Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
Data File : BG036204.D
Acq On : 8 Aug 2018 19:13
Operator : JU/SJ
Sample : J4379-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-107S

Quant Time: Aug 09 01:31:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	25140	20.00	ng		-0.01
21) Naphthalene-d8	10.81	136	91075	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	63823	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	182123	20.00	ng		-0.01
75) Chrysene-d12	21.64	240	199603	20.00	ng		-0.02
86) Perylene-d12	24.82	264	191622	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	95376	62.99	ng		0.00
7) Phenol-d6	7.18	99	80604	35.68	ng		-0.01
23) Nitrobenzene-d5	9.17	82	236144	108.32	ng		-0.01
41) 2,4,6-Tribromophenol	16.12	330	168700	200.54	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	513989	107.89	ng		-0.02
78) Terphenyl-d14	19.99	244	1092647	120.67	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.17	70	32748	17.213	ng	#	70
49) Dimethylphthalate	14.09	163	27289	4.880	ng		99
50) 2,6-Dinitrotoluene	14.64	165	8790	7.719	ng	#	22
56) 2,4-Dinitrotoluene	14.64	165	8790	5.381	ng	#	19
66) 4-Bromophenyl-phenylether	16.12	248	13308	6.298	ng	#	1
76) Benzidine	19.99	184	19101	3.640	ng	#	93

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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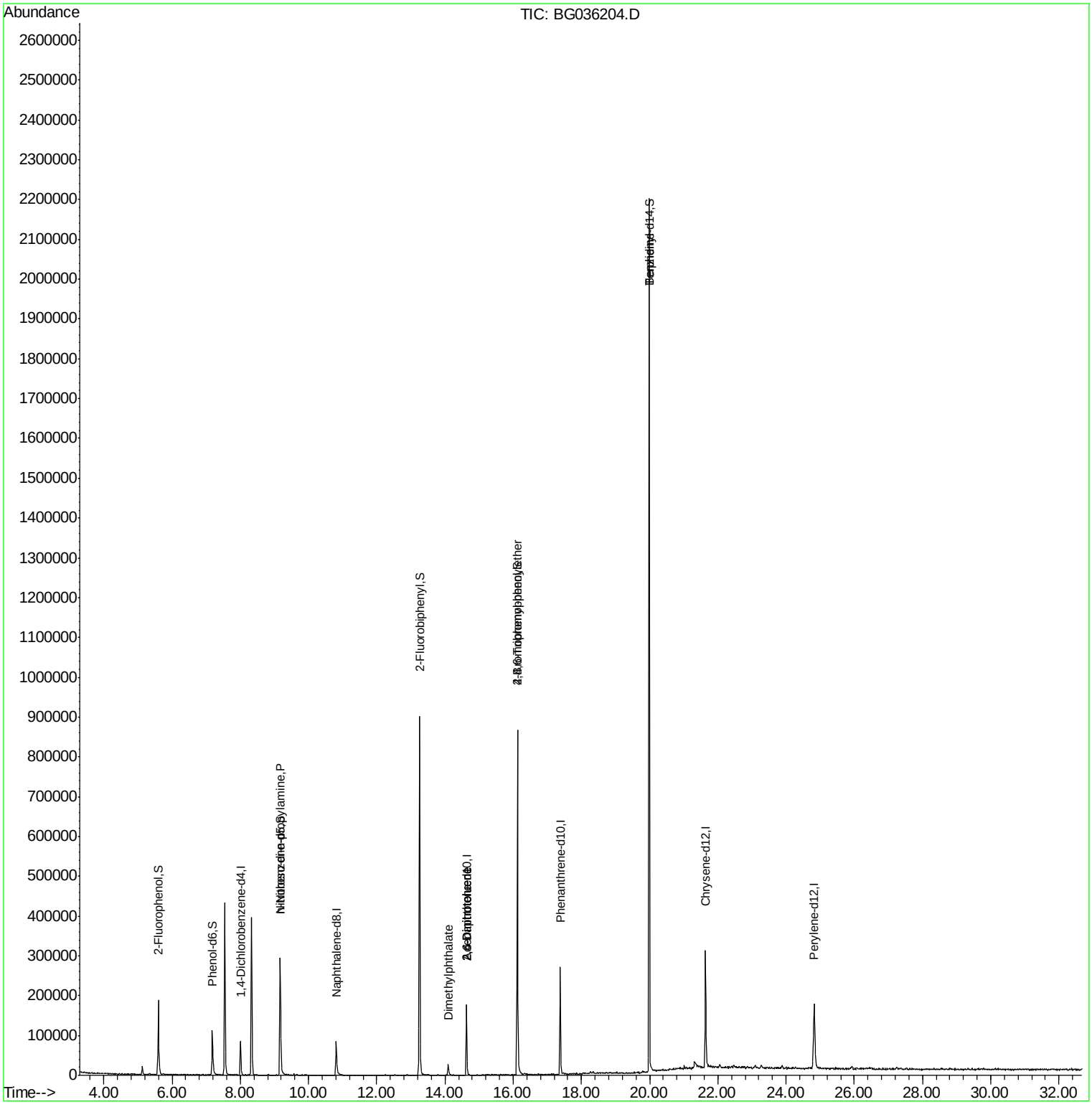
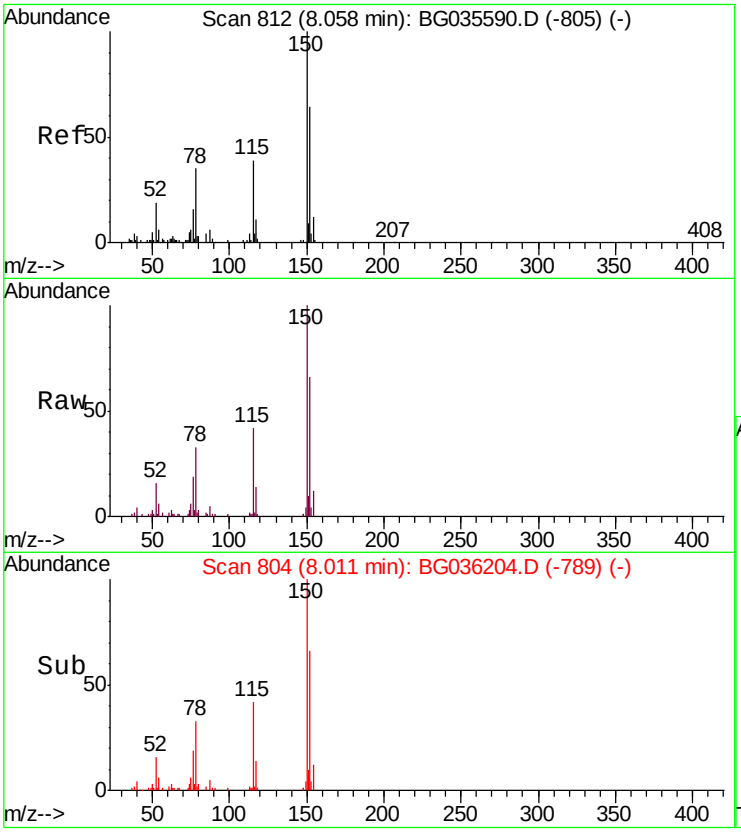


