Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100518\
Data File : BG037179.D
Acq On : 5 Oct 2018 8:01
Operator : JU/SJ
Sample : J5241-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 100218-TIPC-E-D-M

Quant Time: Oct 05 08:43:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	42856	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	170268	20.00	ng		-0.02
38) Acenaphthene-d10	14.66	164	114835	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	302956	20.00	ng		-0.02
75) Chrysene-d12	21.67	240	322384	20.00	ng		-0.02
86) Perylene-d12	24.86	264	321189	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	105801	47.35	ng		-0.01
7) Phenol-d6	7.19	99	89564	25.90	ng		-0.02
23) Nitrobenzene-d5	9.19	82	354702	111.56	ng		-0.02
41) 2,4,6-Tribromophenol	16.14	330	150851	109.80	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	737200	95.61	ng		-0.02
78) Terphenyl-d14	20.01	244	1406160	114.69	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	47478	16.507	ng	#	72
49) Dimethylphthalate	14.10	163	53626	5.802	ng		99
50) 2,6-Dinitrotoluene	14.65	165	14331	7.106	ng	#	21
56) 2,4-Dinitrotoluene	14.65	165	14331	5.092	ng	#	19
66) 4-Bromophenyl-phenylether	16.14	248	10714	3.109	ng	#	1
76) Benzidine	20.01	184	26293	2.698	ng	#	94

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

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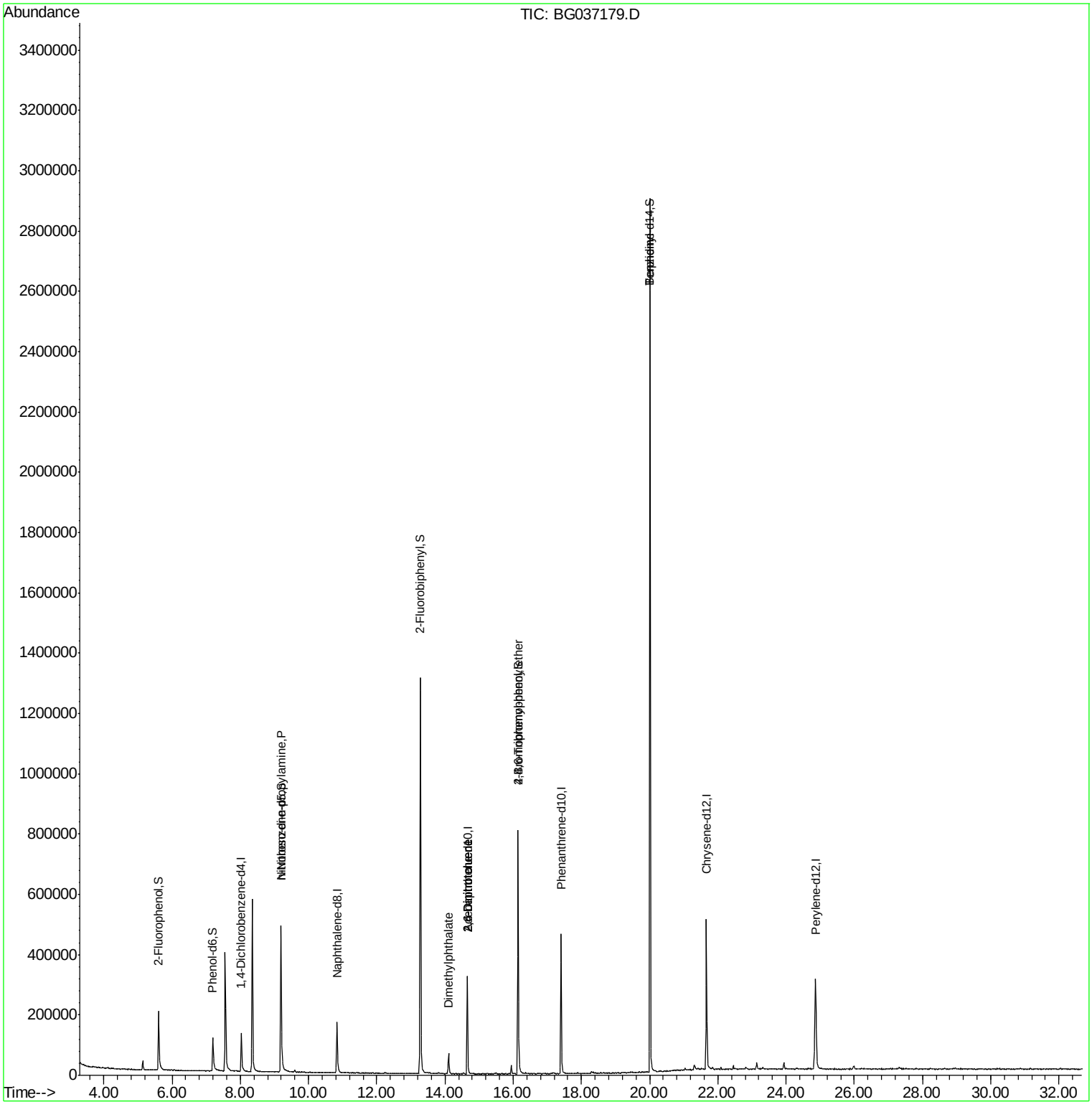
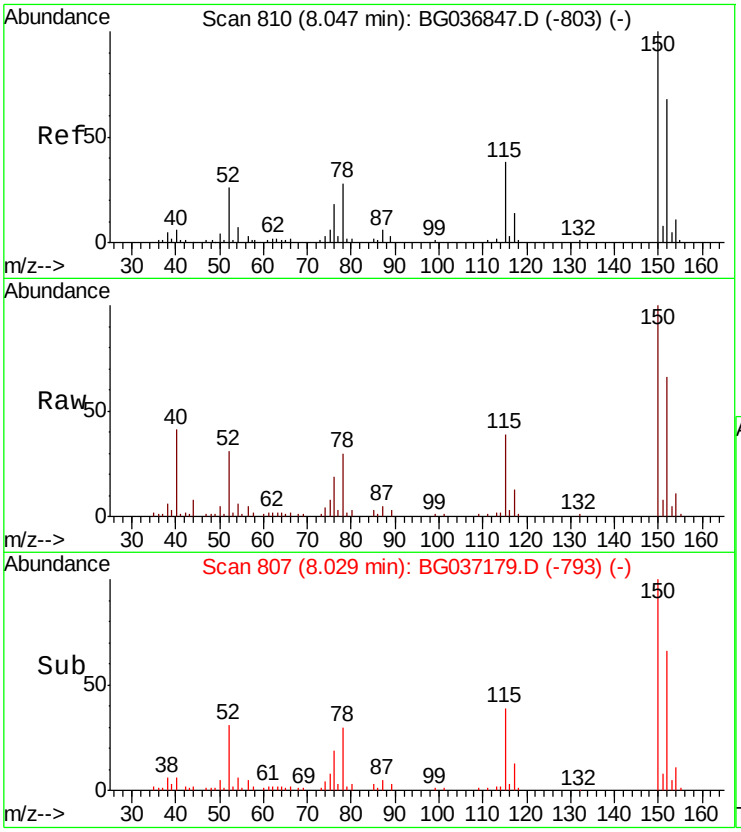


