Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
Data File : BG042297.D
Acq On : 17 Aug 2019 19:18
Operator : HP/JU
Sample : K4228-32
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2S-I1-I4-COMP-(0-1)

Quant Time: Aug 19 05:59:12 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	65927	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	240790	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	172352	20.00	ng	-0.04
64) Phenanthrene-d10	17.42	188	431135	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	509918	20.00	ng	-0.04
87) Perylene-d12	24.94	264	579238	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	397838	117.41	ng	-0.03
7) Phenol-d6	7.17	99	479704	105.01	ng	-0.03
23) Nitrobenzene-d5	9.18	82	336938	96.29	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	341435	174.41	ng	-0.03
45) 2-Fluorobiphenyl	13.28	172	1007794	103.13	ng	-0.04
79) Terphenyl-d14	20.03	244	2028161	91.01	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	15909	9.975	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	43372	13.077	ng	# 63
51) 2,6-Dinitrotoluene	14.67	165	22631	9.195	ng	# 26
57) 2,4-Dinitrotoluene	14.67	165	22629	6.685	ng	# 28
65) 4,6-Dinitro-2-methylphenol	16.16	198	894	7.216	ng	# 1
67) 4-Bromophenyl-phenylether	16.16	248	24207	4.558	ng	# 1

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

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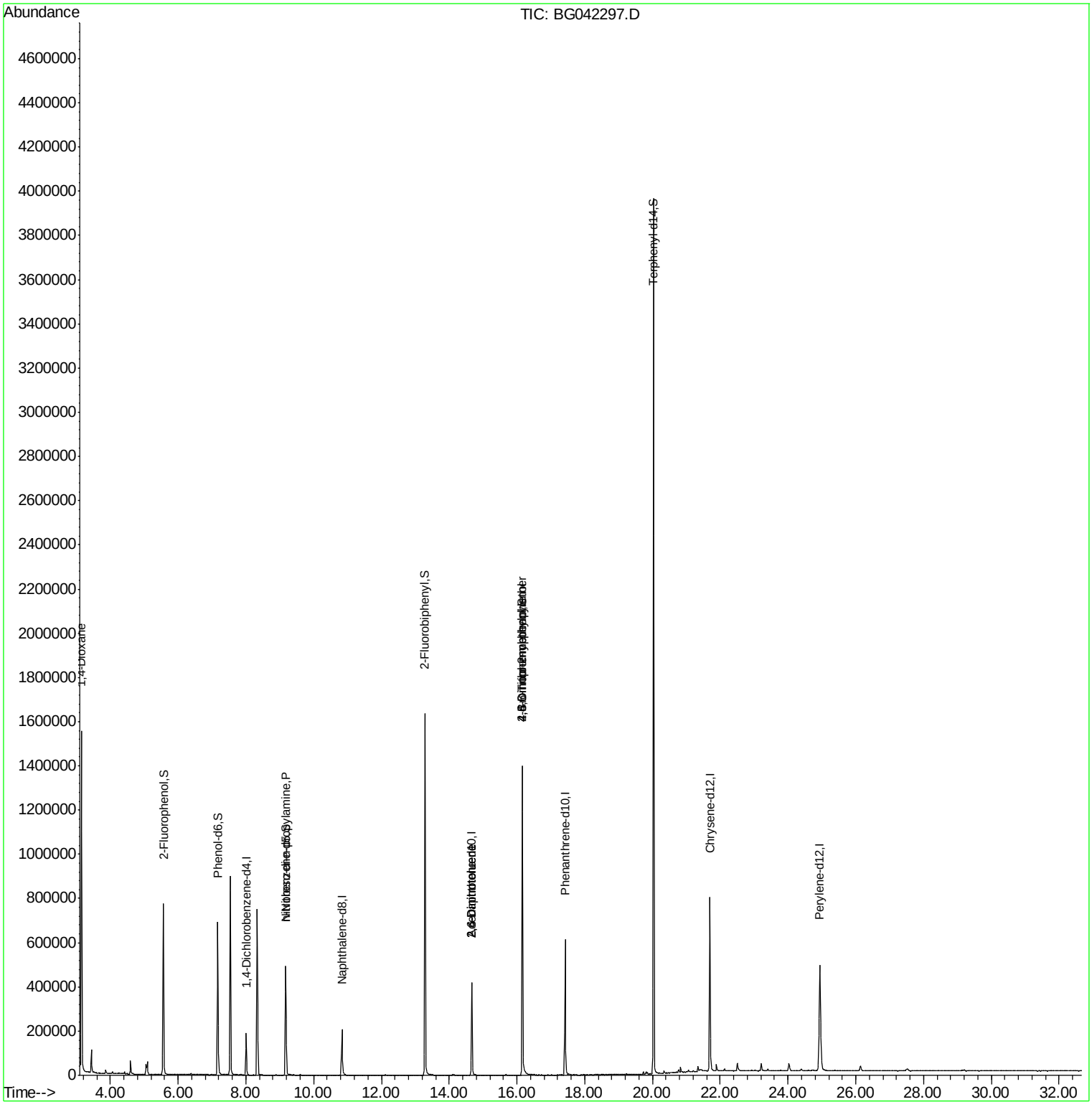
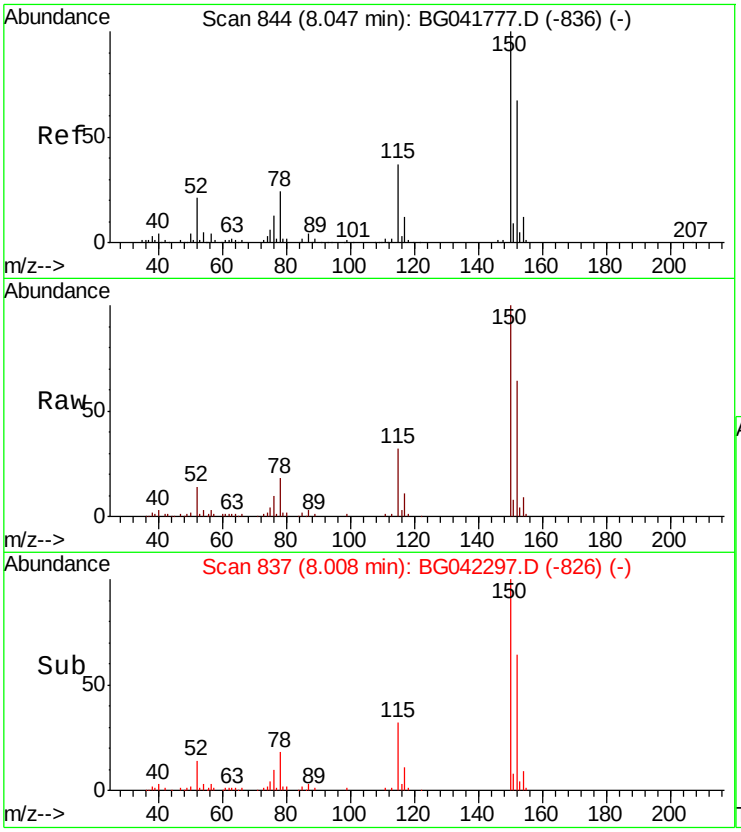