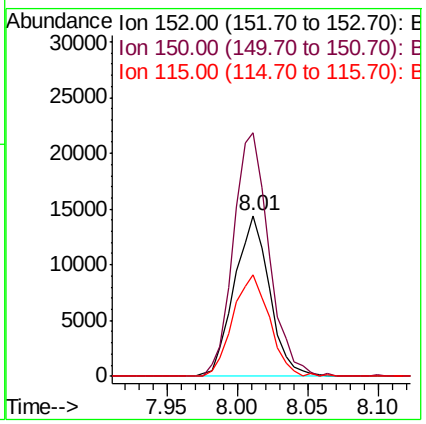


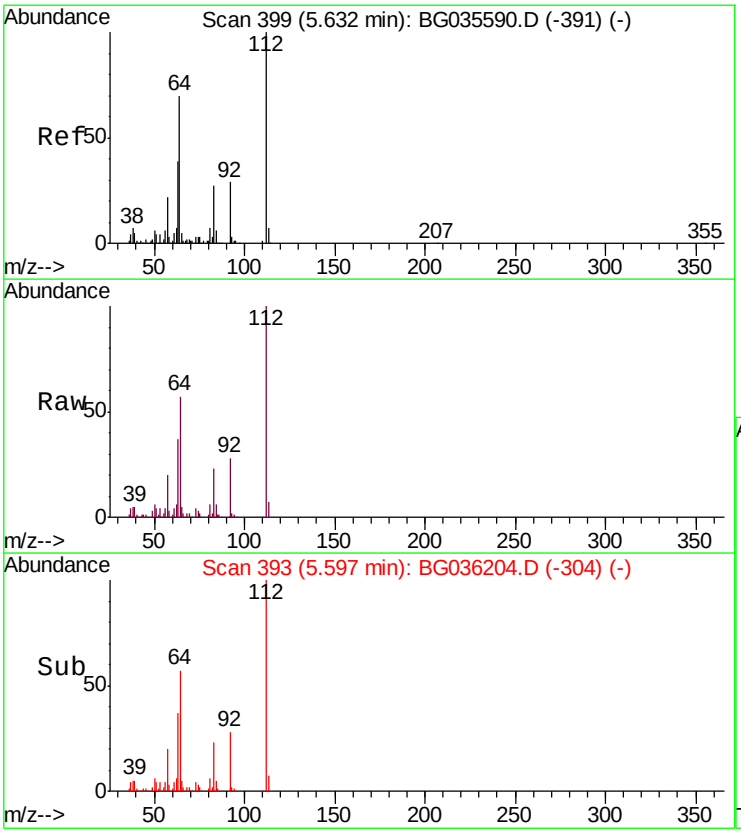
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Instrument :
BNA_G
ClientSampleId :
MW-107S

Tgt Ion:152 Resp: 25140

Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.6	189.8
115	63.3	53.0	79.4

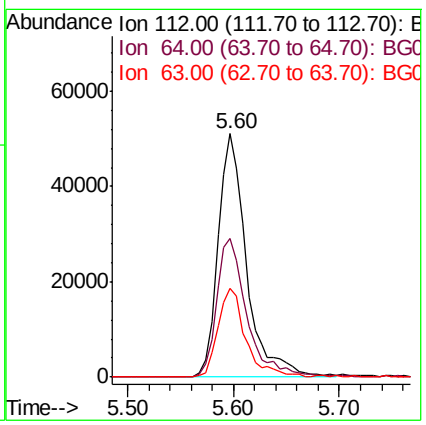


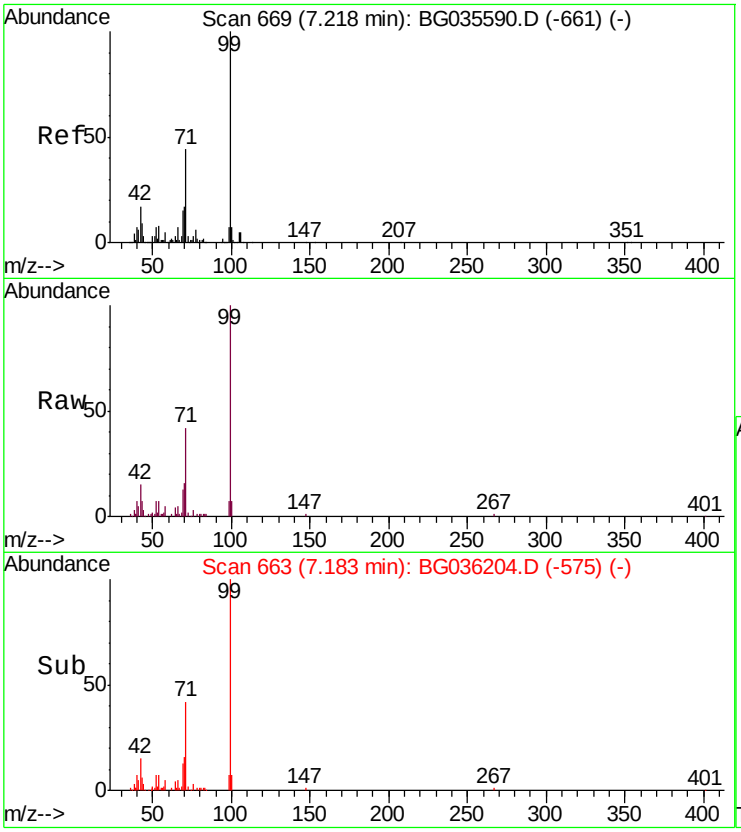


#5
2-Fluorophenol
Concen: 62.986 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Tgt Ion:112 Resp: 95376

