Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
Data File : BG035576.D
Acq On : 3 Jul 2018 7:59
Operator : JU/SJ
Sample : J3800-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 03 08:34:03 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	8.07	152	42370	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	158714	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	109995	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	266971	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	284904	20.00	ng	-0.03
86) Perylene-d12	24.91	264	275039	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	187951	74.86	ng	0.00
7) Phenol-d6	7.23	99	168843	45.56	ng	0.00
23) Nitrobenzene-d5	9.23	82	402924	120.67	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	263639	187.23	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	892652	105.50	ng	-0.02
78) Terphenyl-d14	20.03	244	1438047	105.73	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	54573	17.335	ng	# 67
49) Dimethylphthalate	14.13	163	28328	2.953	ng	# 99
50) 2,6-Dinitrotoluene	14.68	165	15004	8.574	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	15004	6.455	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	19641	6.109	ng	# 1
76) Benzidine	20.03	184	25885	2.442	ng	# 94

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

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QLast Update : Fri Jun 08 17:16:28 2018
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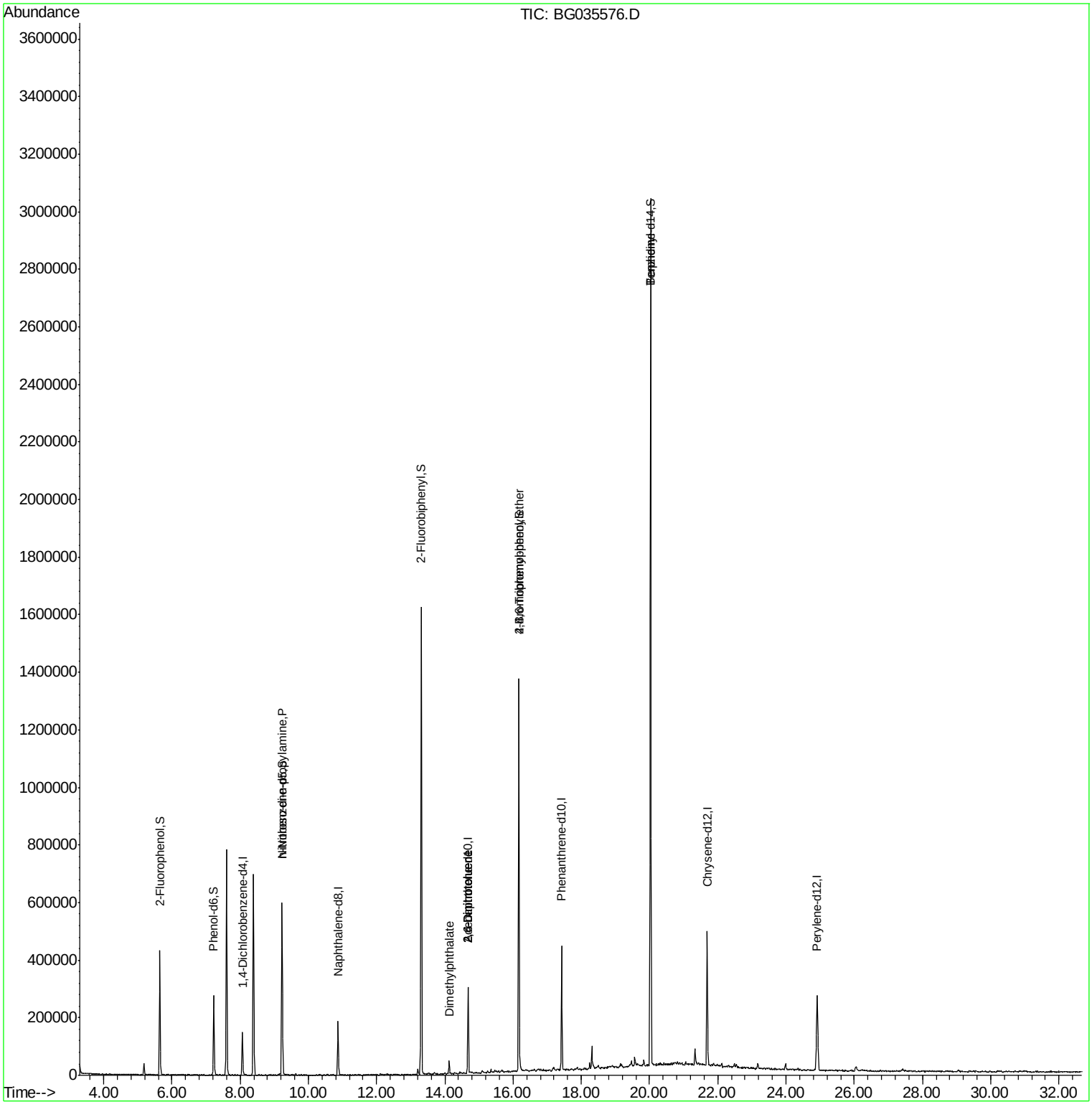
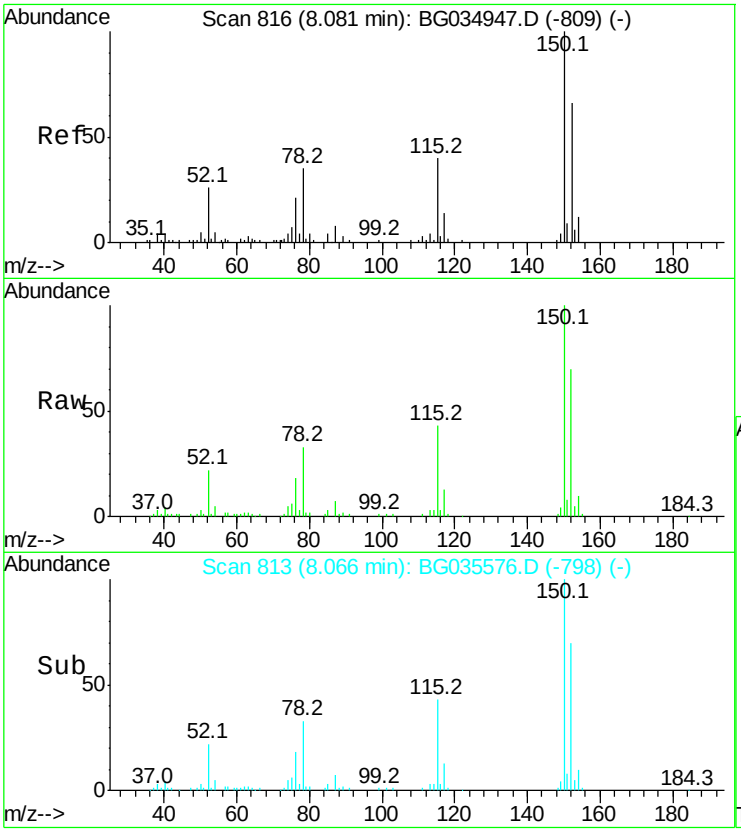


