Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
Data File : BG035205.D
Acq On : 16 Jun 2018 13:05
Operator : SJ/JU
Sample : J3501-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 18 01:19:36 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	44074	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	169907	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	128965	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	351423	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	377261	20.00	ng	-0.02
86) Perylene-d12	24.92	264	312519	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	406010	155.46	ng	0.00
7) Phenol-d6	7.22	99	550442	142.80	ng	0.00
23) Nitrobenzene-d5	9.22	82	454192	127.07	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	304369	184.36	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	1029175	103.74	ng	-0.02
78) Terphenyl-d14	20.03	244	1942004	107.83	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	63747	19.466	ng	# 66
31) Naphthalene	10.92	128	19107	2.165	ng	# 88
50) 2,6-Dinitrotoluene	14.68	165	17174	8.371	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	17174	6.301	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	23901	5.648	ng	# 1
76) Benzidine	20.04	184	35982	2.564	ng	96

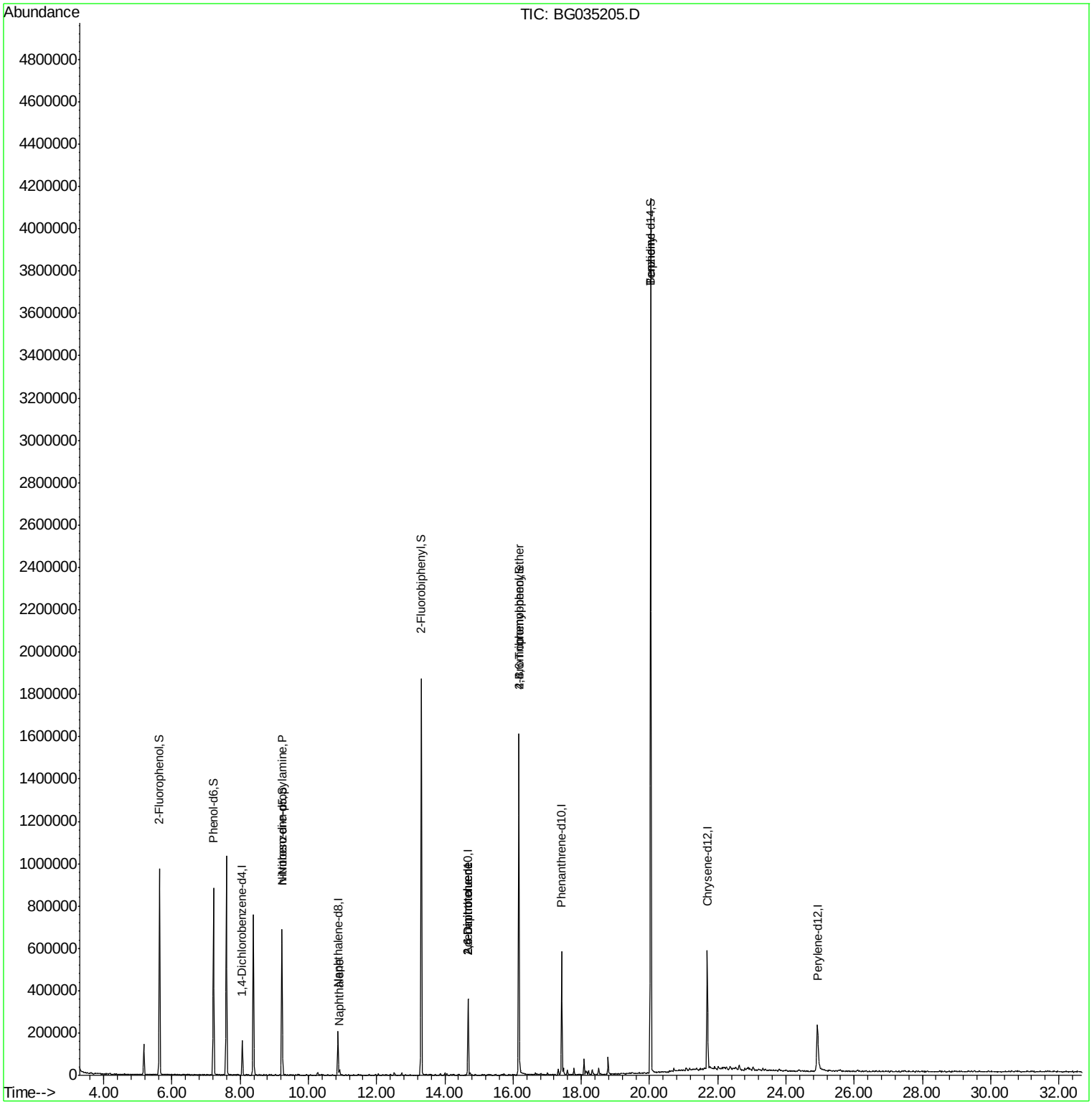
(#) = qualifier out of range (m) = manual integration (+) = signals summed

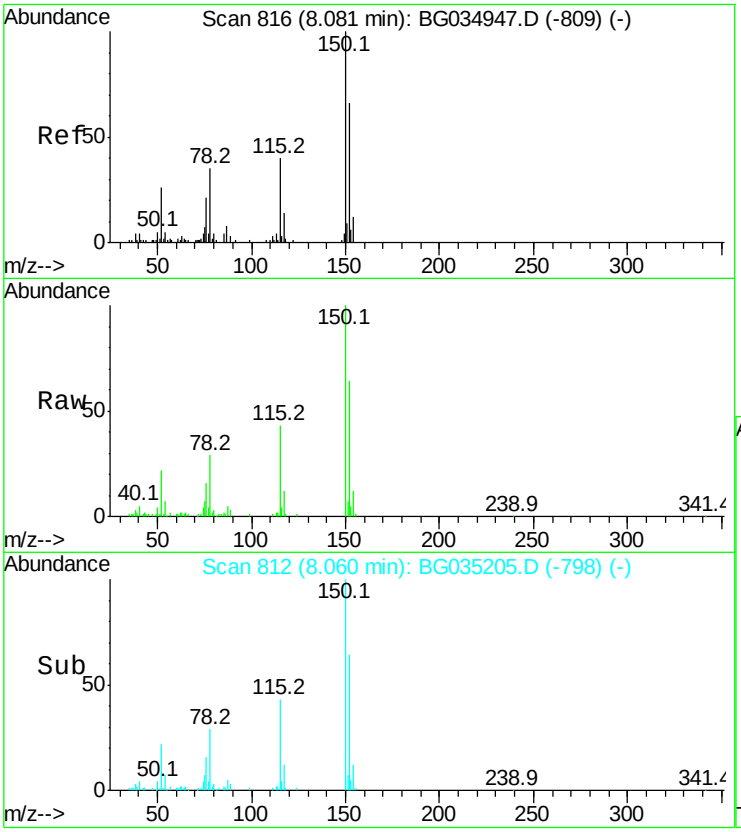
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
Data File : BG035205.D
Acq On : 16 Jun 2018 13:05
Operator : SJ/JU
Sample : J3501-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 18 01:19:36 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



