Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
Data File : BG041882.D
Acq On : 2 Aug 2019 10:49
Operator : HP/JU
Sample : PB121888BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 02 17:55:05 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	8.04	152	105997	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	412849	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	296989	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	692568	20.00	ng	0.00
76) Chrysene-d12	21.73	240	726010	20.00	ng	0.00
87) Perylene-d12	25.00	264	824528	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	694136	127.41	ng	0.00
7) Phenol-d6	7.19	99	937167	127.60	ng	0.00
23) Nitrobenzene-d5	9.21	82	567365	94.57	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	494003	146.44	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1540257	91.47	ng	0.00
79) Terphenyl-d14	20.07	244	2510596	79.13	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	74880	14.043	ng	# 69
51) 2,6-Dinitrotoluene	14.70	165	38608	9.103	ng	# 27
54) 2,4-Dinitrophenol	14.64	184	54	3.279	ng	# 21
57) 2,4-Dinitrotoluene	14.70	165	38608	6.619	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.19	198	1335	7.190	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	37814	4.432	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
Data File : BG041882.D
Acq On : 2 Aug 2019 10:49
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 02 17:55:05 2019
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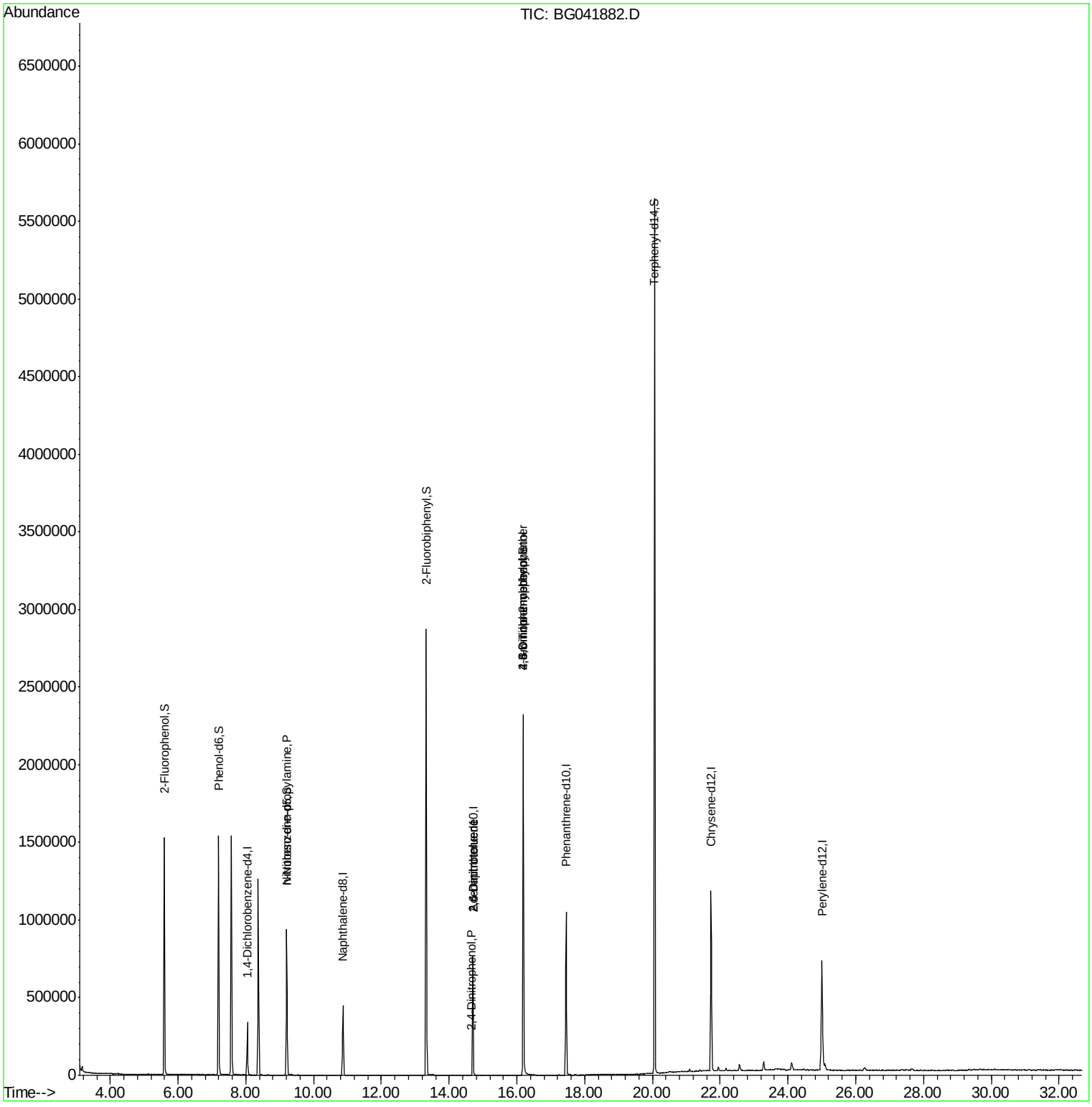
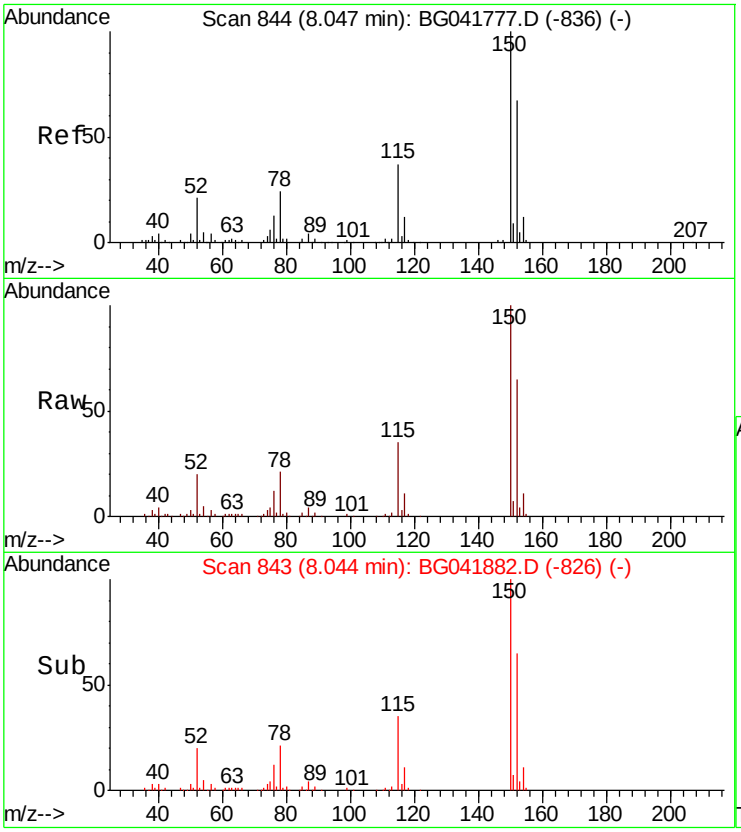
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration



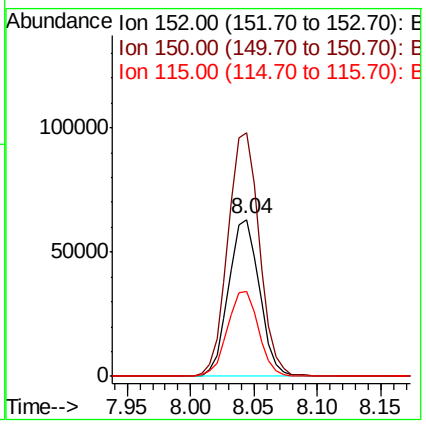


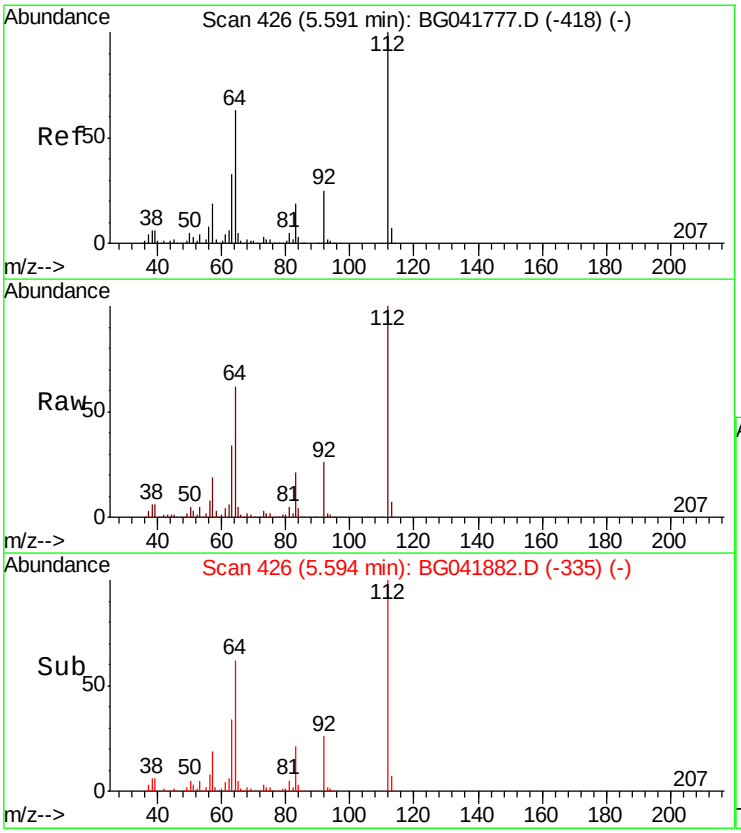
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 105997

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.9	190.3
115	54.4	45.0	67.6

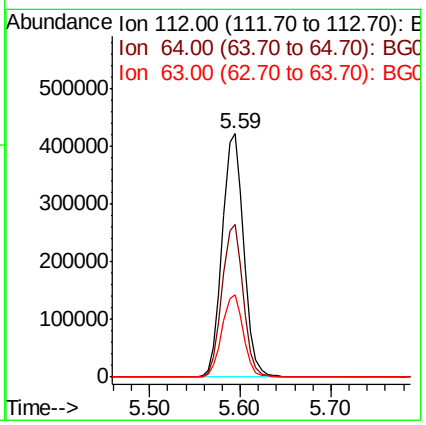


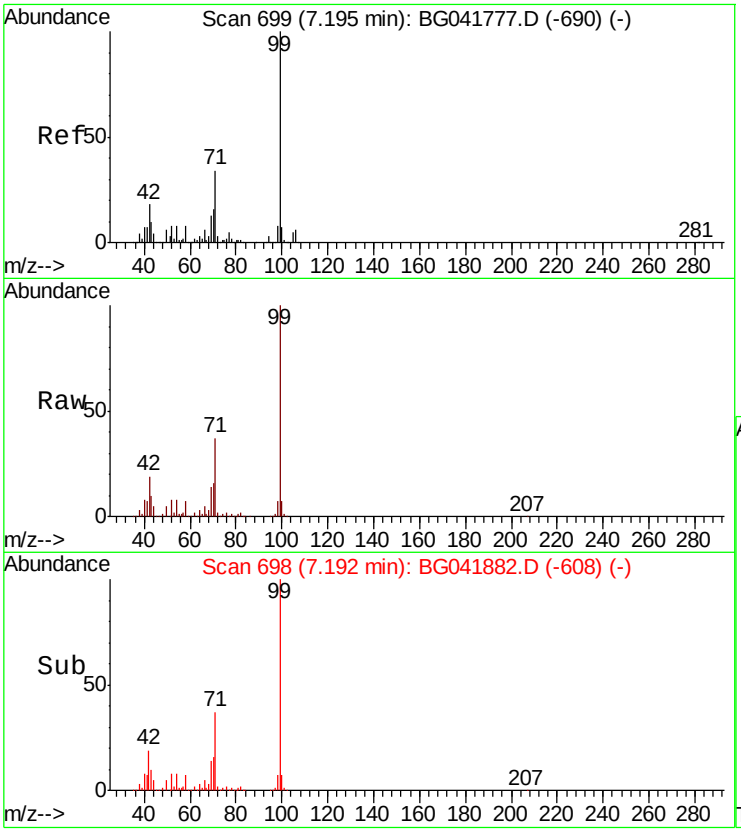


#5
2-Fluorophenol
Concen: 127.412 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Tgt Ion:112 Resp: 694136

