Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG091718\
Data File : BG036772.D
Acq On : 18 Sep 2018 4:03
Operator : JU/SJ
Sample : J4774-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-01-091418

Quant Time: Sep 18 07:12:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	57734	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	230844	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	148777	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	370969	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	384823	20.00	ng	-0.01
86) Perylene-d12	24.89	264	379363	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	385067	105.80	ng	0.00
7) Phenol-d6	7.21	99	497289	95.43	ng	-0.01
23) Nitrobenzene-d5	9.21	82	372042	87.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	234985	132.37	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	824115	79.09	ng	-0.01
78) Terphenyl-d14	20.03	244	1381150	83.89	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	49179	12.628	ng	# 74
50) 2,6-Dinitrotoluene	14.67	165	18685	7.475	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	18685	5.735	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	16035	3.692	ng	# 1

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

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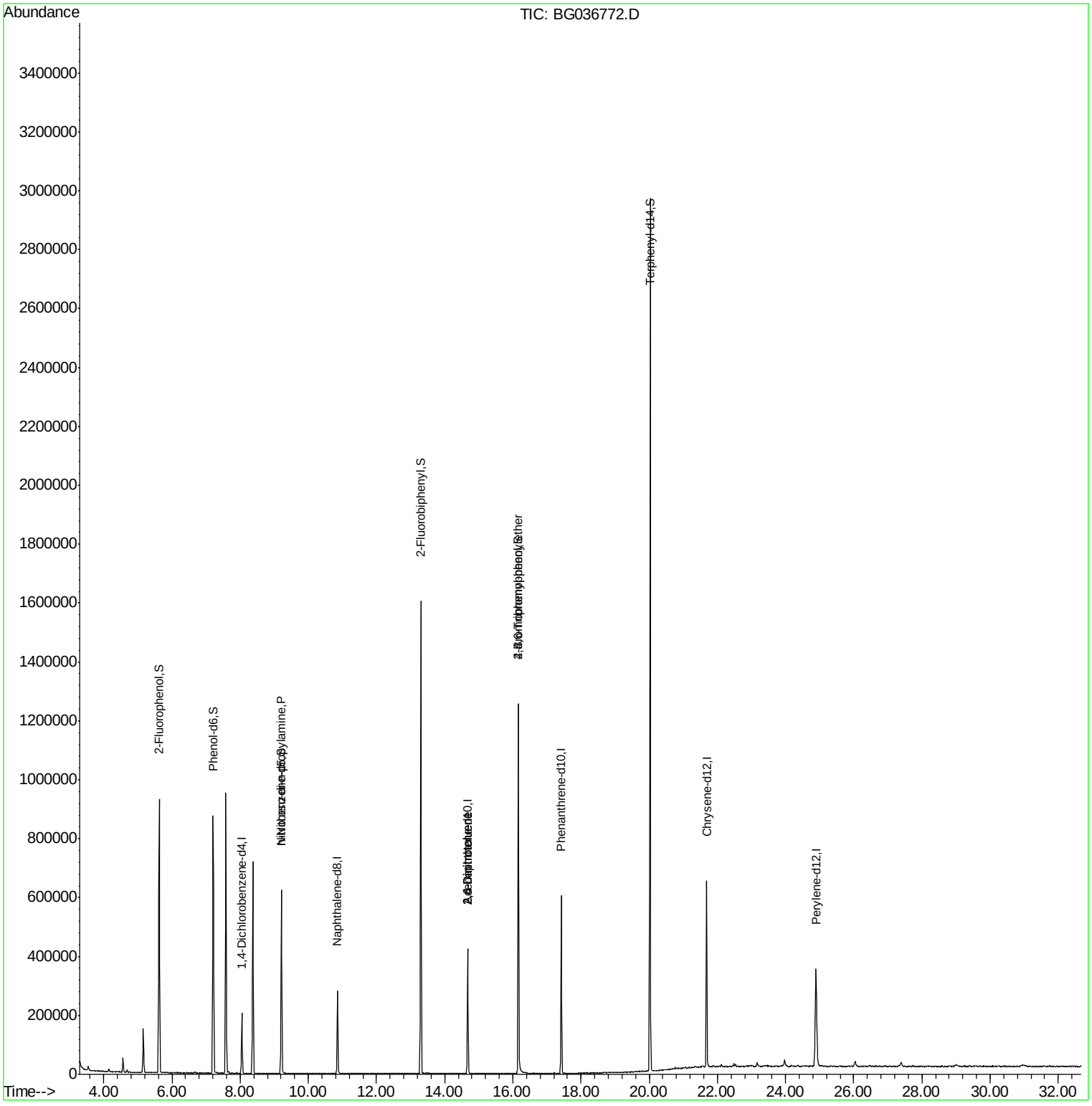
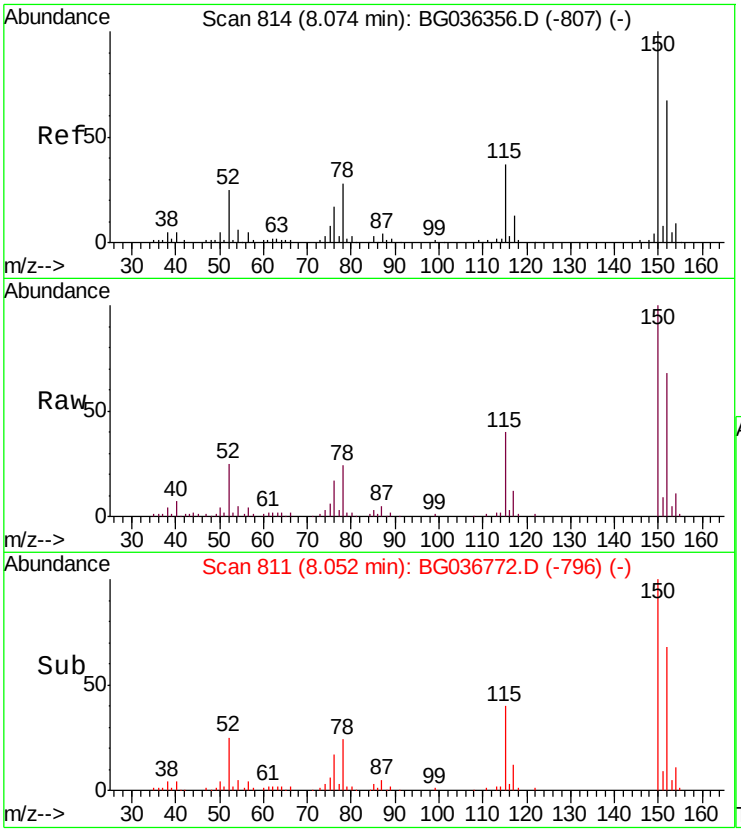


