Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092418\
Data File : BG036925.D
Acq On : 24 Sep 2018 19:49
Operator : JU/SJ
Sample : J4770-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 25 06:09:43 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	41602	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	176416	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	117077	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	321444	20.00	ng	0.00
75) Chrysene-d12	21.68	240	350053	20.00	ng	-0.01
86) Perylene-d12	24.89	264	344434	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	262288	120.91	ng	0.00
7) Phenol-d6	7.20	99	338683	100.91	ng	-0.01
23) Nitrobenzene-d5	9.21	82	270012	81.96	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	175182	125.06	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	630682	80.23	ng	-0.01
78) Terphenyl-d14	20.02	244	1239602	93.12	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	35141	12.586	ng	# 71
50) 2,6-Dinitrotoluene	14.67	165	14693	7.146	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	14693	5.121	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	12147	3.322	ng	# 1

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

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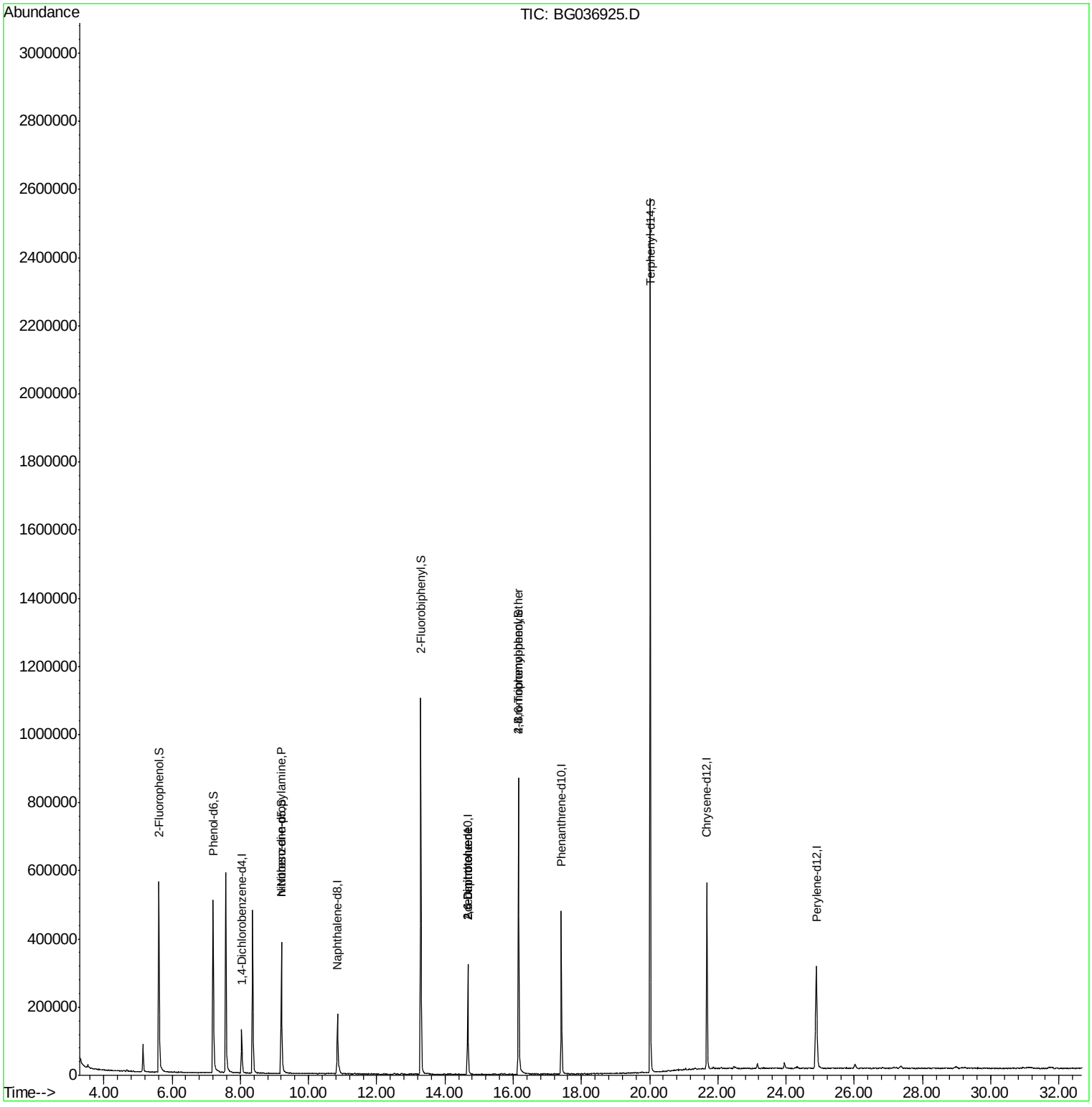
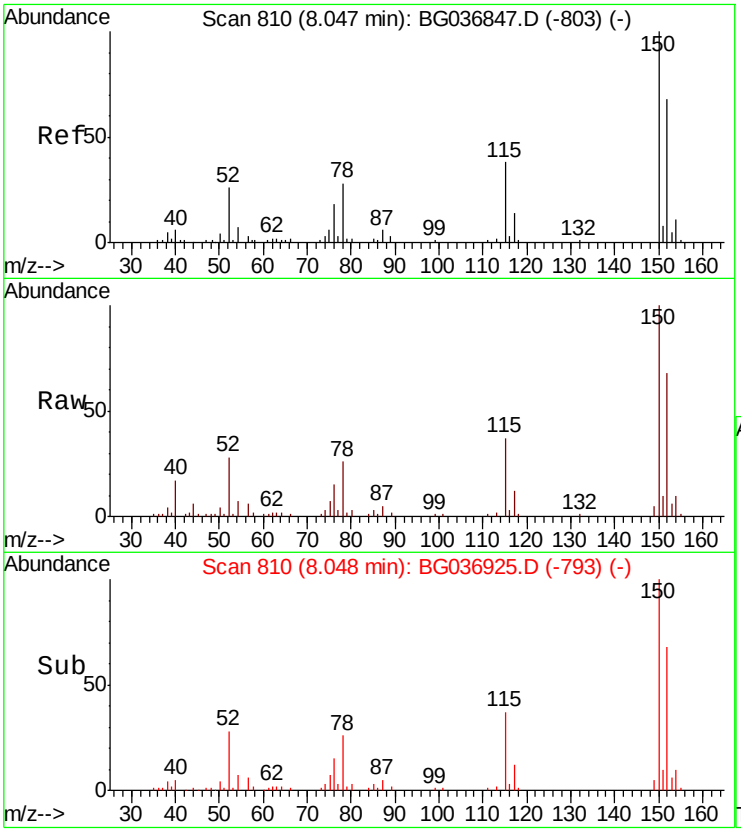


