Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
Data File : BG038408.D
Acq On : 7 Dec 2018 18:09
Operator : JU/SJ
Sample : J6195-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-01-120518-A

Quant Time: Dec 07 22:12:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24298	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	129571	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	67426	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	176868	20.00	ng	0.00
76) Chrysene-d12	21.73	240	183270	20.00	ng	-0.01
87) Perylene-d12	25.04	264	187226	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	149944	109.21	ng	0.00
7) Phenol-d6	7.22	99	192482	96.99	ng	0.00
23) Nitrobenzene-d5	9.24	82	160408	61.46	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	113510	137.13	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	371426	78.49	ng	0.00
79) Terphenyl-d14	20.06	244	714913	83.57	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.24	70	20972	13.040	ng	# 77
22) Acetophenone	8.92	105	128	Below Cal		# 23
51) 2,6-Dinitrotoluene	14.70	165	8760	7.091	ng	# 26
57) 2,4-Dinitrotoluene	14.70	165	8760	5.141	ng	# 26
67) 4-Bromophenyl-phenylether	16.19	248	7693	4.028	ng	# 1
77) Benzidine	20.05	184	12388	2.003	ng	# 96

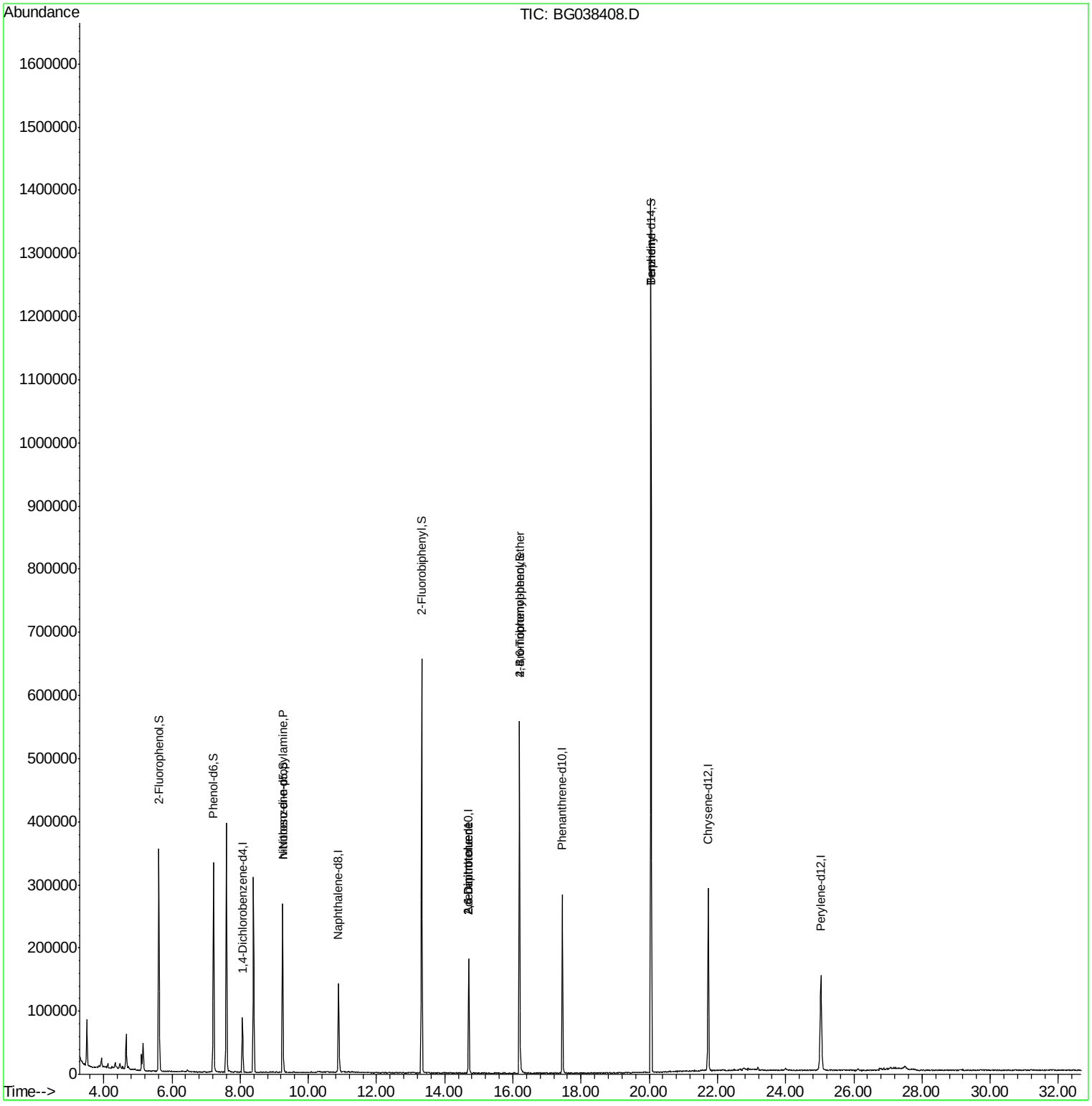
(#) = qualifier out of range (m) = manual integration (+) = signals summed

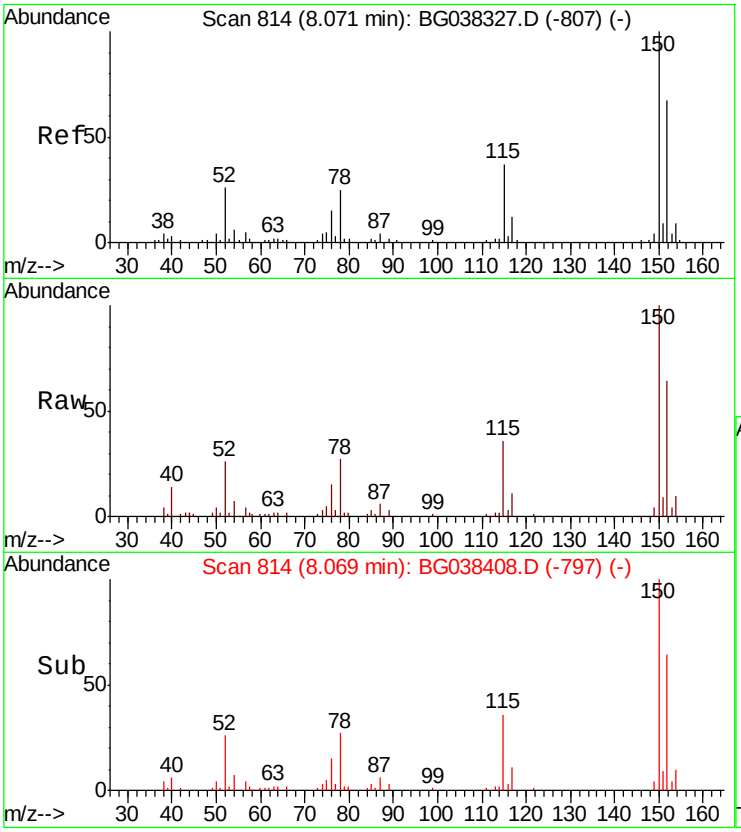
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
Data File : BG038408.D
Acq On : 7 Dec 2018 18:09
Operator : JU/SJ
Sample : J6195-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-A