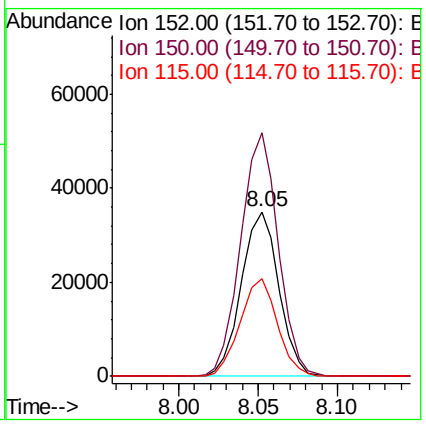


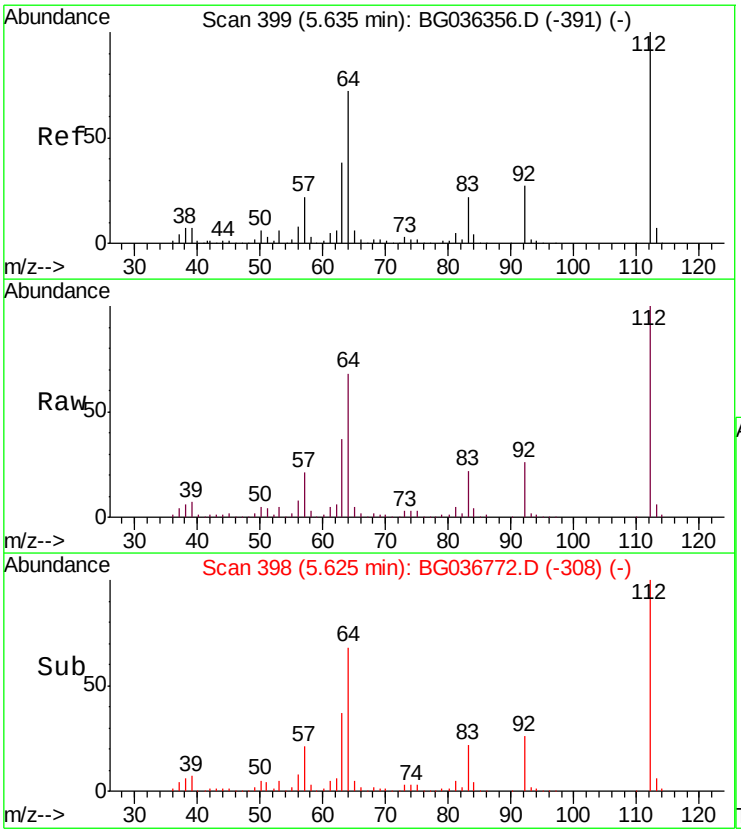
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036772.D
Acq: 18 Sep 2018 4:03

Instrument :
BNA_G
ClientSampleId :
OK-01-091418

Tgt Ion:152 Resp: 57734

Ion	Ratio	Lower	Upper
152	100		
150	148.1	119.5	179.3
115	59.5	44.5	66.7

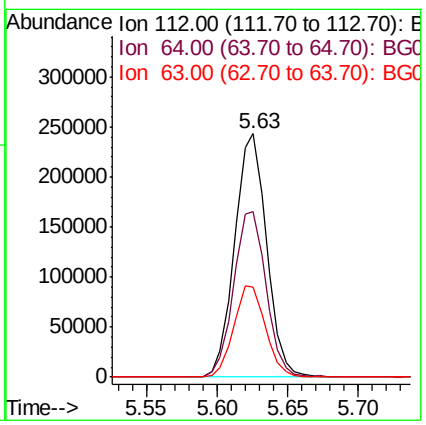


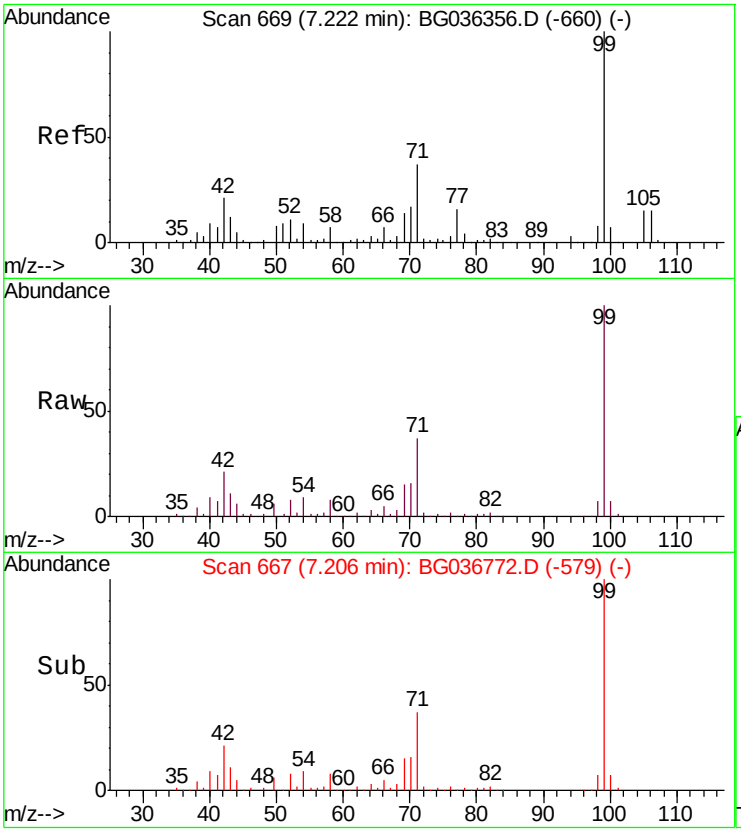


#5
2-Fluorophenol
Concen: 105.801 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036772.D
Acq: 18 Sep 2018 4:03