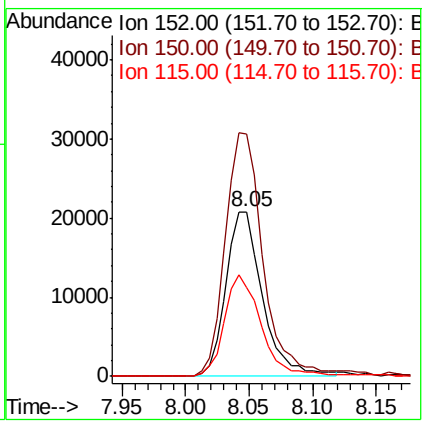


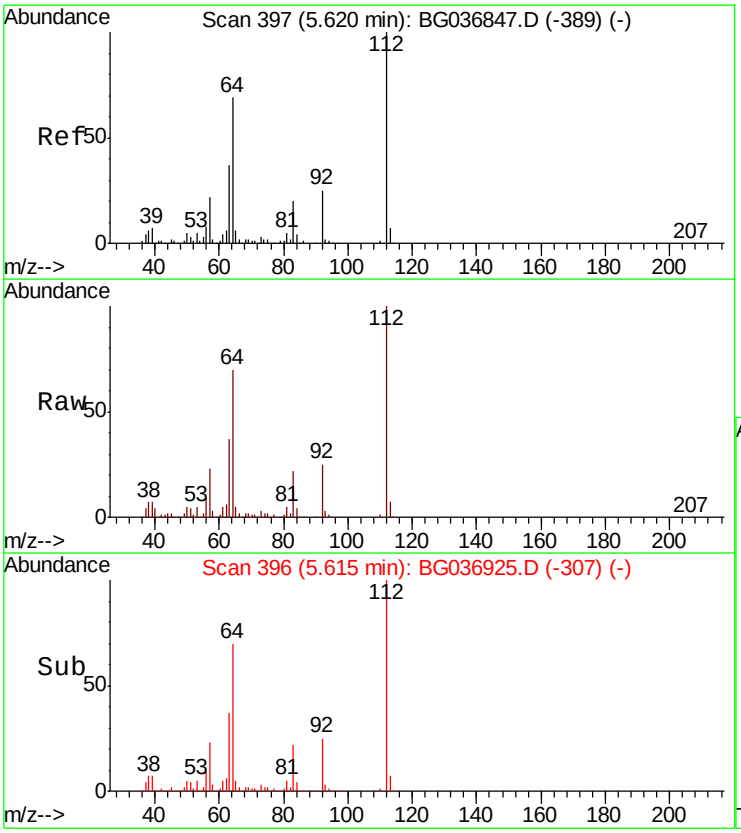
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036925.D
Acq: 24 Sep 2018 19:49

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

Tgt Ion:152 Resp: 41602

Ion	Ratio	Lower	Upper
152	100		
150	146.8	119.5	179.3
115	53.6	44.5	66.7

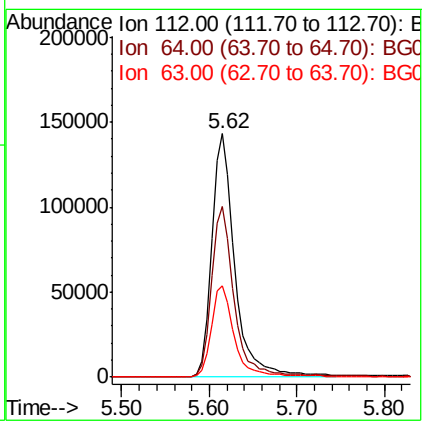


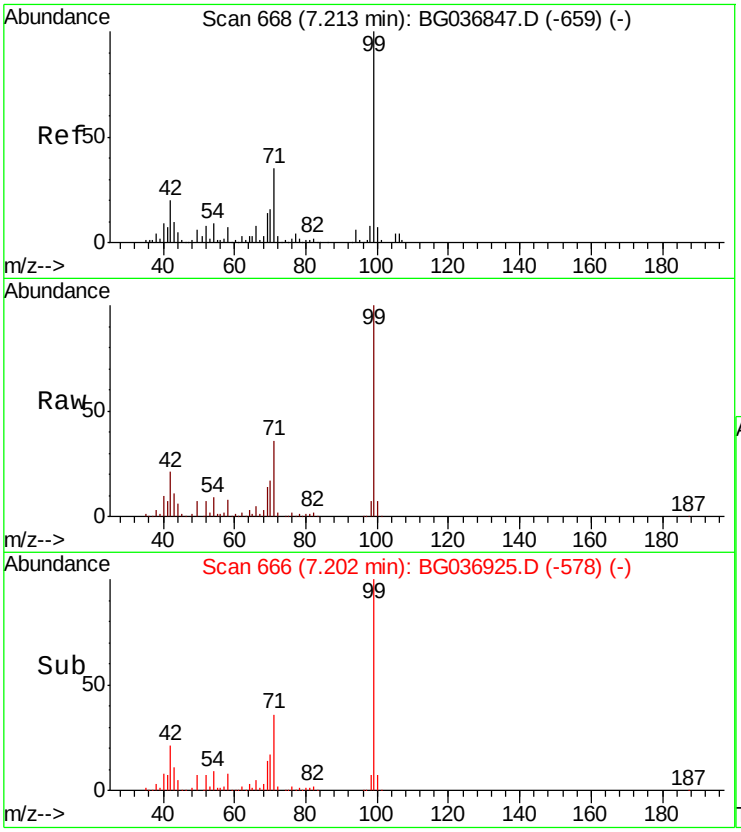


#5
2-Fluorophenol
Concen: 120.910 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036925.D
Acq: 24 Sep 2018 19:49

