Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\

Quantitation Report (Not Reviewed)

Data File : BG042277.D
Acq On : 17 Aug 2019 2:19
Operator : HP/JU
Sample : K4264-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : REACTOR-3-G1-G4-(3)

Quant Time: Aug 17 05:38:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	56197	20.00	ng	-0.03
21) Naphthalene-d8	10.83	136	212646	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	156058	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	388902	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	448539	20.00	ng	-0.03
87) Perylene-d12	24.96	264	518049	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	387449	134.14	ng	-0.02
7) Phenol-d6	7.17	99	469333	120.53	ng	-0.02
23) Nitrobenzene-d5	9.18	82	322723	104.44	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	340508	192.09	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	995367	112.49	ng	-0.04
79) Terphenyl-d14	20.04	244	1963302	100.16	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	13891	10.218	ng	# 1
19) n-Nitroso-di-n-propylamine	9.18	70	41156	14.558	ng	# 65
51) 2,6-Dinitrotoluene	14.67	165	20128	9.032	ng	# 27
57) 2,4-Dinitrotoluene	14.67	165	20128	6.567	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.17	198	770	7.199	ng	# 36
67) 4-Bromophenyl-phenylether	16.16	248	23224	4.848	ng	# 1

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

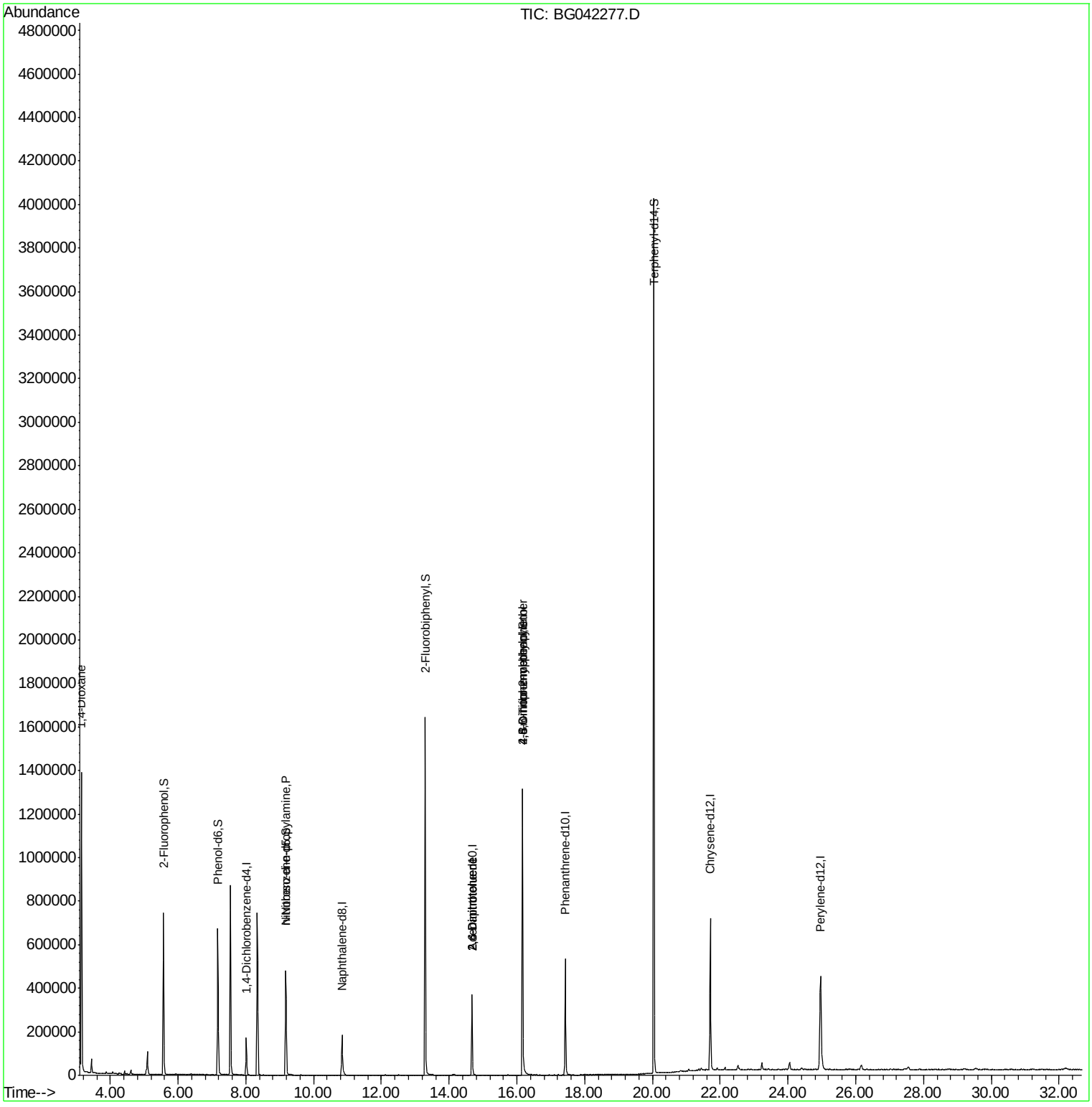
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\

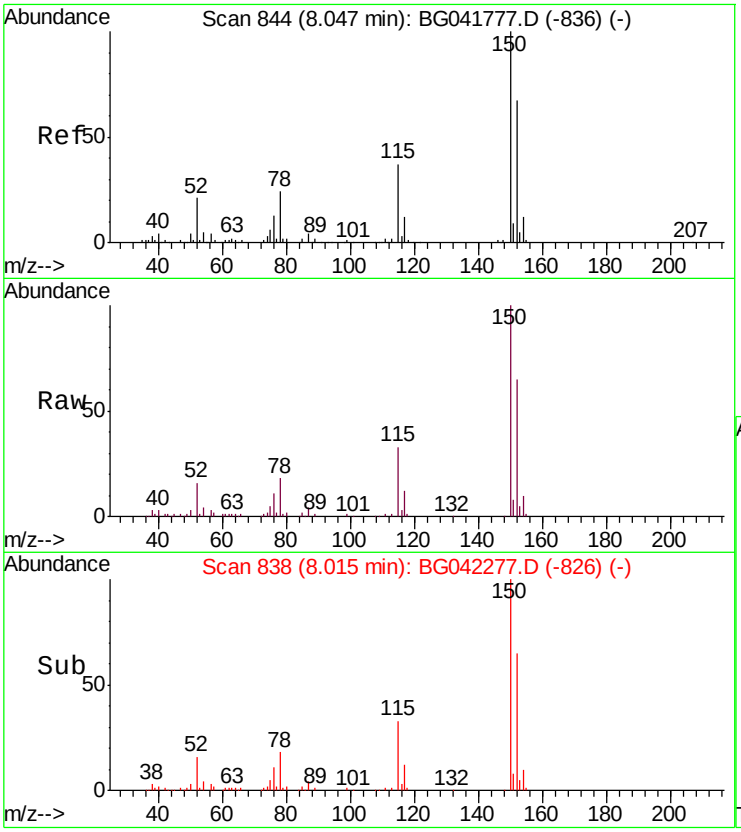
Quantitation Report (Not Reviewed)

