Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092218\
Data File : BG036905.D
Acq On : 22 Sep 2018 23:22
Operator : JU/SJ
Sample : J5019-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 24 04:44:50 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	37283	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	158525	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	111284	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	294794	20.00	ng	0.00
75) Chrysene-d12	21.68	240	307669	20.00	ng	0.00
86) Perylene-d12	24.88	264	304515	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	97390	50.10	ng	0.00
7) Phenol-d6	7.21	99	87469	29.08	ng	0.00
23) Nitrobenzene-d5	9.21	82	315656	106.63	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	146467	110.01	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	761859	101.96	ng	0.00
78) Terphenyl-d14	20.02	244	1310783	112.03	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.37	79	5063	2.075	ng	# 45
19) n-Nitroso-di-n-propylamine	9.21	70	41165	16.452	ng	# 70
49) Dimethylphthalate	14.12	163	22687	2.533	ng	# 94
50) 2,6-Dinitrotoluene	14.67	165	13974	7.150	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	13974	5.124	ng	# 21
59) Diethylphthalate	15.48	149	119773	13.257	ng	98
66) 4-Bromophenyl-phenylether	16.16	248	10809	3.224	ng	# 1
76) Benzidine	20.02	184	23394	2.515	ng	# 93

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

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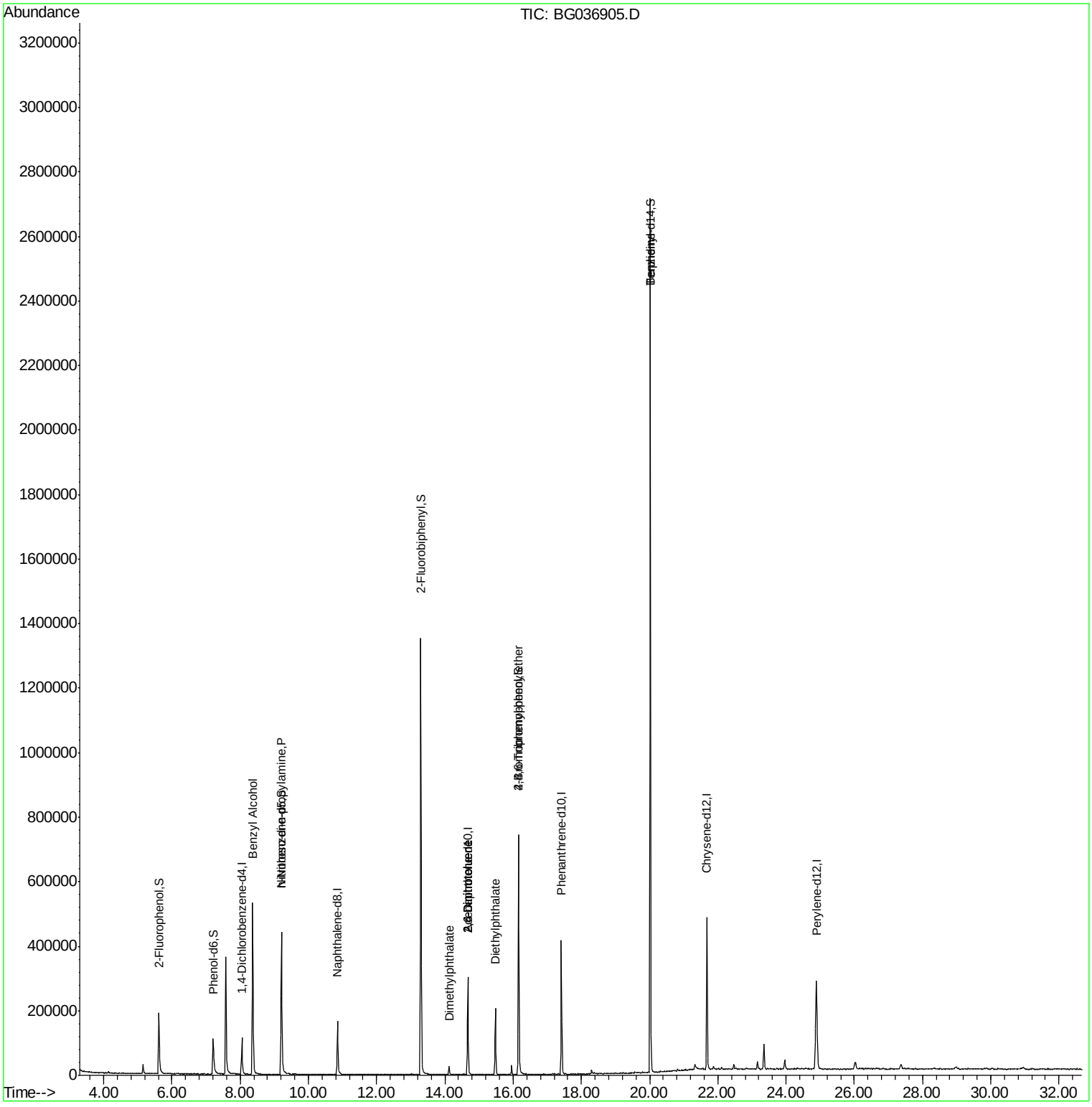
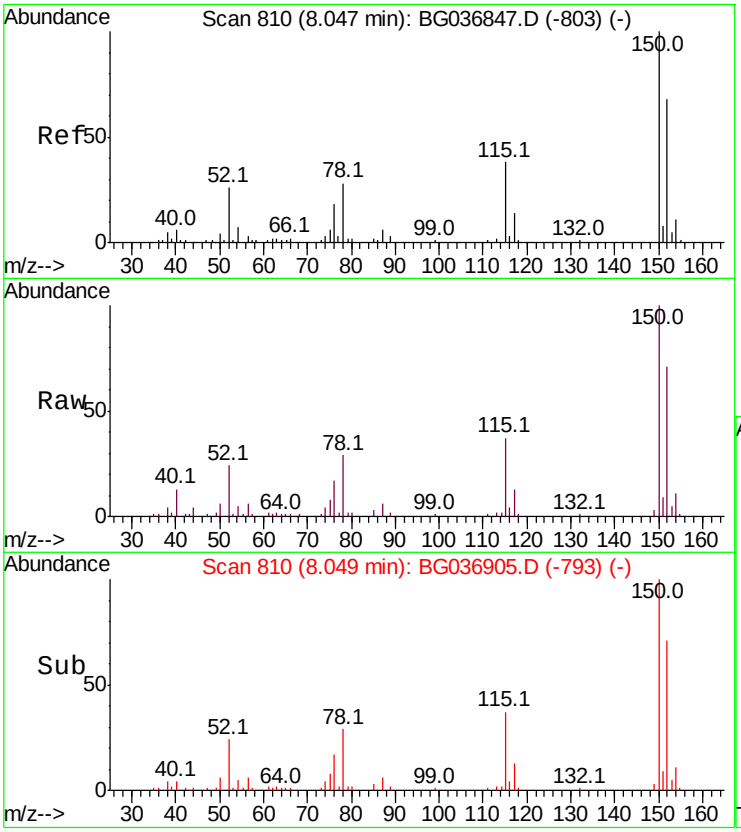