Tgt Ion:112 Resp: 262288

Ion	Ratio	Lower	Upper
112	100		
64	70.0	57.2	85.8
63	37.3	30.8	46.2



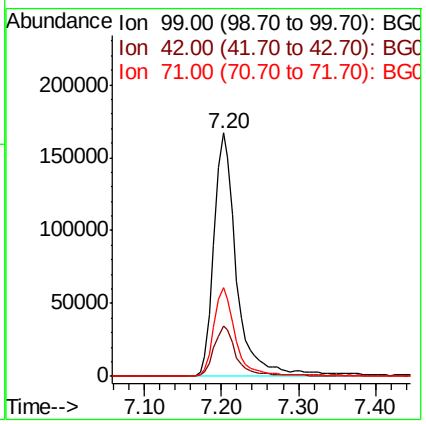


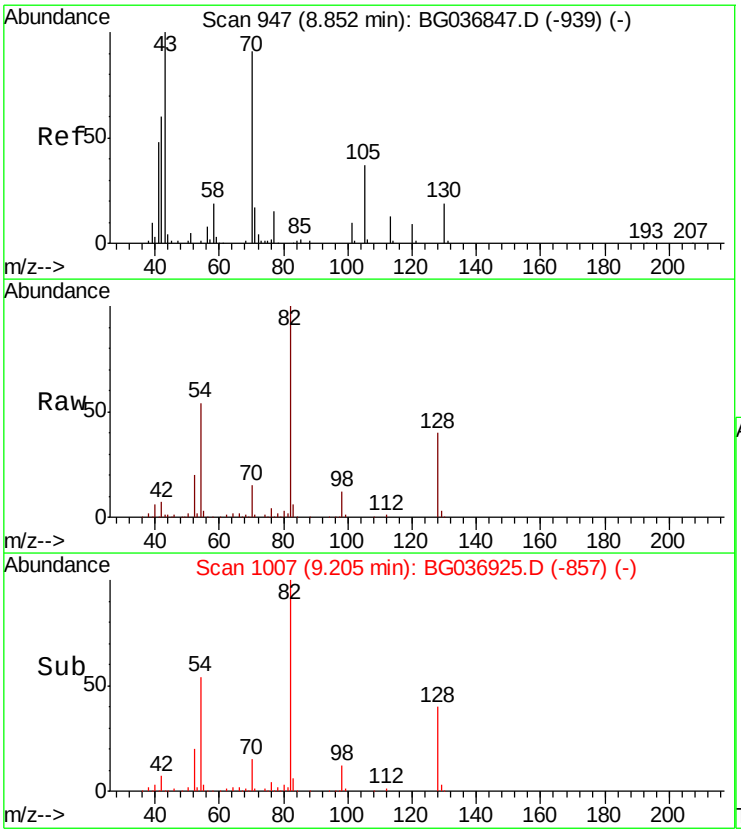
#7
Phenol-d6
Concen: 100.911 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG036925.D
Acq: 24 Sep 2018 19:49

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

Tgt Ion: 99 Resp: 338683

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.5	24.7
71	36.3	29.4	44.2

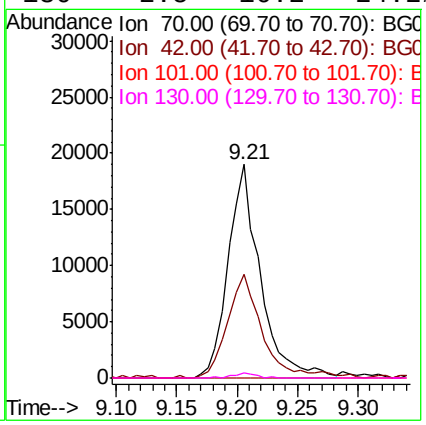


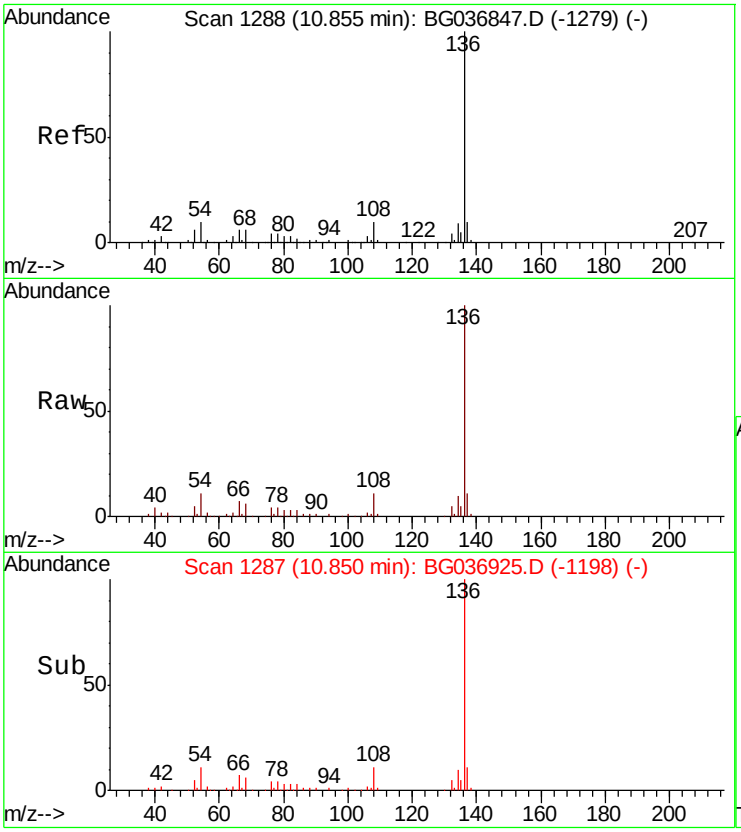


#19
n-Nitroso-di-n-propylamine
Concen: 12.586 ng
RT: 9.21 min Scan# 1007
Delta R.T. 0.35 min
Lab File: BG036925.D
Acq: 24 Sep 2018 19:49

Tgt Ion: 70 Resp: 35141

Ion	Ratio	Lower	Upper
70	100		
42	48.6	56.2	84.4#
101	0.0	7.8	11.6#
130	2.5	16.2	24.2#