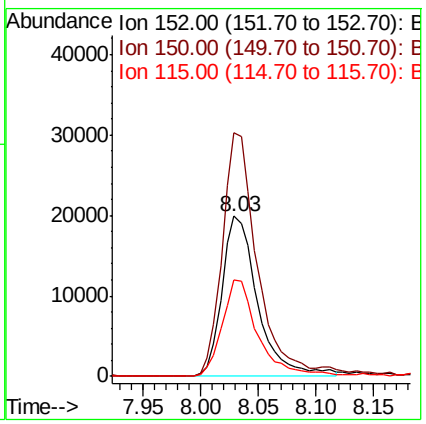


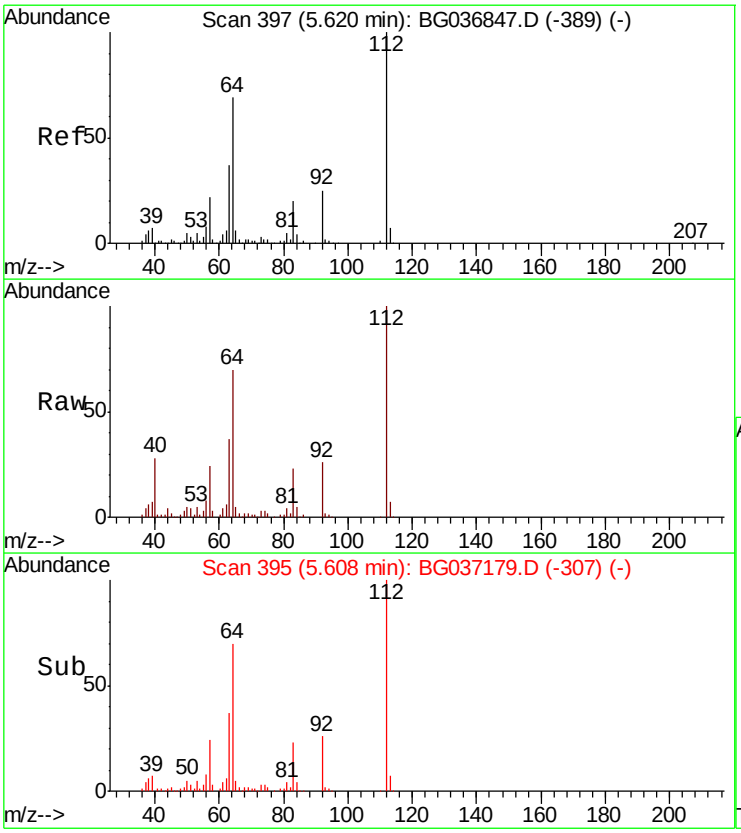
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Instrument :
BNA_G
ClientSampleId :
100218-TIPC-E-D-M

Tgt Ion:152 Resp: 42856

Ion	Ratio	Lower	Upper
152	100		
150	151.9	119.5	179.3
115	59.9	44.5	66.7

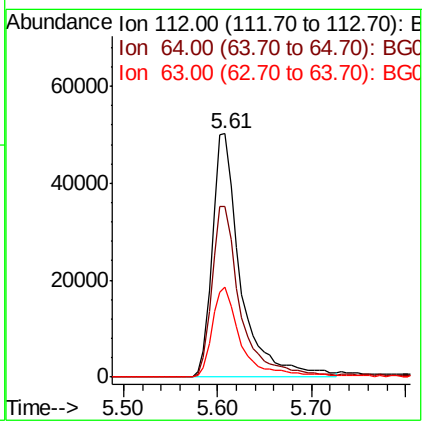


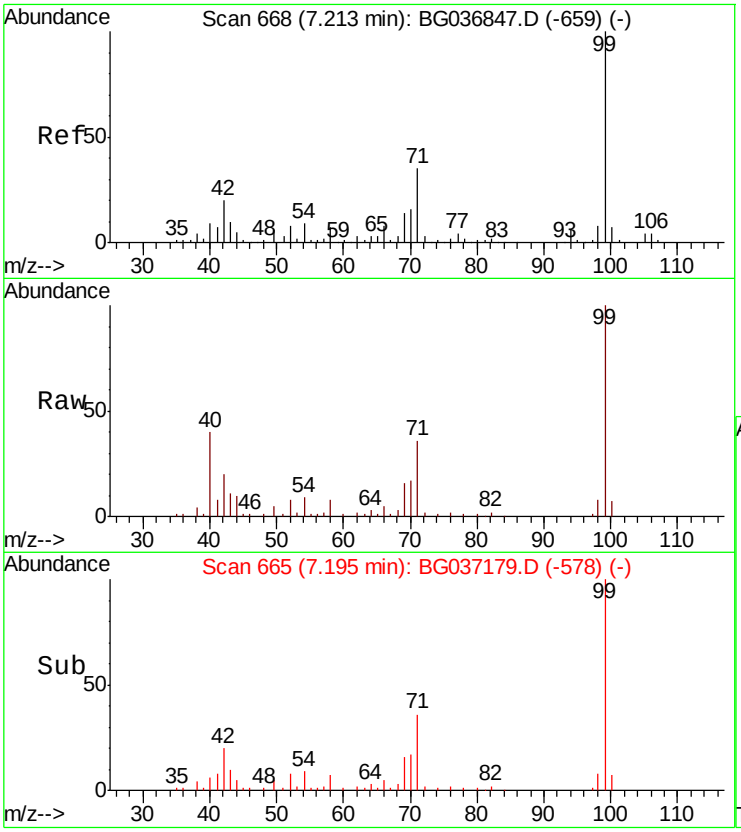


#5
2-Fluorophenol
Concen: 47.345 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Tgt Ion:112 Resp: 105801