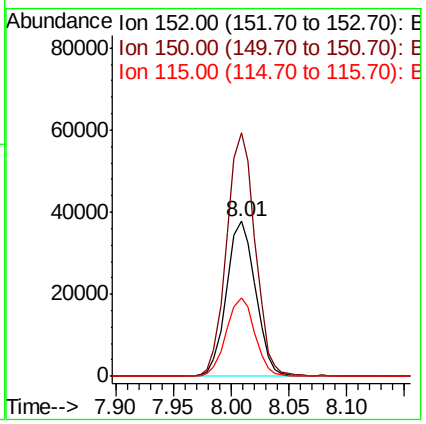


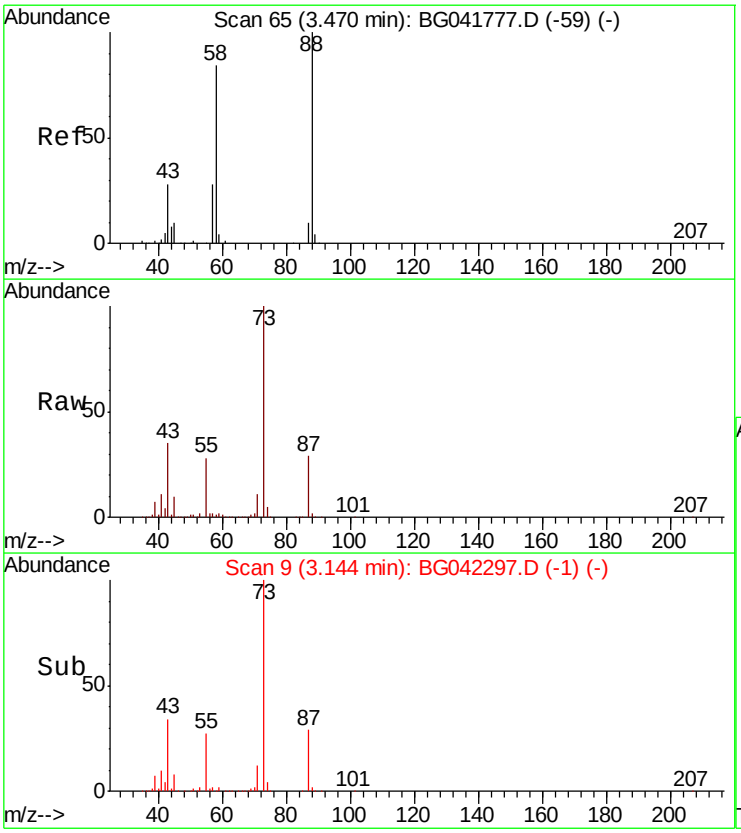
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.04 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Instrument :
BNA_G
ClientSampleId :
2S-I1-I4-COMP-(0-1)

Tgt Ion:152 Resp: 65927

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.9	190.3
115	50.8	45.0	67.6

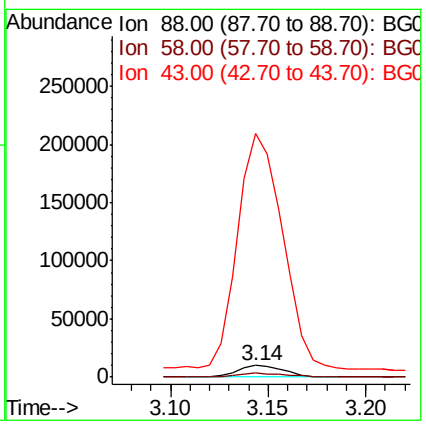


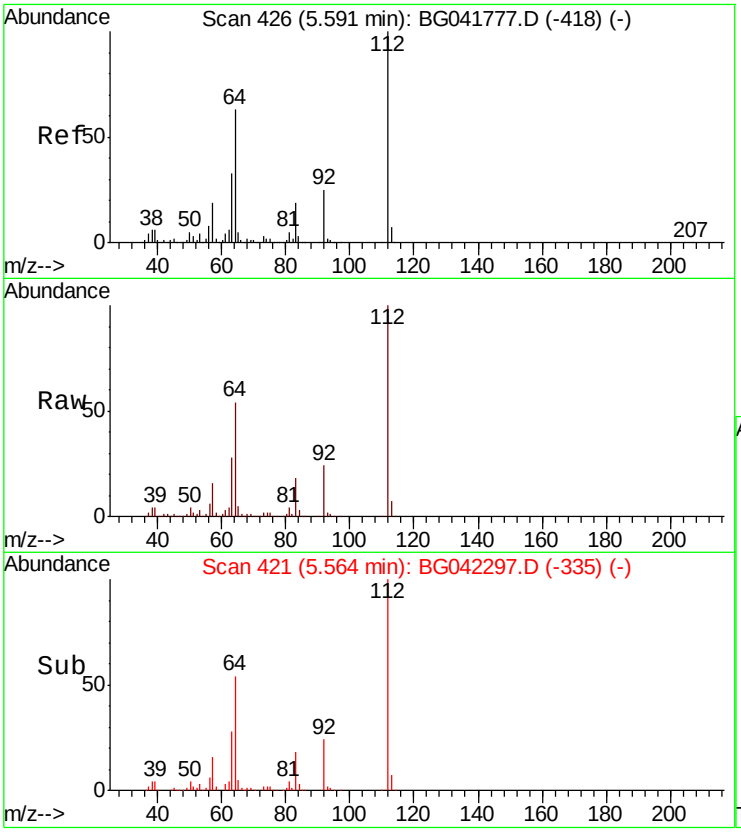


#2
1,4-Dioxane
Concen: 9.975 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.33 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Tgt Ion: 88 Resp: 15909

