Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112118\
Data File : BG038130.D
Acq On : 21 Nov 2018 23:32
Operator : JU/SJ
Sample : J5772-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PL-01-112018-B

Quant Time: Nov 22 01:23:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	45048	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	189357	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	121233	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	279045	20.00	ng	0.00
76) Chrysene-d12	21.75	240	263503	20.00	ng	0.00
87) Perylene-d12	25.08	264	226253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	272207	104.33	ng	0.00
7) Phenol-d6	7.23	99	343283	92.17	ng	0.00
23) Nitrobenzene-d5	9.26	82	279960	79.14	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	123805	89.54	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	605063	72.71	ng	0.00
79) Terphenyl-d14	20.07	244	959268	85.66	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.27	70	35944	13.338	ng	# 67
51) 2,6-Dinitrotoluene	14.72	165	15730	7.231	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	15730	5.315	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	8702	2.841	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112118\
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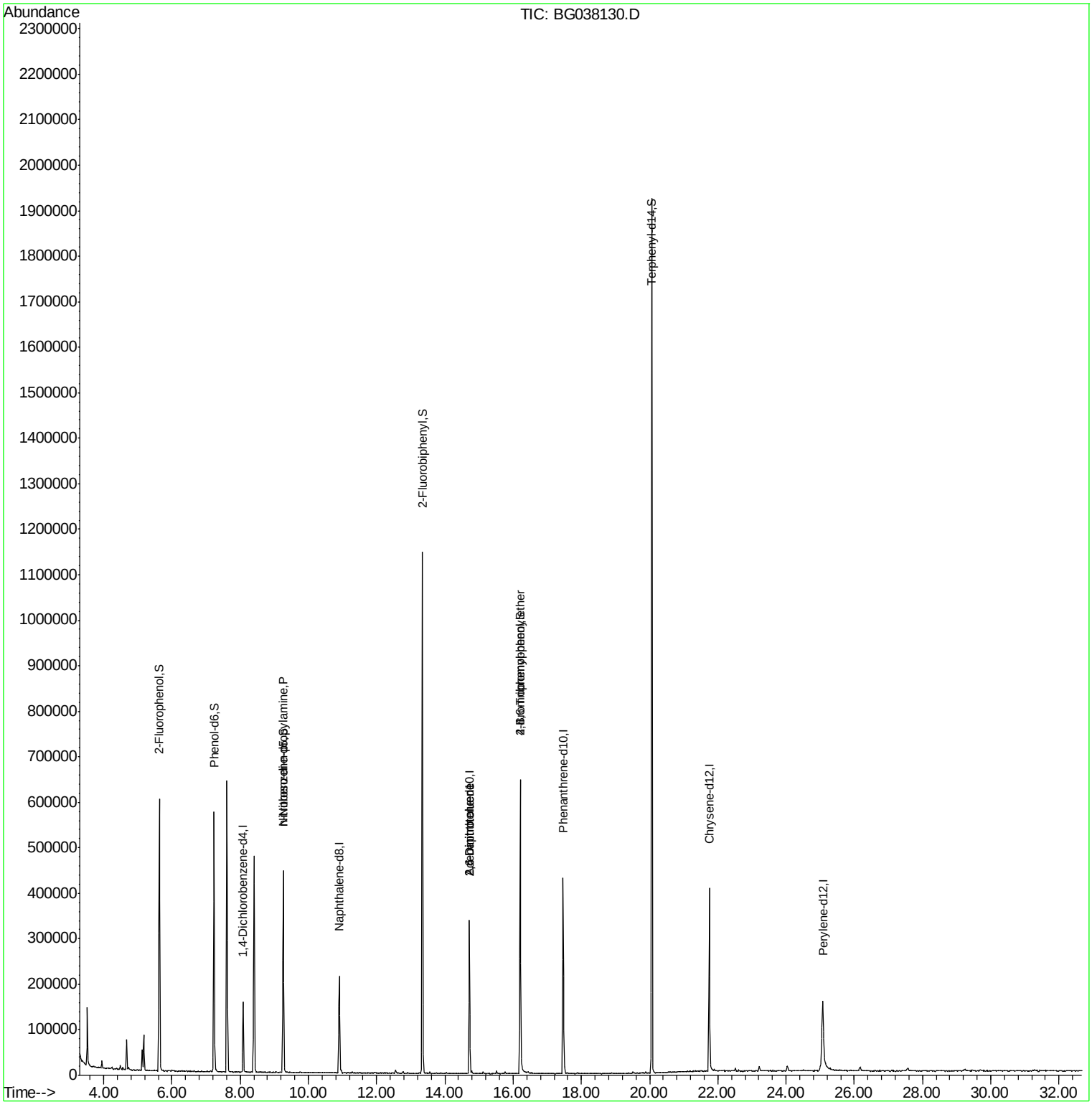
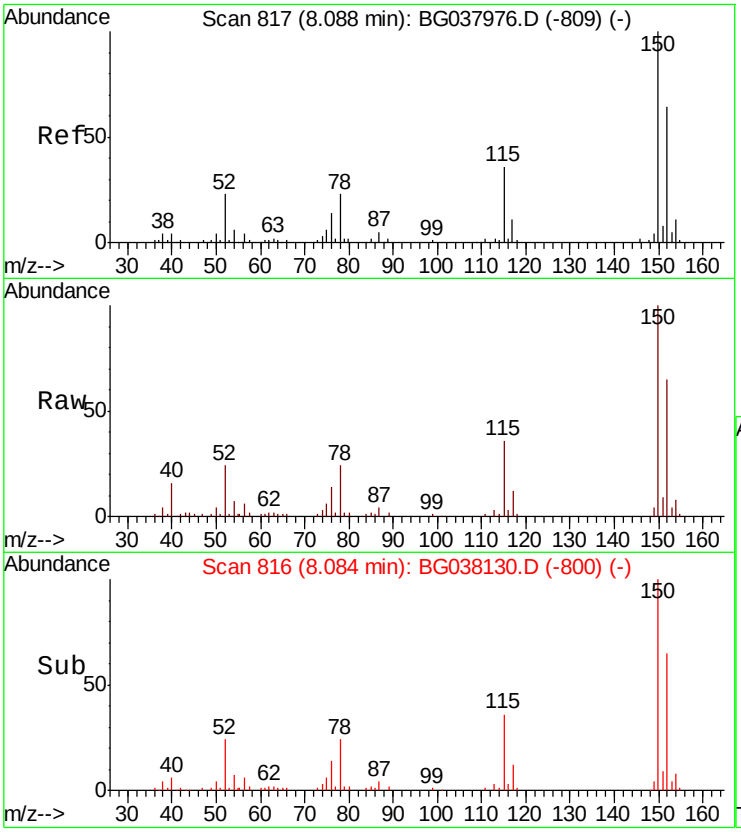


