Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
Data File : BG036466.D
Acq On : 28 Aug 2018 20:17
Operator : JU/SJ
Sample : J4276-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-02-082718

Quant Time: Aug 29 01:06:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	62431	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	255877	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	167049	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	430165	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	468530	20.00	ng	-0.01
86) Perylene-d12	24.91	264	467890	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	528507	134.29	ng	0.00
7) Phenol-d6	7.22	99	680680	120.80	ng	0.00
23) Nitrobenzene-d5	9.22	82	490527	104.01	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	323229	162.16	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1113378	95.16	ng	-0.01
78) Terphenyl-d14	20.04	244	1904792	95.02	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	66484	15.787	ng	# 72
50) 2,6-Dinitrotoluene	14.68	165	21465	7.647	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	21465	5.868	ng	# 20
66) 4-Bromophenyl-phenylether	16.18	248	22623	4.492	ng	# 1
76) Benzidine	20.04	184	35702	2.388	ng	# 95

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

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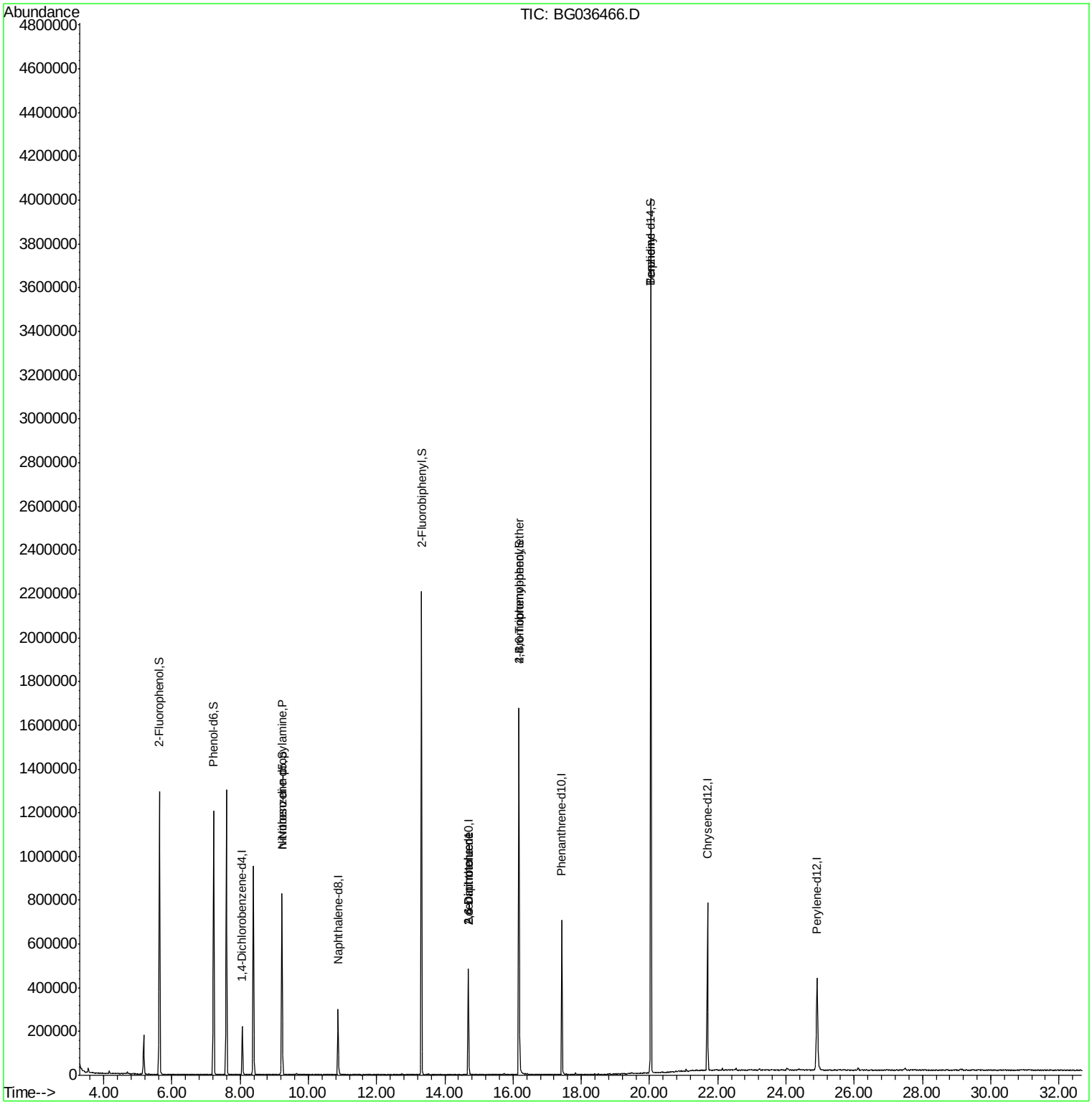
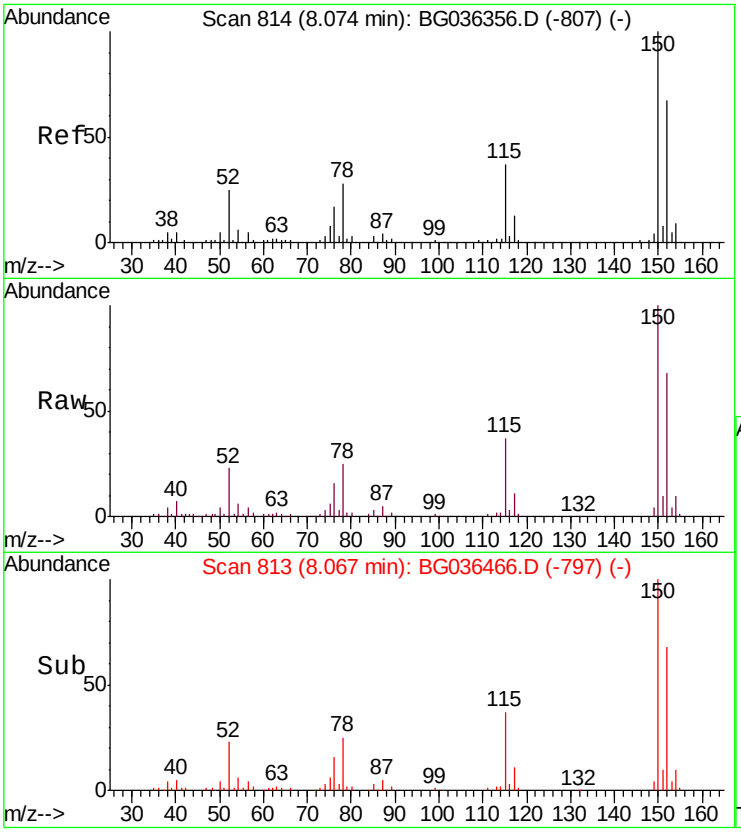