Ion	Ratio	Lower	Upper
88	100		
58	26.9	76.2	114.2#
43	2129.4	27.2	40.8#



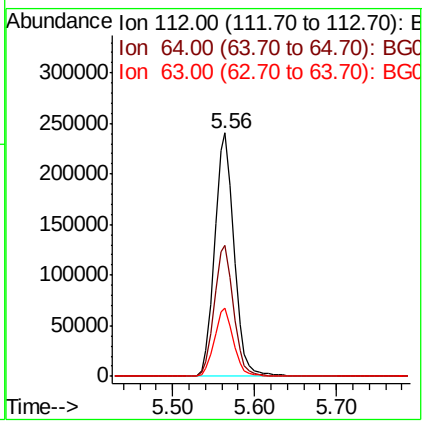


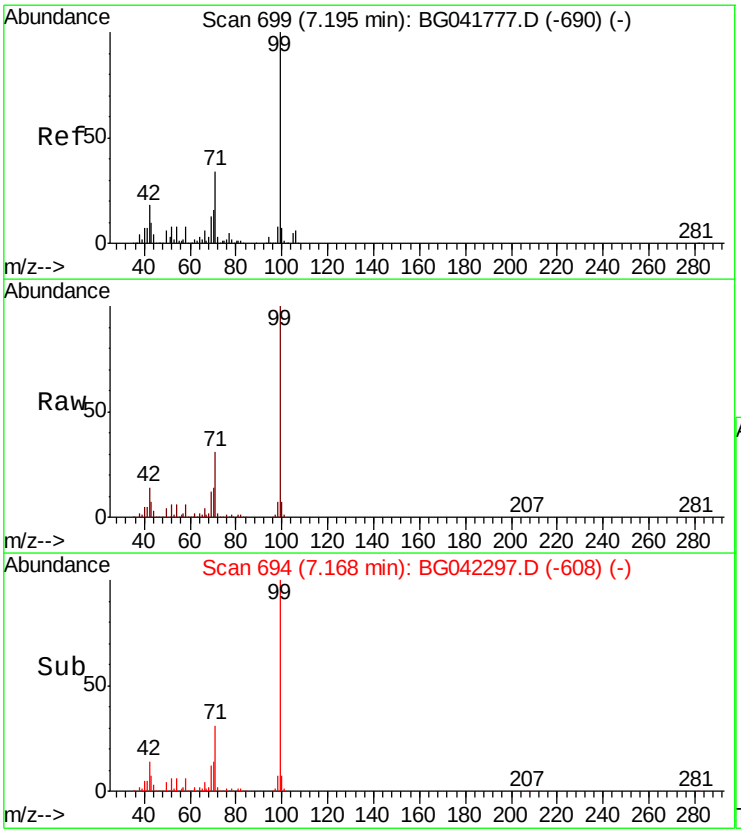
#5
2-Fluorophenol
Concen: 117.409 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.03 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Instrument :
BNA_G
ClientSampleId :
2S-I1-I4-COMP-(0-1)

Tgt Ion:112 Resp: 397838

Ion	Ratio	Lower	Upper
112	100		
64	54.0	55.4	83.2#
63	28.0	29.1	43.7#

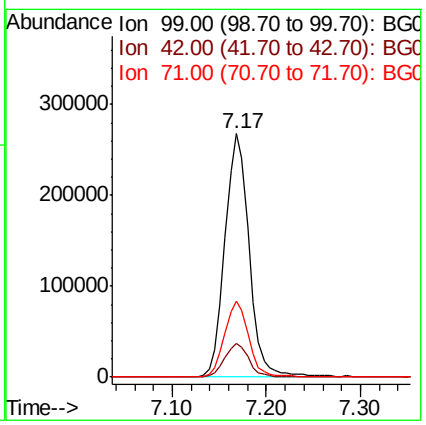


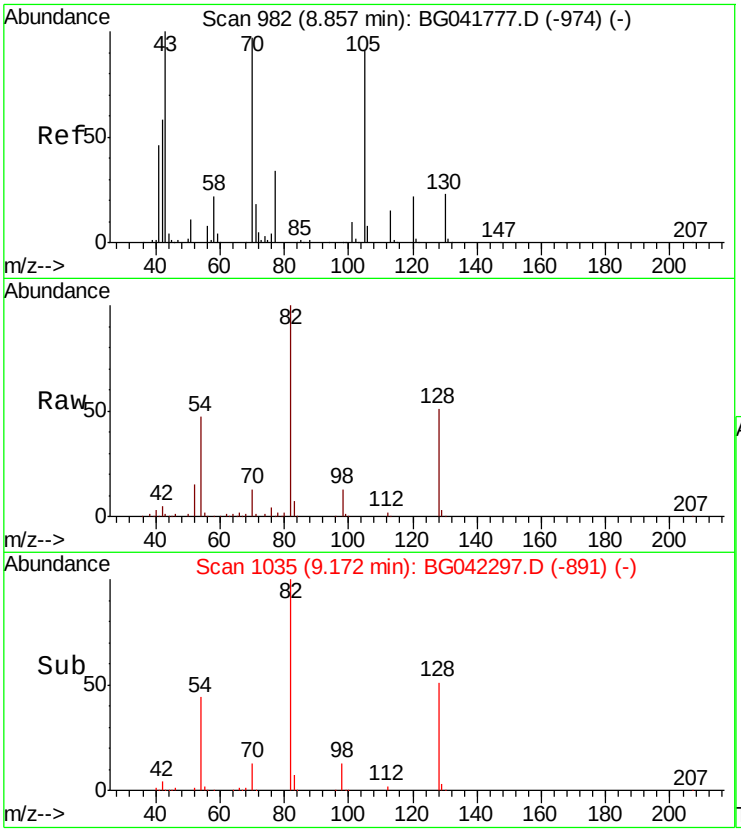


#7
Phenol-d6
Concen: 105.009 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.03 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Tgt Ion: 99 Resp: 479704

Ion	Ratio	Lower	Upper
99	100		
42	14.0	17.6	26.4#
71	31.2	27.8	41.6



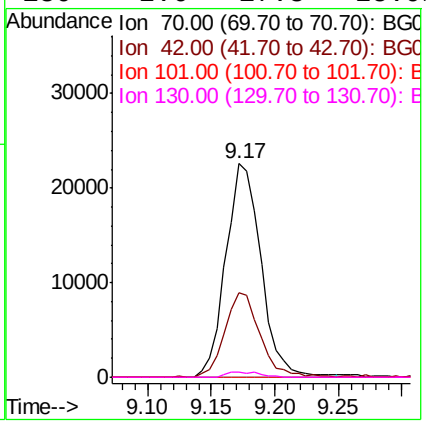


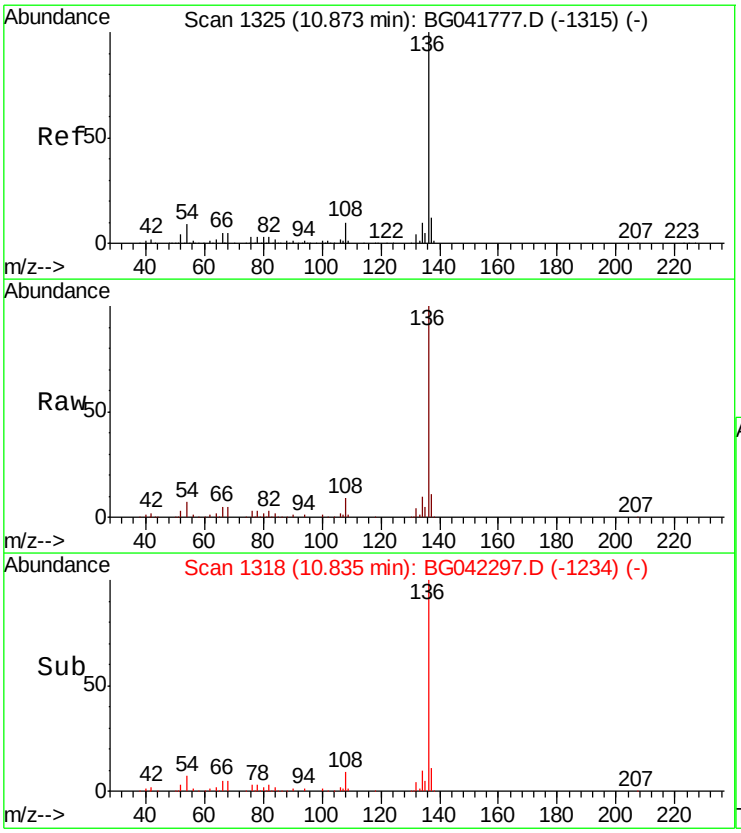
#19
n-Nitroso-di-n-propylamine
Concen: 13.077 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.31 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Instrument :
BNA_G
ClientSampleId :
2S-I1-I4-COMP-(0-1)

