Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
Data File : BG038474.D
Acq On : 11 Dec 2018 17:59
Operator : JU/SJ
Sample : J6195-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-121018-A

Quant Time: Dec 12 03:16:33 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	22815	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	97324	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	67614	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	174547	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	172722	20.00	ng	-0.01
87) Perylene-d12	25.04	264	169796	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	191234	148.33	ng	0.00
7) Phenol-d6	7.22	99	239486	128.52	ng	0.00
23) Nitrobenzene-d5	9.25	82	195954	99.96	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	132624	159.78	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	468941	98.83	ng	0.00
79) Terphenyl-d14	20.05	244	881852	109.38	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.39	79	3186	2.080	ng	# 56
19) n-Nitroso-di-n-propylamine	9.25	70	25937	17.880	ng	# 81
22) Acetophenone	8.91	105	53	Below Cal		# 48
51) 2,6-Dinitrotoluene	14.70	165	8933	7.211	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	8933	5.228	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	8673	4.601	ng	# 1
77) Benzidine	20.05	184	15455	2.652	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
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OR-02-121018-A

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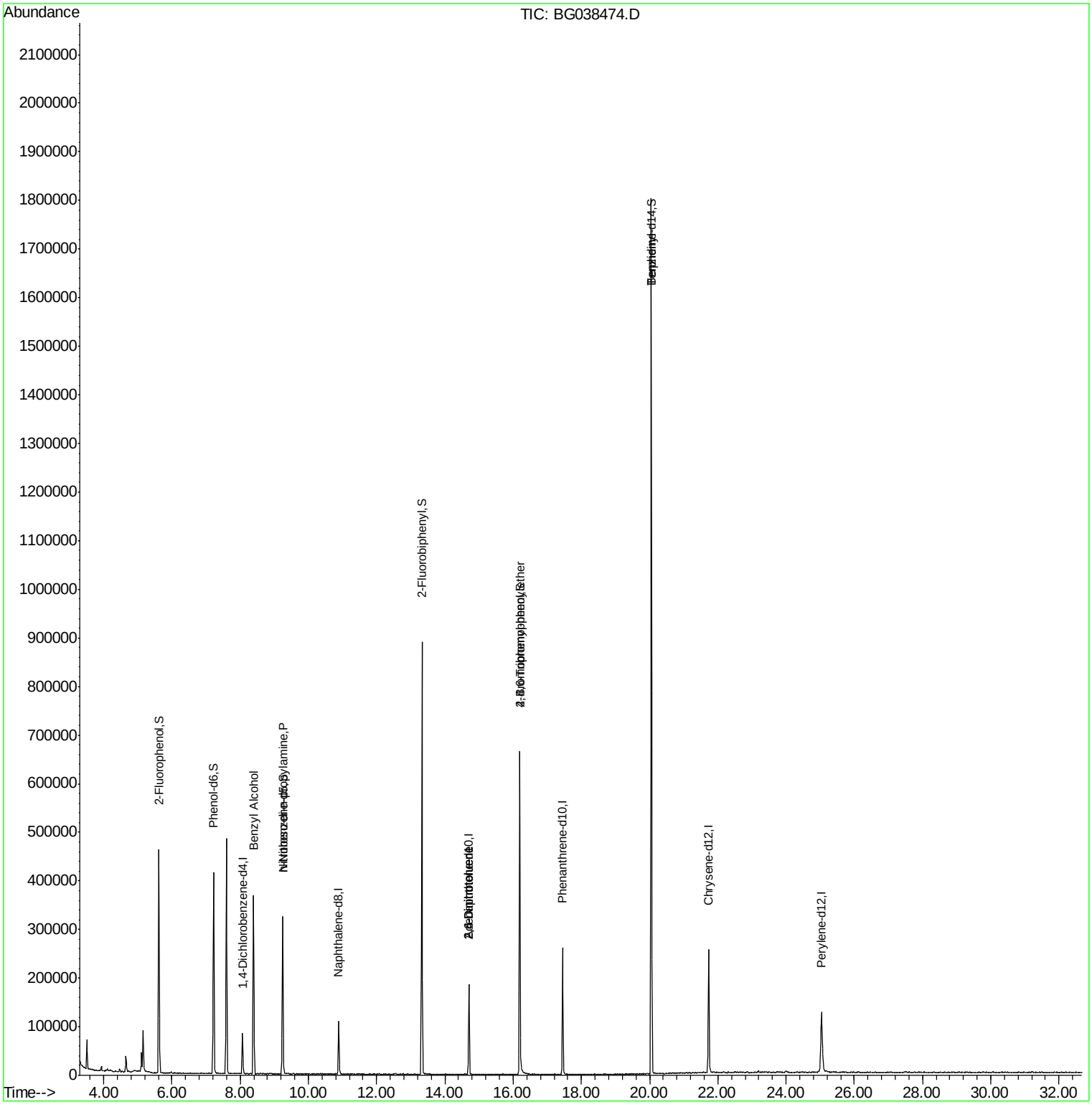
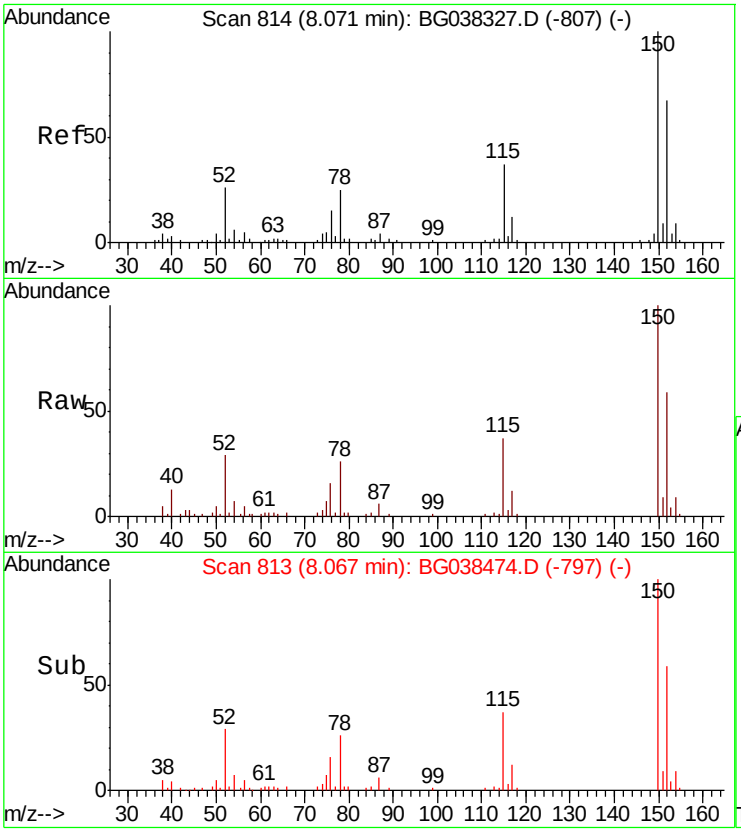


