Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092218\
Data File : BG036902.D
Acq On : 22 Sep 2018 21:24
Operator : JU/SJ
Sample : J5019-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 24 04:44:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 20:07:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	43772	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	188175	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	127927	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	340017	20.00	ng	0.00
75) Chrysene-d12	21.68	240	349740	20.00	ng	-0.01
86) Perylene-d12	24.89	264	348794	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	115467	50.59	ng	0.00
7) Phenol-d6	7.21	99	96932	27.45	ng	0.00
23) Nitrobenzene-d5	9.21	82	368032	104.73	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	178547	116.65	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	915090	106.54	ng	0.00
78) Terphenyl-d14	20.02	244	1544969	116.16	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.36	79	5809	2.027	ng	# 59
19) n-Nitroso-di-n-propylamine	9.20	70	48261	16.428	ng	# 71
50) 2,6-Dinitrotoluene	14.67	165	16796	7.476	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	16796	5.358	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	12646	3.270	ng	# 1
76) Benzidine	20.02	184	27058	2.559	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092218\
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Acq On : 22 Sep 2018 21:24
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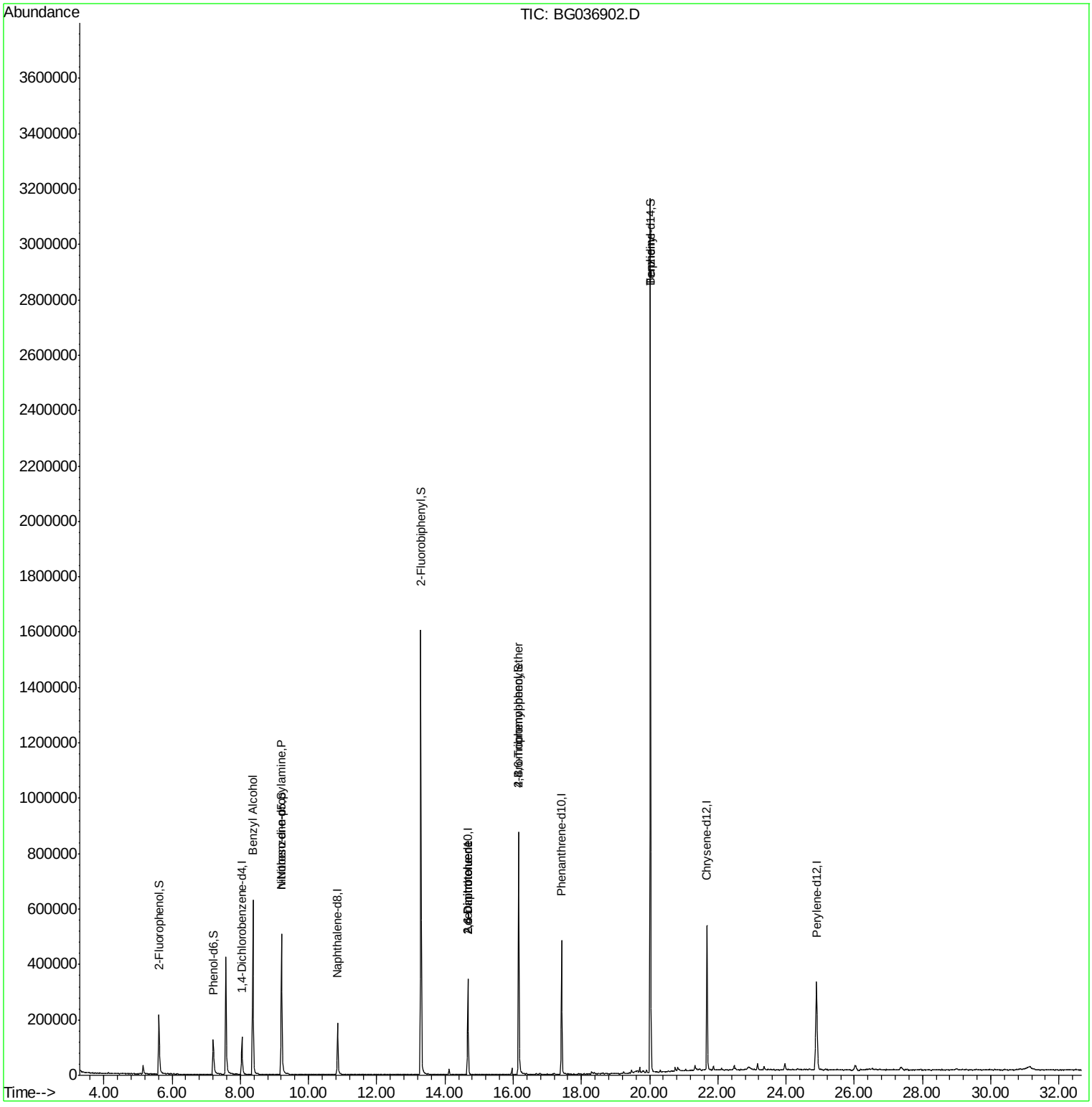
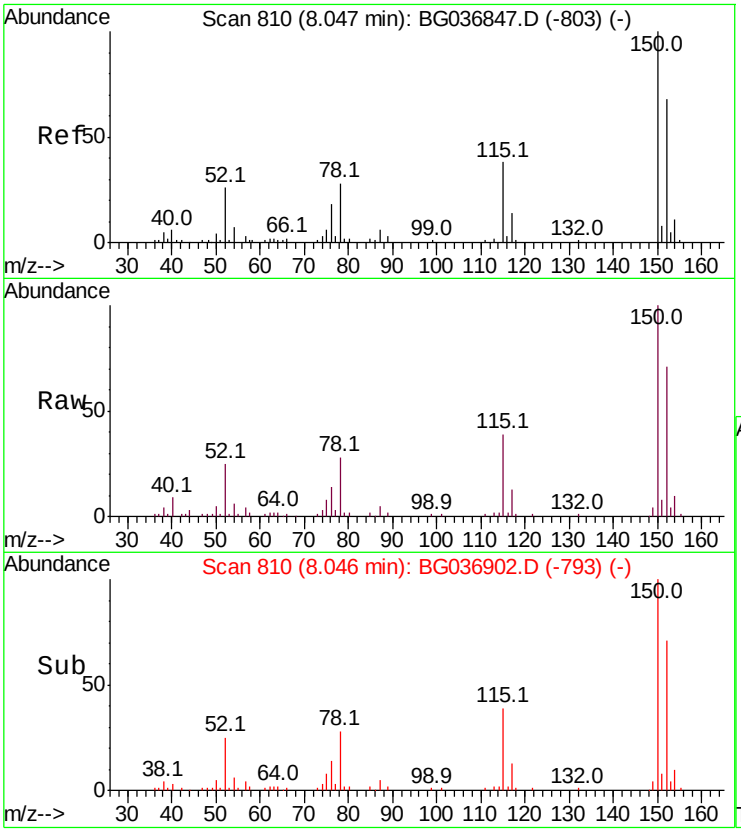
ClientSampleId :