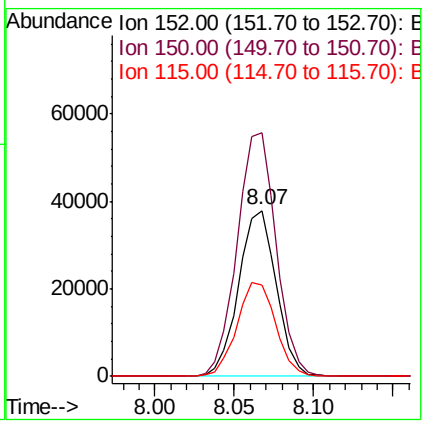


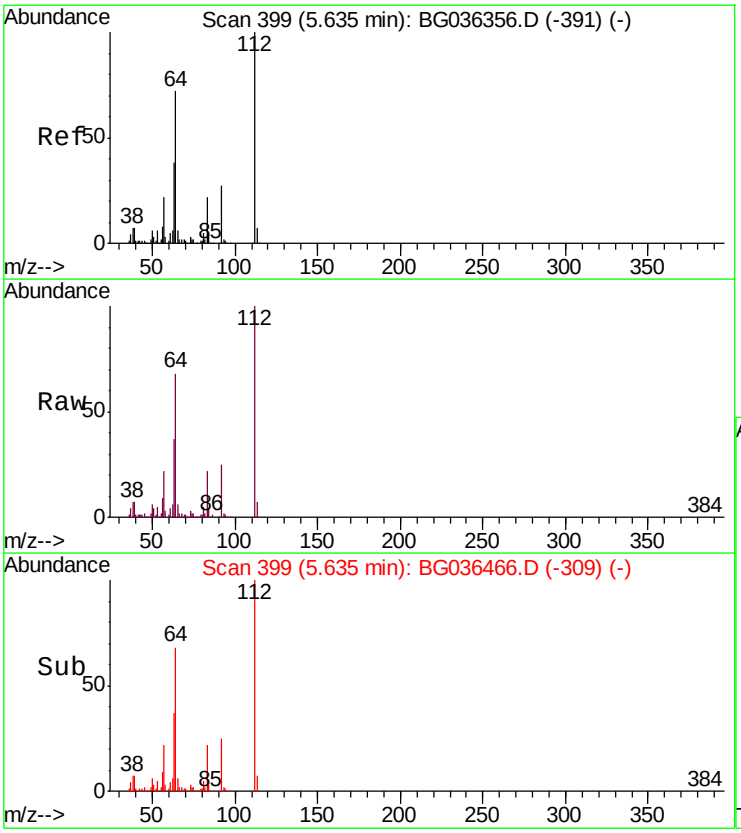
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Instrument :
BNA_G
ClientSampleId :
OK-02-082718

Tgt Ion:152 Resp: 62431

Ion	Ratio	Lower	Upper
152	100		
150	147.0	119.5	179.3
115	54.9	44.5	66.7

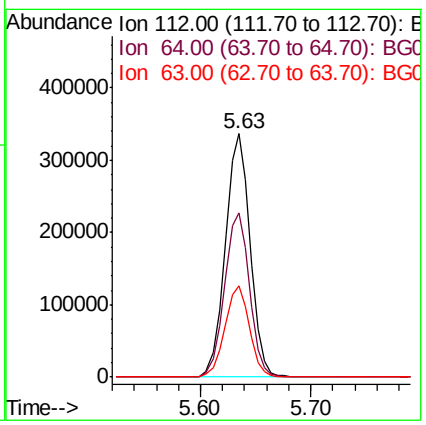


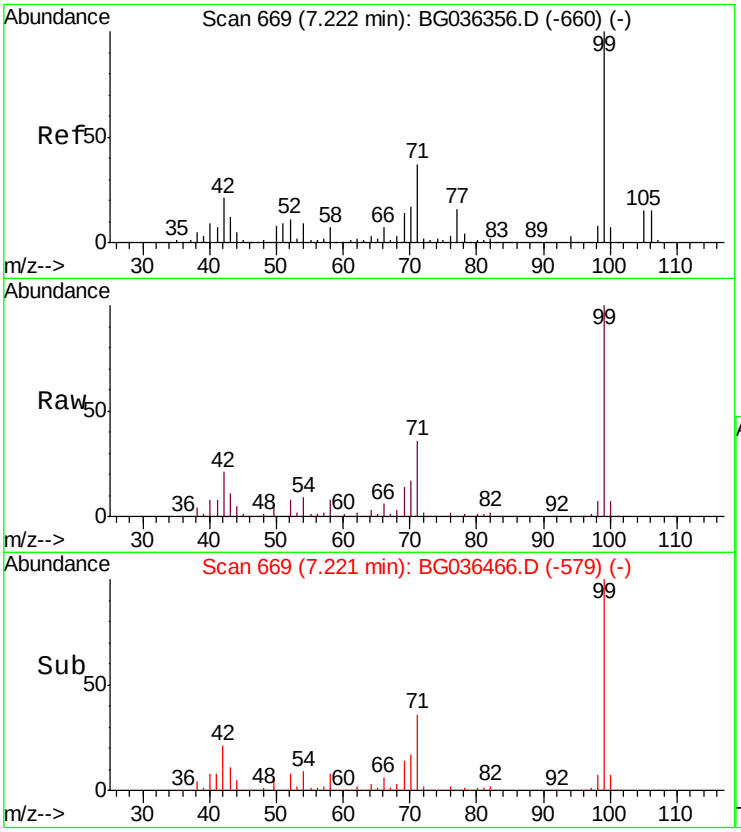


#5
2-Fluorophenol
Concen: 134.287 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Tgt Ion:112 Resp: 528507