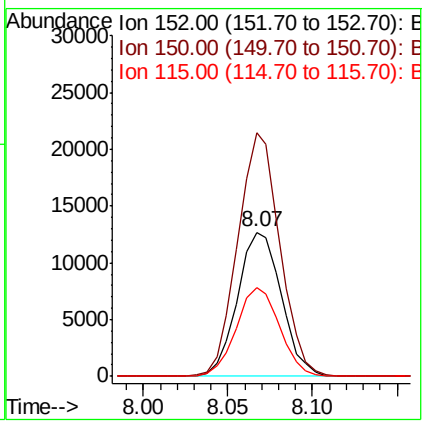


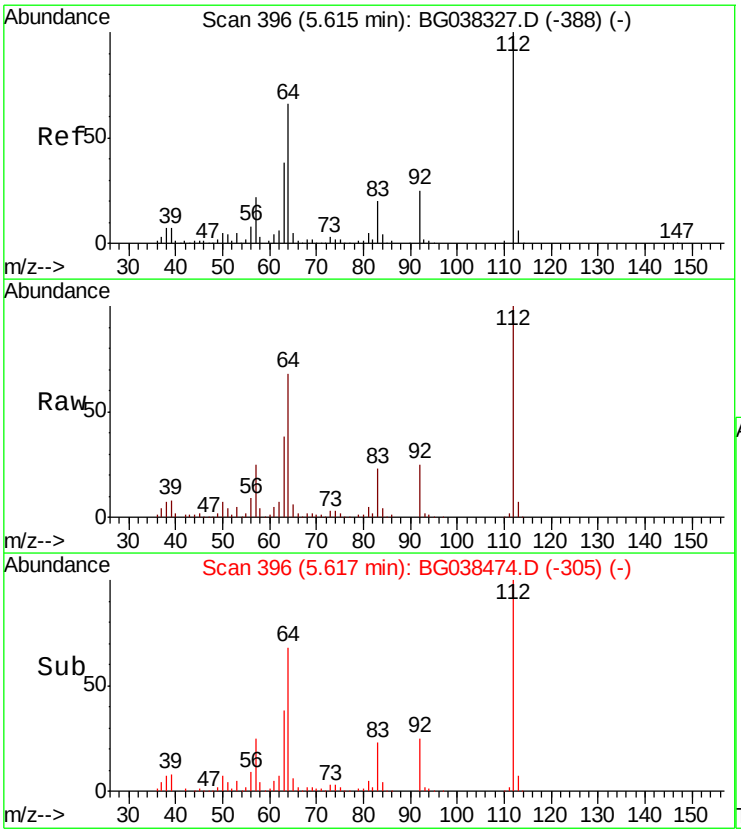
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-A

Tgt Ion:152 Resp: 22815

Ion	Ratio	Lower	Upper
152	100		
150	169.3	126.0	189.0
115	62.1	45.5	68.3

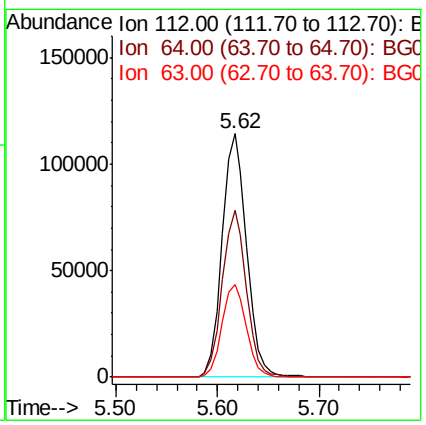


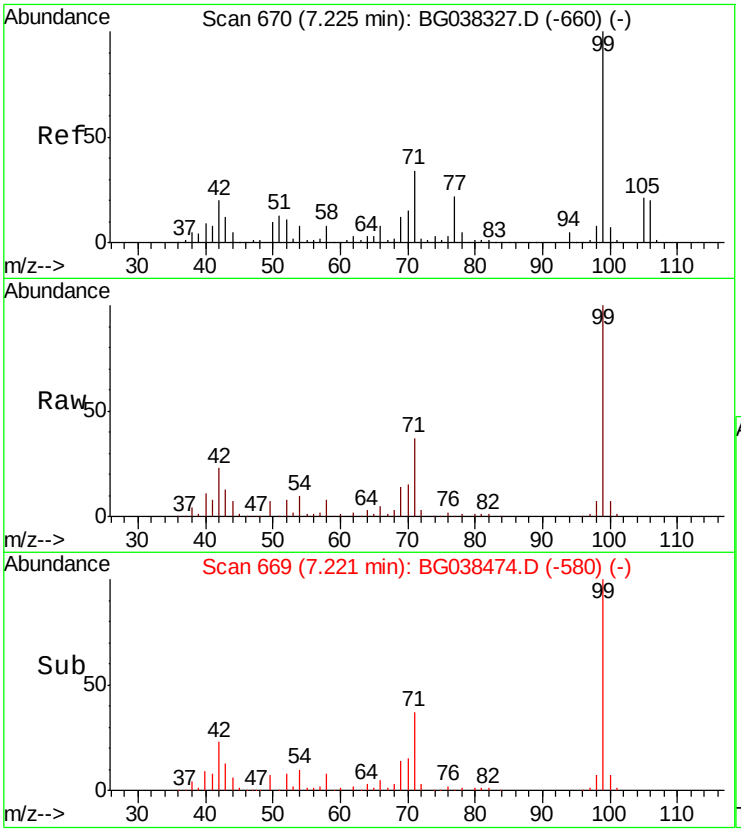


#5
2-Fluorophenol
Concen: 148.330 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Tgt Ion:112 Resp: 191234

Ion	Ratio	Lower	Upper
112	100		
64	68.5	53.1	79.7
63	38.3	27.3	40.9



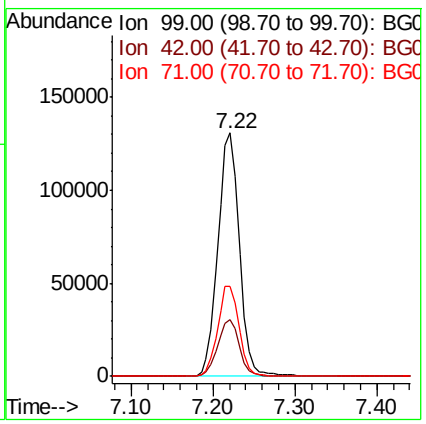


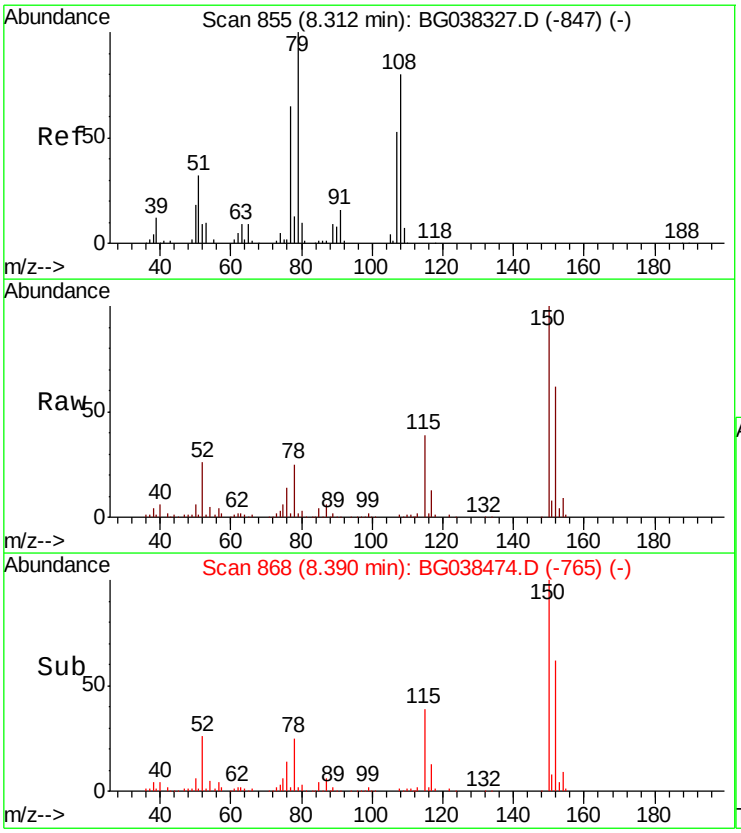
#7
Phenol-d6
Concen: 128.522 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-A