Tgt Ion: 70 Resp: 43372

Ion	Ratio	Lower	Upper
70	100		
42	39.6	55.8	83.6#
101	0.0	8.1	12.1#
130	2.6	17.3	25.9#

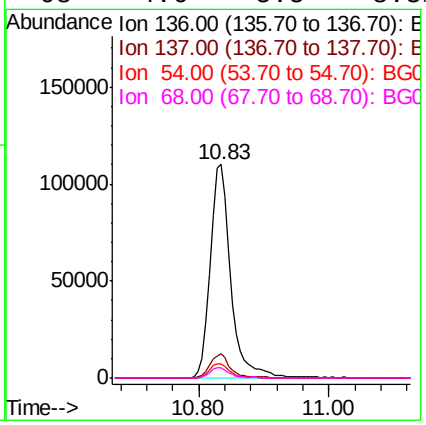


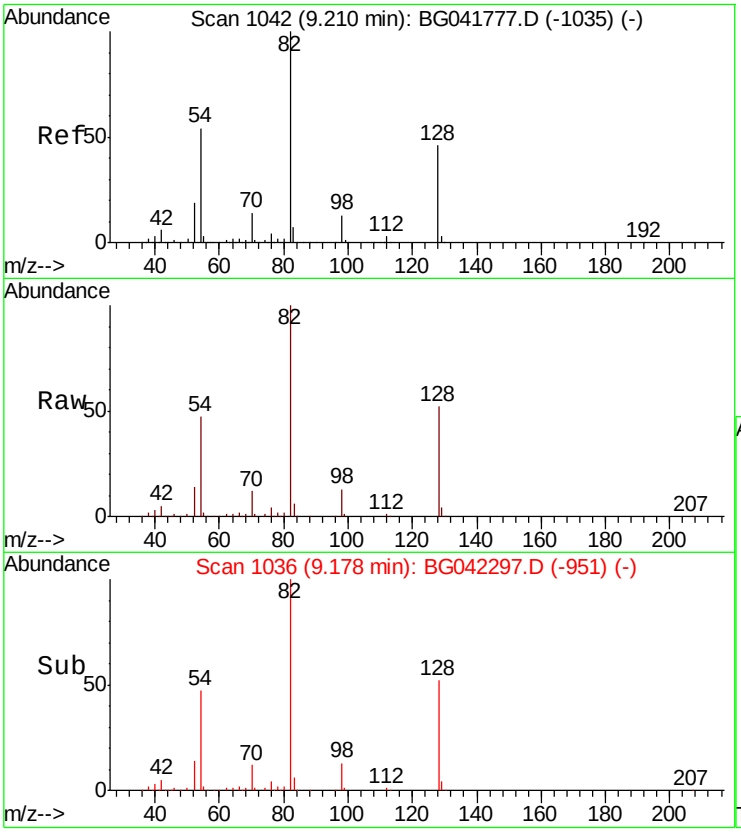


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.04 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Tgt Ion:136 Resp: 240790

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.8	8.7	13.1#
68	4.6	5.5	8.3#



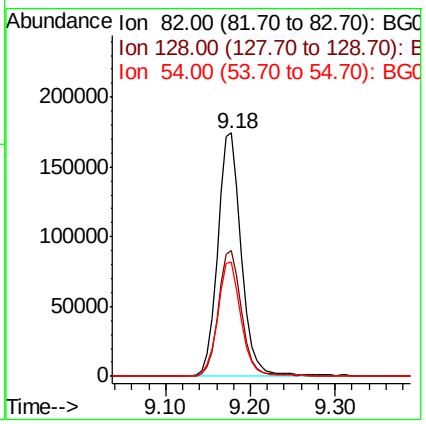


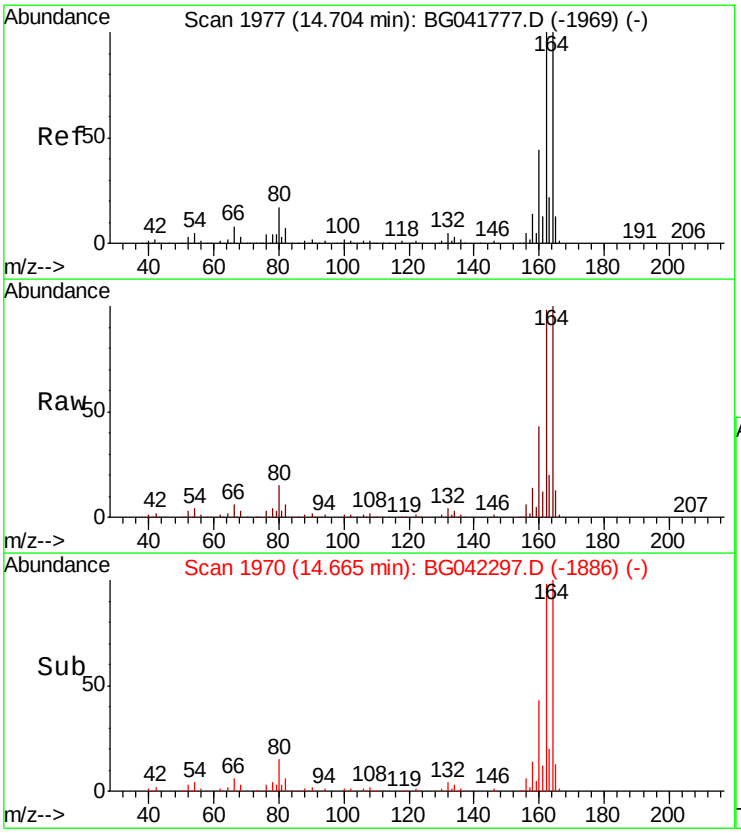
#23
Nitrobenzene-d5
Concen: 96.295 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Instrument :
BNA_G
ClientSampleId :
2S-I1-I4-COMP-(0-1)