Data File : BG042277.D
Acq On : 17 Aug 2019 2:19
Operator : HP/JU
Sample : K4264-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-G1-G4-(3)

Quant Time: Aug 17 05:38:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration



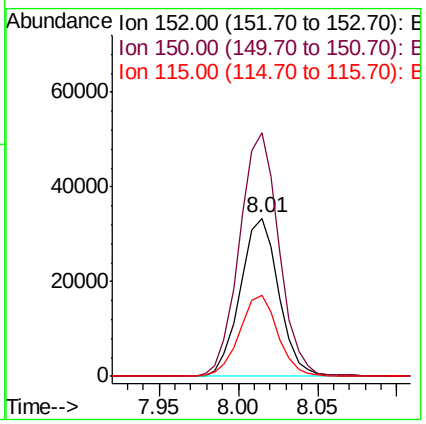


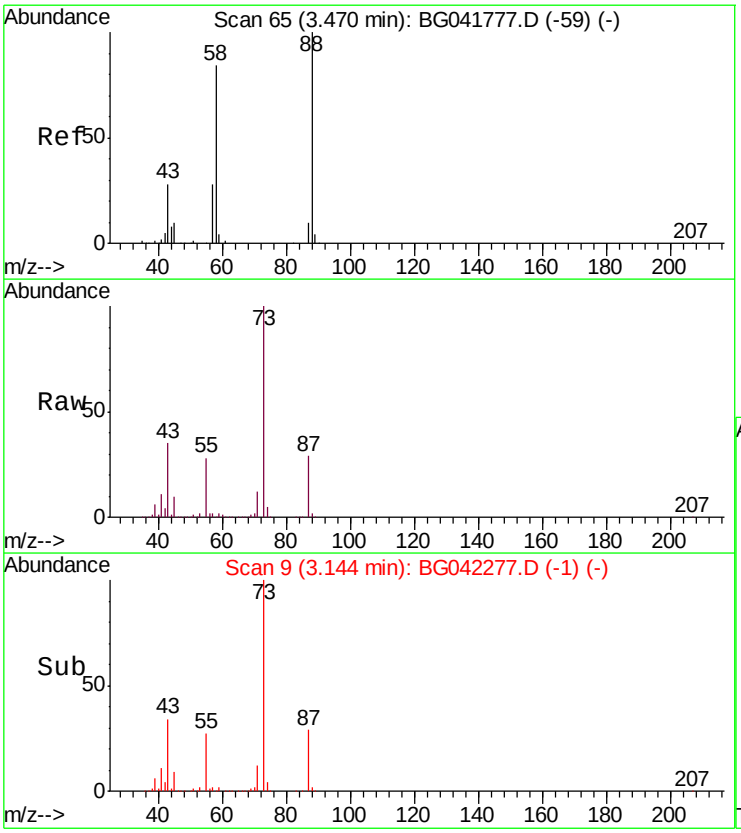
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.03 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-G1-G4-(3)

Tgt Ion:152 Resp: 56197

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.9	190.3
115	51.1	45.0	67.6

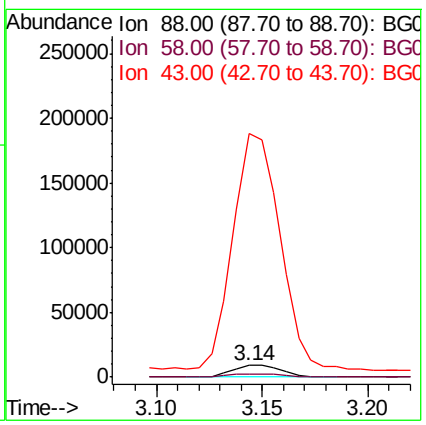


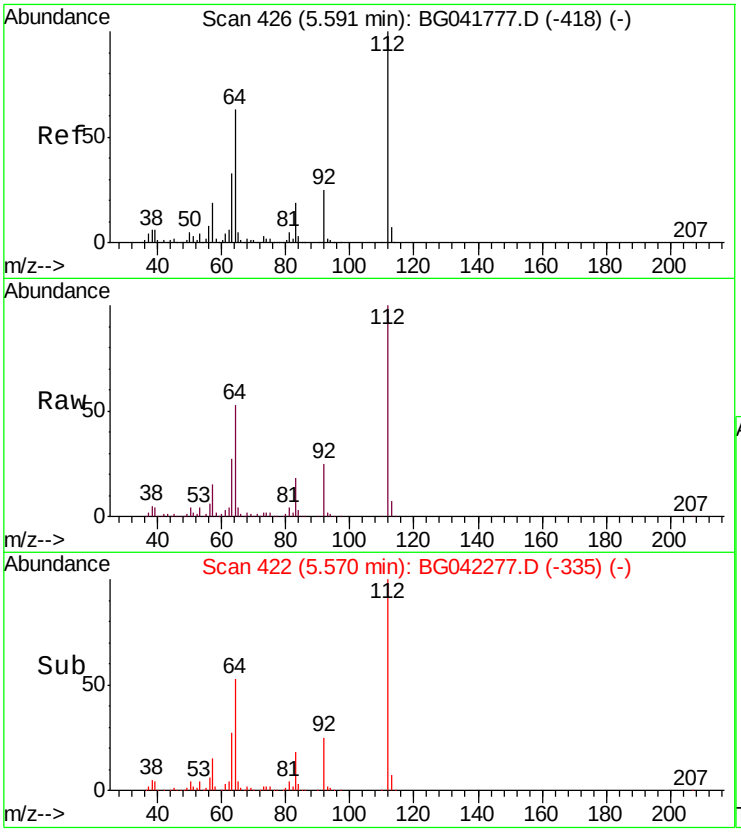


#2
1,4-Dioxane
Concen: 10.218 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.33 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Tgt Ion: 88 Resp: 13891

