Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092418\
Data File : BG036927.D
Acq On : 24 Sep 2018 21:06
Operator : JU/SJ
Sample : J4770-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-02-092118-D

Quant Time: Sep 25 06:09:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39258	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	168596	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	113773	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	294740	20.00	ng	0.00
75) Chrysene-d12	21.68	240	311951	20.00	ng	-0.01
86) Perylene-d12	24.88	264	307299	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	228115	111.44	ng	0.00
7) Phenol-d6	7.20	99	285425	90.12	ng	-0.01
23) Nitrobenzene-d5	9.21	82	236395	75.09	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	141622	104.04	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	554310	72.56	ng	0.00
78) Terphenyl-d14	20.02	244	1017883	85.80	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	31747	12.050	ng	# 72
50) 2,6-Dinitrotoluene	14.66	165	14138	7.076	ng	# 22
56) 2,4-Dinitrotoluene	14.66	165	14138	5.071	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	10006	2.985	ng	# 1

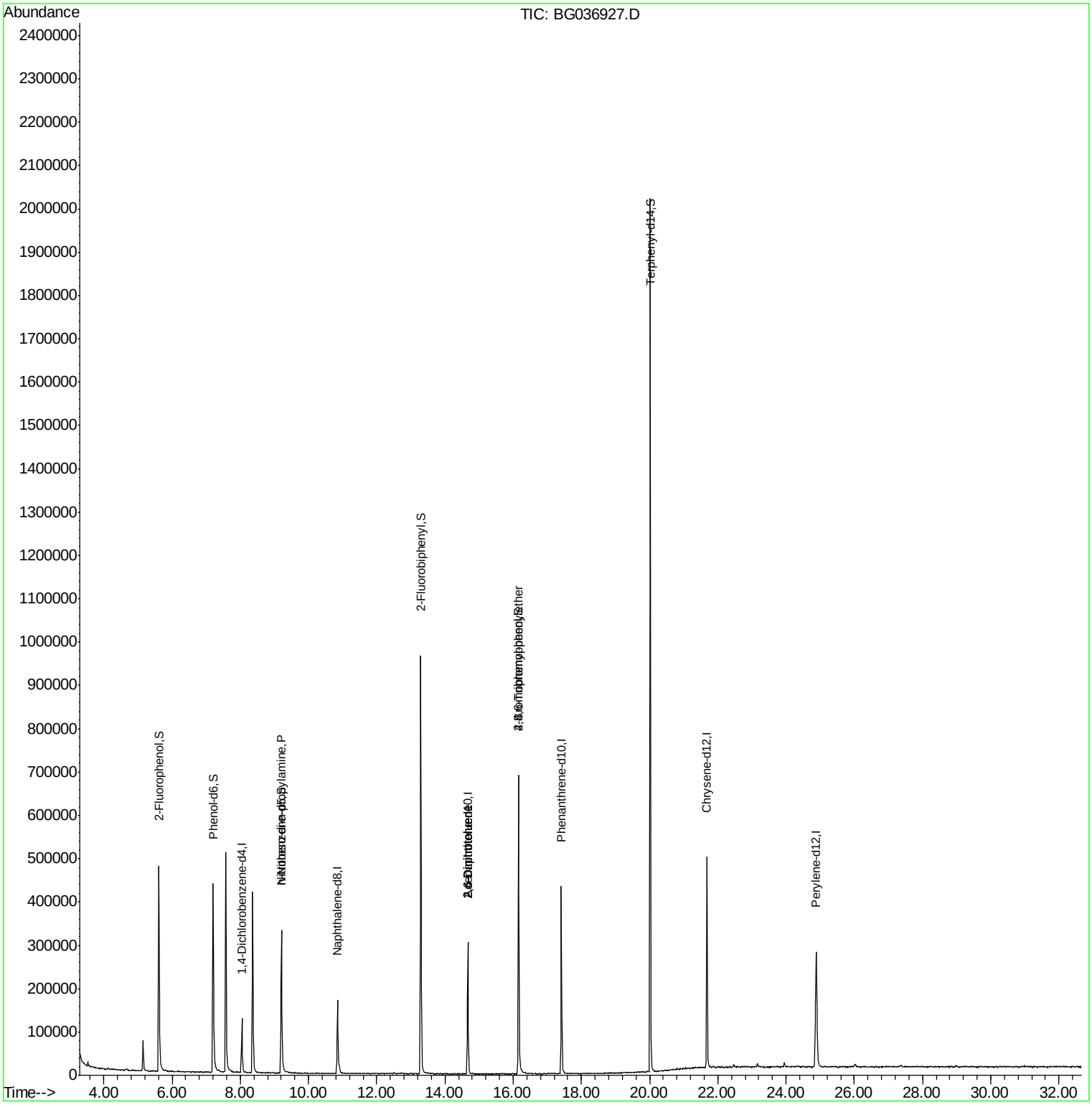
(#) = qualifier out of range (m) = manual integration (+) = signals summed

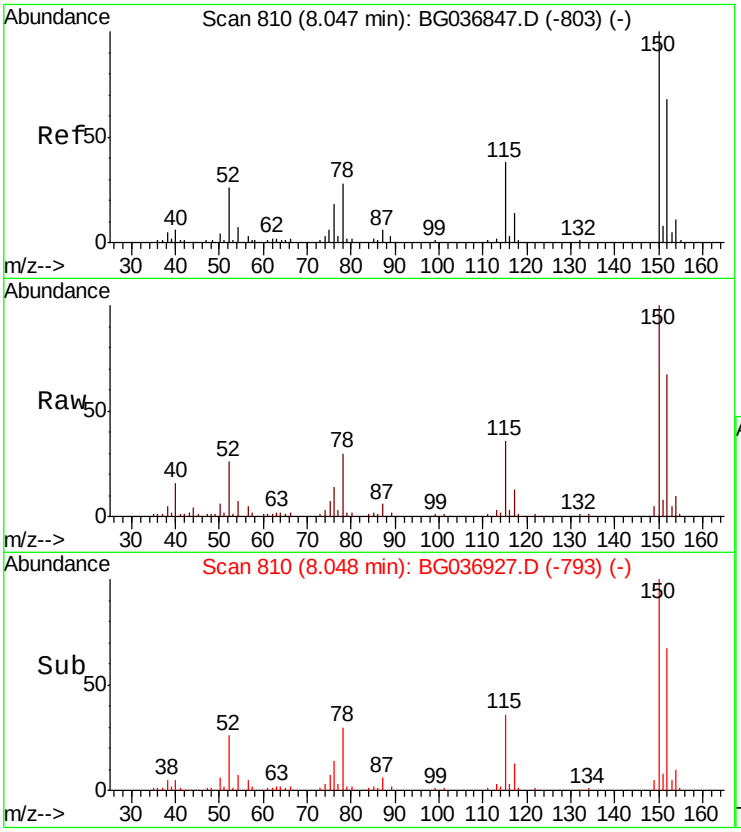
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092418\
Data File : BG036927.D
Acq On : 24 Sep 2018 21:06
Operator : JU/SJ
Sample : J4770-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-D