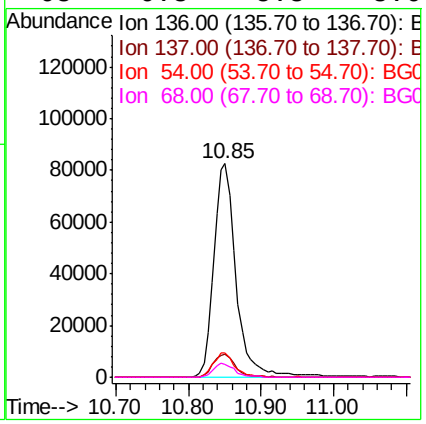


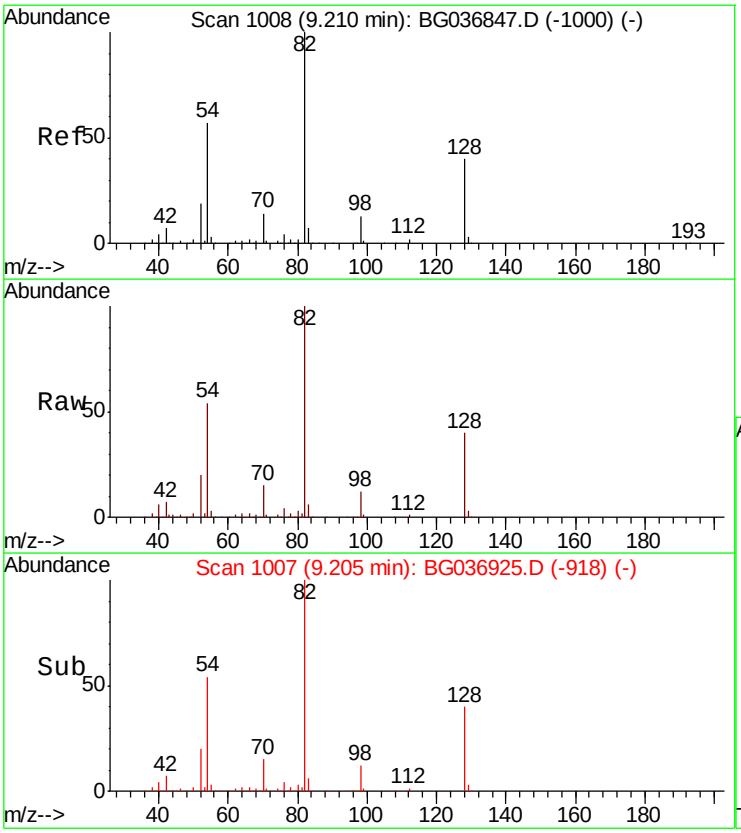
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036925.D
Acq: 24 Sep 2018 19:49

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

Tgt Ion:136 Resp: 176416

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	11.2	9.2	13.8
68	6.3	5.8	8.6

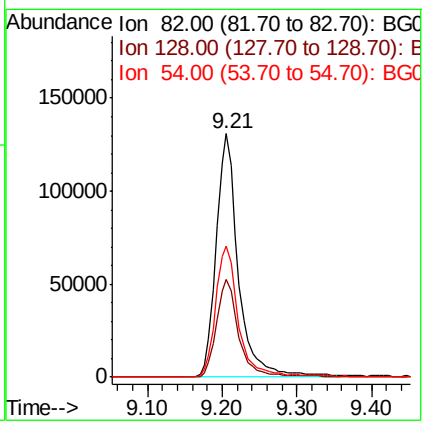


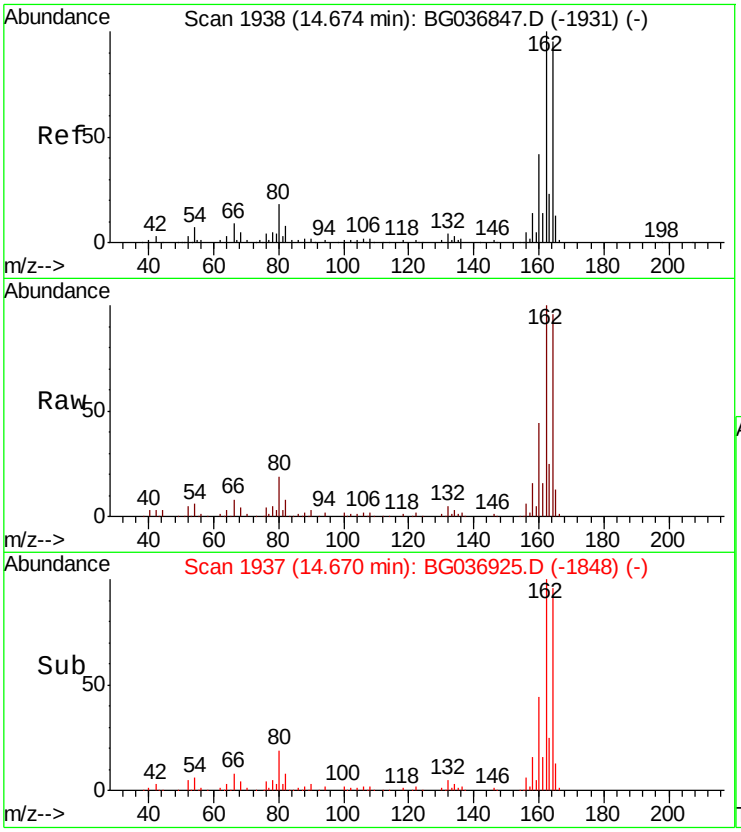


#23
Nitrobenzene-d5
Concen: 81.962 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036925.D
Acq: 24 Sep 2018 19:49