Ion	Ratio	Lower	Upper
112	100		
64	67.5	57.2	85.8
63	37.3	30.8	46.2



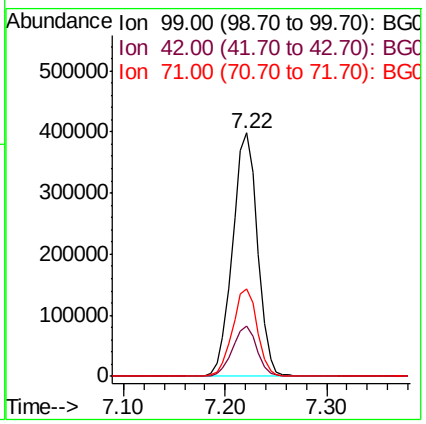


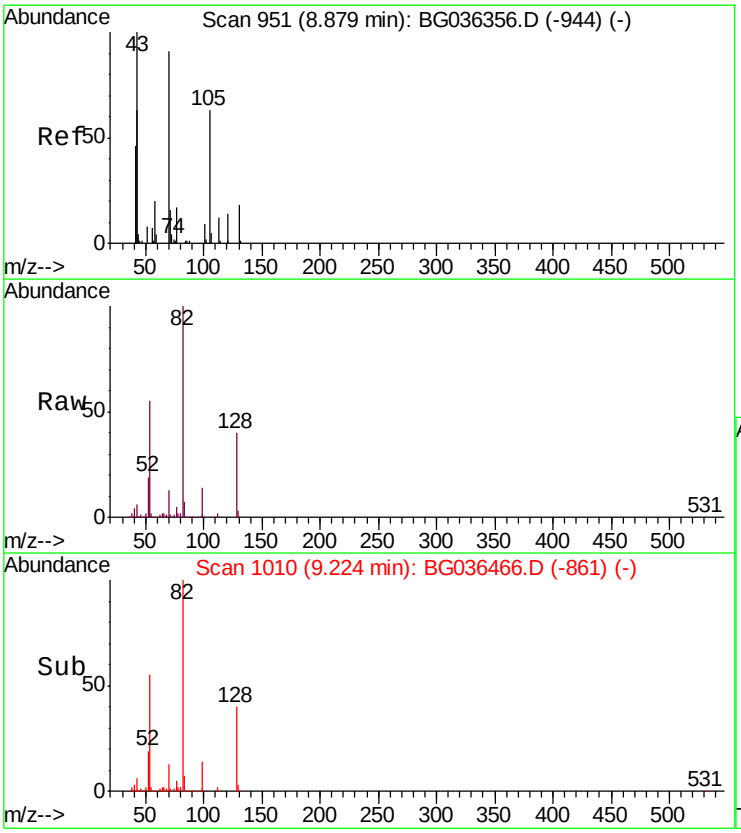
#7
Phenol-d6
Concen: 120.798 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Instrument :
BNA_G
ClientSampleId :
OK-02-082718

Tgt Ion: 99 Resp: 680680

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.5	24.7
71	35.8	29.4	44.2

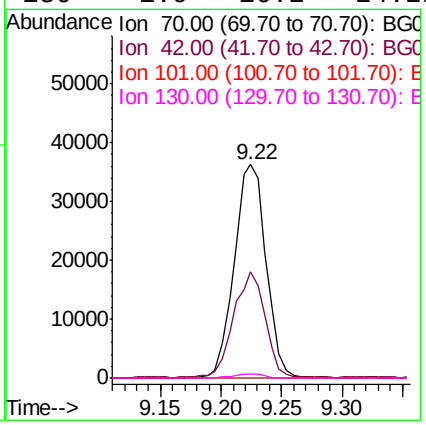


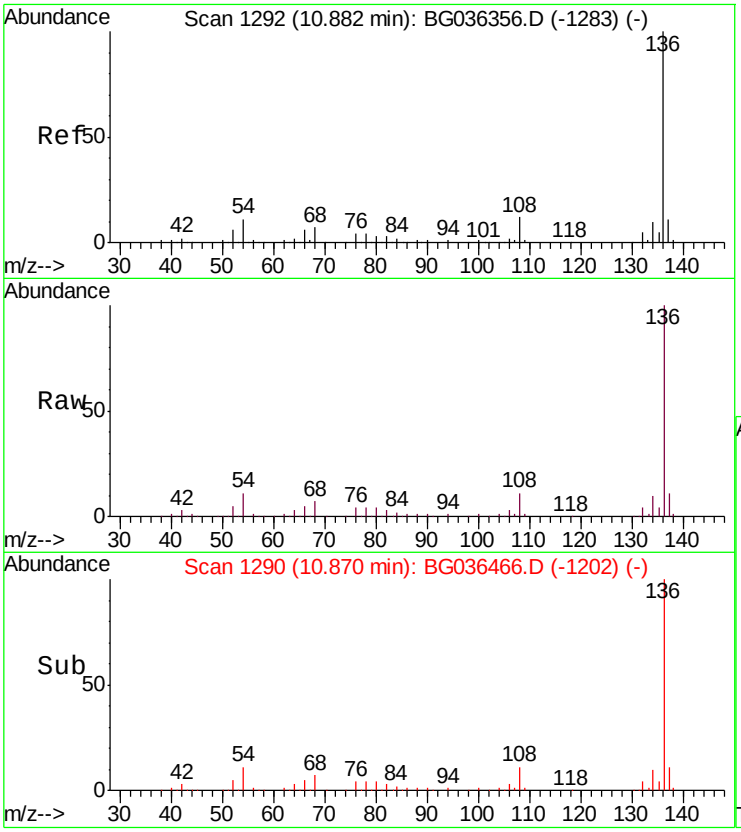


#19
n-Nitroso-di-n-propylamine
Concen: 15.787 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.35 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Tgt Ion: 70 Resp: 66484

Ion	Ratio	Lower	Upper
70	100		
42	50.0	56.2	84.4#
101	0.0	7.8	11.6#
130	1.9	16.2	24.2#