Quant Time: Sep 25 06:09:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration



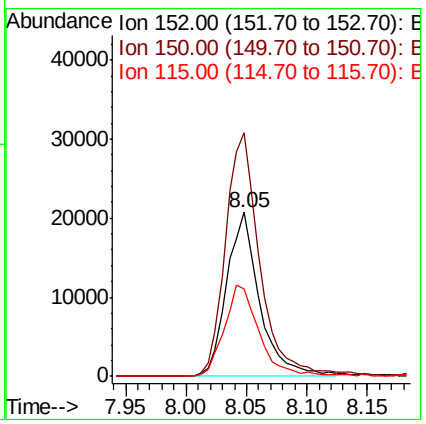


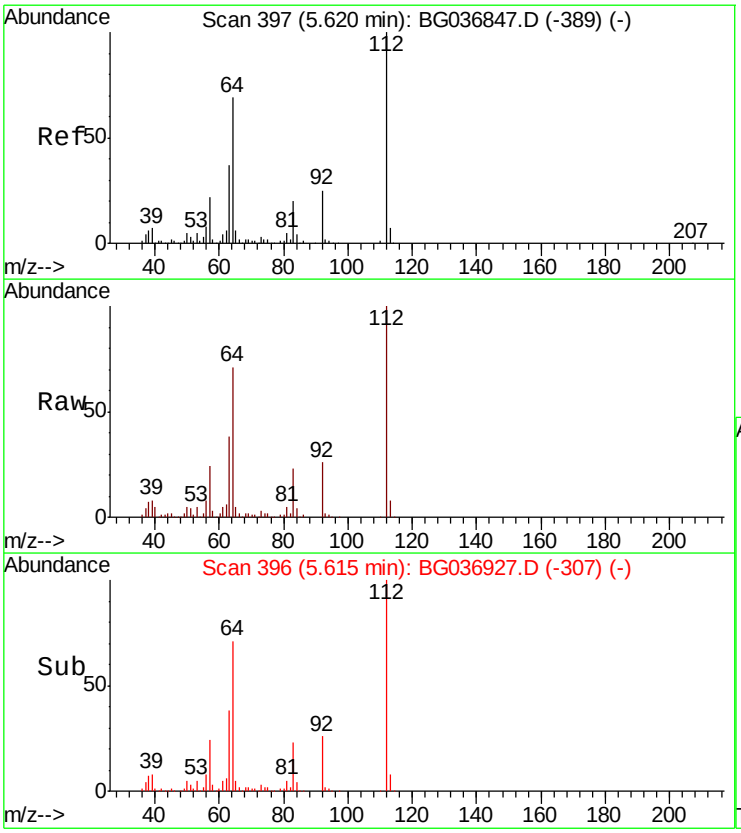
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036927.D
Acq: 24 Sep 2018 21:06

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-D

Tgt Ion:152 Resp: 39258

Ion	Ratio	Lower	Upper
152	100		
150	148.6	119.5	179.3
115	53.4	44.5	66.7

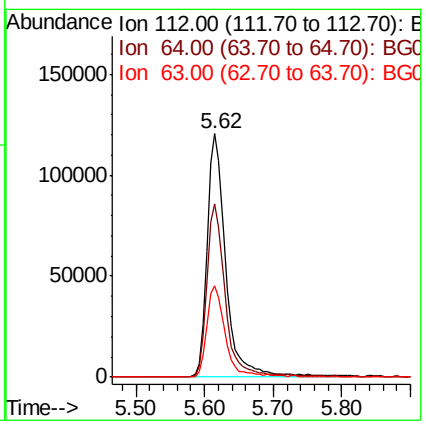


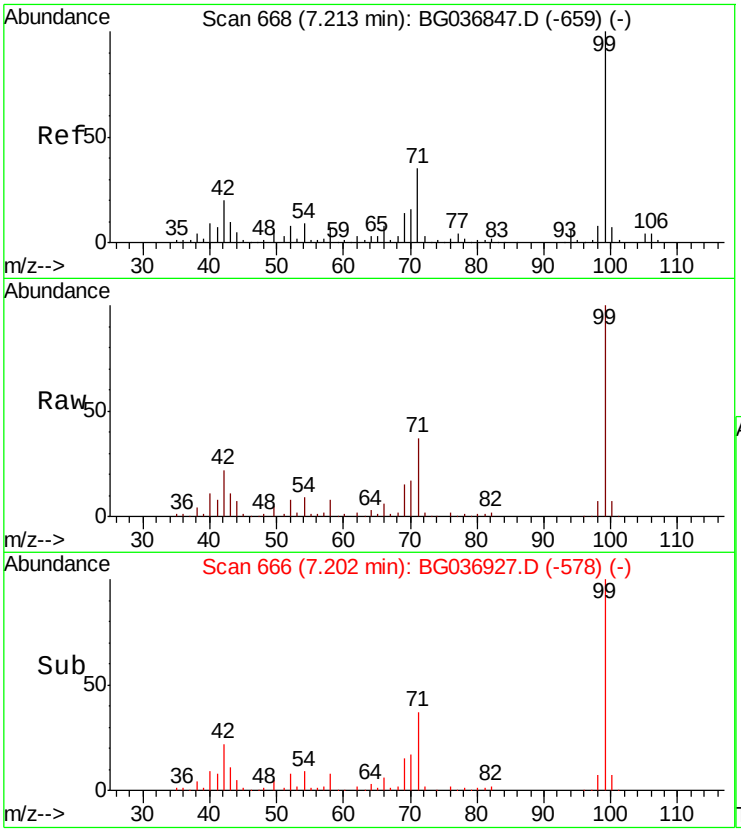


#5
2-Fluorophenol
Concen: 111.436 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036927.D
Acq: 24 Sep 2018 21:06