Ion	Ratio	Lower	Upper
112	100		
64	57.1	56.3	84.5
63	36.5	30.1	45.1



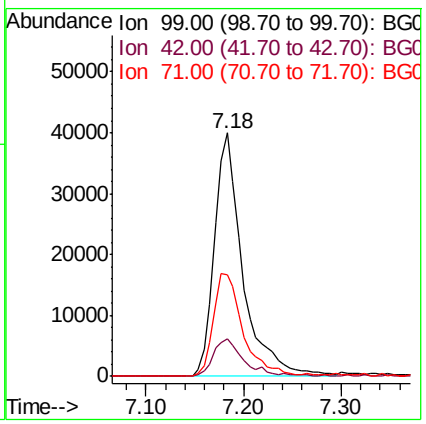


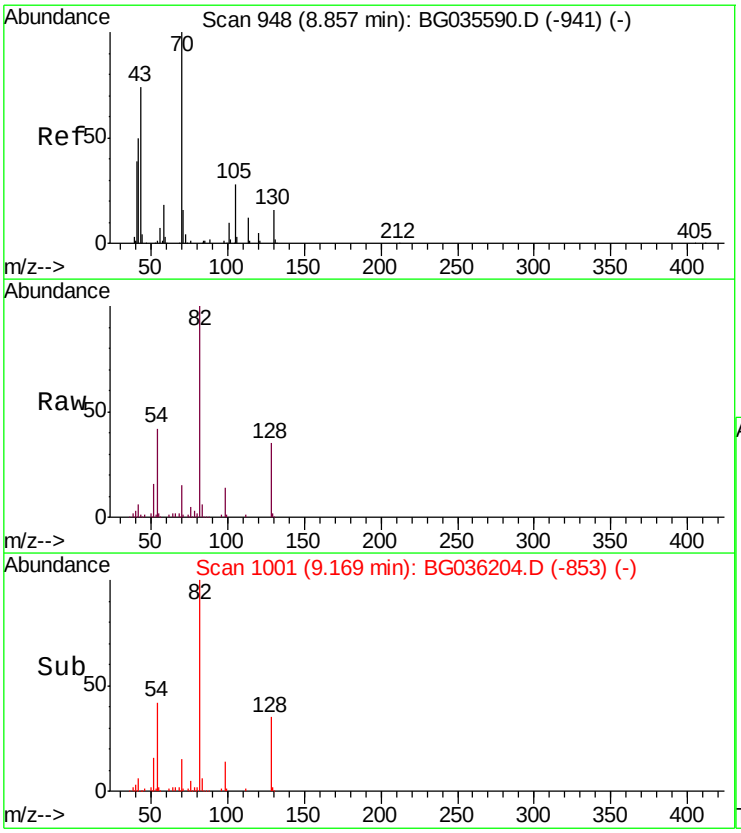
#7
Phenol-d6
Concen: 35.678 ng
RT: 7.18 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Instrument :
BNA_G
ClientSampleId :
MW-107S

Tgt Ion: 99 Resp: 80604

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.1	21.1
71	41.5	26.1	39.1#

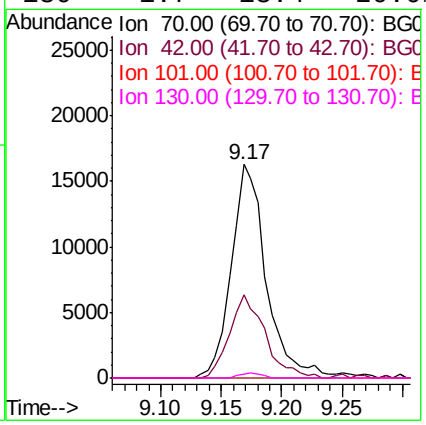


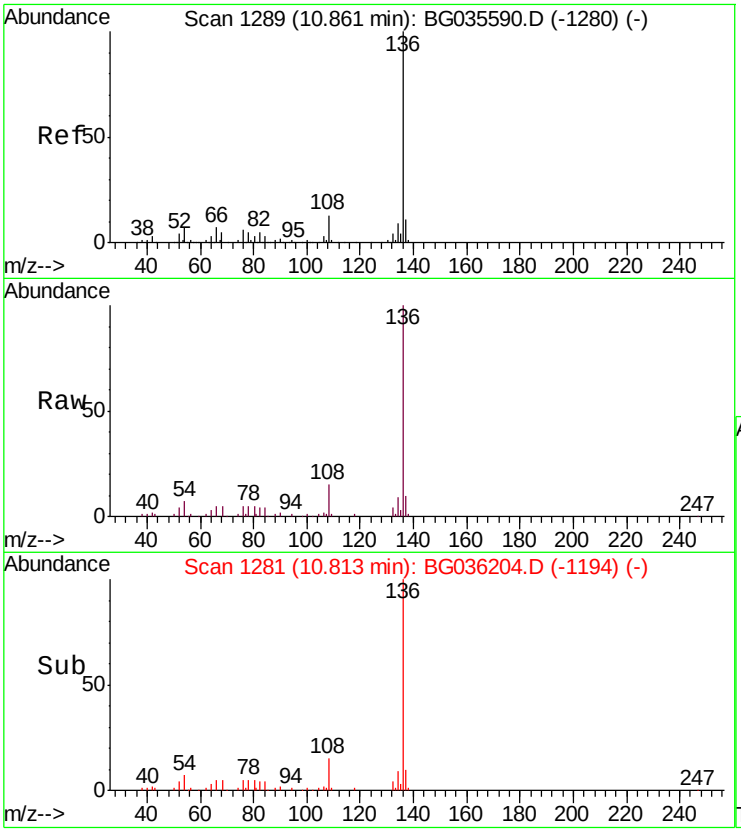


#19
n-Nitroso-di-n-propylamine
Concen: 17.213 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Tgt Ion: 70 Resp: 32748

Ion	Ratio	Lower	Upper
70	100		
42	38.9	49.1	73.7#
101	0.0	8.5	12.7#
130	1.7	13.4	20.0#



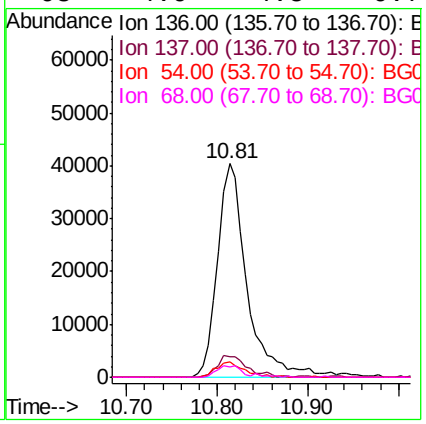


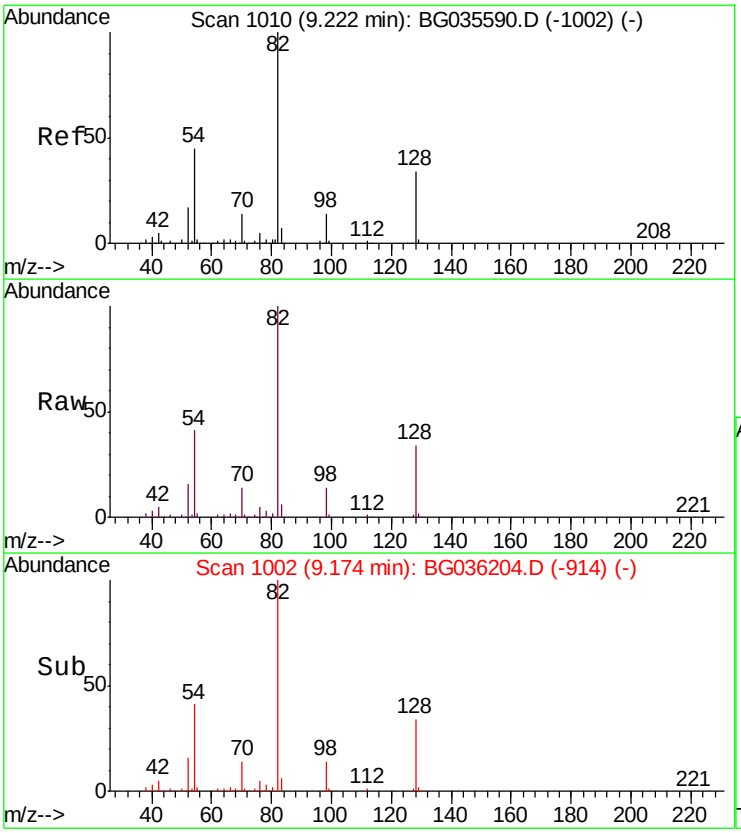
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Instrument :
BNA_G
ClientSampleId :
MW-107S