Quant Time: Dec 07 22:12:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration



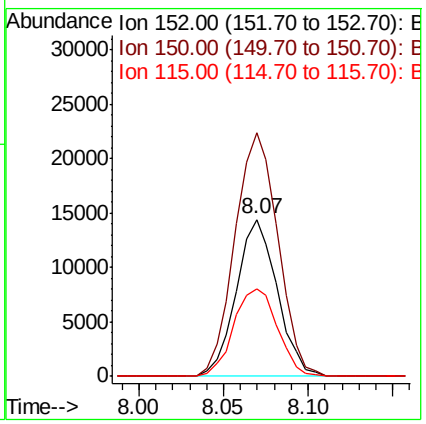


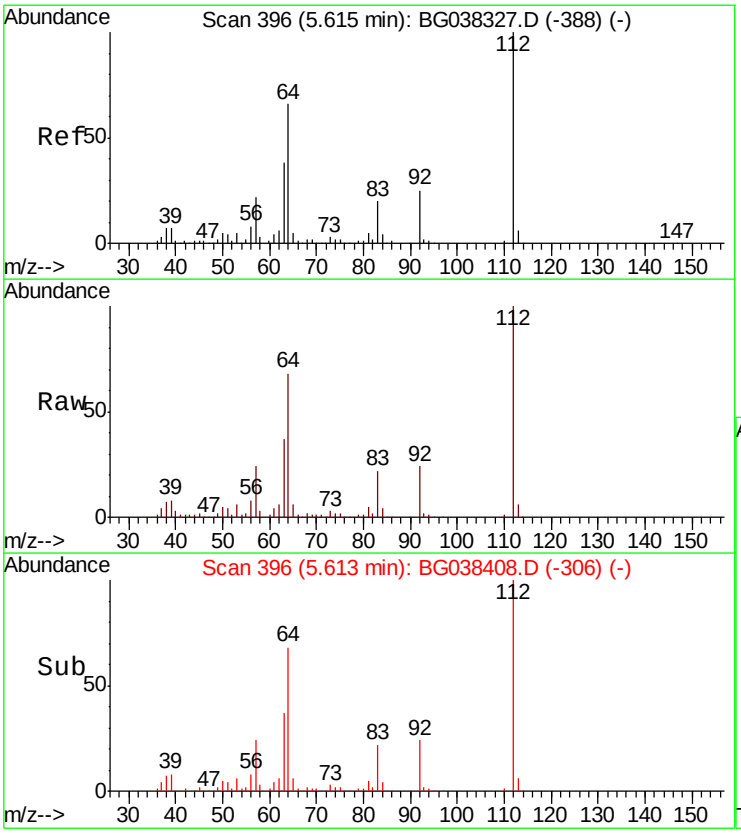
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-A

Tgt Ion:152 Resp: 24298

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.0	189.0
115	55.8	45.5	68.3

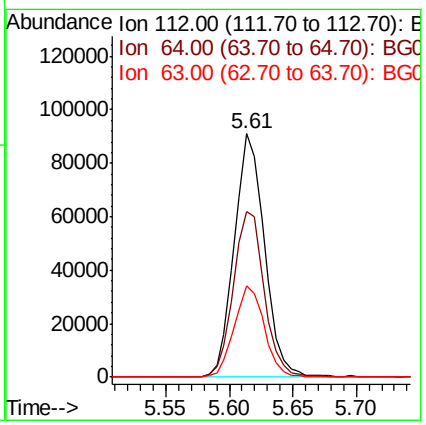


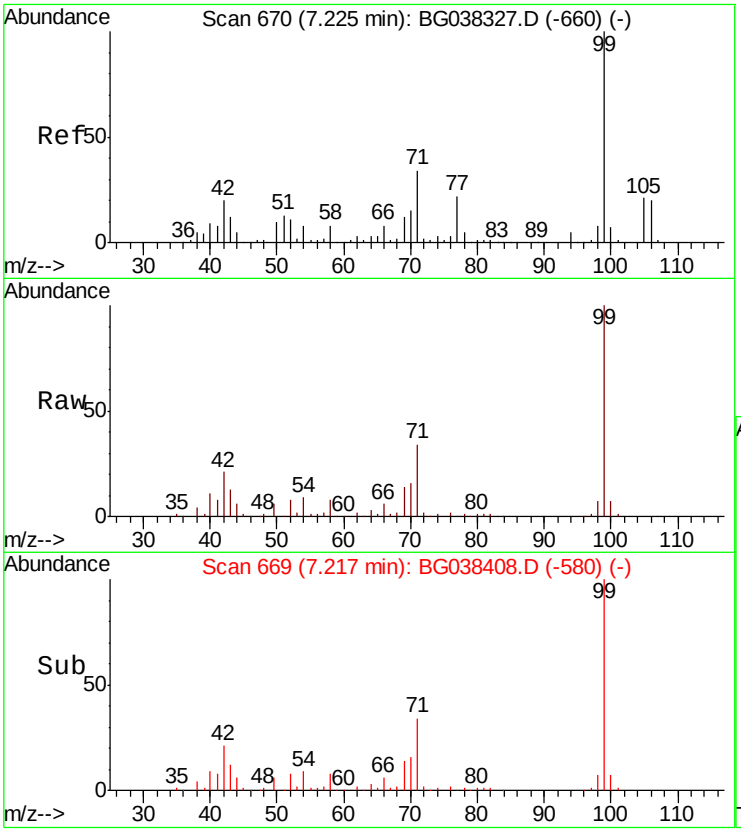


#5
2-Fluorophenol
Concen: 109.205 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Tgt Ion:112 Resp: 149944