Tgt Ion: 82 Resp: 270012

Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.3	49.9
54	53.5	45.1	67.7



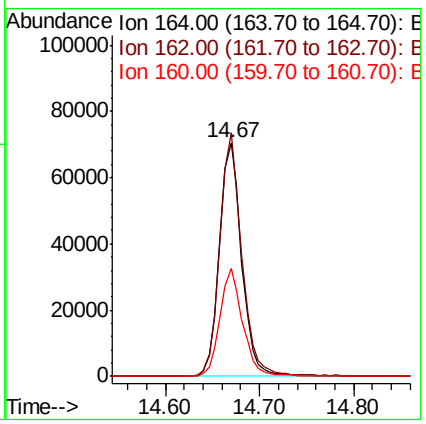


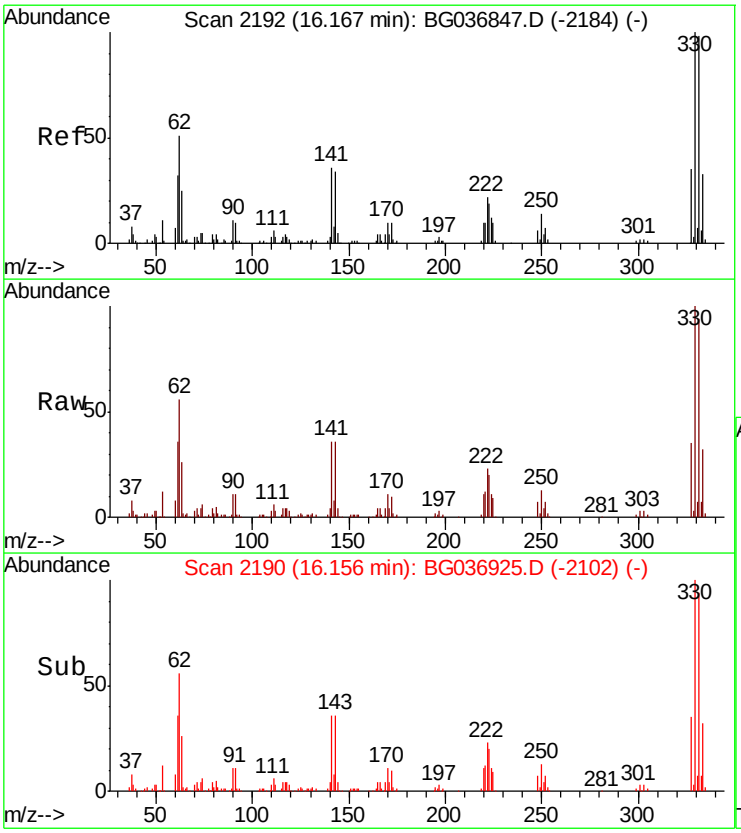
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036925.D
Acq: 24 Sep 2018 19:49

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

Tgt Ion:164 Resp: 117077

Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.7	121.1
160	46.3	35.3	52.9

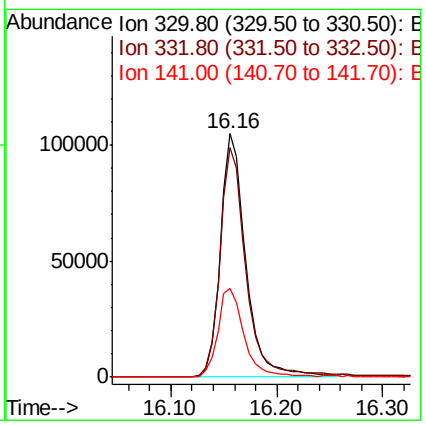


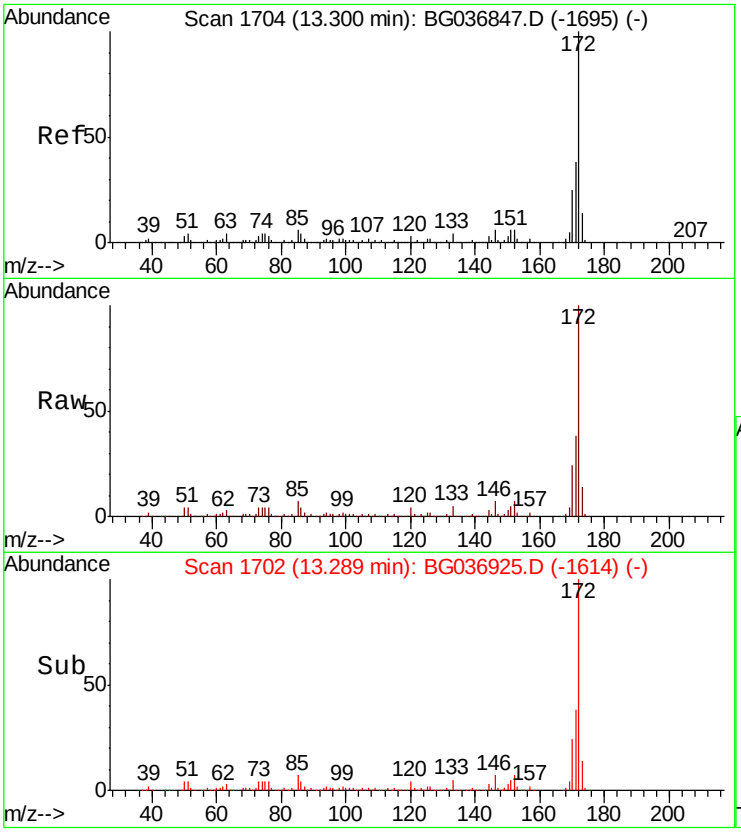


#41
2,4,6-Tribromophenol
Concen: 125.063 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG036925.D
Acq: 24 Sep 2018 19:49