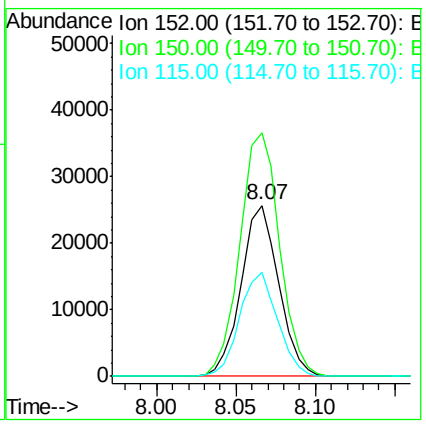


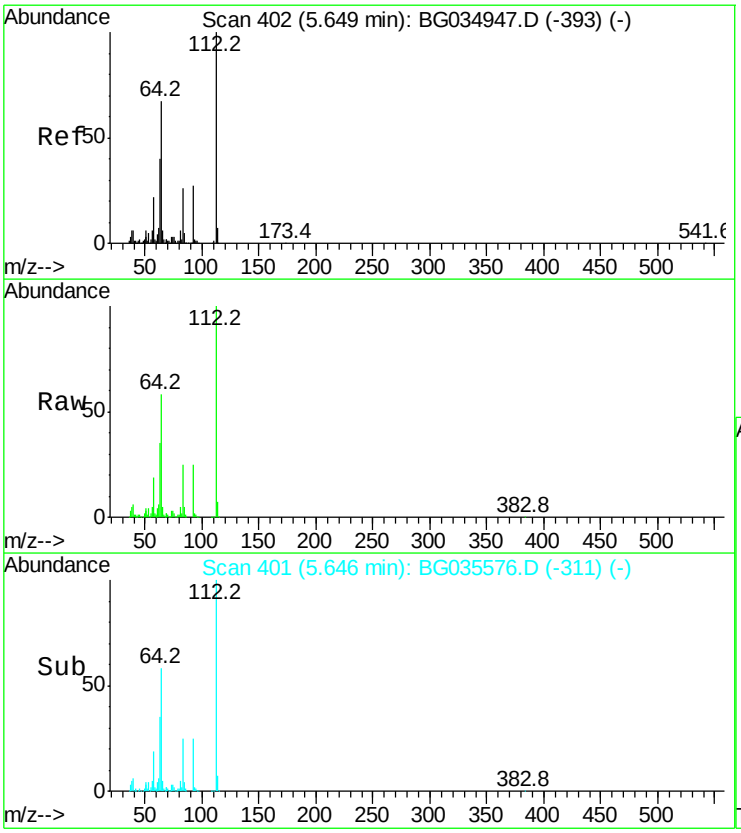
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 42370

Ion	Ratio	Lower	Upper
152	100		
150	142.7	126.6	189.8
115	60.7	53.0	79.4

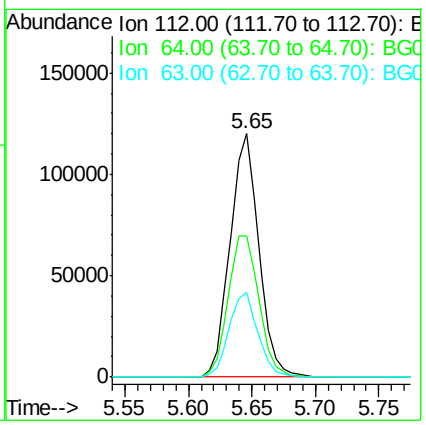


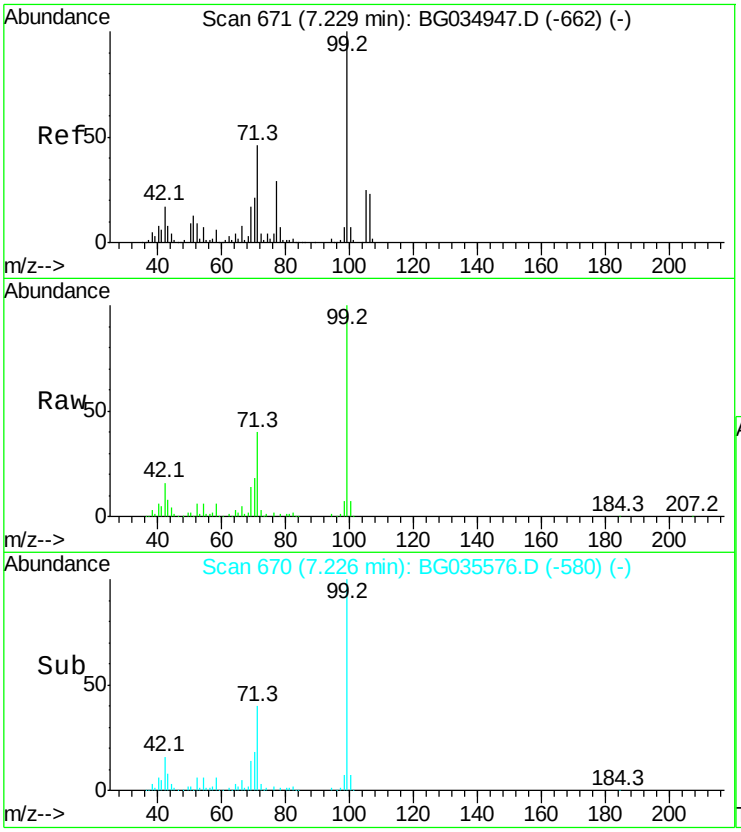


#5
2-Fluorophenol
Concen: 74.861 ng
RT: 5.65 min Scan# 401
Delta R.T. 0.00 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Tgt Ion:112 Resp: 187951