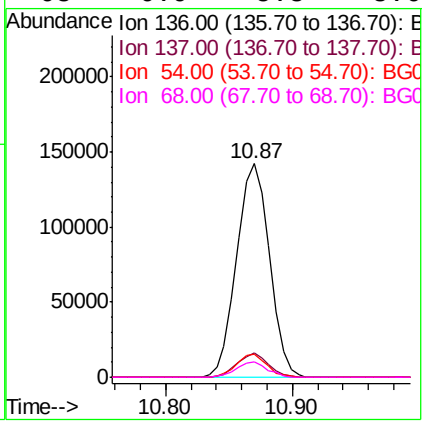


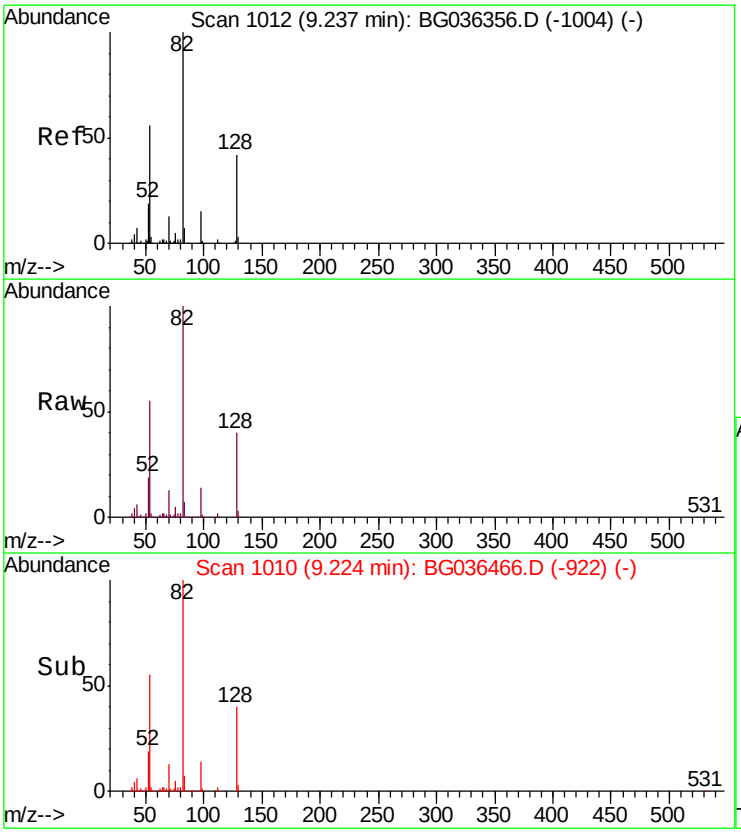
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Instrument :
BNA_G
ClientSampleId :
OK-02-082718

Tgt Ion:136 Resp: 255877

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.8	9.2	13.8
68	6.9	5.8	8.6

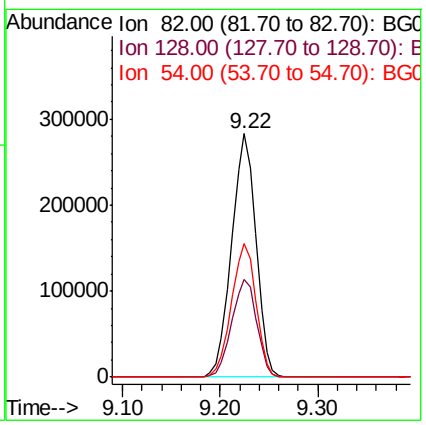


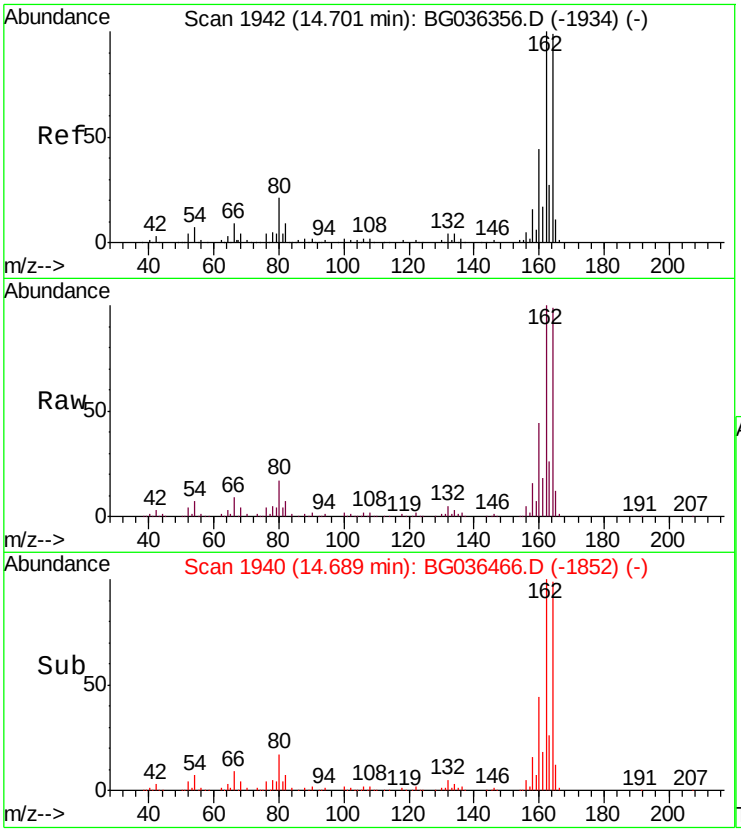


#23
Nitrobenzene-d5
Concen: 104.012 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Tgt Ion: 82 Resp: 490527

Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.3	49.9
54	54.9	45.1	67.7



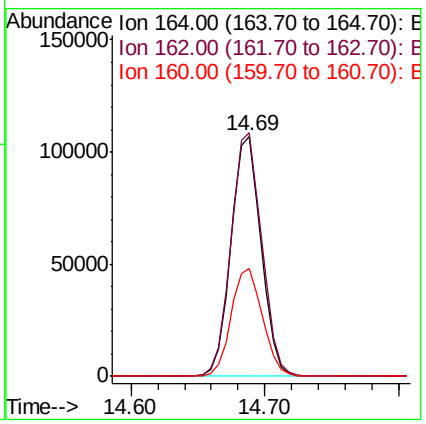


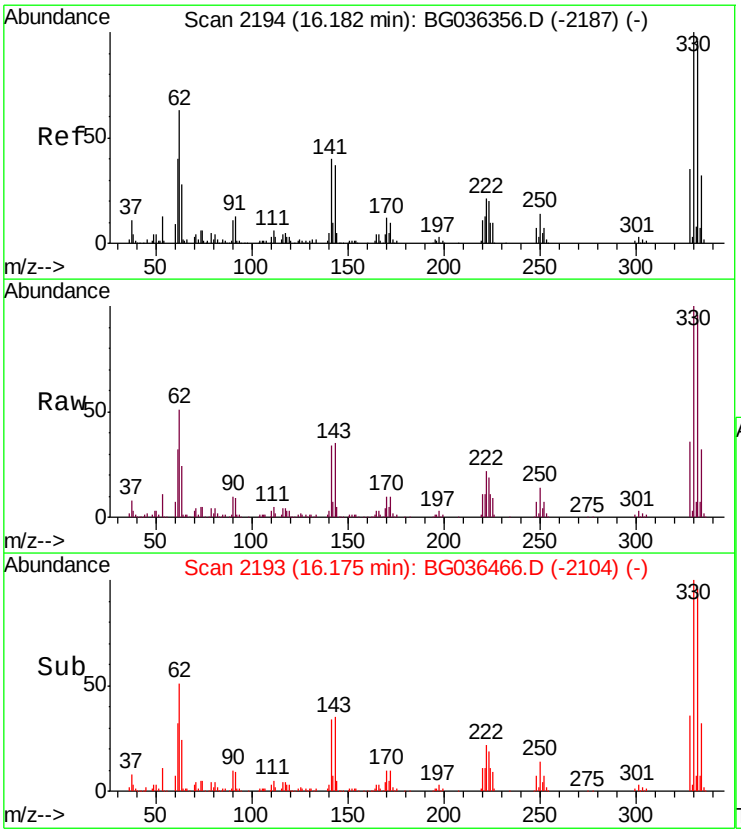
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Instrument :
BNA_G
ClientSampleId :
OK-02-082718