Quant Time: Sep 24 04:44:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 20:07:11 2018
Response via : Initial Calibration



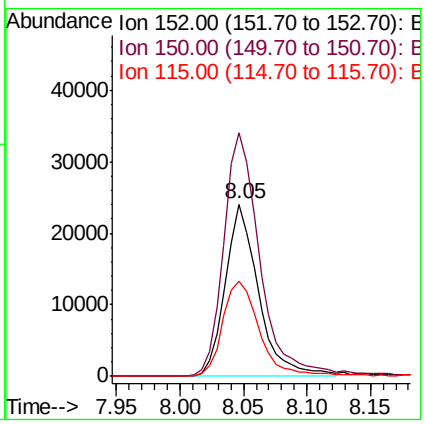


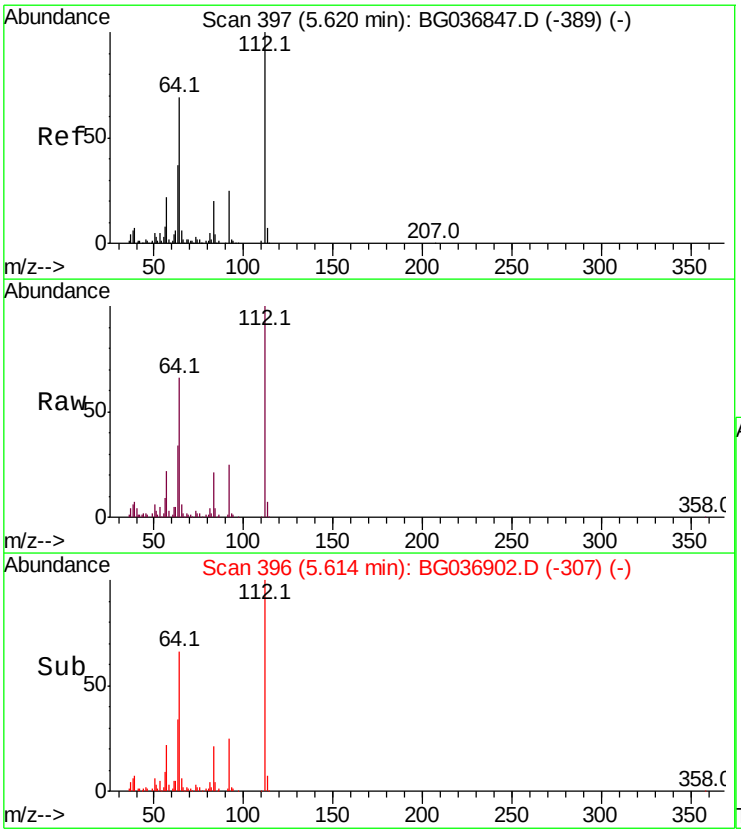
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 43772

Ion	Ratio	Lower	Upper
152	100		
150	141.5	119.5	179.3
115	55.0	44.5	66.7

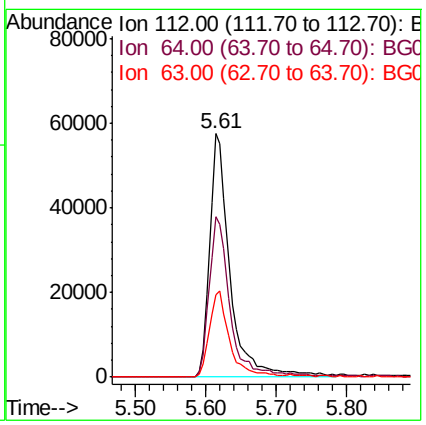


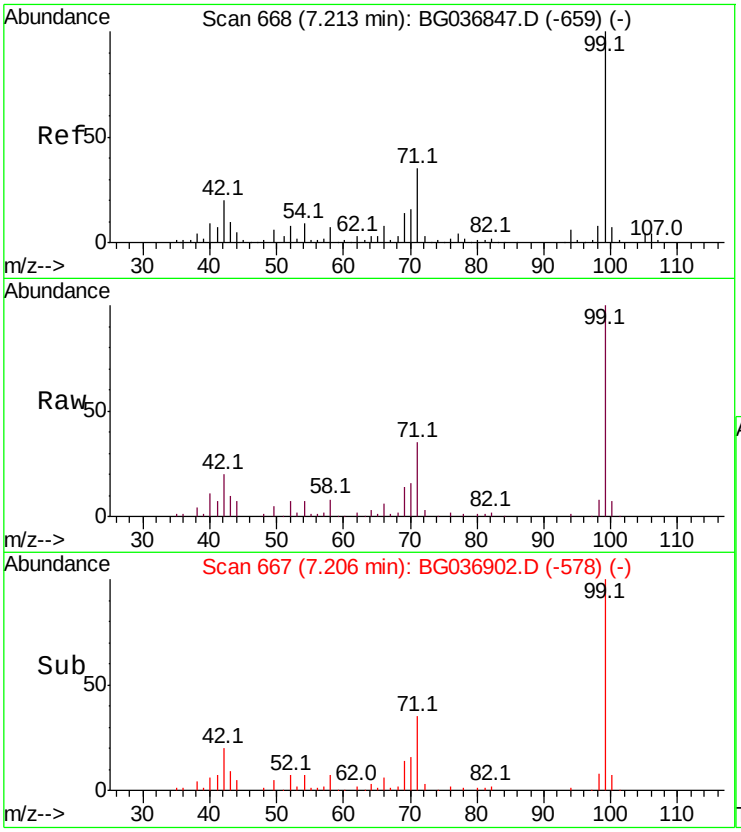


#5
2-Fluorophenol
Concen: 50.590 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Tgt Ion:112 Resp: 115467