Ion	Ratio	Lower	Upper
112	100		
64	62.5	55.4	83.2
63	33.7	29.1	43.7



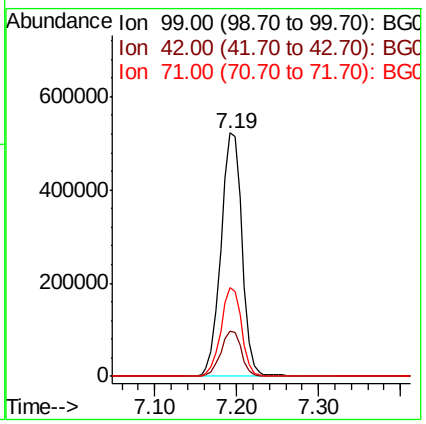


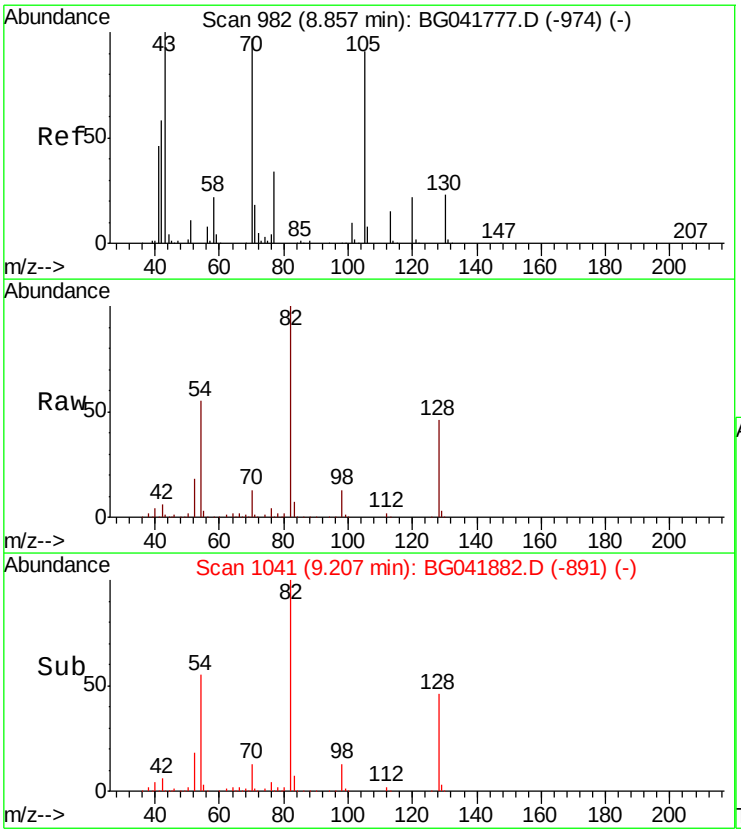
#7
Phenol-d6
Concen: 127.597 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 937167

Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.6	26.4
71	36.7	27.8	41.6

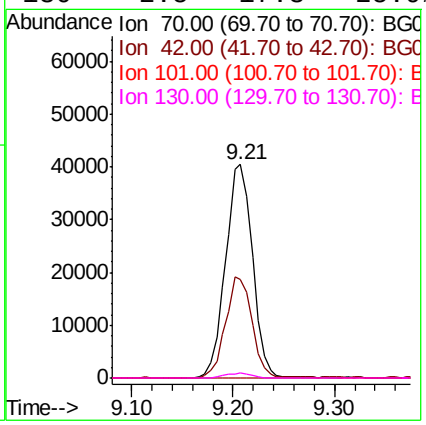


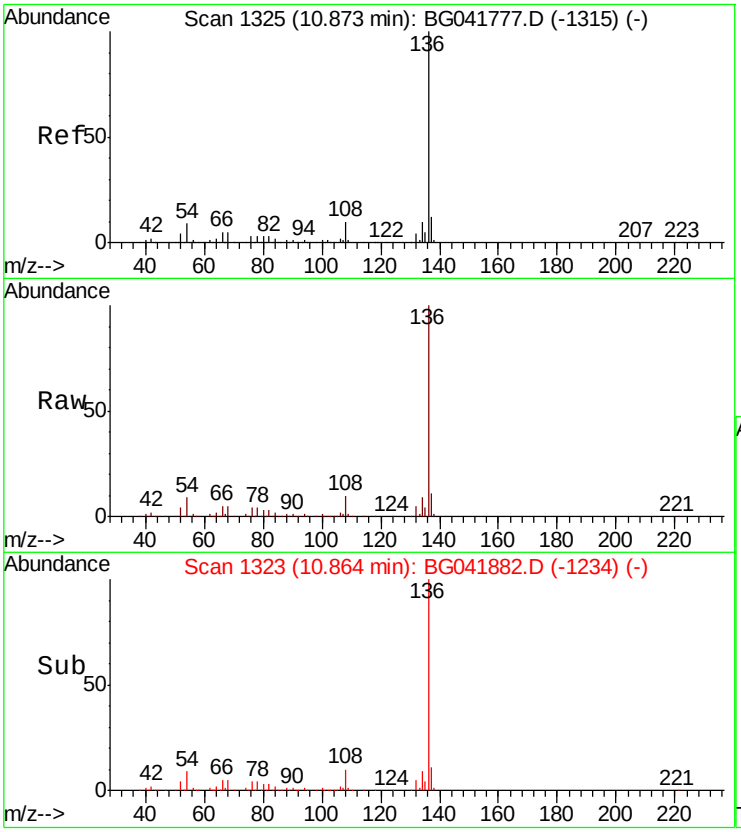


#19
n-Nitroso-di-n-propylamine
Concen: 14.043 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.35 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Tgt Ion: 70 Resp: 74880

Ion	Ratio	Lower	Upper
70	100		
42	46.2	55.8	83.6#
101	0.0	8.1	12.1#
130	2.5	17.3	25.9#



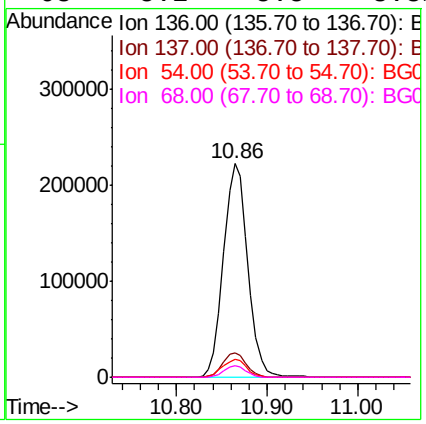


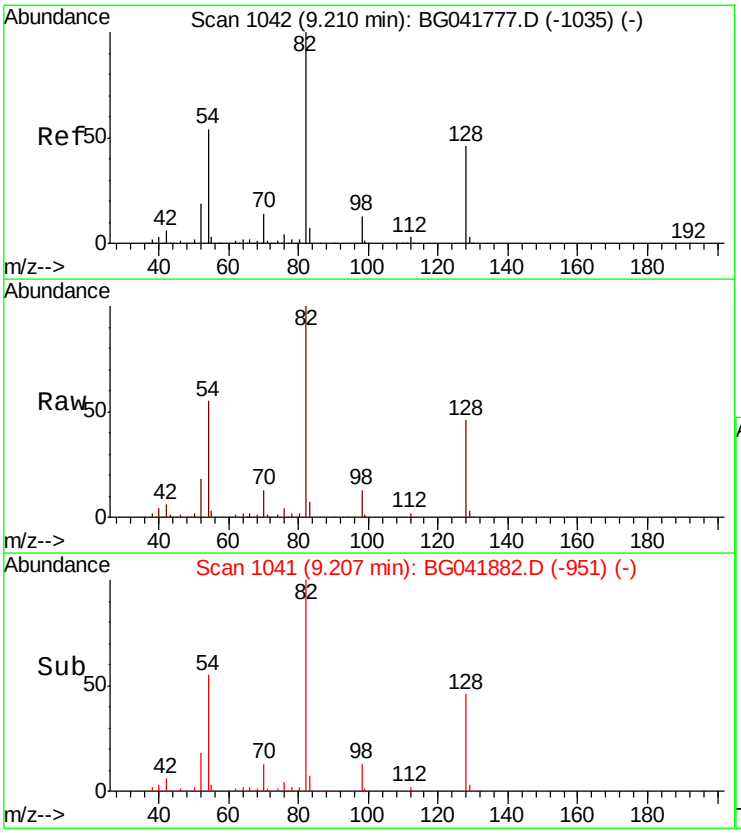
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 412849