Ion	Ratio	Lower	Upper
112	100		
64	68.2	53.1	79.7
63	37.3	27.3	40.9



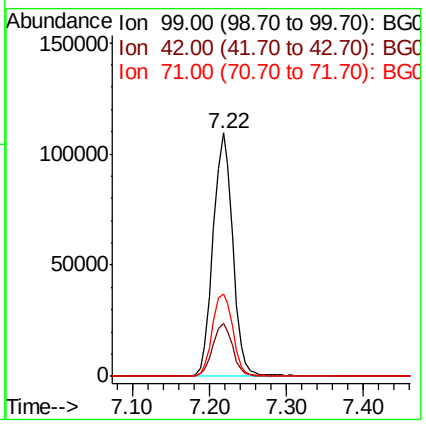


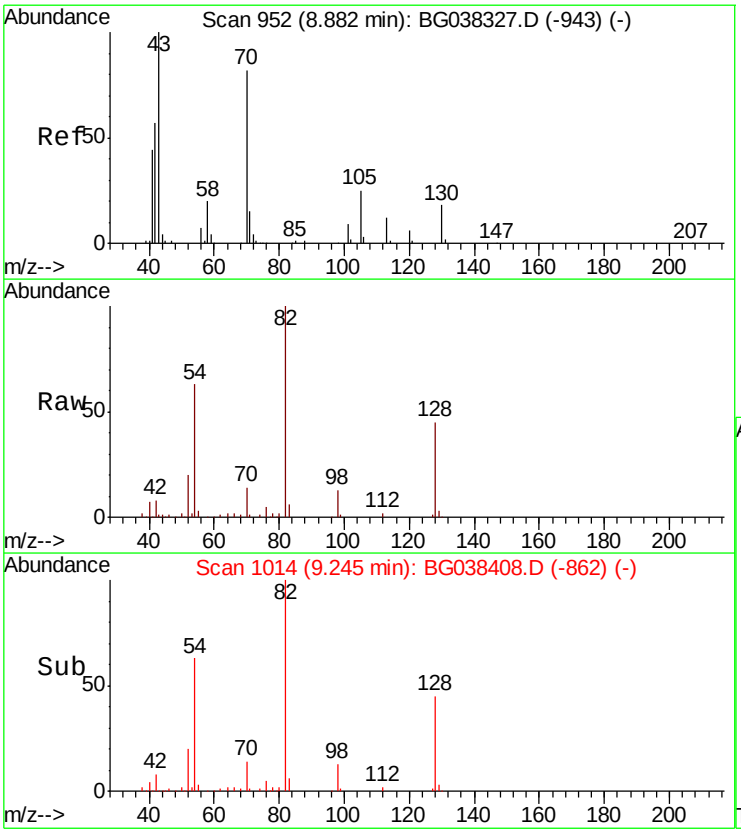
#7
Phenol-d6
Concen: 96.992 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-A

Tgt Ion: 99 Resp: 192482

Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.0	22.4
71	33.9	25.5	38.3

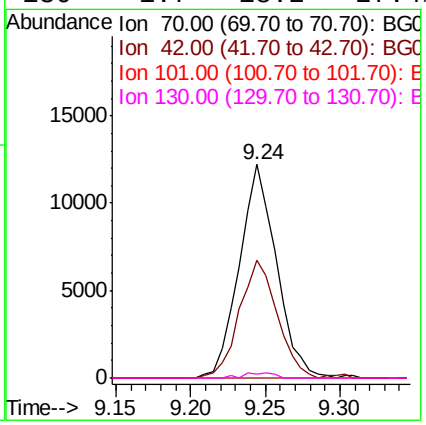


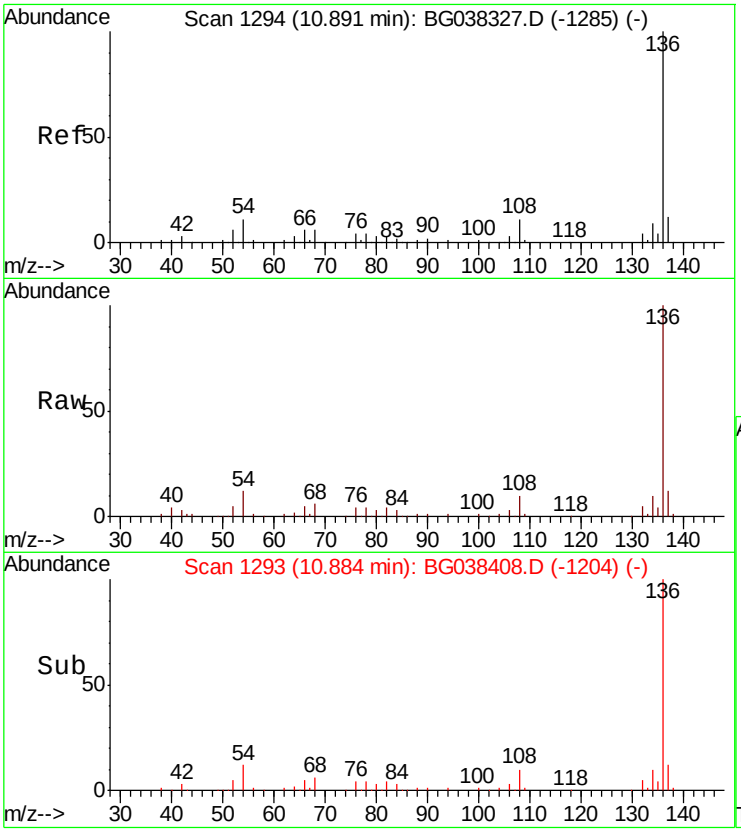


#19
n-Nitroso-di-n-propylamine
Concen: 13.040 ng
RT: 9.24 min Scan# 1014
Delta R.T. 0.36 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Tgt Ion: 70 Resp: 20972

Ion	Ratio	Lower	Upper
70	100		
42	54.9	53.9	80.9
101	0.0	8.2	12.2#
130	1.7	18.2	27.4#



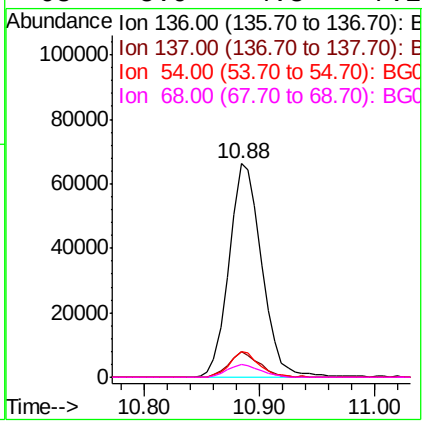


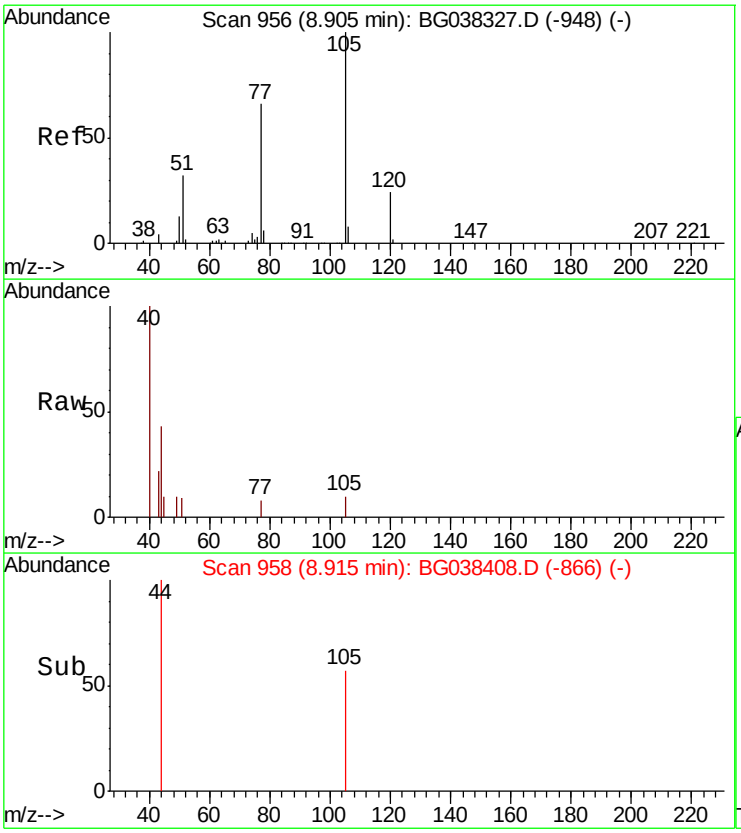
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-A