Ion	Ratio	Lower	Upper
112	100		
64	66.0	57.2	85.8
63	34.0	30.8	46.2



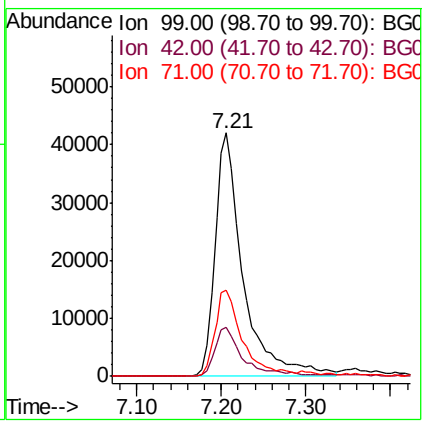


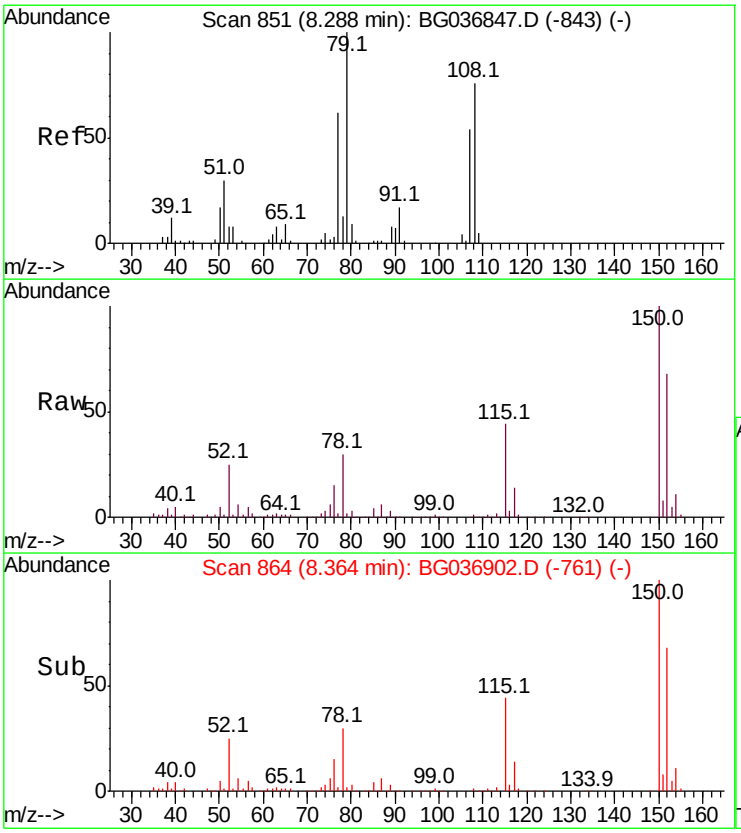
#7
Phenol-d6
Concen: 27.449 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 96932

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.5	24.7
71	35.4	29.4	44.2

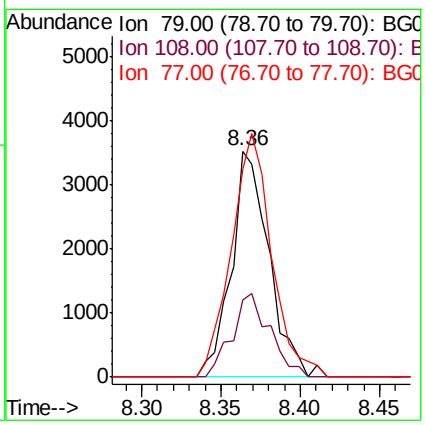


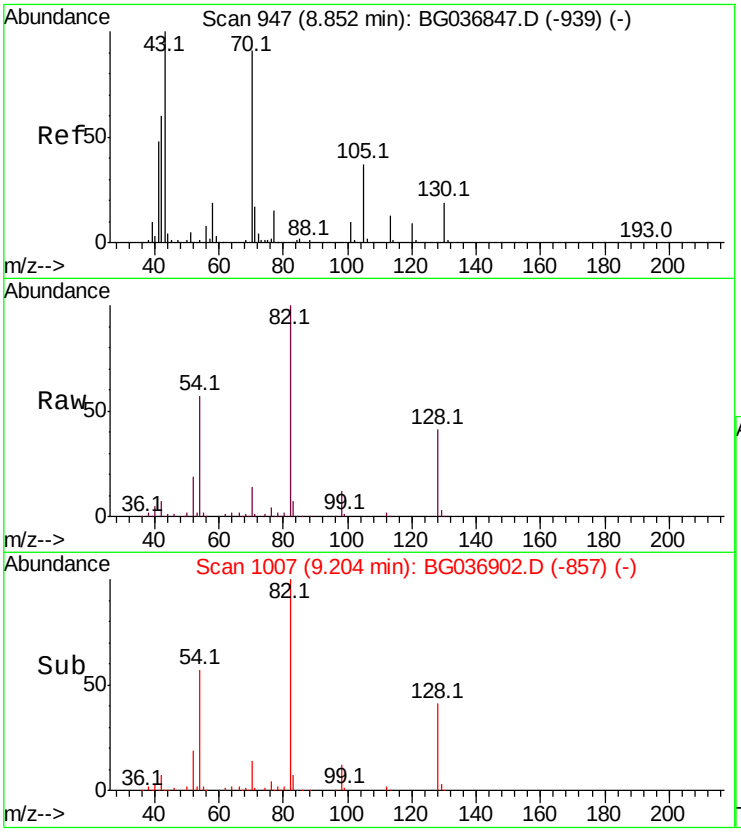


#15
Benzyl Alcohol
Concen: 2.027 ng
RT: 8.36 min Scan# 864
Delta R.T. 0.08 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Tgt Ion: 79 Resp: 5809

Ion	Ratio	Lower	Upper
79	100		
108	34.1	55.9	83.9#
77	92.1	50.0	75.0#



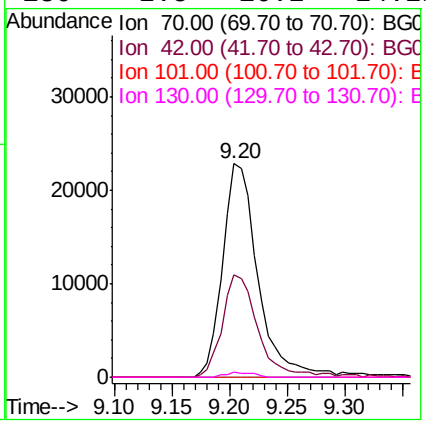


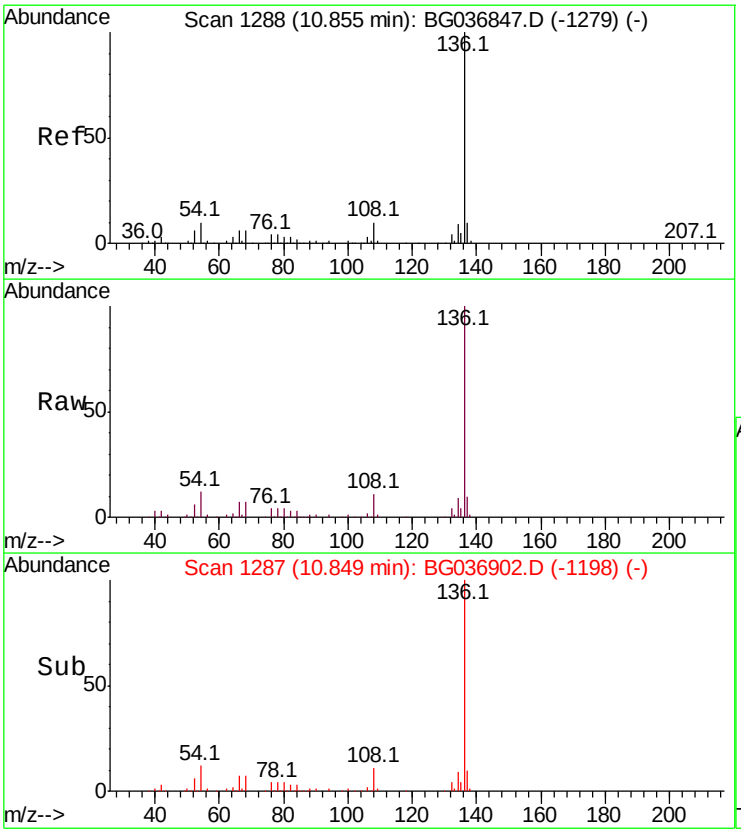
#19
n-Nitroso-di-n-propylamine
Concen: 16.428 ng
RT: 9.20 min Scan# 1007
Delta R.T. 0.35 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 48261

