Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
Data File : BG038483.D
Acq On : 11 Dec 2018 23:54
Operator : JU/SJ
Sample : J6331-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Time: Dec 12 03:18:46 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	25240	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	107516	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	73745	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	179295	20.00	ng	0.00
76) Chrysene-d12	21.73	240	160010	20.00	ng	-0.01
87) Perylene-d12	25.04	264	171214	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	206233	144.60	ng	0.00
7) Phenol-d6	7.22	99	265031	128.57	ng	0.00
23) Nitrobenzene-d5	9.25	82	208211	96.15	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	141510	156.31	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	514843	99.48	ng	0.00
79) Terphenyl-d14	20.06	244	850859	113.92	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.25	70	27644	17.145	ng	# 74
22) Acetophenone	8.90	105	259	Below Cal		# 48
51) 2,6-Dinitrotoluene	14.70	165	9623	7.122	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	9623	5.164	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	9031	4.664	ng	# 1
77) Benzidine	20.06	184	15303	2.834	ng	# 95

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

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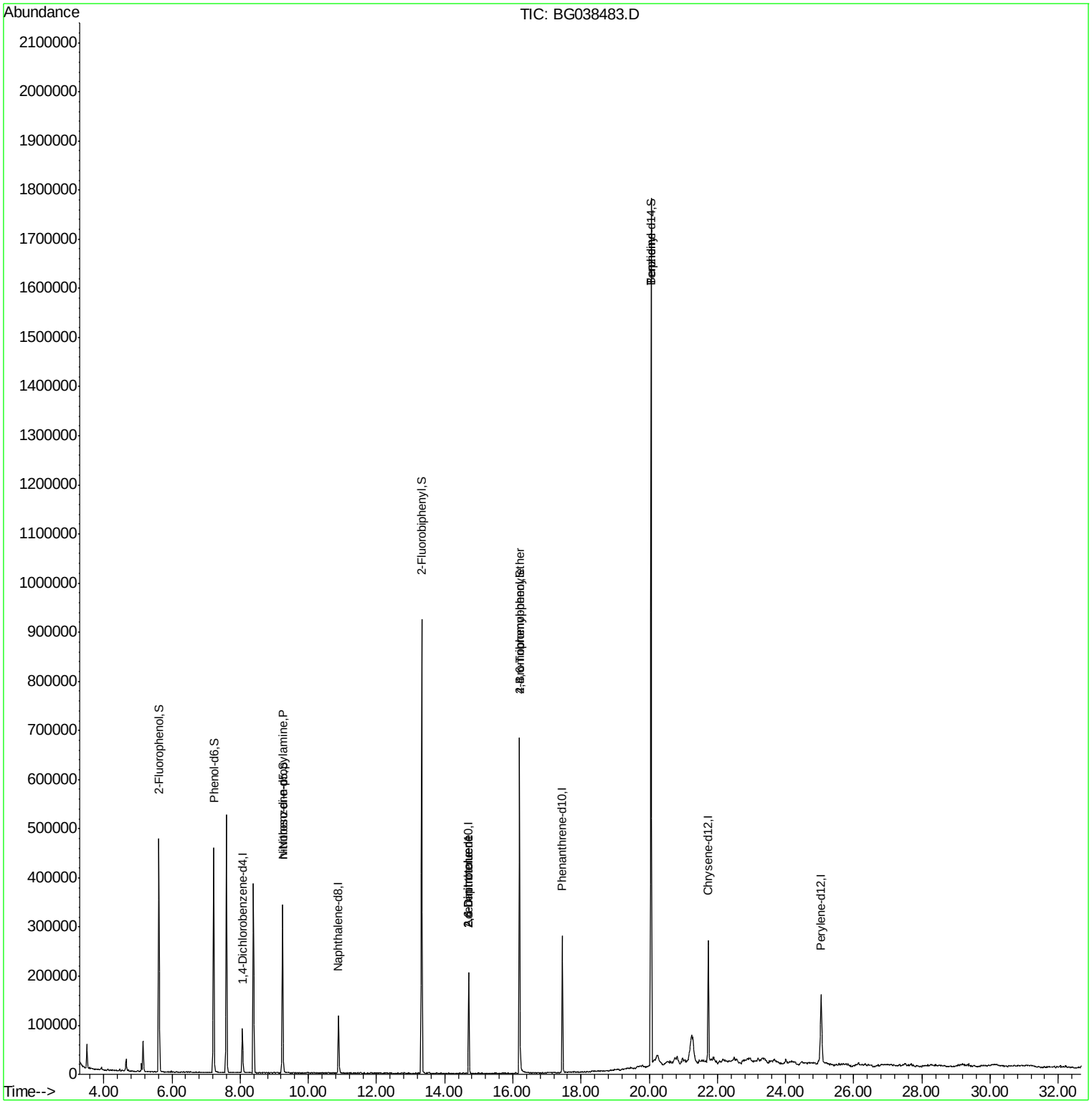
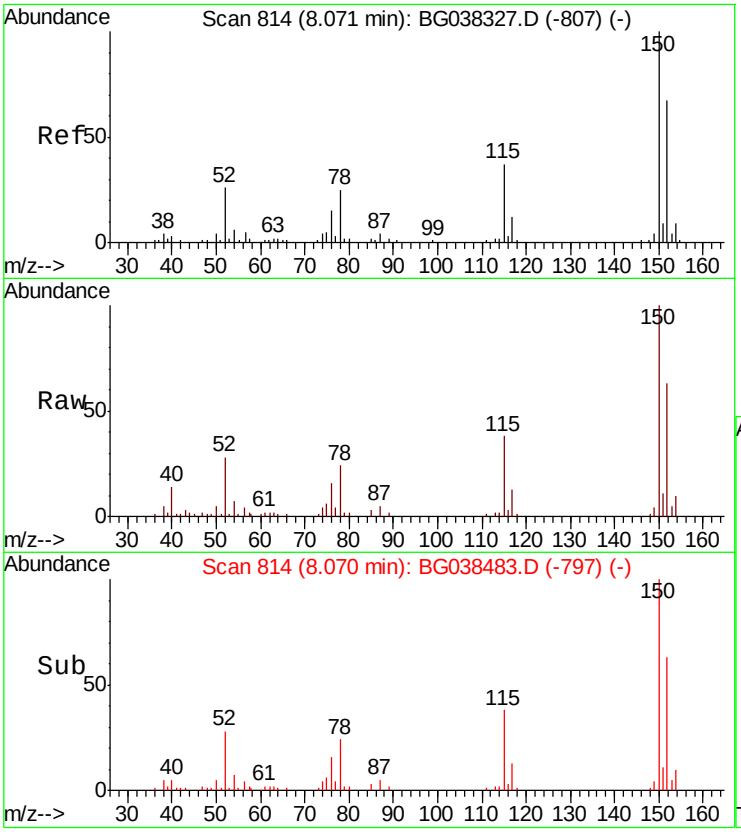