Tgt Ion:136 Resp: 129571

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	11.8	7.9	11.9
68	5.9	4.8	7.2

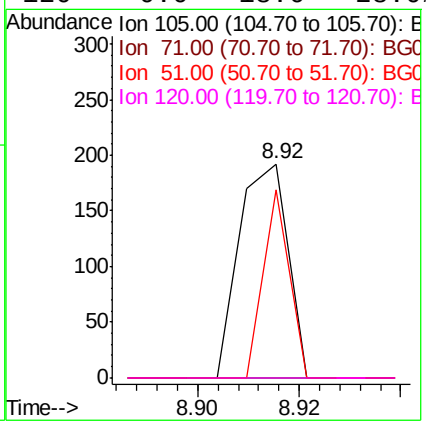


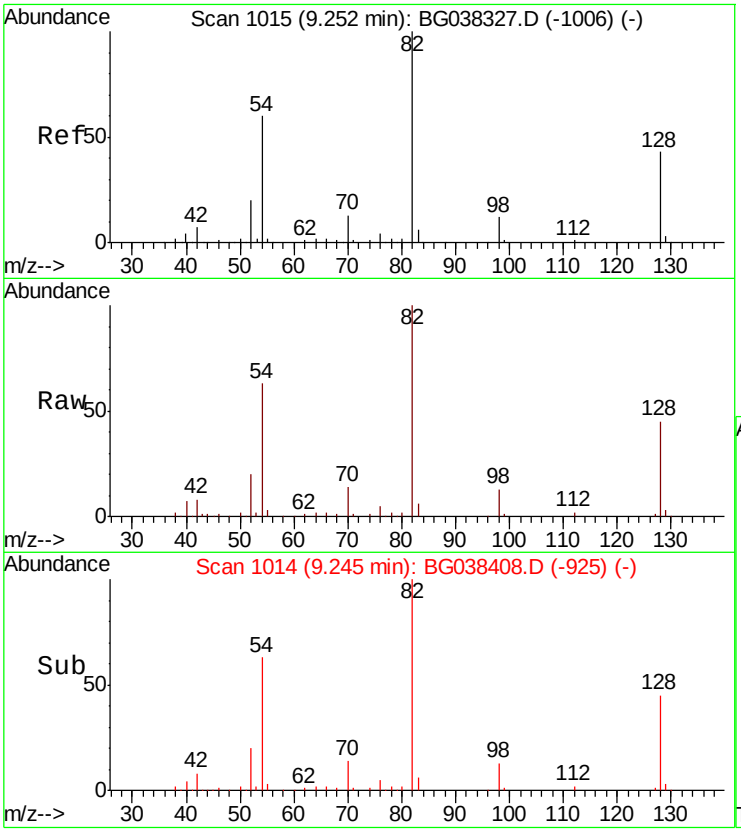


#22
Acetophenone
Concen: Below Cal
RT: 8.92 min Scan# 958
Delta R.T. 0.01 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Tgt Ion:105 Resp: 128

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	88.0	25.0	37.6#
120	0.0	18.6	28.0#



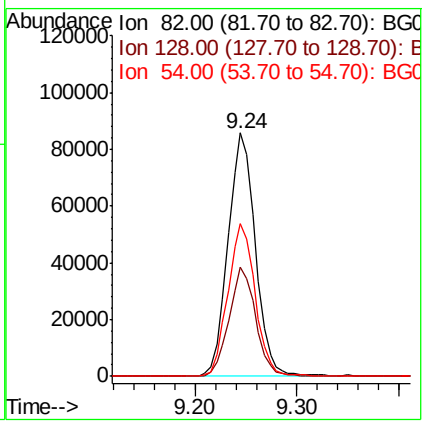


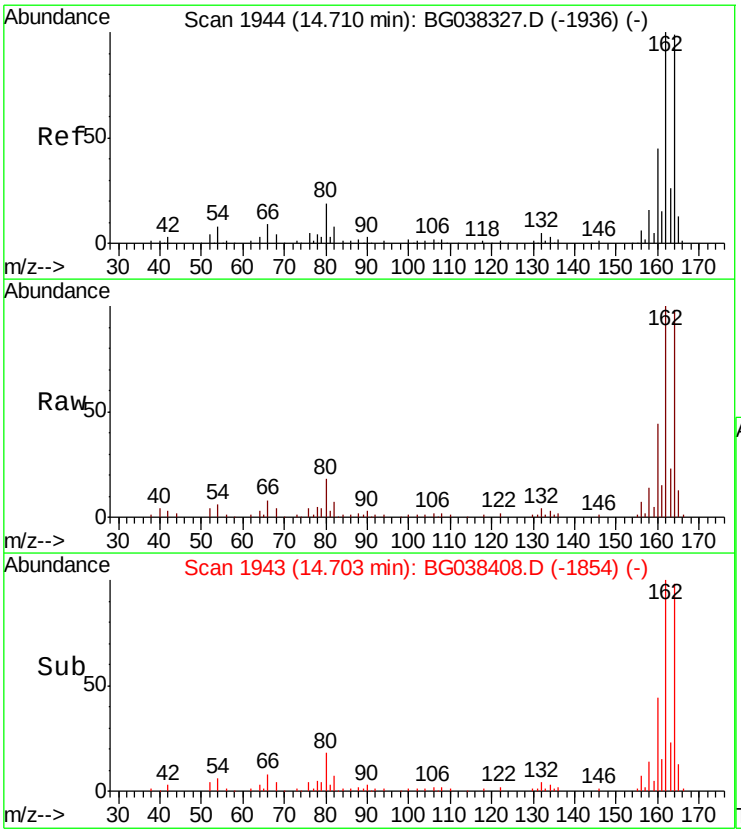
#23
Nitrobenzene-d5
Concen: 61.464 ng
RT: 9.24 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-A