Ion	Ratio	Lower	Upper
88	100		
58	26.7	76.2	114.2#
43	2102.1	27.2	40.8#



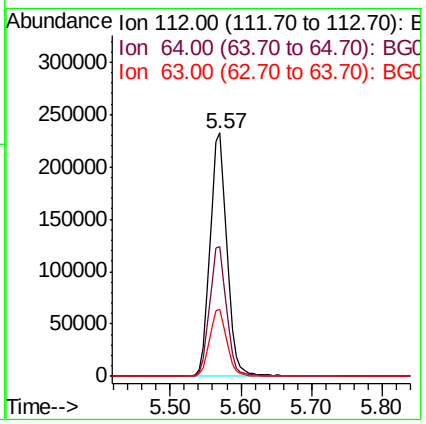


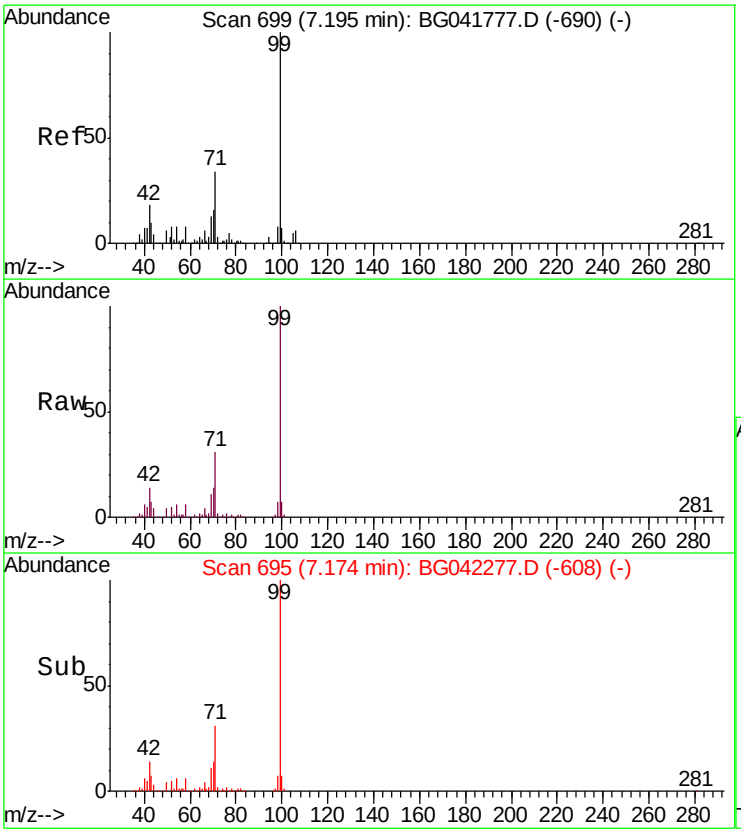
#5
2-Fluorophenol
Concen: 134.140 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.02 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-G1-G4-(3)

Tgt Ion:112 Resp: 387449

Ion	Ratio	Lower	Upper
112	100		
64	53.5	55.4	83.2#
63	27.3	29.1	43.7#

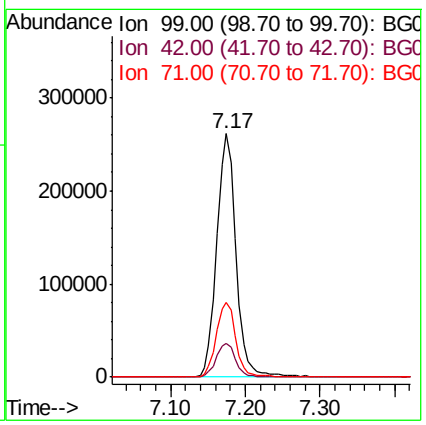


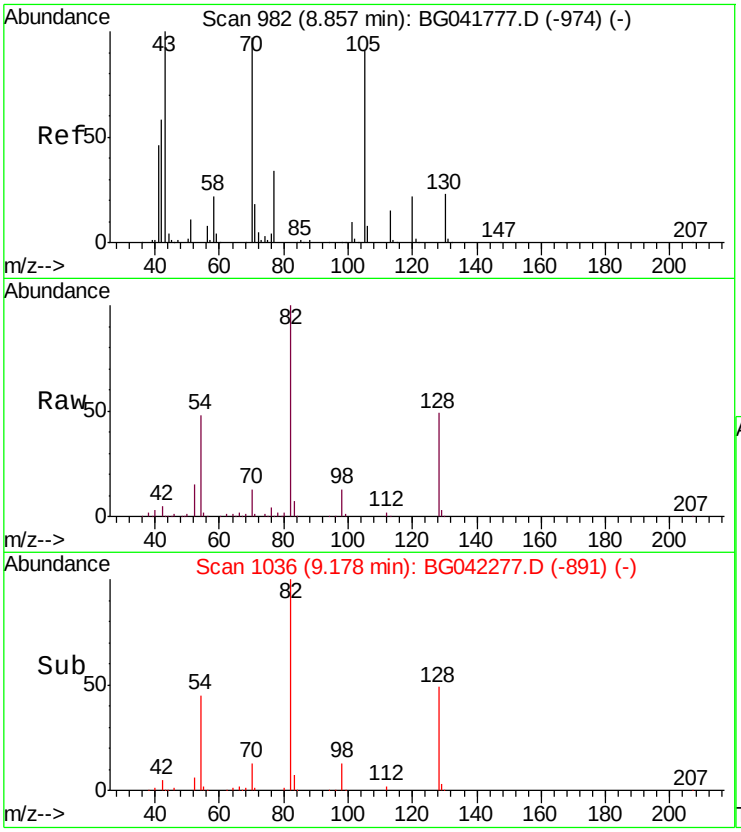


#7
Phenol-d6
Concen: 120.527 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.02 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Tgt Ion: 99 Resp: 469333

Ion	Ratio	Lower	Upper
99	100		
42	14.1	17.6	26.4#
71	30.8	27.8	41.6



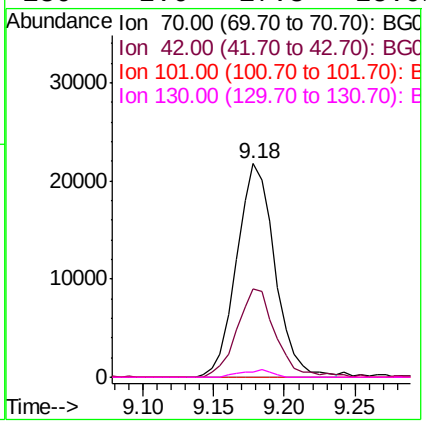


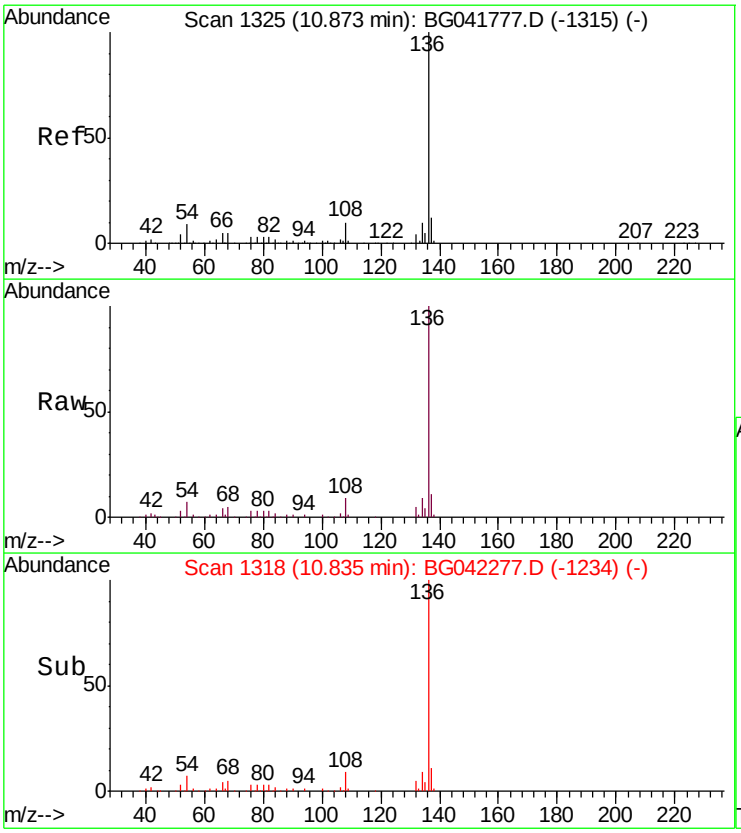
#19
n-Nitroso-di-n-propylamine
Concen: 14.558 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.32 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-G1-G4-(3)