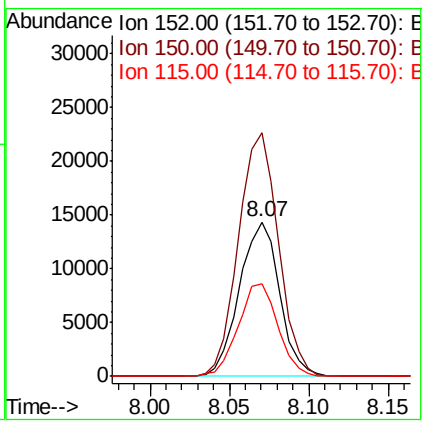


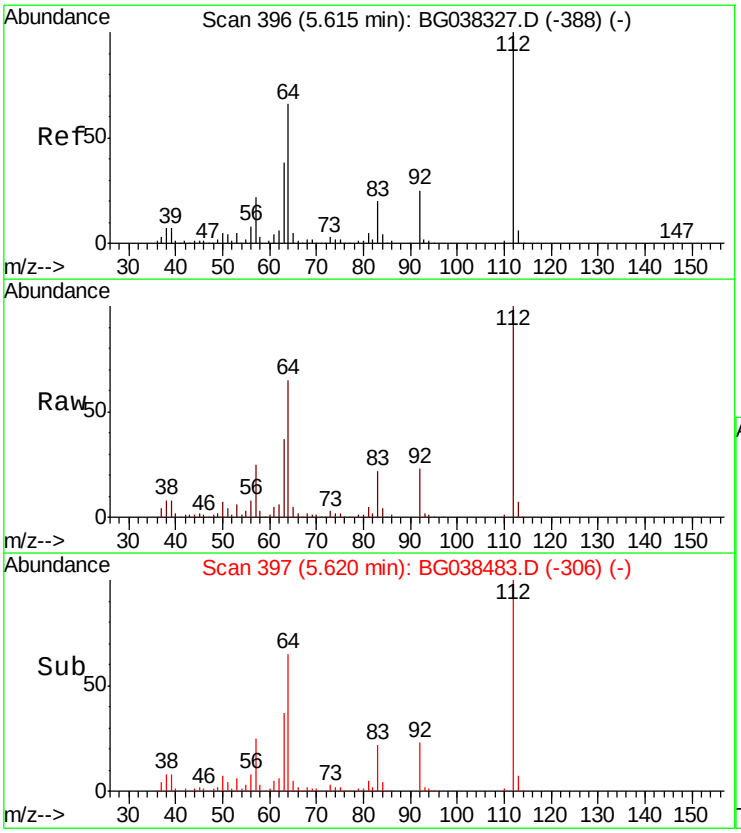
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038483.D
Acq: 11 Dec 2018 23:54

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 25240

Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.0	189.0
115	60.1	45.5	68.3

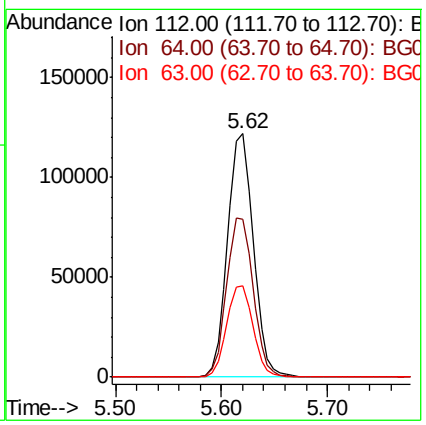


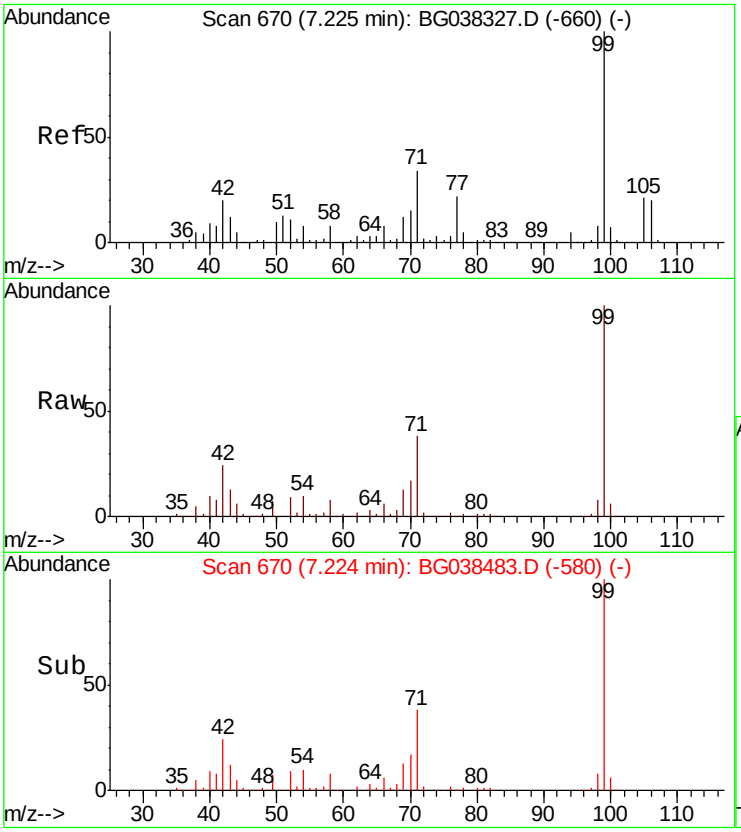


#5
2-Fluorophenol
Concen: 144.595 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.01 min
Lab File: BG038483.D
Acq: 11 Dec 2018 23:54