Tgt Ion: 99 Resp: 239486

Ion	Ratio	Lower	Upper
99	100		
42	23.5	15.0	22.4#
71	37.1	25.5	38.3

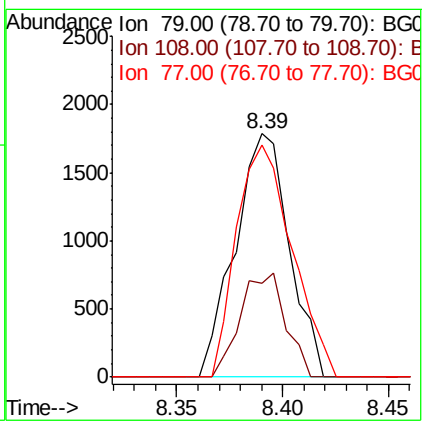


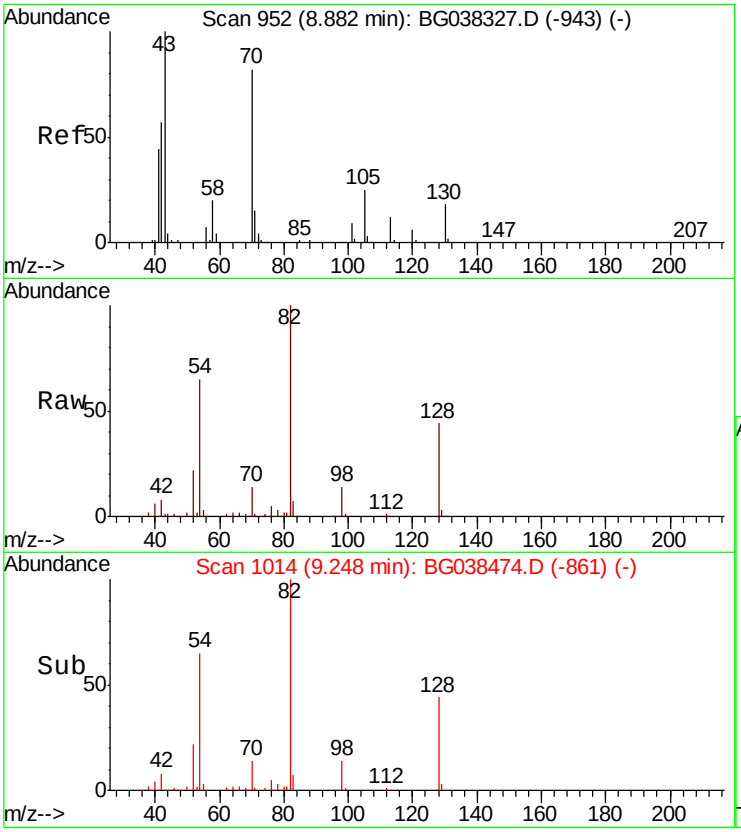


#15
Benzyl Alcohol
Concen: 2.080 ng
RT: 8.39 min Scan# 868
Delta R.T. 0.08 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Tgt Ion: 79 Resp: 3186

Ion	Ratio	Lower	Upper
79	100		
108	38.3	65.8	98.8#
77	95.3	52.9	79.3#



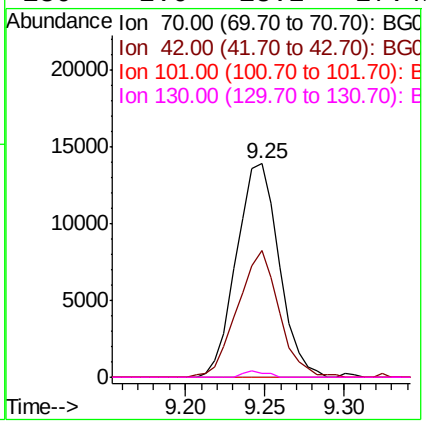


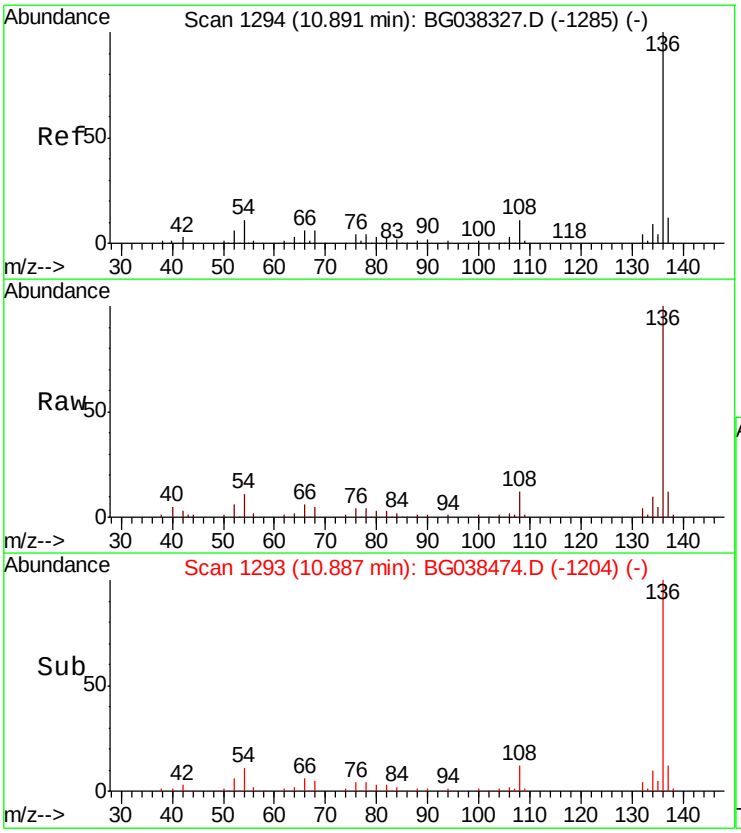
#19
n-Nitroso-di-n-propylamine
Concen: 17.880 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.37 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-A

Tgt Ion: 70 Resp: 25937

Ion	Ratio	Lower	Upper
70	100		
42	59.4	53.9	80.9
101	0.0	8.2	12.2#
130	2.0	18.2	27.4#