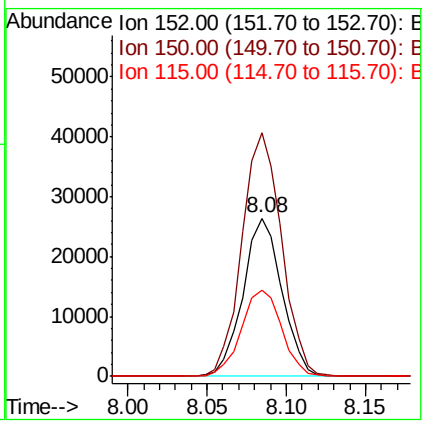


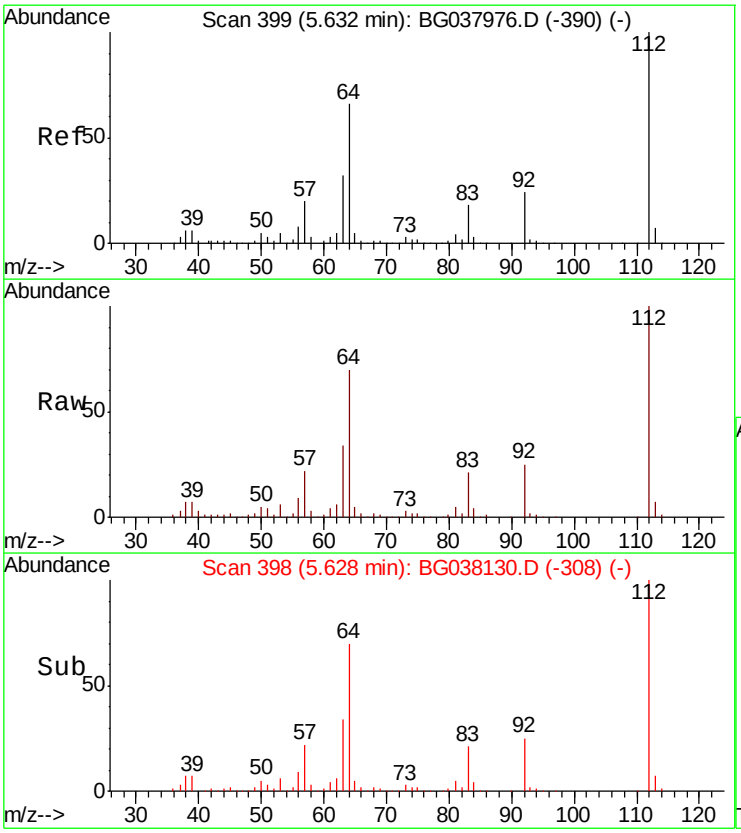
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038130.D
Acq: 21 Nov 2018 23:32

Instrument :
BNA_G
ClientSampleId :
PL-01-112018-B

Tgt Ion:152 Resp: 45048

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.0	189.0
115	54.7	45.5	68.3

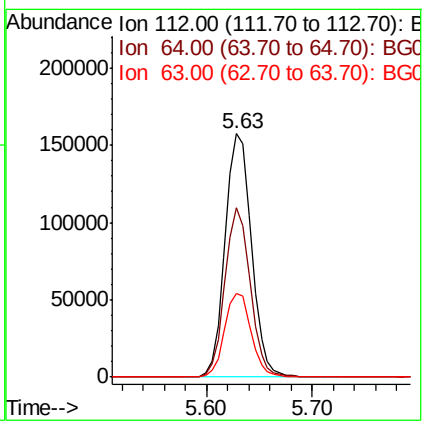


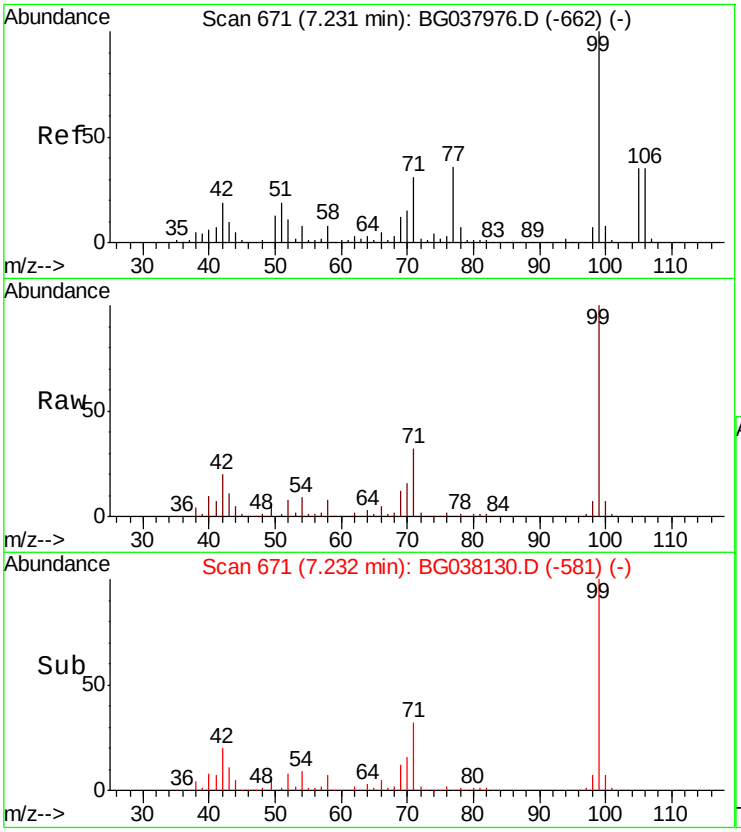


#5
2-Fluorophenol
Concen: 104.329 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038130.D
Acq: 21 Nov 2018 23:32