Tgt Ion:164 Resp: 167049

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.7	121.1
160	44.7	35.3	52.9

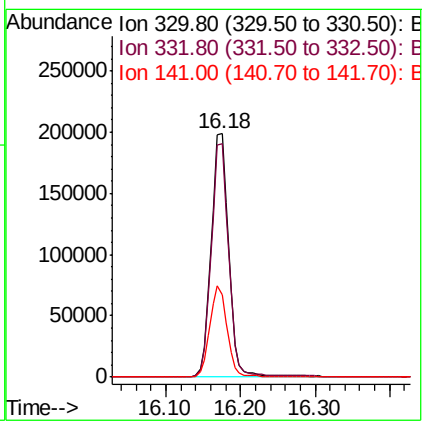


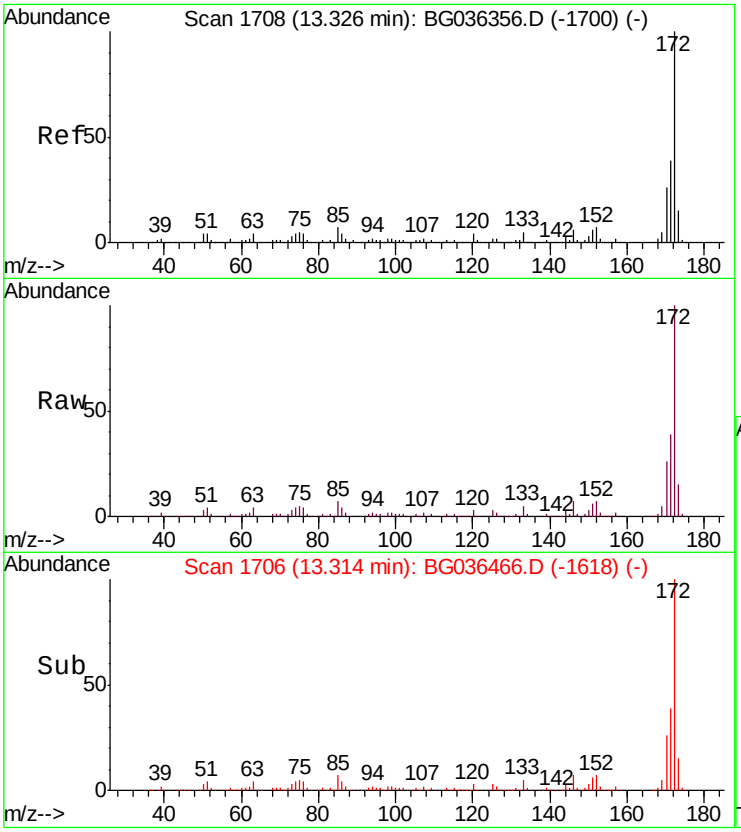


#41
2,4,6-Tribromophenol
Concen: 162.160 ng
RT: 16.18 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Tgt Ion:330 Resp: 323229

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.4	113.2
141	37.0	30.7	46.1



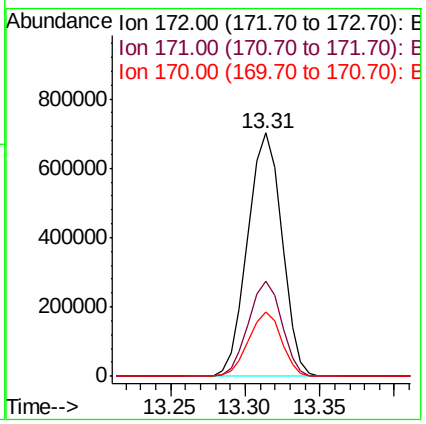


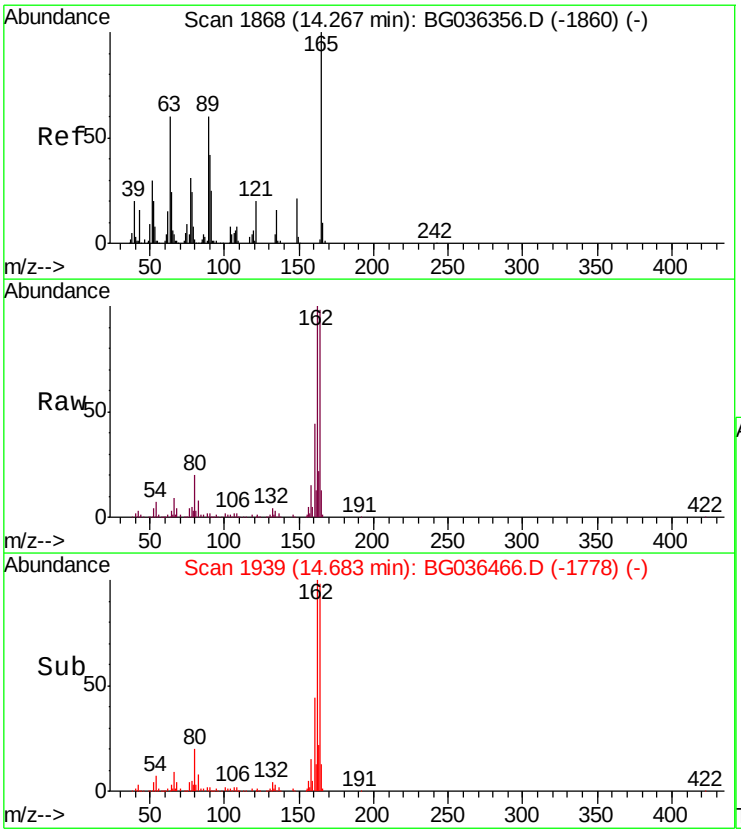
#44
2-Fluorobiphenyl
Concen: 95.164 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Instrument :
BNA_G
ClientSampleId :
OK-02-082718