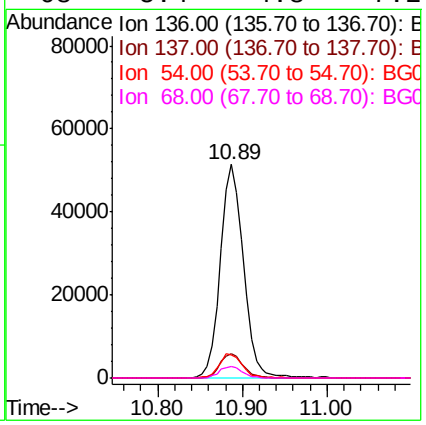


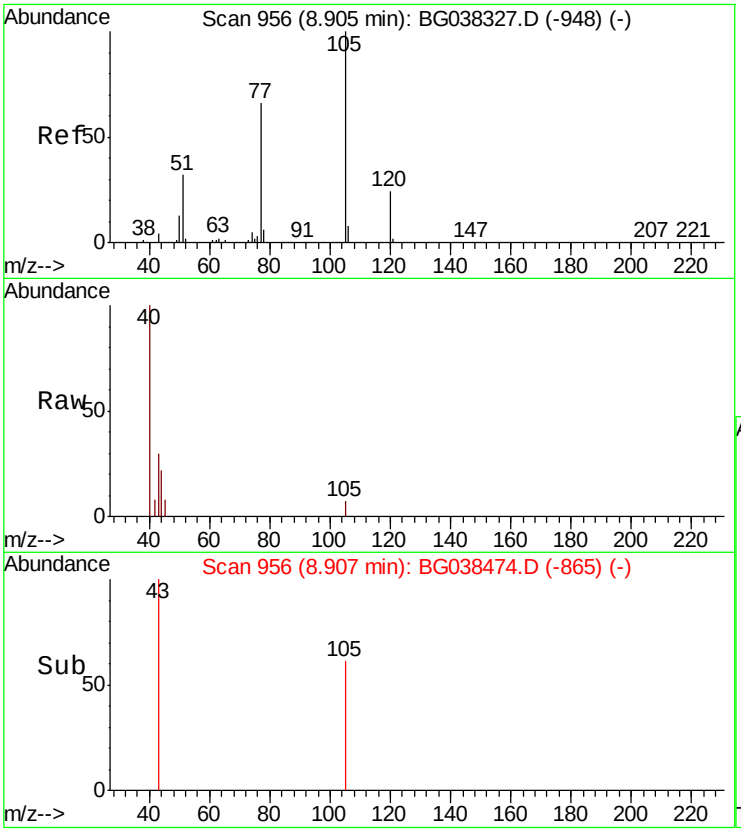


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Tgt Ion:136 Resp: 97324

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.7	7.9	11.9
68	5.4	4.8	7.2



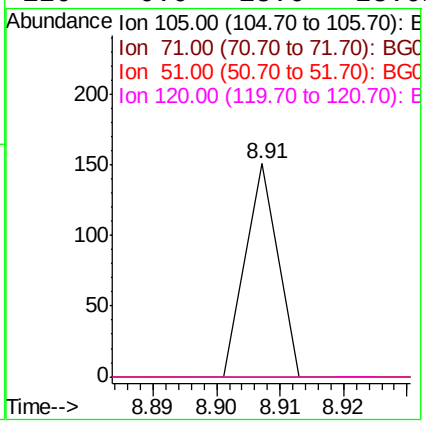


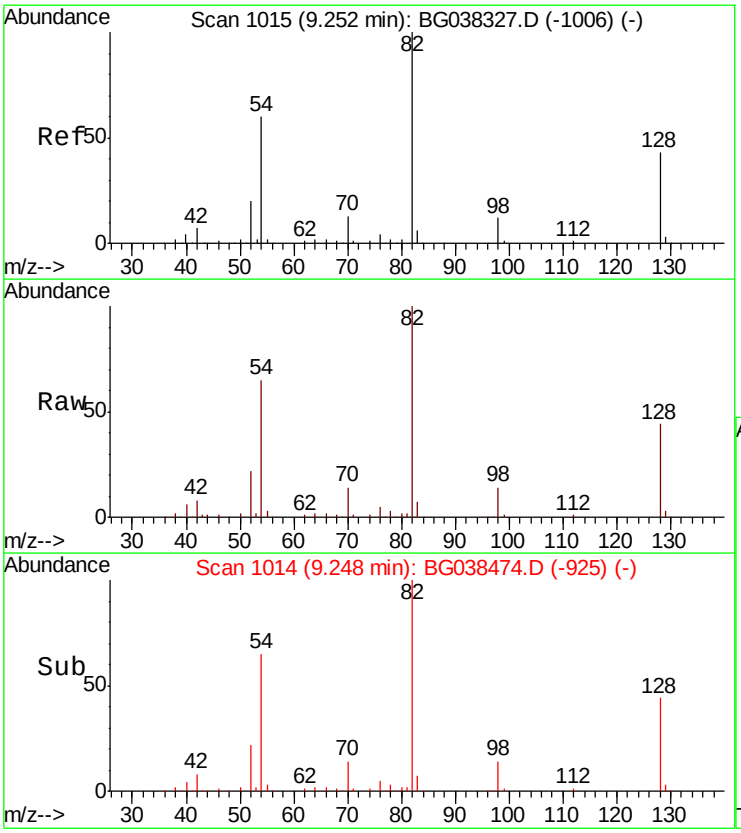
#22
Acetophenone
Concen: Below Cal
RT: 8.91 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-A

Tgt Ion:105 Resp: 53

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

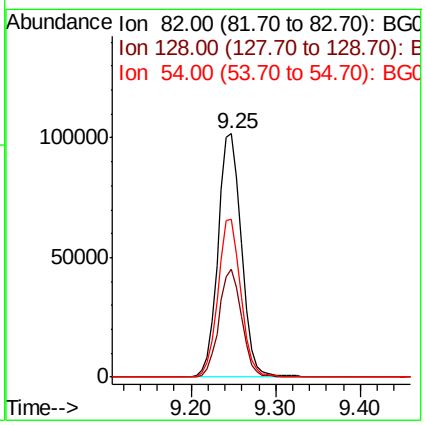


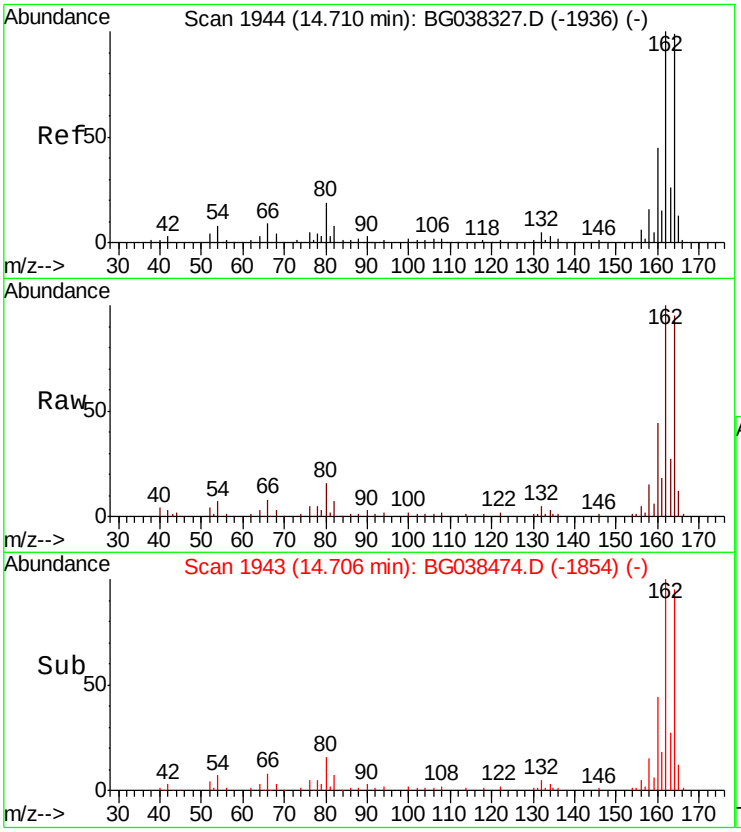


#23
Nitrobenzene-d5
Concen: 99.962 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Tgt Ion: 82 Resp: 195954