Tgt Ion:112 Resp: 206233

Ion	Ratio	Lower	Upper
112	100		
64	64.9	53.1	79.7
63	37.4	27.3	40.9



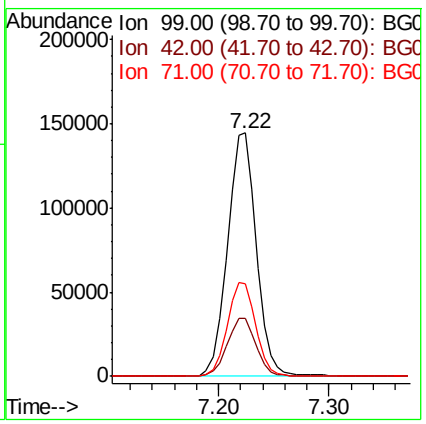


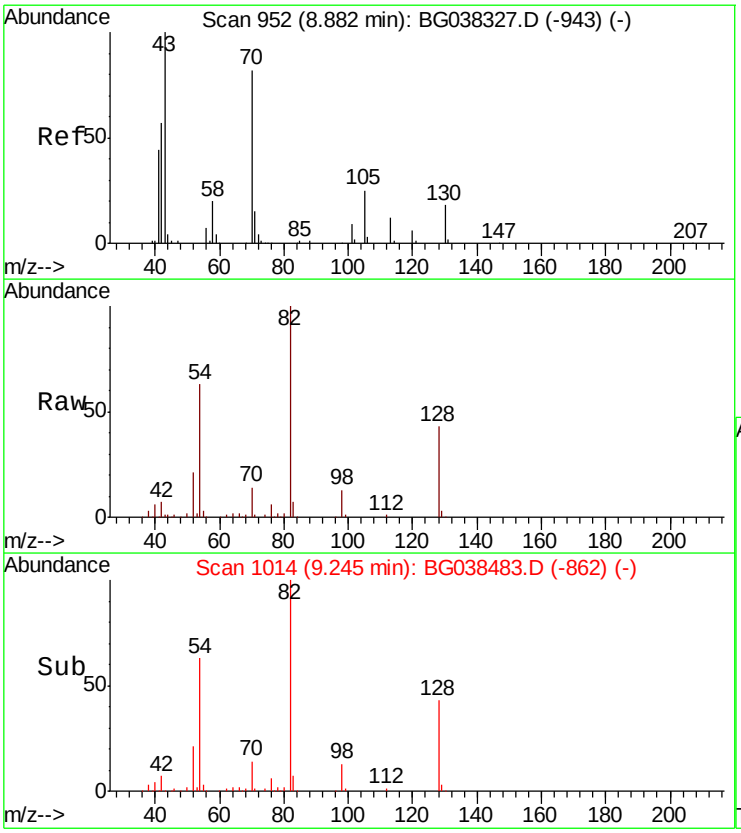
#7
Phenol-d6
Concen: 128.565 ng
RT: 7.22 min Scan# 670
Delta R.T. -0.00 min
Lab File: BG038483.D
Acq: 11 Dec 2018 23:54

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 265031

Ion	Ratio	Lower	Upper
99	100		
42	23.9	15.0	22.4#
71	38.1	25.5	38.3

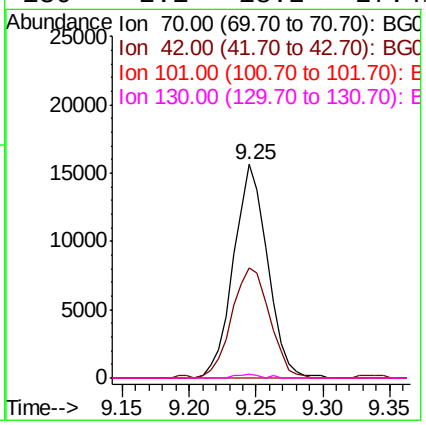


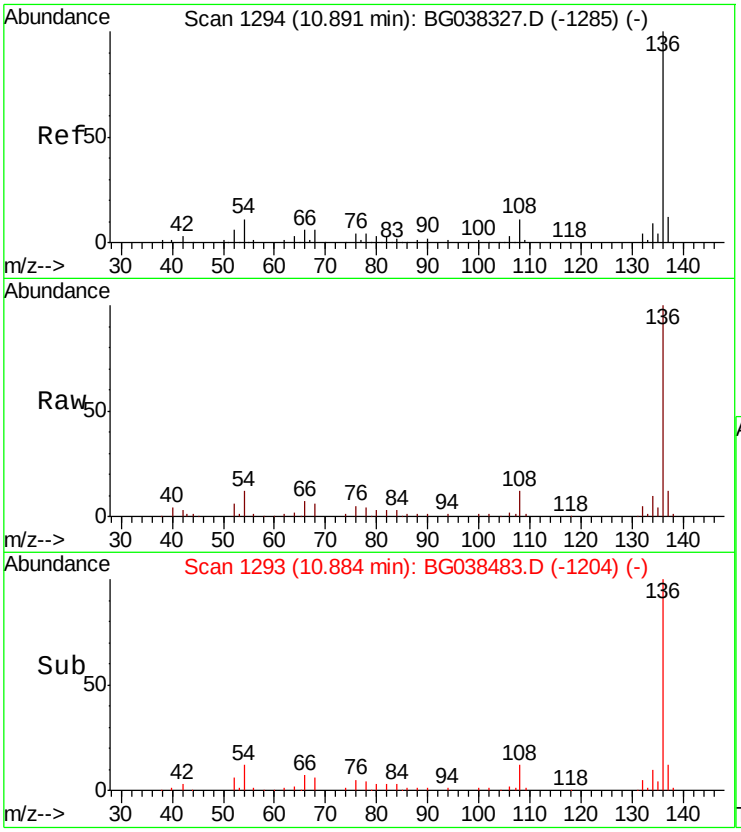


#19
n-Nitroso-di-n-propylamine
Concen: 17.145 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.36 min
Lab File: BG038483.D
Acq: 11 Dec 2018 23:54

Tgt Ion: 70 Resp: 27644

Ion	Ratio	Lower	Upper
70	100		
42	51.7	53.9	80.9#
101	0.0	8.2	12.2#
130	2.1	18.2	27.4#



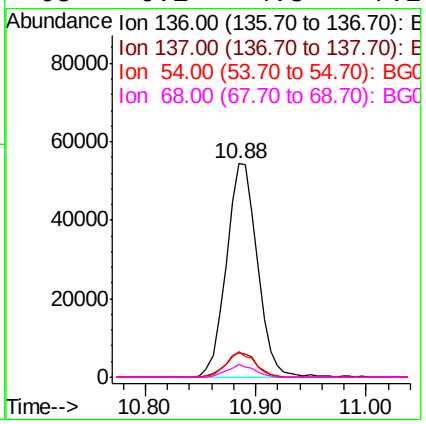


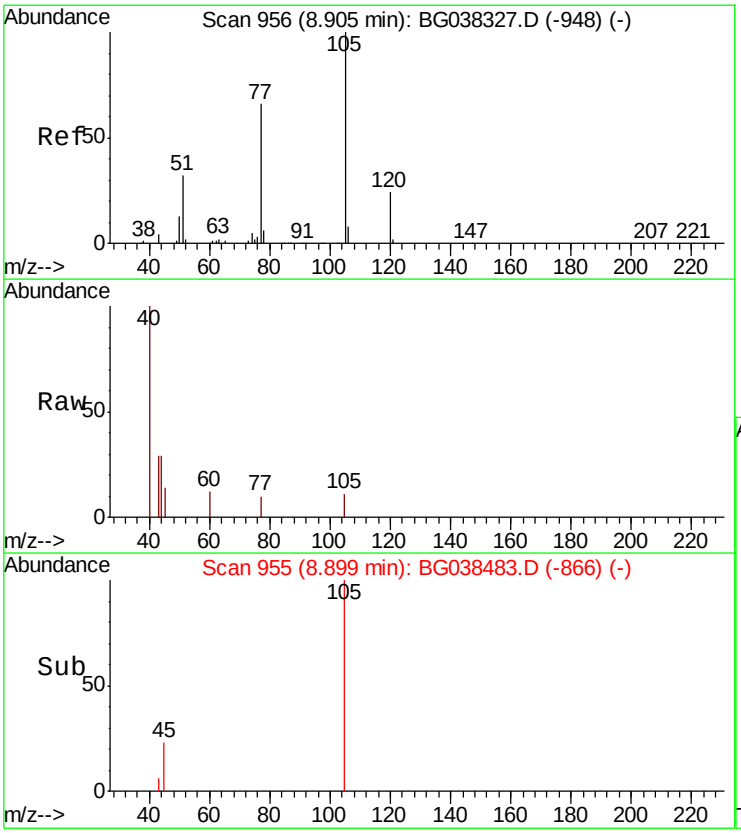
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038483.D
Acq: 11 Dec 2018 23:54