Ion	Ratio	Lower	Upper
112	100		
64	70.3	57.2	85.8
63	36.8	30.8	46.2



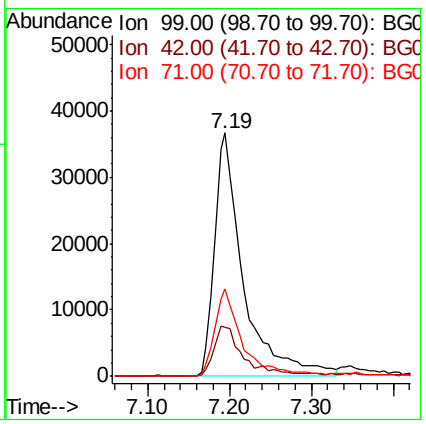


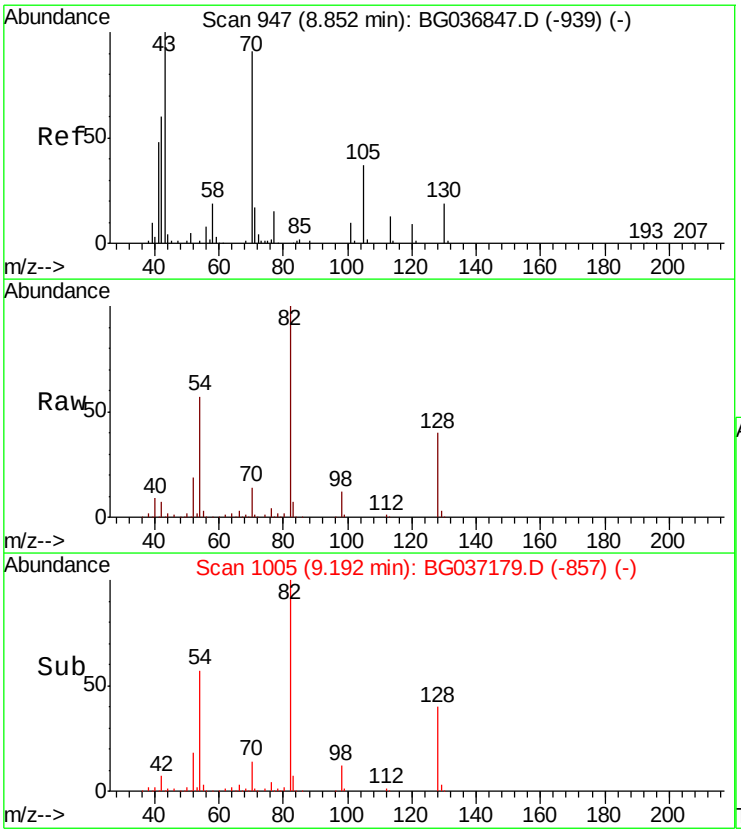
#7
Phenol-d6
Concen: 25.905 ng
RT: 7.19 min Scan# 665
Delta R.T. -0.02 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Instrument :
BNA_G
ClientSampleId :
100218-TIPC-E-D-M

Tgt Ion: 99 Resp: 89564

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.5	24.7
71	35.7	29.4	44.2

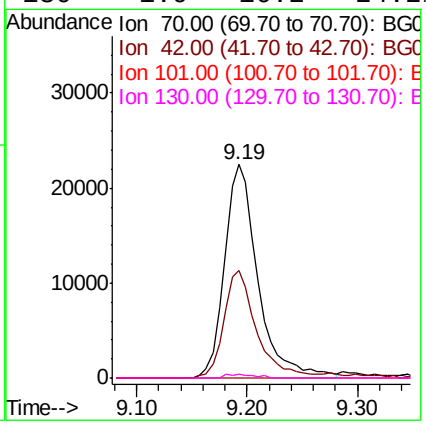


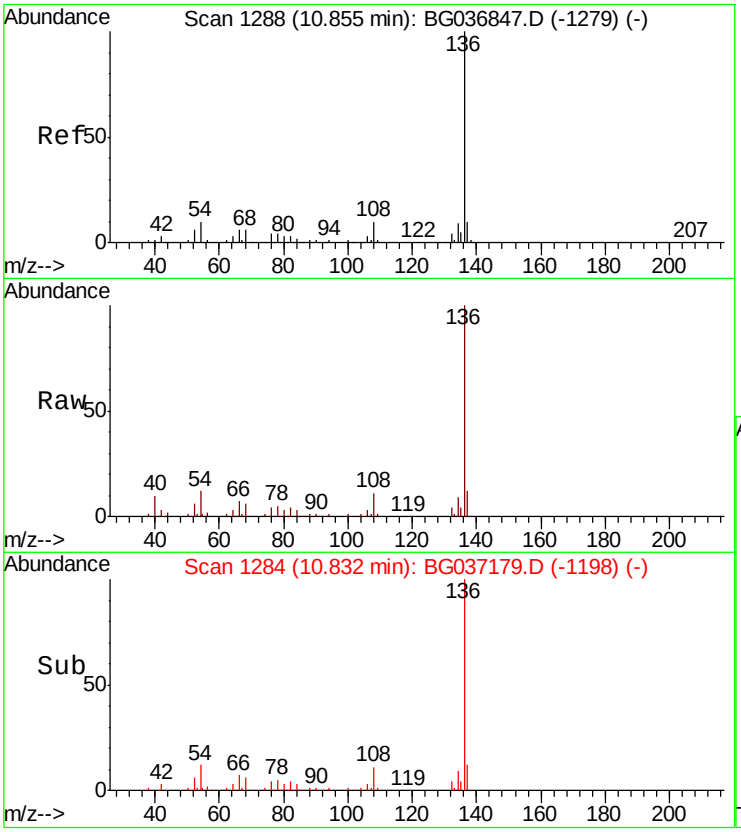


#19
n-Nitroso-di-n-propylamine
Concen: 16.507 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.34 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Tgt Ion: 70 Resp: 47478

Ion	Ratio	Lower	Upper
70	100		
42	50.1	56.2	84.4#
101	0.0	7.8	11.6#
130	1.9	16.2	24.2#



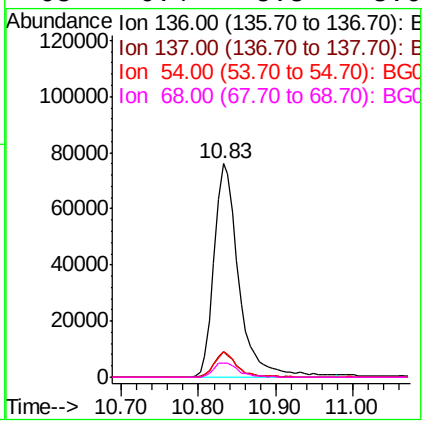


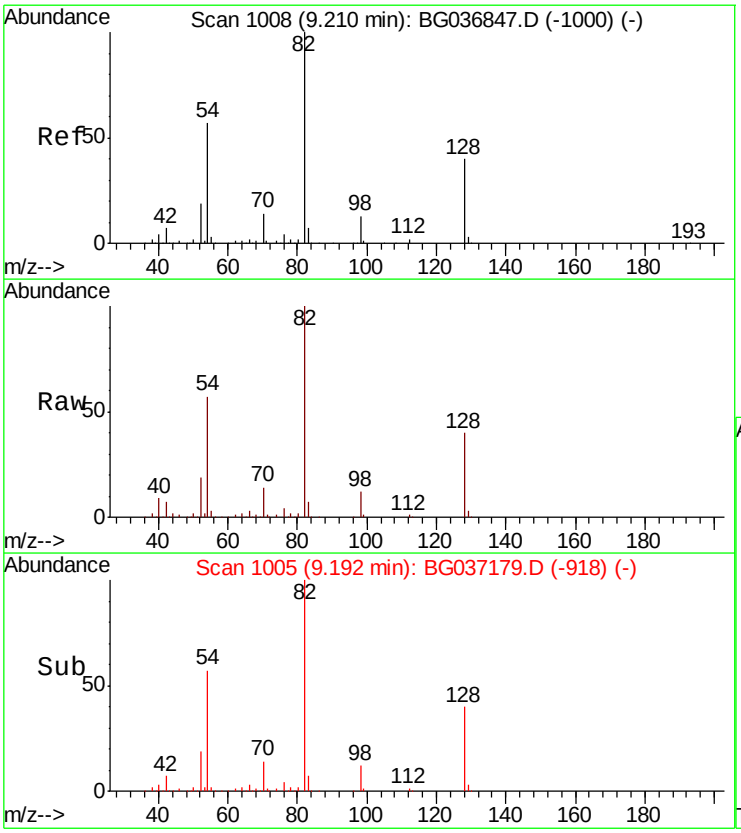
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Instrument :
BNA_G
ClientSampleId :
100218-TIPC-E-D-M