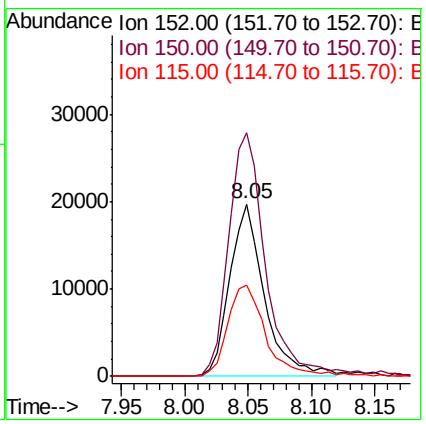


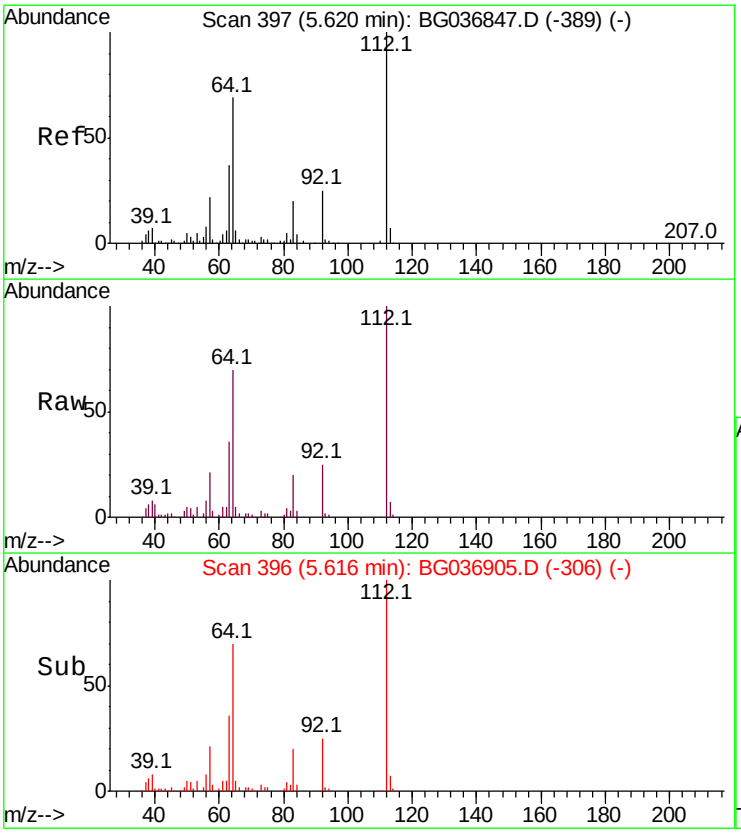
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 37283

Ion	Ratio	Lower	Upper
152	100		
150	141.6	119.5	179.3
115	52.8	44.5	66.7

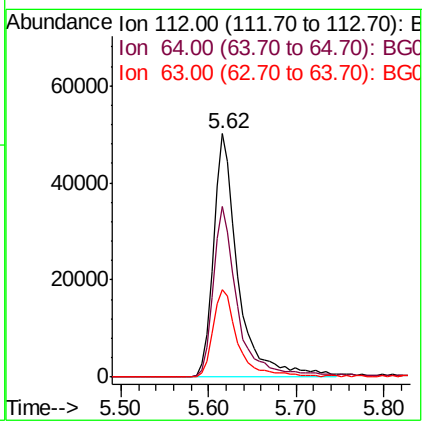


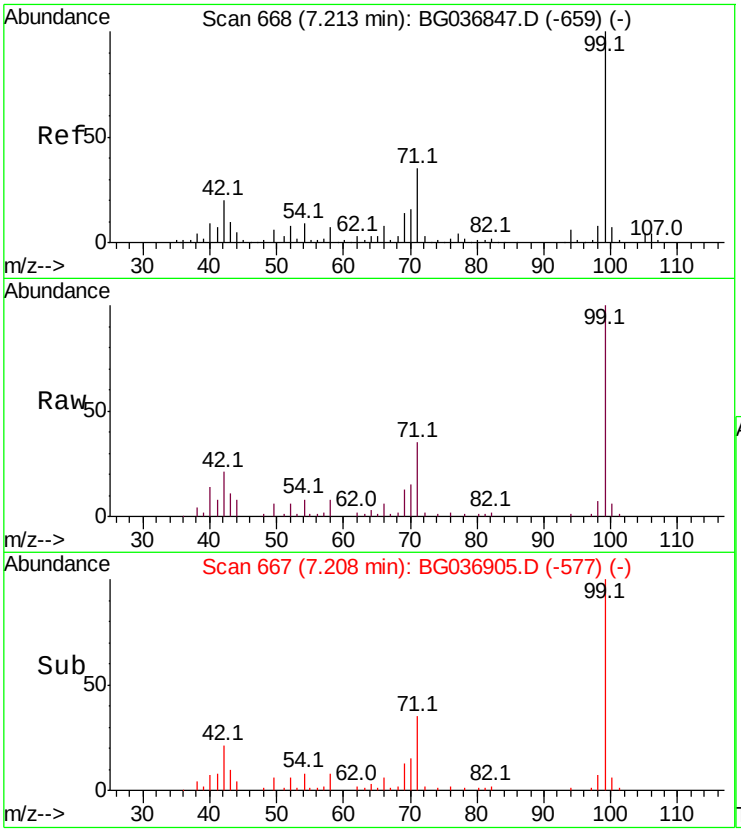


#5
2-Fluorophenol
Concen: 50.096 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Tgt Ion:112 Resp: 97390

Ion	Ratio	Lower	Upper
112	100		
64	70.0	57.2	85.8
63	36.0	30.8	46.2



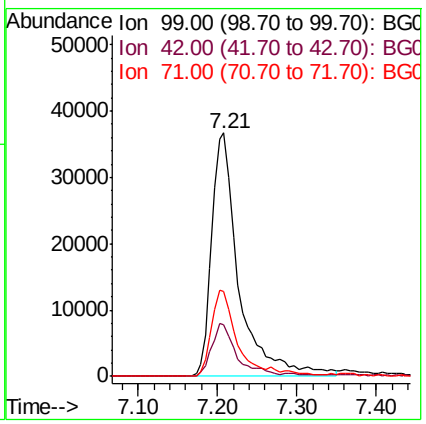


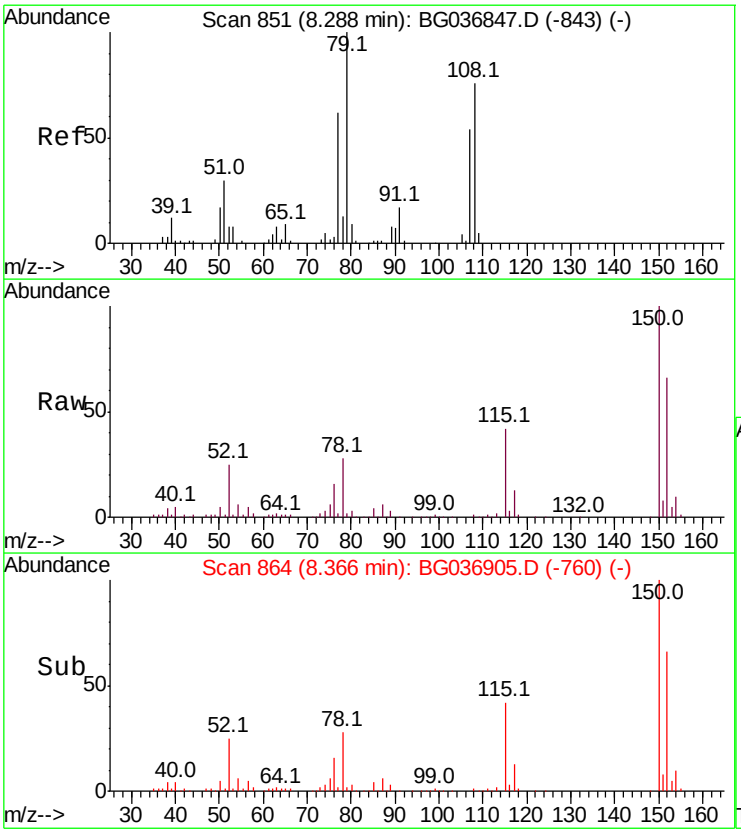
#7
Phenol-d6
Concen: 29.081 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.00 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 87469

Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.5	24.7
71	34.7	29.4	44.2

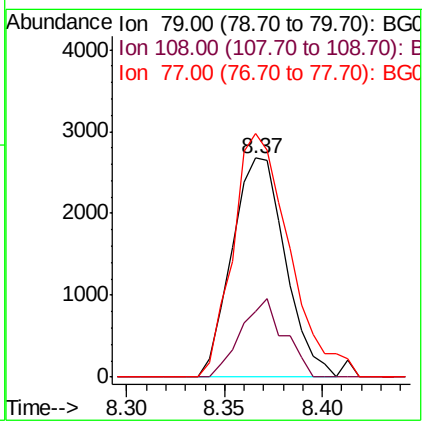


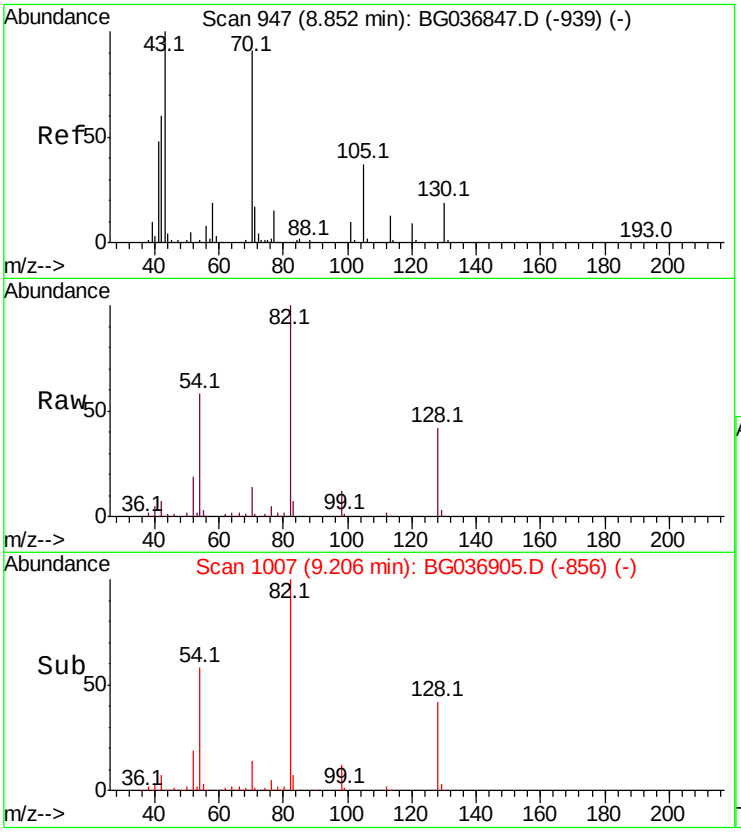


#15
Benzyl Alcohol
Concen: 2.075 ng
RT: 8.37 min Scan# 864
Delta R.T. 0.08 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Tgt Ion: 79 Resp: 5063

Ion	Ratio	Lower	Upper
79	100		
108	30.1	55.9	83.9#
77	111.2	50.0	75.0#



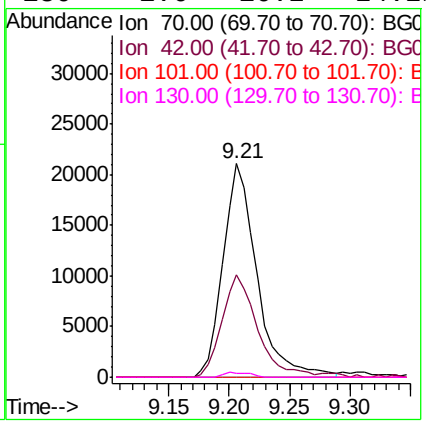


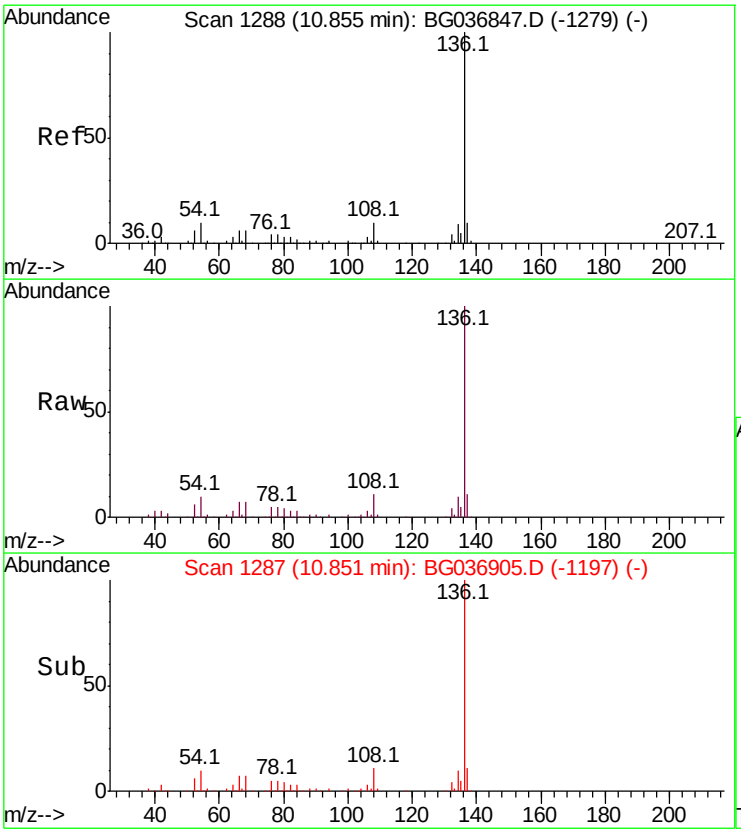
#19
n-Nitroso-di-n-propylamine
Concen: 16.452 ng
RT: 9.21 min Scan# 1007
Delta R.T. 0.35 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 41165

Ion	Ratio	Lower	Upper
70	100		
42	48.0	56.2	84.4#
101	0.0	7.8	11.6#
130	1.6	16.2	24.2#