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 107516

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	11.8	7.9	11.9
68	6.1	4.8	7.2

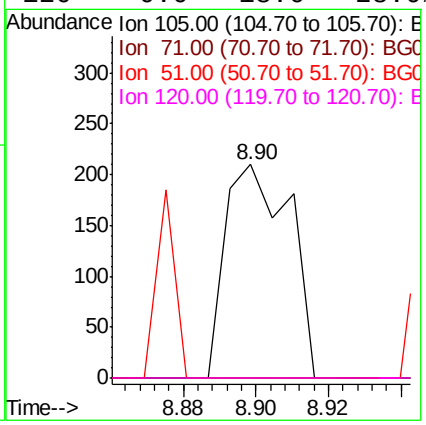


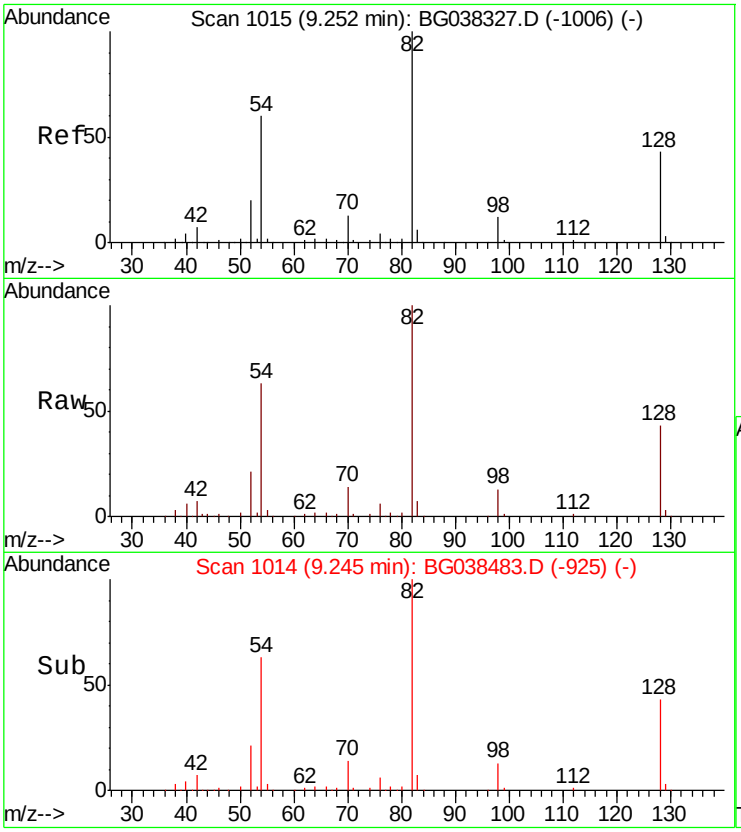


#22
Acetophenone
Concen: Below Cal
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038483.D
Acq: 11 Dec 2018 23:54

Tgt Ion:105 Resp: 259

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#



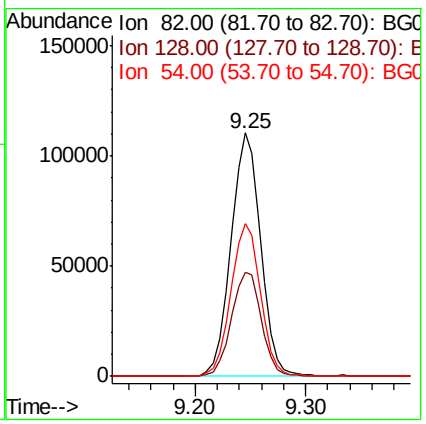


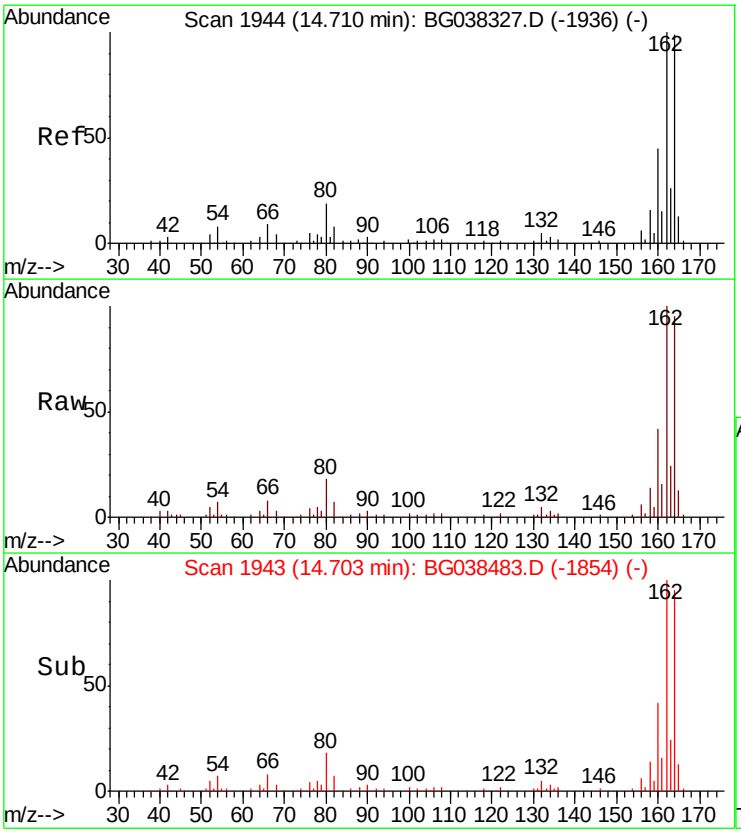
#23
Nitrobenzene-d5
Concen: 96.146 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038483.D
Acq: 11 Dec 2018 23:54