Tgt Ion:112 Resp: 385067

Ion	Ratio	Lower	Upper
112	100		
64	68.2	57.2	85.8
63	36.7	30.8	46.2



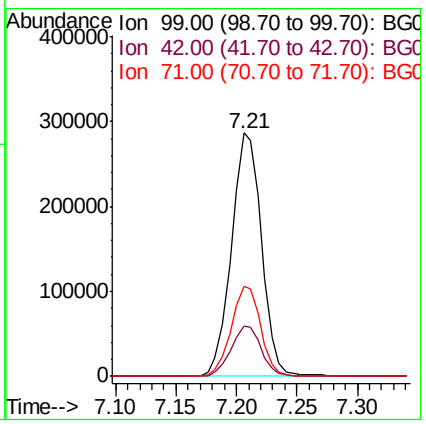


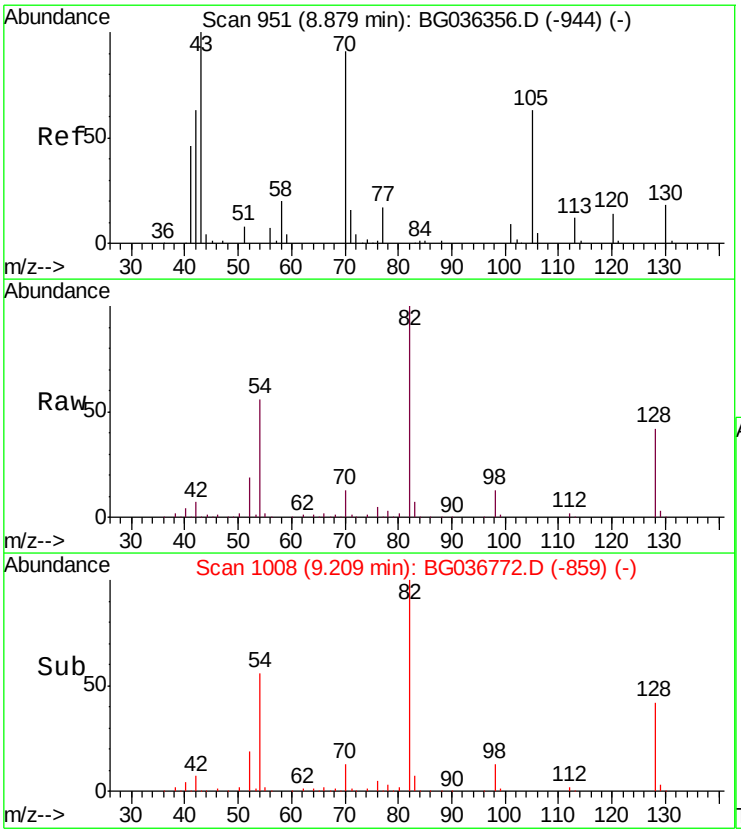
#7
Phenol-d6
Concen: 95.432 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036772.D
Acq: 18 Sep 2018 4:03

Instrument :
BNA_G
ClientSampleId :
OK-01-091418

Tgt Ion: 99 Resp: 497289

Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.5	24.7
71	37.0	29.4	44.2

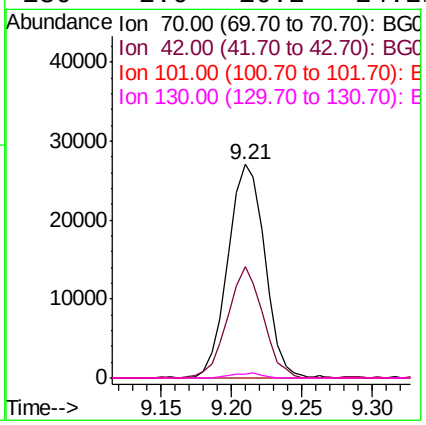


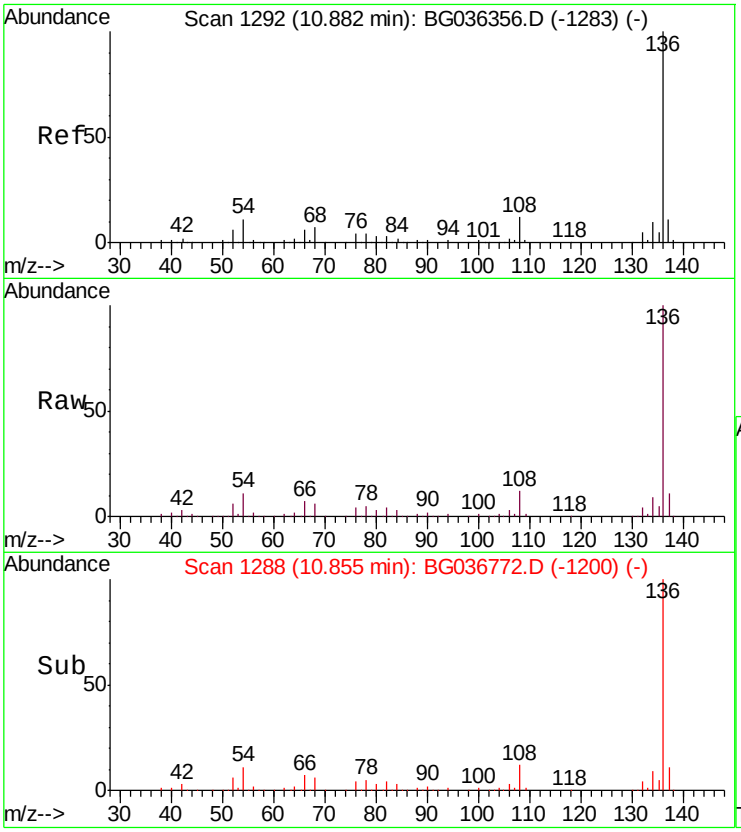


#19
n-Nitroso-di-n-propylamine
Concen: 12.628 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.35 min
Lab File: BG036772.D
Acq: 18 Sep 2018 4:03

Tgt Ion: 70 Resp: 49179

Ion	Ratio	Lower	Upper
70	100		
42	52.2	56.2	84.4#
101	0.0	7.8	11.6#
130	2.0	16.2	24.2#