Tgt Ion:136 Resp: 91075

Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.2	13.8
54	7.1	10.3	15.5#
68	4.9	4.5	6.7

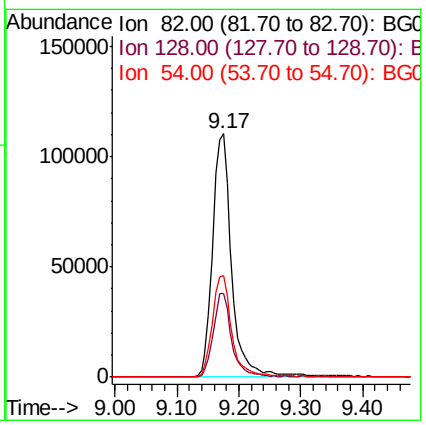


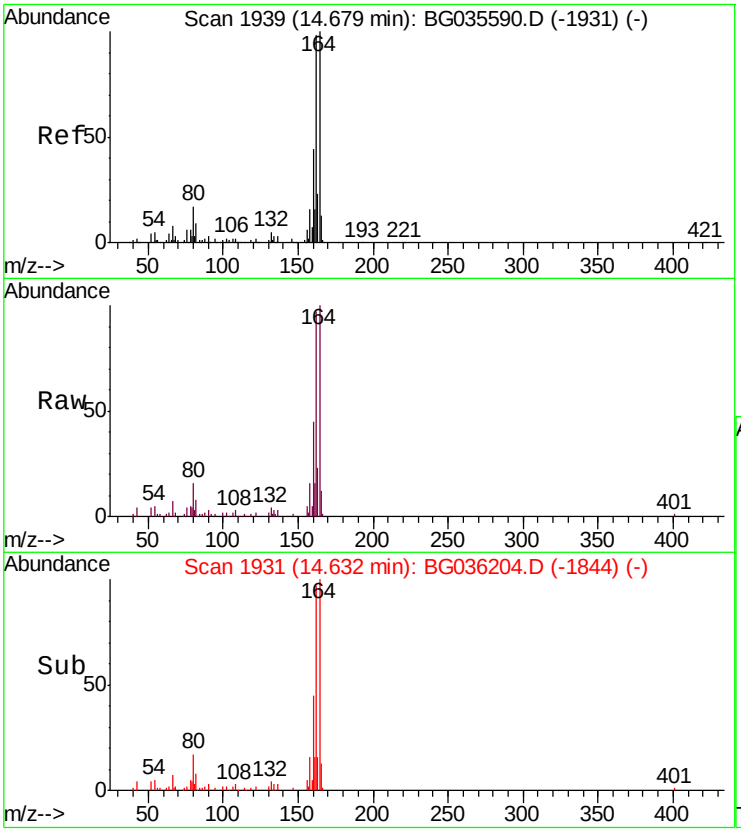


#23
Nitrobenzene-d5
Concen: 108.316 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Tgt Ion: 82 Resp: 236144

Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.7	44.5
54	41.5	43.1	64.7#



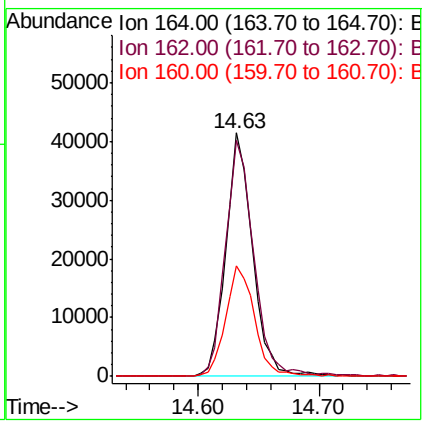


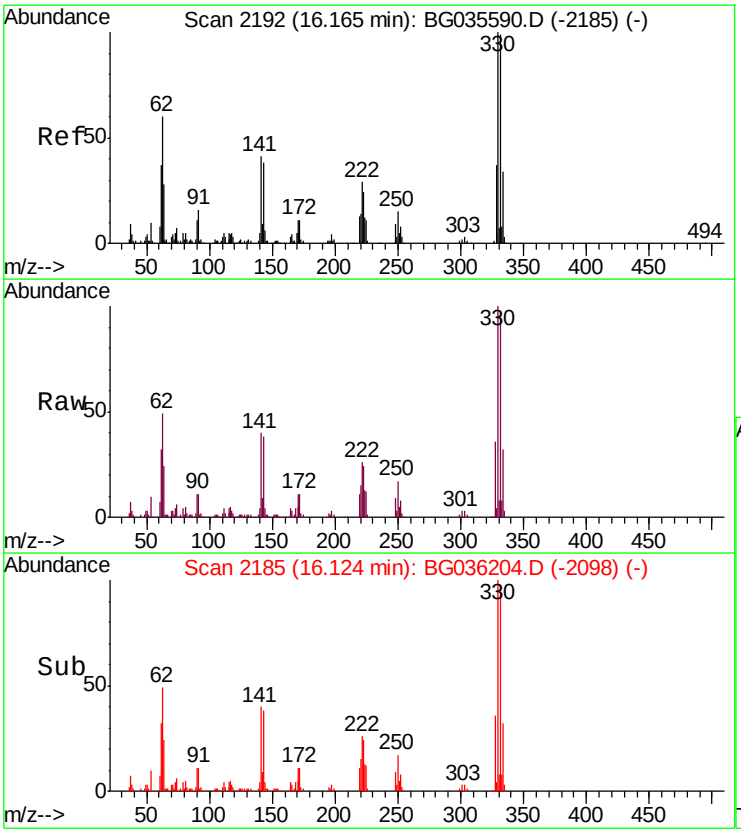
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Instrument :
BNA_G
ClientSampleId :
MW-107S