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	64.7	45.3	67.9



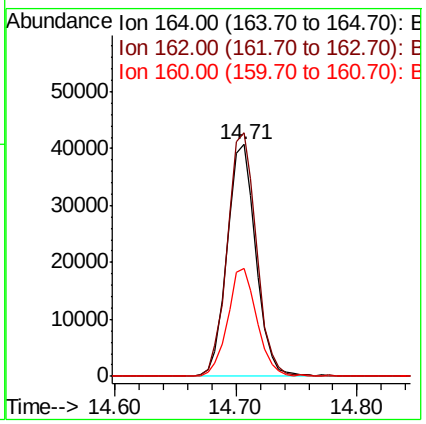


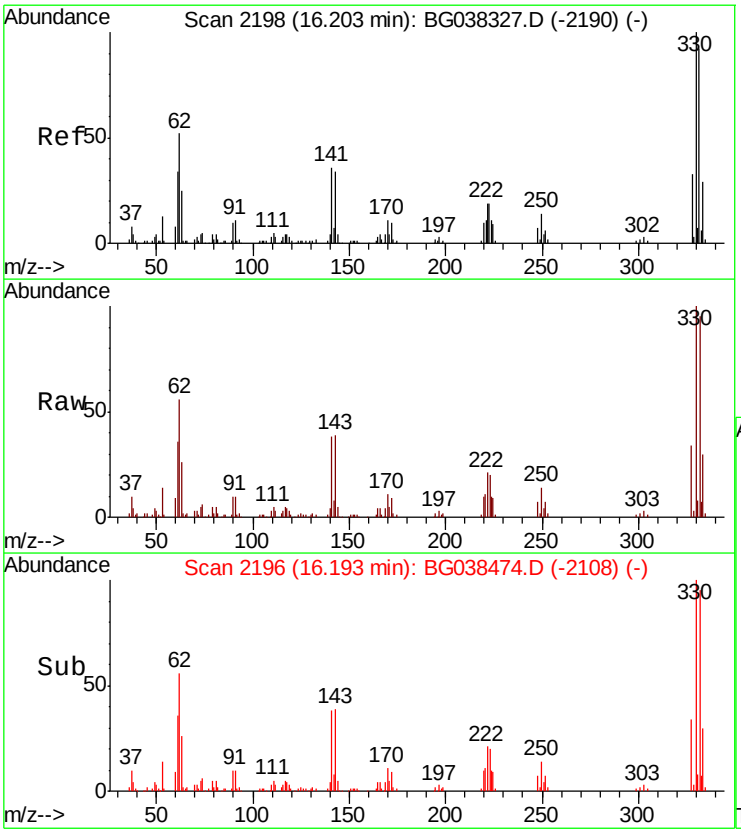
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-A

Tgt Ion:164 Resp: 67614

Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.3	121.9
160	46.6	36.3	54.5

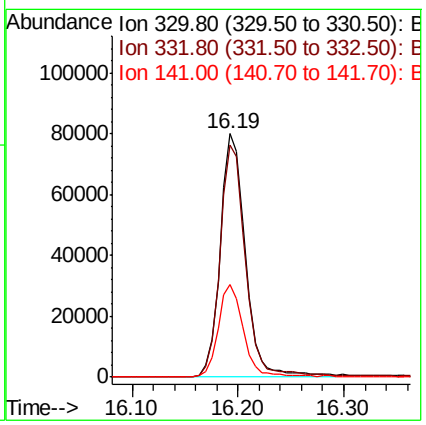


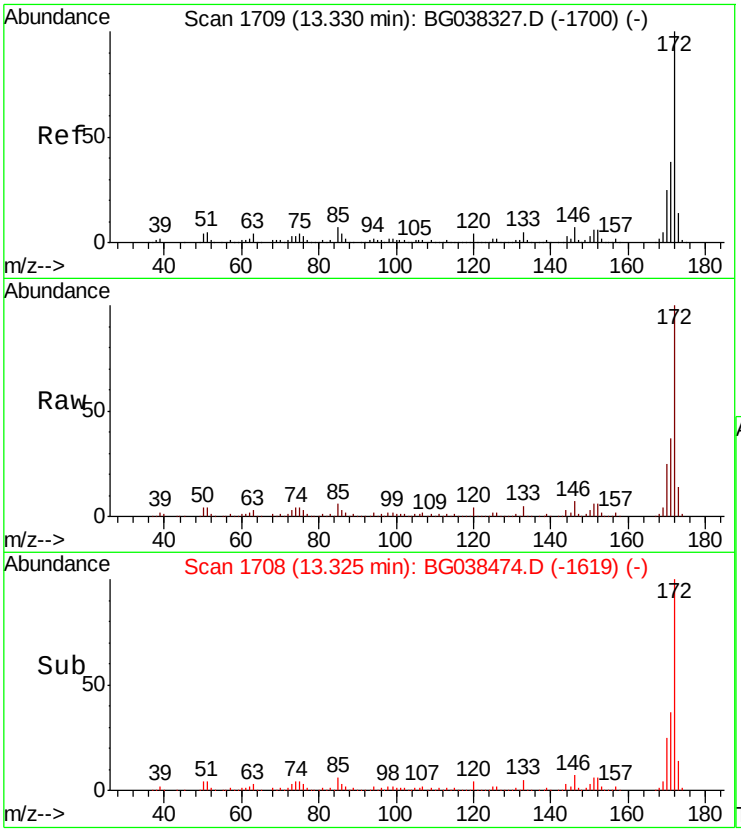


#42
2,4,6-Tribromophenol
Concen: 159.779 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Tgt Ion:330 Resp: 132624