Tgt Ion:112 Resp: 272207

Ion	Ratio	Lower	Upper
112	100		
64	69.8	53.1	79.7
63	34.3	27.3	40.9



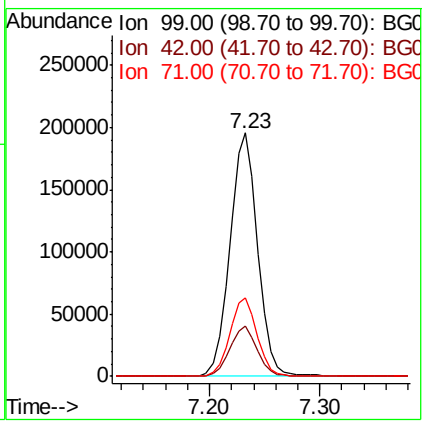


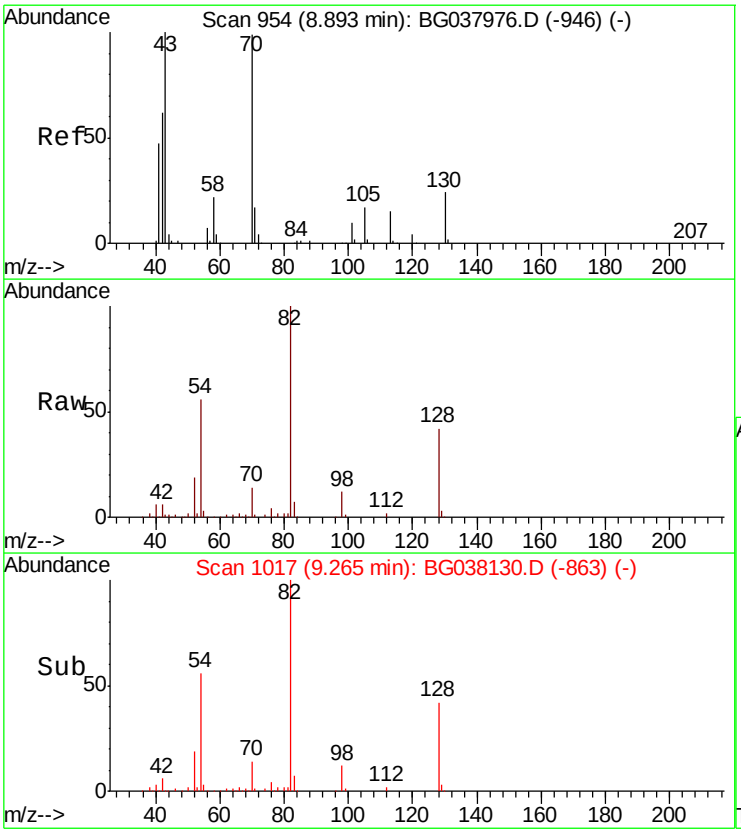
#7
Phenol-d6
Concen: 92.173 ng
RT: 7.23 min Scan# 671
Delta R.T. 0.00 min
Lab File: BG038130.D
Acq: 21 Nov 2018 23:32

Instrument :
BNA_G
ClientSampleId :
PL-01-112018-B

Tgt Ion: 99 Resp: 343283

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.0	22.4
71	32.0	25.5	38.3

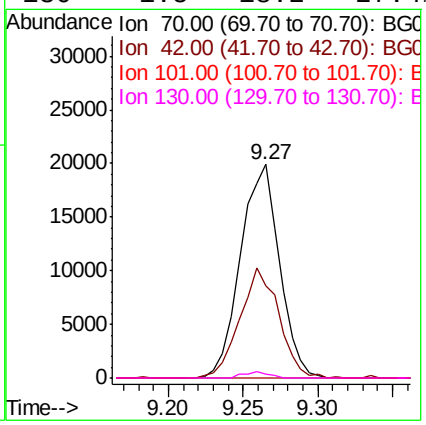


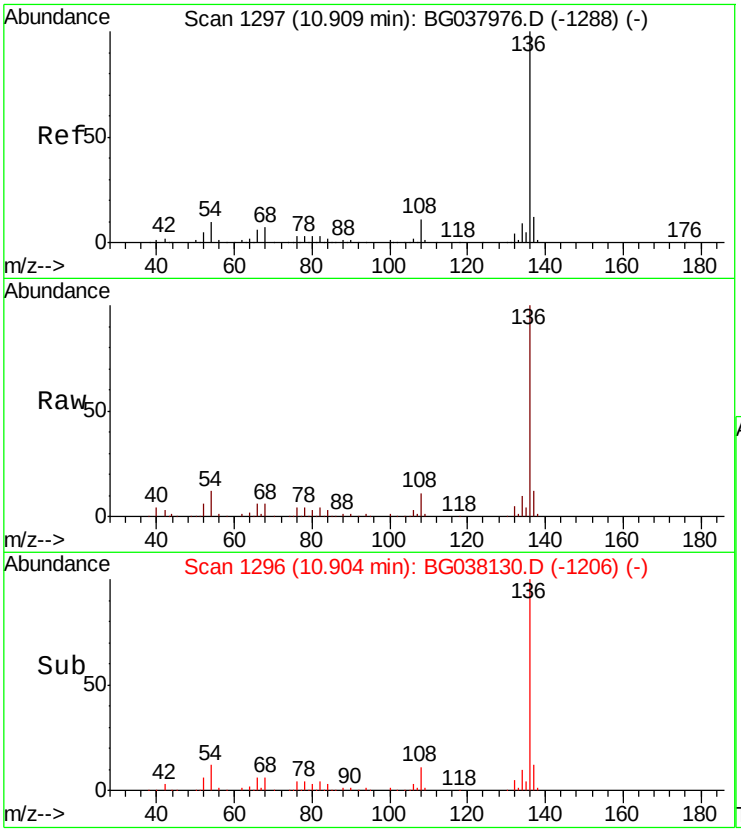


#19
n-Nitroso-di-n-propylamine
Concen: 13.338 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038130.D
Acq: 21 Nov 2018 23:32

Tgt Ion: 70 Resp: 35944

Ion	Ratio	Lower	Upper
70	100		
42	43.3	53.9	80.9#
101	0.0	8.2	12.2#
130	1.5	18.2	27.4#