Ion	Ratio	Lower	Upper
70	100		
42	47.9	56.2	84.4#
101	0.0	7.8	11.6#
130	2.5	16.2	24.2#

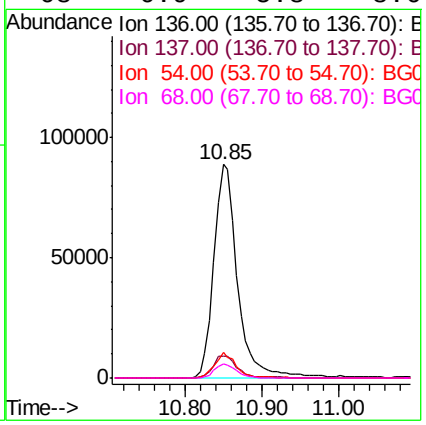


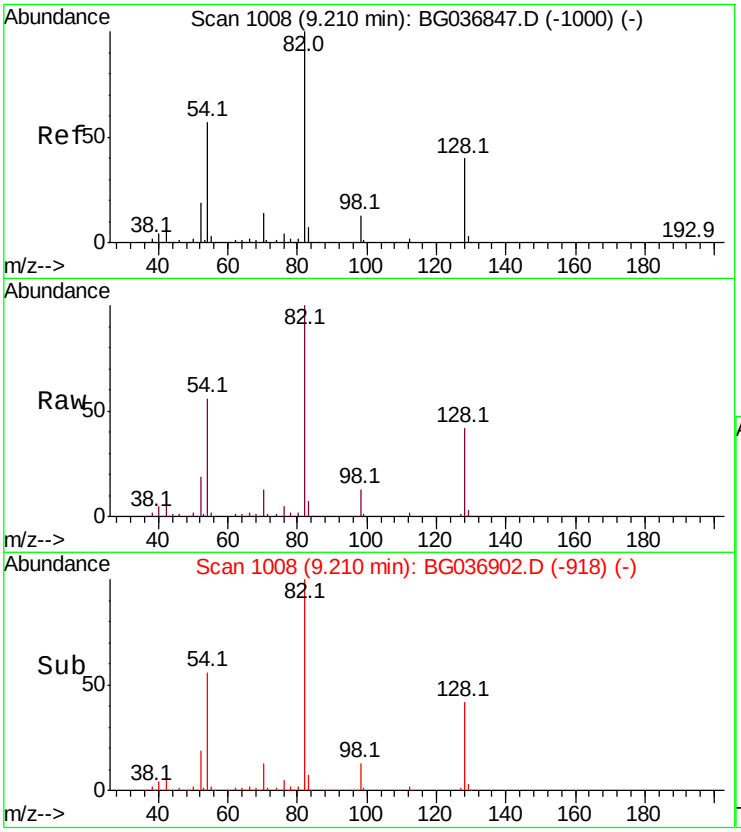


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Tgt Ion:136 Resp: 188175

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	12.0	9.2	13.8
68	6.9	5.8	8.6



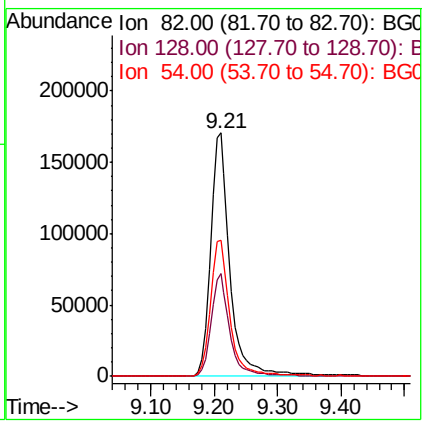


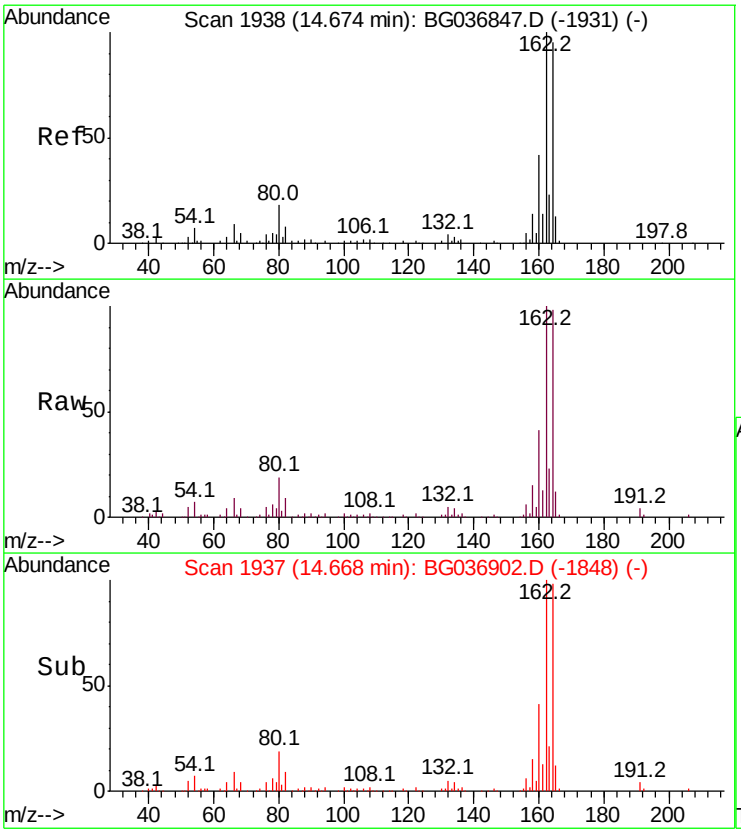
#23
Nitrobenzene-d5
Concen: 104.735 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 368032