Tgt Ion: 82 Resp: 336938

Ion	Ratio	Lower	Upper
82	100		
128	51.6	35.1	52.7
54	46.7	48.7	73.1#

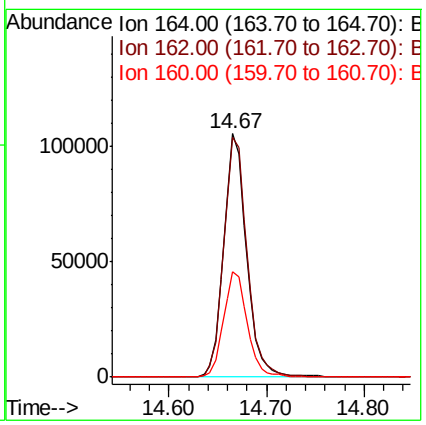


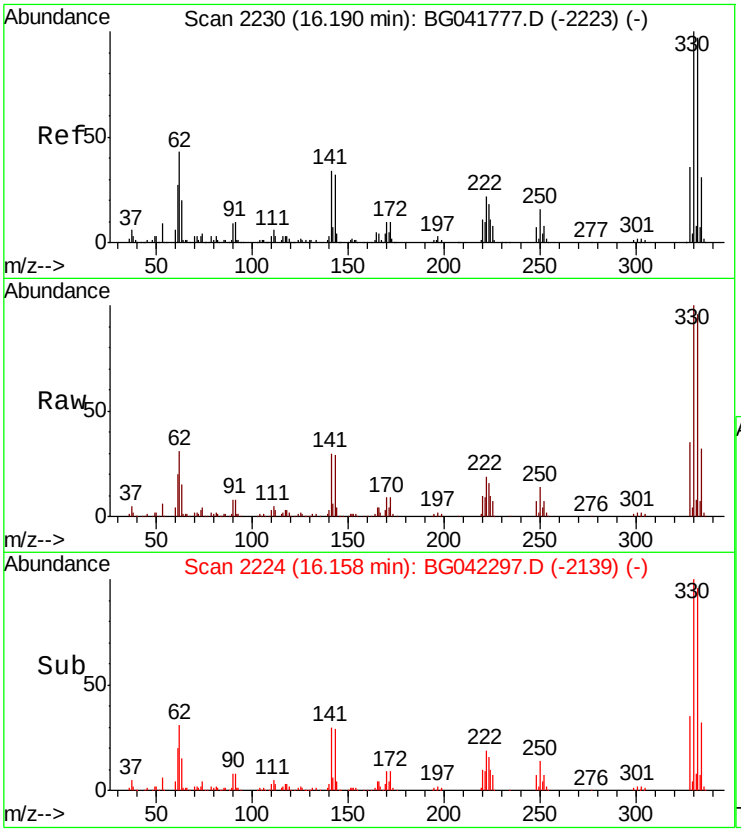


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.04 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Tgt Ion:164 Resp: 172352

Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.6	119.4
160	43.4	35.4	53.0



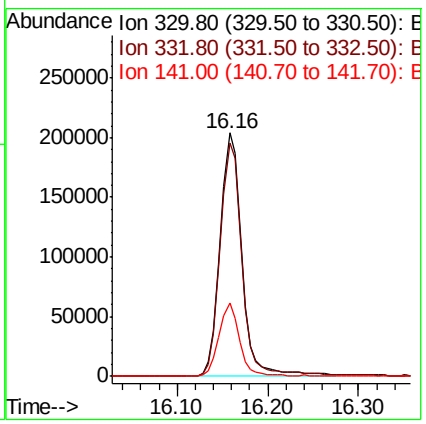


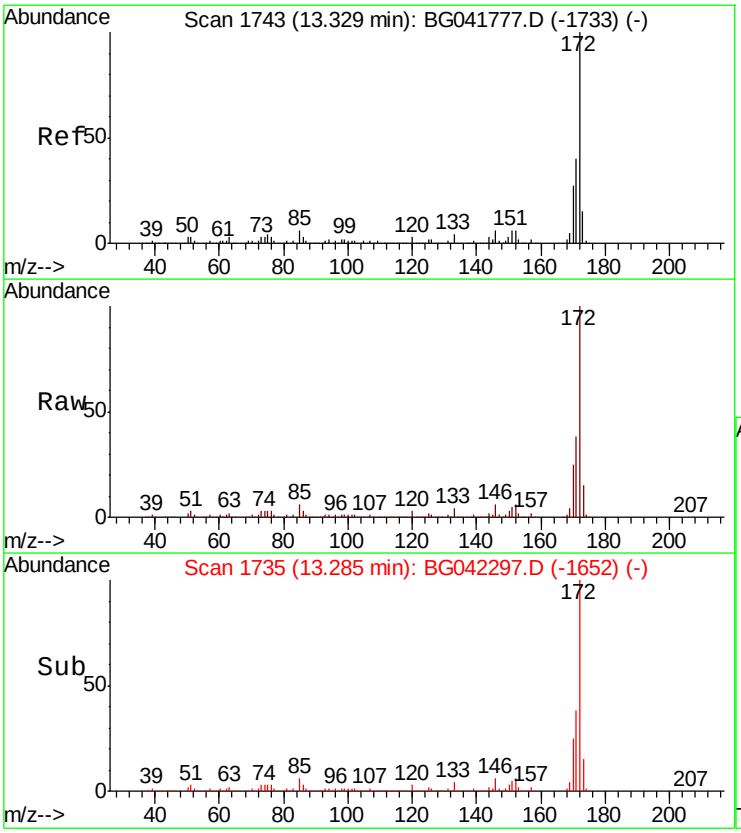
#42
2,4,6-Tribromophenol
Concen: 174.408 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.03 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Instrument :
BNA_G
ClientSampleId :
2S-I1-I4-COMP-(0-1)

Tgt Ion:330 Resp: 341435

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.0
141	28.4	31.9	47.9#

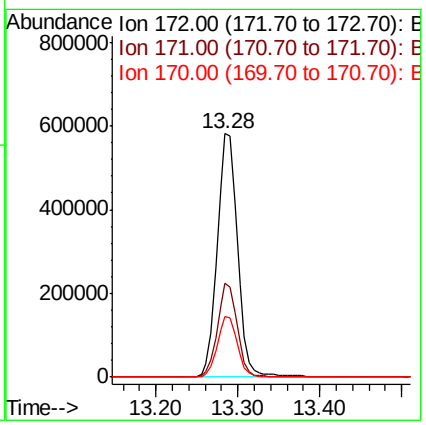


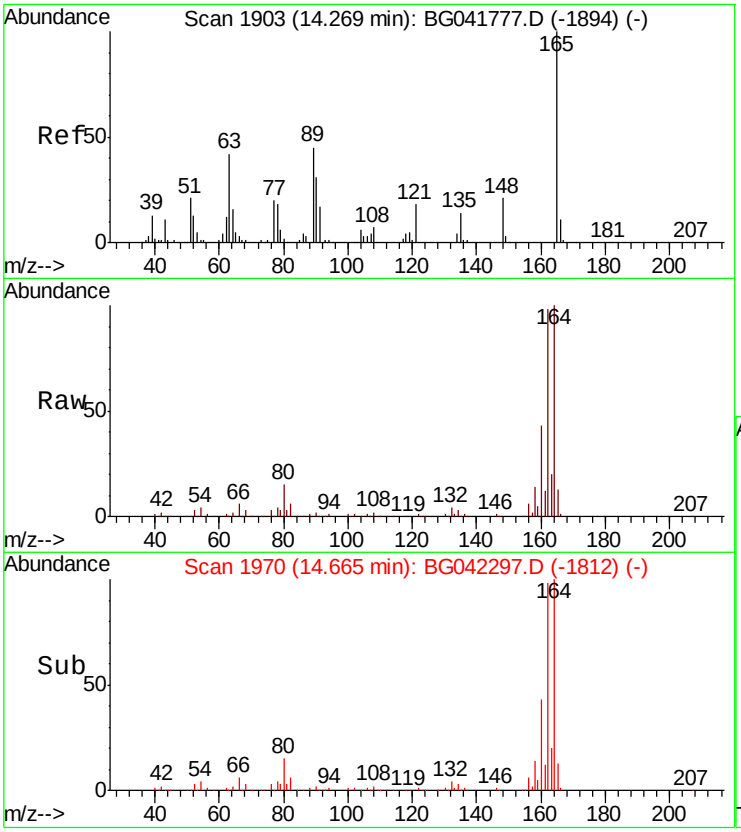


#45
2-Fluorobiphenyl
Concen: 103.130 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.04 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Tgt Ion:172 Resp: 1007794