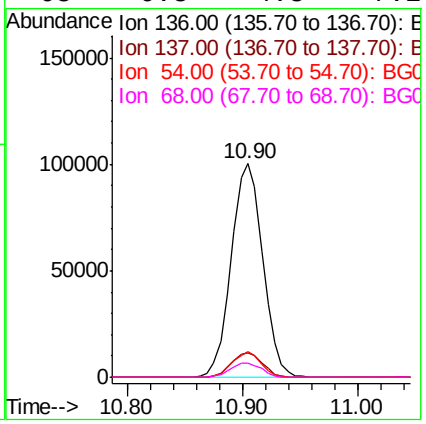


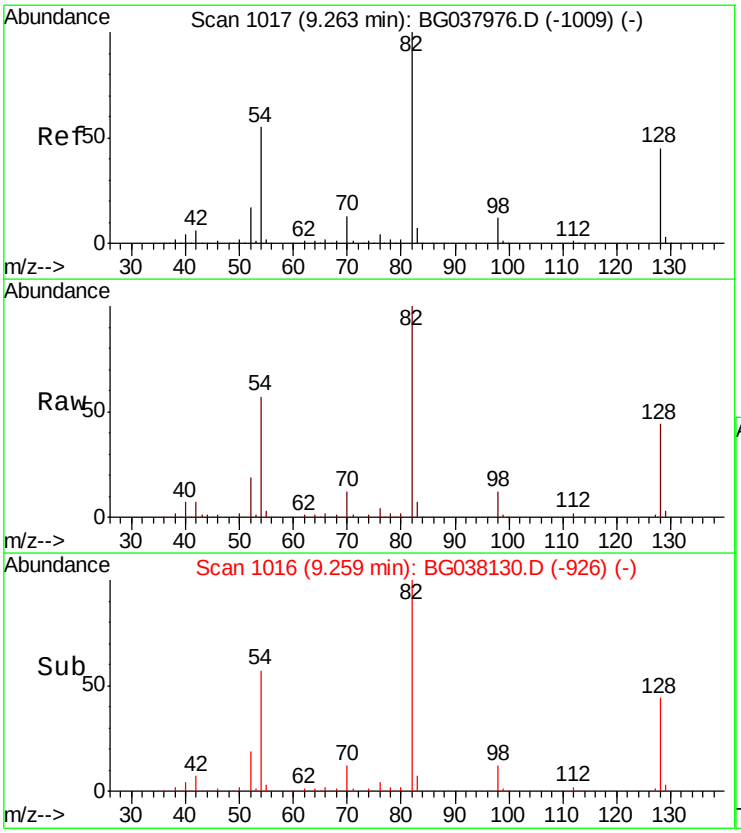
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038130.D
Acq: 21 Nov 2018 23:32

Instrument :
BNA_G
ClientSampleId :
PL-01-112018-B

Tgt Ion:136 Resp: 189357

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	12.1	7.9	11.9#
68	6.3	4.8	7.2

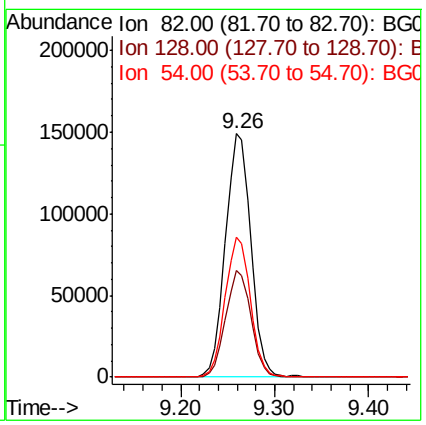


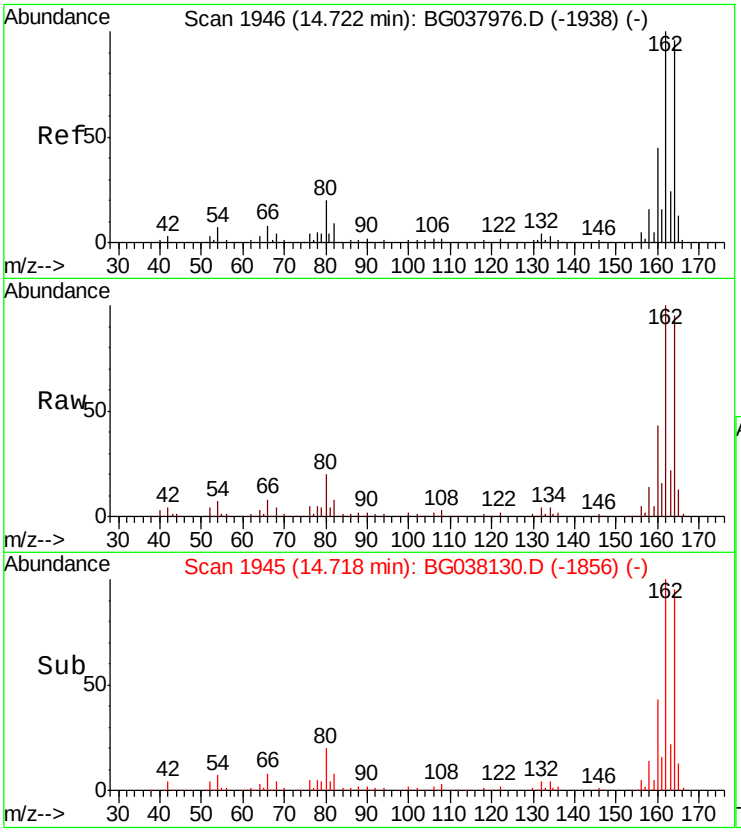


#23
Nitrobenzene-d5
Concen: 79.143 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038130.D
Acq: 21 Nov 2018 23:32