Tgt Ion: 70 Resp: 41156

Ion	Ratio	Lower	Upper
70	100		
42	41.6	55.8	83.6#
101	0.0	8.1	12.1#
130	2.6	17.3	25.9#

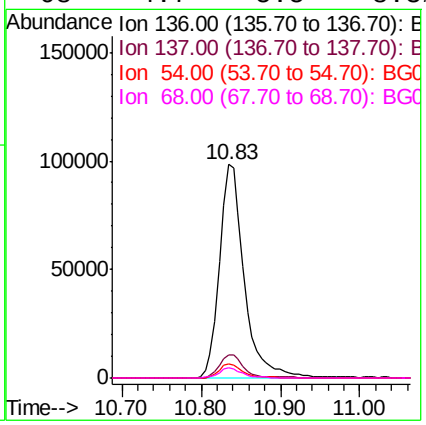


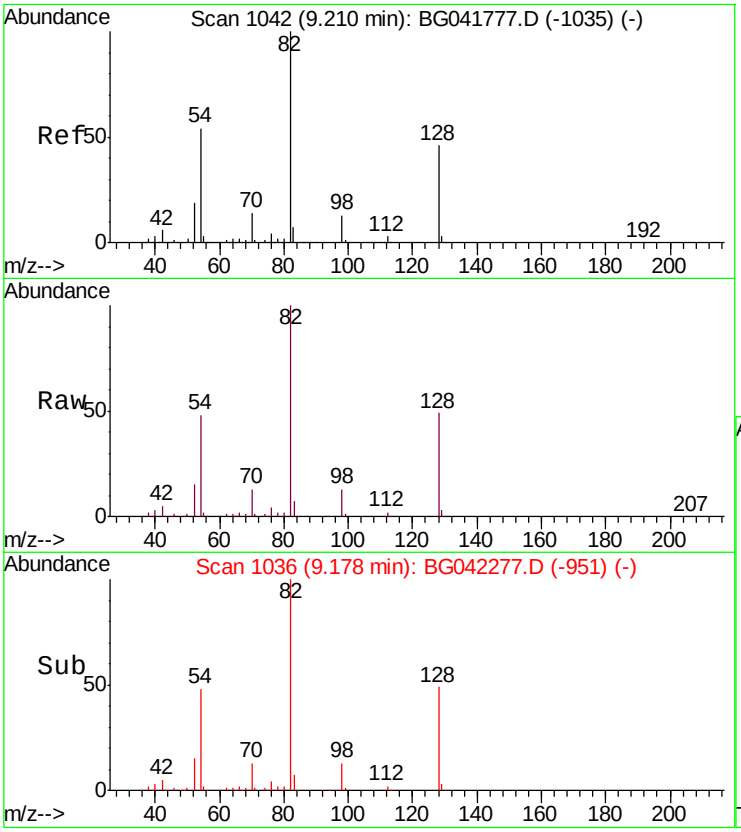


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.04 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Tgt Ion:136 Resp: 212646

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.9	8.7	13.1#
68	4.7	5.5	8.3#



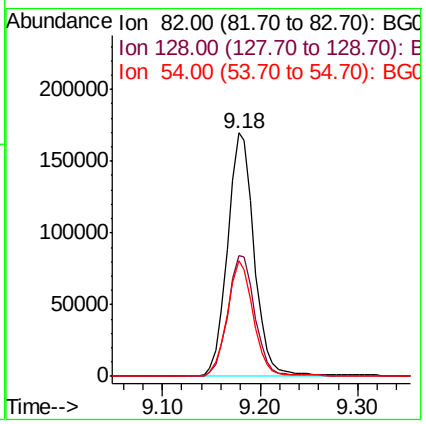


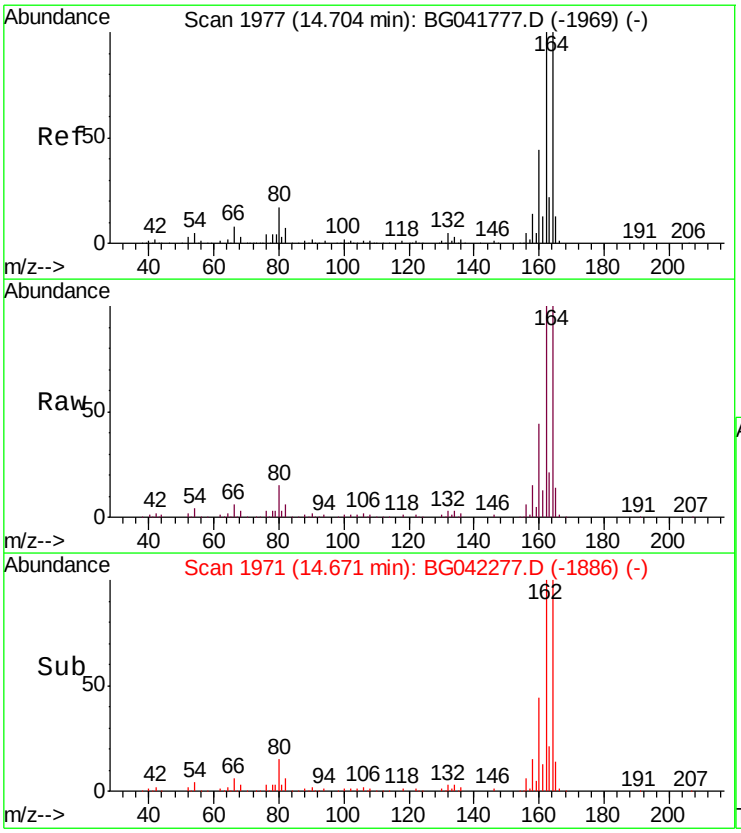
#23
Nitrobenzene-d5
Concen: 104.439 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-G1-G4-(3)