Tgt Ion:112 Resp: 228115

Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.2	85.8
63	37.7	30.8	46.2



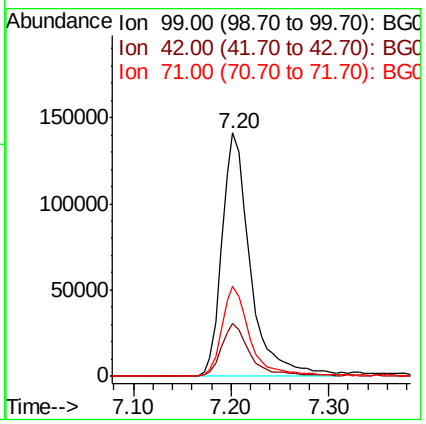


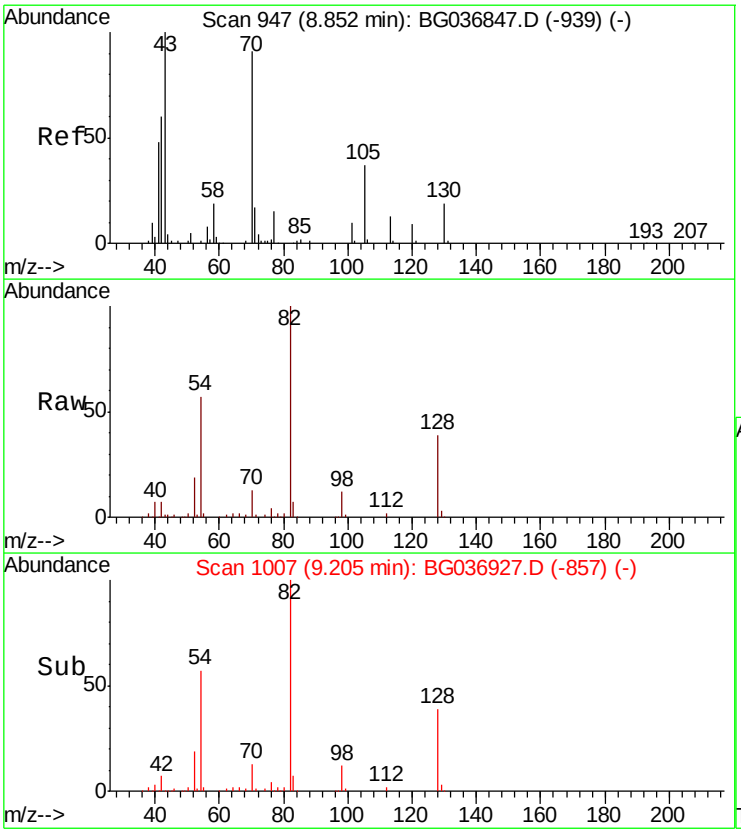
#7
Phenol-d6
Concen: 90.121 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG036927.D
Acq: 24 Sep 2018 21:06

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-D

Tgt Ion: 99 Resp: 285425

Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.5	24.7
71	37.1	29.4	44.2

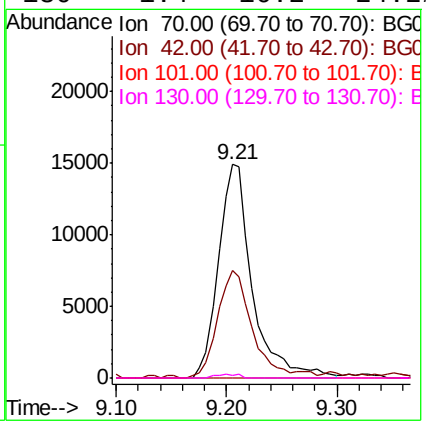


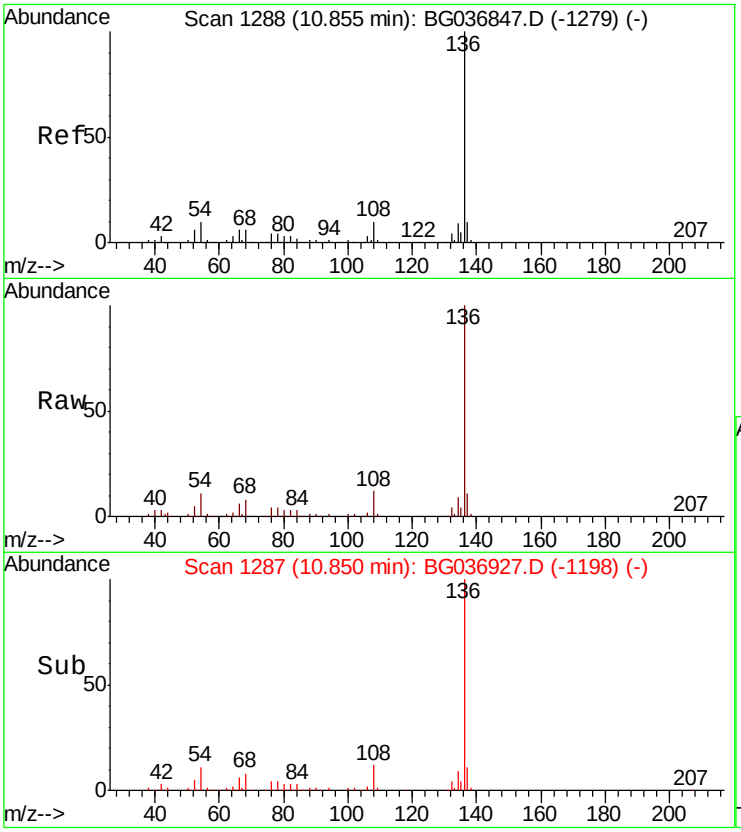


#19
n-Nitroso-di-n-propylamine
Concen: 12.050 ng
RT: 9.21 min Scan# 1007
Delta R.T. 0.35 min
Lab File: BG036927.D
Acq: 24 Sep 2018 21:06

Tgt Ion: 70 Resp: 31747

Ion	Ratio	Lower	Upper
70	100		
42	50.4	56.2	84.4#
101	0.0	7.8	11.6#
130	1.4	16.2	24.2#