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.3	49.9
54	56.0	45.1	67.7

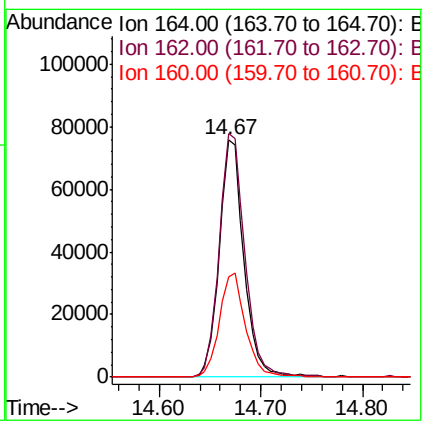


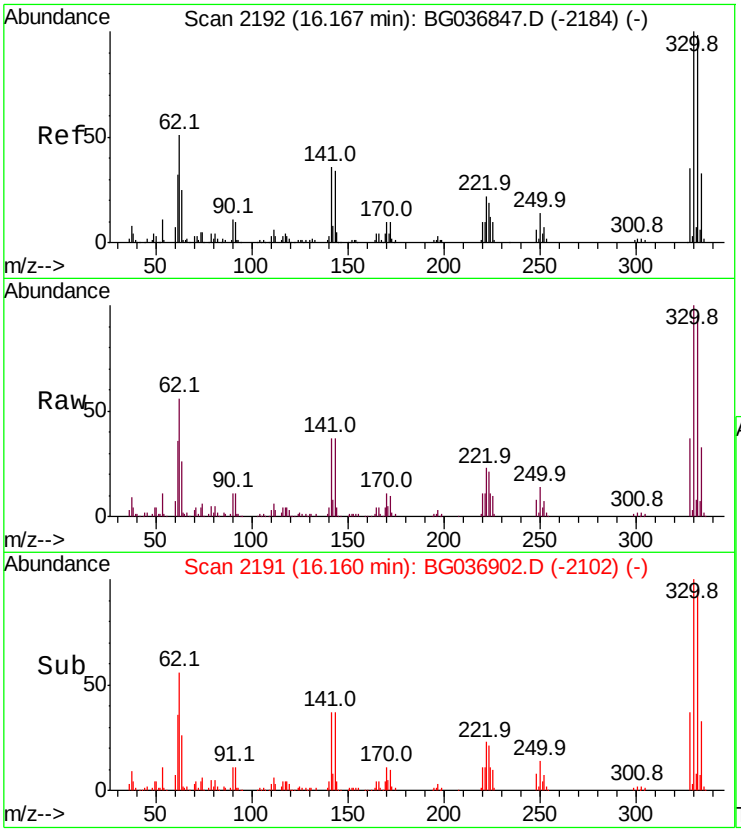


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Tgt Ion:164 Resp: 127927

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.7	121.1
160	42.2	35.3	52.9



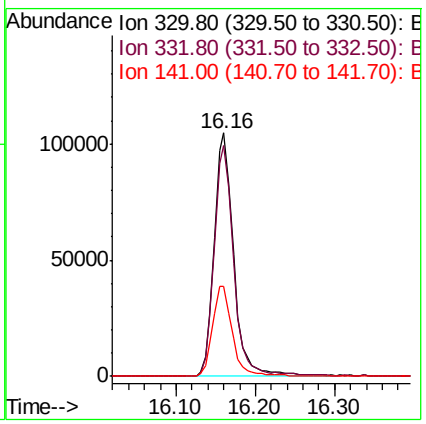


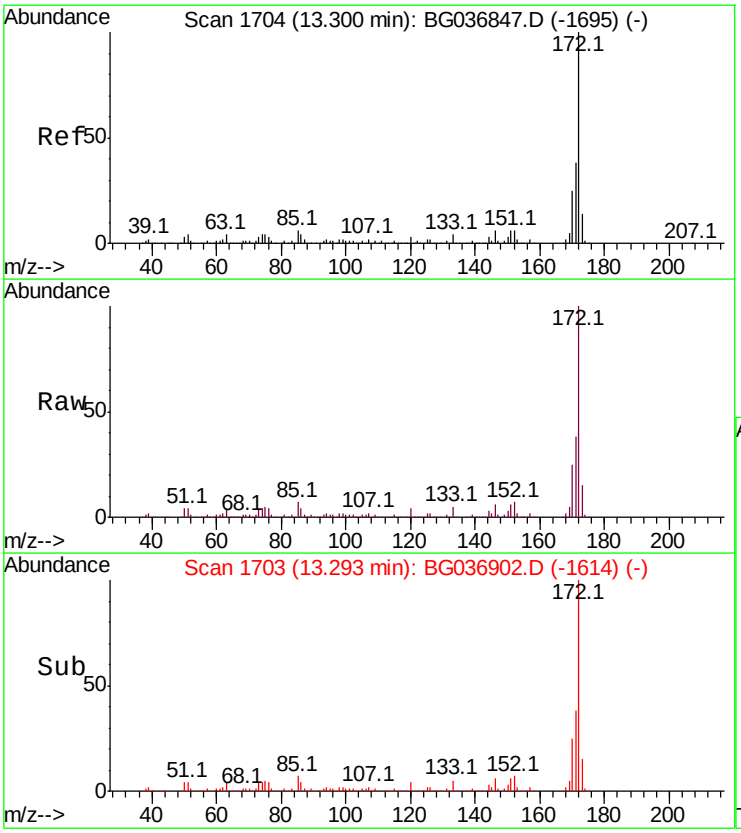
#41
2,4,6-Tribromophenol
Concen: 116.654 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 178547

Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.4	113.2
141	37.5	30.7	46.1

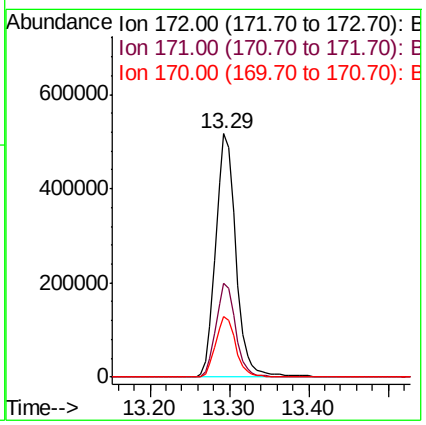


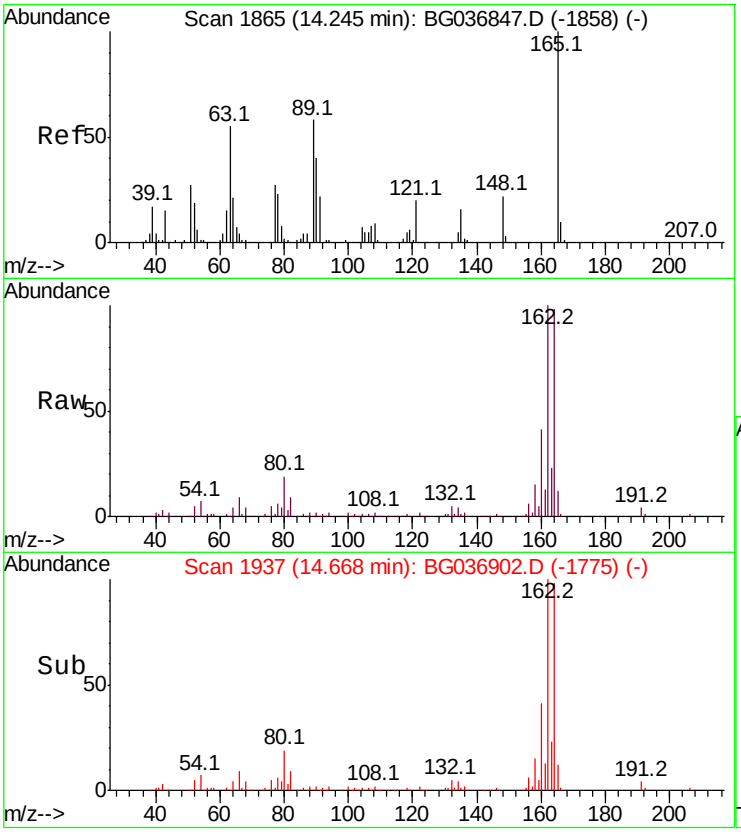


#44
2-Fluorobiphenyl
Concen: 106.539 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Tgt Ion:172 Resp: 915090

Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	24.9	21.0	31.6



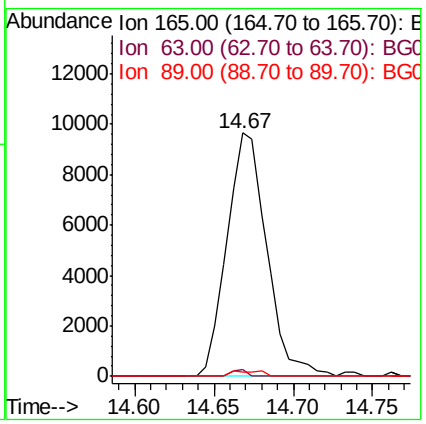


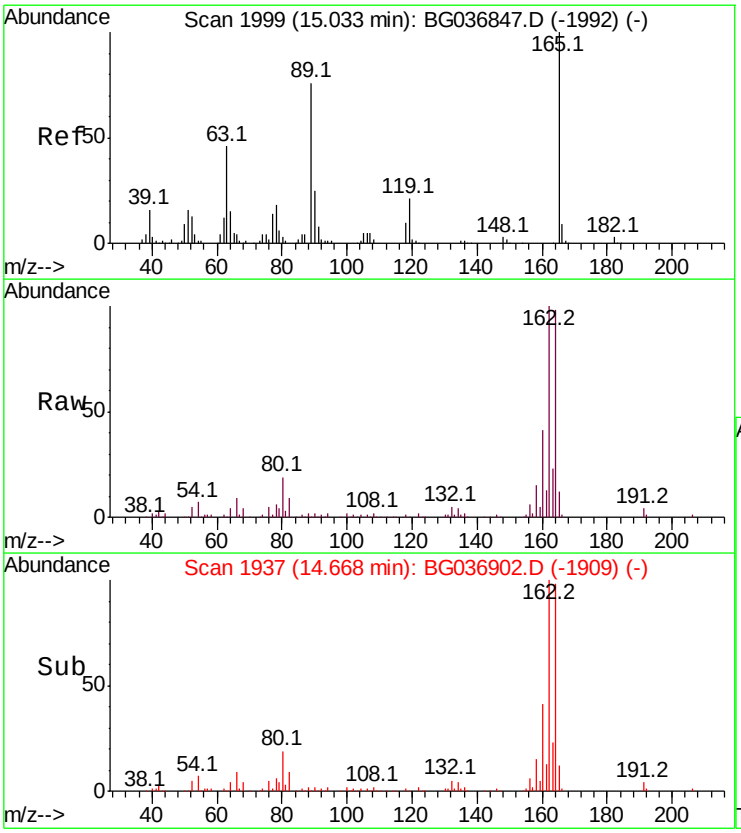
#50
2,6-Dinitrotoluene
Concen: 7.476 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.42 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16796

Ion	Ratio	Lower	Upper
165	100		
63	2.9	50.1	75.1#
89	1.8	47.8	71.6#

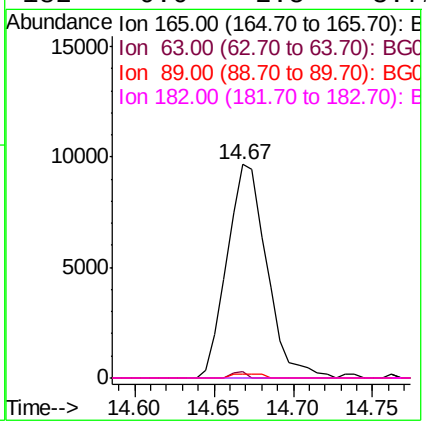


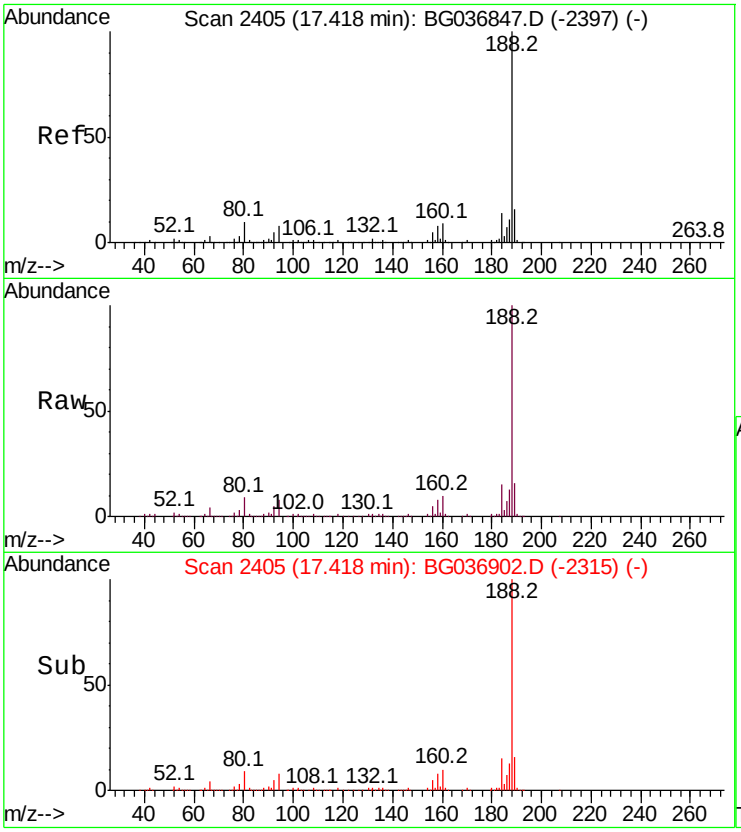


#56
2,4-Dinitrotoluene
Concen: 5.358 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.36 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Tgt Ion:165 Resp: 16796

Ion	Ratio	Lower	Upper
165	100		
63	2.9	40.1	60.1#
89	1.8	63.7	95.5#
182	0.0	2.5	3.7#