Tgt Ion: 82 Resp: 322723

Ion	Ratio	Lower	Upper
82	100		
128	49.4	35.1	52.7
54	47.6	48.7	73.1#

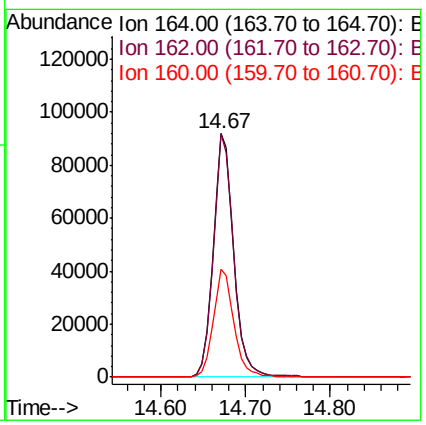


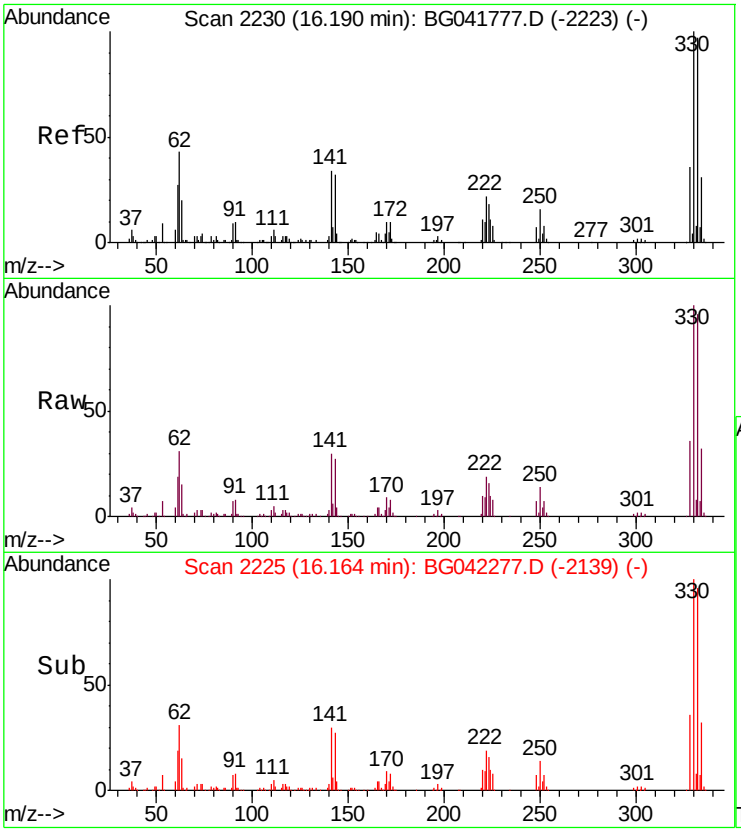


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.03 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Tgt Ion:164 Resp: 156058

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.6	119.4
160	44.4	35.4	53.0



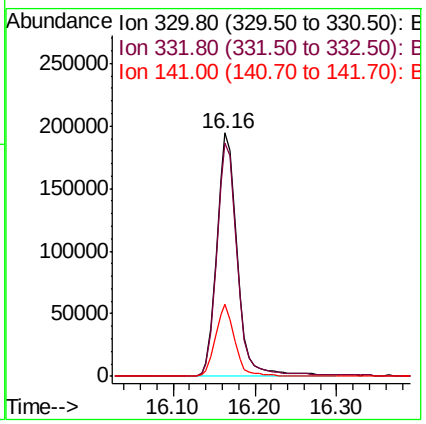


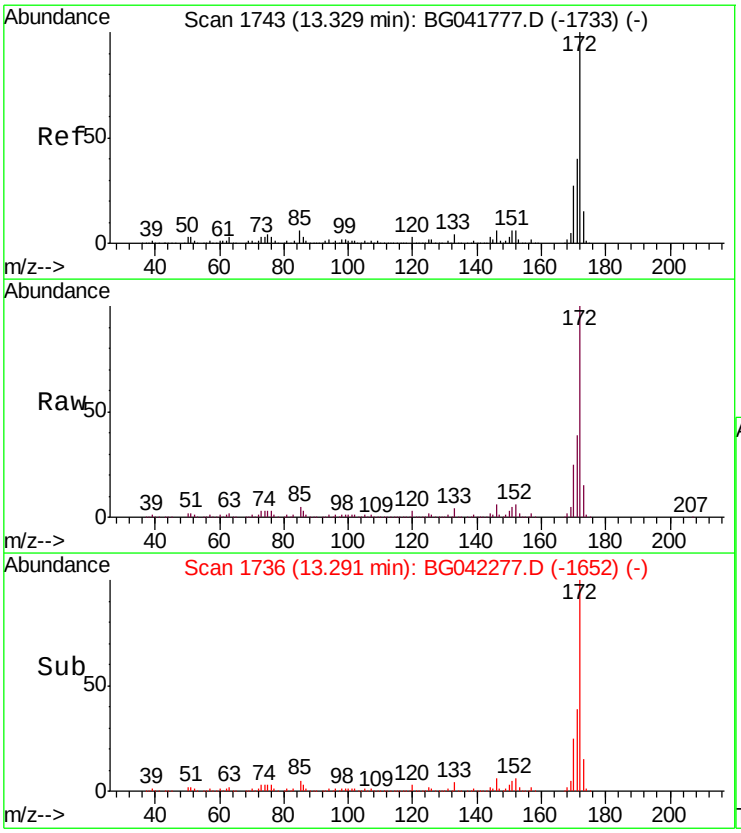
#42
2,4,6-Tribromophenol
Concen: 192.095 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-G1-G4-(3)

Tgt Ion:330 Resp: 340508

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.0
141	28.3	31.9	47.9#

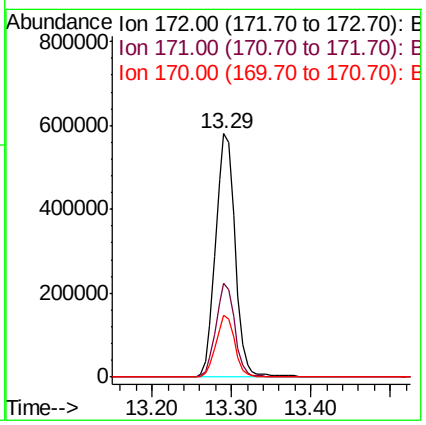


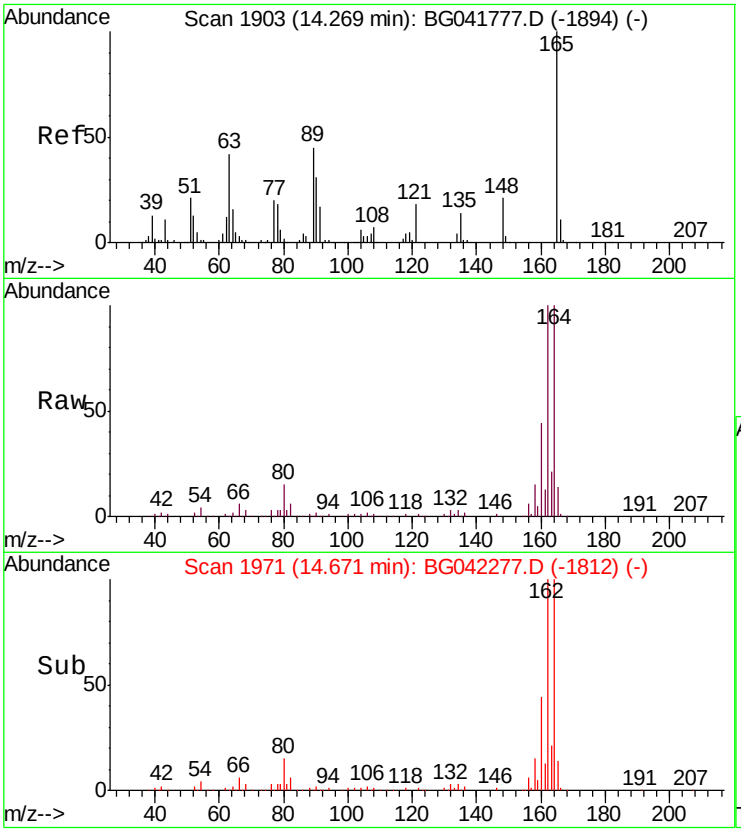


#45
2-Fluorobiphenyl
Concen: 112.494 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.04 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Tgt Ion:172 Resp: 995367