Tgt Ion:172 Resp: 1113378

Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	26.2	21.0	31.6

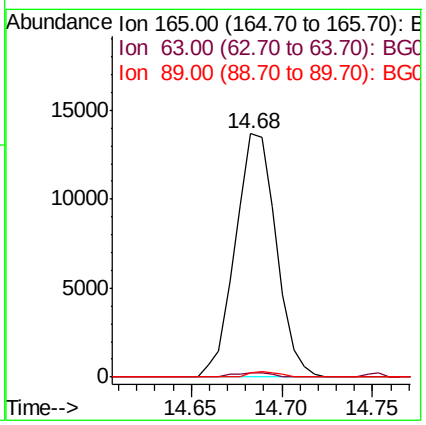


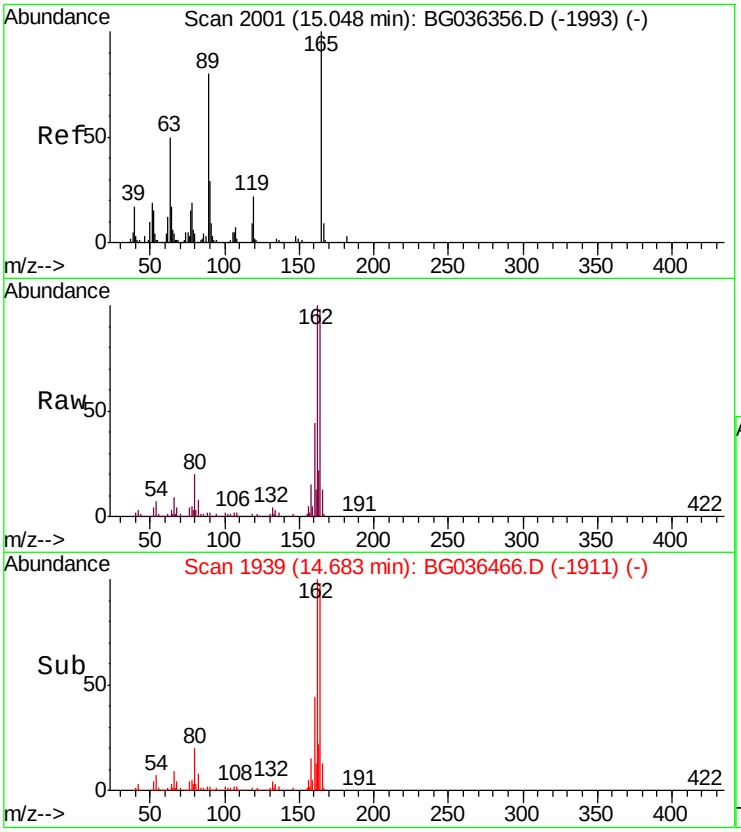


#50
2,6-Dinitrotoluene
Concen: 7.647 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.42 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Tgt Ion:165 Resp: 21465

Ion	Ratio	Lower	Upper
165	100		
63	1.7	50.1	75.1#
89	1.5	47.8	71.6#



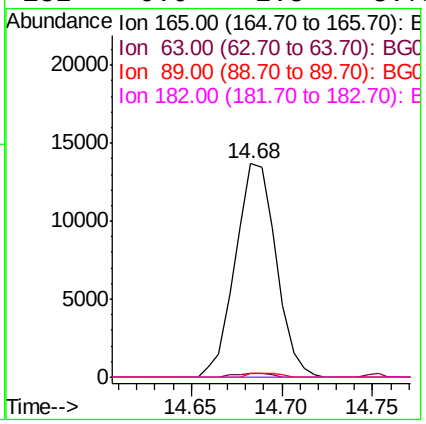


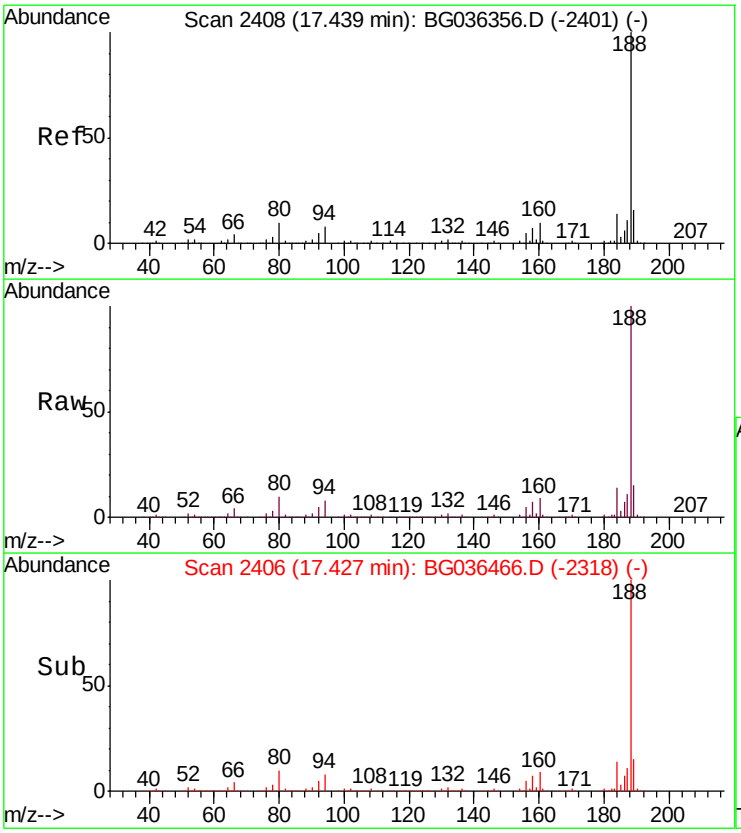
#56
2,4-Dinitrotoluene
Concen: 5.868 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Instrument :
BNA_G
ClientSampleId :
OK-02-082718

Tgt Ion:165 Resp: 21465

Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.1	60.1#
89	1.5	63.7	95.5#
182	0.0	2.5	3.7#