Tgt Ion:136 Resp: 170268

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	11.9	9.2	13.8
68	6.4	5.8	8.6

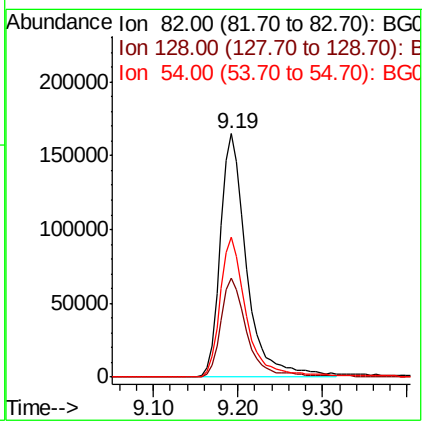


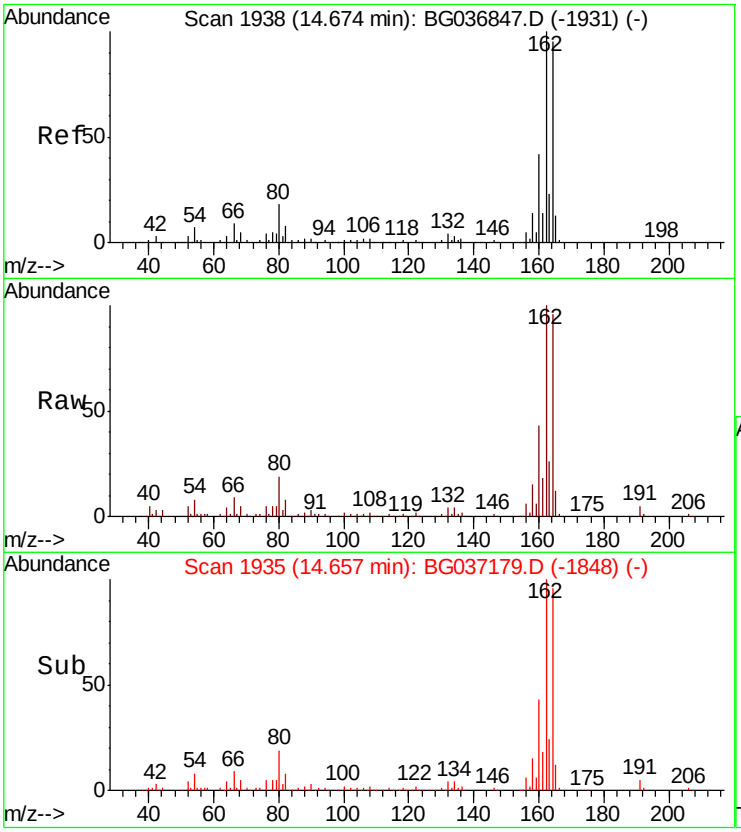


#23
Nitrobenzene-d5
Concen: 111.557 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Tgt Ion: 82 Resp: 354702

Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.3	49.9
54	57.2	45.1	67.7



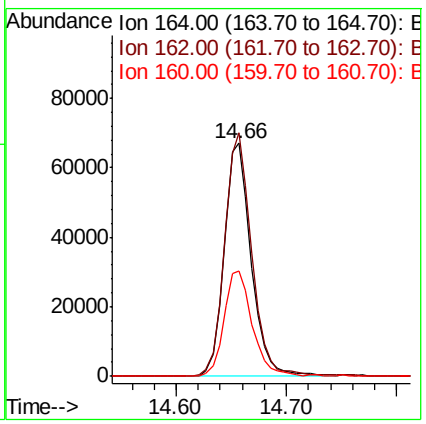


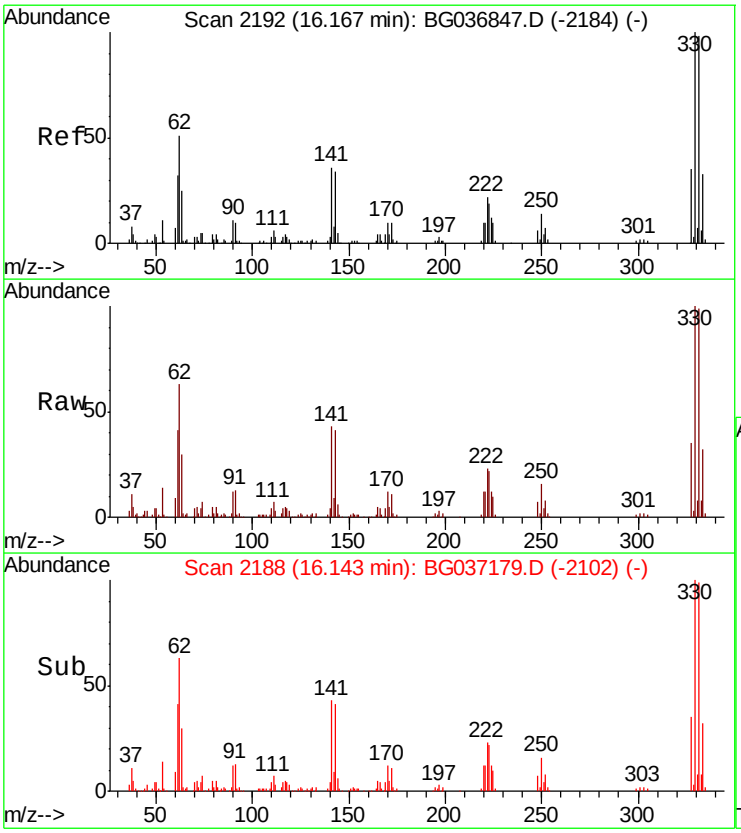
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Instrument :
BNA_G
ClientSampleId :
100218-TIPC-E-D-M