Ion	Ratio	Lower	Upper
172	100		
171	38.6	35.0	52.4
170	25.3	23.5	35.3



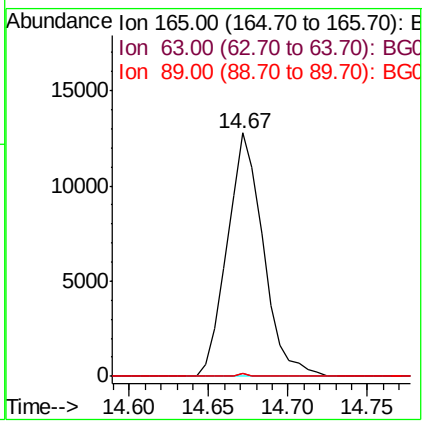


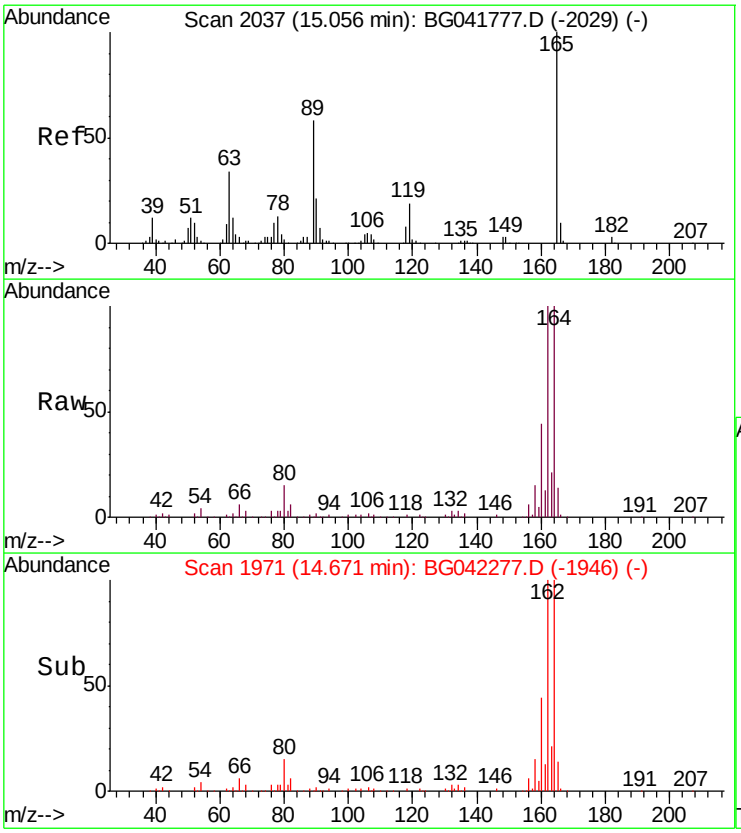
#51
2,6-Dinitrotoluene
Concen: 9.032 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.40 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-G1-G4-(3)

Tgt Ion:165 Resp: 20128

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.4	63.6#
89	1.3	42.1	63.1#

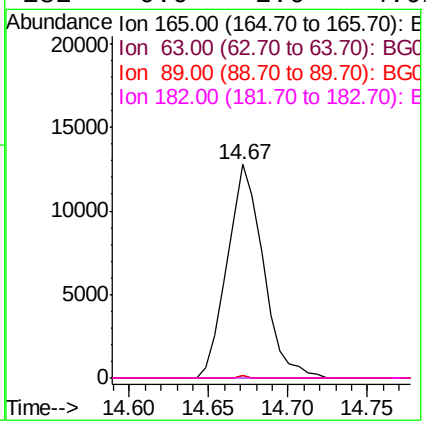


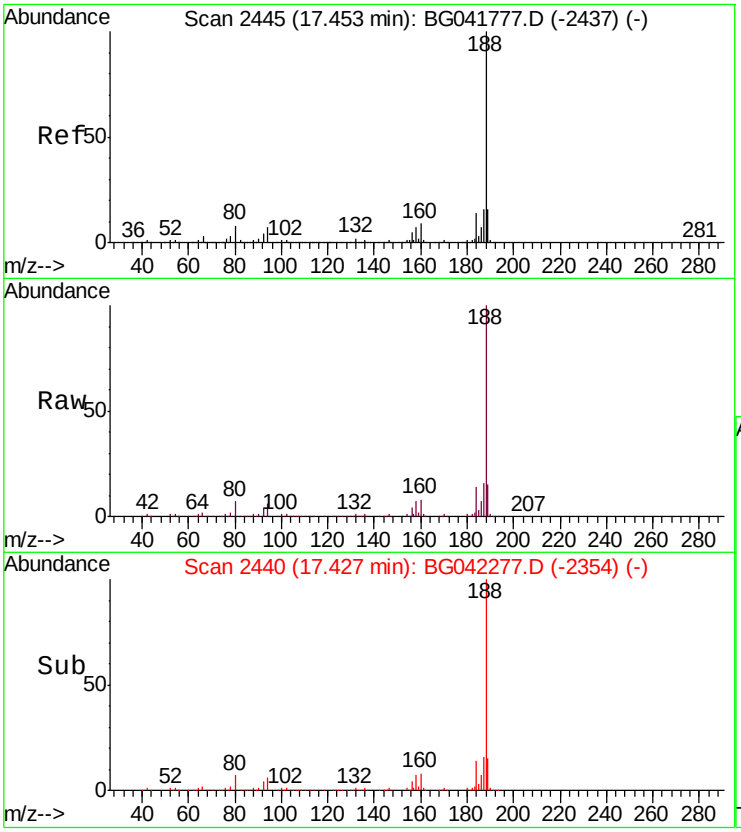


#57
2,4-Dinitrotoluene
Concen: 6.567 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.38 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Tgt Ion:165 Resp: 20128

Ion	Ratio	Lower	Upper
165	100		
63	1.3	31.7	47.5#
89	1.3	50.2	75.4#
182	0.0	2.6	4.0#