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 208211

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	51.8
54	62.9	45.3	67.9

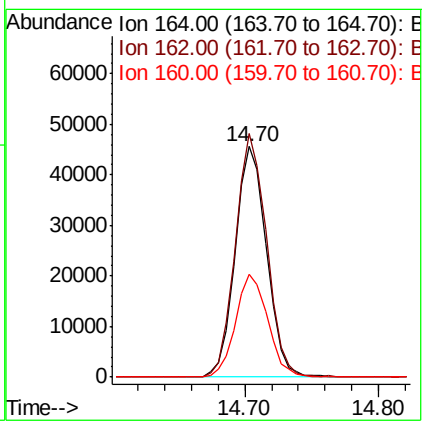


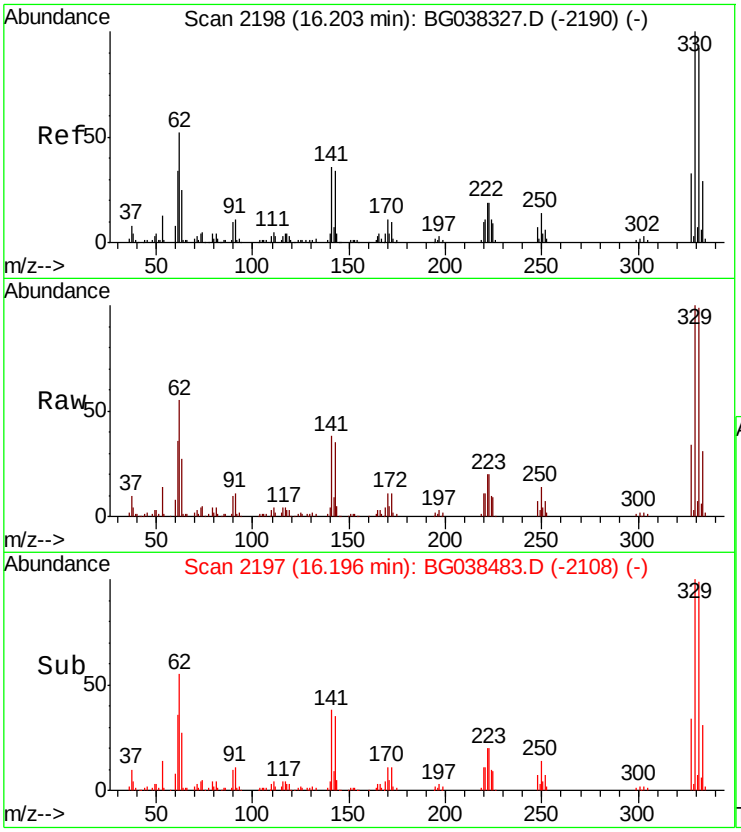


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038483.D
Acq: 11 Dec 2018 23:54

Tgt Ion:164 Resp: 73745

Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.3	121.9
160	44.6	36.3	54.5



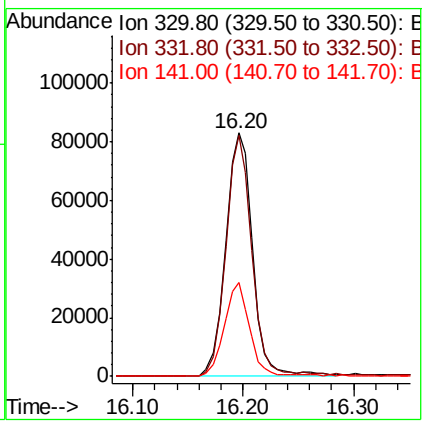


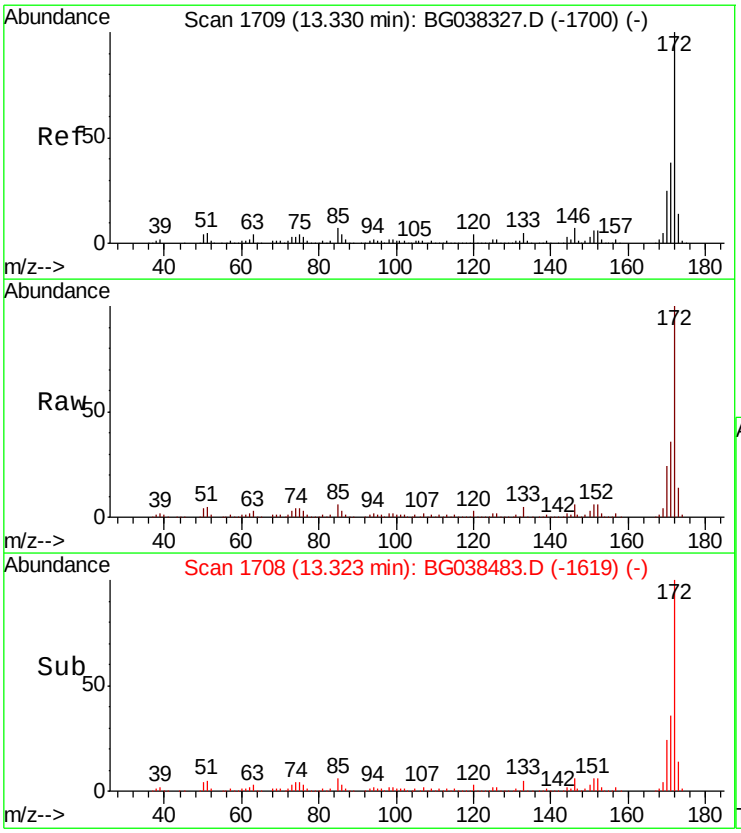
#42
2,4,6-Tribromophenol
Concen: 156.311 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG038483.D
Acq: 11 Dec 2018 23:54

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:330 Resp: 141510

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.4	117.6
141	36.5	32.2	48.2

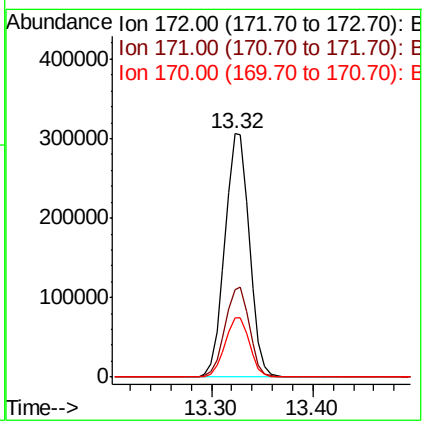


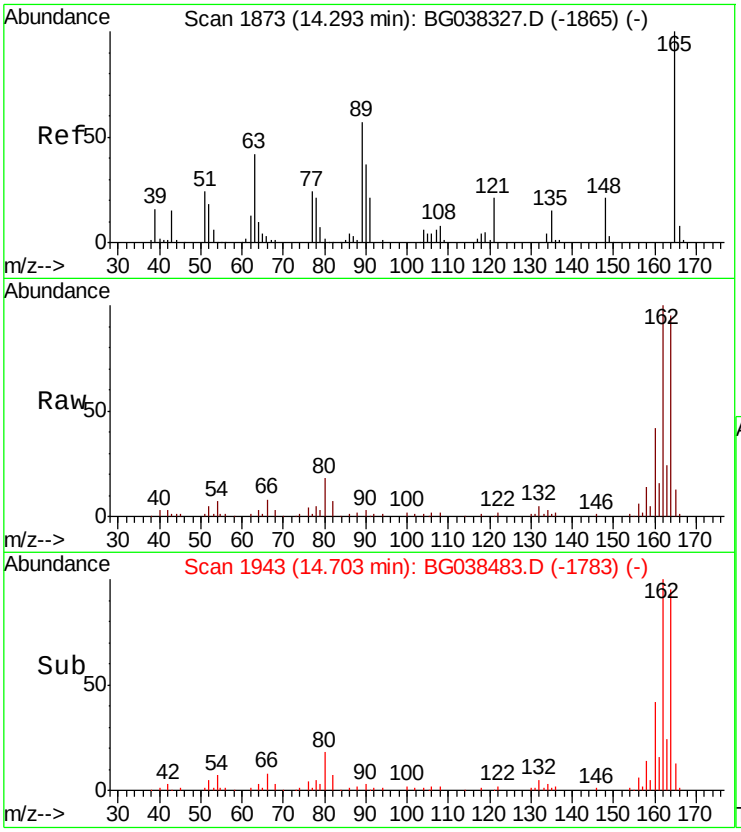


#45
2-Fluorobiphenyl
Concen: 99.479 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG038483.D
Acq: 11 Dec 2018 23:54