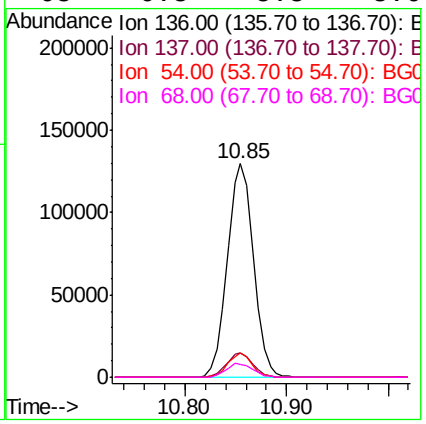


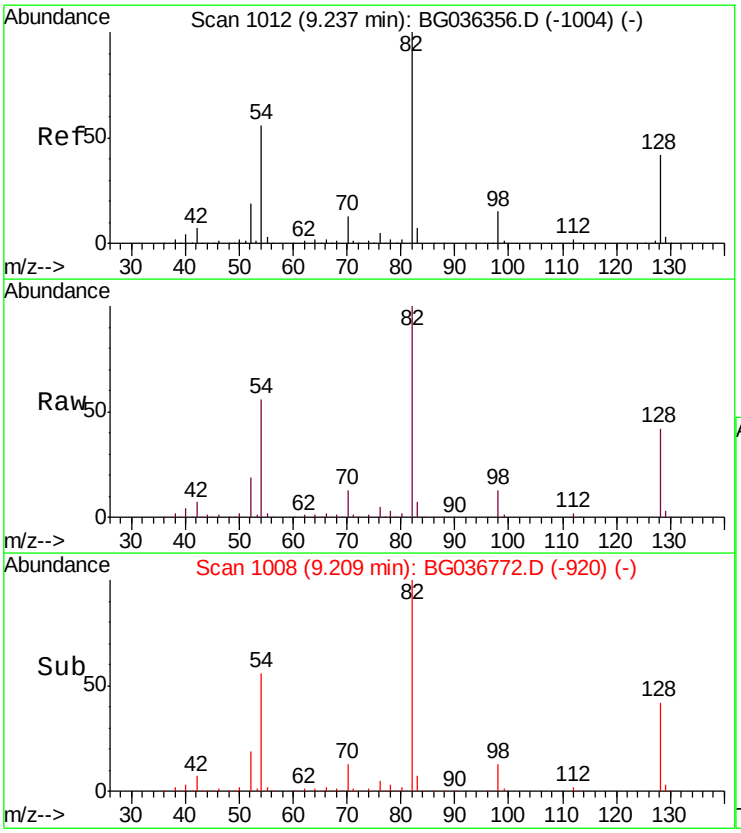
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036772.D
Acq: 18 Sep 2018 4:03

Instrument :
BNA_G
ClientSampleId :
OK-01-091418

Tgt Ion:136 Resp: 230844

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.2	9.2	13.8
68	6.3	5.8	8.6

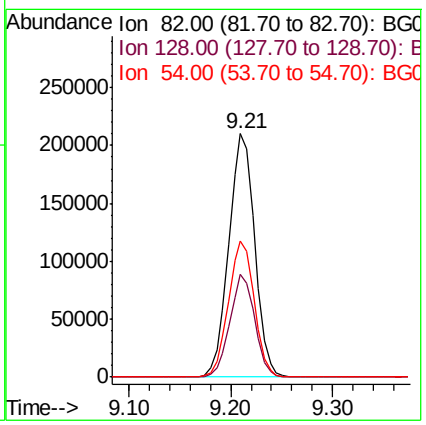


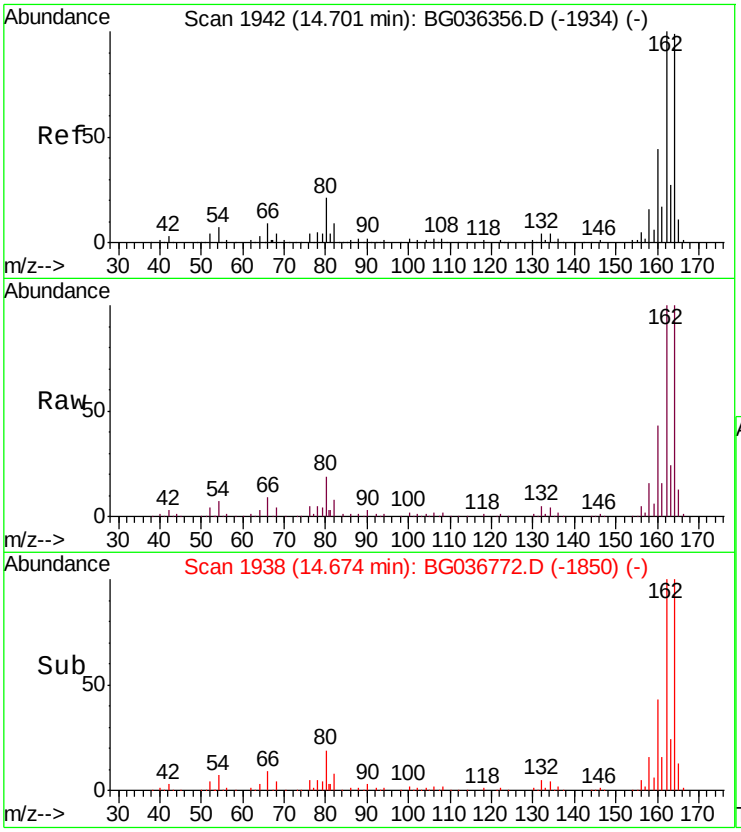


#23
Nitrobenzene-d5
Concen: 87.443 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036772.D
Acq: 18 Sep 2018 4:03