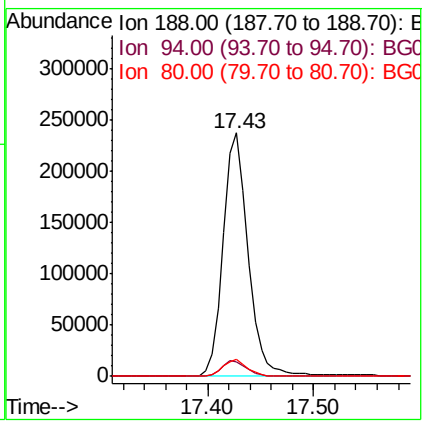


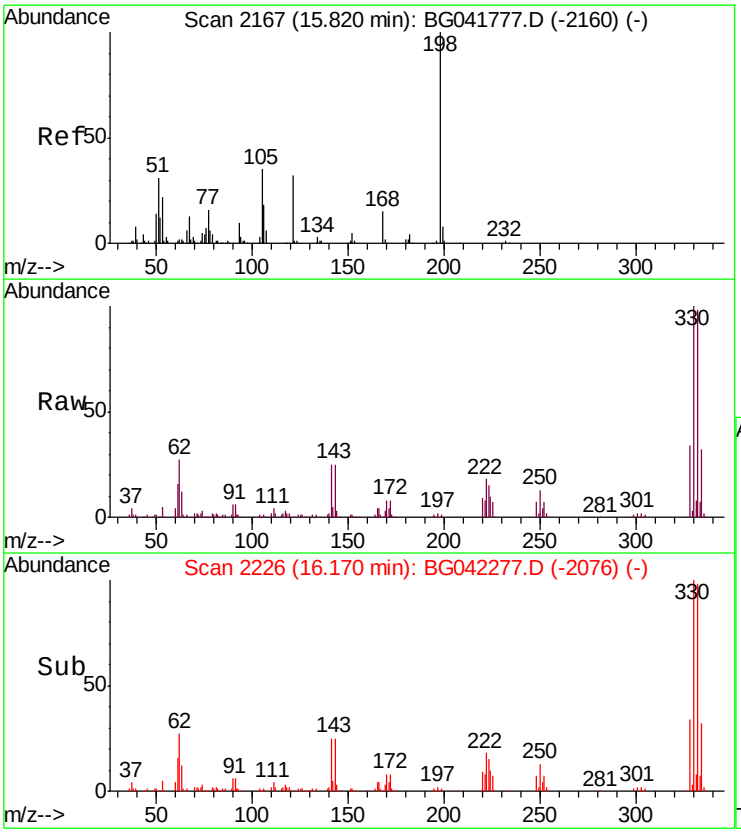
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.03 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-G1-G4-(3)

Tgt Ion:188 Resp: 388902

Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	6.9	8.0	12.0#

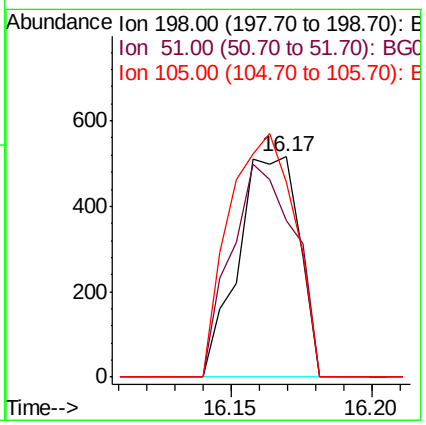


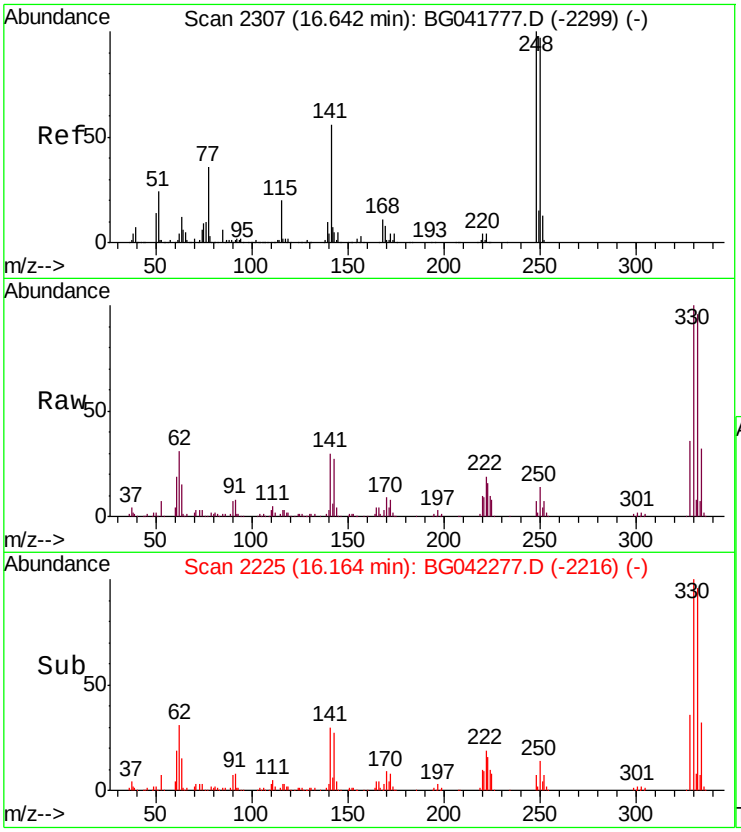


#65
4,6-Dinitro-2-methylphenol
Concen: 7.199 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.35 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Tgt Ion:198 Resp: 770