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.4	117.6
141	38.6	32.2	48.2



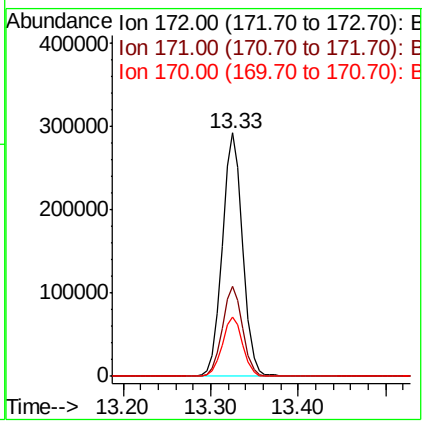


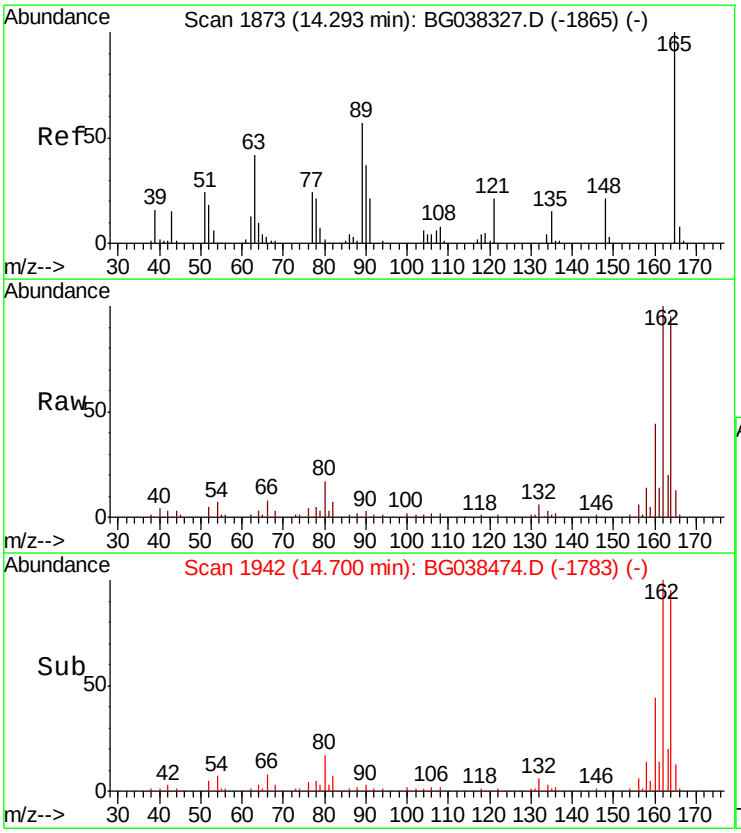
#45
2-Fluorobiphenyl
Concen: 98.826 ng
RT: 13.33 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-A

Tgt Ion:172 Resp: 468941

Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.6	20.2	30.2

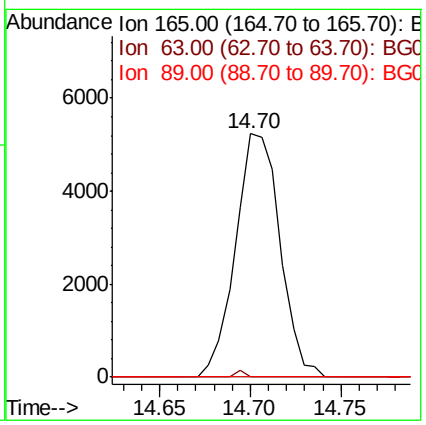


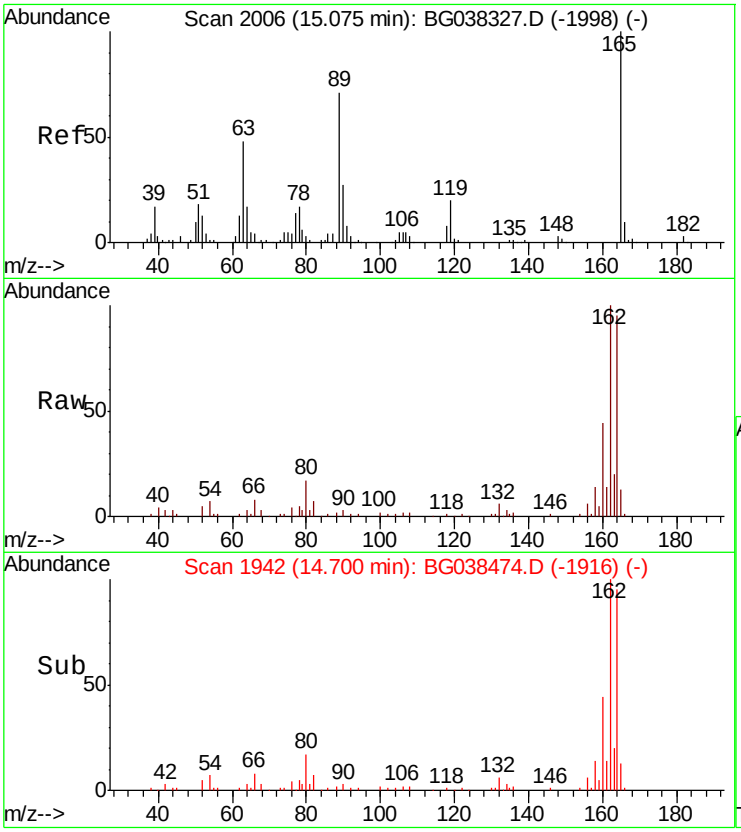


#51
2,6-Dinitrotoluene
Concen: 7.211 ng
RT: 14.70 min Scan# 1942
Delta R.T. 0.41 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Tgt Ion:165 Resp: 8933

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



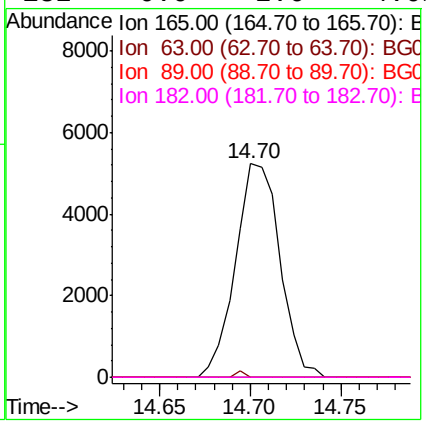


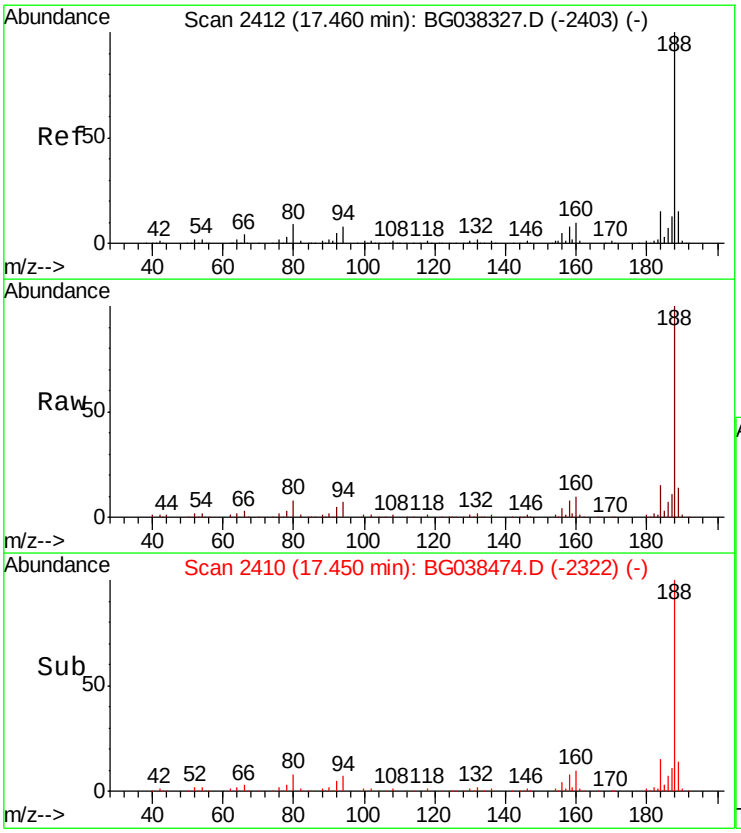
#57
2,4-Dinitrotoluene
Concen: 5.228 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.37 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-A