Tgt Ion: 82 Resp: 279960

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	57.4	45.3	67.9



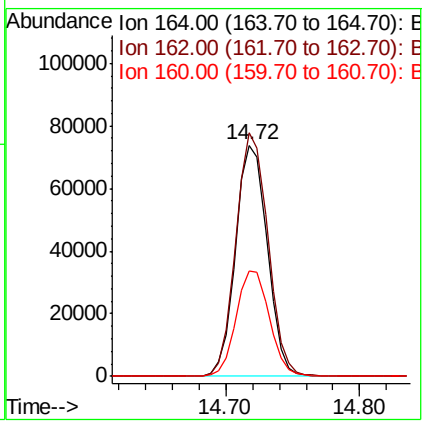


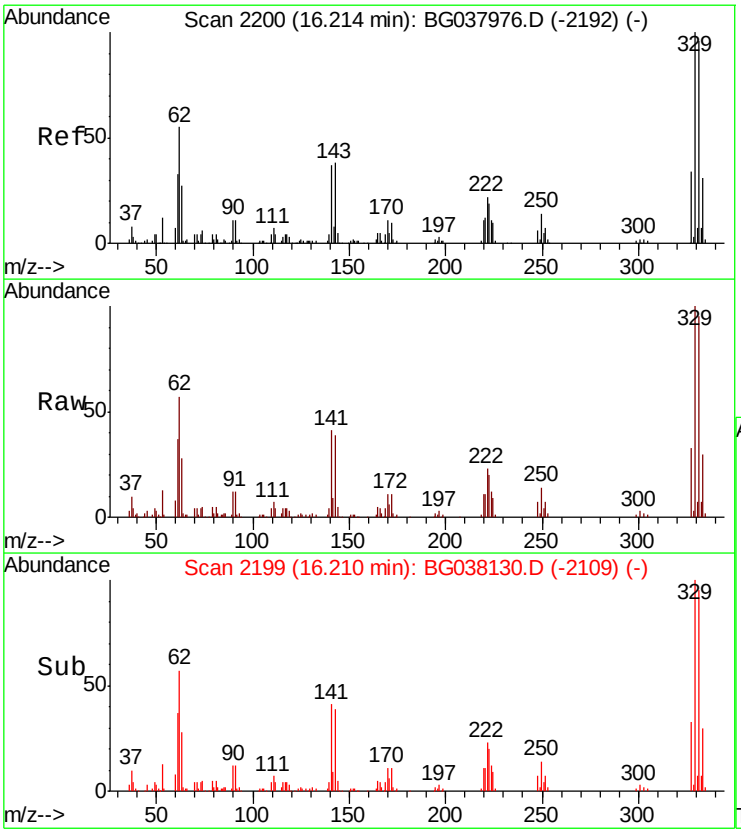
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038130.D
Acq: 21 Nov 2018 23:32

Instrument :
BNA_G
ClientSampleId :
PL-01-112018-B

Tgt Ion:164 Resp: 121233

Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.3	121.9
160	45.3	36.3	54.5

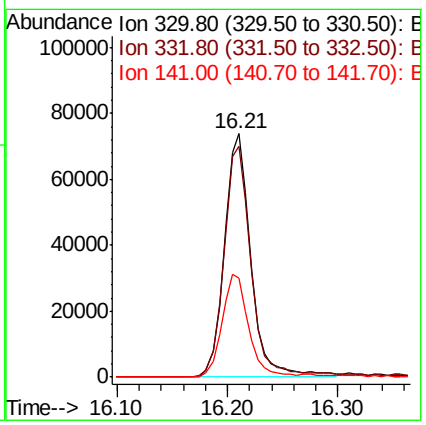


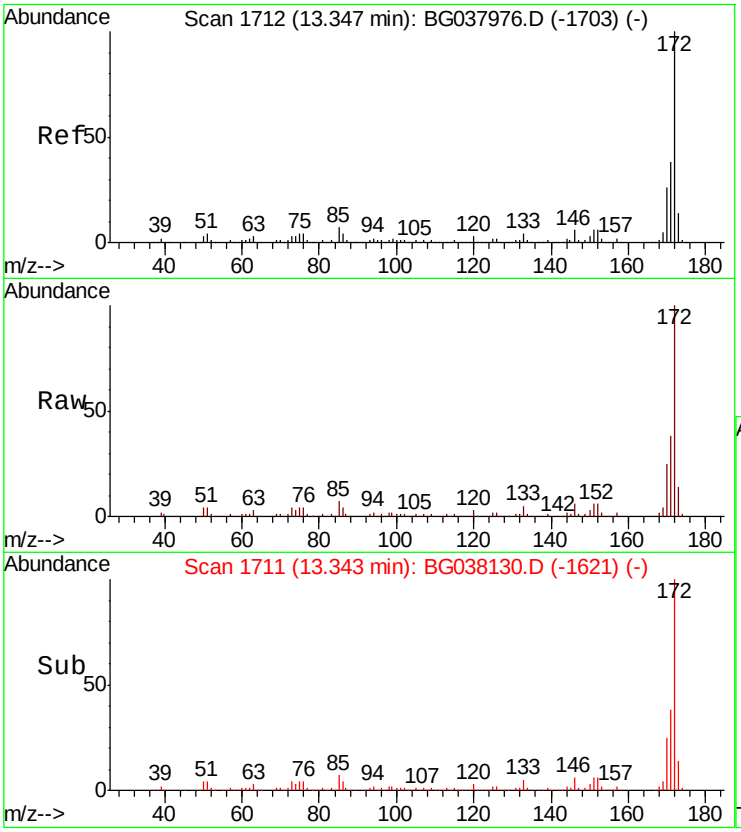


#42
2,4,6-Tribromophenol
Concen: 89.543 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG038130.D
Acq: 21 Nov 2018 23:32