Tgt Ion: 82 Resp: 160408

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	51.8
54	62.8	45.3	67.9

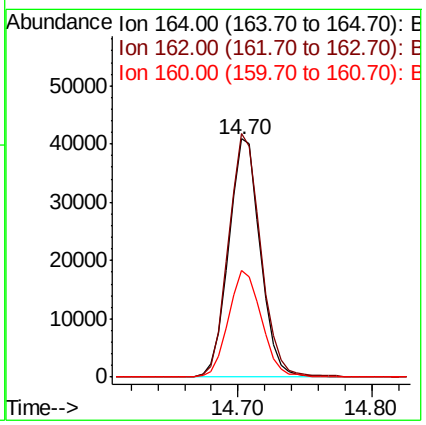


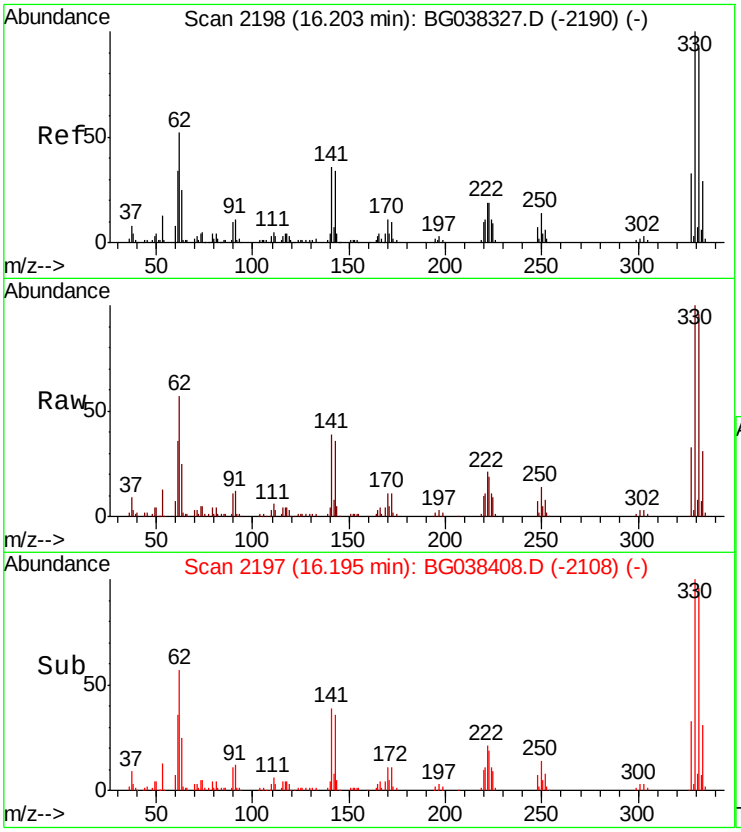


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Tgt Ion:164 Resp: 67426

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	44.5	36.3	54.5



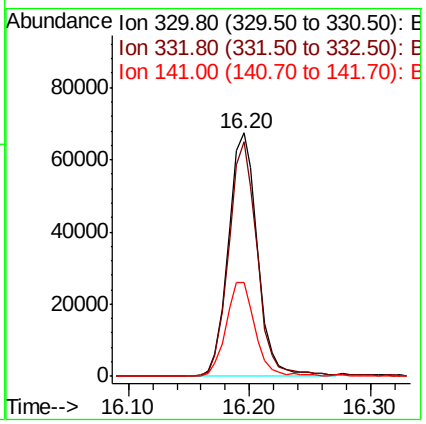


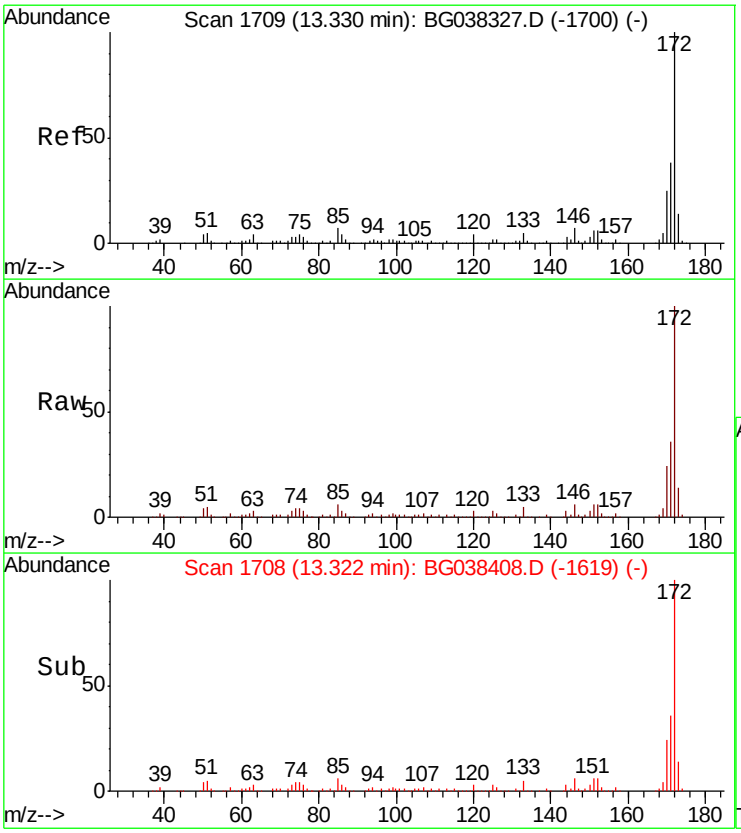
#42
2,4,6-Tribromophenol
Concen: 137.133 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-A

Tgt Ion:330 Resp: 113510

Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.4	117.6
141	38.4	32.2	48.2

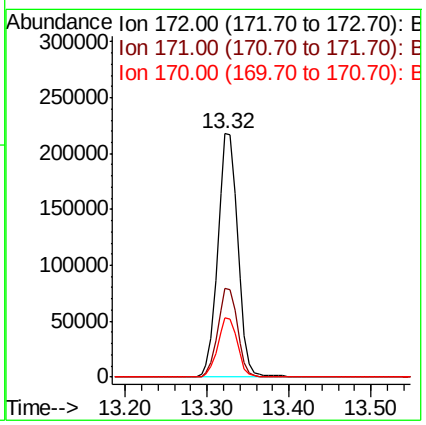


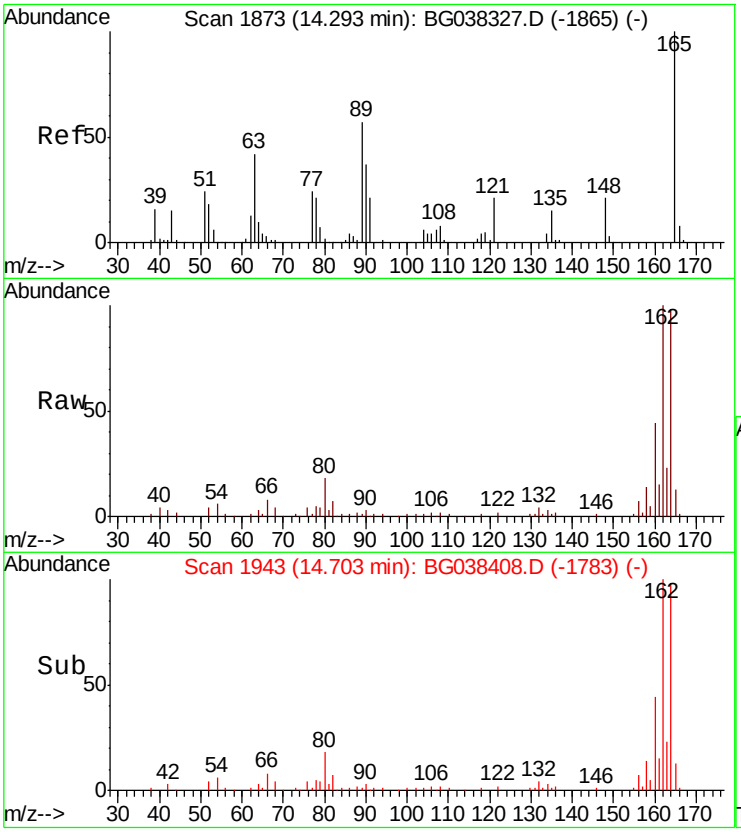


#45
2-Fluorobiphenyl
Concen: 78.493 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Tgt Ion:172 Resp: 371426