Tgt Ion:165 Resp: 8933

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

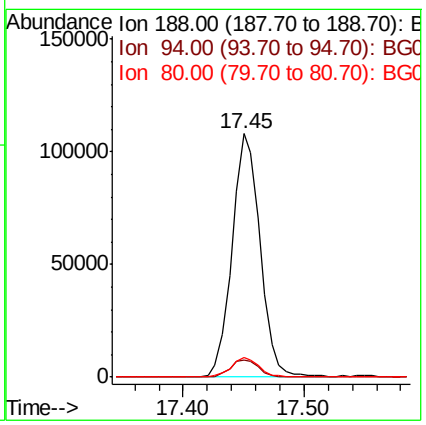


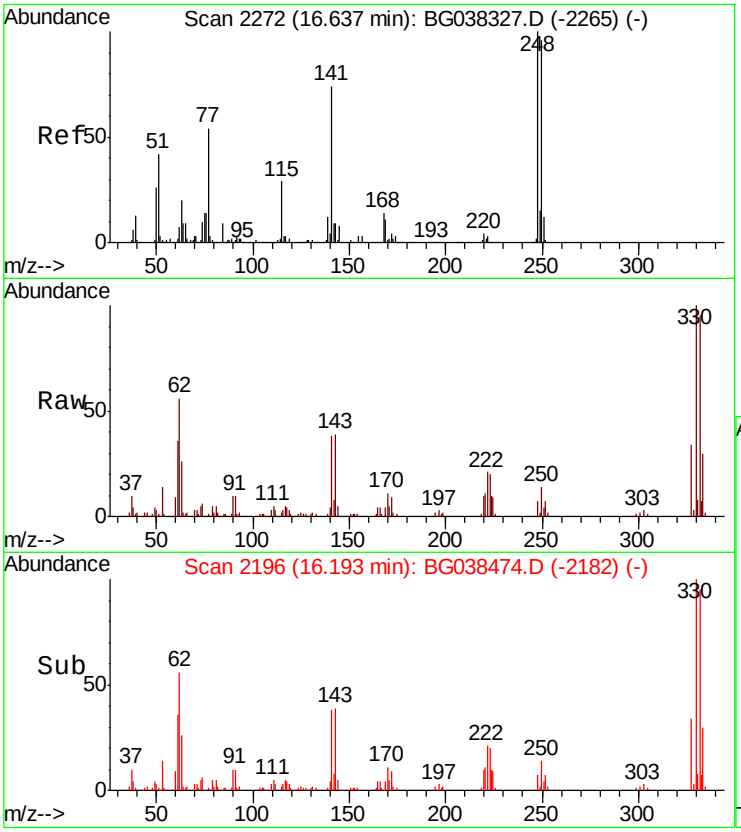


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Tgt Ion:188 Resp: 174547

Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.2	10.8#
80	8.2	7.7	11.5



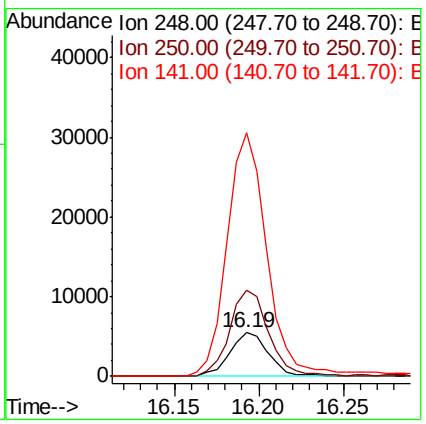


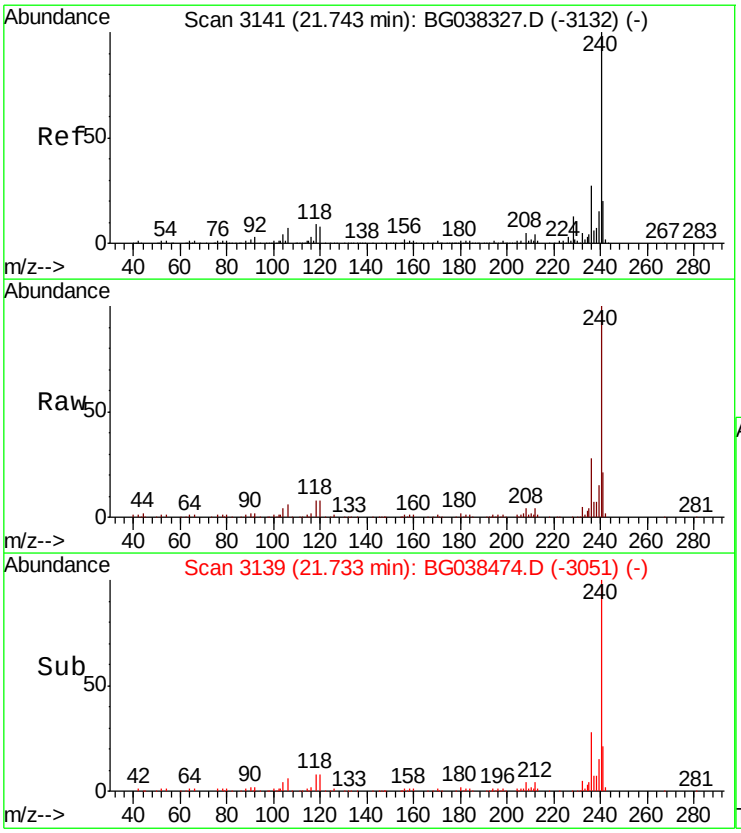
#67
4-Bromophenyl-phenylether
Concen: 4.601 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.44 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-A