Ion	Ratio	Lower	Upper
112	100		
64	58.0	56.3	84.5
63	34.7	30.1	45.1



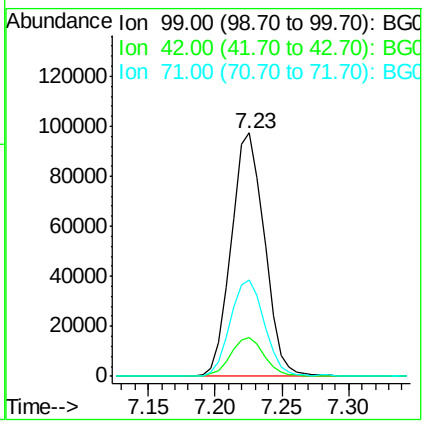


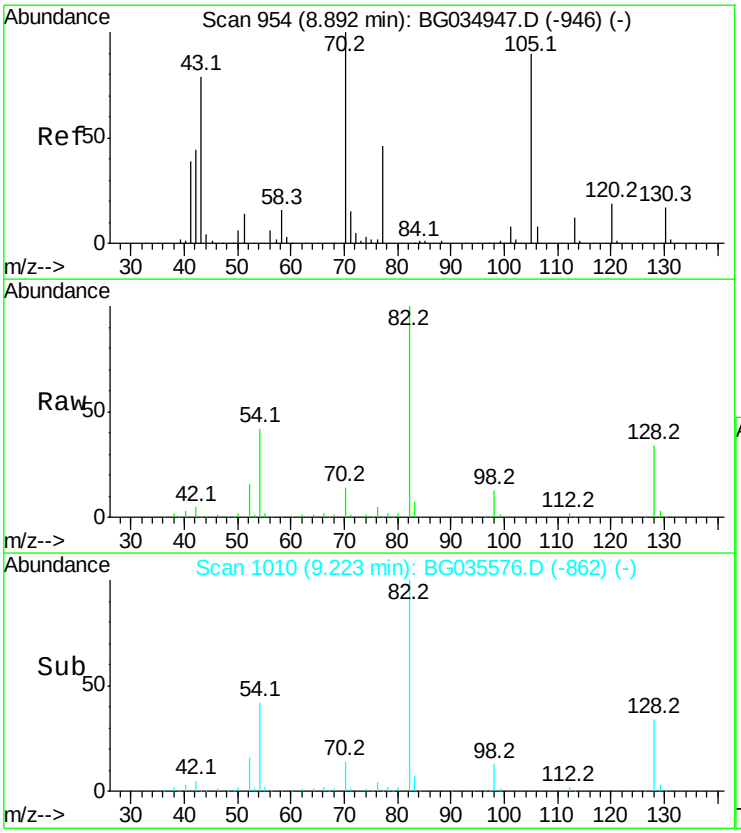
#7
Phenol-d6
Concen: 45.565 ng
RT: 7.23 min Scan# 670
Delta R.T. 0.00 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 168843

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.1	21.1
71	39.8	26.1	39.1#

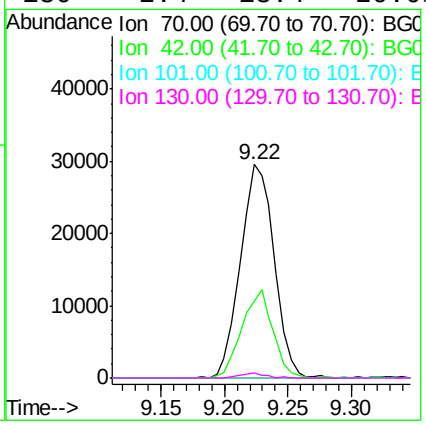


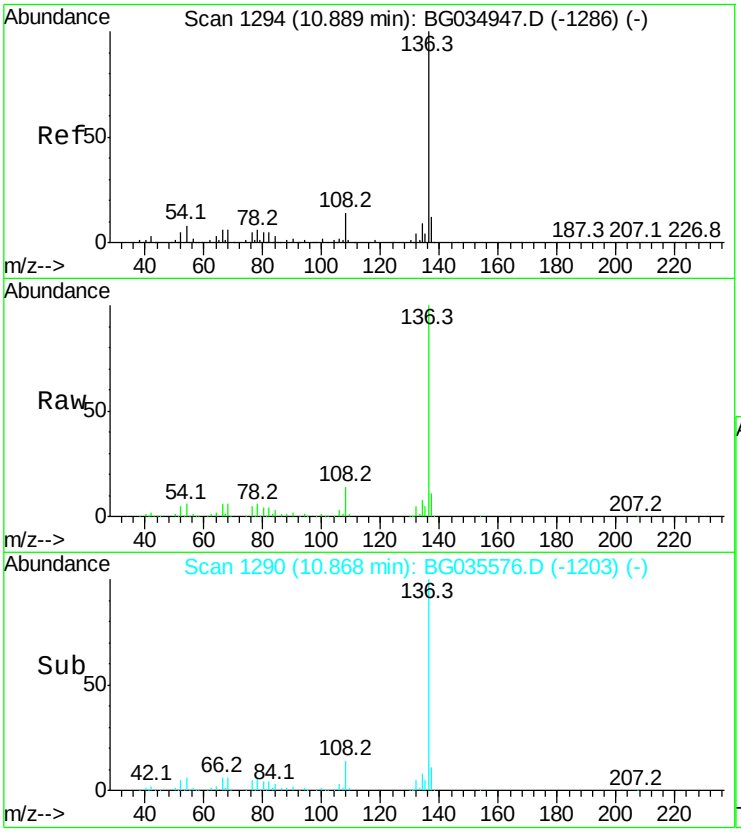


#19
n-Nitroso-di-n-propylamine
Concen: 17.335 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.34 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Tgt Ion: 70 Resp: 54573

Ion	Ratio	Lower	Upper
70	100		
42	36.1	49.1	73.7#
101	0.0	8.5	12.7#
130	2.4	13.4	20.0#



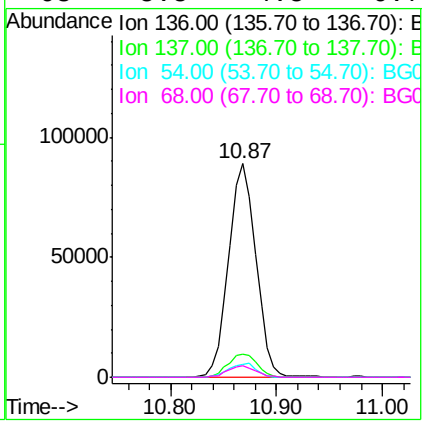


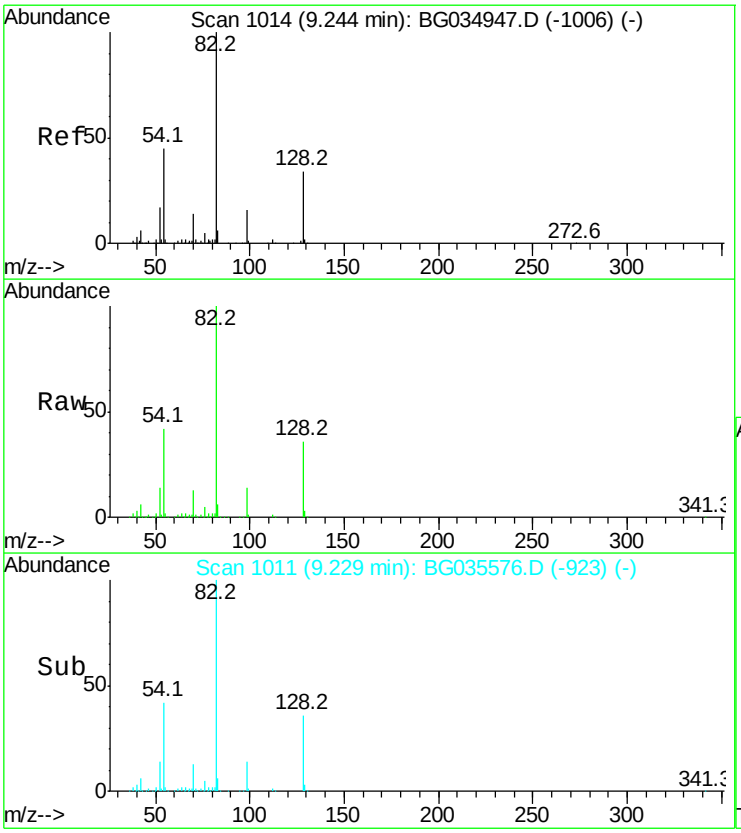
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 158714