Ion	Ratio	Lower	Upper
198	100		
51	71.3	22.3	62.3#
105	88.5	18.0	58.0#



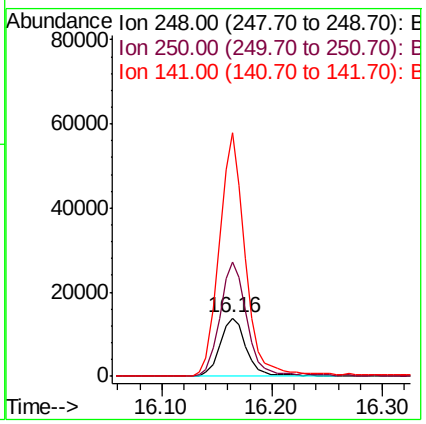


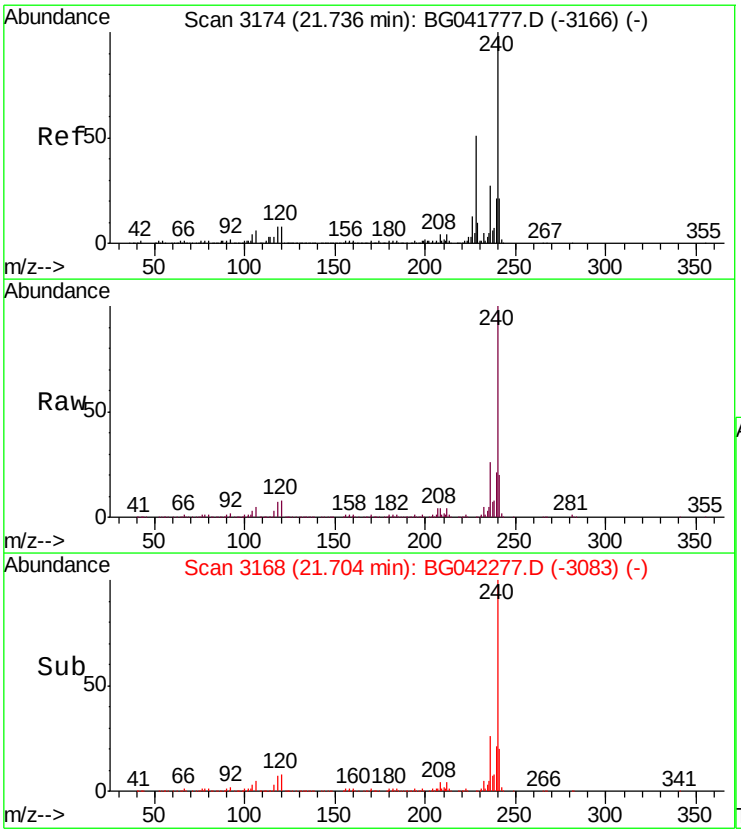
#67
4-Bromophenyl-phenylether
Concen: 4.848 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.48 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-G1-G4-(3)

Tgt Ion:248 Resp: 23224

Ion	Ratio	Lower	Upper
248	100		
250	196.0	78.1	117.1#
141	419.1	49.6	74.4#

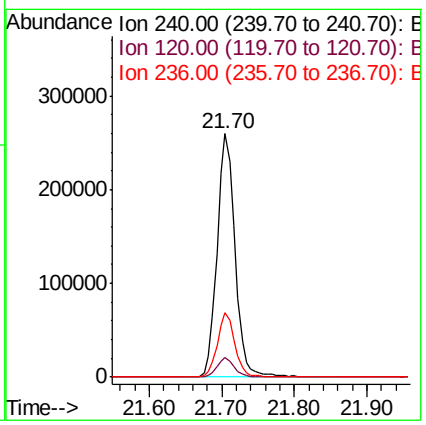


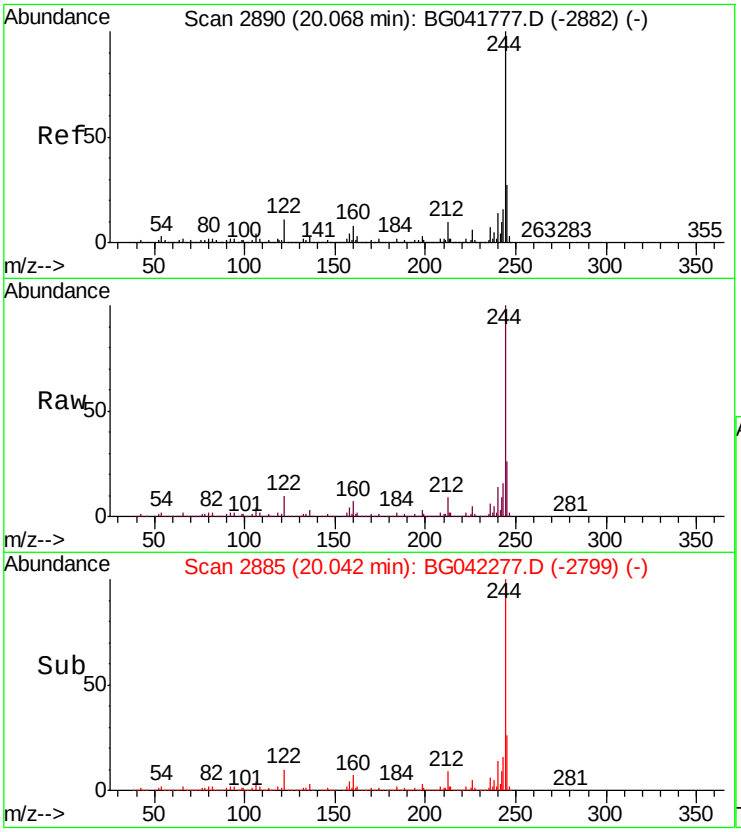


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.03 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Tgt Ion:240 Resp: 448539

Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.0	12.0#
236	26.5	22.6	33.8



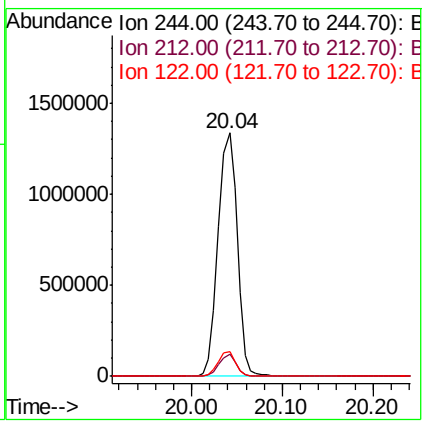


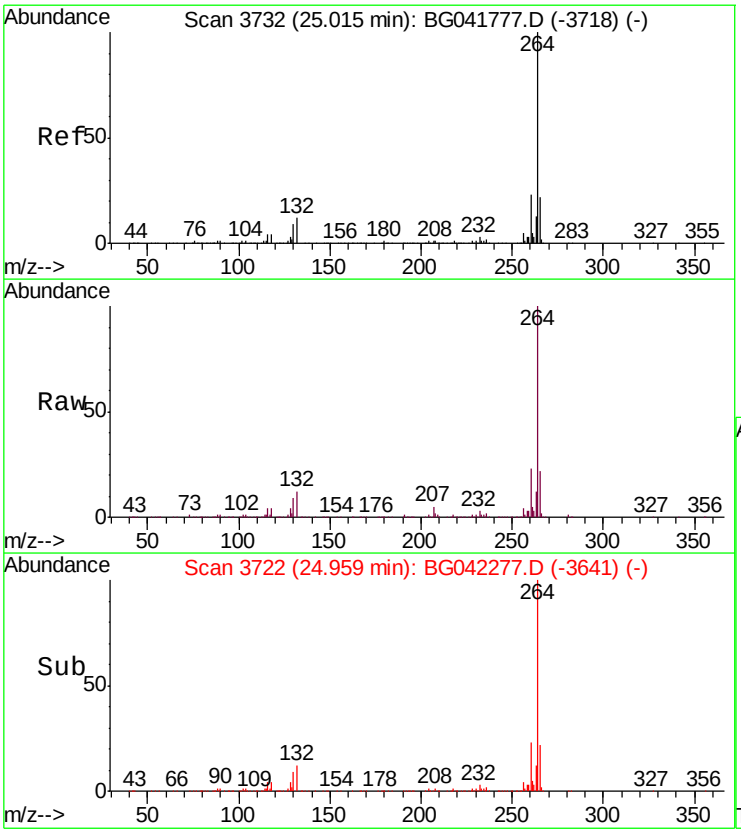
#79
Terphenyl-d14
Concen: 100.160 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.03 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-G1-G4-(3)

Tgt Ion:244 Resp: 1963302

Ion	Ratio	Lower	Upper
244	100		
212	8.9	9.7	14.5#
122	10.0	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.06 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Tgt Ion:264 Resp: 518049

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	22.0	18.0	27.0