Tgt Ion:172 Resp: 514843

Ion	Ratio	Lower	Upper
172	100		
171	36.1	31.0	46.4
170	24.3	20.2	30.2



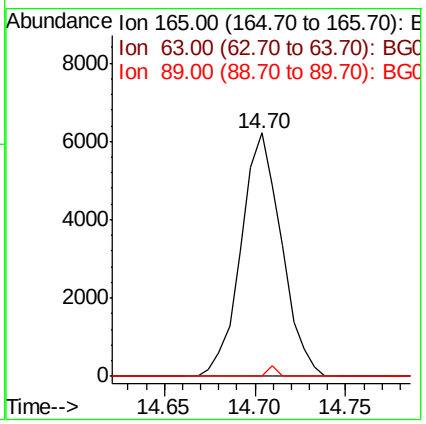


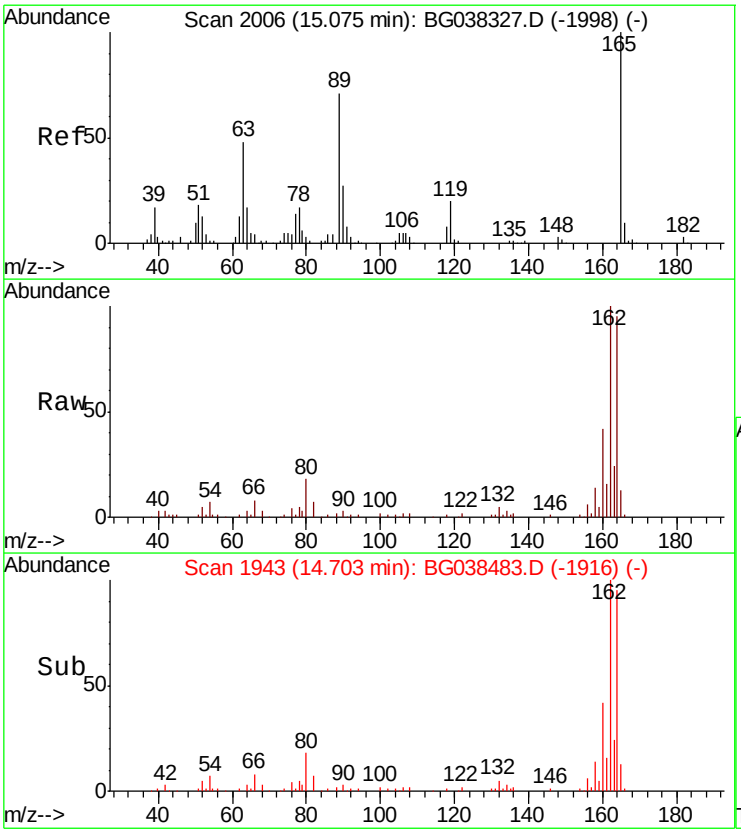
#51
2,6-Dinitrotoluene
Concen: 7.122 ng
RT: 14.70 min Scan# 1943
Delta R.T. 0.41 min
Lab File: BG038483.D
Acq: 11 Dec 2018 23:54

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:165 Resp: 9623

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

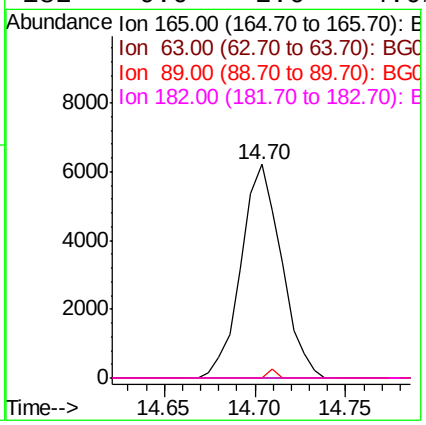


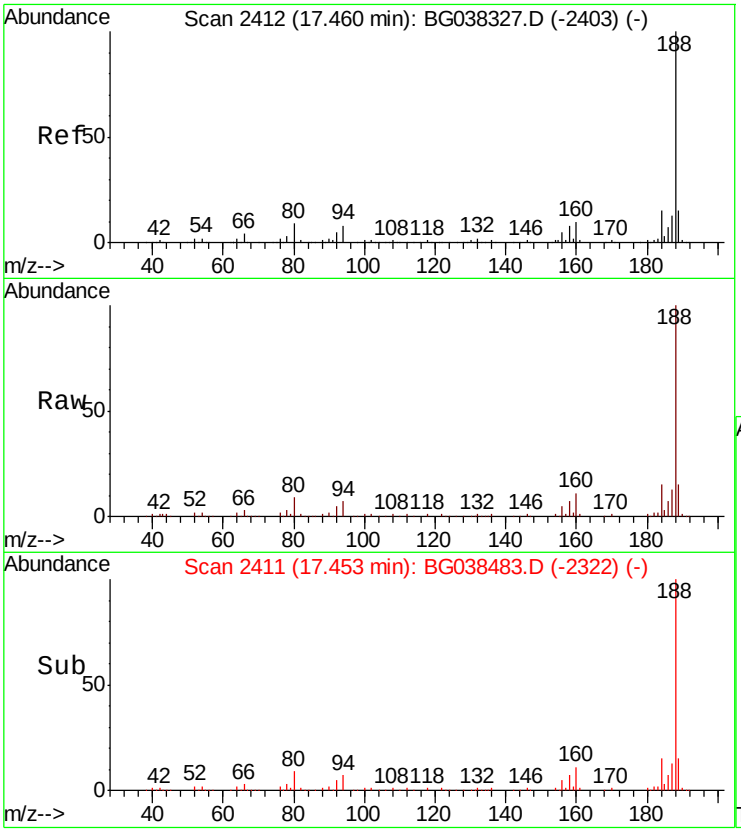


#57
2,4-Dinitrotoluene
Concen: 5.164 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.37 min
Lab File: BG038483.D
Acq: 11 Dec 2018 23:54