Ion	Ratio	Lower	Upper
172	100		
171	36.3	31.0	46.4
170	24.1	20.2	30.2



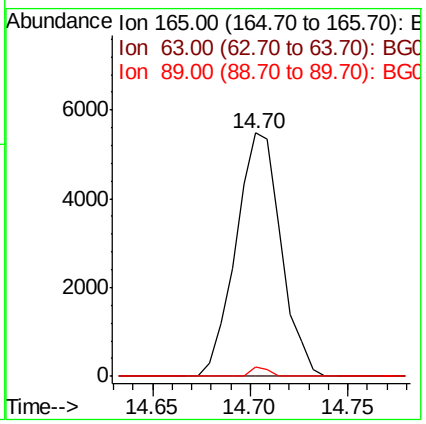


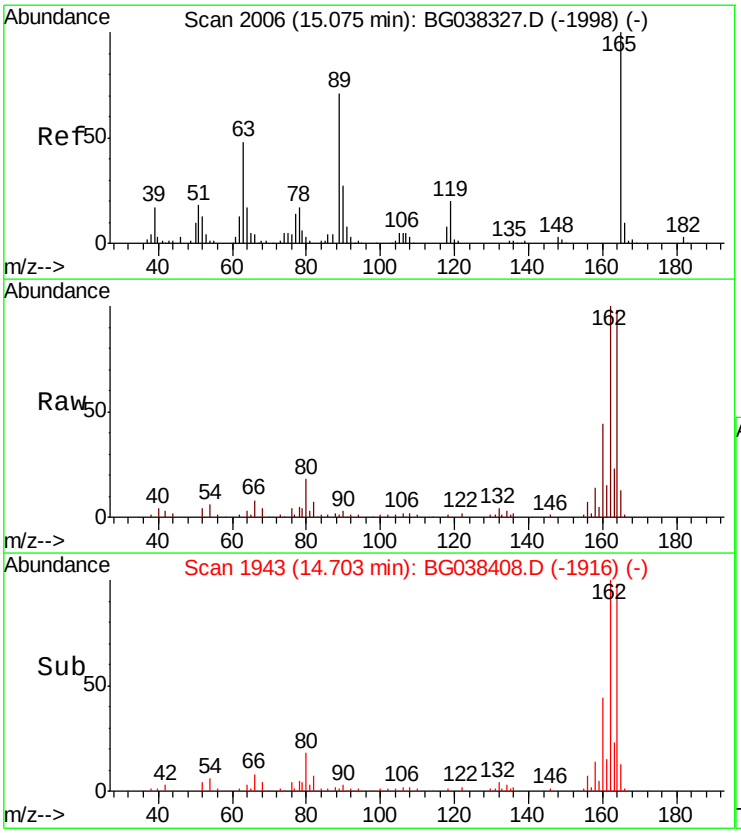
#51
2,6-Dinitrotoluene
Concen: 7.091 ng
RT: 14.70 min Scan# 1943
Delta R.T. 0.41 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-A

Tgt Ion:165 Resp: 8760

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	3.8	45.8	68.6#

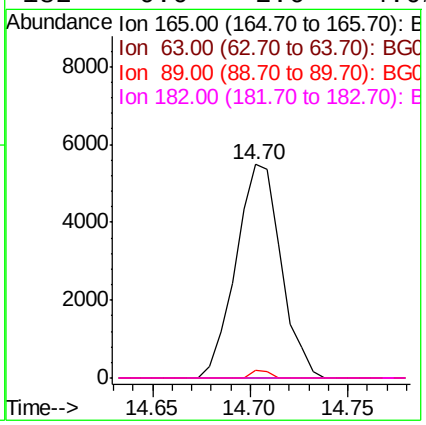


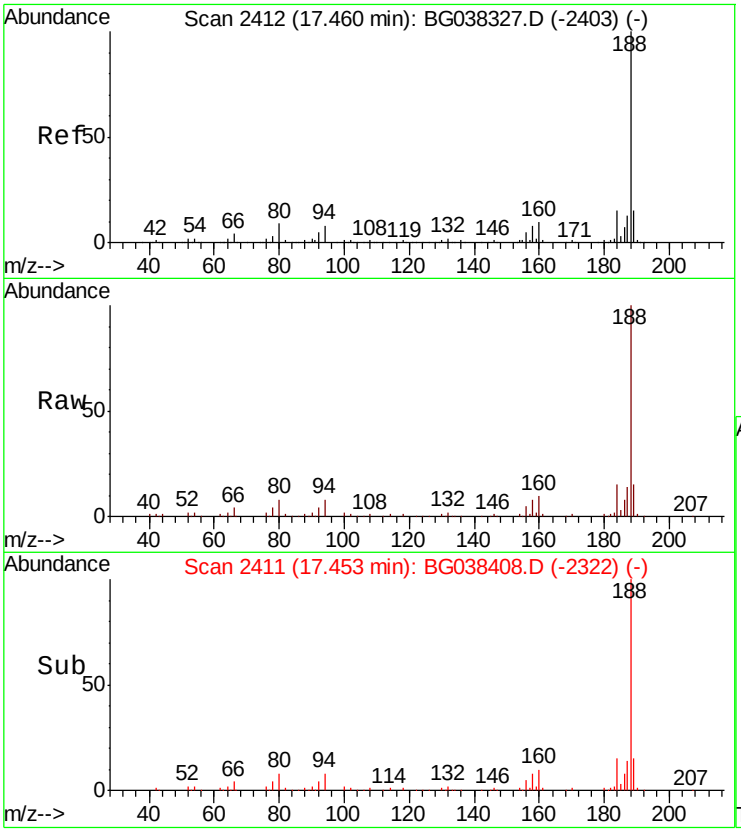


#57
2,4-Dinitrotoluene
Concen: 5.141 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.37 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Tgt Ion:165 Resp: 8760

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	3.8	57.2	85.8#
182	0.0	2.6	4.0#