Tgt Ion:248 Resp: 8673

Ion	Ratio	Lower	Upper
248	100		
250	192.9	77.0	115.6#
141	416.8	55.5	83.3#

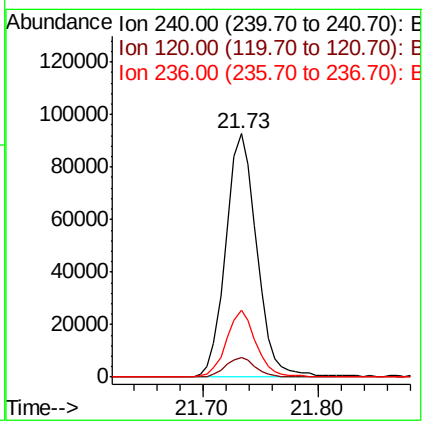


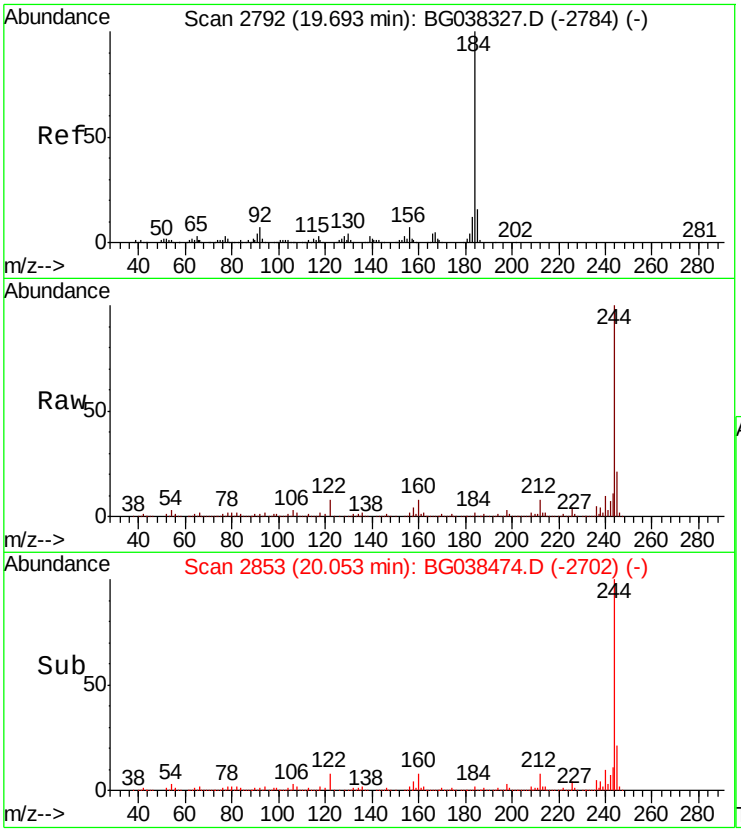


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Tgt Ion:240 Resp: 172722

Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.1	12.1#
236	27.5	21.4	32.0



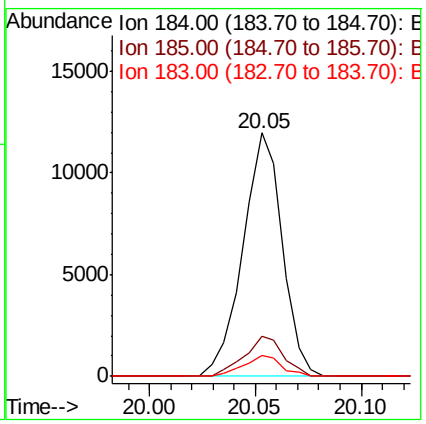


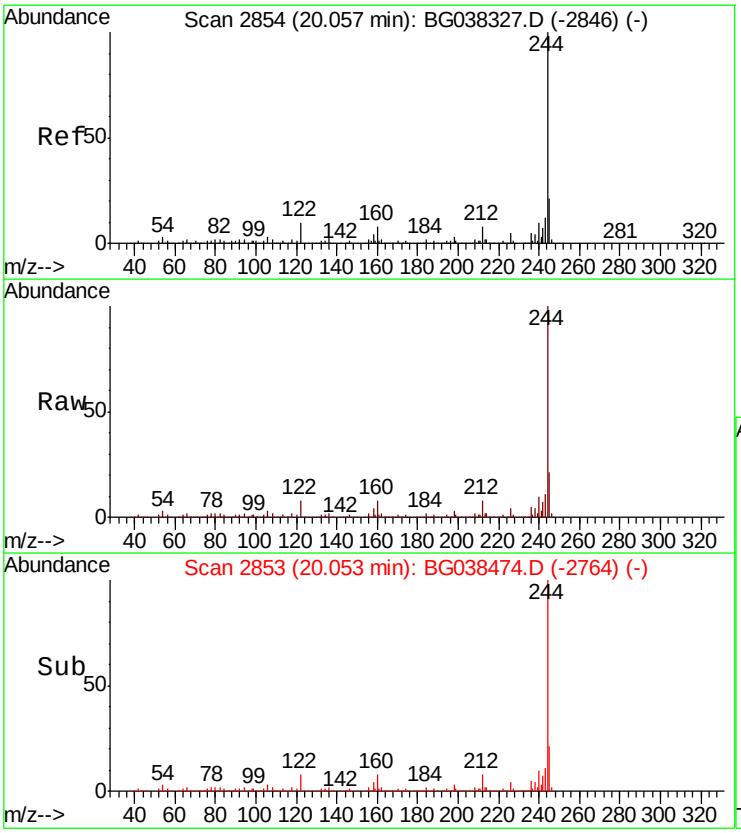
#77
Benzidine
Concen: 2.652 ng
RT: 20.05 min Scan# 2853
Delta R.T. 0.36 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-A

Tgt Ion:184 Resp: 15455

Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.6	18.8
183	8.3	10.2	15.2#

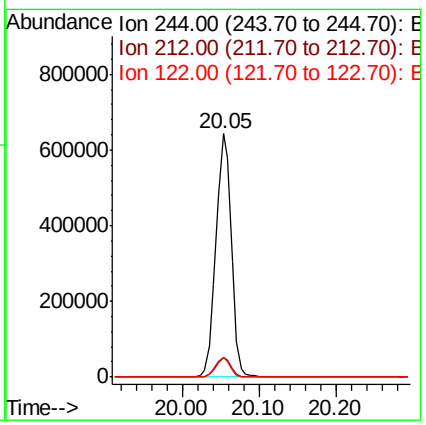


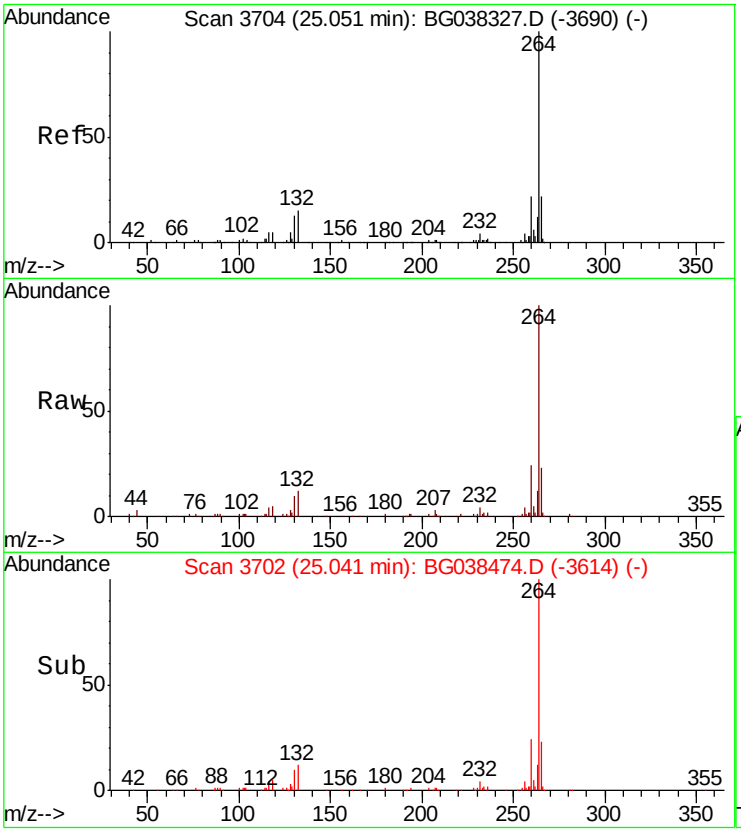


#79
Terphenyl-d14
Concen: 109.375 ng
RT: 20.05 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG038474.D
Acq: 11 Dec 2018 17:59

Tgt Ion:244 Resp: 881852

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	8.2	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: BG038474.D
Acq: 11 Dec 2018 17:59

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-A

Tgt Ion:264 Resp: 169796

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	22.7	17.9	26.9