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	5.8	10.3	15.5#
68	5.5	4.5	6.7

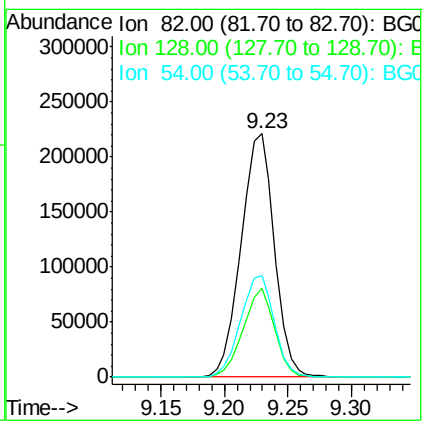


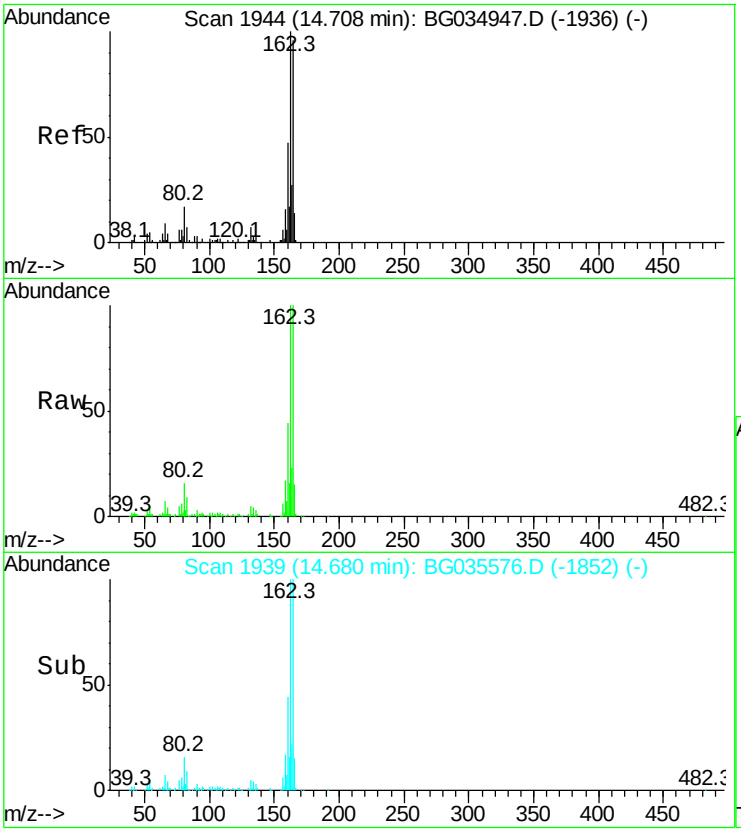


#23
Nitrobenzene-d5
Concen: 120.674 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Tgt Ion: 82 Resp: 402924

Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.7	44.5
54	41.6	43.1	64.7#



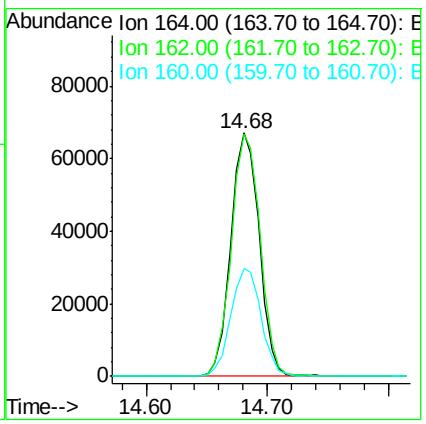


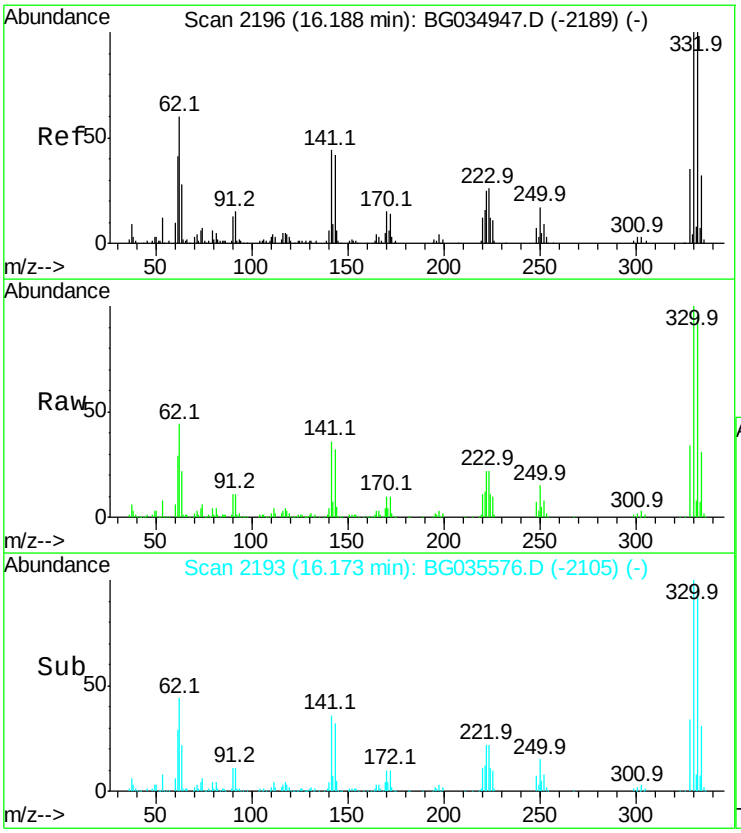
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 109995

Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.8	118.2
160	44.4	35.4	53.0

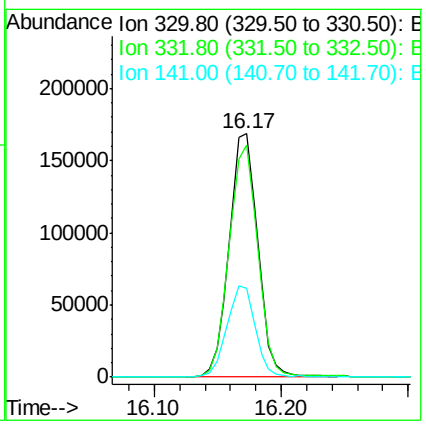


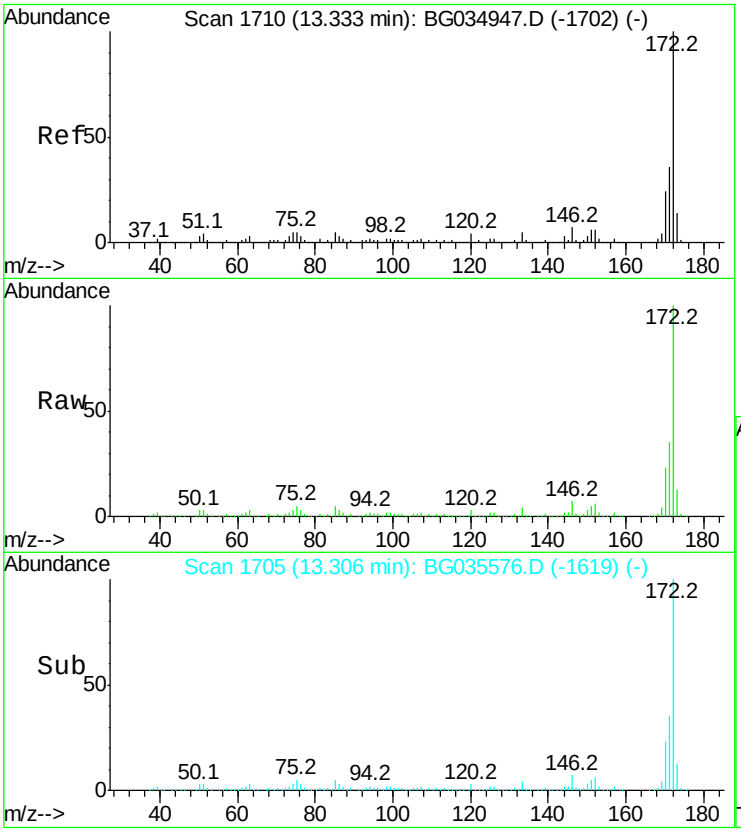


#41
2,4,6-Tribromophenol
Concen: 187.234 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Tgt Ion:330 Resp: 263639

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.1	25.2	37.8



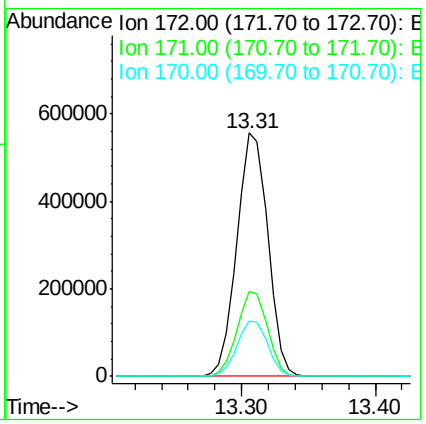


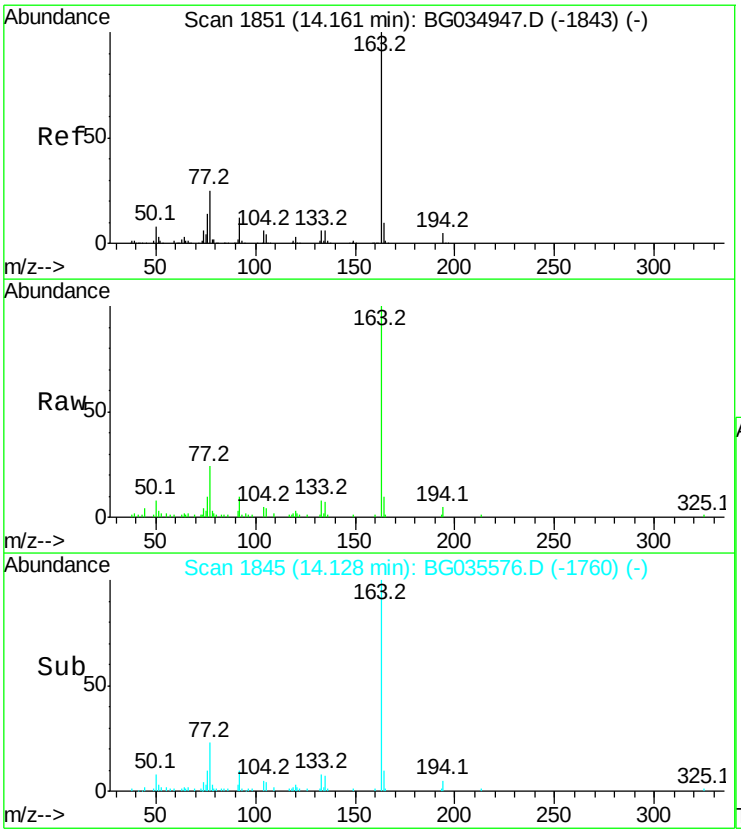
#44
2-Fluorobiphenyl
Concen: 105.500 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 892652

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	22.7	19.5	29.3

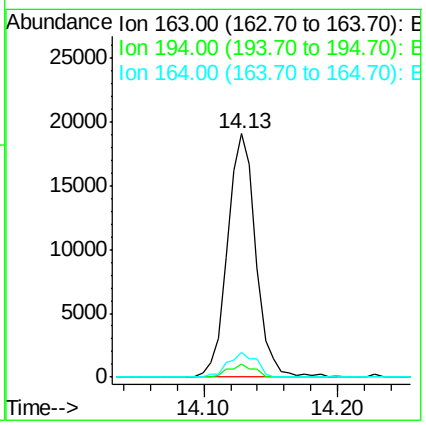


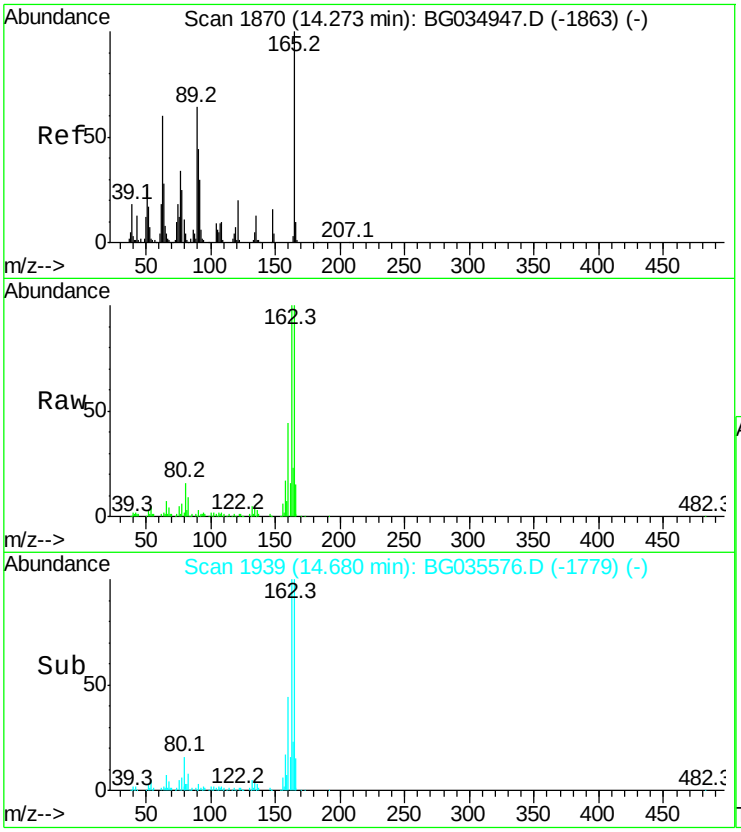


#49
Dimethylphthalate
Concen: 2.953 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Tgt Ion:163 Resp: 28328

