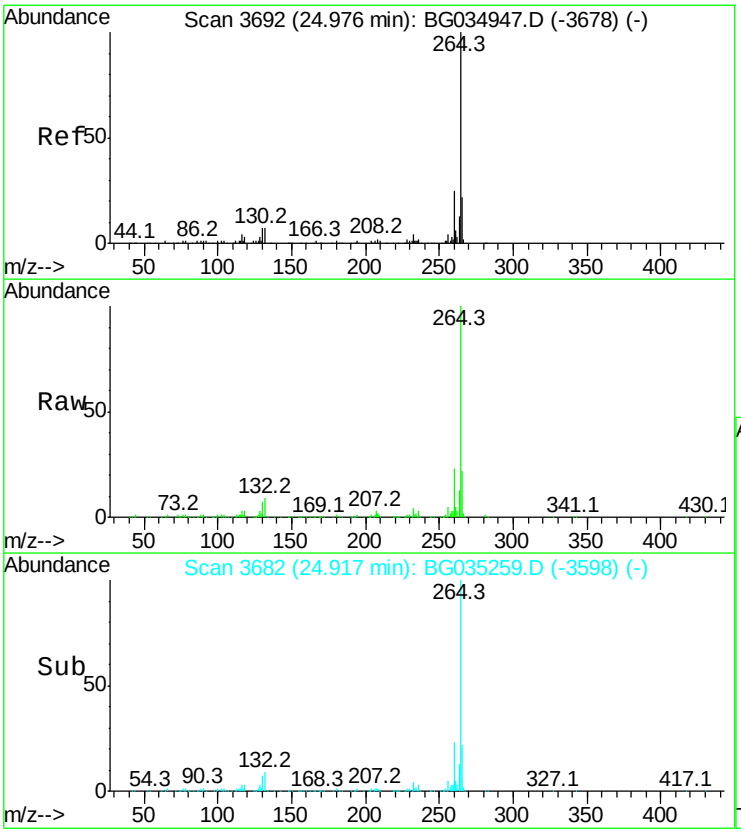
#78
Terphenyl-d14
Concen: 97.383 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1957382

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	7.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.04 min
Lab File: BG035259.D
Acq: 19 Jun 2018 22:15

Tgt Ion:264 Resp: 361962

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	22.0	17.7	26.5