Tgt Ion:165 Resp: 9623

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#



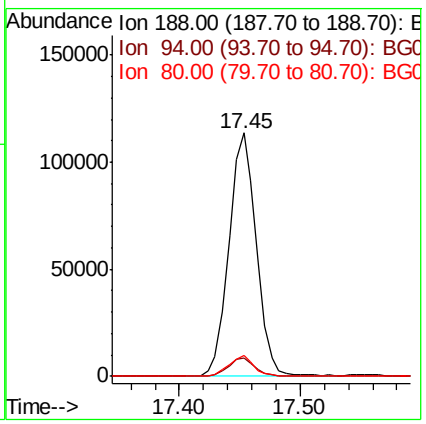


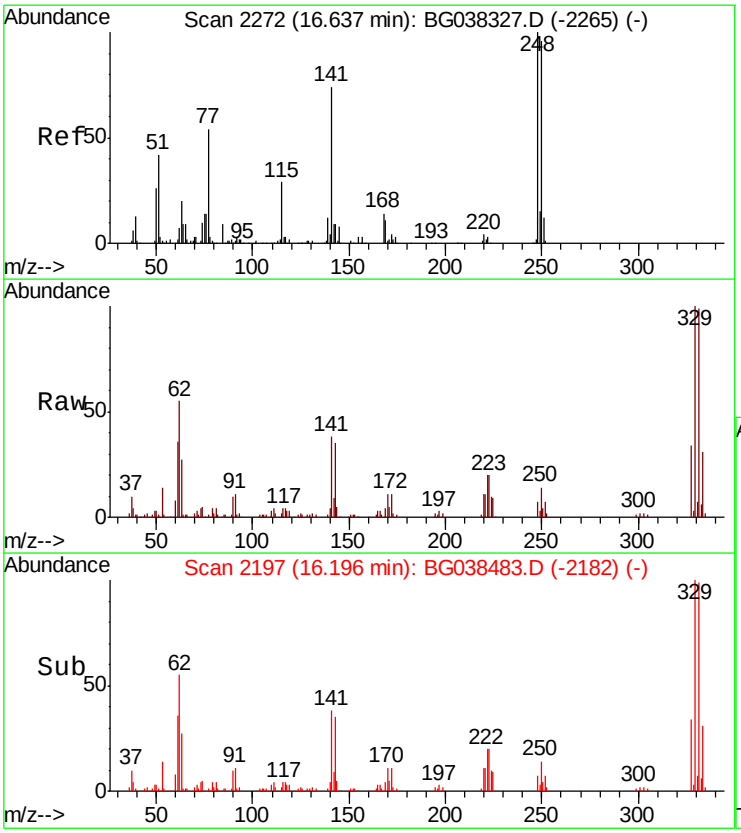
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038483.D
Acq: 11 Dec 2018 23:54

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:188 Resp: 179295

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.2	10.8
80	8.6	7.7	11.5

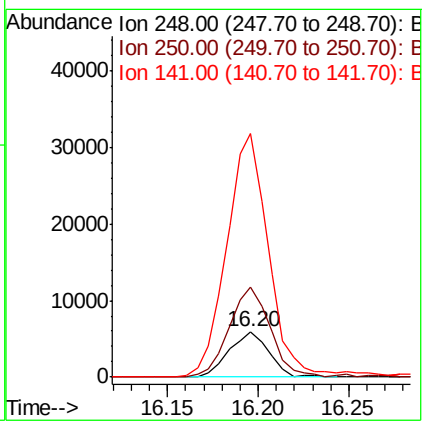


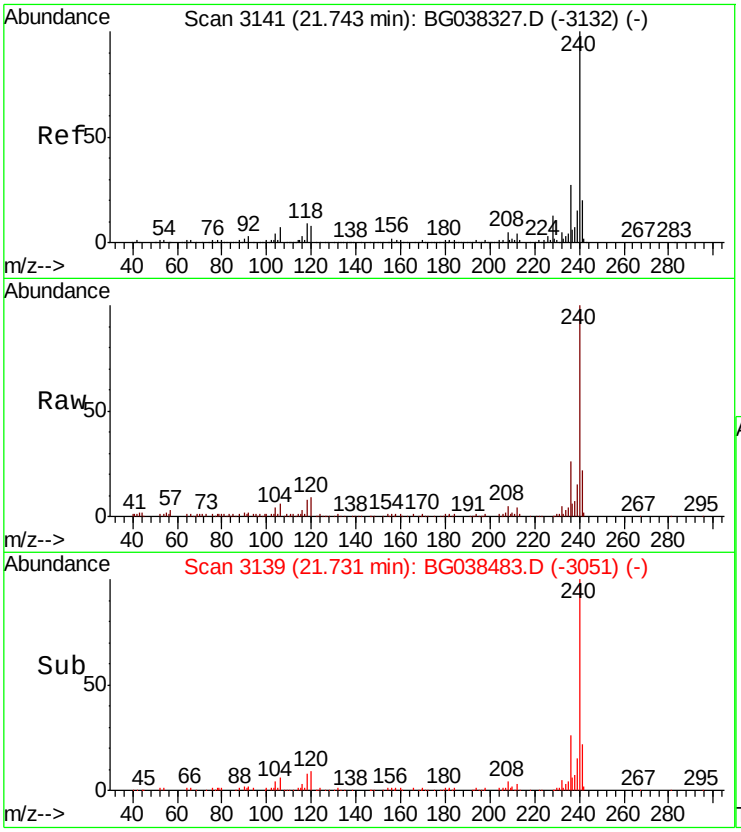


#67
4-Bromophenyl-phenylether
Concen: 4.664 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.44 min
Lab File: BG038483.D
Acq: 11 Dec 2018 23:54

Tgt Ion:248 Resp: 9031

Ion	Ratio	Lower	Upper
248	100		
250	254.4	77.0	115.6#
141	533.2	55.5	83.3#



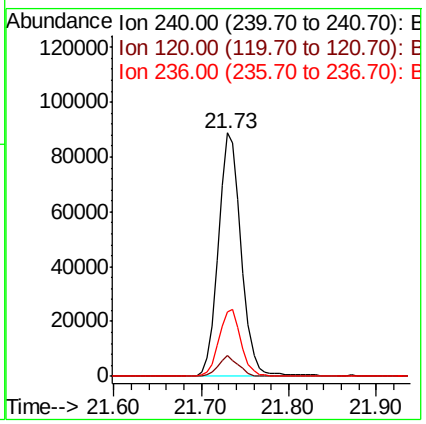


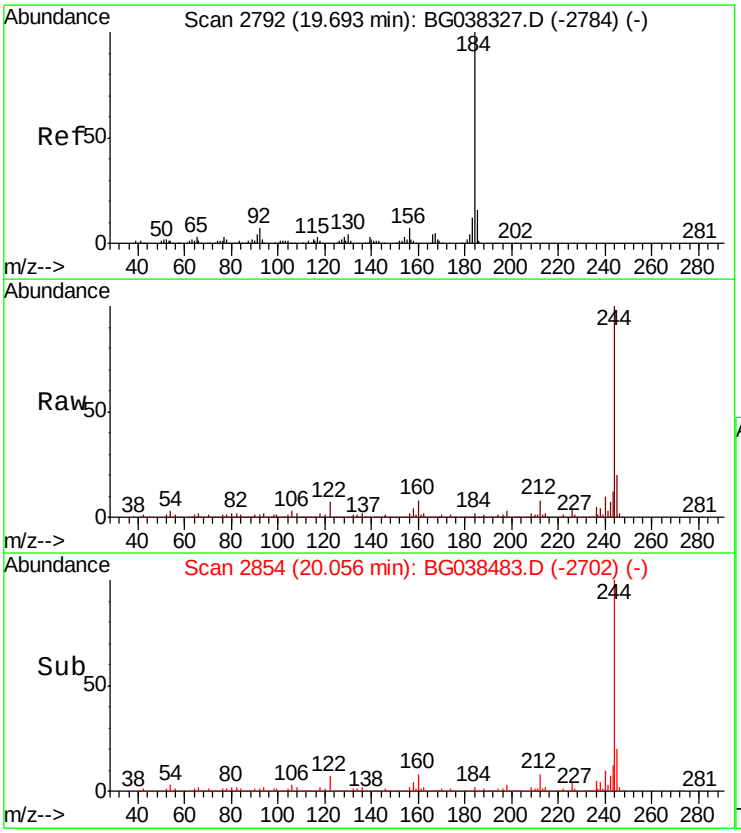
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038483.D
Acq: 11 Dec 2018 23:54