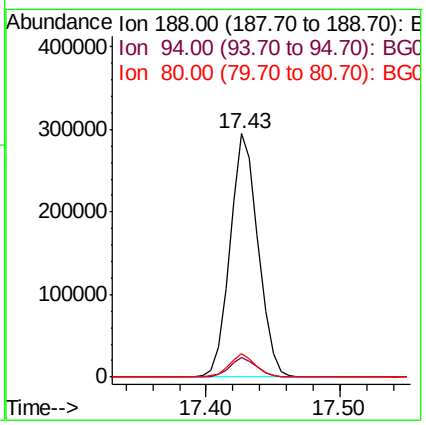


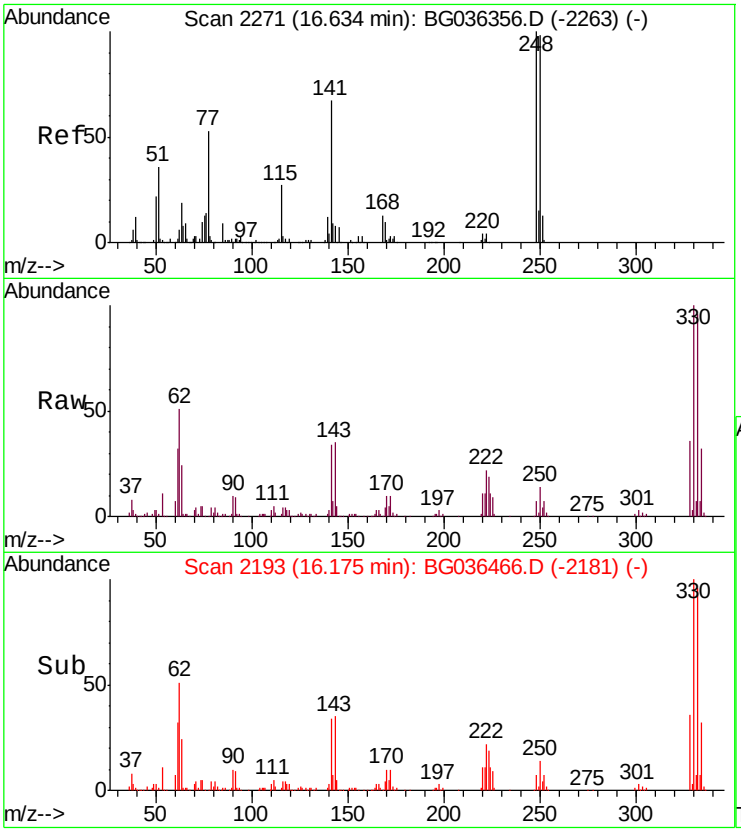


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Tgt Ion:188 Resp: 430165

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	9.8	8.1	12.1



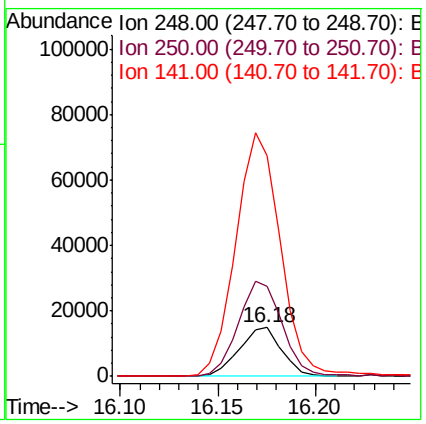


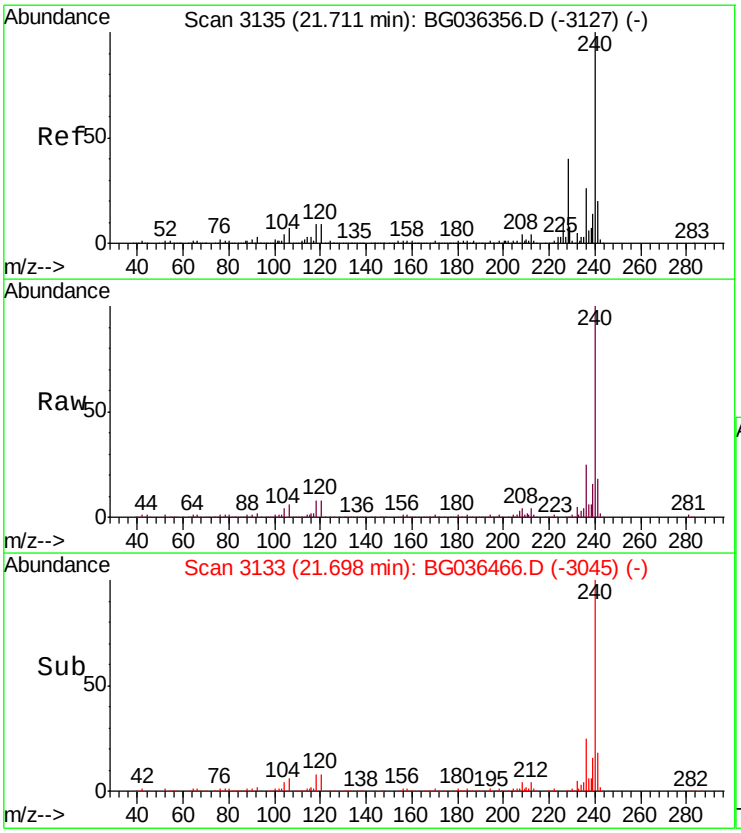
#66
4-Bromophenyl-phenylether
Concen: 4.492 ng
RT: 16.18 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Instrument :
BNA_G
ClientSampleId :
OK-02-082718