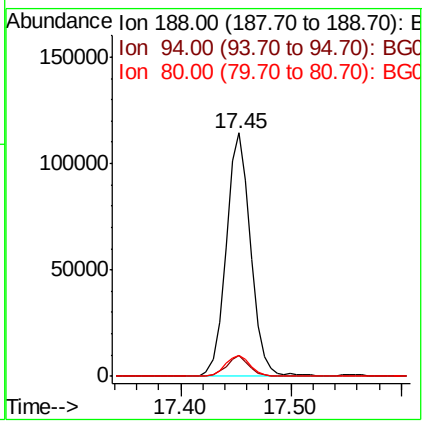


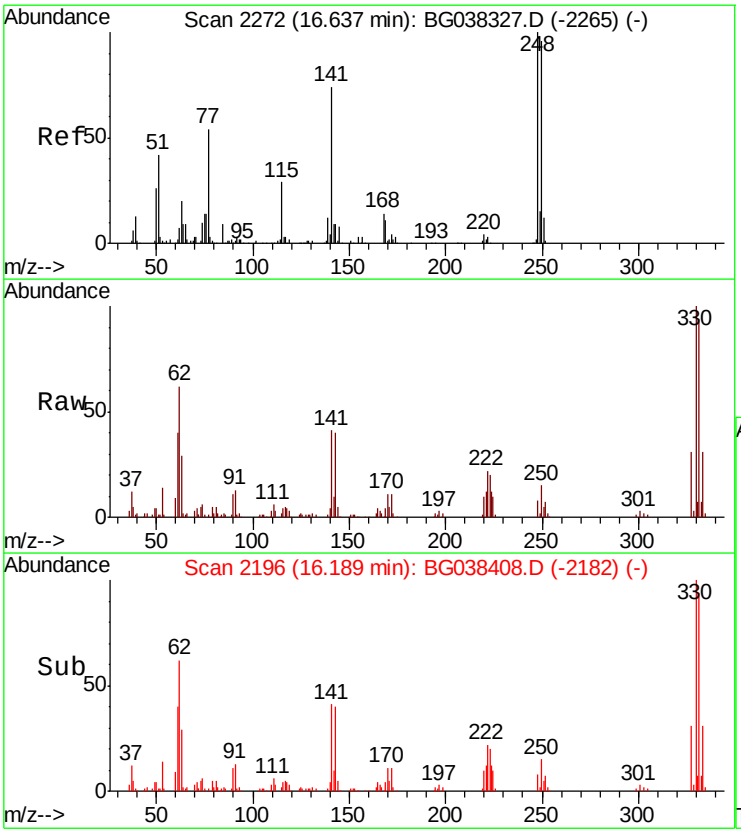
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-A

Tgt Ion:188 Resp: 176868

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	8.5	7.7	11.5

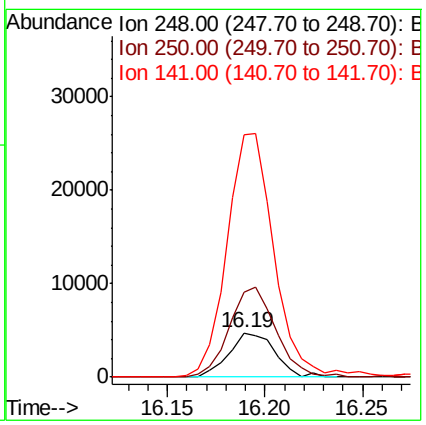


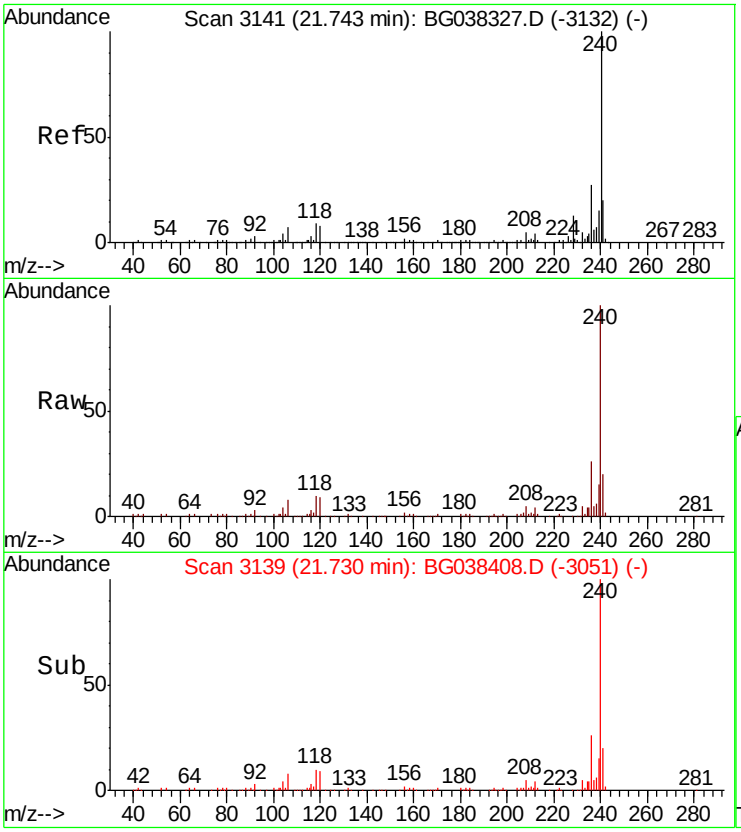


#67
4-Bromophenyl-phenylether
Concen: 4.028 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.45 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Tgt Ion:248 Resp: 7693