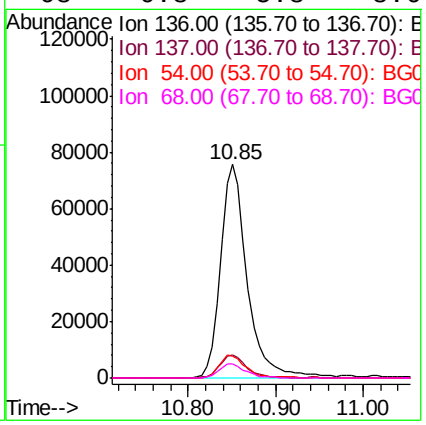


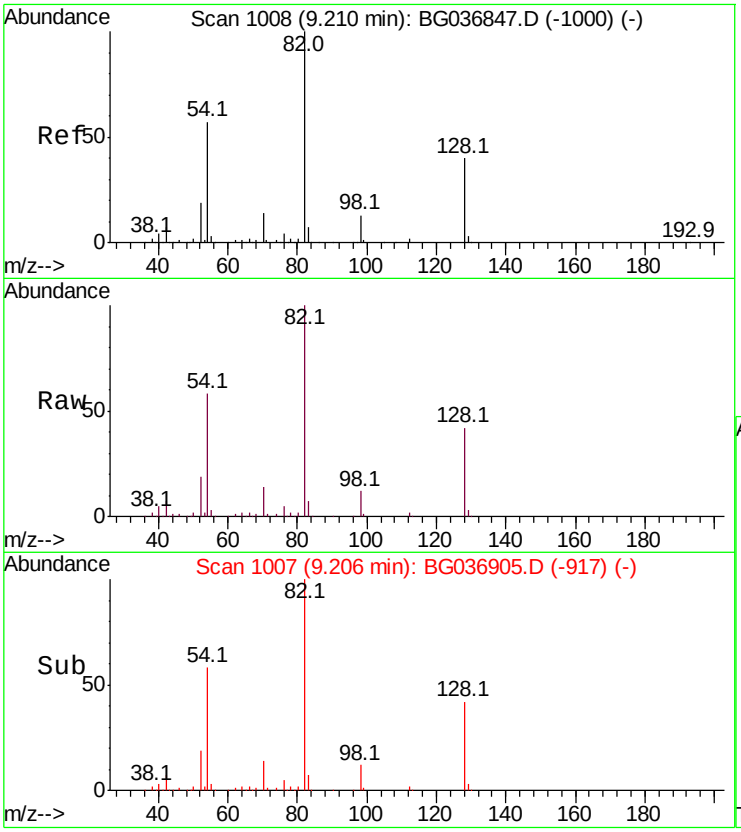


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Tgt Ion:136 Resp: 158525

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.2	9.2	13.8
68	6.8	5.8	8.6



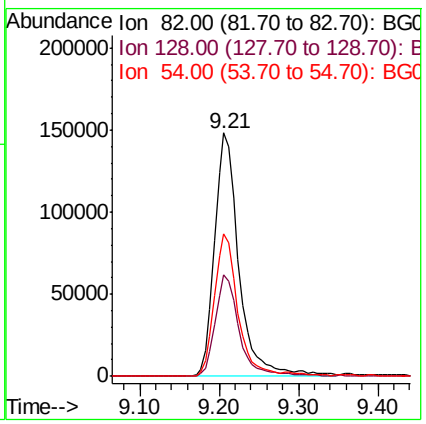


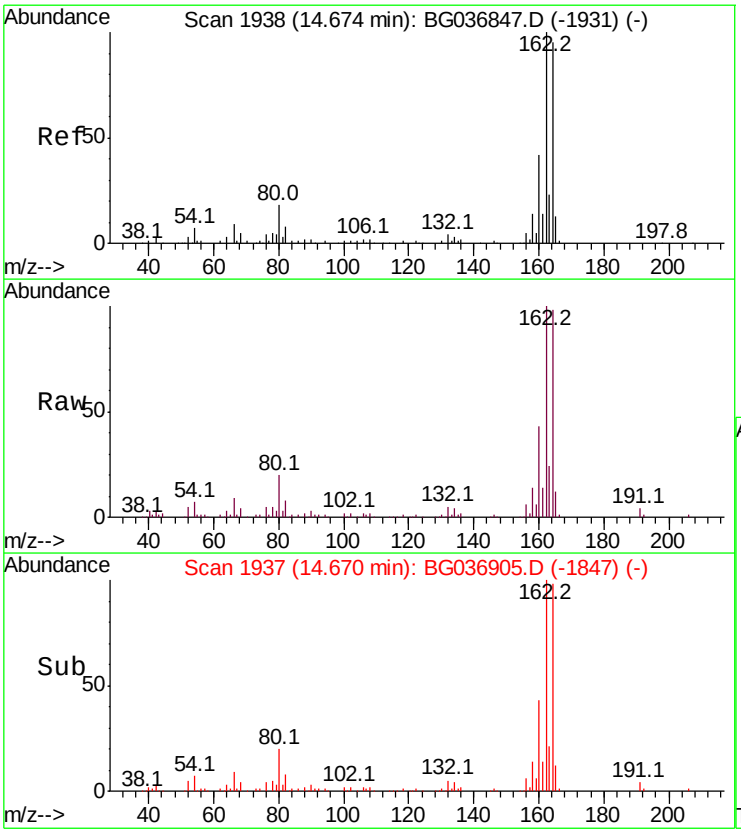
#23
Nitrobenzene-d5
Concen: 106.631 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 315656