Tgt Ion:330 Resp: 175182

Ion	Ratio	Lower	Upper
330	100		
332	98.5	75.4	113.2
141	38.2	30.7	46.1



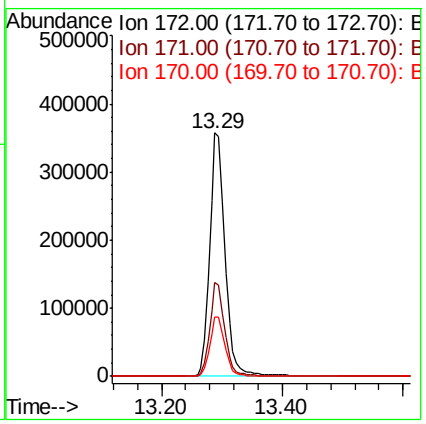


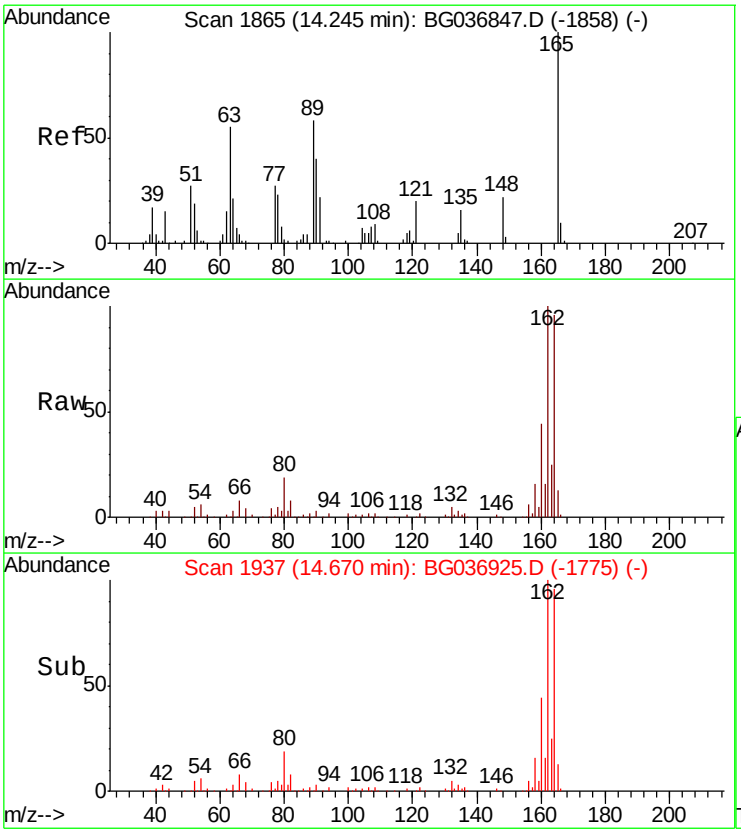
#44
2-Fluorobiphenyl
Concen: 80.232 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG036925.D
Acq: 24 Sep 2018 19:49

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

Tgt Ion:172 Resp: 630682

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	24.5	21.0	31.6

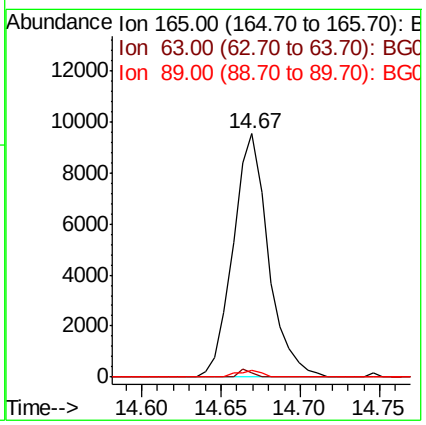


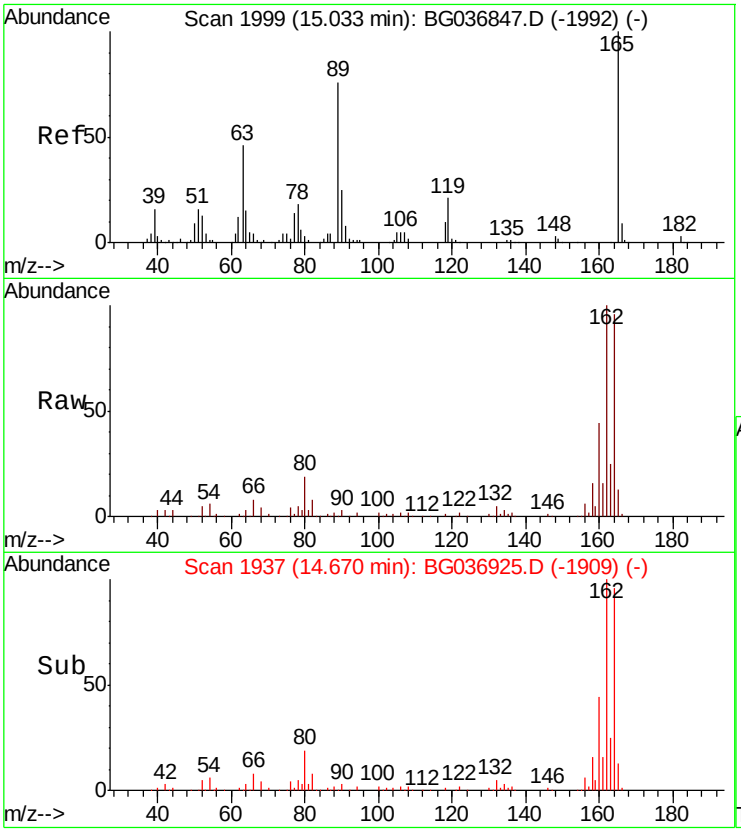


#50
2,6-Dinitrotoluene
Concen: 7.146 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.42 min
Lab File: BG036925.D
Acq: 24 Sep 2018 19:49

Tgt Ion:165 Resp: 14693

Ion	Ratio	Lower	Upper
165	100		
63	1.7	50.1	75.1#
89	2.5	47.8	71.6#



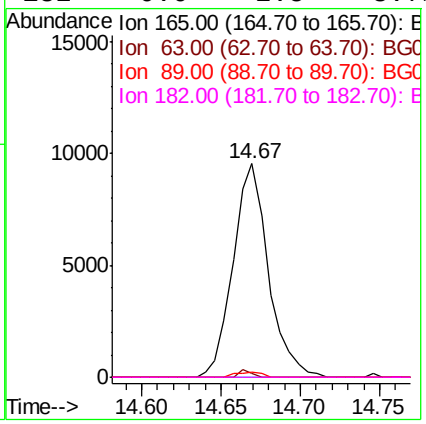


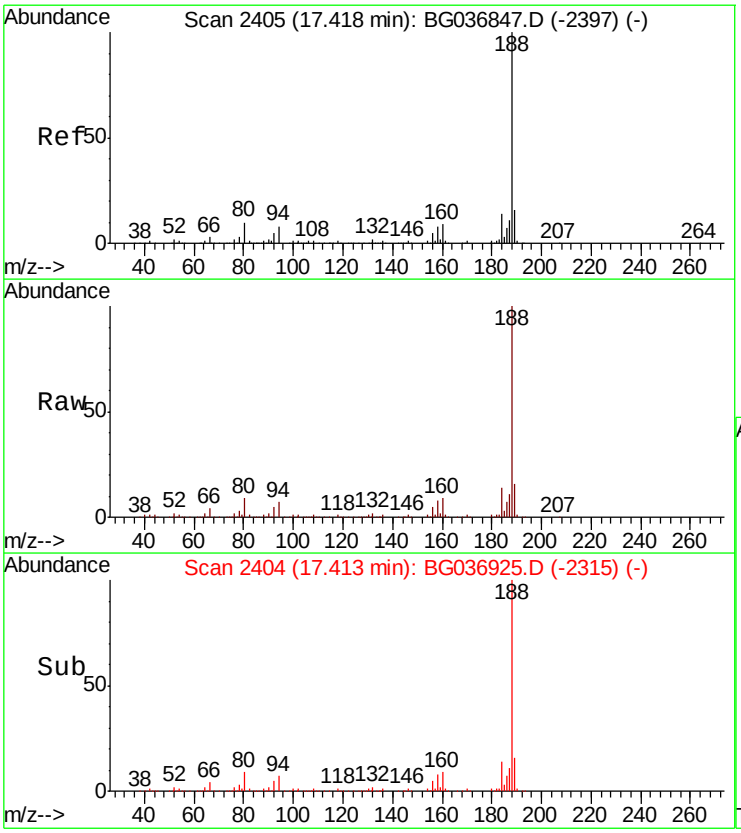
#56
2,4-Dinitrotoluene
Concen: 5.121 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.36 min
Lab File: BG036925.D
Acq: 24 Sep 2018 19:49