Ion	Ratio	Lower	Upper
248	100		
250	196.0	77.0	115.6#
141	421.9	55.5	83.3#



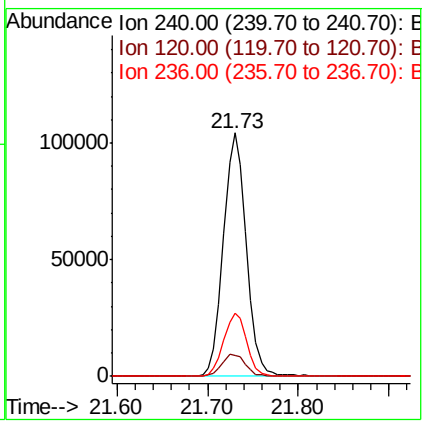


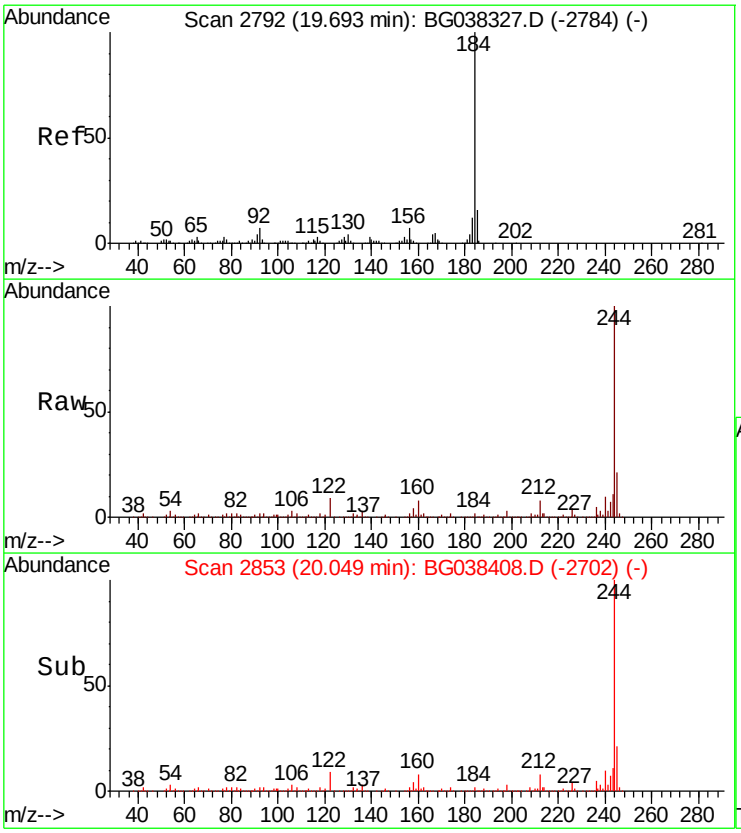
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-A

Tgt Ion:240 Resp: 183270

Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.1	12.1
236	26.0	21.4	32.0

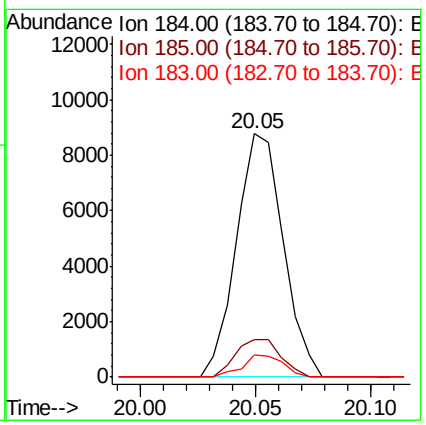


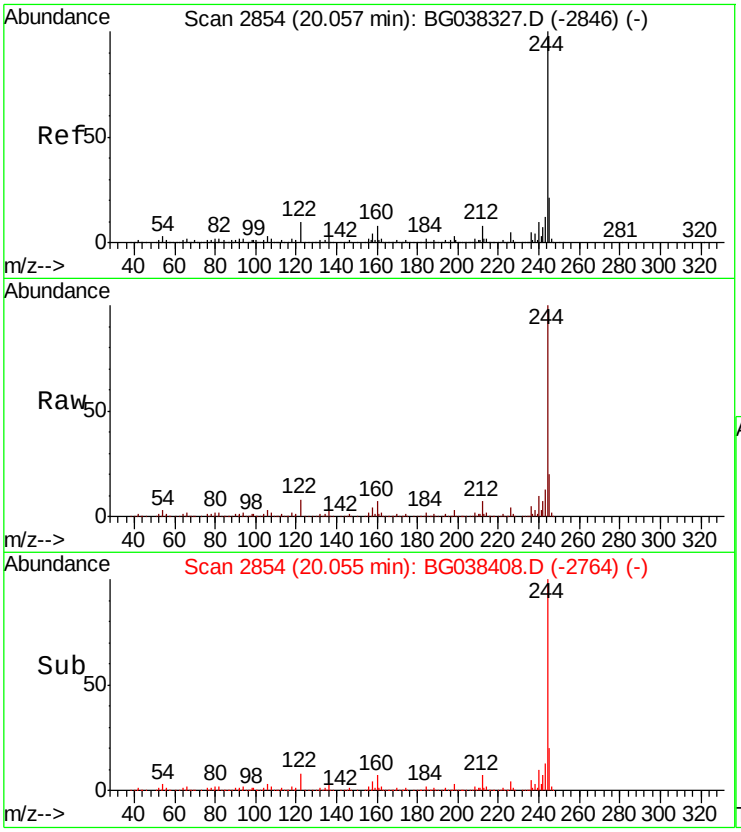


#77
Benzidine
Concen: 2.003 ng
RT: 20.05 min Scan# 2853
Delta R.T. 0.36 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Tgt Ion:184 Resp: 12388

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	9.0	10.2	15.2#



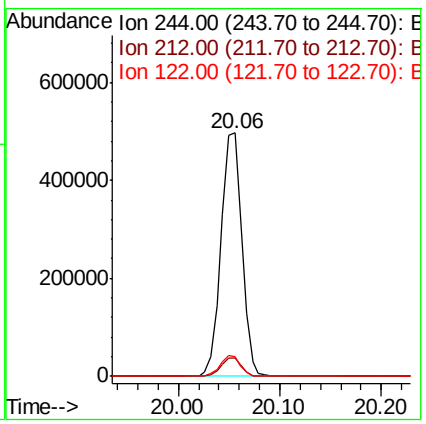


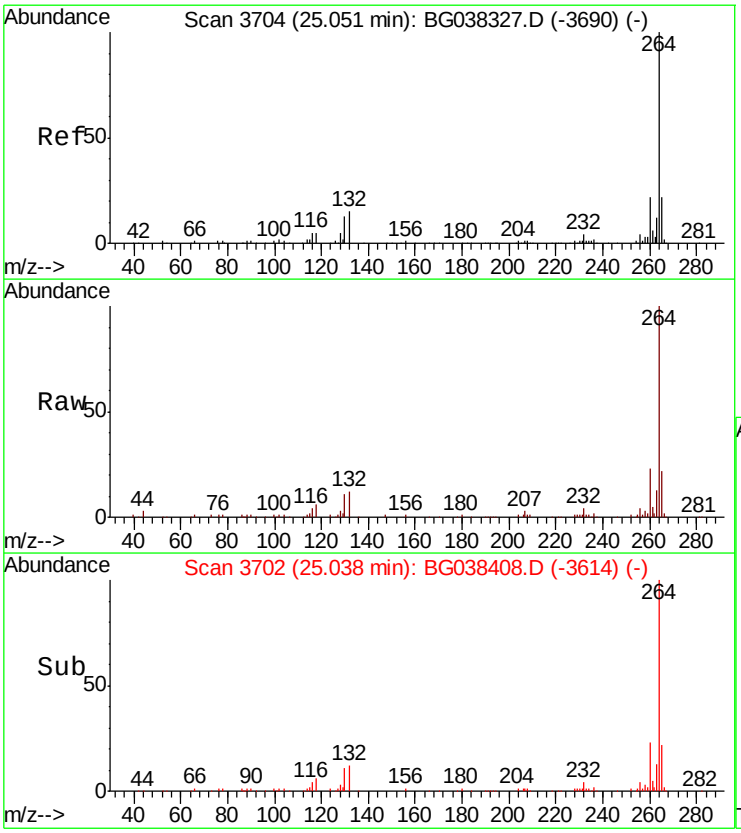
#79
Terphenyl-d14
Concen: 83.567 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-A

Tgt Ion:244 Resp: 714913

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	8.1	9.0	13.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038408.D
Acq: 7 Dec 2018 18:09

Tgt Ion:264 Resp: 187226

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.1	17.9	26.9