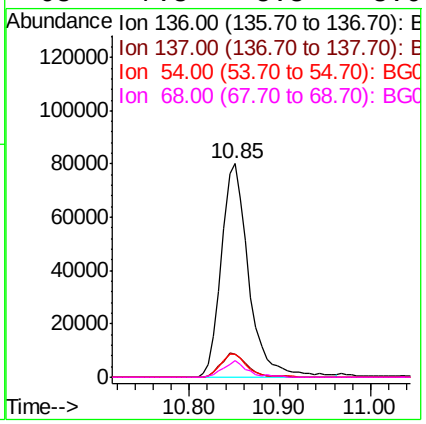


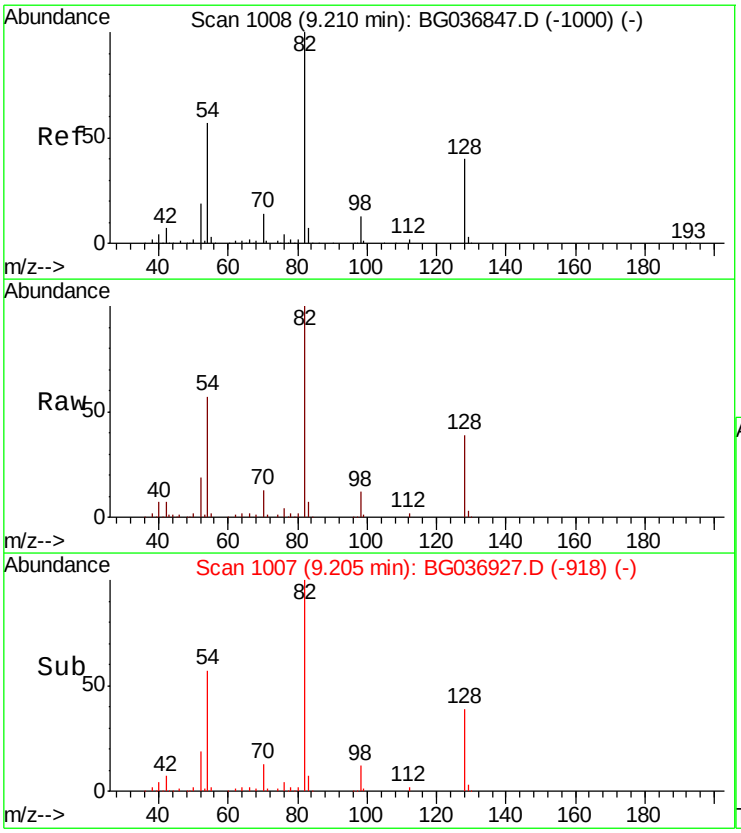
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036927.D
Acq: 24 Sep 2018 21:06

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-D

Tgt Ion:136 Resp: 168596

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.8	9.2	13.8
68	7.8	5.8	8.6

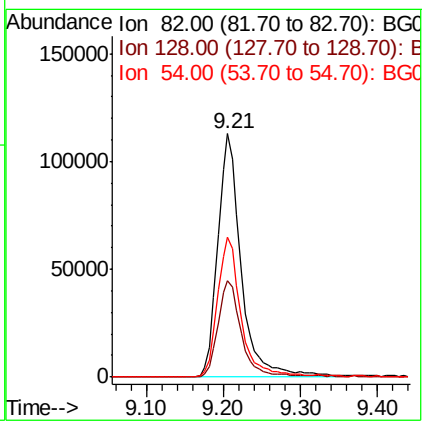


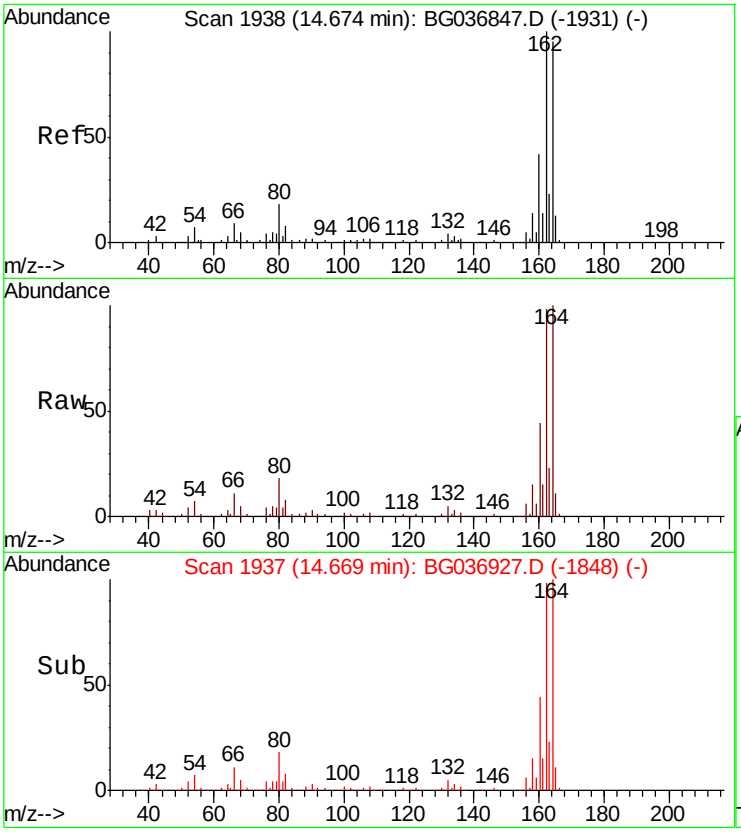


#23
Nitrobenzene-d5
Concen: 75.086 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036927.D
Acq: 24 Sep 2018 21:06