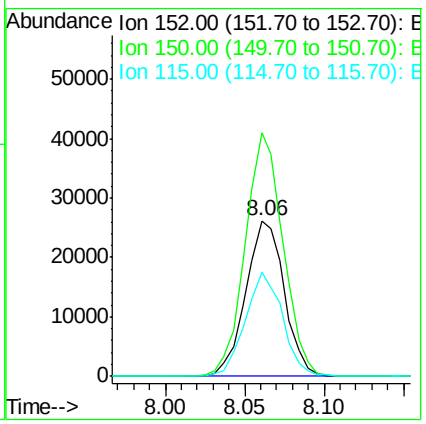


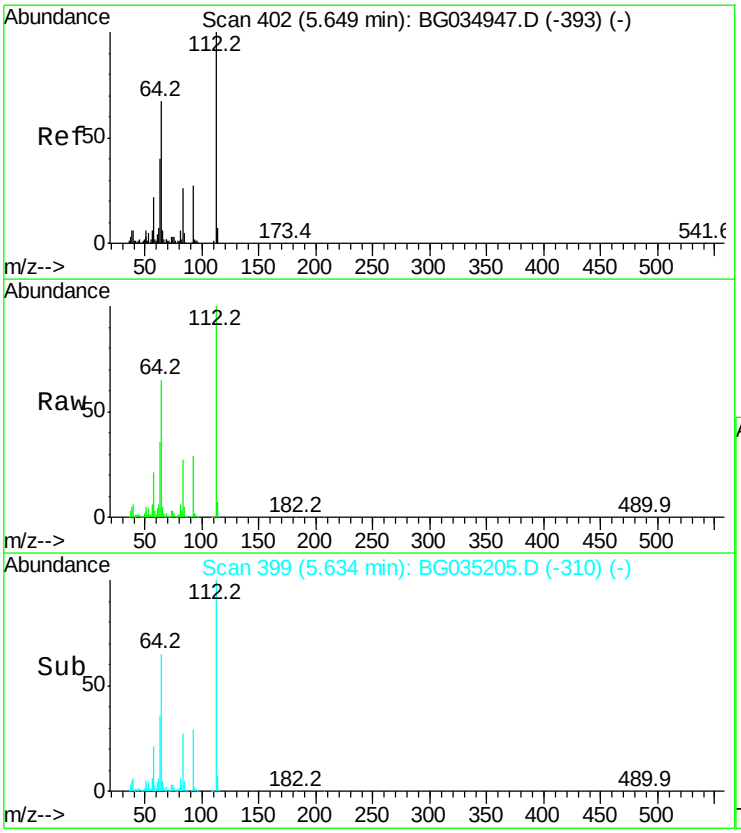
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 44074

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.6	189.8
115	67.1	53.0	79.4

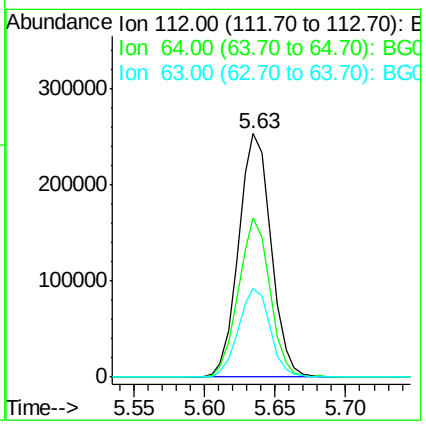


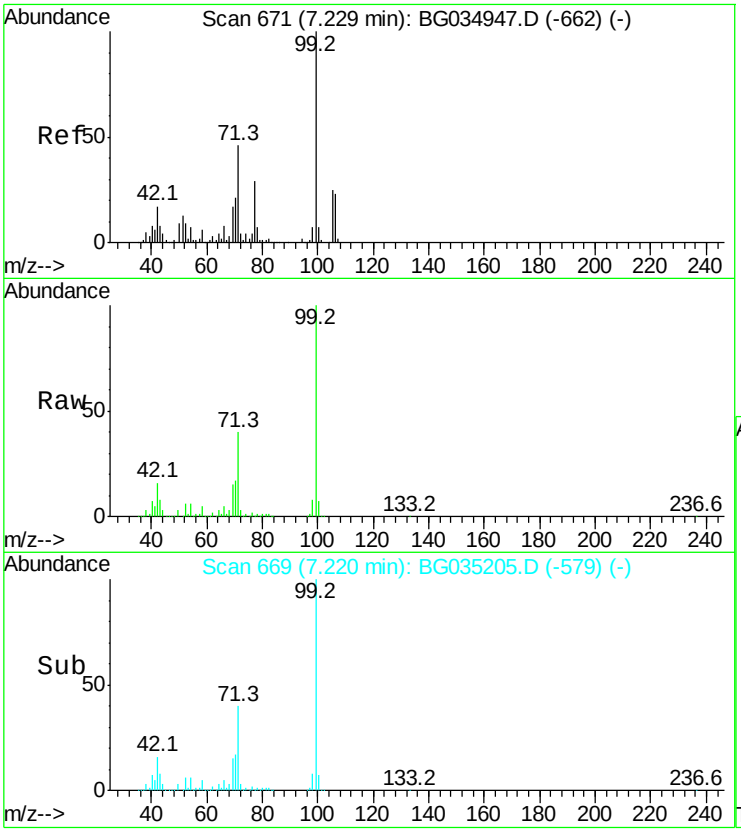


#5
2-Fluorophenol
Concen: 155.463 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Tgt Ion:112 Resp: 406010