Ion	Ratio	Lower	Upper
172	100		
171	38.5	35.0	52.4
170	25.0	23.5	35.3



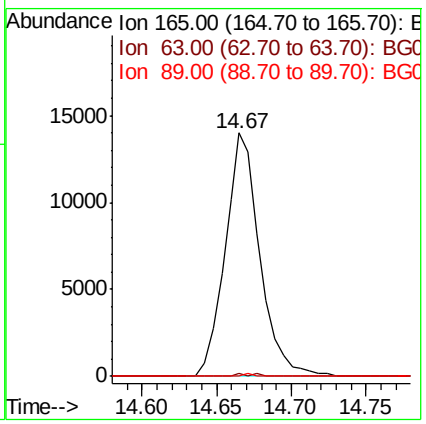


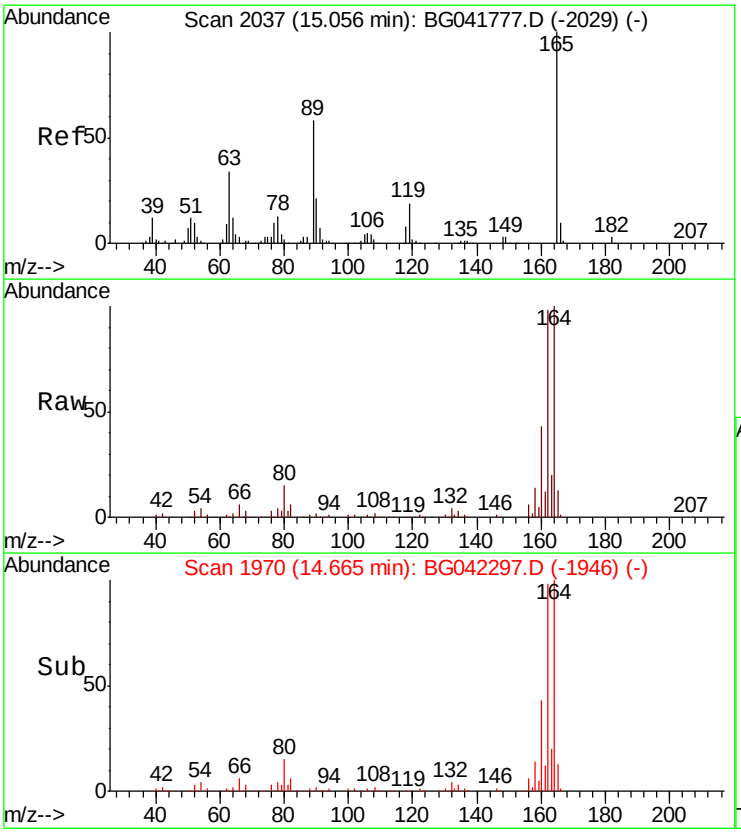
#51
2,6-Dinitrotoluene
Concen: 9.195 ng
RT: 14.67 min Scan# 1970
Delta R.T. 0.40 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Instrument :
BNA_G
ClientSampleId :
2S-I1-I4-COMP-(0-1)

Tgt Ion:165 Resp: 22631

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.4	63.6#
89	0.0	42.1	63.1#

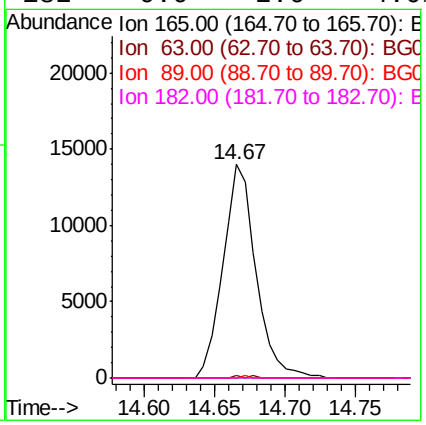


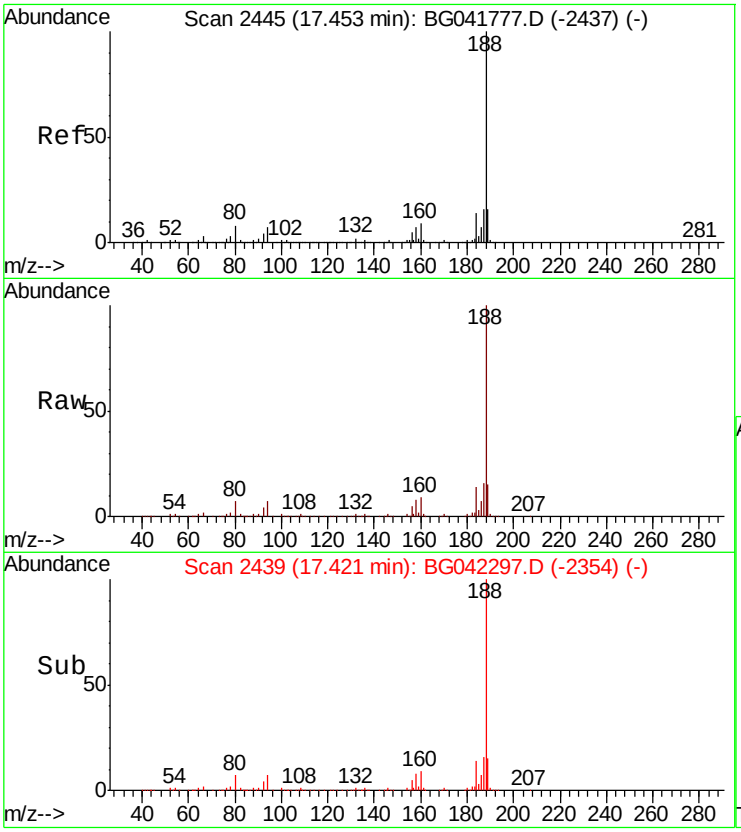


#57
2,4-Dinitrotoluene
Concen: 6.685 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.39 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Tgt Ion:165 Resp: 22629

Ion	Ratio	Lower	Upper
165	100		
63	1.4	31.7	47.5#
89	0.0	50.2	75.4#
182	0.0	2.6	4.0#