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.6	8.7	13.1#
68	5.2	5.5	8.3#

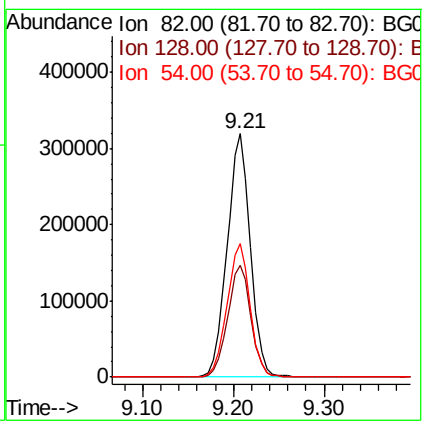


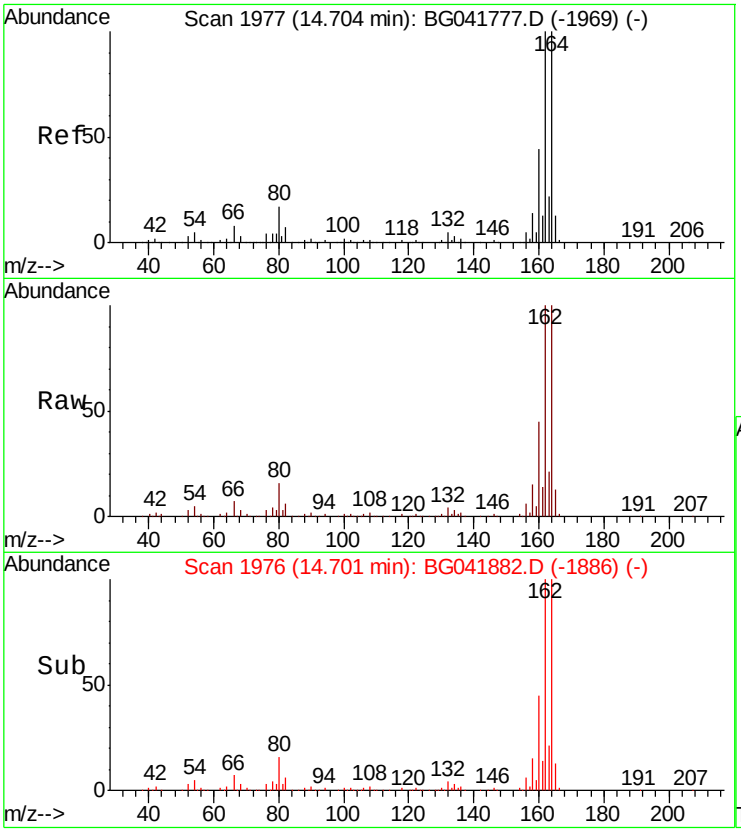


#23
Nitrobenzene-d5
Concen: 94.572 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Tgt Ion: 82 Resp: 567365