Tgt Ion: 82 Resp: 372042

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.3	49.9
54	56.0	45.1	67.7



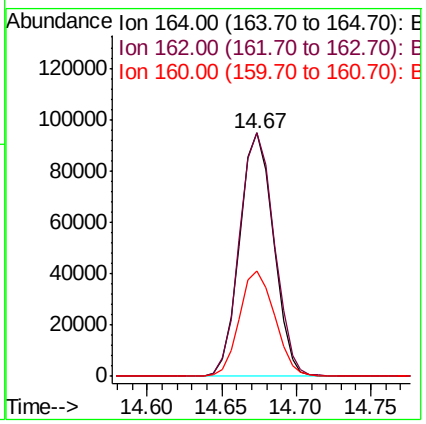


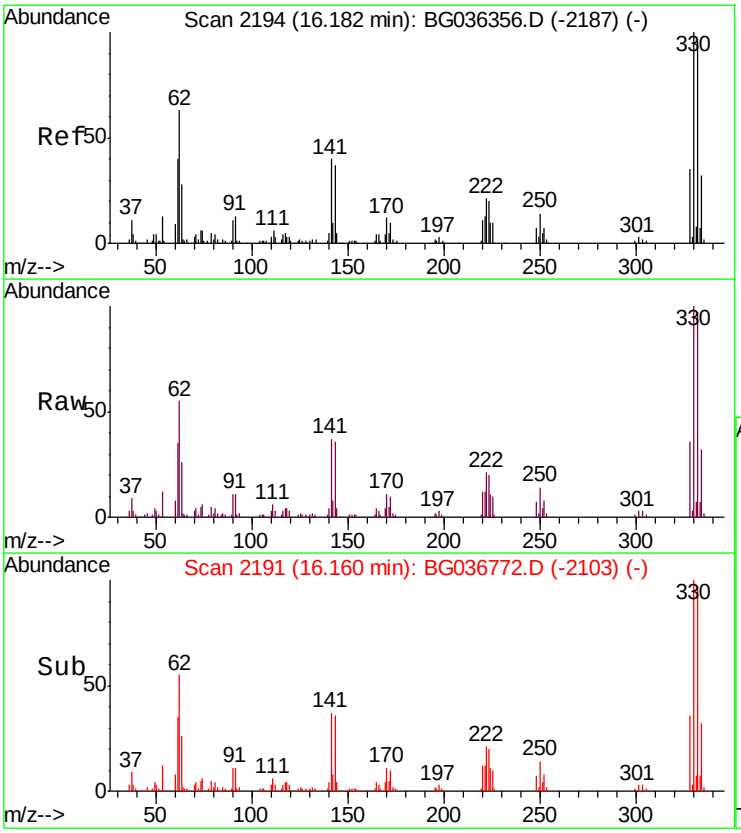
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036772.D
Acq: 18 Sep 2018 4:03

Instrument :
BNA_G
ClientSampleId :
OK-01-091418

Tgt Ion:164 Resp: 148777

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.7	121.1
160	43.2	35.3	52.9

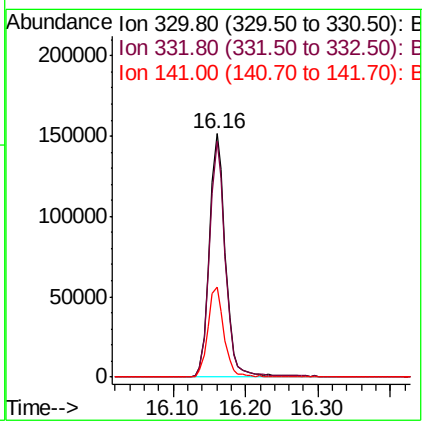


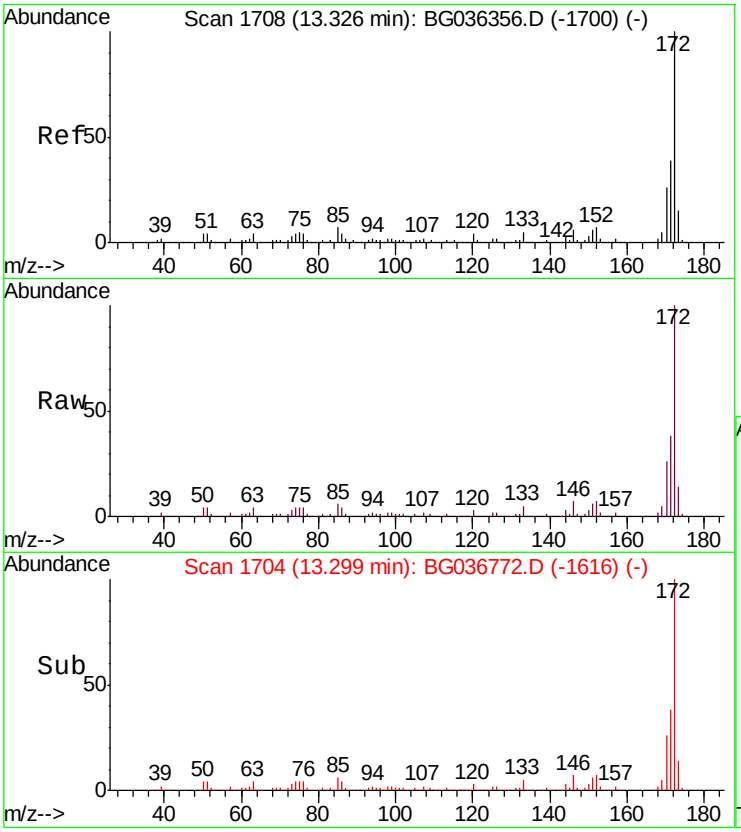


#41
2,4,6-Tribromophenol
Concen: 132.368 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036772.D
Acq: 18 Sep 2018 4:03