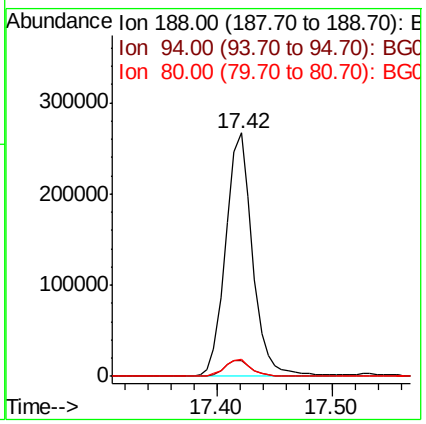


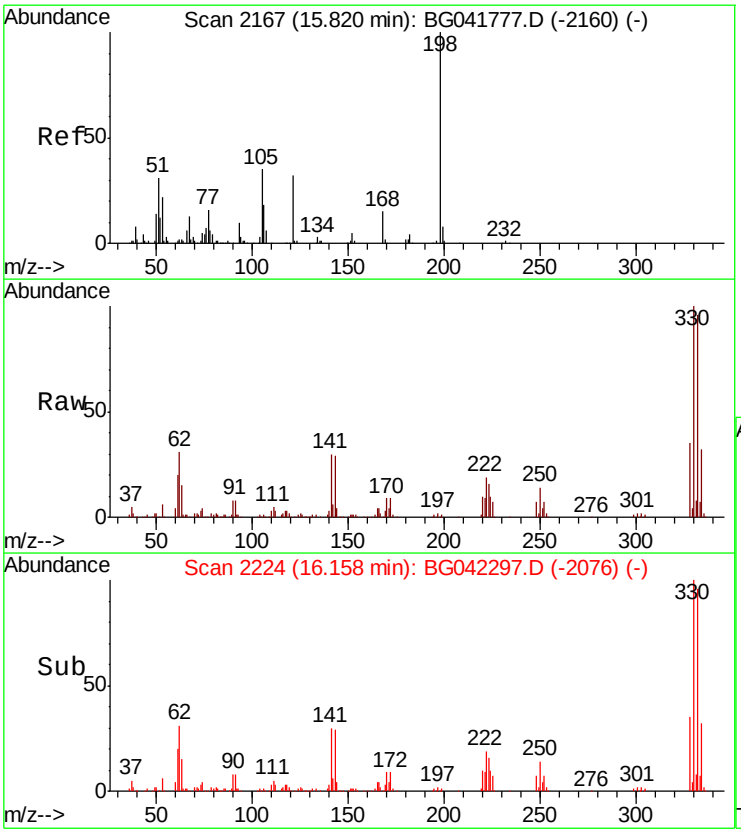
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Instrument :
BNA_G
ClientSampleId :
2S-I1-I4-COMP-(0-1)

Tgt Ion:188 Resp: 431135

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	6.8	8.0	12.0#

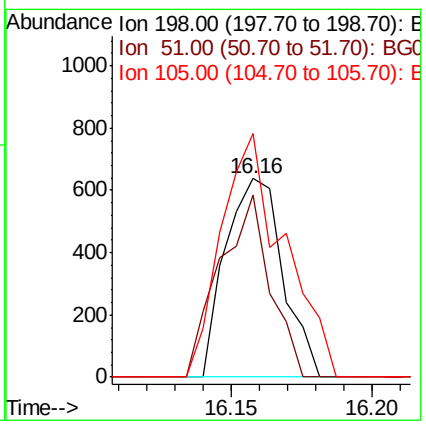


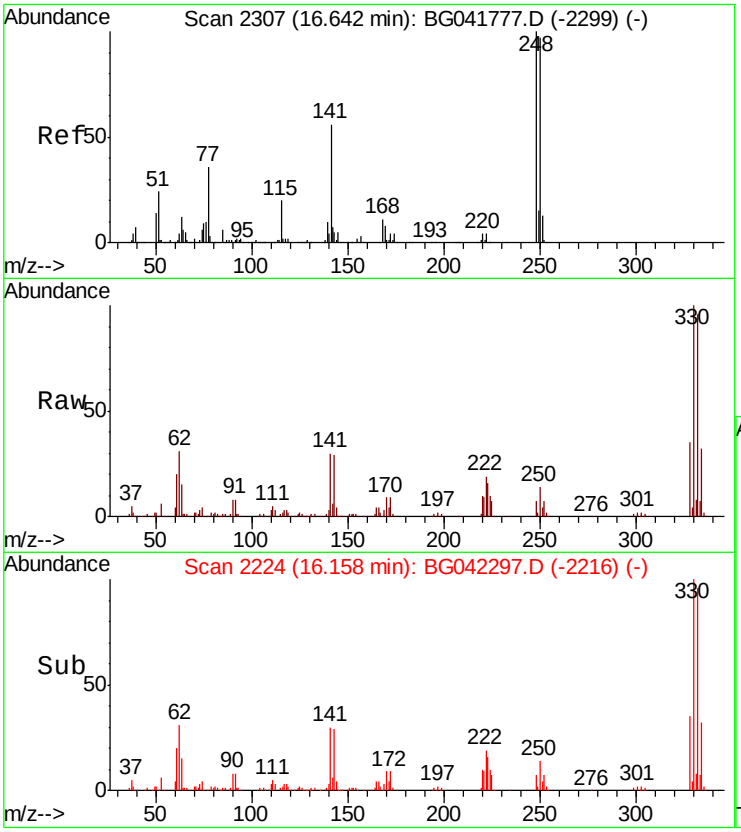


#65
4,6-Dinitro-2-methylphenol
Concen: 7.216 ng
RT: 16.16 min Scan# 2224
Delta R.T. 0.34 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Tgt Ion:198 Resp: 894

Ion	Ratio	Lower	Upper
198	100		
51	91.8	22.3	62.3#
105	122.6	18.0	58.0#



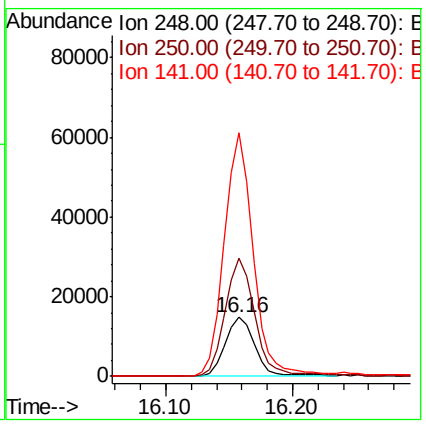


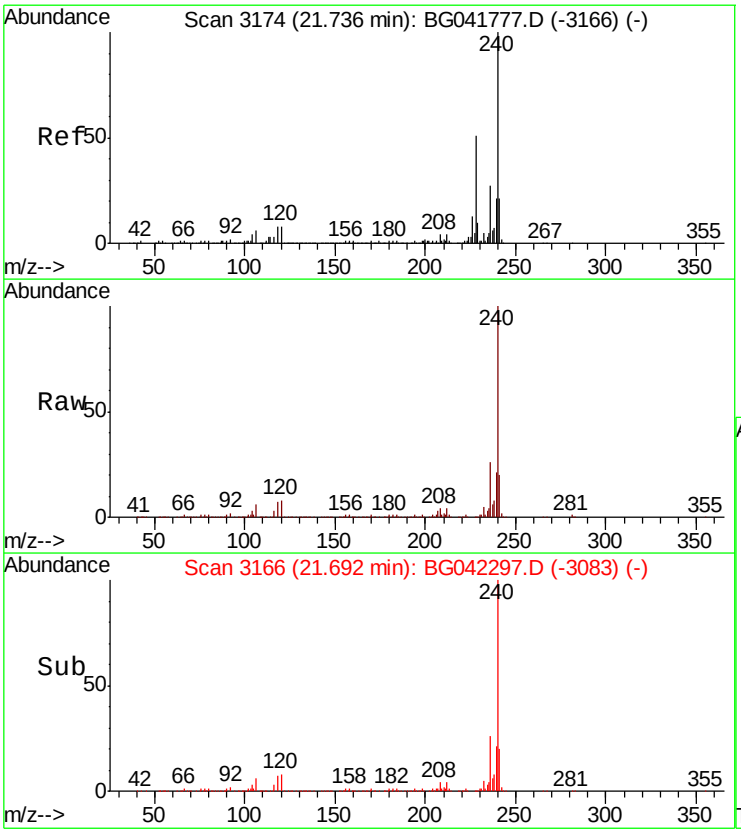
#67
4-Bromophenyl-phenylether
Concen: 4.558 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.48 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Instrument :
BNA_G
ClientSampleId :
2S-I1-I4-COMP-(0-1)