Tgt Ion: 82 Resp: 236395

Ion	Ratio	Lower	Upper
82	100		
128	39.4	33.3	49.9
54	57.3	45.1	67.7



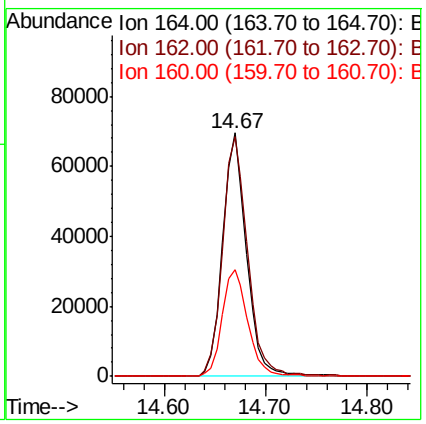


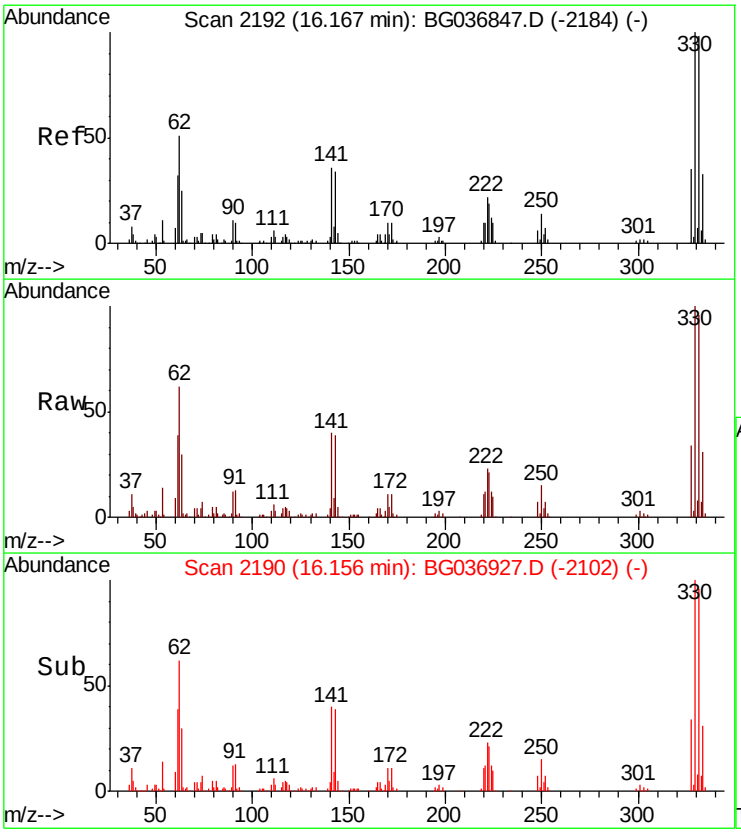
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036927.D
Acq: 24 Sep 2018 21:06

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-D

Tgt Ion:164 Resp: 113773

Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.7	121.1
160	43.6	35.3	52.9

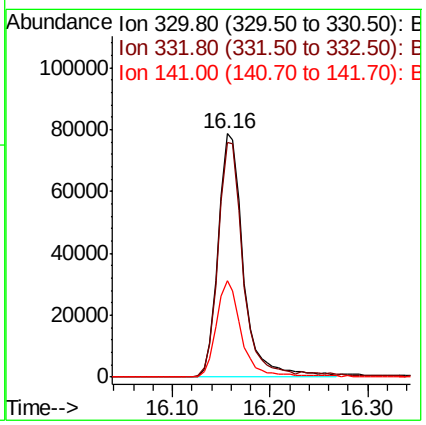


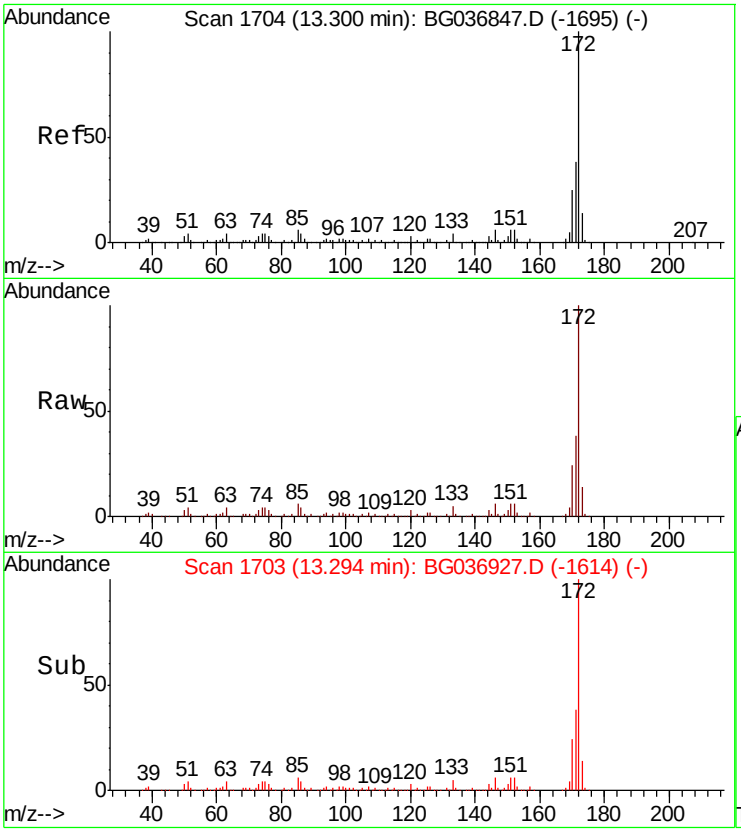


#41
2,4,6-Tribromophenol
Concen: 104.040 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG036927.D
Acq: 24 Sep 2018 21:06