Tgt Ion:330 Resp: 234985

Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.4	113.2
141	36.8	30.7	46.1



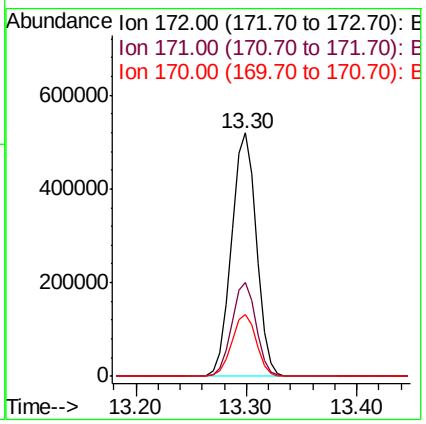


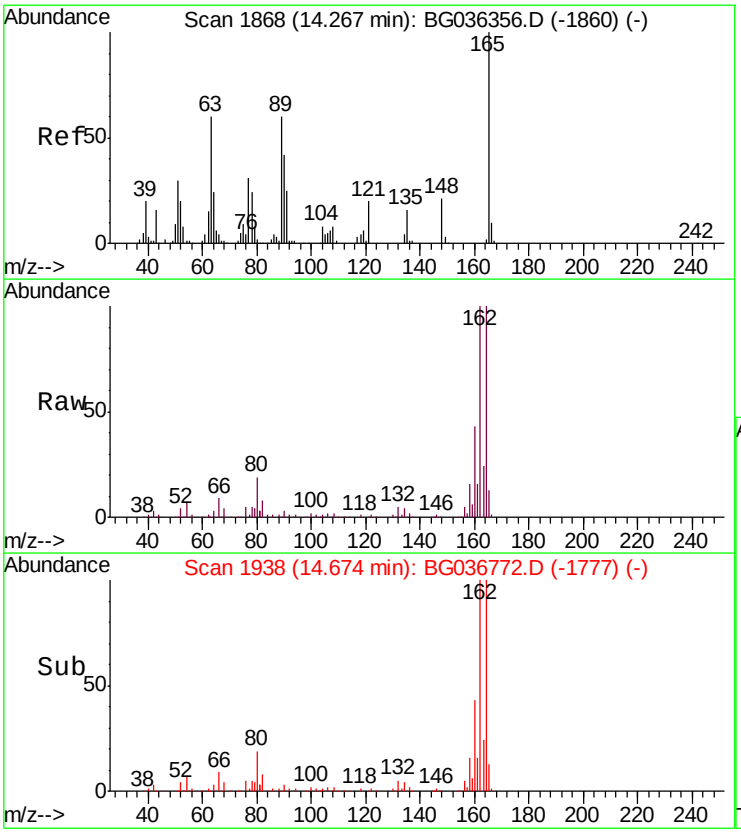
#44
2-Fluorobiphenyl
Concen: 79.091 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036772.D
Acq: 18 Sep 2018 4:03

Instrument :
BNA_G
ClientSampleId :
OK-01-091418

Tgt Ion:172 Resp: 824115

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.6	21.0	31.6

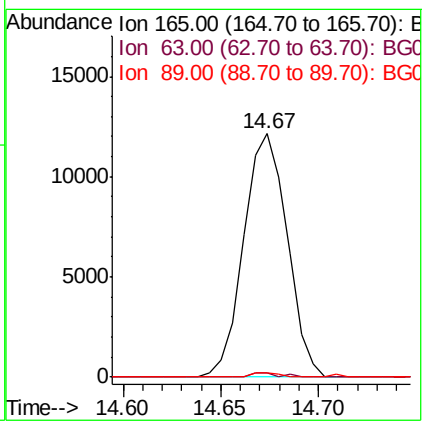


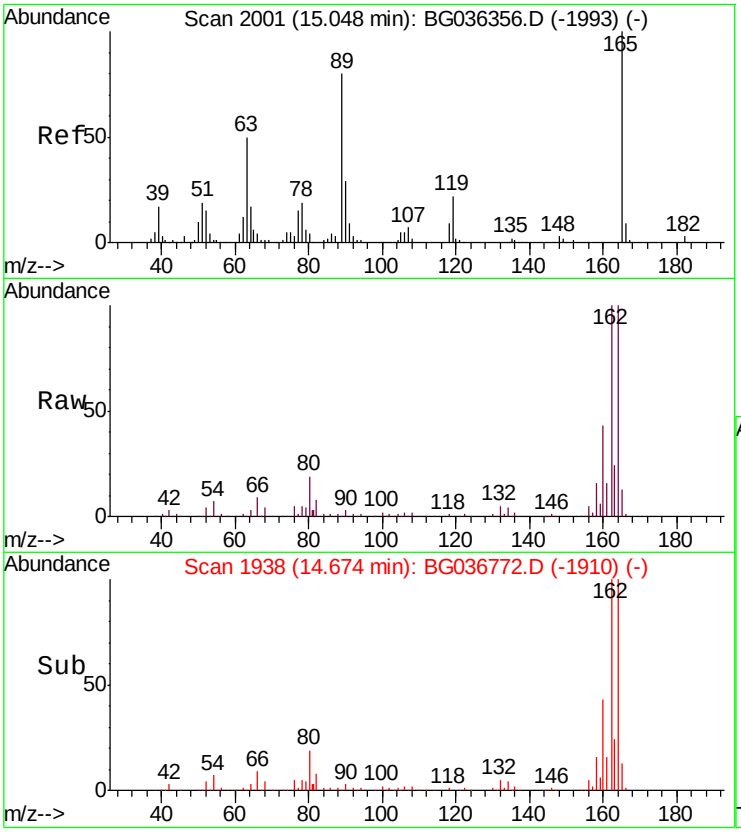


#50
2,6-Dinitrotoluene
Concen: 7.475 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG036772.D
Acq: 18 Sep 2018 4:03

Tgt Ion:165 Resp: 18685

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



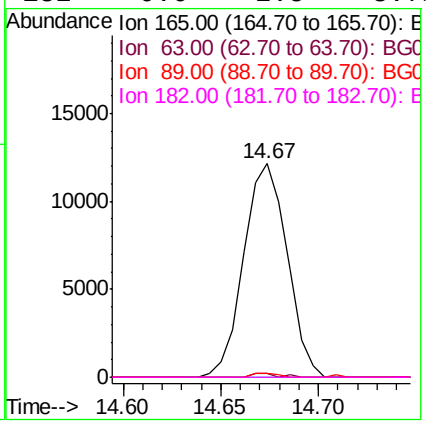


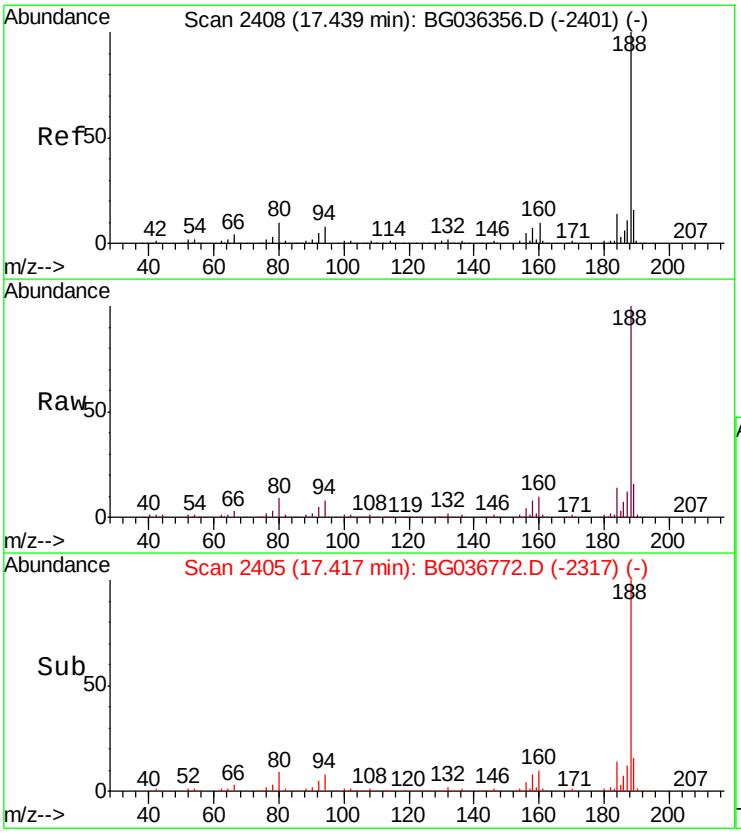
#56
2,4-Dinitrotoluene
Concen: 5.735 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036772.D
Acq: 18 Sep 2018 4:03