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	10.1	8.2	12.4



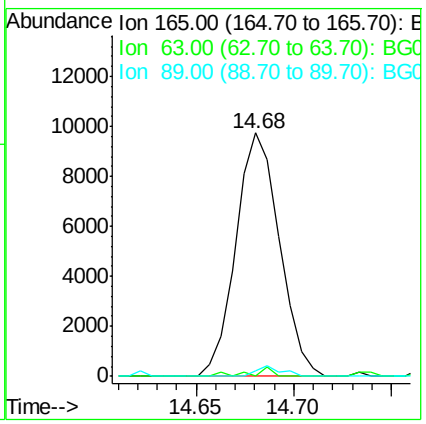


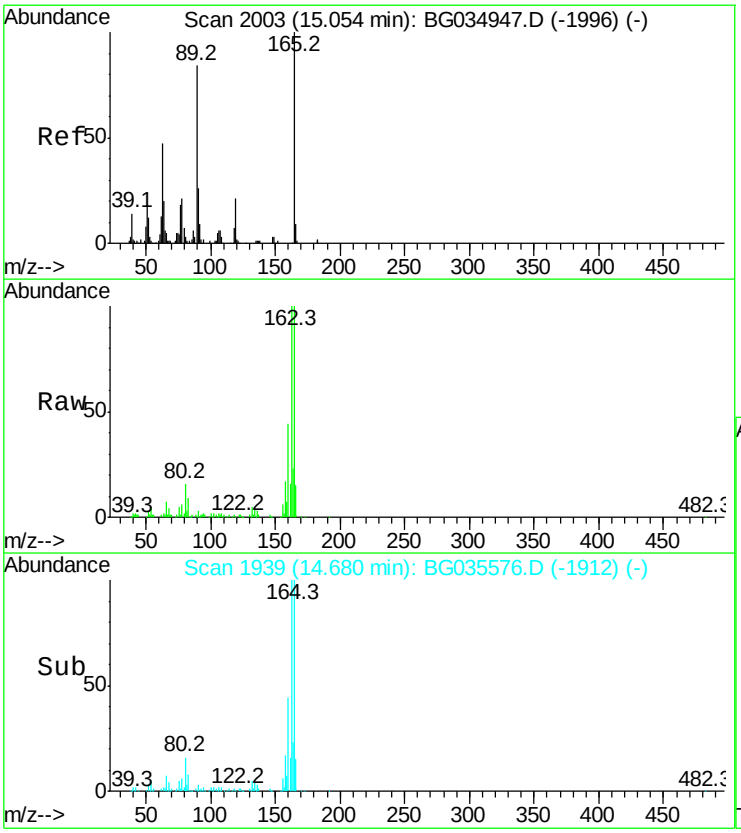
#50
2,6-Dinitrotoluene
Concen: 8.574 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15004

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.2	49.2	73.8#

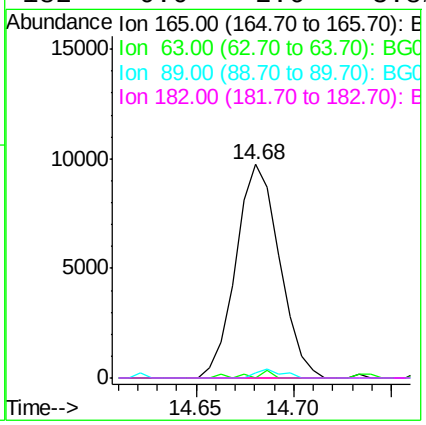


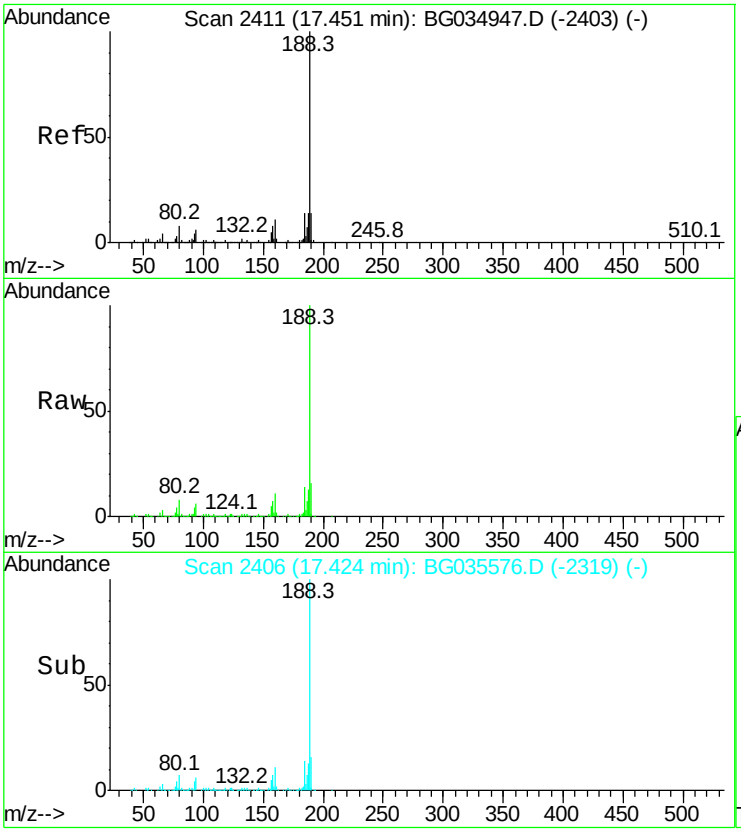


#56
2,4-Dinitrotoluene
Concen: 6.455 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Tgt Ion:165 Resp: 15004

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.2	66.9	100.3#
182	0.0	2.6	3.8#