Tgt Ion:164 Resp: 114835

Ion	Ratio	Lower	Upper
164	100		
162	104.4	80.7	121.1
160	45.2	35.3	52.9

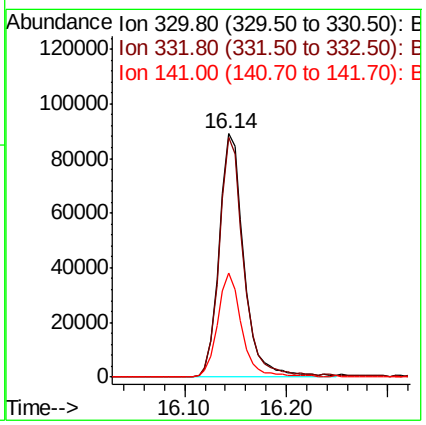


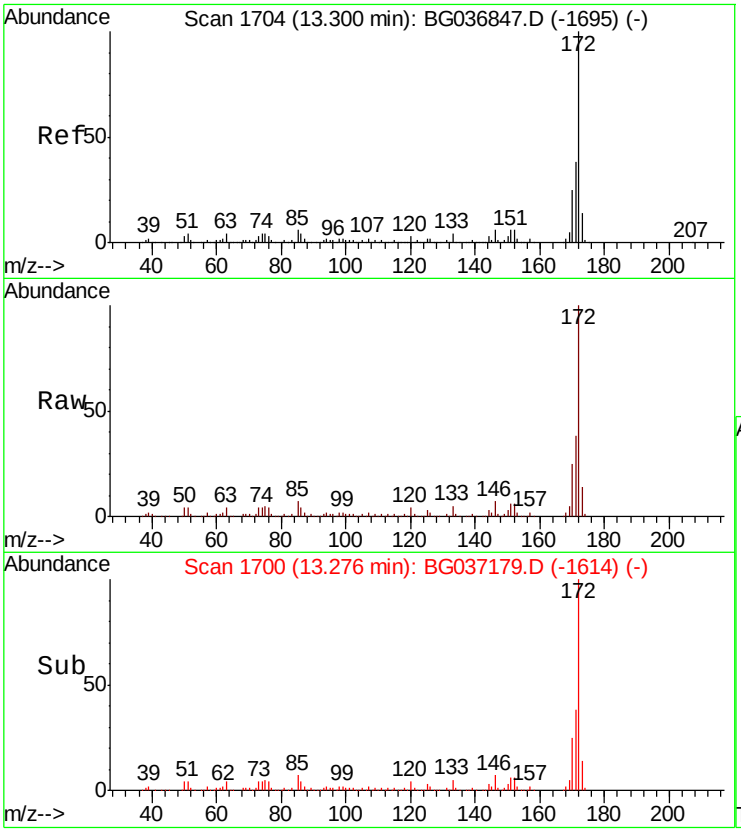


#41
2,4,6-Tribromophenol
Concen: 109.795 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Tgt Ion:330 Resp: 150851

Ion	Ratio	Lower	Upper
330	100		
332	98.1	75.4	113.2
141	41.1	30.7	46.1



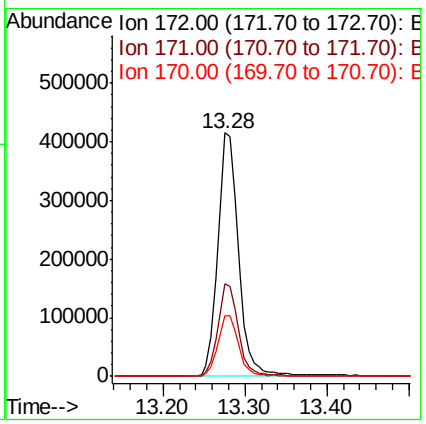


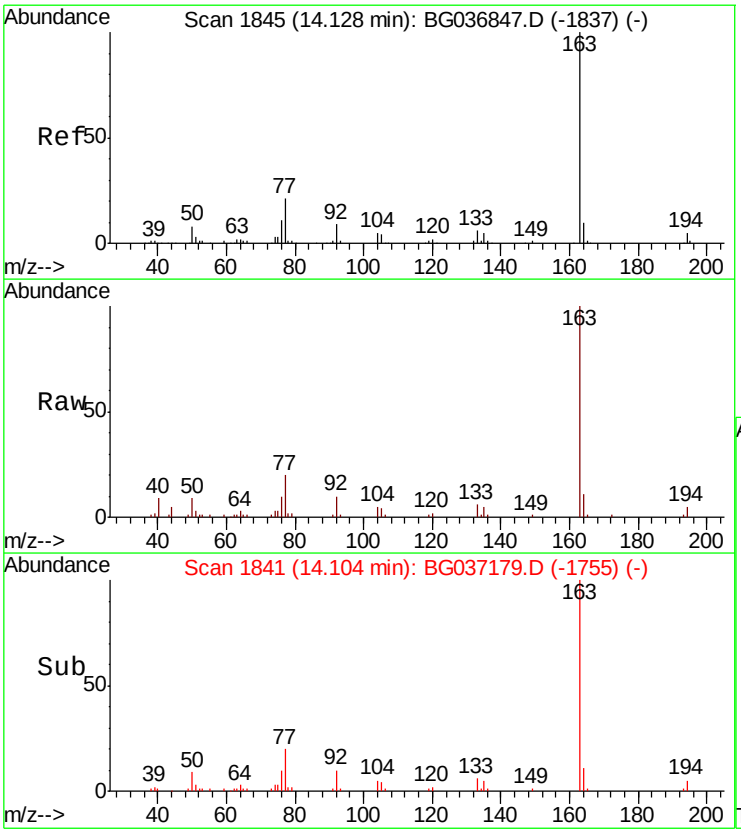
#44
2-Fluorobiphenyl
Concen: 95.614 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Instrument :
BNA_G
ClientSampleId :
100218-TIPC-E-D-M

Tgt Ion:172 Resp: 737200

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	25.0	21.0	31.6

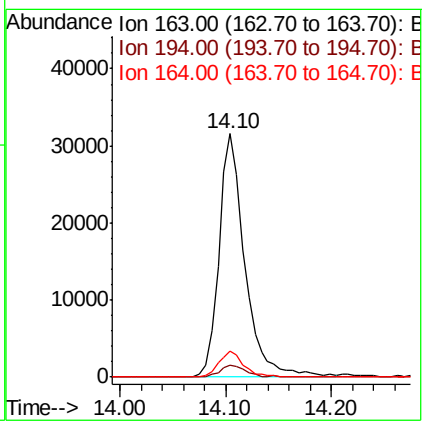


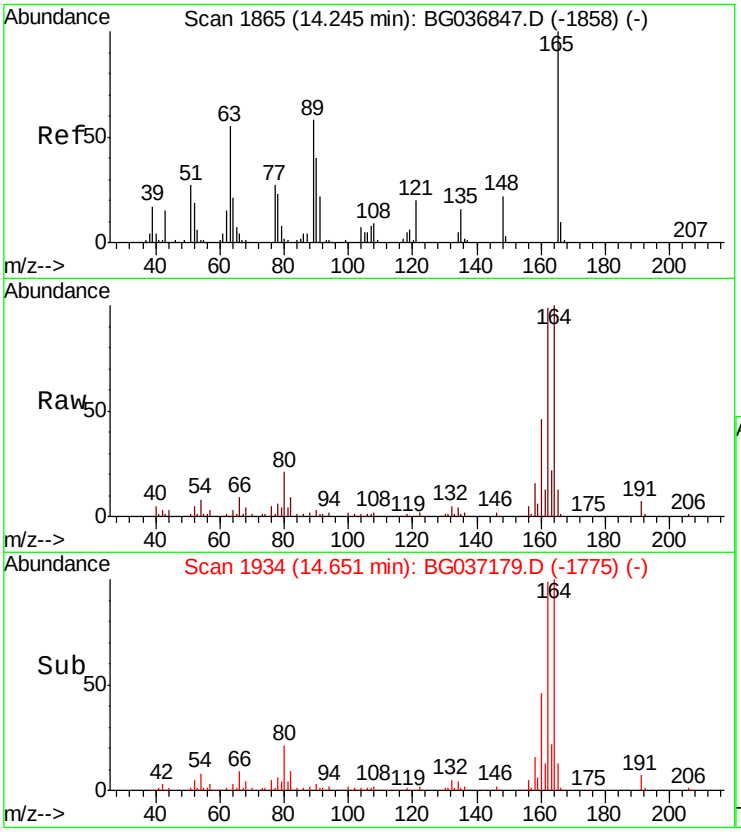


#49
Dimethylphthalate
Concen: 5.802 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Tgt Ion:163 Resp: 53626

Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.0	6.0
164	10.6	8.1	12.1



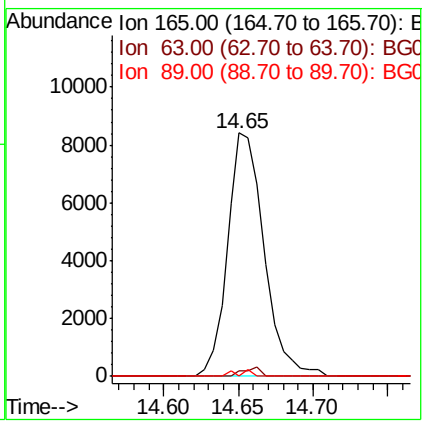


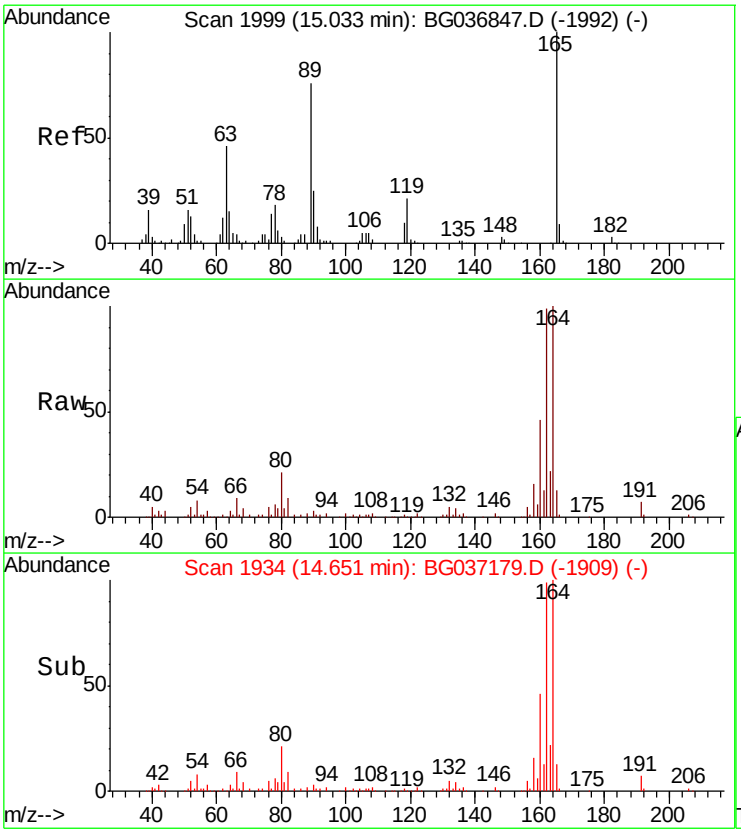
#50
2,6-Dinitrotoluene
Concen: 7.106 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.41 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Instrument :
BNA_G
ClientSampleId :
100218-TIPC-E-D-M

Tgt Ion:165 Resp: 14331

Ion	Ratio	Lower	Upper
165	100		
63	2.2	50.1	75.1#
89	0.0	47.8	71.6#

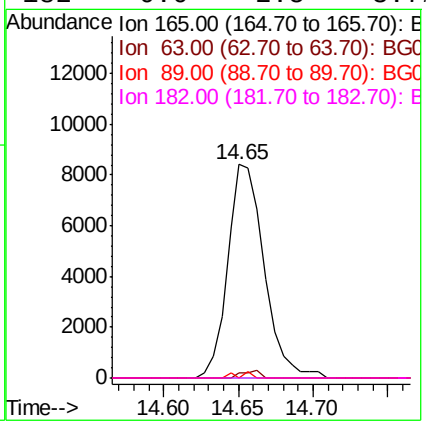


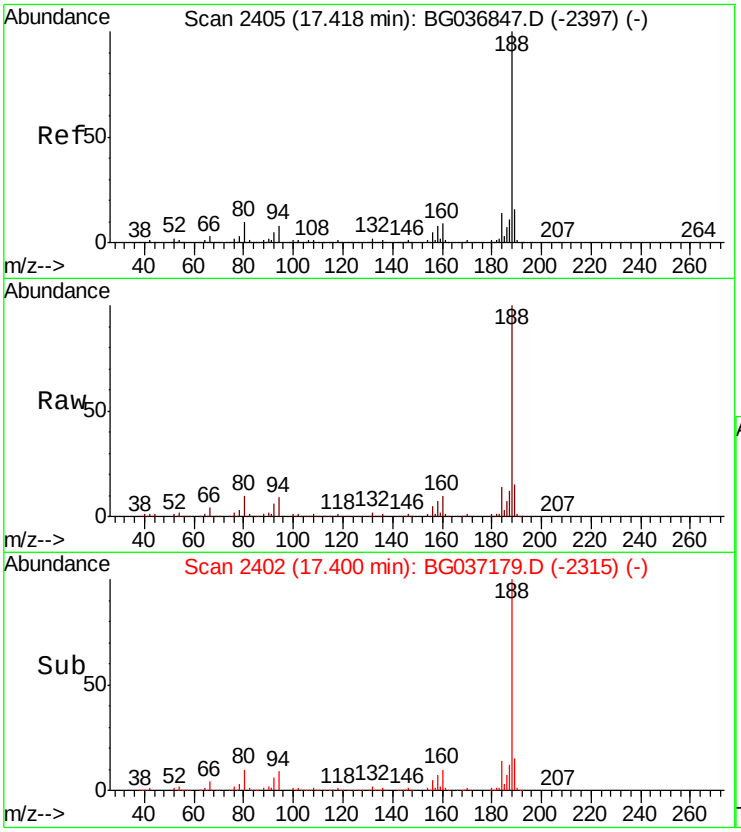


#56
2,4-Dinitrotoluene
Concen: 5.092 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.38 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Tgt Ion:165 Resp: 14331

Ion	Ratio	Lower	Upper
165	100		
63	2.2	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