Instrument :
BNA_G
ClientSampleId :
OK-01-091418

Tgt Ion:165 Resp: 18685

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

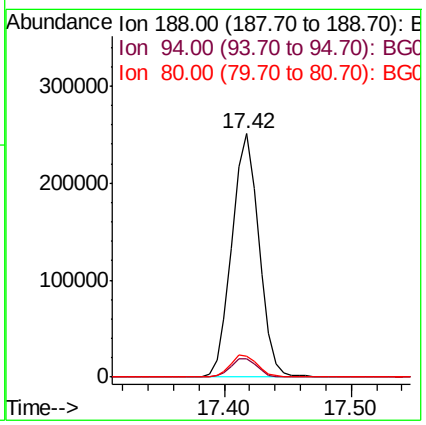


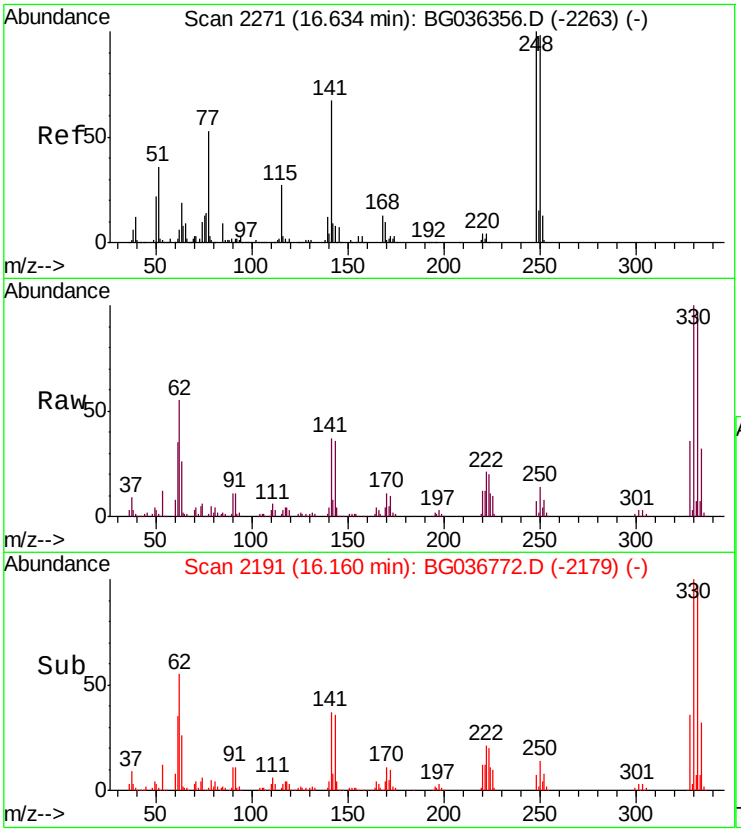


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036772.D
Acq: 18 Sep 2018 4:03

Tgt Ion:188 Resp: 370969

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	8.8	8.1	12.1



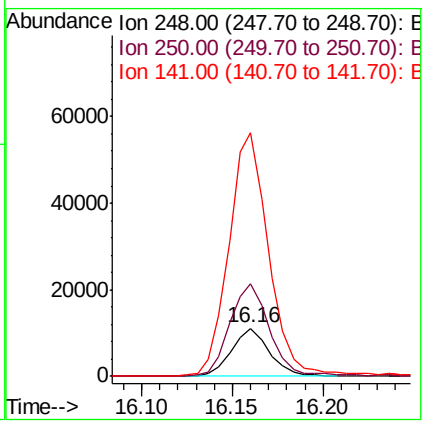


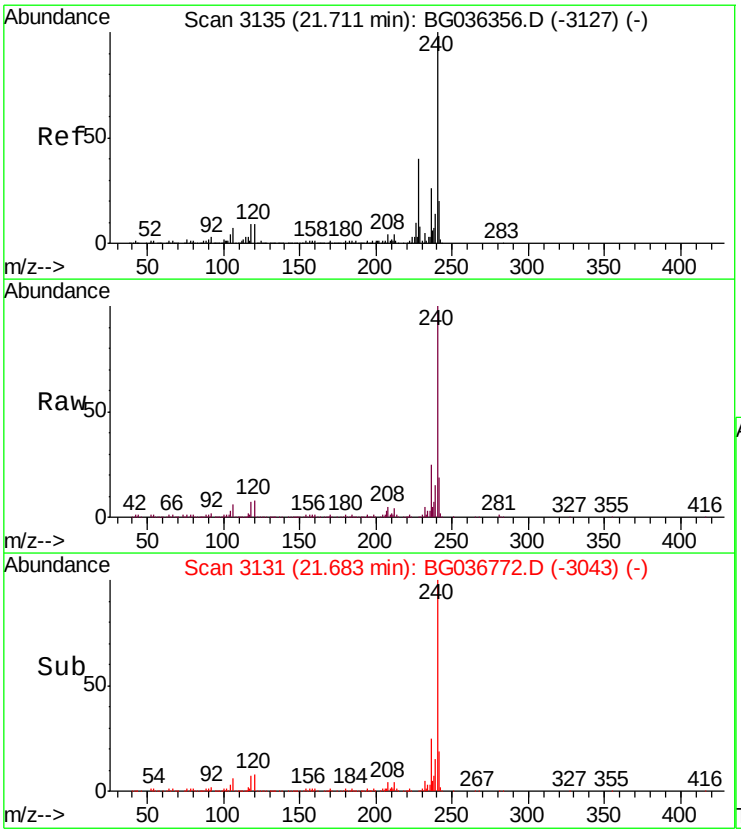
#66
4-Bromophenyl-phenylether
Concen: 3.692 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036772.D
Acq: 18 Sep 2018 4:03