Tgt Ion:164 Resp: 63823

Ion	Ratio	Lower	Upper
164	100		
162	96.7	78.8	118.2
160	45.2	35.4	53.0

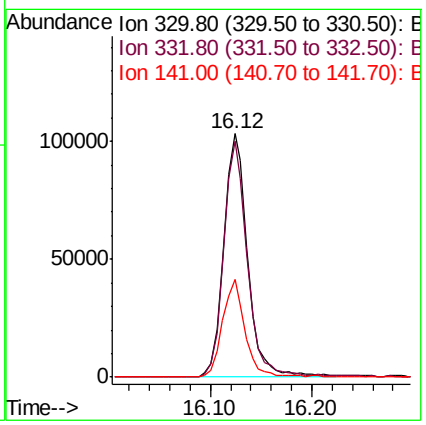


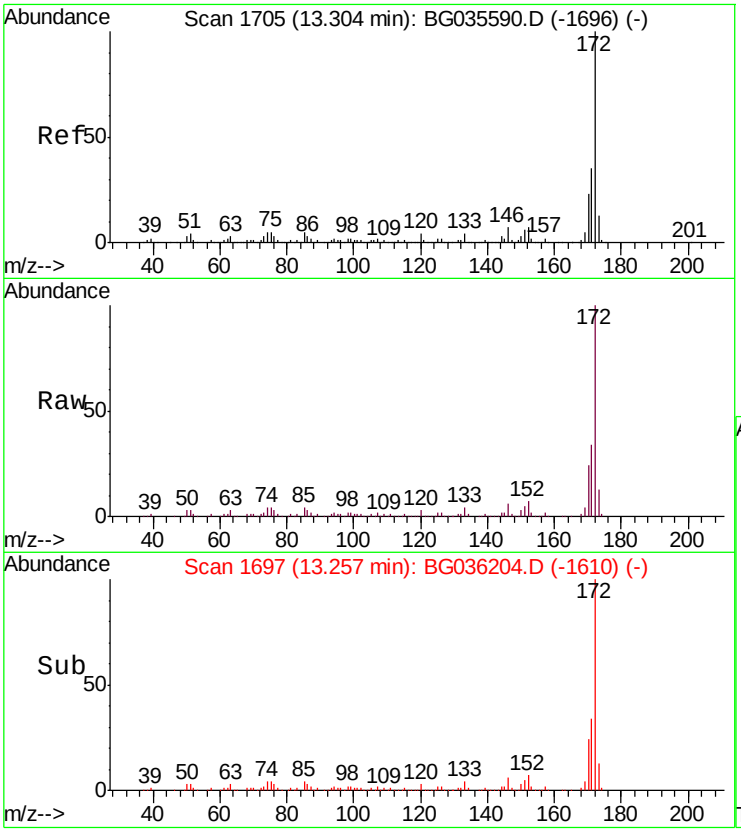


#41
2,4,6-Tribromophenol
Concen: 200.540 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Tgt Ion:330 Resp: 168700

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	37.2	25.2	37.8



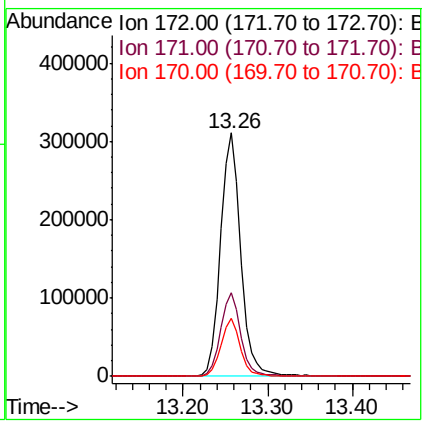


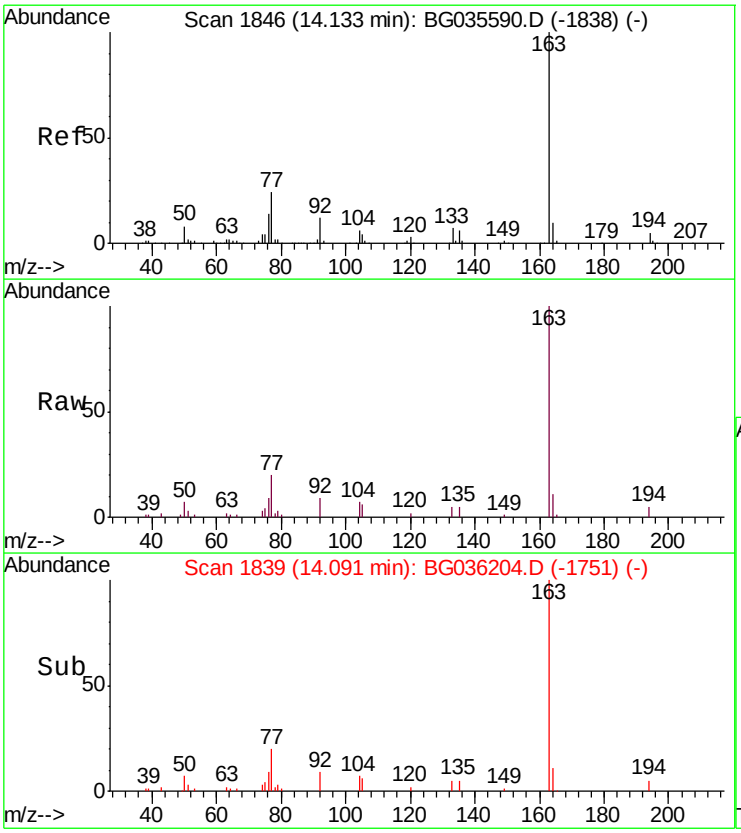
#44
2-Fluorobiphenyl
Concen: 107.894 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Instrument :
BNA_G
ClientSampleId :
MW-107S

Tgt Ion:172 Resp: 513989

Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	23.7	19.5	29.3

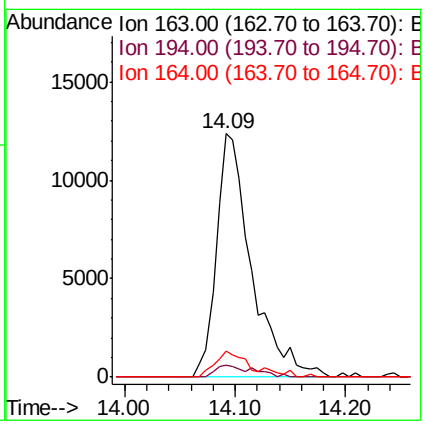


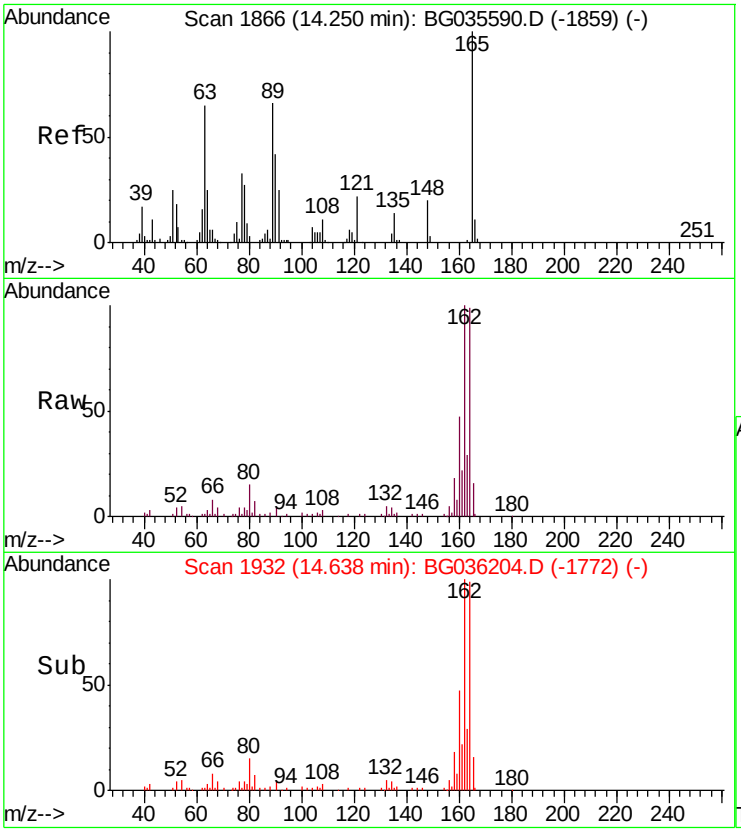


#49
Dimethylphthalate
Concen: 4.880 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Tgt Ion:163 Resp: 27289