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.1	52.7
54	54.6	48.7	73.1



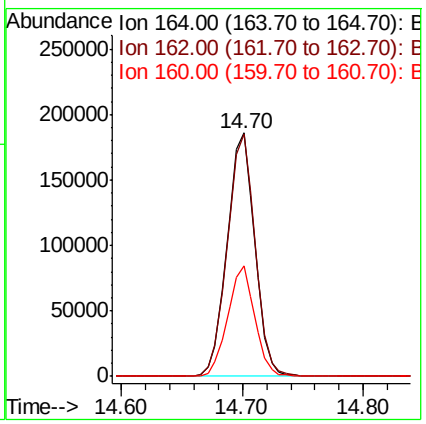


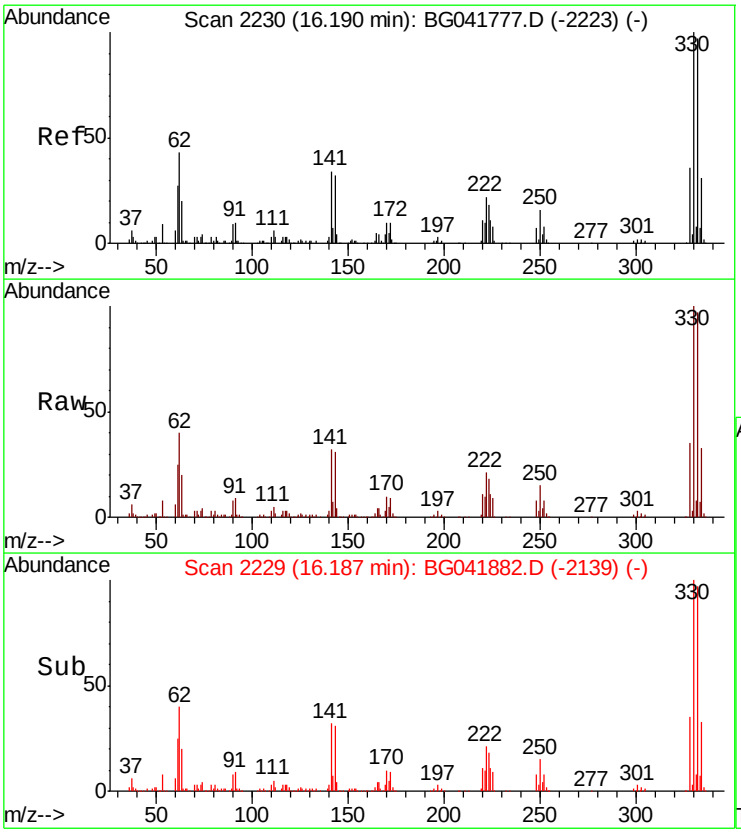
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 296989