Instrument :
BNA_G
ClientSampleId :
OK-01-091418

Tgt Ion:248 Resp: 16035

Ion	Ratio	Lower	Upper
248	100		
250	192.2	78.1	117.1#
141	508.5	53.7	80.5#

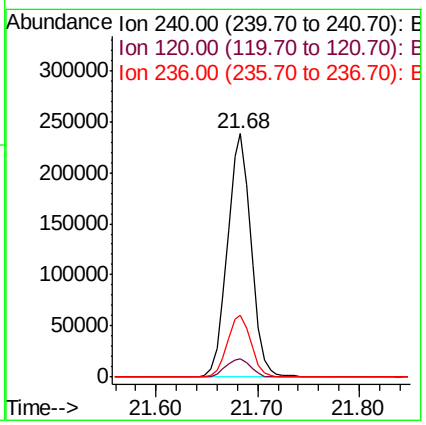


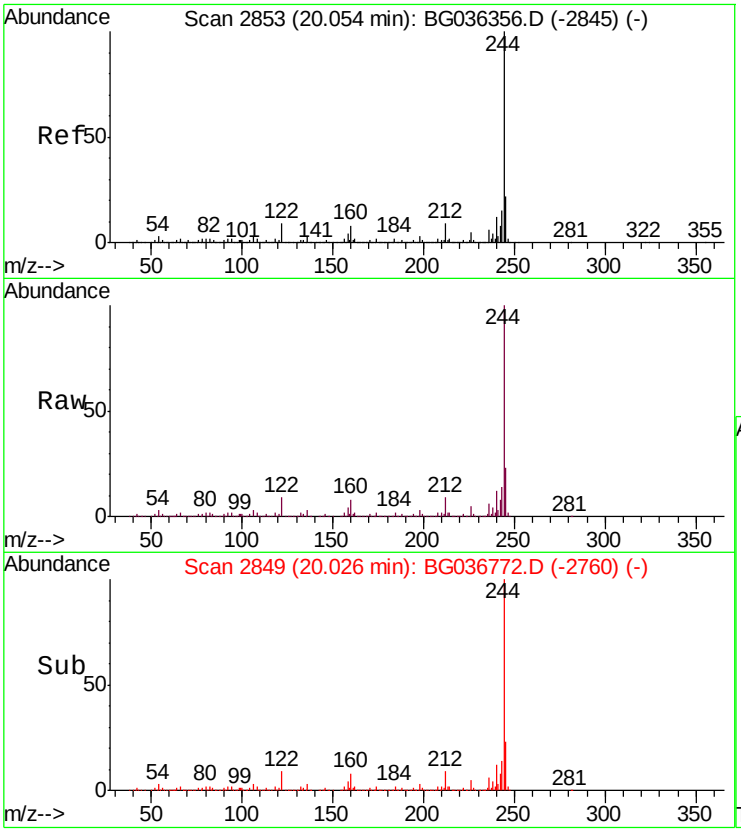


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036772.D
Acq: 18 Sep 2018 4:03

Tgt Ion:240 Resp: 384823

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.9	10.3
236	25.4	21.2	31.8



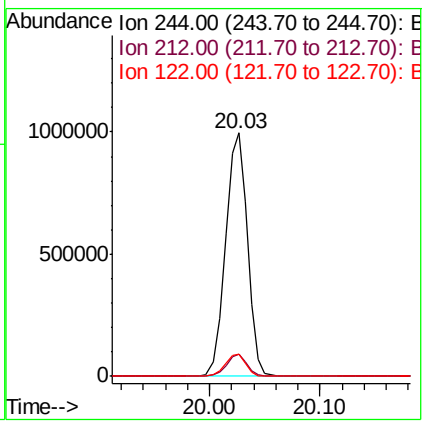


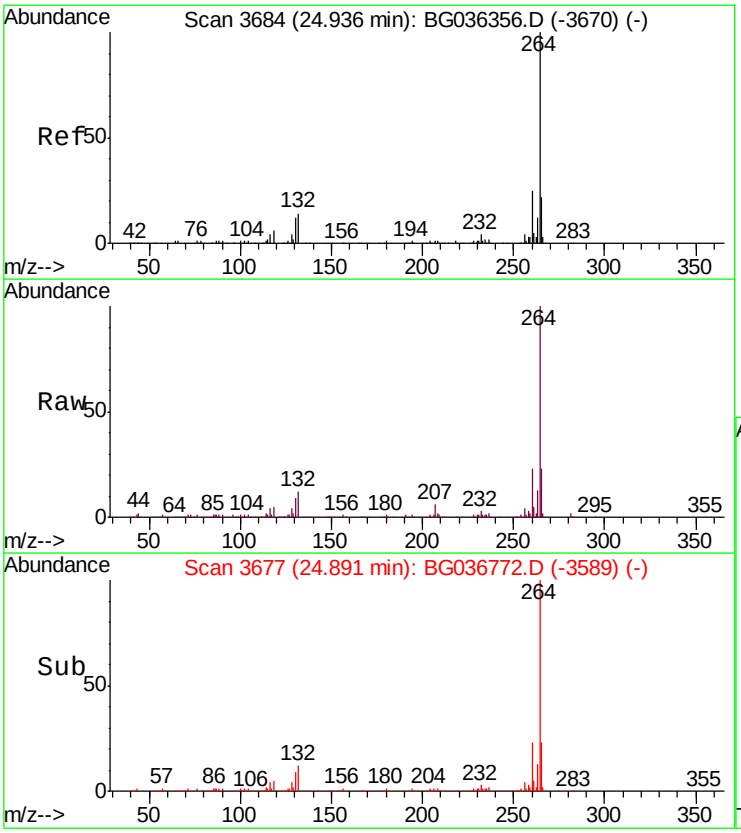
#78
Terphenyl-d14
Concen: 83.888 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG036772.D
Acq: 18 Sep 2018 4:03

Instrument :
BNA_G
ClientSampleId :
OK-01-091418

Tgt Ion:244 Resp: 1381150

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	8.9	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: BG036772.D
Acq: 18 Sep 2018 4:03

Tgt Ion:264 Resp: 379363

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	22.6	17.4	26.0