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	10.8	8.2	12.4



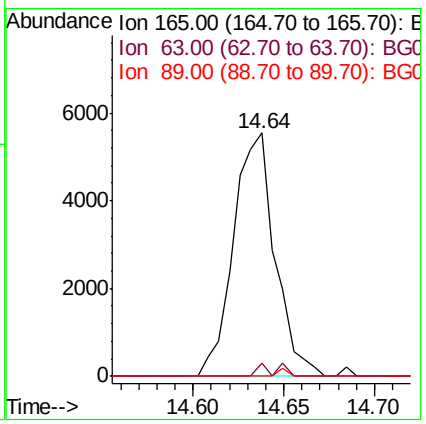


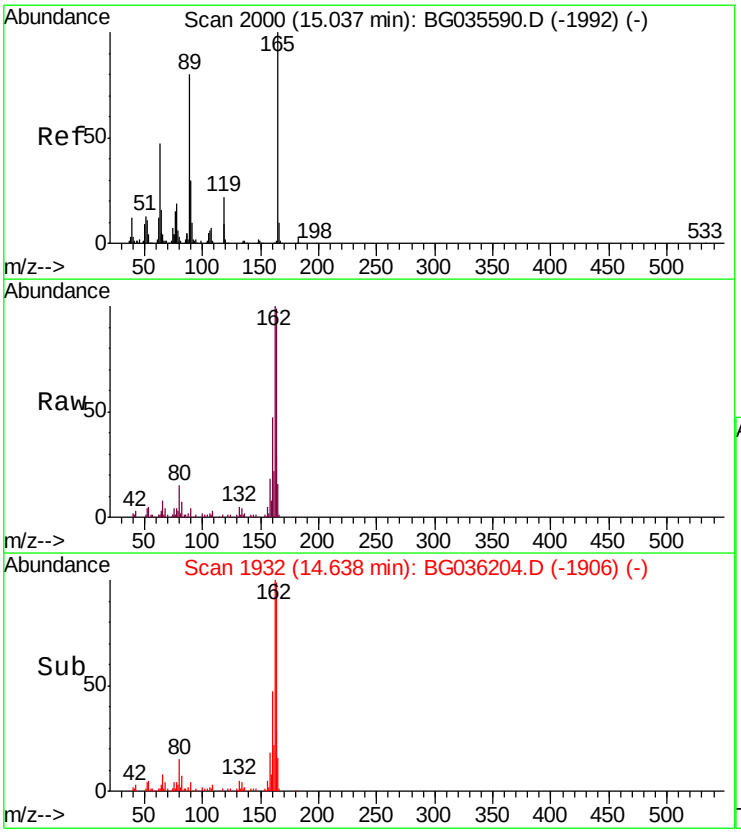
#50
2,6-Dinitrotoluene
Concen: 7.719 ng
RT: 14.64 min Scan# 1932
Delta R.T. 0.41 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Instrument :
BNA_G
ClientSampleId :
MW-107S

Tgt Ion:165 Resp: 8790

Ion	Ratio	Lower	Upper
165	100		
63	5.5	52.7	79.1#
89	0.0	49.2	73.8#

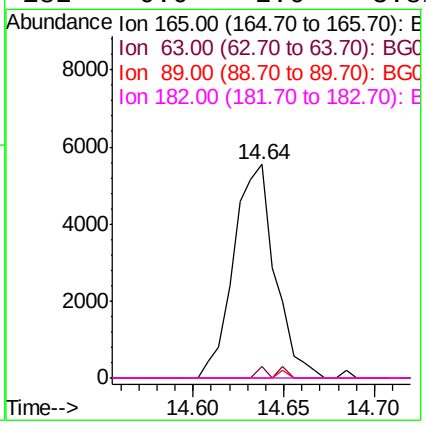


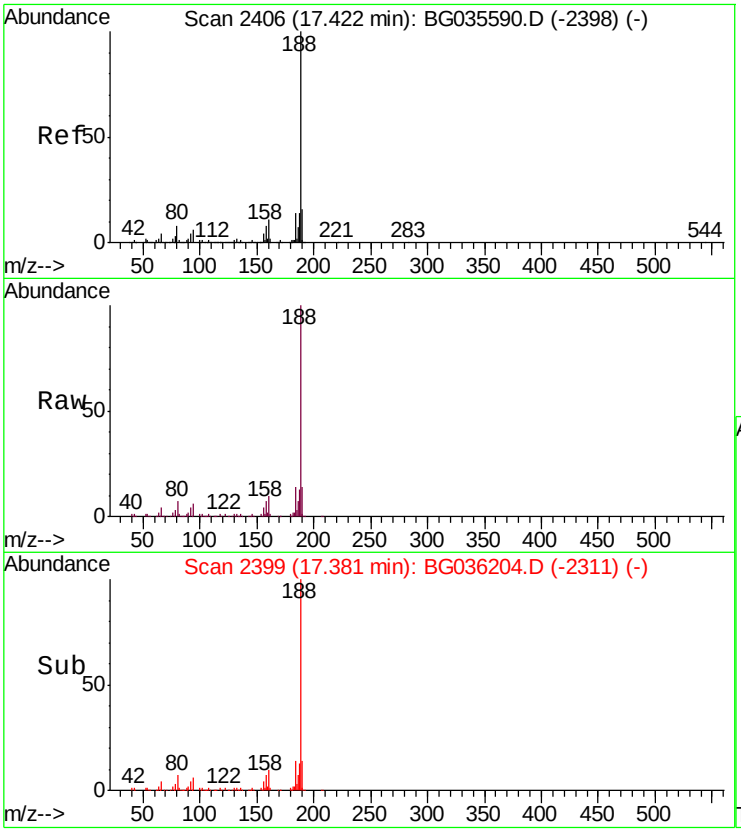


#56
2,4-Dinitrotoluene
Concen: 5.381 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.38 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Tgt Ion:165 Resp: 8790

Ion	Ratio	Lower	Upper
165	100		
63	5.5	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