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

Tgt Ion:165 Resp: 14693

Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.1	60.1#
89	2.5	63.7	95.5#
182	0.0	2.5	3.7#

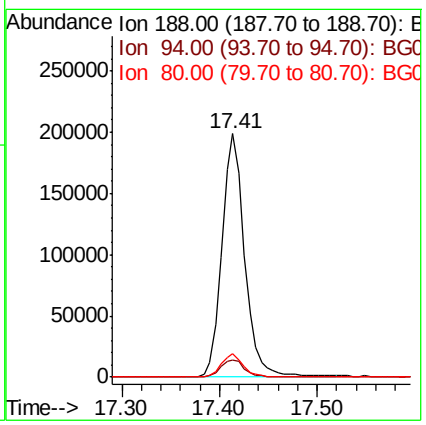


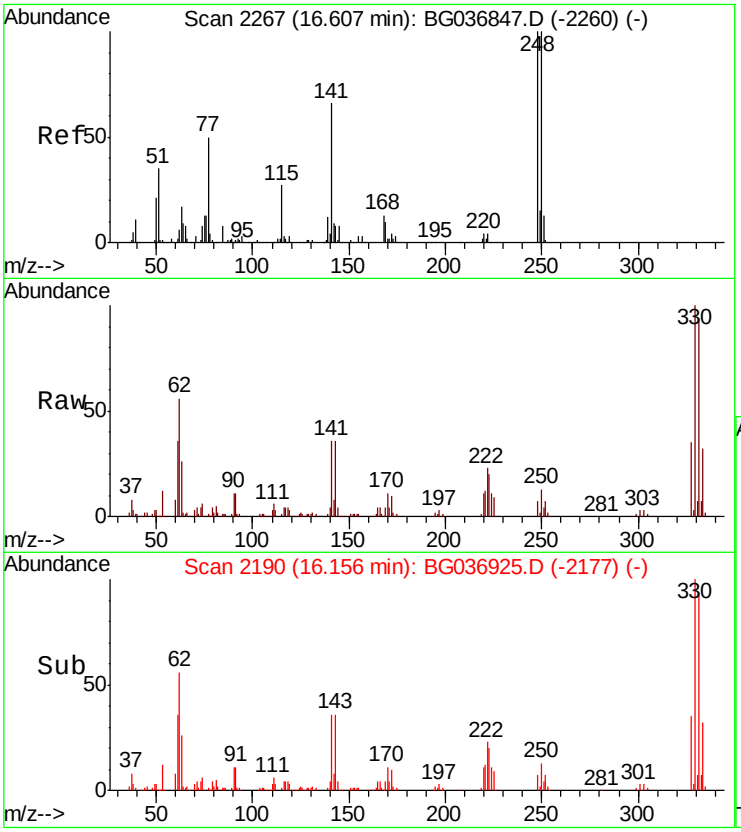


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036925.D
Acq: 24 Sep 2018 19:49

Tgt Ion:188 Resp: 321444

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.7	10.1
80	9.4	8.1	12.1



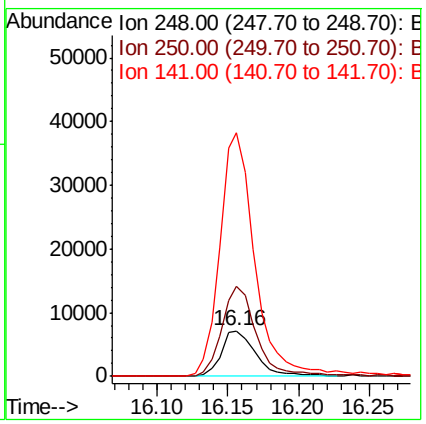


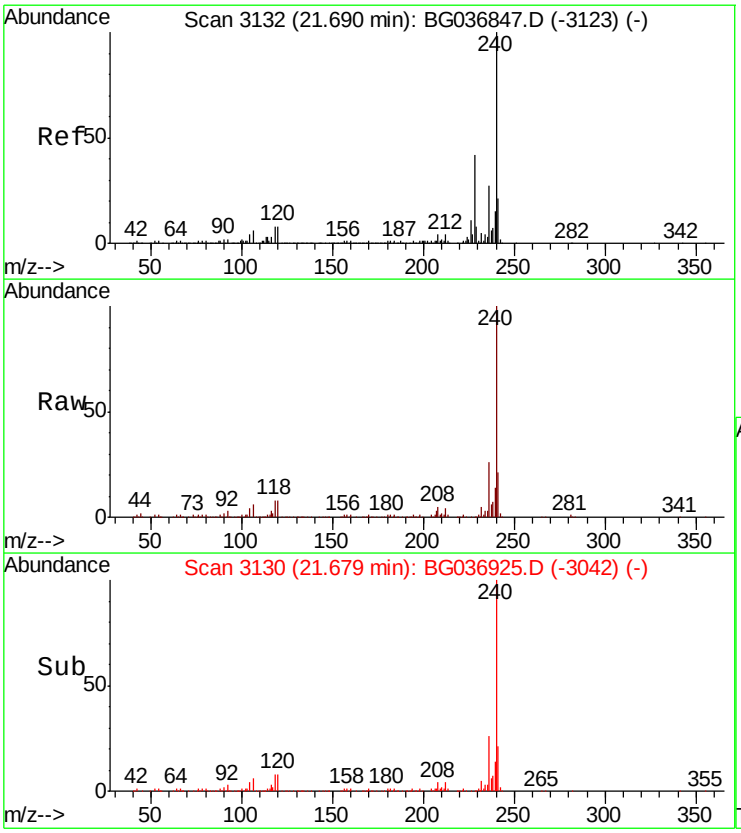
#66
4-Bromophenyl-phenylether
Concen: 3.322 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG036925.D
Acq: 24 Sep 2018 19:49