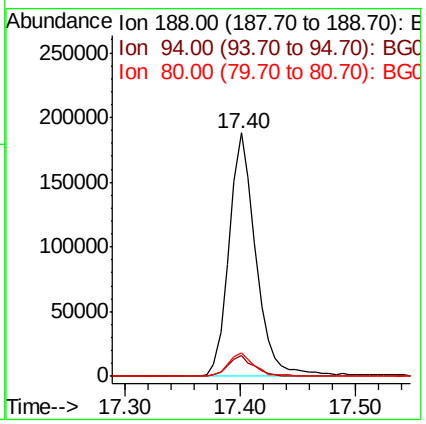


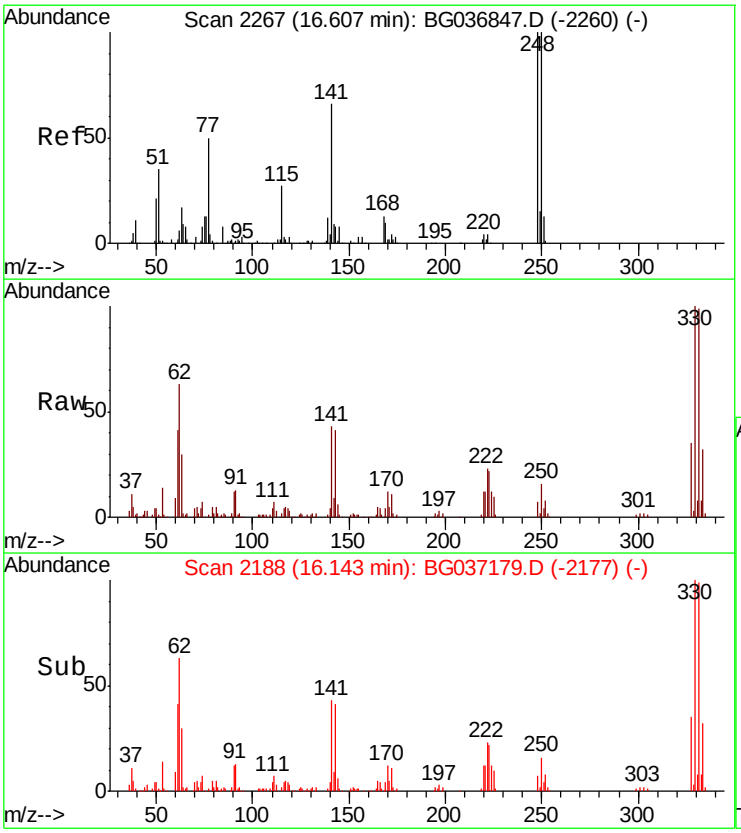
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Instrument :
BNA_G
ClientSampleId :
100218-TIPC-E-D-M

Tgt Ion:188 Resp: 302956

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	9.9	8.1	12.1

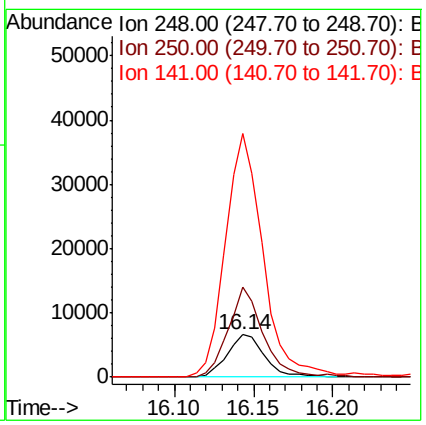


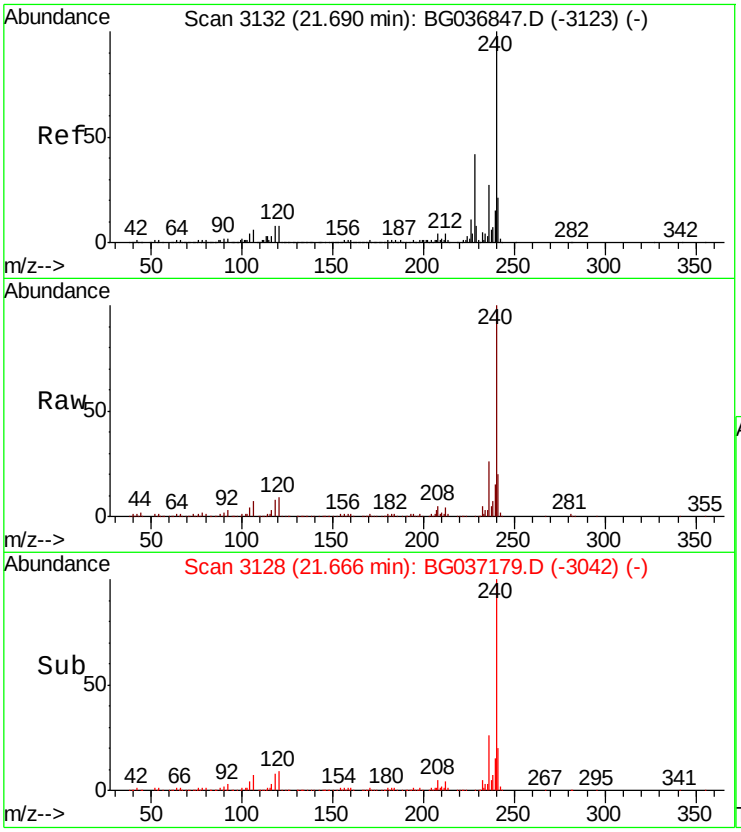


#66
4-Bromophenyl-phenylether
Concen: 3.109 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.46 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Tgt Ion:248 Resp: 10714