Ion	Ratio	Lower	Upper
112	100		
64	65.3	56.3	84.5
63	36.3	30.1	45.1



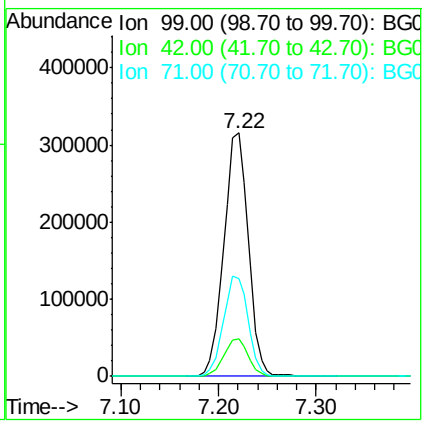


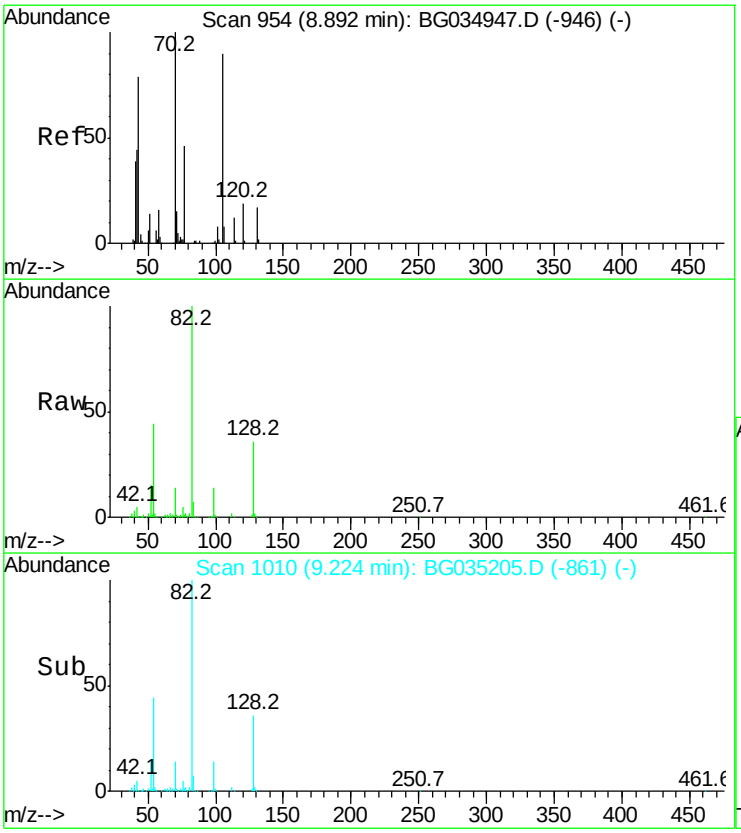
#7
Phenol-d6
Concen: 142.801 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 550442

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.1	21.1
71	40.1	26.1	39.1#

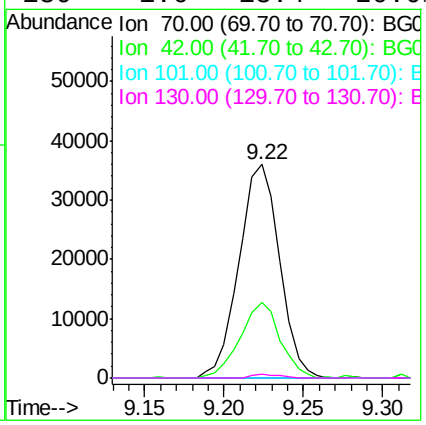


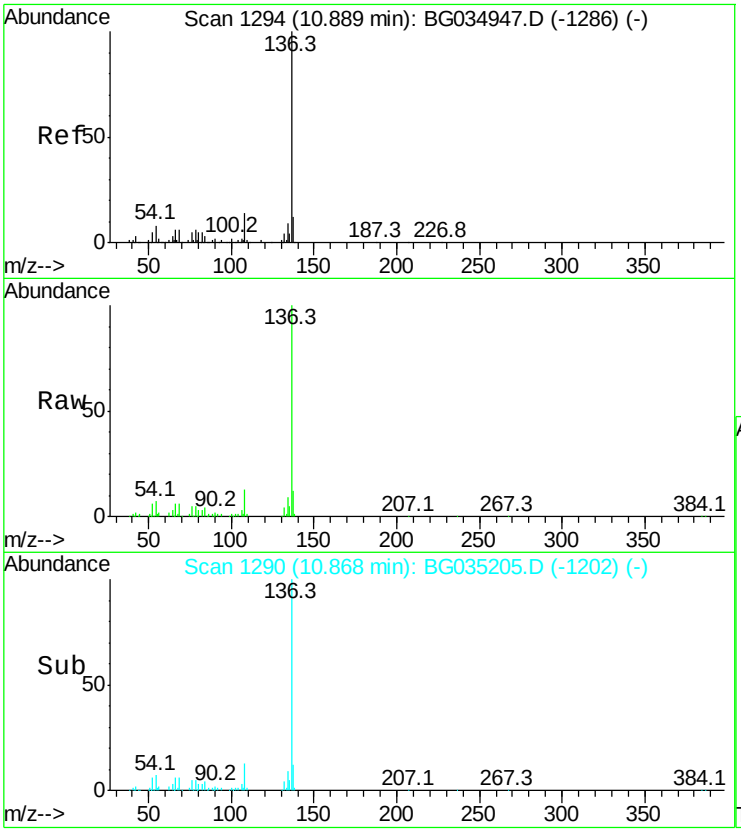


#19
n-Nitroso-di-n-propylamine
Concen: 19.466 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.34 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Tgt Ion: 70 Resp: 63747

Ion	Ratio	Lower	Upper
70	100		
42	35.2	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



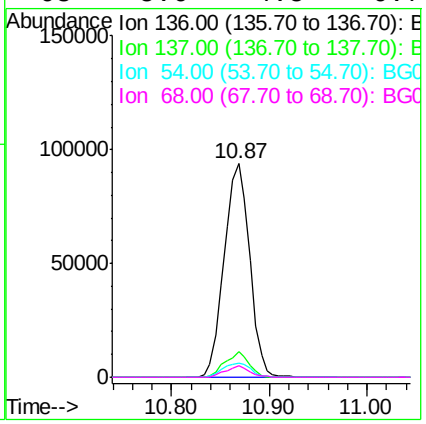


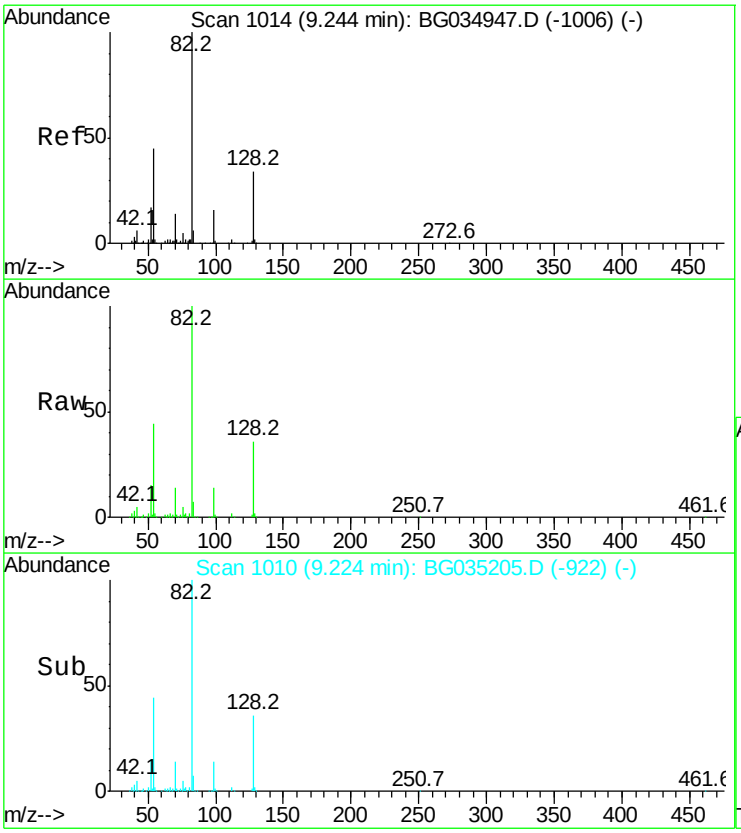
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 169907