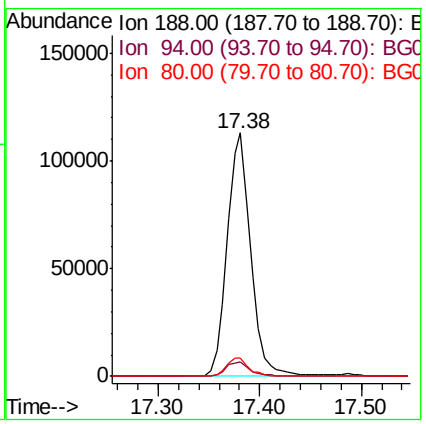


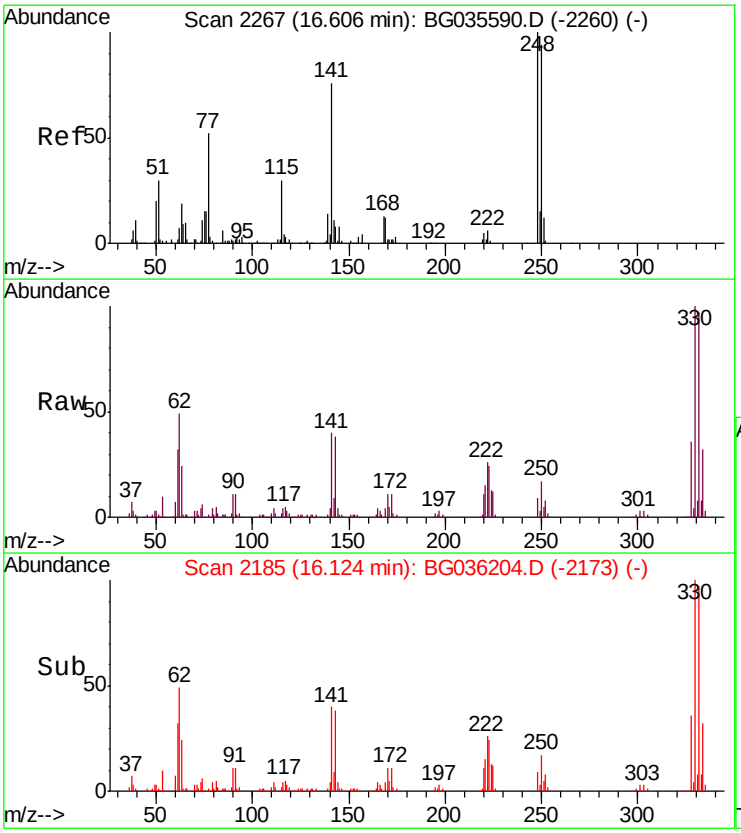
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Instrument :
BNA_G
ClientSampleId :
MW-107S

Tgt Ion:188 Resp: 182123

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.3	7.7	11.5#

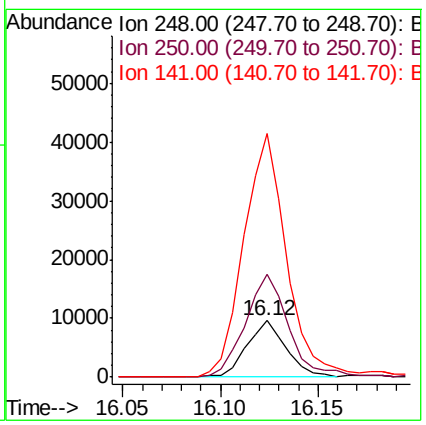


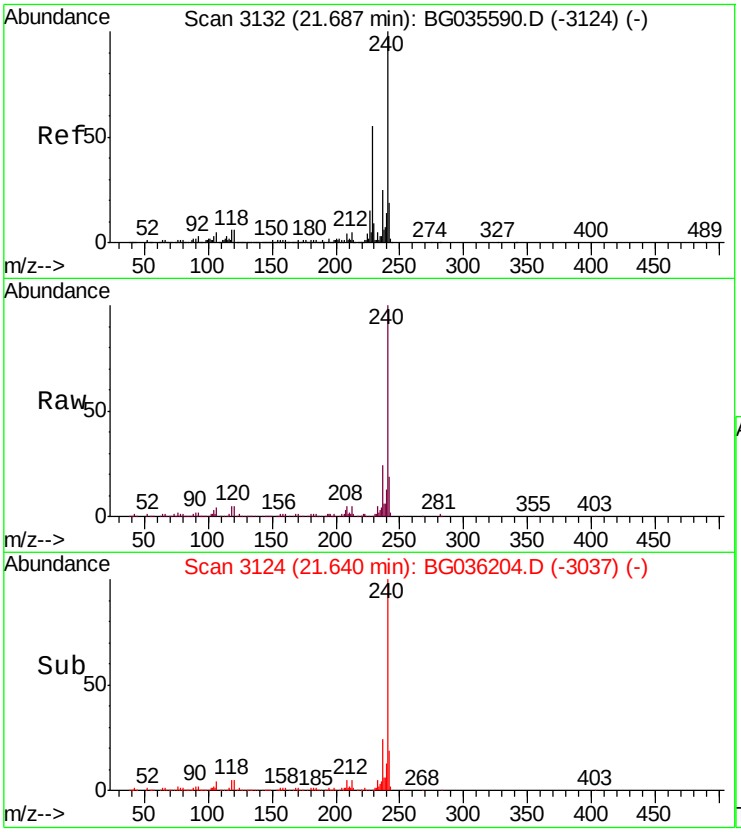


#66
4-Bromophenyl-phenylether
Concen: 6.298 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Tgt Ion:248 Resp: 13308

Ion	Ratio	Lower	Upper
248	100		
250	182.8	77.1	115.7#
141	431.6	50.8	76.2#



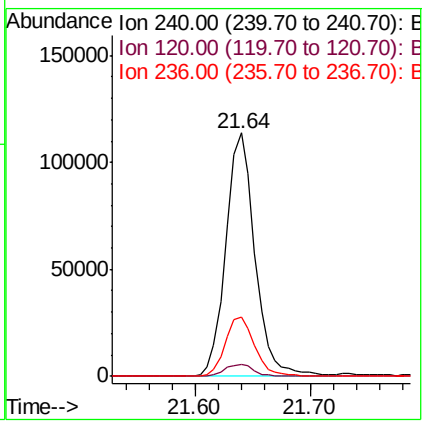


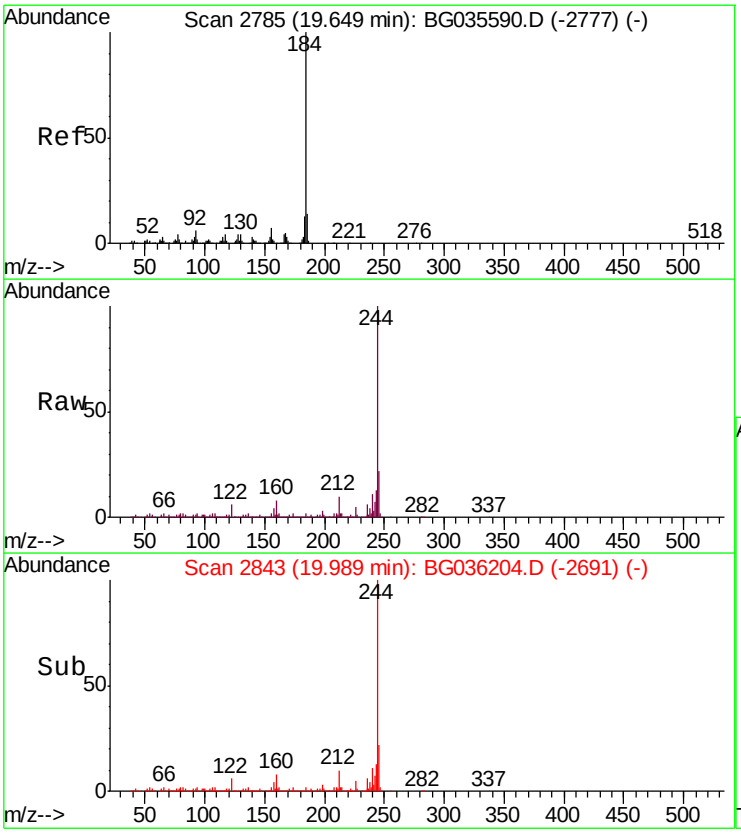
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Instrument :
BNA_G
ClientSampleId :
MW-107S