Tgt Ion:330 Resp: 123805

Ion	Ratio	Lower	Upper
330	100		
332	99.2	78.4	117.6
141	43.3	32.2	48.2



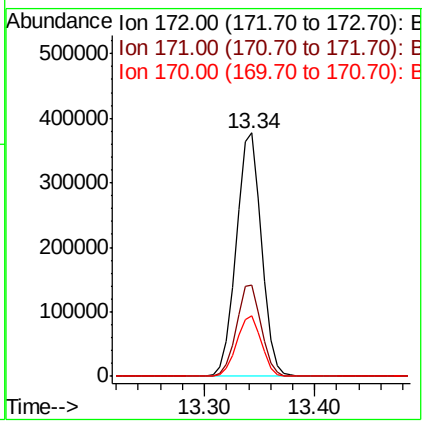


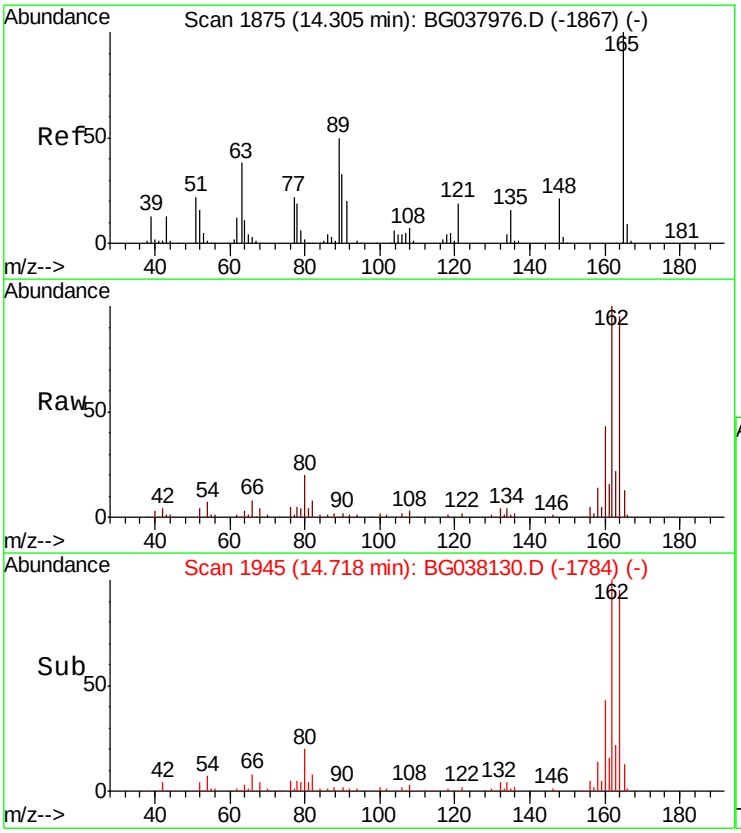
#45
2-Fluorobiphenyl
Concen: 72.710 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038130.D
Acq: 21 Nov 2018 23:32

Instrument :
BNA_G
ClientSampleId :
PL-01-112018-B

Tgt Ion:172 Resp: 605063

Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	24.8	20.2	30.2

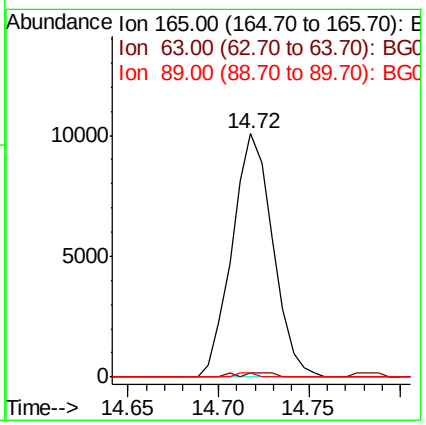


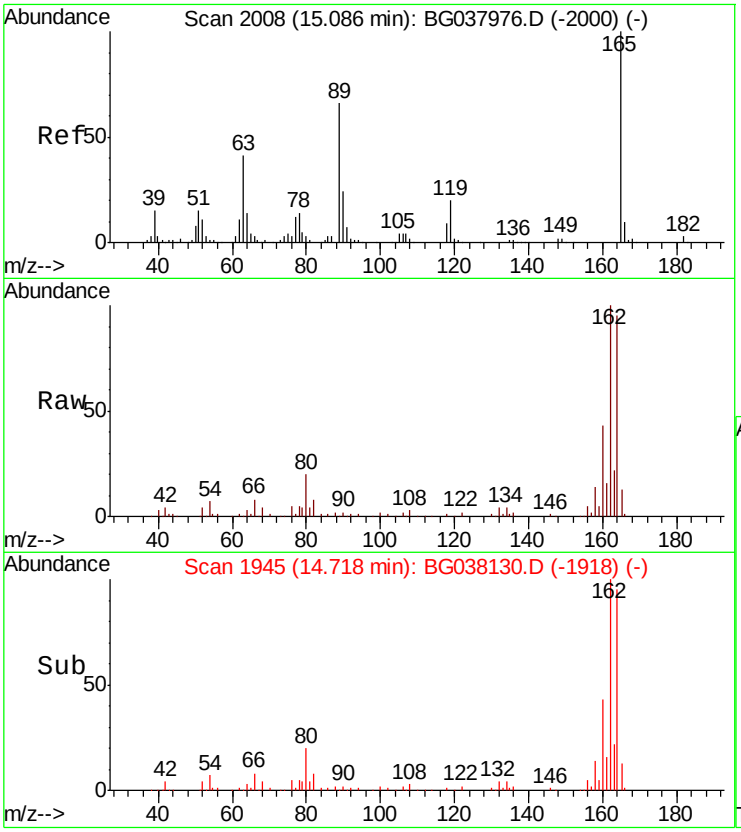


#51
2,6-Dinitrotoluene
Concen: 7.231 ng
RT: 14.72 min Scan# 1945
Delta R.T. 0.41 min
Lab File: BG038130.D
Acq: 21 Nov 2018 23:32

Tgt Ion:165 Resp: 15730

Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	1.7	45.8	68.6#



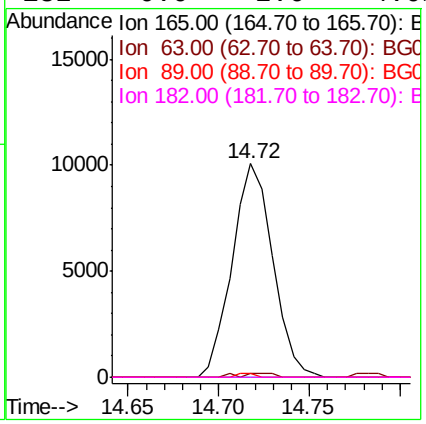


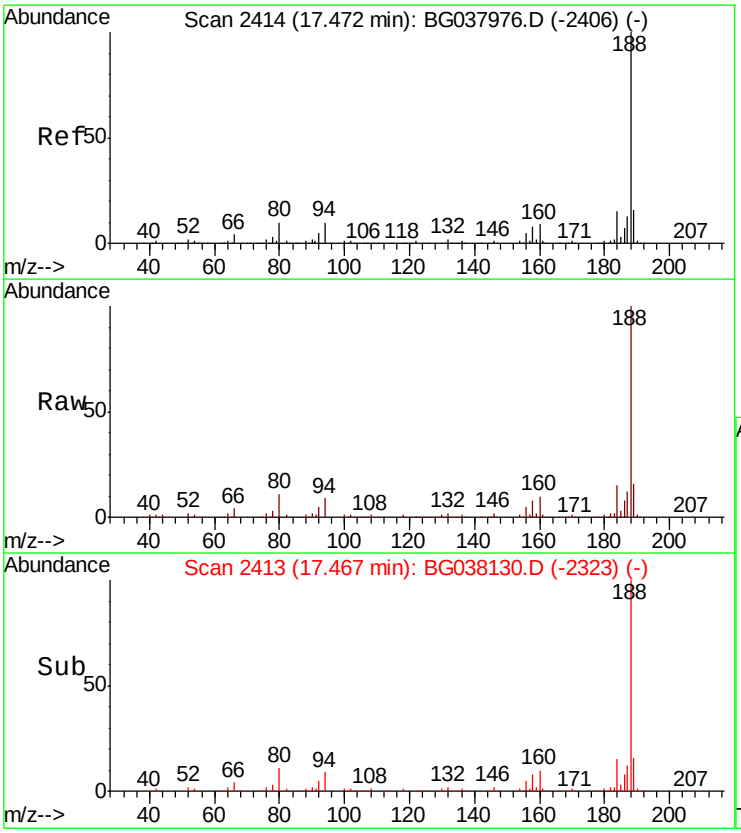
#57
2,4-Dinitrotoluene
Concen: 5.315 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.37 min
Lab File: BG038130.D
Acq: 21 Nov 2018 23:32