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.3	49.9
54	58.4	45.1	67.7

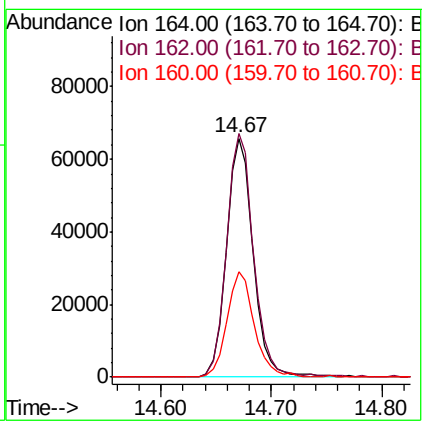


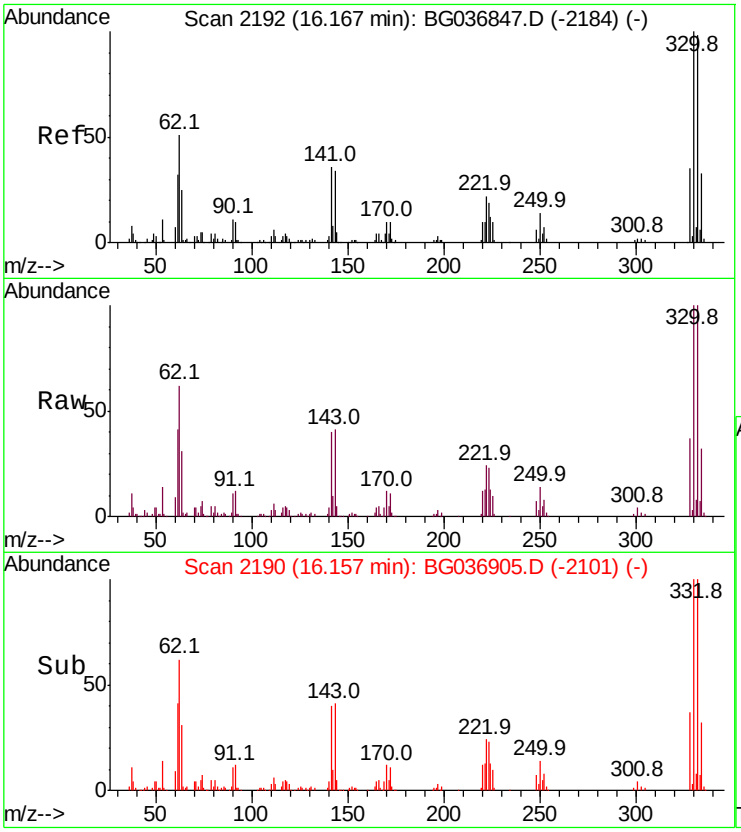


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Tgt Ion:164 Resp: 111284

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.7	121.1
160	43.9	35.3	52.9



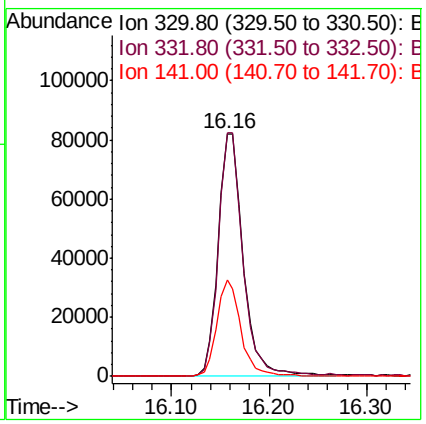


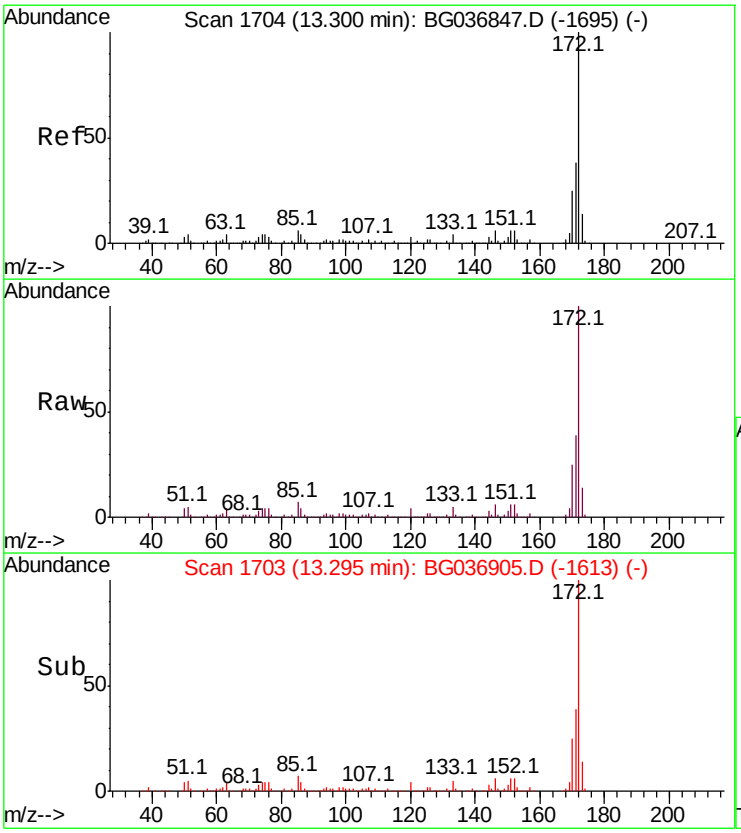
#41
2,4,6-Tribromophenol
Concen: 110.006 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 146467

Ion	Ratio	Lower	Upper
330	100		
332	98.1	75.4	113.2
141	37.9	30.7	46.1

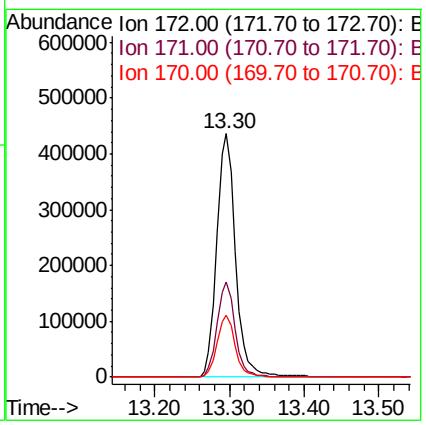


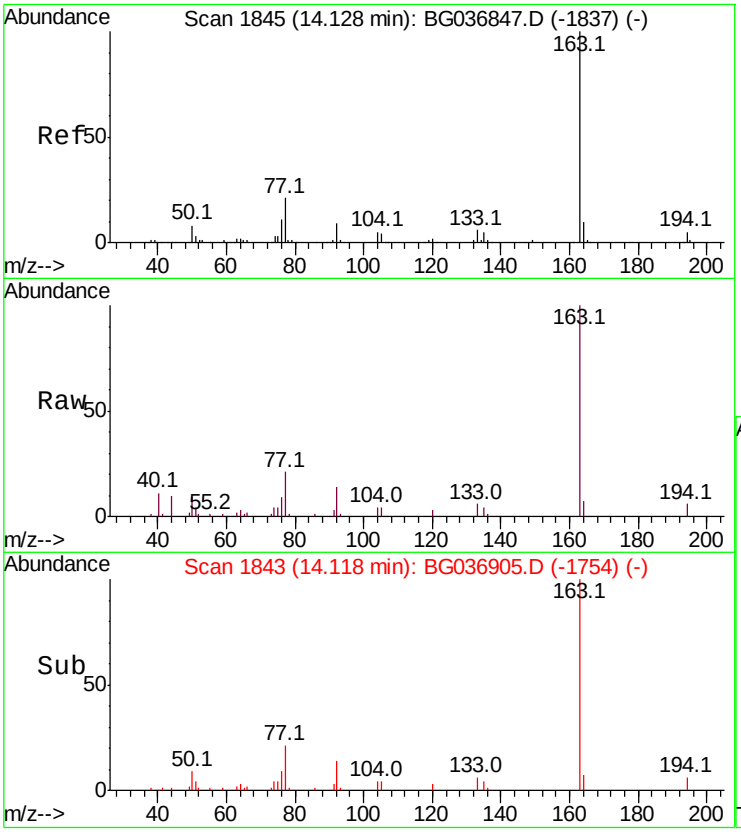


#44
2-Fluorobiphenyl
Concen: 101.965 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Tgt Ion:172 Resp: 761859

Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	25.3	21.0	31.6



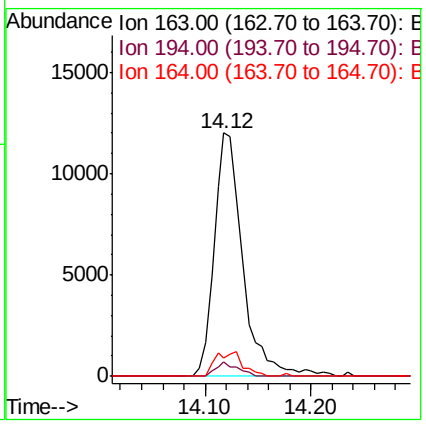


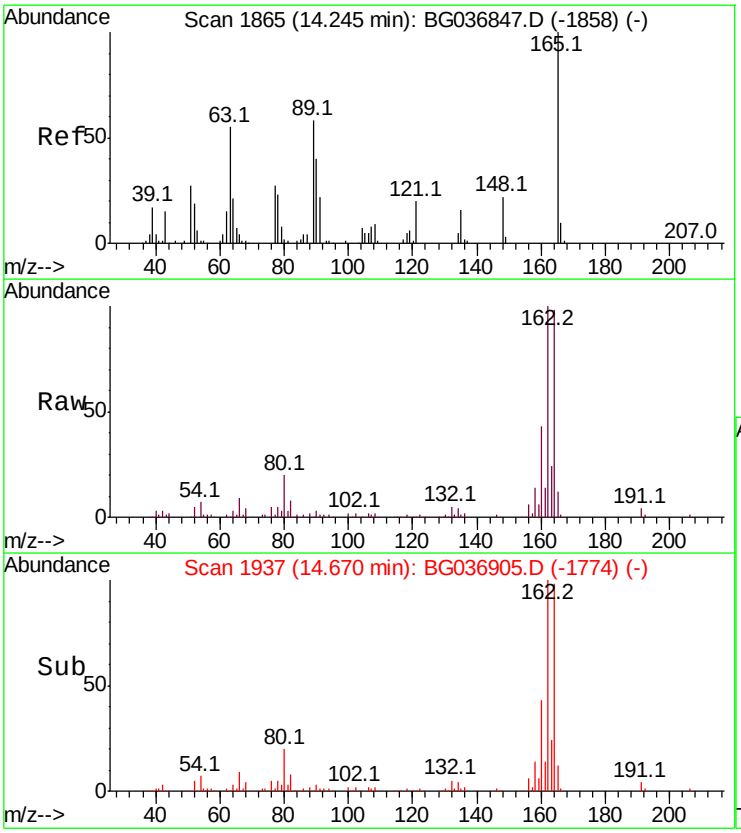
#49
Dimethylphthalate
Concen: 2.533 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 22687