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	6.8	10.3	15.5#
68	5.6	4.5	6.7

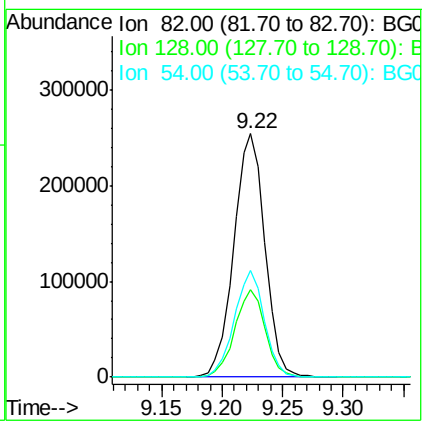


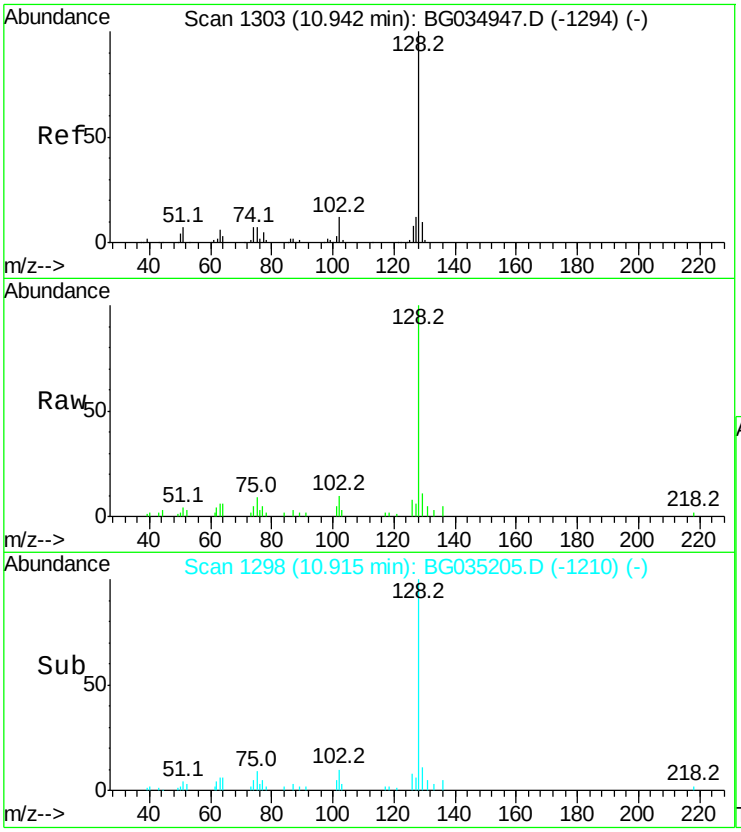


#23
Nitrobenzene-d5
Concen: 127.068 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Tgt Ion: 82 Resp: 454192

Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	43.8	43.1	64.7



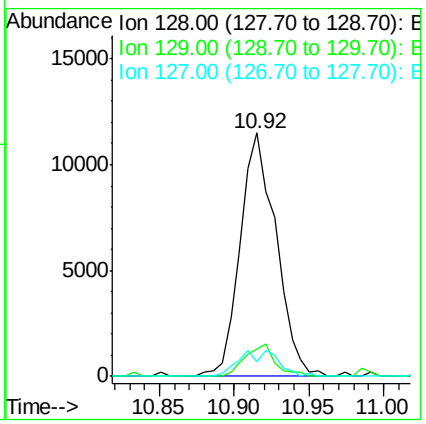


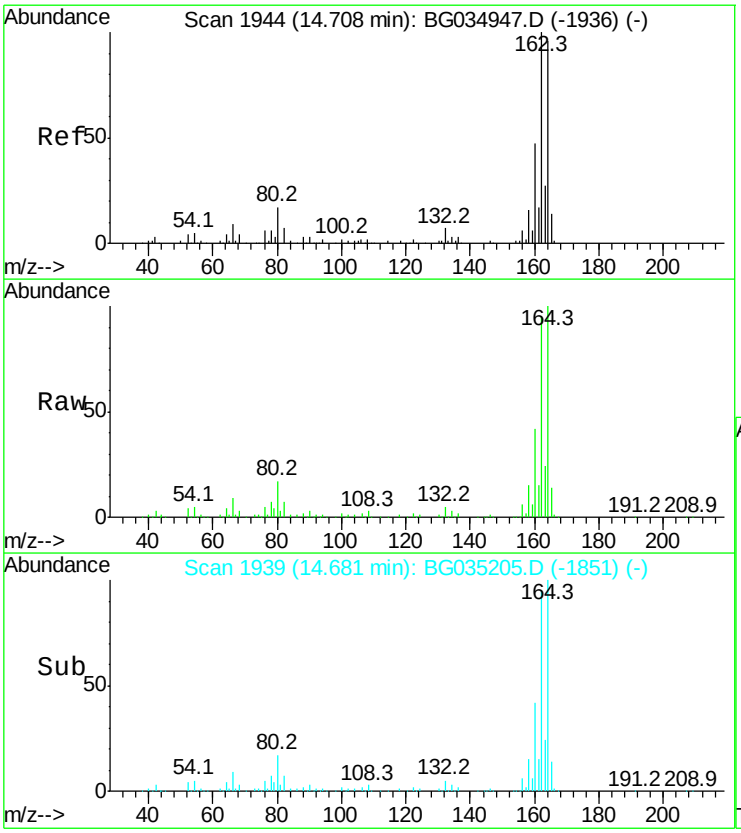
#31
Naphthalene
Concen: 2.165 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 19107