Instrument :
BNA_G
ClientSampleId :
PL-01-112018-B

Tgt Ion:165 Resp: 15730

Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.4	50.0#
89	1.7	57.2	85.8#
182	0.0	2.6	4.0#

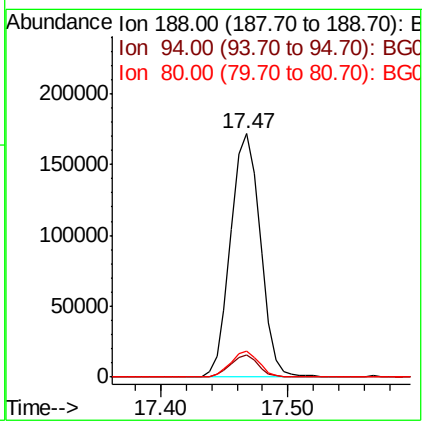


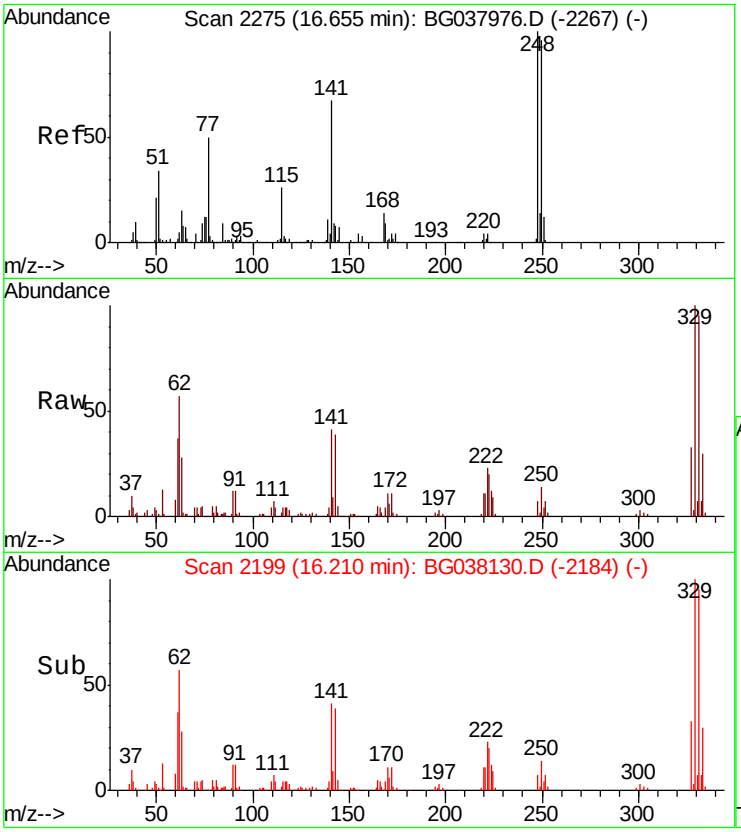


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038130.D
Acq: 21 Nov 2018 23:32

Tgt Ion:188 Resp: 279045

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.8	7.7	11.5



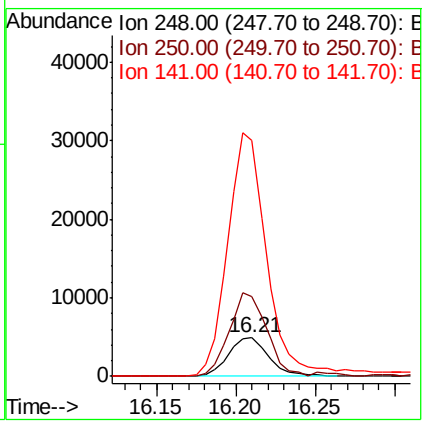


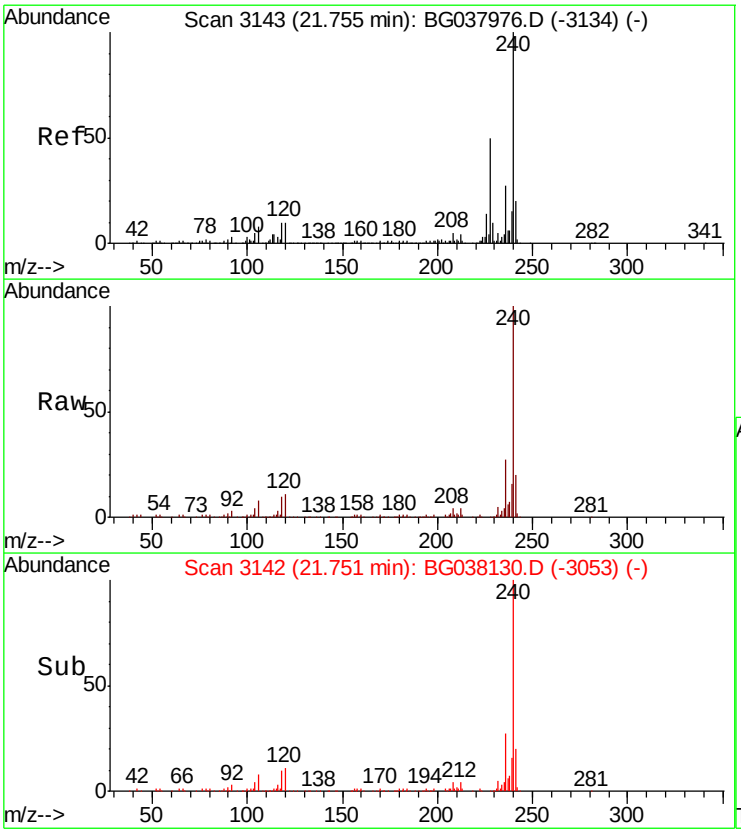
#67
4-Bromophenyl-phenylether
Concen: 2.841 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.44 min
Lab File: BG038130.D
Acq: 21 Nov 2018 23:32