Tgt Ion:240 Resp: 199603

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	24.2	20.9	31.3

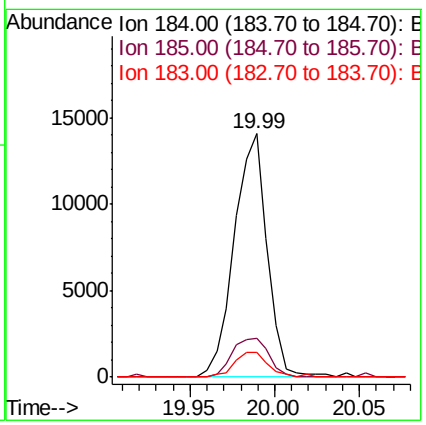


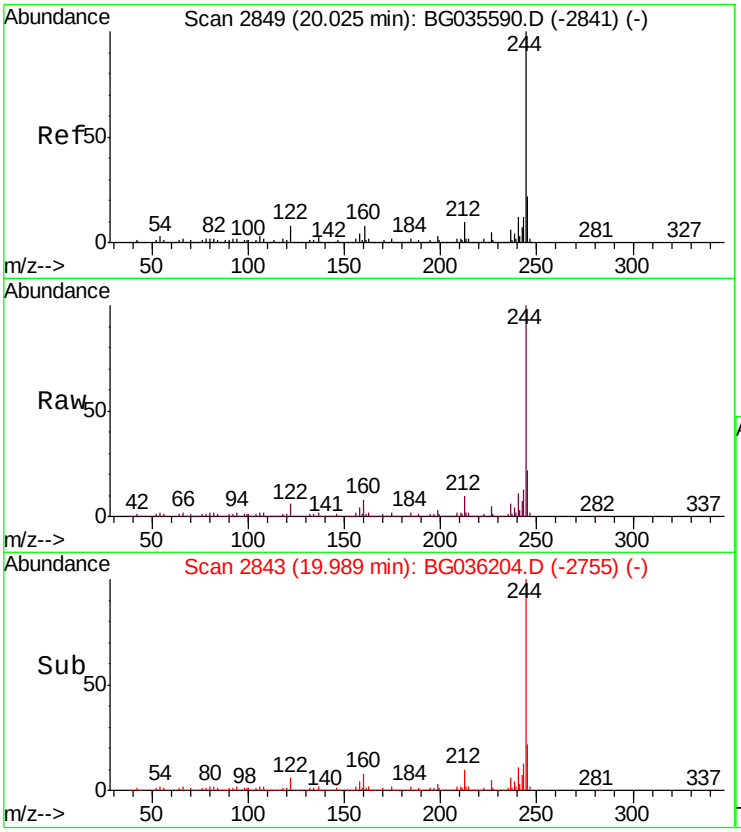


#76
Benzidine
Concen: 3.640 ng
RT: 19.99 min Scan# 2843
Delta R.T. 0.36 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Tgt Ion:184 Resp: 19101

Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.1	16.7
183	10.0	10.6	16.0#



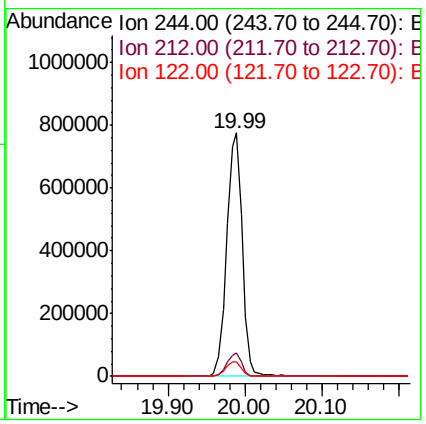


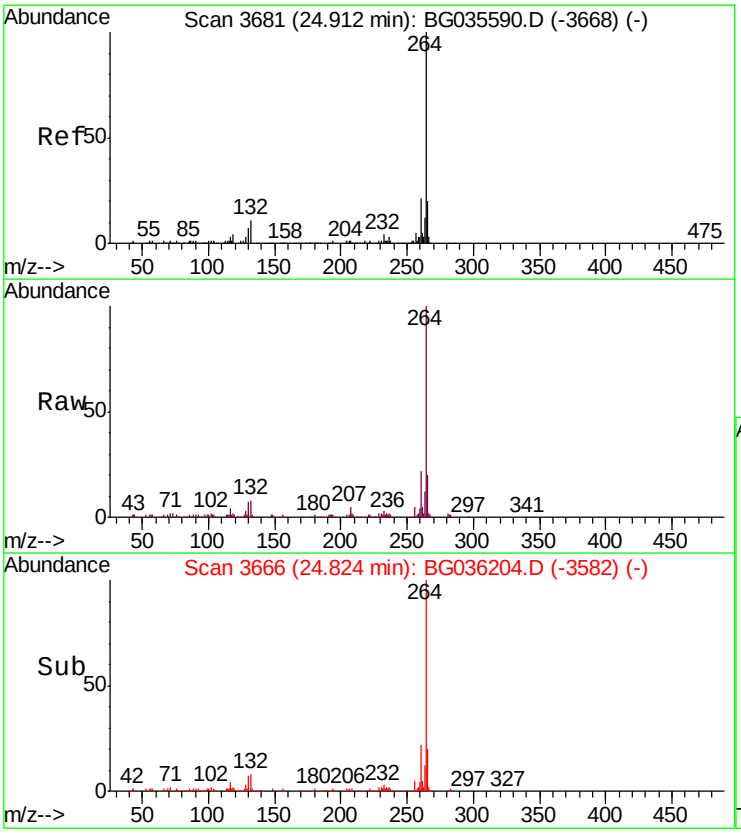
#78
Terphenyl-d14
Concen: 120.666 ng
RT: 19.99 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Instrument :
BNA_G
ClientSampleId :
MW-107S

Tgt Ion:244 Resp: 1092647

Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	6.1	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3666
Delta R.T. -0.04 min
Lab File: BG036204.D
Acq: 8 Aug 2018 19:13

Tgt Ion:264 Resp: 191622

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	19.7	17.7	26.5