Tgt Ion:248 Resp: 24207

Ion	Ratio	Lower	Upper
248	100		
250	199.0	78.1	117.1#
141	411.6	49.6	74.4#

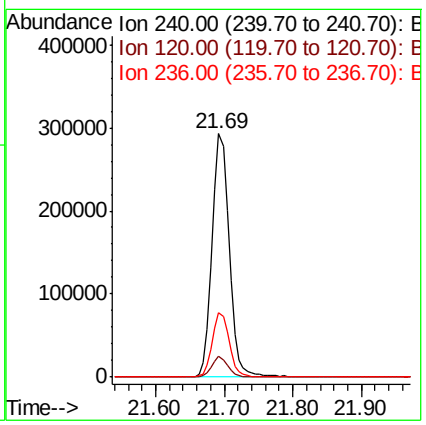


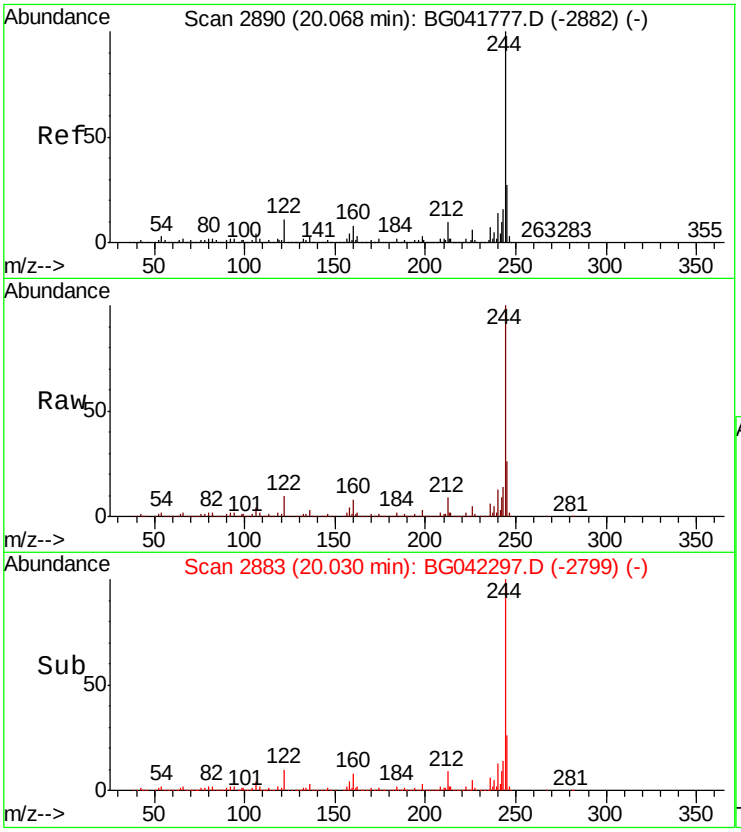


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Tgt Ion:240 Resp: 509918

Ion	Ratio	Lower	Upper
240	100		
120	8.4	8.0	12.0
236	26.4	22.6	33.8



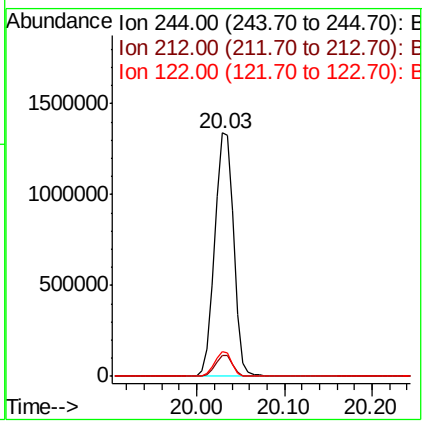


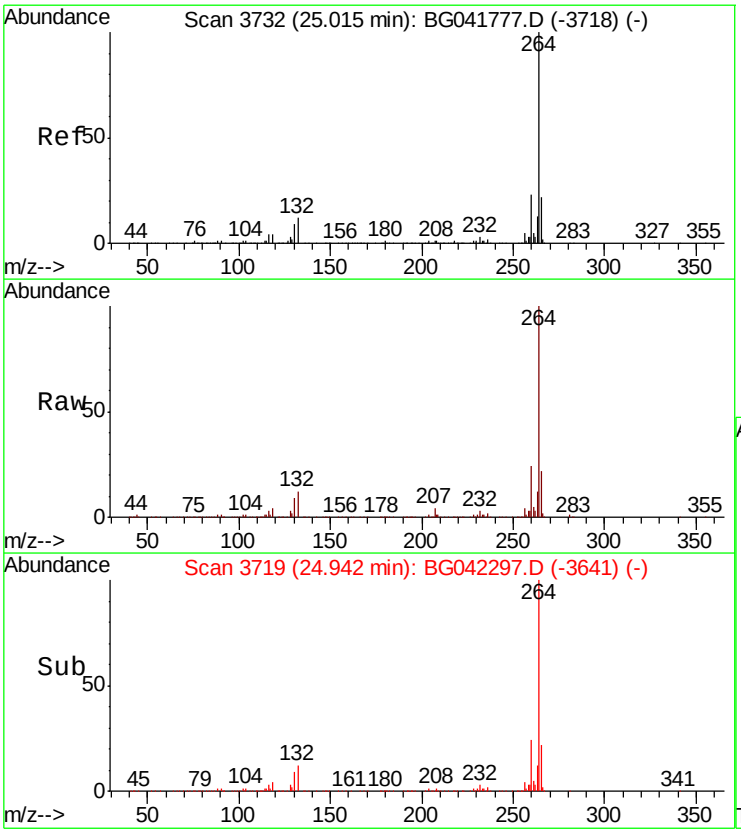
#79
Terphenyl-d14
Concen: 91.014 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.04 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Instrument :
BNA_G
ClientSampleId :
2S-I1-I4-COMP-(0-1)

Tgt Ion:244 Resp: 2028161

Ion	Ratio	Lower	Upper
244	100		
212	8.8	9.7	14.5#
122	10.3	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.07 min
Lab File: BG042297.D
Acq: 17 Aug 2019 19:18

Tgt Ion:264 Resp: 579238

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.4	18.0	27.0