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:240 Resp: 160010

Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.1	12.1
236	26.4	21.4	32.0

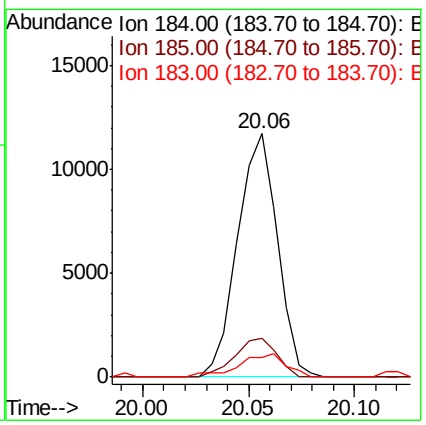


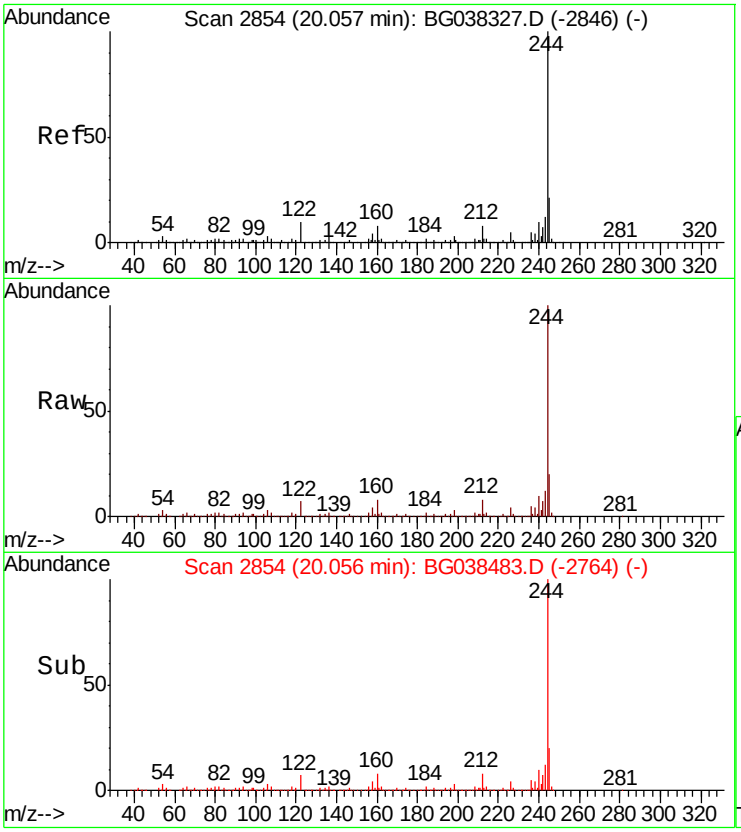


#77
Benzidine
Concen: 2.834 ng
RT: 20.06 min Scan# 2854
Delta R.T. 0.36 min
Lab File: BG038483.D
Acq: 11 Dec 2018 23:54

Tgt Ion:184 Resp: 15303

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	8.2	10.2	15.2#



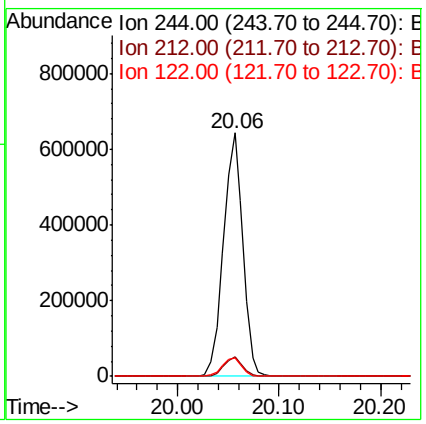


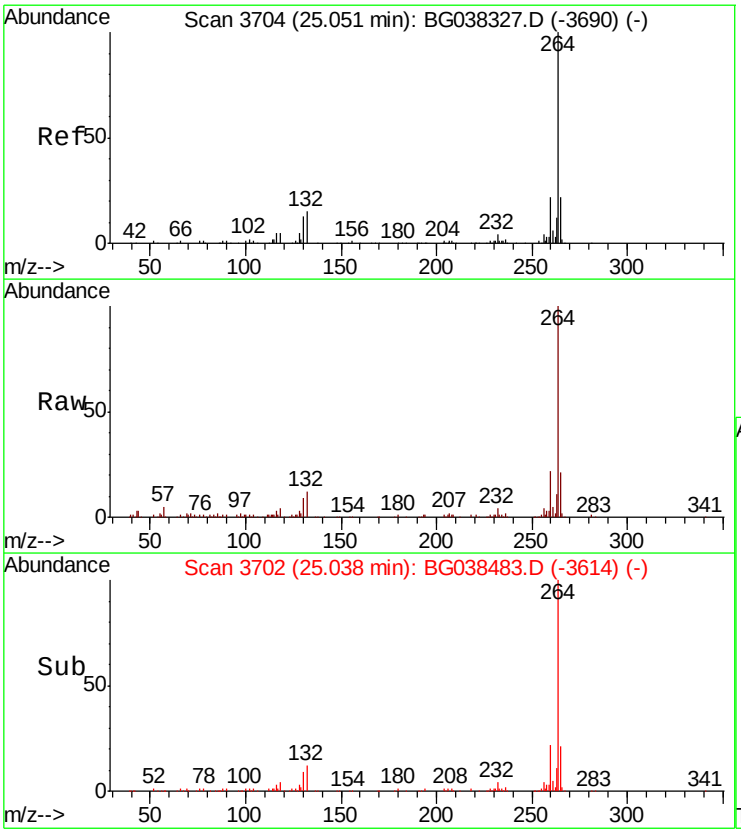
#79
Terphenyl-d14
Concen: 113.915 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BG038483.D
Acq: 11 Dec 2018 23:54

Instrument :
BNA_G
ClientSampleId :
TP-1

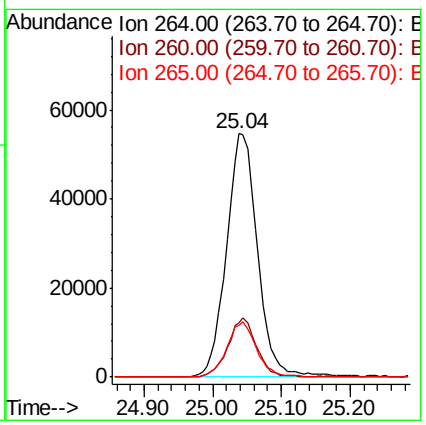
Tgt Ion:244 Resp: 850859

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	7.4	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: BG038483.D
Acq: 11 Dec 2018 23:54

Tgt Ion:264 Resp: 171214

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.3	17.9	26.9