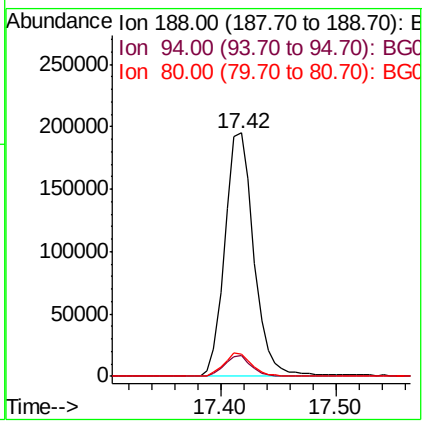


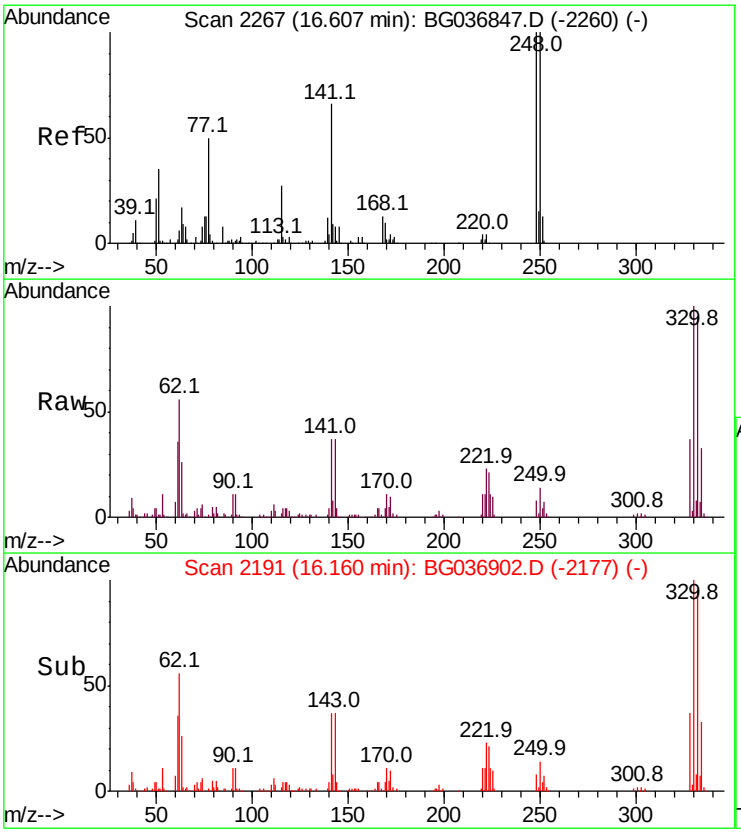
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 340017

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	8.9	8.1	12.1

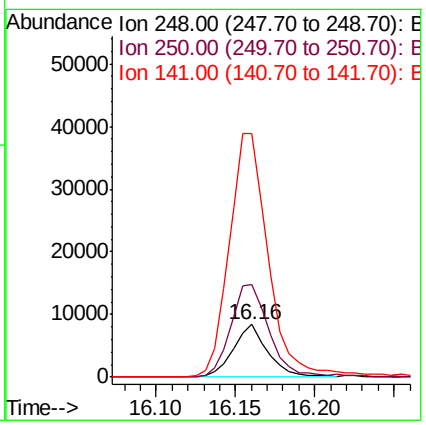


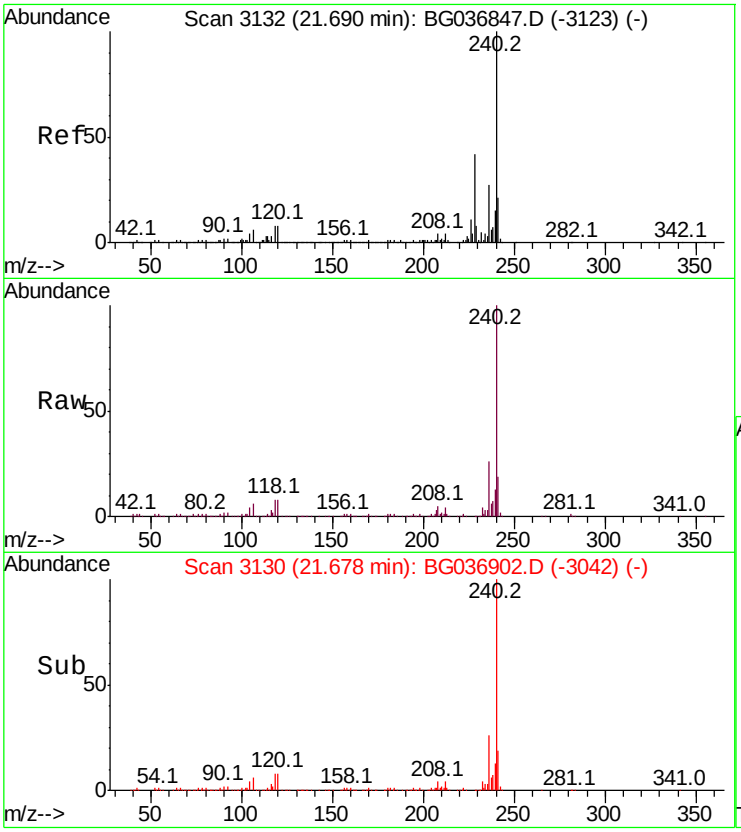


#66
4-Bromophenyl-phenylether
Concen: 3.270 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.45 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Tgt Ion:248 Resp: 12646