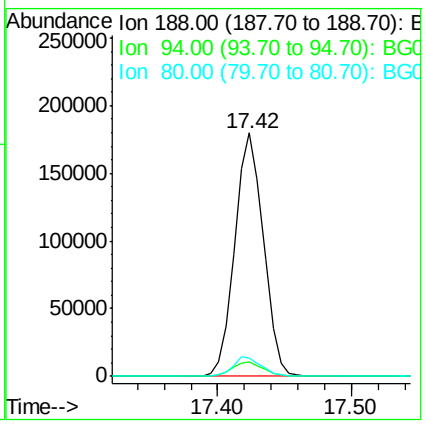


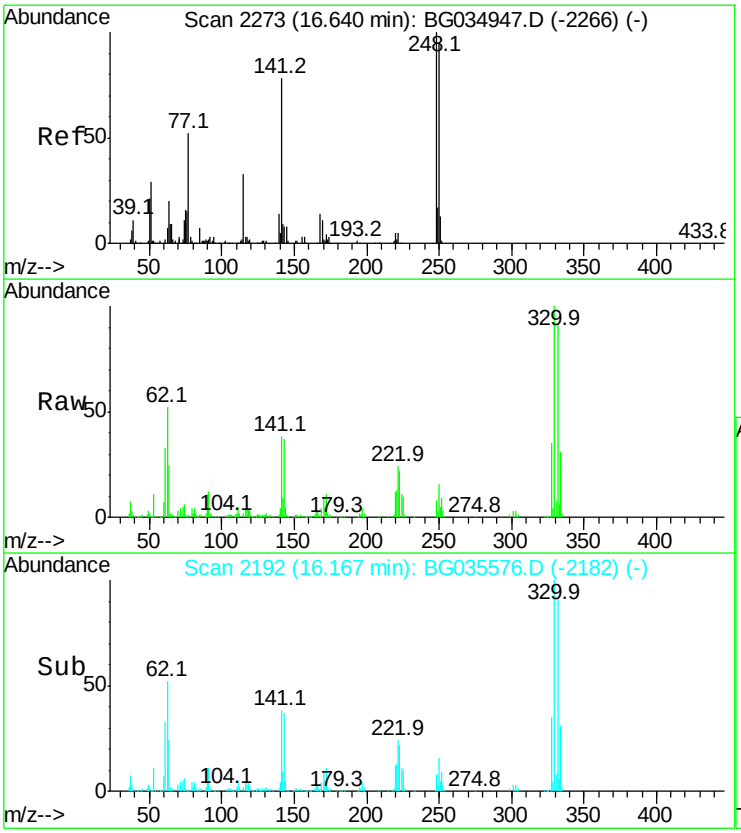
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 266971

Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	7.5	7.7	11.5#

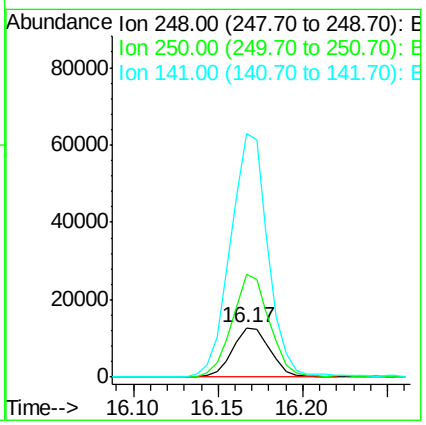


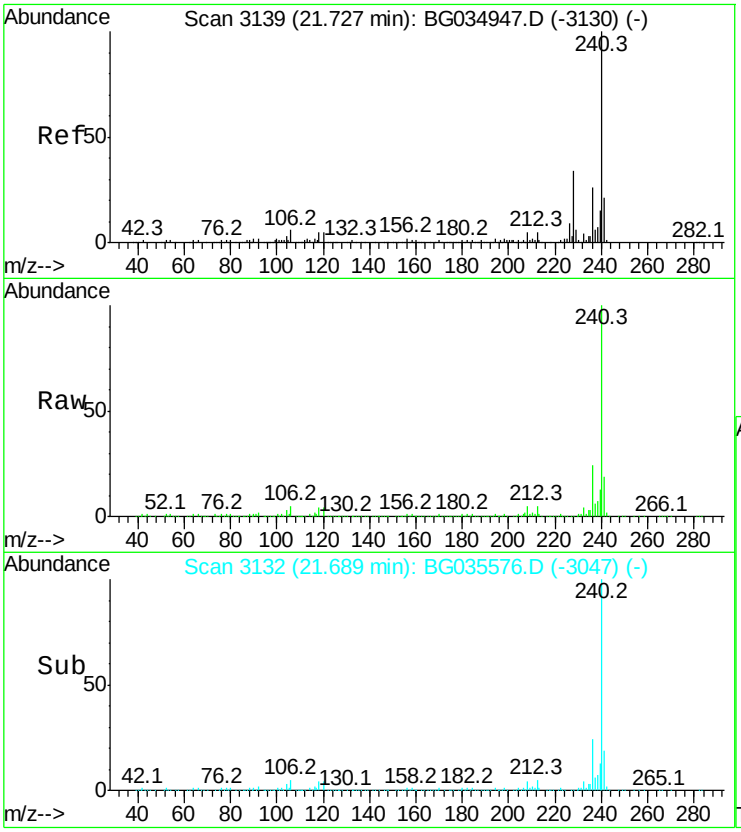


#66
4-Bromophenyl-phenylether
Concen: 6.109 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Tgt Ion:248 Resp: 19641

Ion	Ratio	Lower	Upper
248	100		
250	206.9	77.1	115.7#
141	492.0	50.8	76.2#



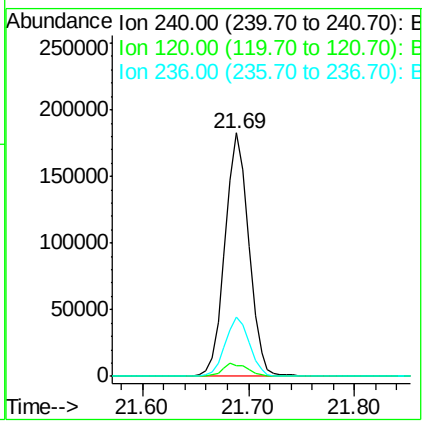


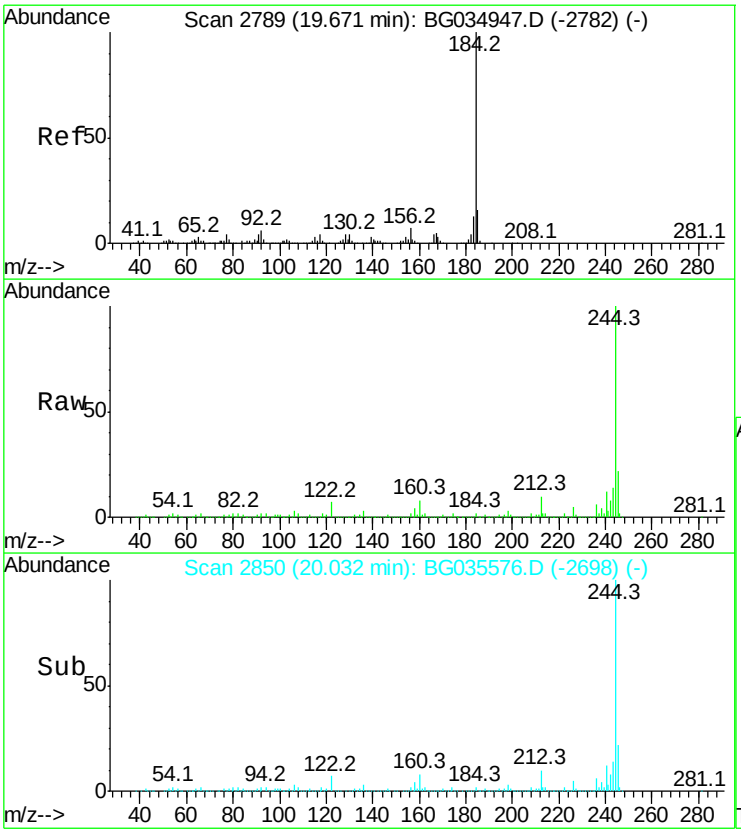
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 284904