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	6.0	11.6	17.4#

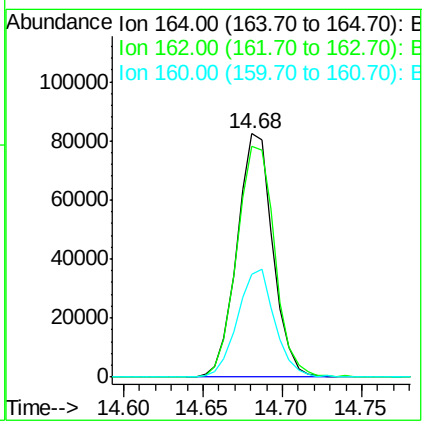


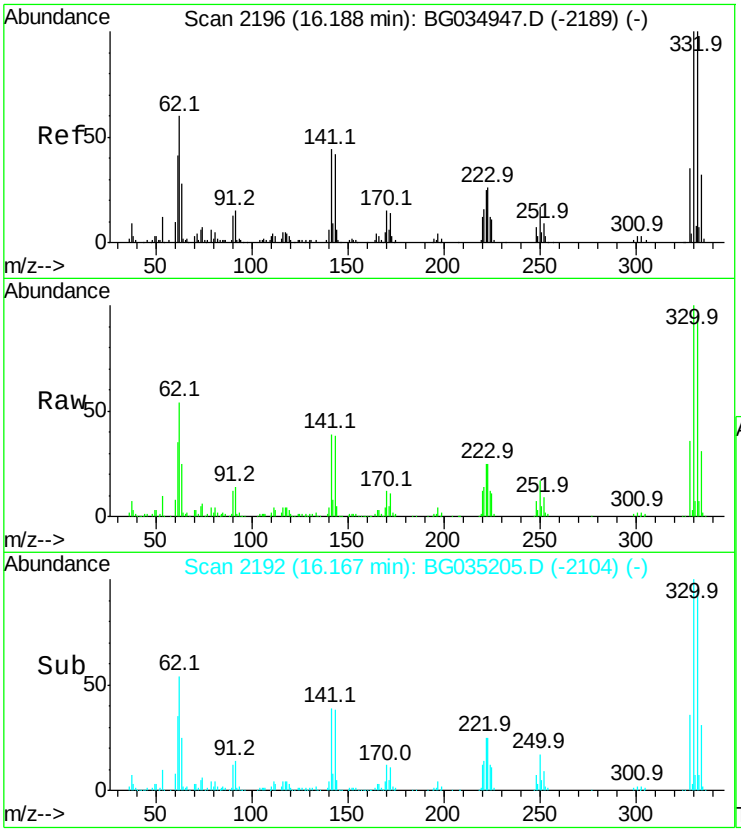


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Tgt Ion:164 Resp: 128965

Ion	Ratio	Lower	Upper
164	100		
162	94.6	78.8	118.2
160	42.2	35.4	53.0



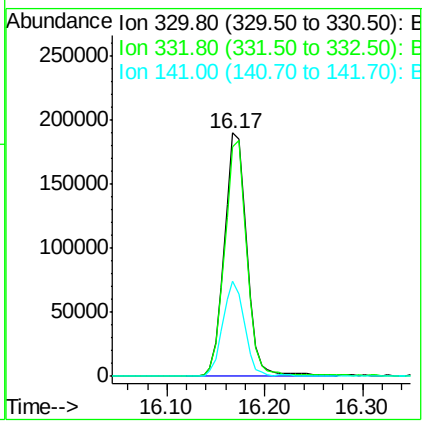


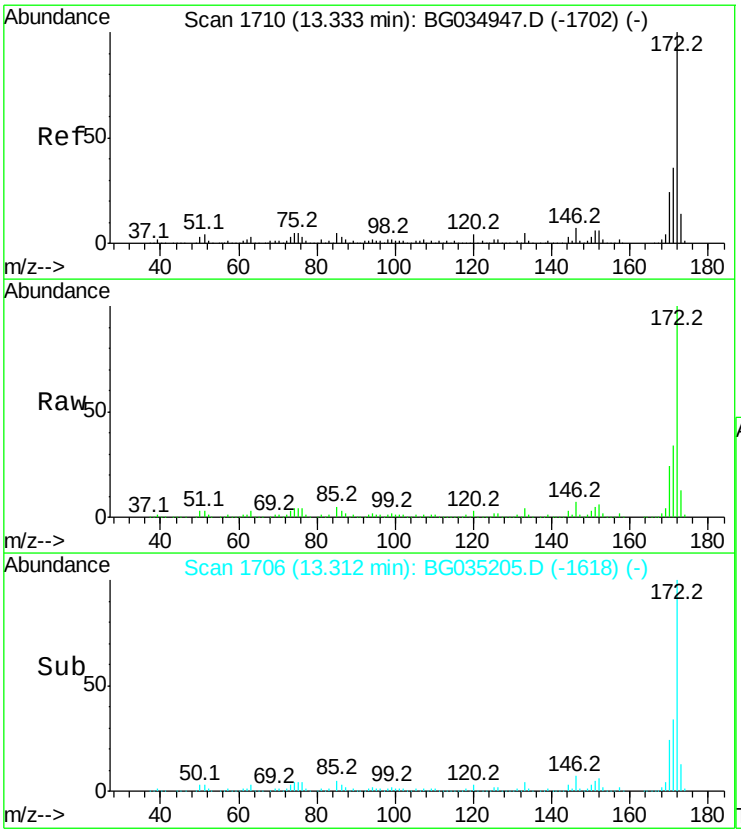
#41
2,4,6-Tribromophenol
Concen: 184.364 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 304369

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	38.0	25.2	37.8#

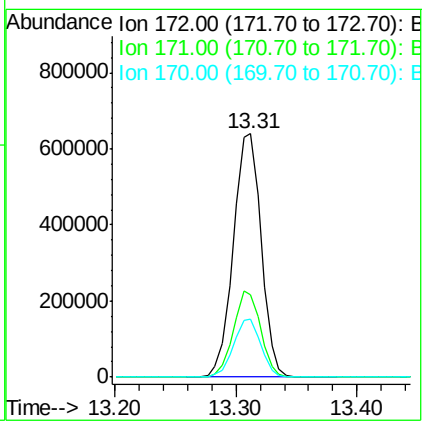


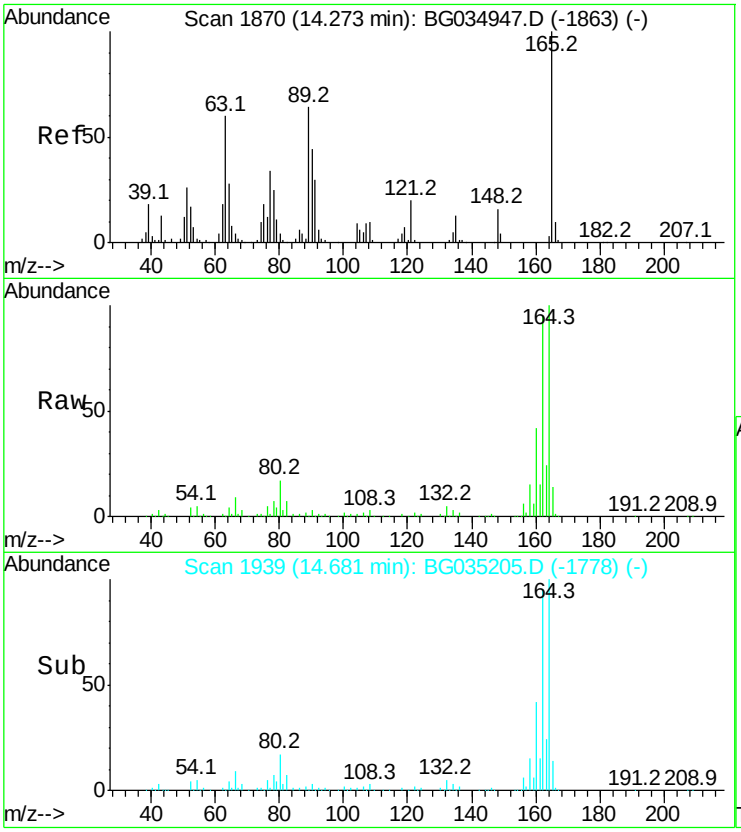


#44
2-Fluorobiphenyl
Concen: 103.743 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Tgt Ion:172 Resp: 1029175

Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	23.7	19.5	29.3



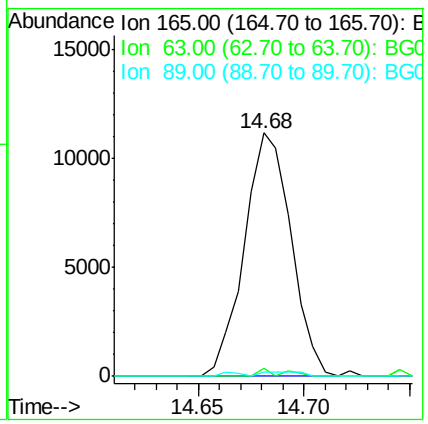


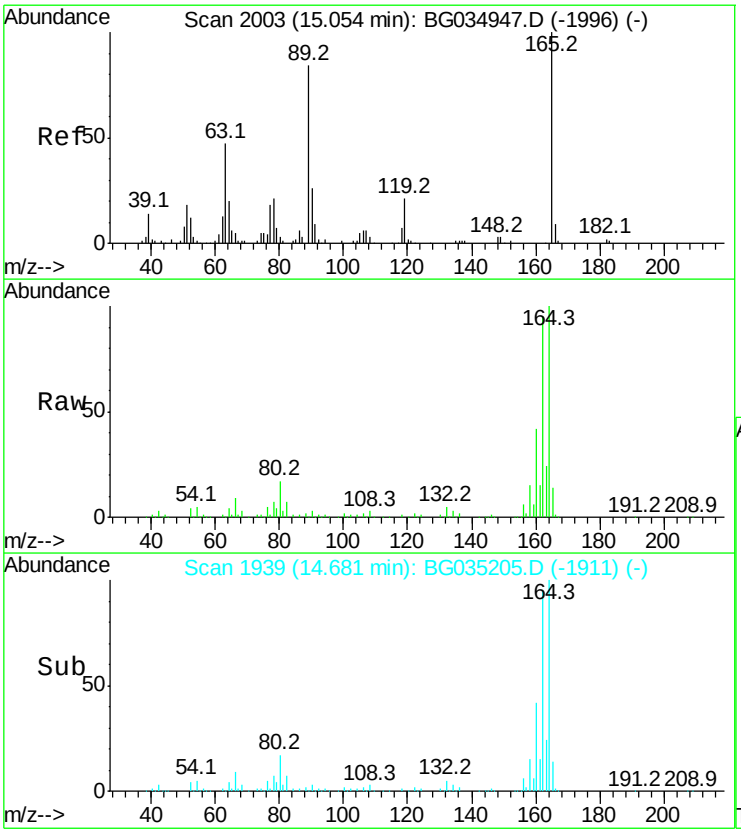
#50
2,6-Dinitrotoluene
Concen: 8.371 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17174

Ion	Ratio	Lower	Upper
165	100		
63	3.3	52.7	79.1#
89	1.7	49.2	73.8#

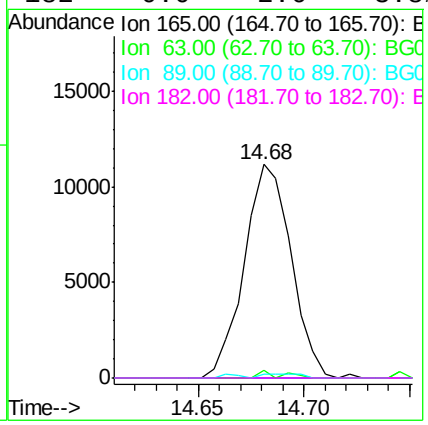


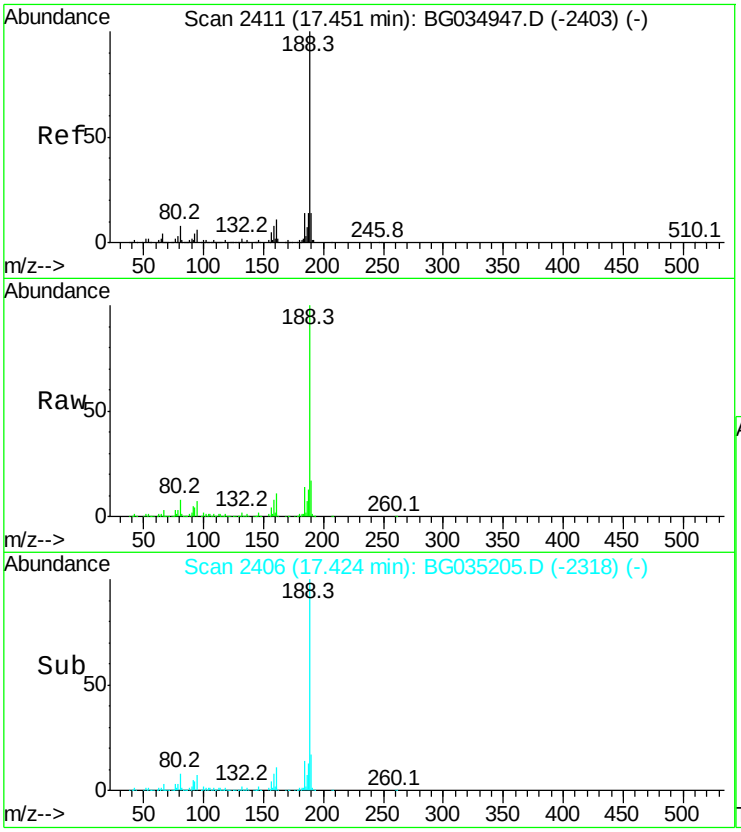


#56
2,4-Dinitrotoluene
Concen: 6.301 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Tgt Ion:165 Resp: 17174

Ion	Ratio	Lower	Upper
165	100		
63	3.3	42.0	63.0#
89	1.7	66.9	100.3#
182	0.0	2.6	3.8#