Tgt Ion:330 Resp: 141622

Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.4	113.2
141	39.7	30.7	46.1



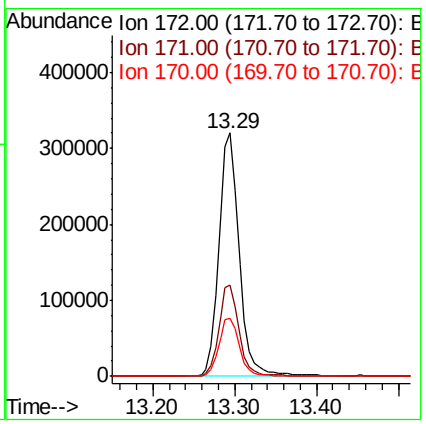


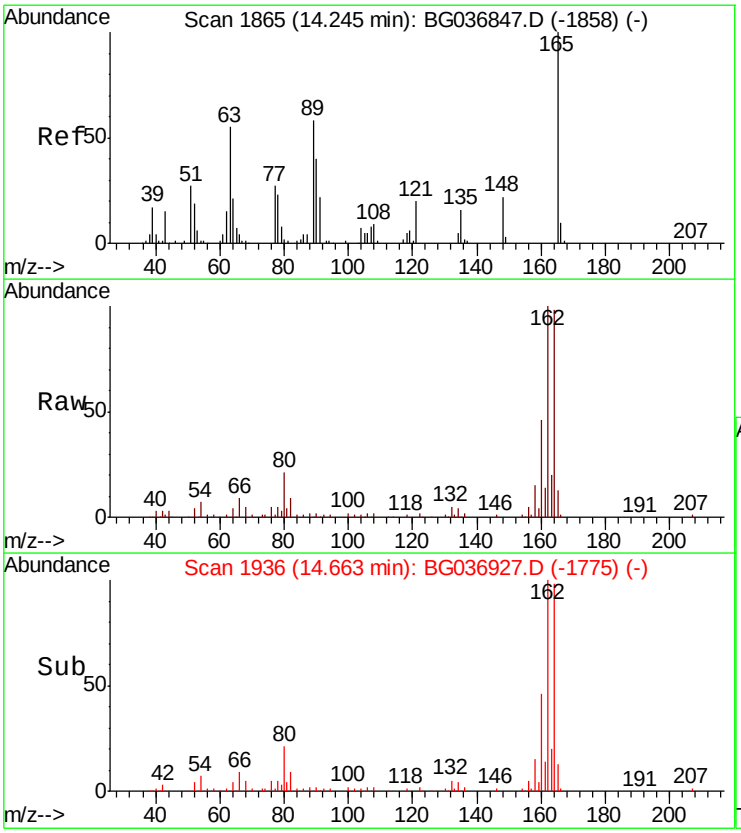
#44
2-Fluorobiphenyl
Concen: 72.564 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036927.D
Acq: 24 Sep 2018 21:06

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-D

Tgt Ion:172 Resp: 554310

Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	23.8	21.0	31.6

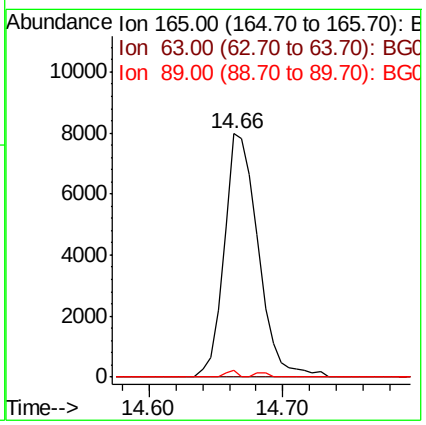


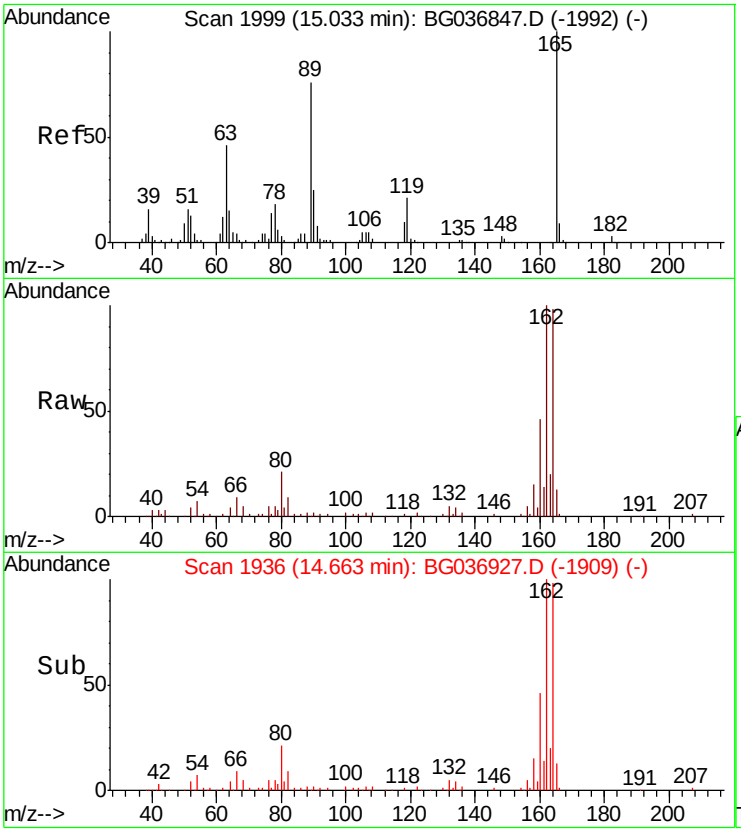


#50
2,6-Dinitrotoluene
Concen: 7.076 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.42 min
Lab File: BG036927.D
Acq: 24 Sep 2018 21:06

Tgt Ion:165 Resp: 14138

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.9	47.8	71.6#



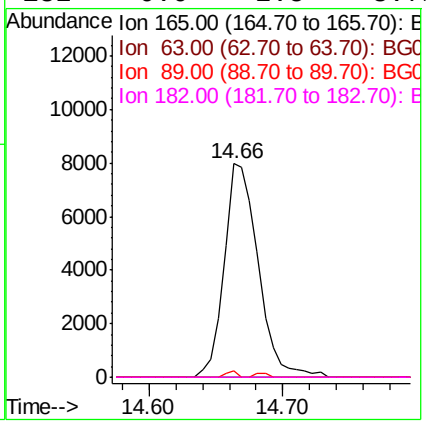


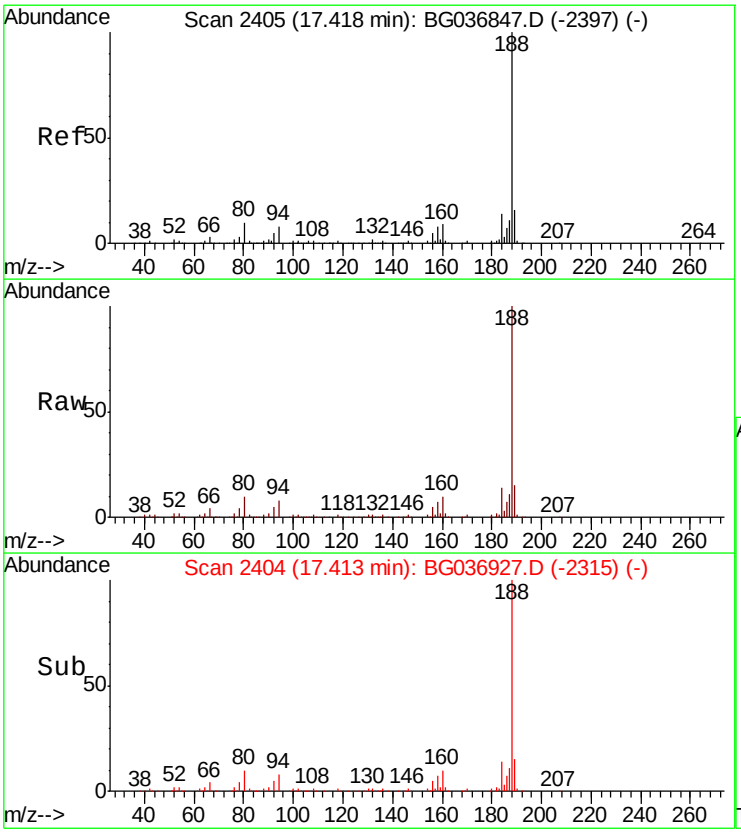
#56
2,4-Dinitrotoluene
Concen: 5.071 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG036927.D
Acq: 24 Sep 2018 21:06