Ion	Ratio	Lower	Upper
248	100		
250	211.9	78.1	117.1#
141	576.5	53.7	80.5#



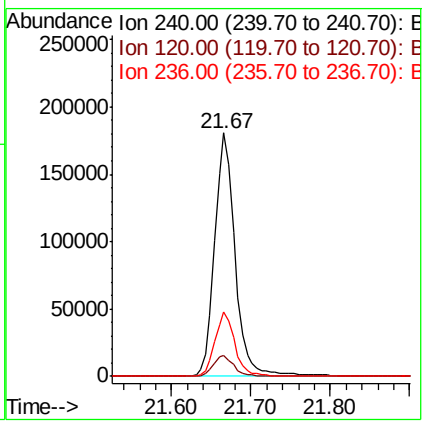


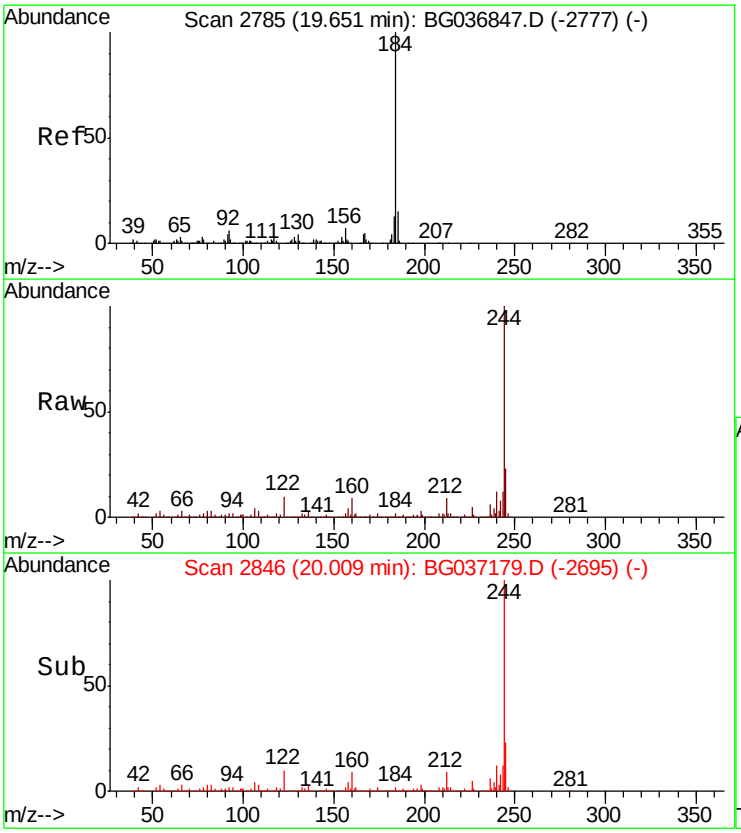
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Instrument :
BNA_G
ClientSampleId :
100218-TIPC-E-D-M

Tgt Ion:240 Resp: 322384

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	26.4	21.2	31.8

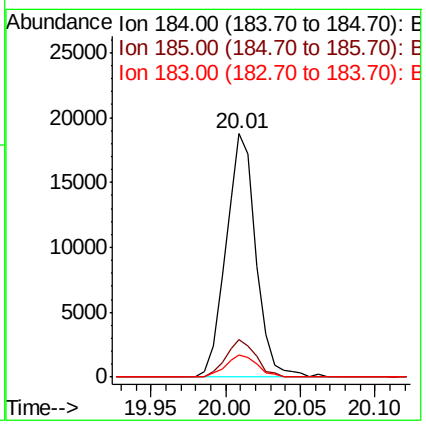


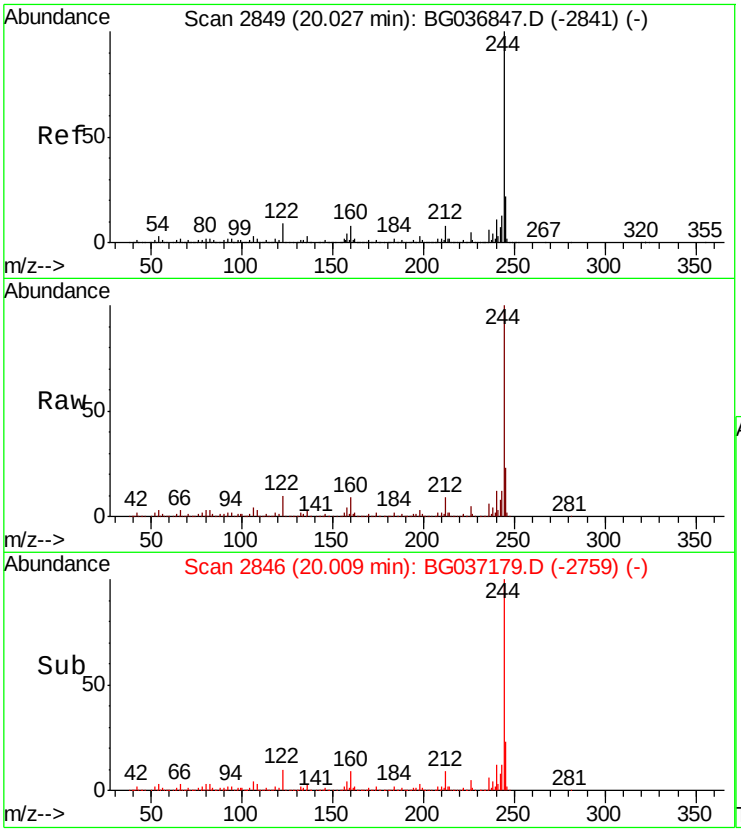


#76
Benzidine
Concen: 2.698 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.36 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Tgt Ion:184 Resp: 26293

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.6	18.8
183	9.1	10.9	16.3#



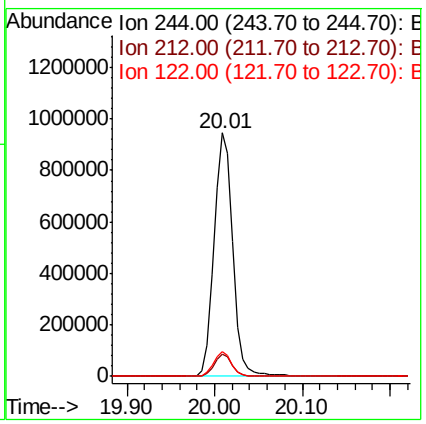


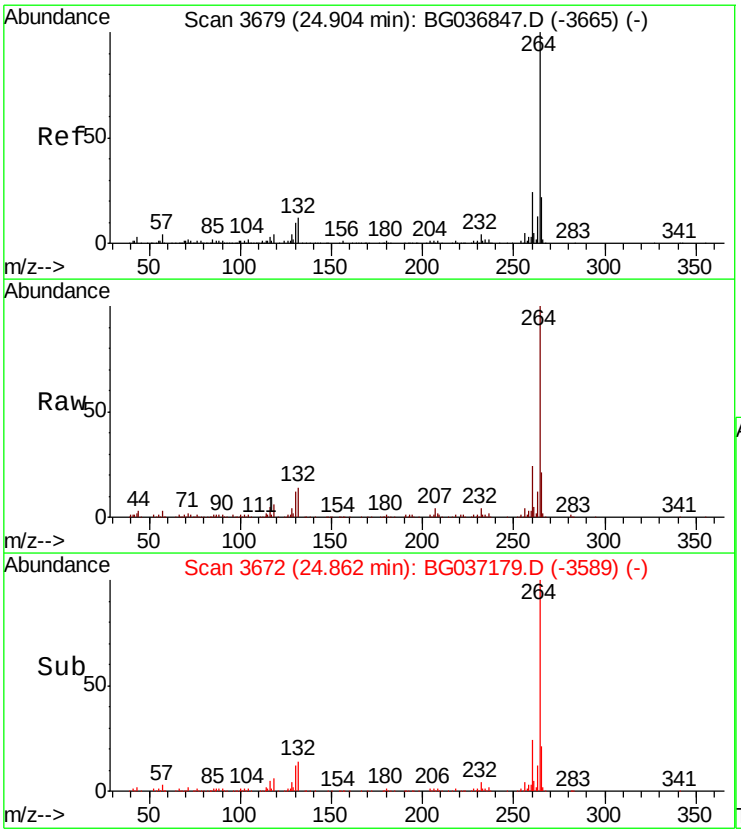
#78
Terphenyl-d14
Concen: 114.692 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Instrument :
BNA_G
ClientSampleId :
100218-TIPC-E-D-M

Tgt Ion:244 Resp: 1406160

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.9	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.04 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Tgt Ion:264 Resp: 321189

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	20.9	17.4	26.0