Tgt Ion:248 Resp: 22623

Ion	Ratio	Lower	Upper
248	100		
250	186.9	78.1	117.1#
141	455.8	53.7	80.5#

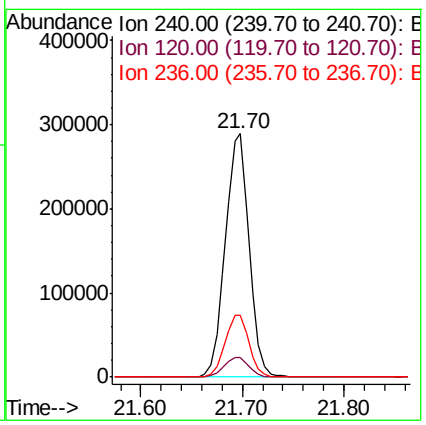


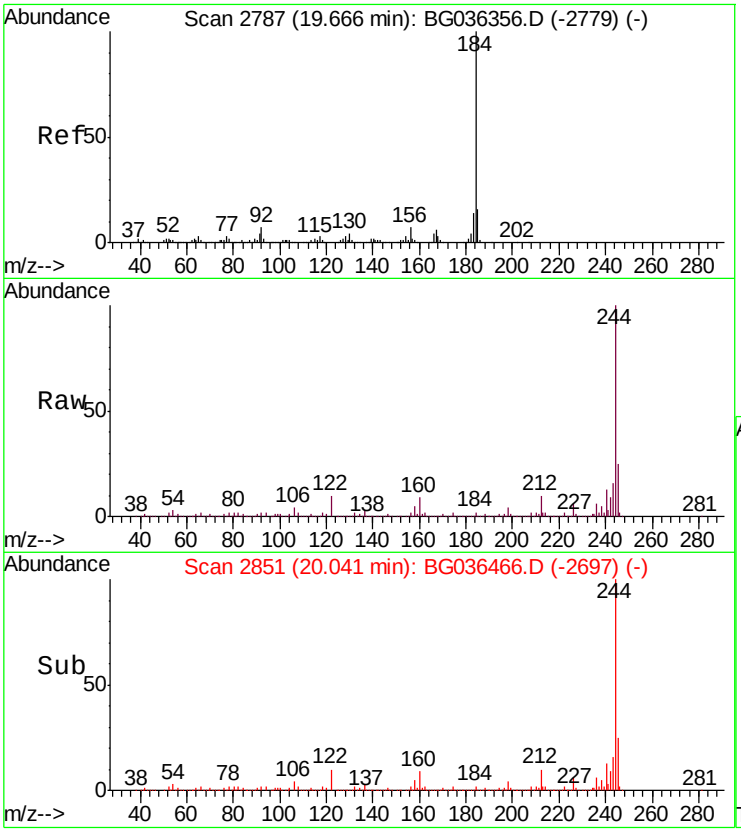


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Tgt Ion:240 Resp: 468530

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.9	10.3
236	25.4	21.2	31.8



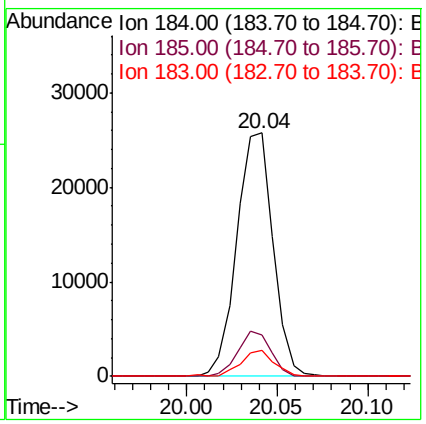


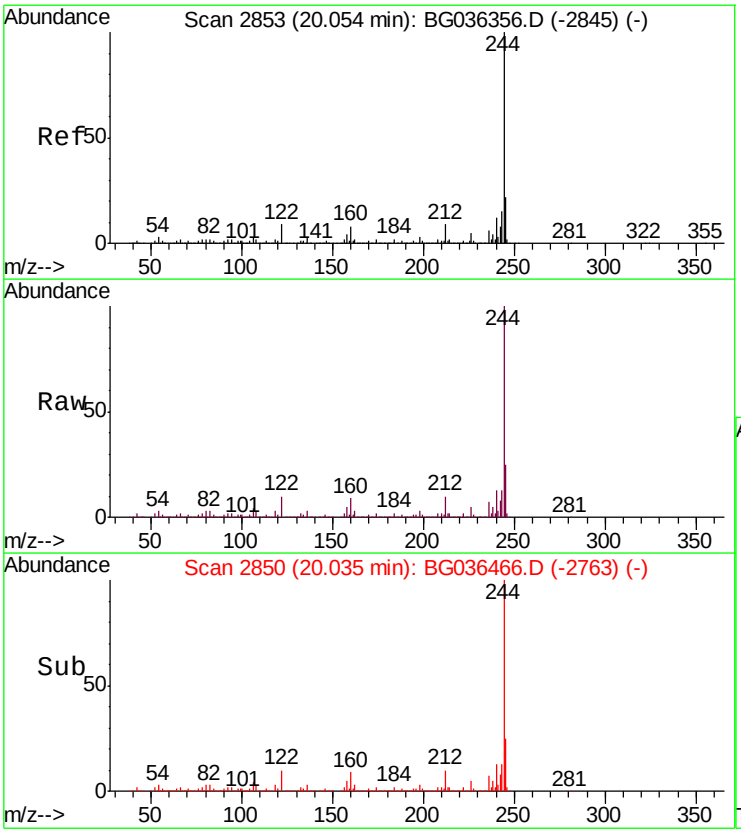
#76
Benzidine
Concen: 2.388 ng
RT: 20.04 min Scan# 2851
Delta R.T. 0.38 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Instrument :
BNA_G
ClientSampleId :
OK-02-082718

Tgt Ion:184 Resp: 35702

Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.6	18.8
183	10.5	10.9	16.3#

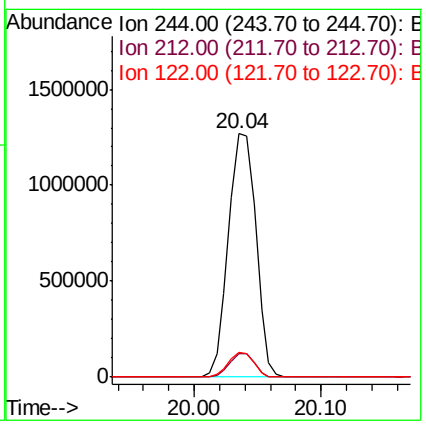


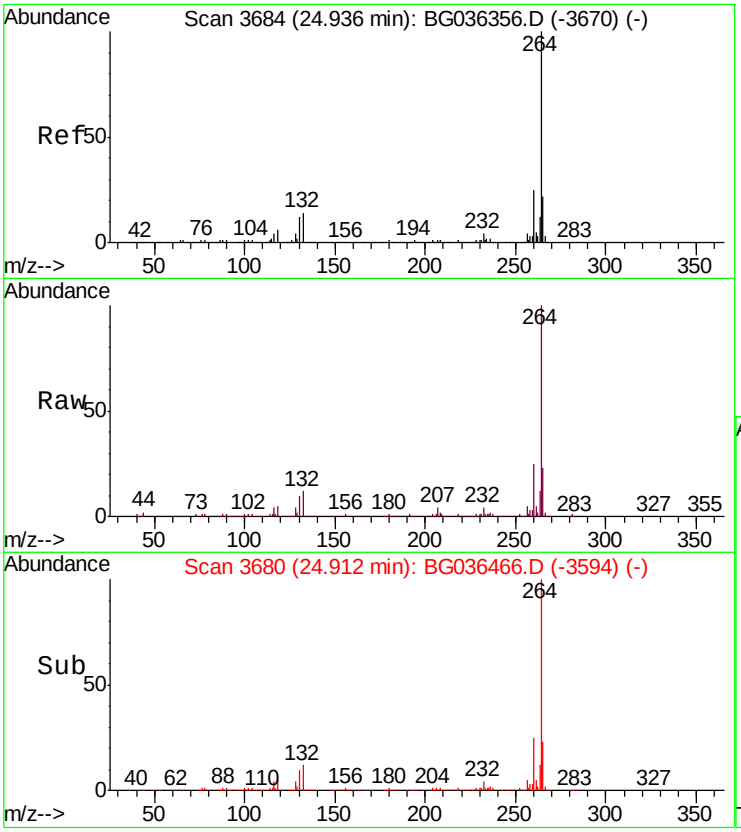


#78
Terphenyl-d14
Concen: 95.024 ng
RT: 20.04 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Tgt Ion:244 Resp: 1904792

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.0	10.6
122	10.2	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.02 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Instrument :
BNA_G
ClientSampleId :
OK-02-082718

Tgt Ion:264 Resp: 467890

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.6	29.4
265	22.8	17.4	26.0