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-D

Tgt Ion:165 Resp: 14138

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

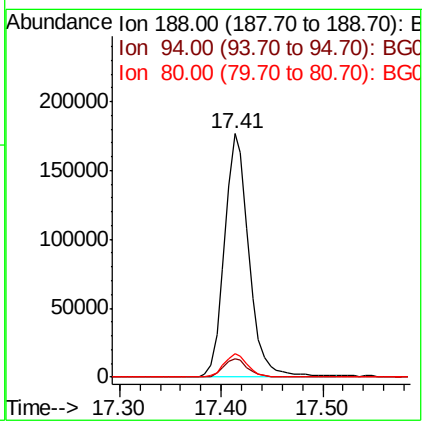


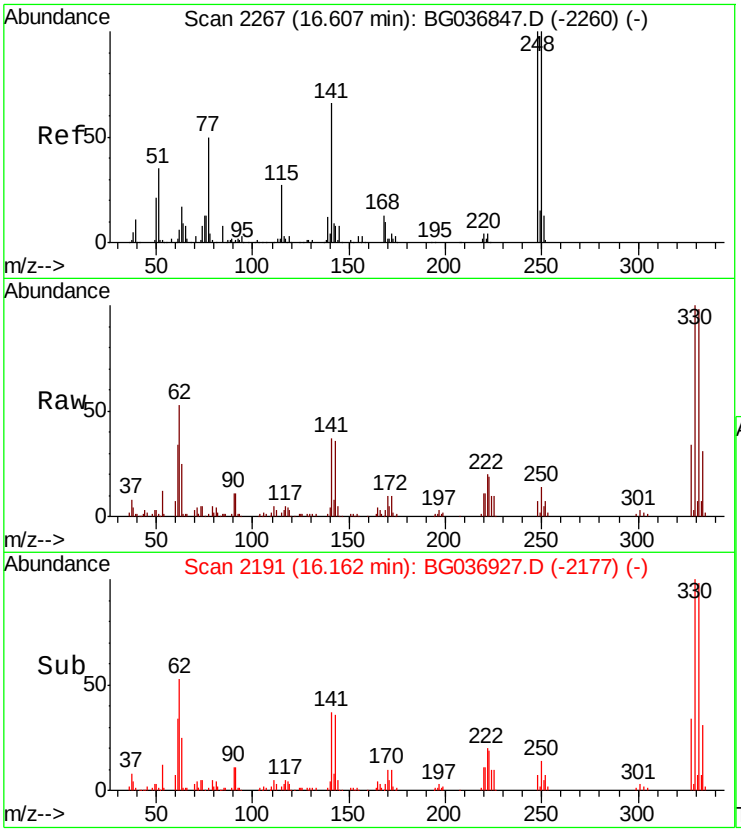


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036927.D
Acq: 24 Sep 2018 21:06

Tgt Ion:188 Resp: 294740

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	9.7	8.1	12.1



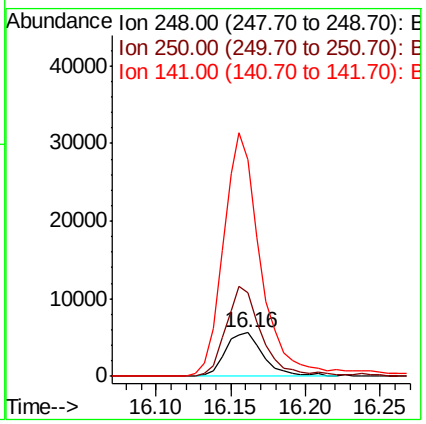


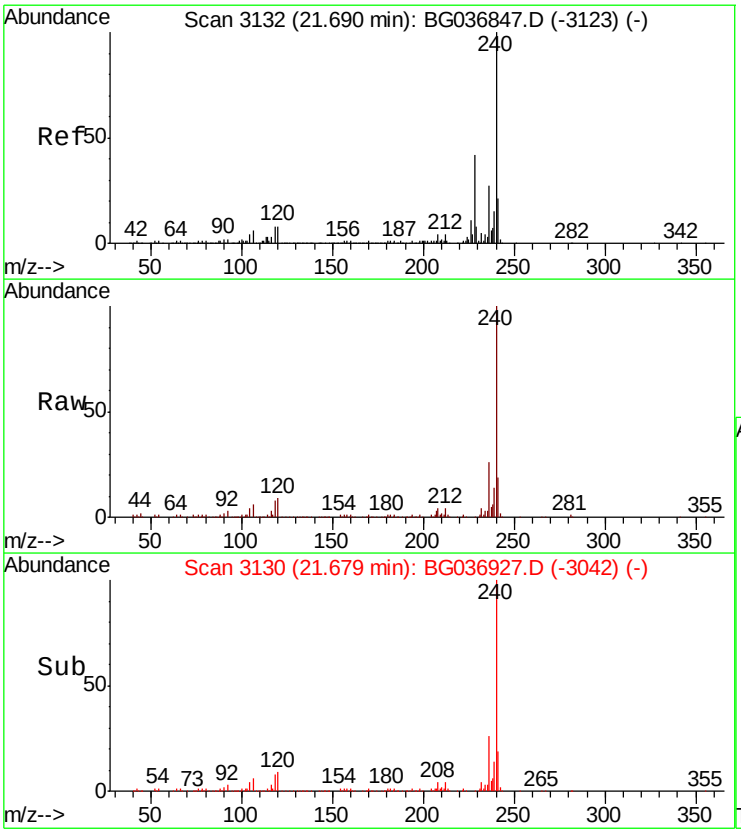
#66
4-Bromophenyl-phenylether
Concen: 2.985 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.45 min
Lab File: BG036927.D
Acq: 24 Sep 2018 21:06