Ion	Ratio	Lower	Upper
163	100		
194	5.7	4.0	6.0
164	7.3	8.1	12.1#

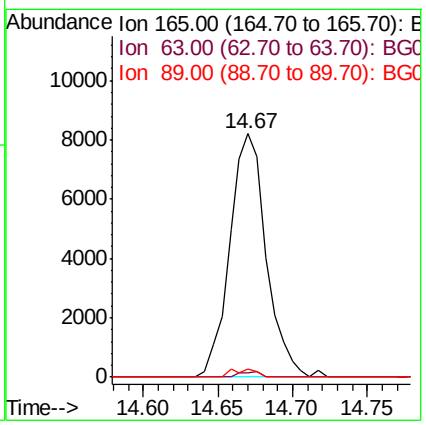


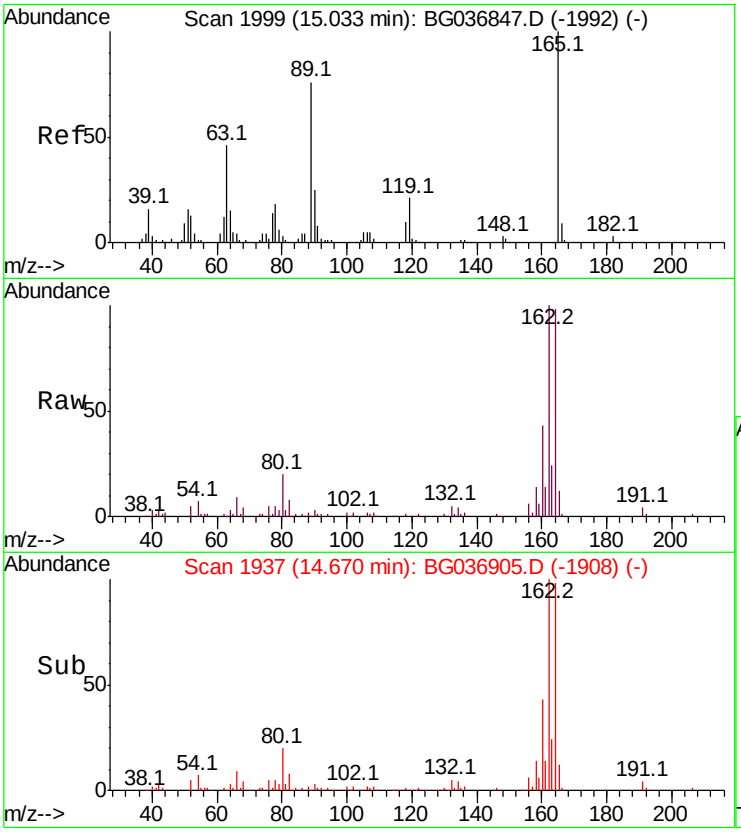


#50
2,6-Dinitrotoluene
Concen: 7.150 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.42 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Tgt Ion:165 Resp: 13974

Ion	Ratio	Lower	Upper
165	100		
63	1.9	50.1	75.1#
89	3.1	47.8	71.6#



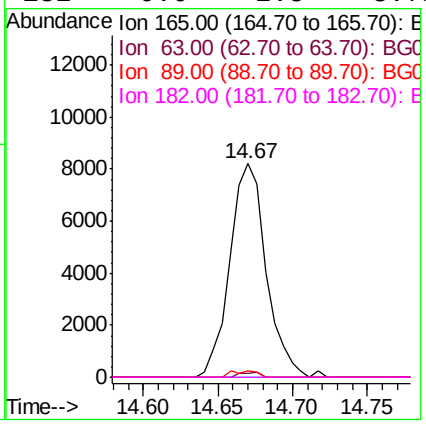


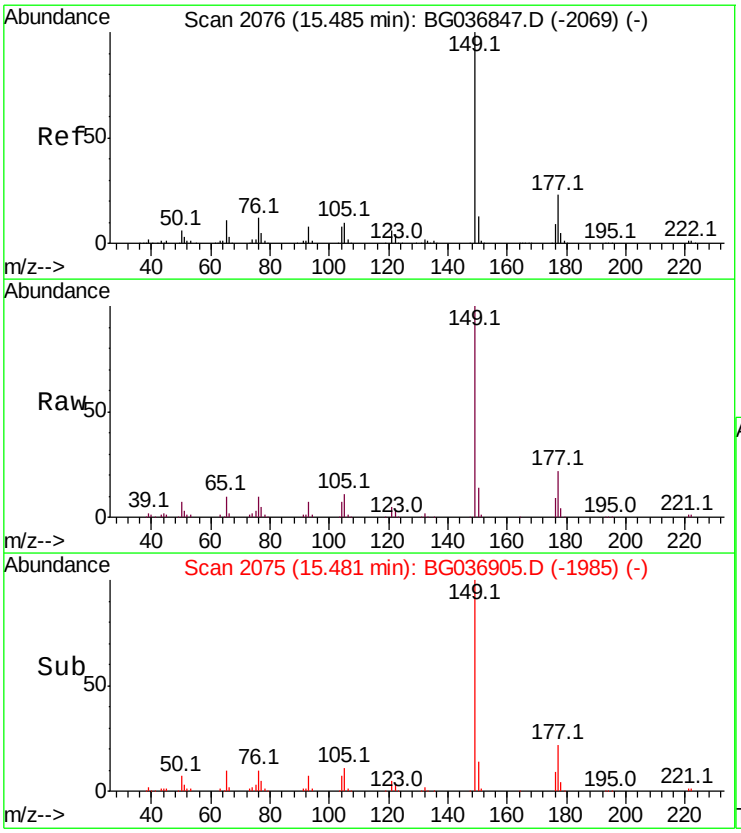
#56
2,4-Dinitrotoluene
Concen: 5.124 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.36 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13974

Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.1	60.1#
89	3.1	63.7	95.5#
182	0.0	2.5	3.7#

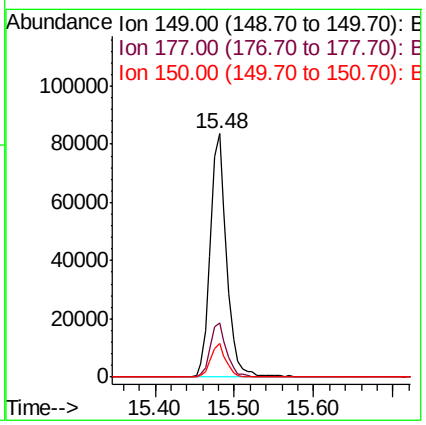


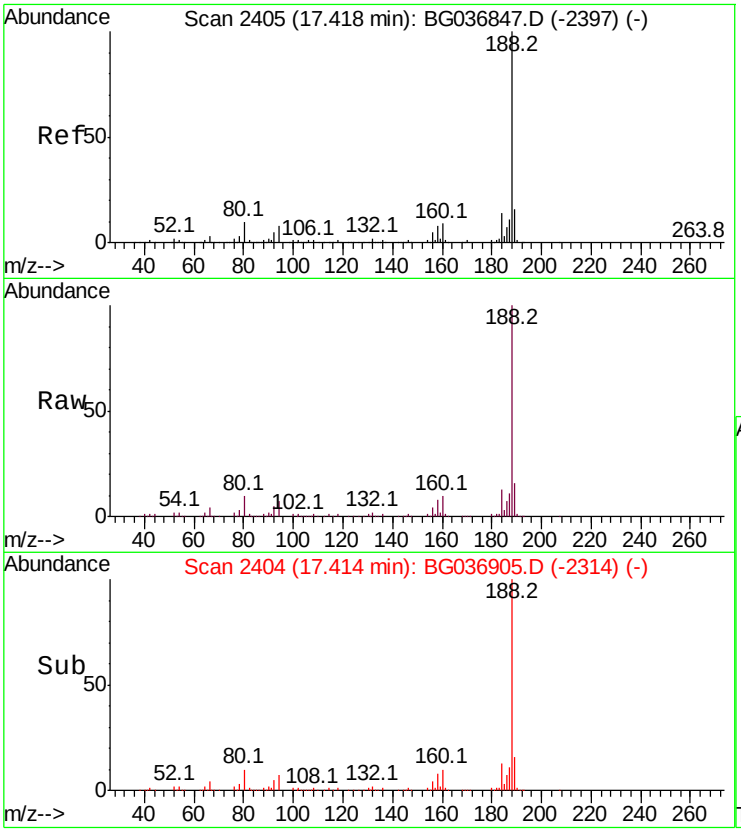


#59
Diethylphthalate
Concen: 13.257 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Tgt Ion:149 Resp: 119773