Ion	Ratio	Lower	Upper
240	100		
120	4.3	6.8	10.2#
236	24.1	20.9	31.3

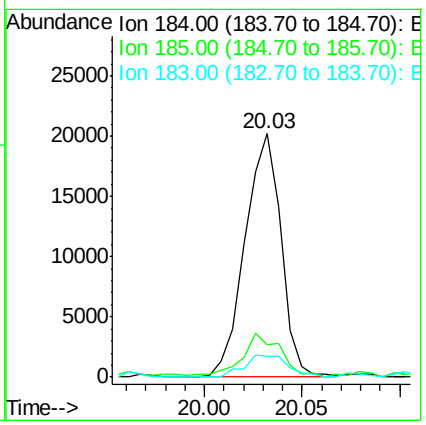


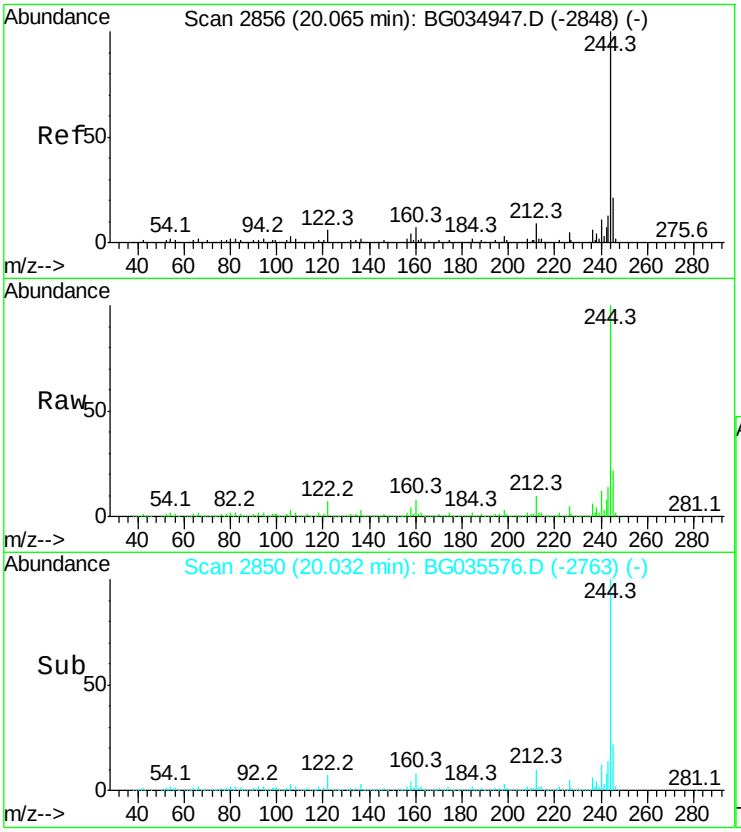


#76
Benzidine
Concen: 2.442 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.37 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Tgt Ion:184 Resp: 25885

Ion	Ratio	Lower	Upper
184	100		
185	13.3	11.1	16.7
183	8.7	10.6	16.0#



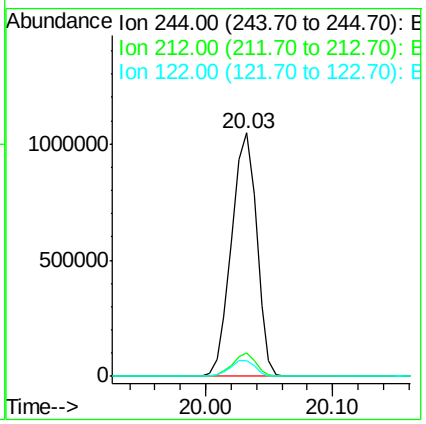


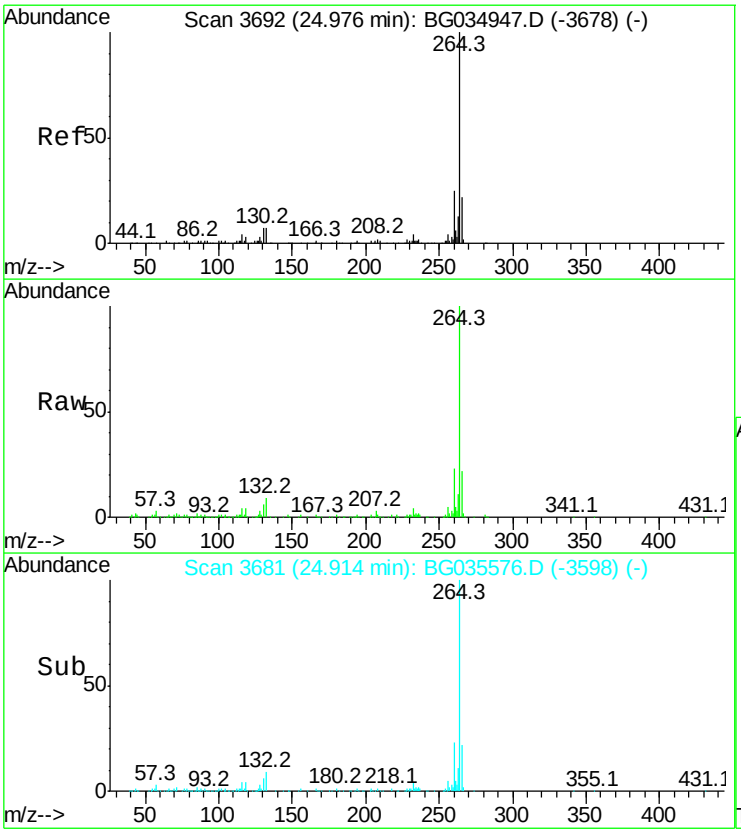
#78
Terphenyl-d14
Concen: 105.728 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1438047

Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	6.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.04 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Tgt Ion:264 Resp: 275039

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.5	17.7	26.5