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-D

Tgt Ion:248 Resp: 10006

Ion	Ratio	Lower	Upper
248	100		
250	194.6	78.1	117.1#
141	501.0	53.7	80.5#

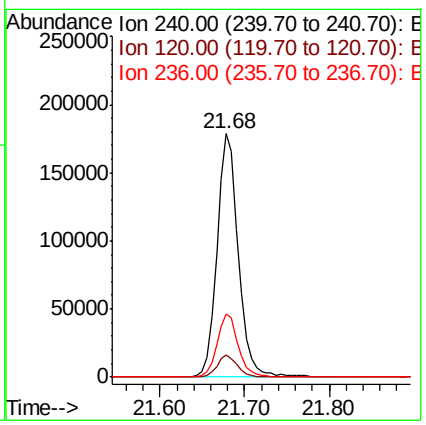


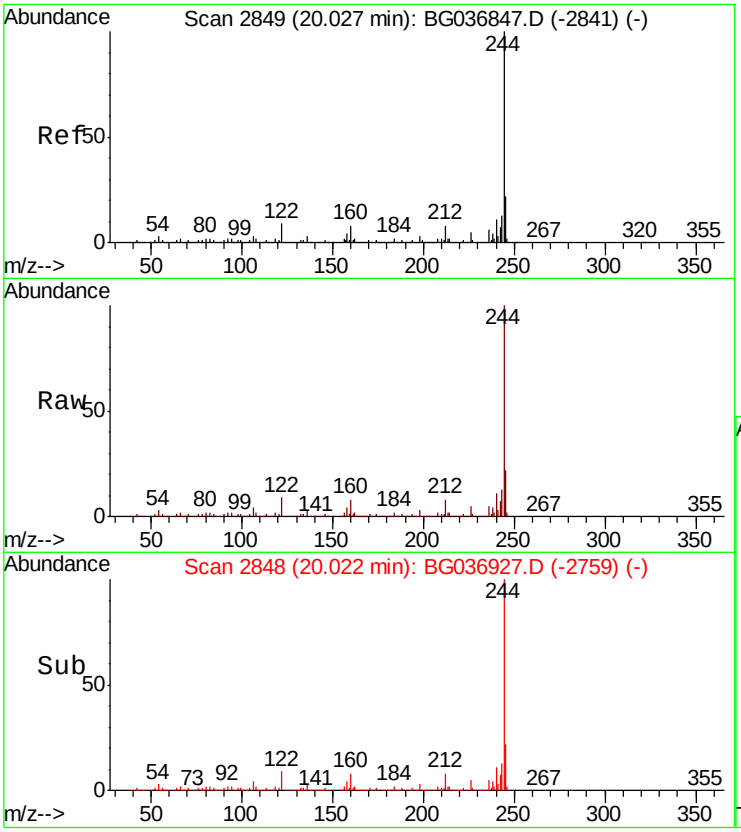


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036927.D
Acq: 24 Sep 2018 21:06

Tgt Ion:240 Resp: 311951

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.9	10.3
236	26.1	21.2	31.8



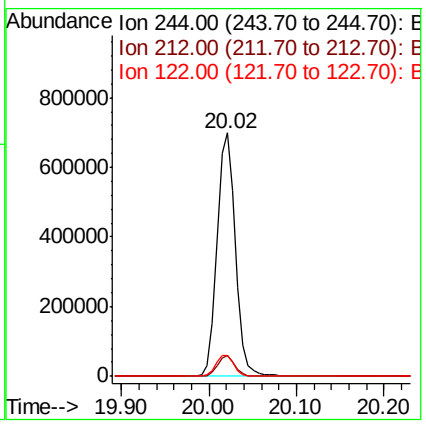


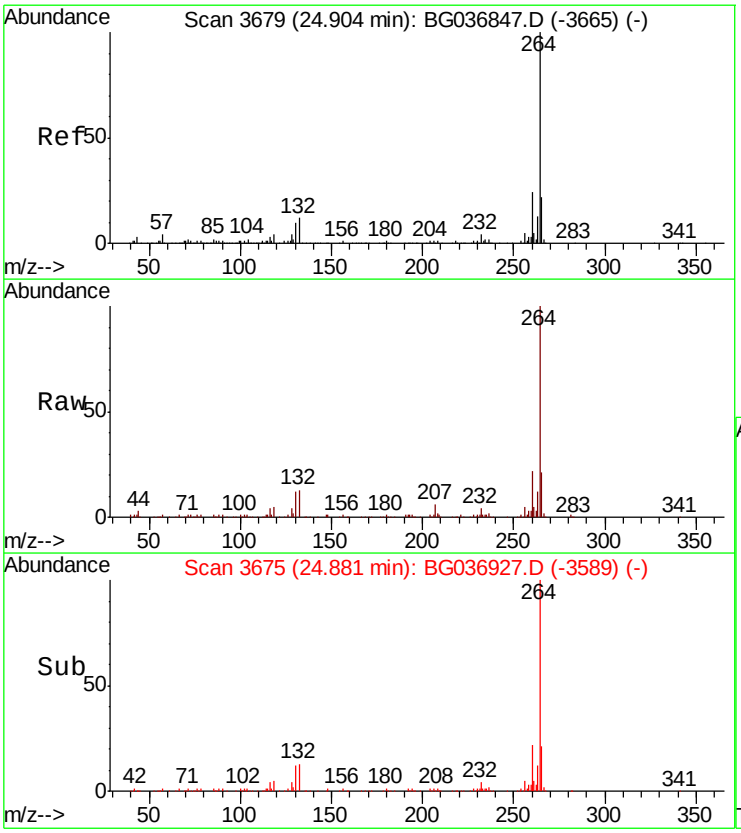
#78
Terphenyl-d14
Concen: 85.799 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036927.D
Acq: 24 Sep 2018 21:06

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-D

Tgt Ion:244 Resp: 1017883

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	8.8	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: BG036927.D
Acq: 24 Sep 2018 21:06

Tgt Ion:264 Resp: 307299

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.6	29.4
265	21.3	17.4	26.0