Ion	Ratio	Lower	Upper
248	100		
250	176.6	78.1	117.1#
141	465.1	53.7	80.5#



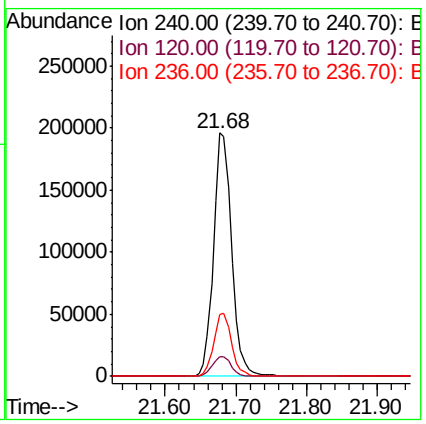


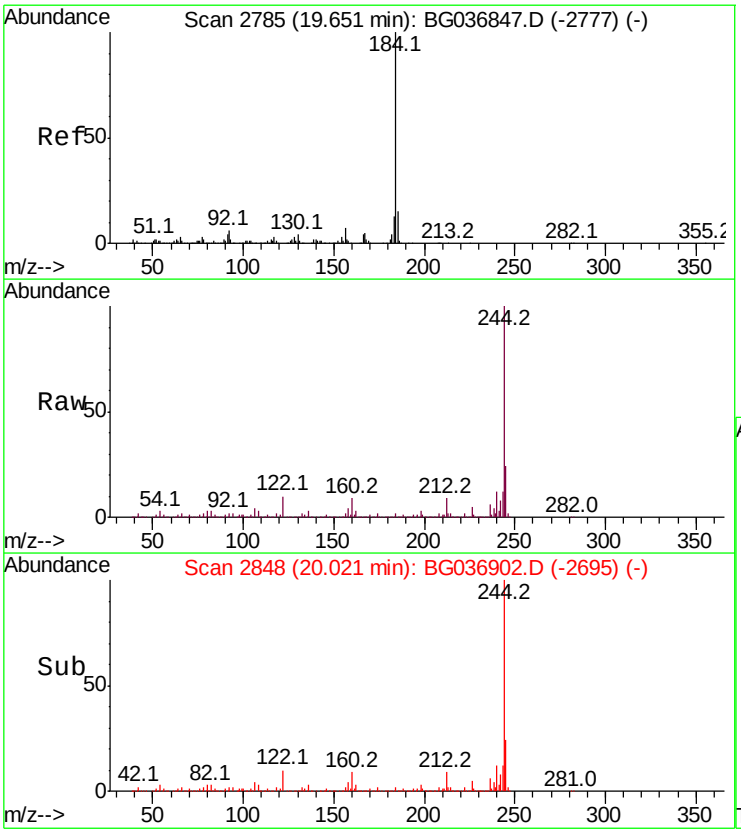
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 349740

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	25.6	21.2	31.8

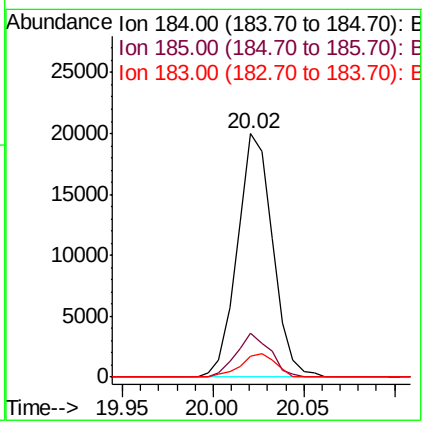


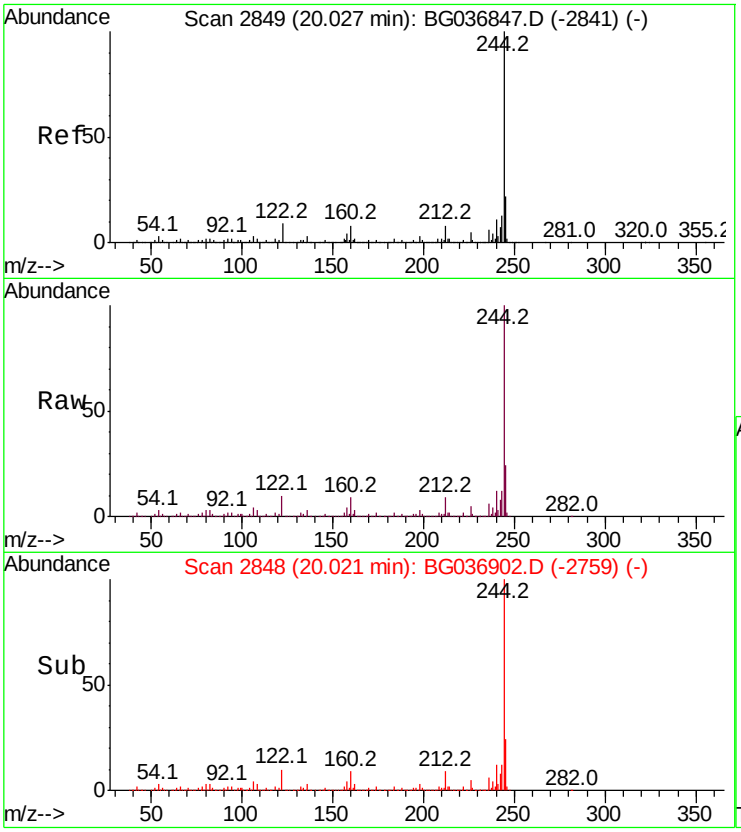


#76
Benzidine
Concen: 2.559 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Tgt Ion:184 Resp: 27058

Ion	Ratio	Lower	Upper
184	100		
185	17.9	12.6	18.8
183	8.5	10.9	16.3#



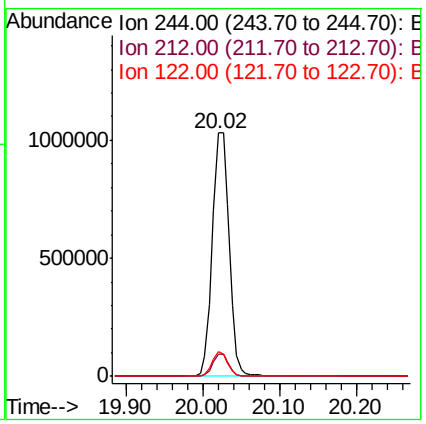


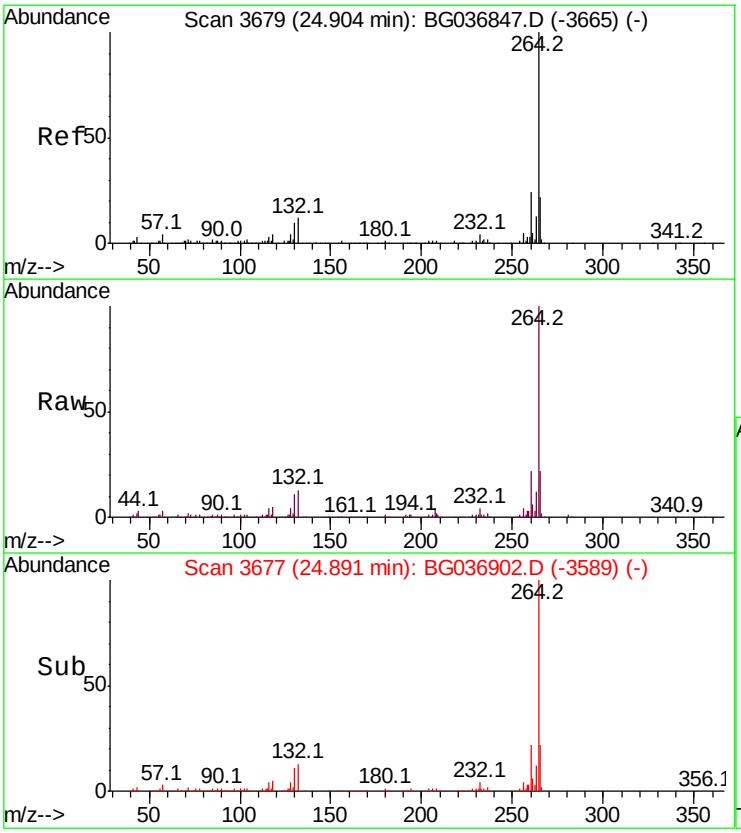
#78
Terphenyl-d14
Concen: 116.157 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1544969

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.6
122	10.2	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036902.D
Acq: 22 Sep 2018 21:24

Tgt Ion:264 Resp: 348794

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.6	29.4
265	22.3	17.4	26.0