Instrument :
BNA_G
ClientSampleId :
PL-01-112018-B

Tgt Ion:248 Resp: 8702

Ion	Ratio	Lower	Upper
248	100		
250	208.5	77.0	115.6#
141	464.4	55.5	83.3#

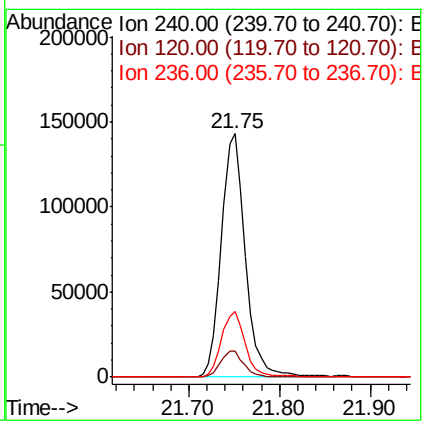


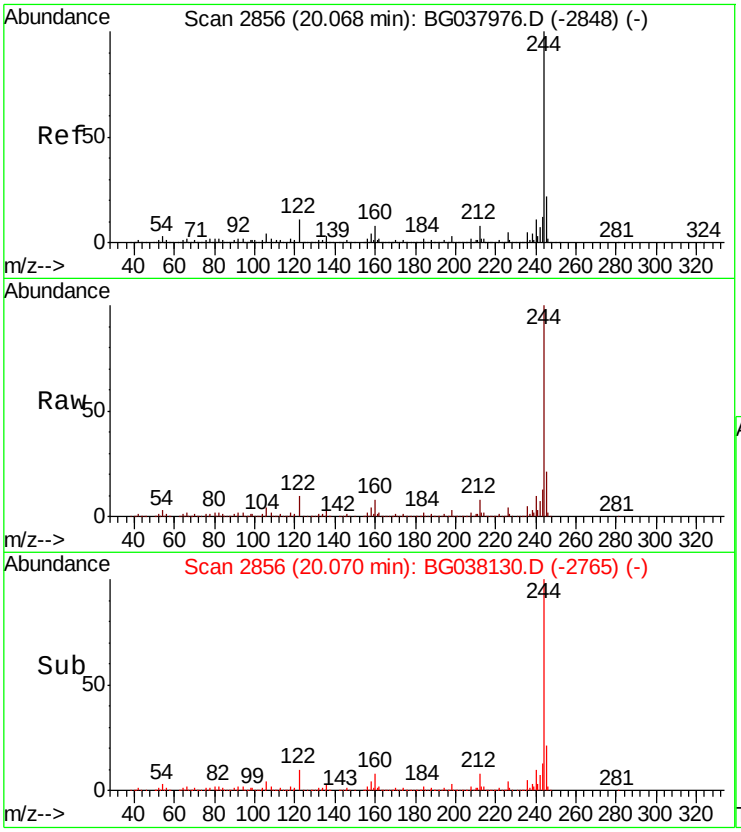


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038130.D
Acq: 21 Nov 2018 23:32

Tgt Ion:240 Resp: 263503

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	27.0	21.4	32.0



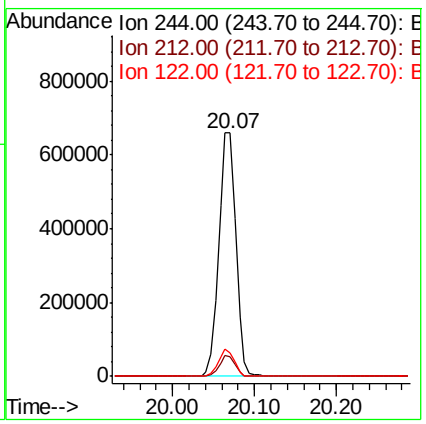


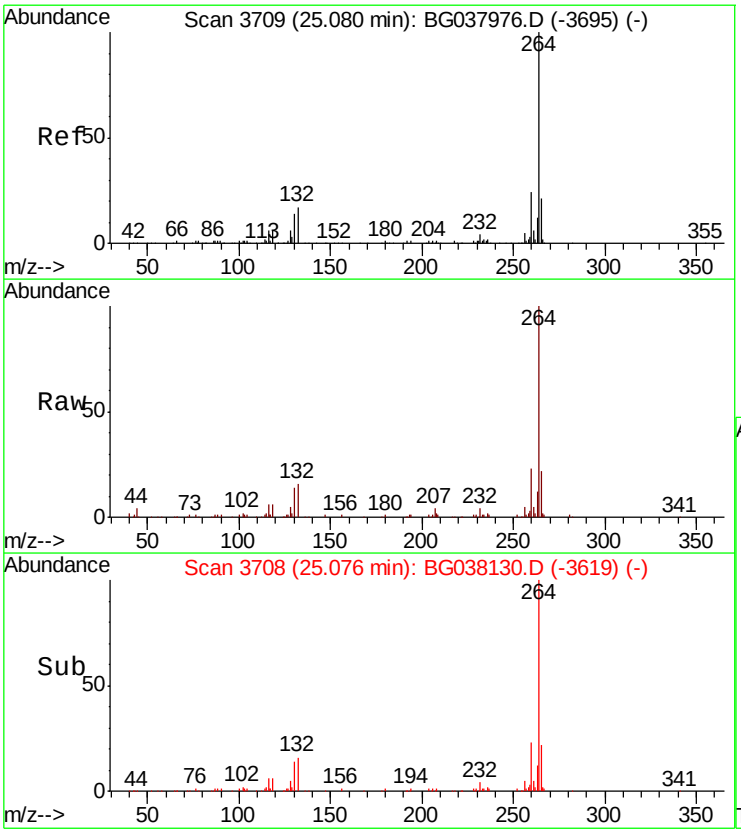
#79
Terphenyl-d14
Concen: 85.660 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038130.D
Acq: 21 Nov 2018 23:32

Instrument :
BNA_G
ClientSampleId :
PL-01-112018-B

Tgt Ion:244 Resp: 959268

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	9.8	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG038130.D
Acq: 21 Nov 2018 23:32

Tgt Ion:264 Resp: 226253

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.7	17.9	26.9