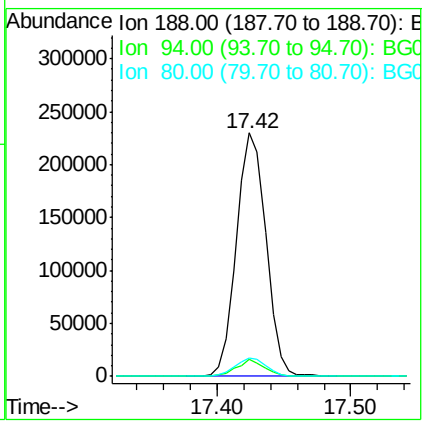


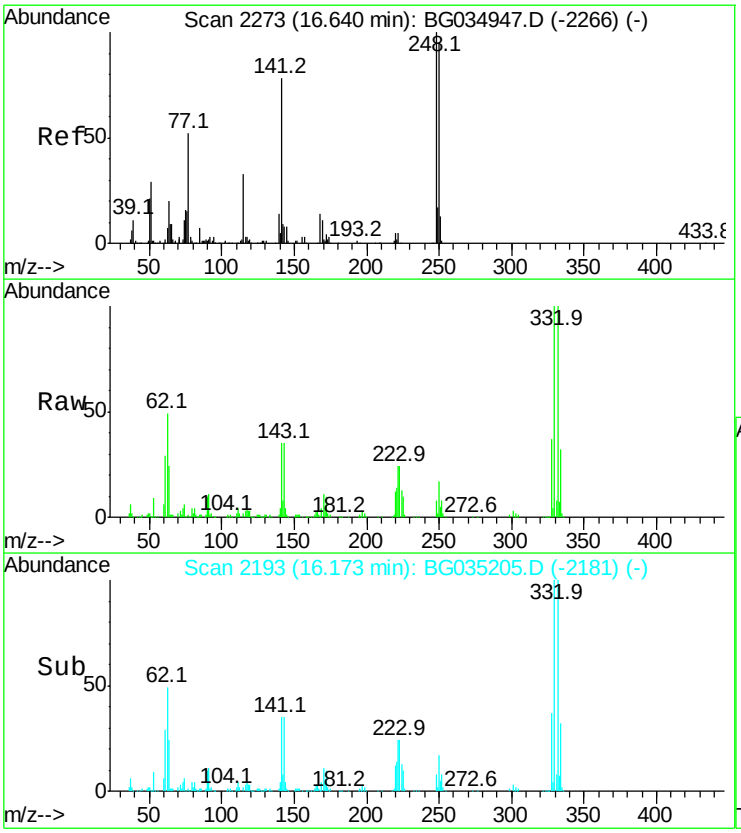
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 351423

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.5	7.7	11.5#

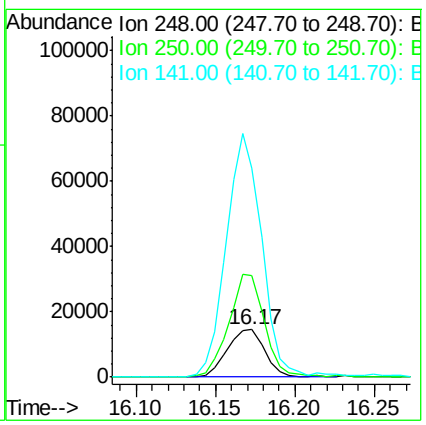


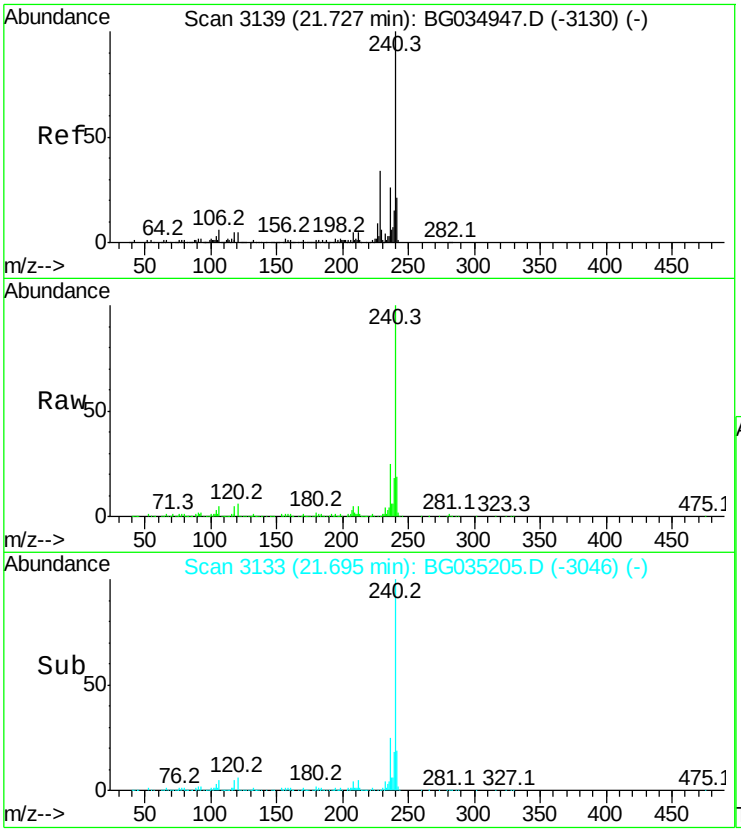


#66
4-Bromophenyl-phenylether
Concen: 5.648 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Tgt Ion:248 Resp: 23901

Ion	Ratio	Lower	Upper
248	100		
250	215.2	77.1	115.7#
141	443.5	50.8	76.2#



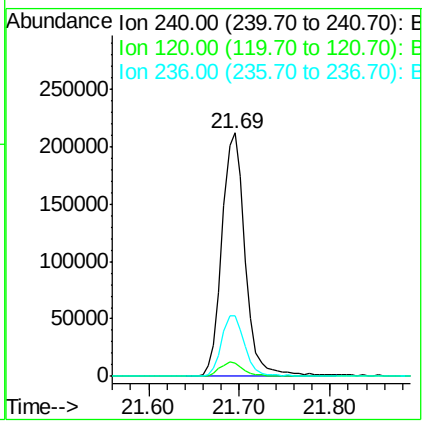


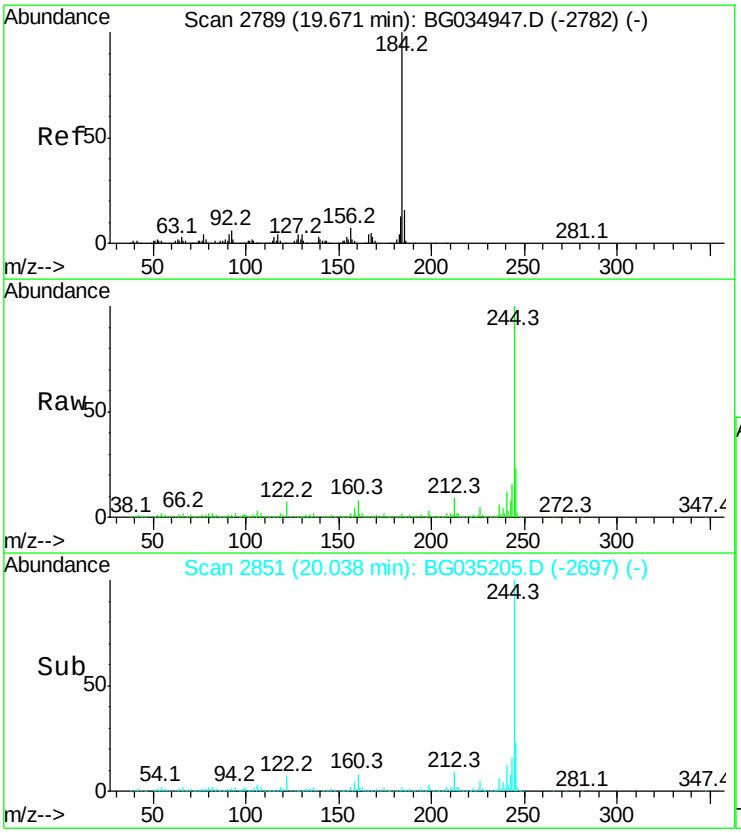
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 377261

Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	24.9	20.9	31.3

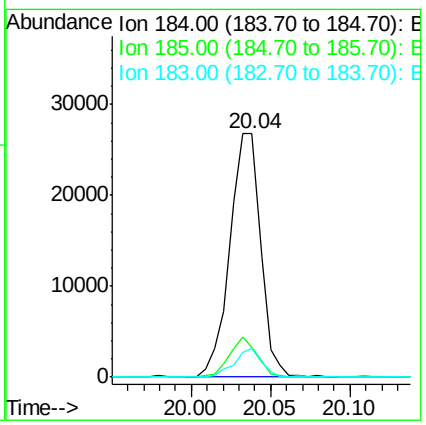


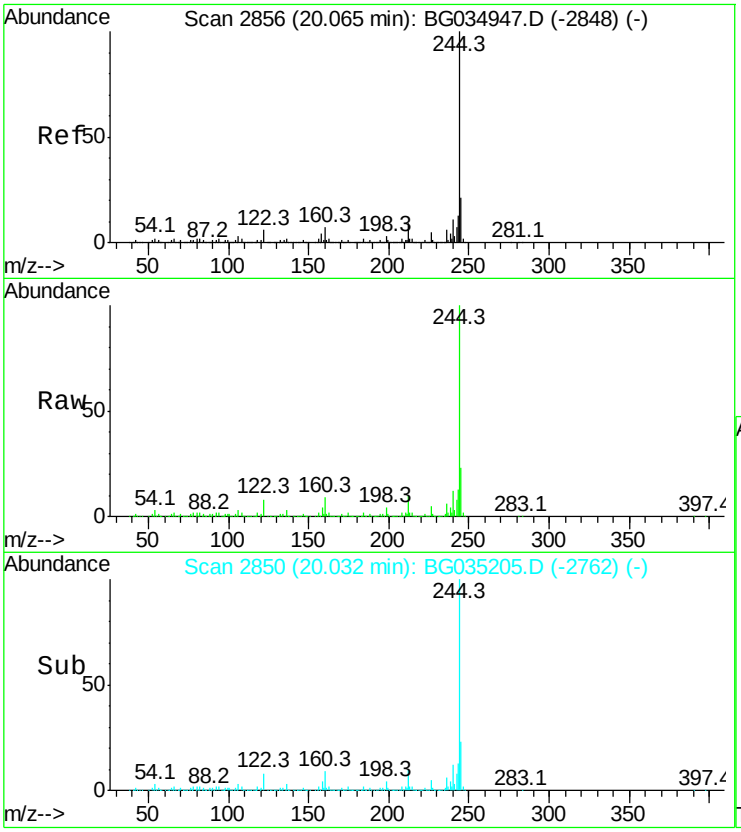


#76
Benzidine
Concen: 2.564 ng
RT: 20.04 min Scan# 2851
Delta R.T. 0.37 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Tgt Ion:184 Resp: 35982

Ion	Ratio	Lower	Upper
184	100		
185	12.5	11.1	16.7
183	11.7	10.6	16.0



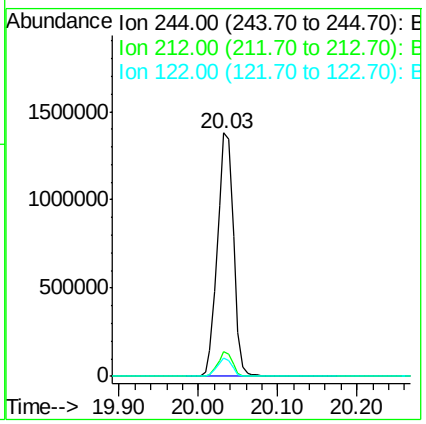


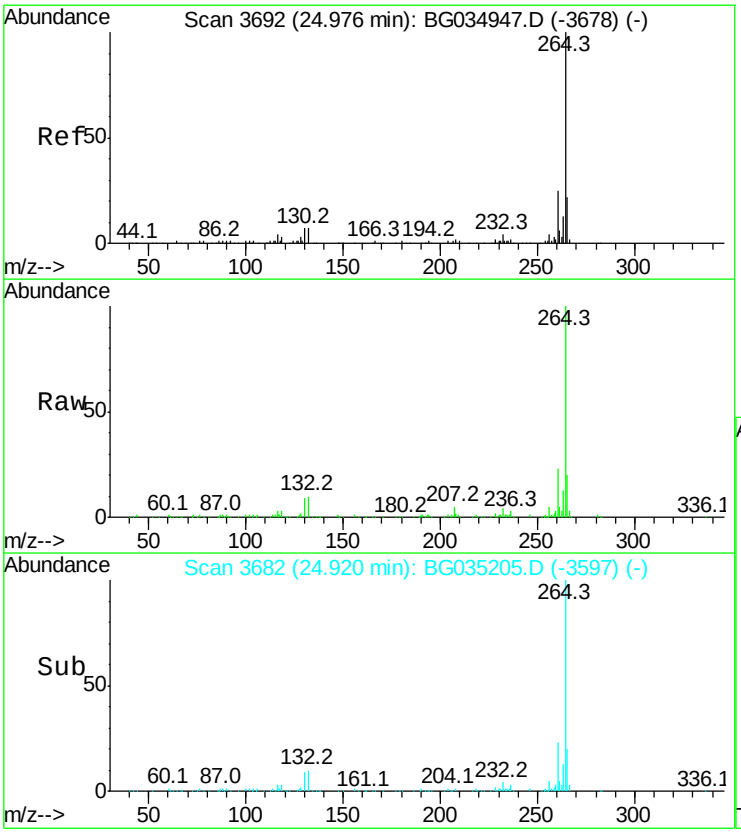
#78
Terphenyl-d14
Concen: 107.826 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1942004

Ion	Ratio	Lower	Upper
244	100		
212	10.1	5.8	8.8#
122	7.7	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.03 min
Lab File: BG035205.D
Acq: 16 Jun 2018 13:05

Tgt Ion:264 Resp: 312519

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	20.4	17.7	26.5