Ion	Ratio	Lower	Upper
149	100		
177	22.4	19.1	28.7
150	13.7	10.7	16.1



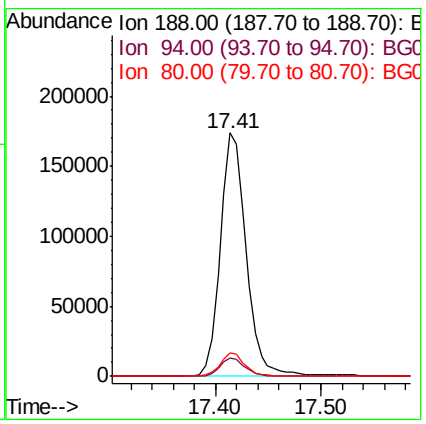


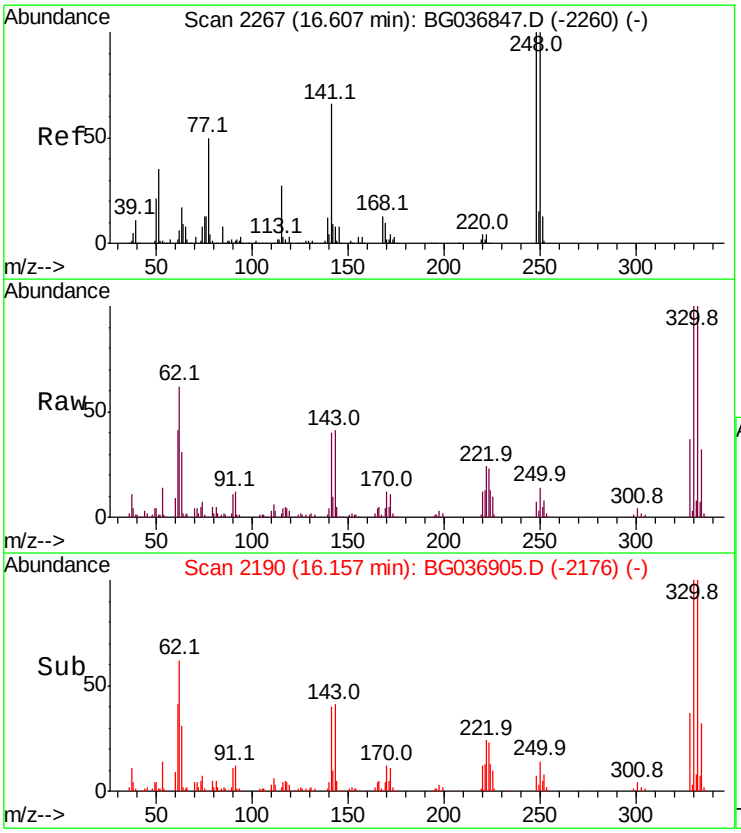
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 294794

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	9.5	8.1	12.1

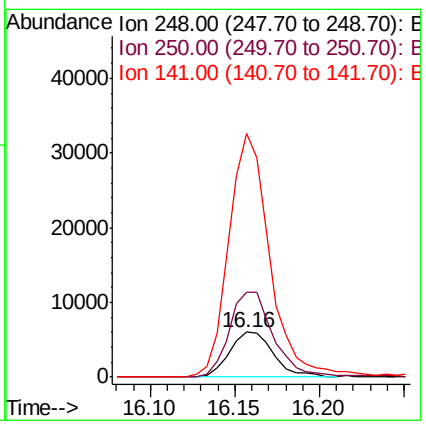


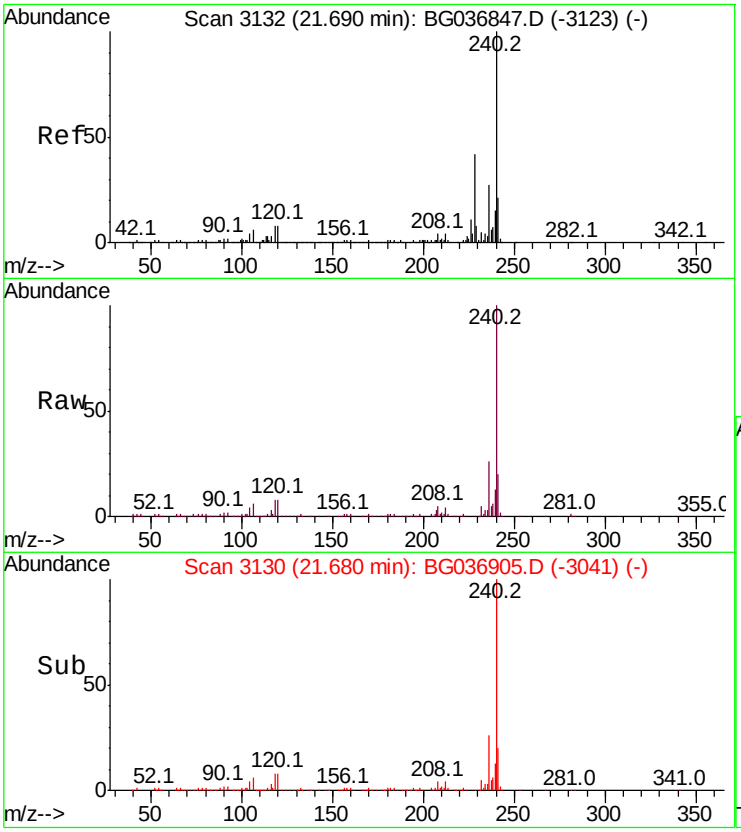


#66
4-Bromophenyl-phenylether
Concen: 3.224 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Tgt Ion:248 Resp: 10809