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

Tgt Ion:248 Resp: 12147

Ion	Ratio	Lower	Upper
248	100		
250	196.8	78.1	117.1#
141	535.6	53.7	80.5#

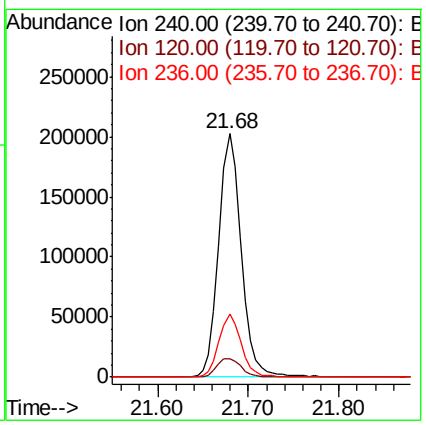


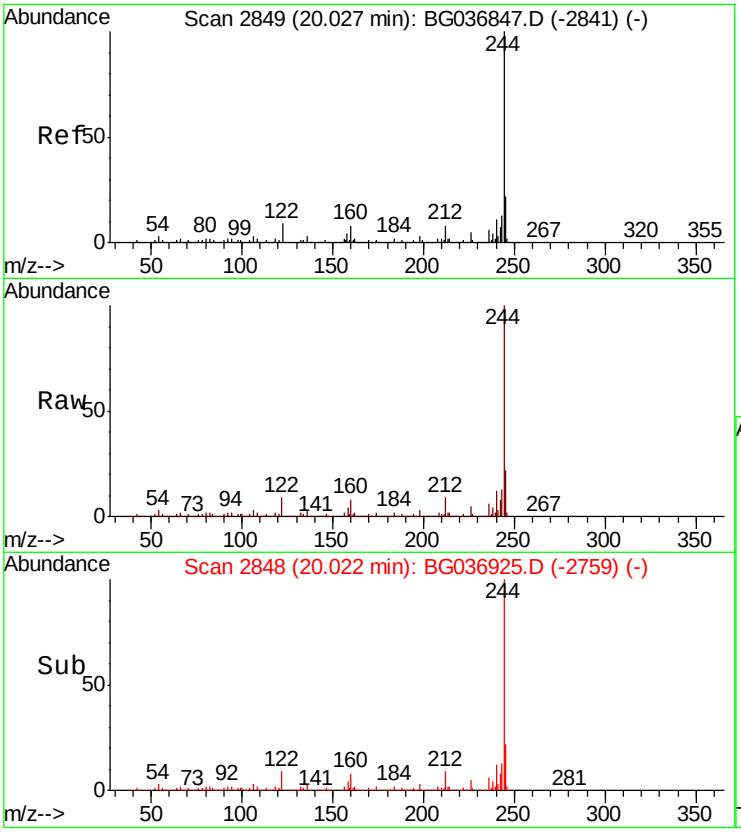


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036925.D
Acq: 24 Sep 2018 19:49

Tgt Ion:240 Resp: 350053

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.9	10.3
236	25.9	21.2	31.8



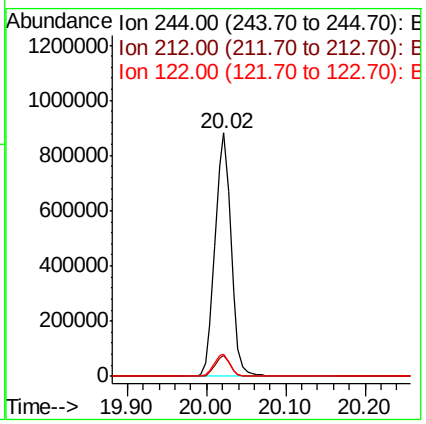


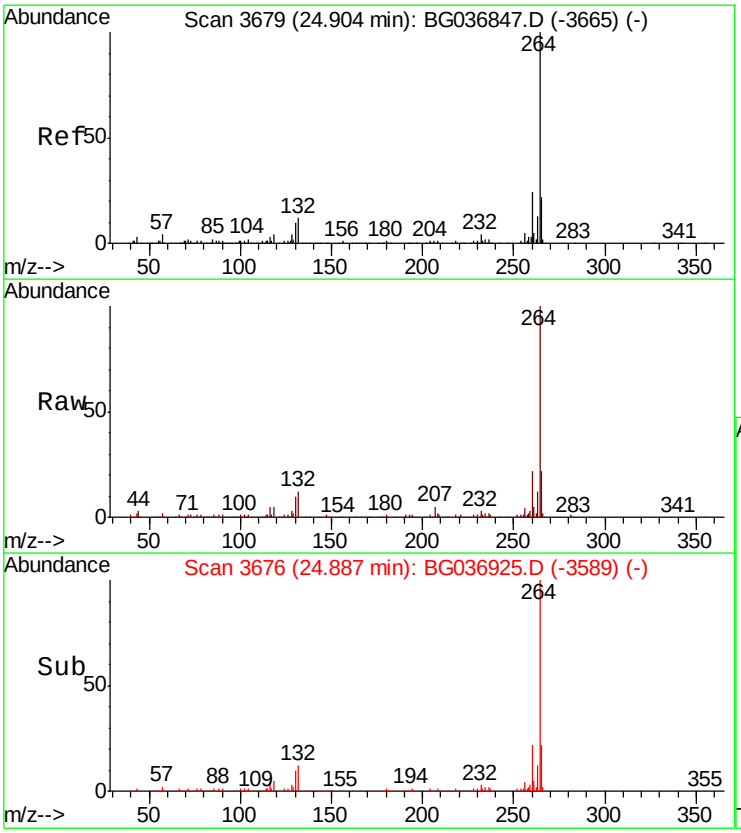
#78
Terphenyl-d14
Concen: 93.115 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BG036925.D
Acq: 24 Sep 2018 19:49

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

Tgt Ion:244 Resp: 1239602

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.1	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036925.D
Acq: 24 Sep 2018 19:49

Tgt Ion:264 Resp: 344434

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.6	29.4
265	21.5	17.4	26.0