Ion	Ratio	Lower	Upper
248	100		
250	189.1	78.1	117.1#
141	539.2	53.7	80.5#



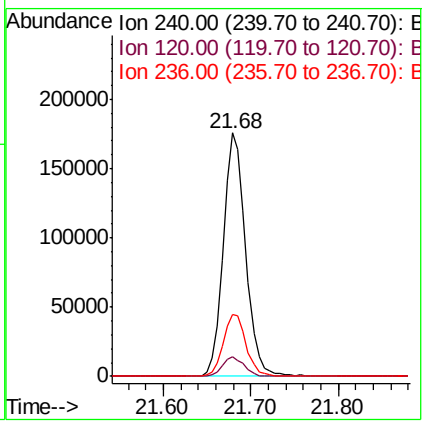


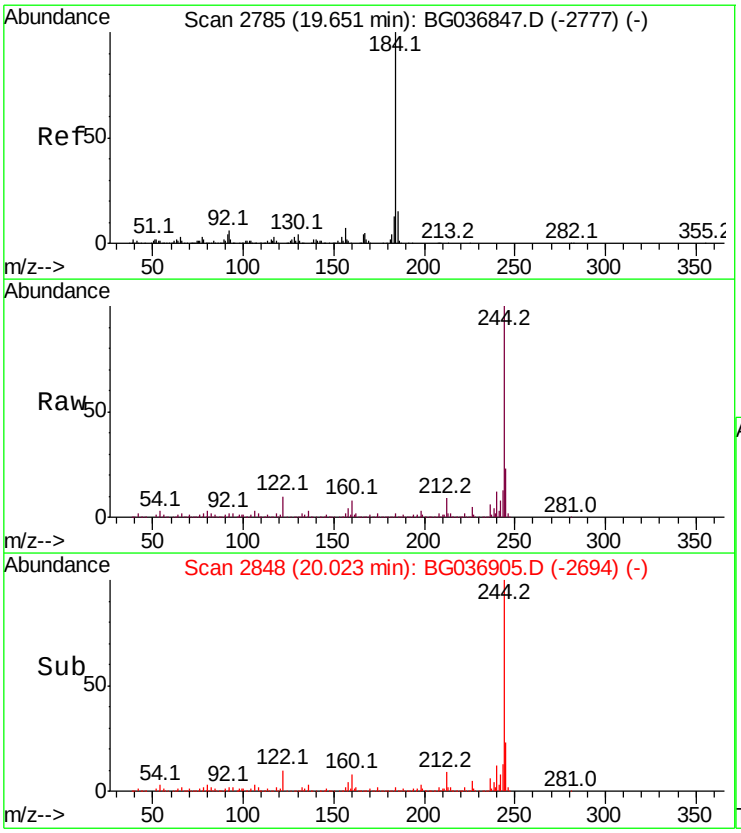
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 307669

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.9	10.3
236	25.6	21.2	31.8

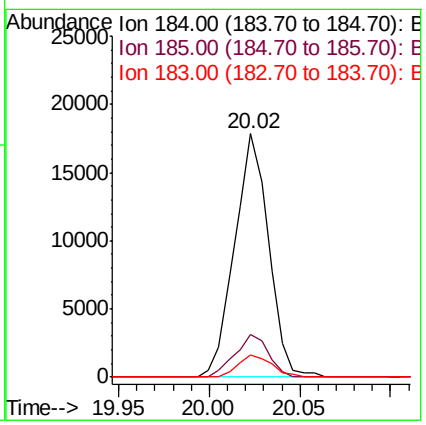


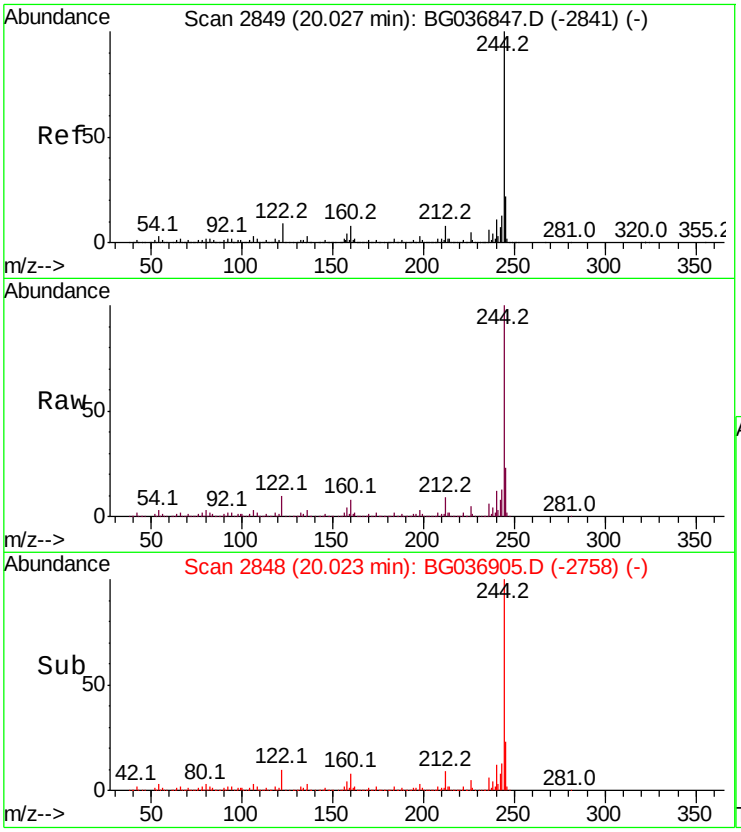


#76
Benzidine
Concen: 2.515 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Tgt Ion:184 Resp: 23394

Ion	Ratio	Lower	Upper
184	100		
185	17.3	12.6	18.8
183	9.0	10.9	16.3#



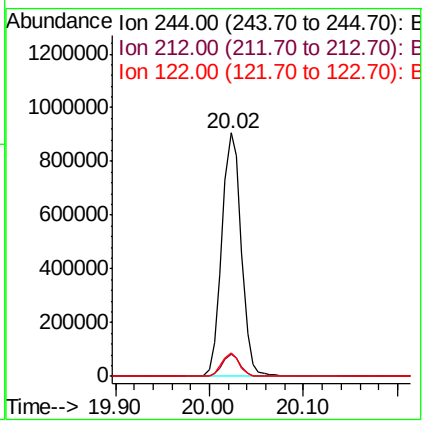


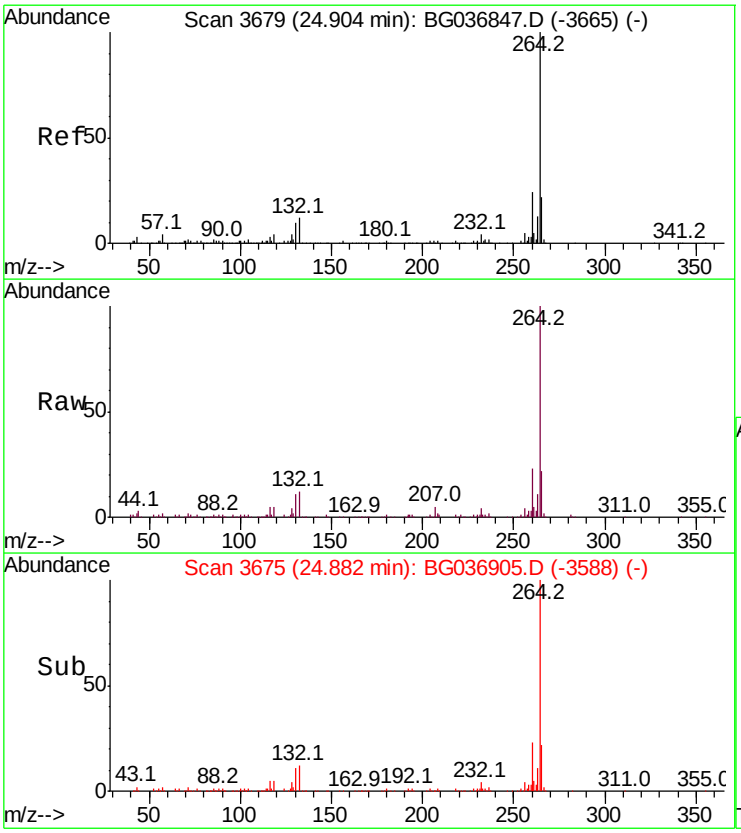
#78
Terphenyl-d14
Concen: 112.026 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1310783

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.6	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG036905.D
Acq: 22 Sep 2018 23:22

Tgt Ion:264 Resp: 304515

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	22.0	17.4	26.0