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.6	119.4
160	45.2	35.4	53.0

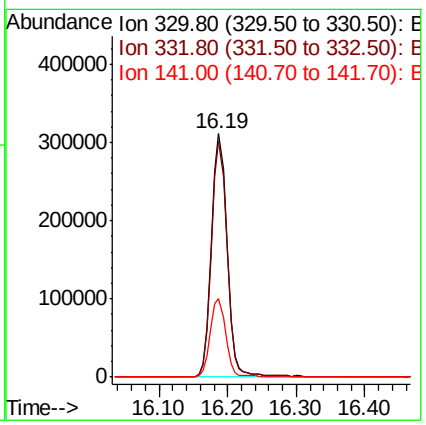


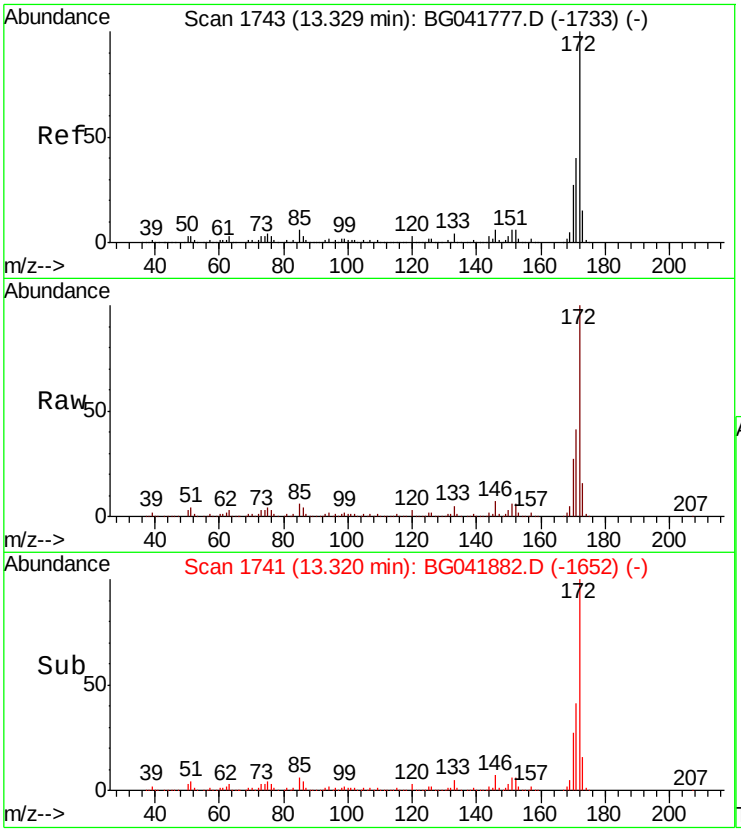


#42
2,4,6-Tribromophenol
Concen: 146.441 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Tgt Ion:330 Resp: 494003

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	32.0	31.9	47.9



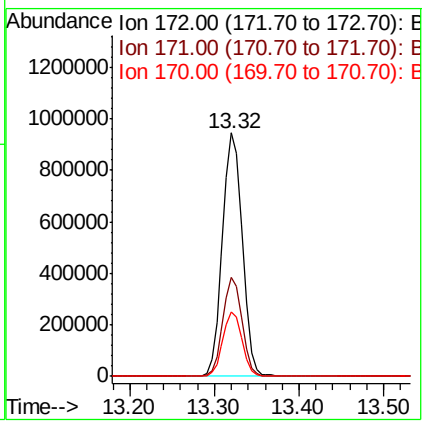


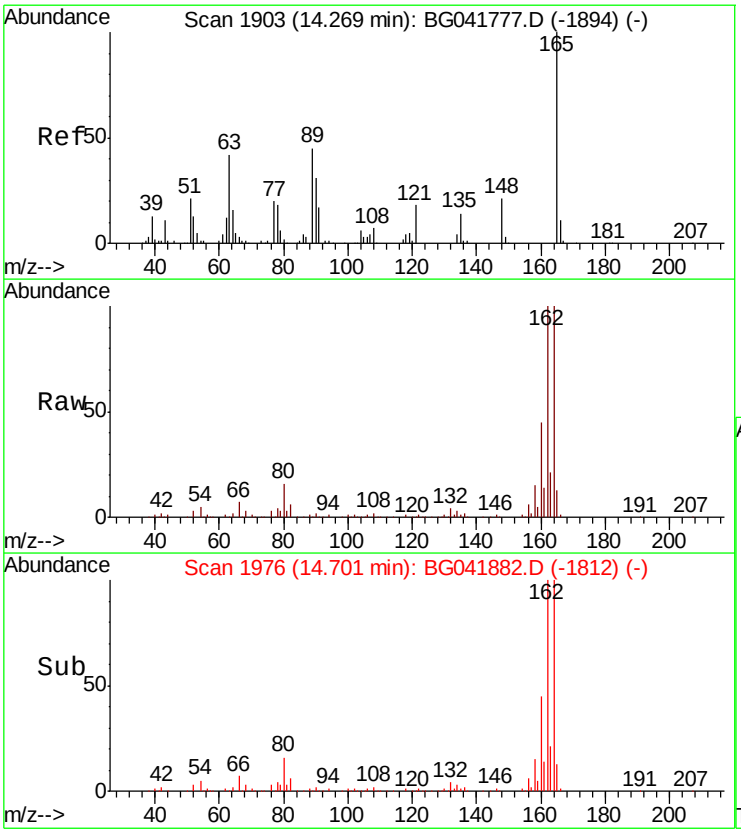
#45
2-Fluorobiphenyl
Concen: 91.471 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1540257

Ion	Ratio	Lower	Upper
172	100		
171	40.6	35.0	52.4
170	26.6	23.5	35.3

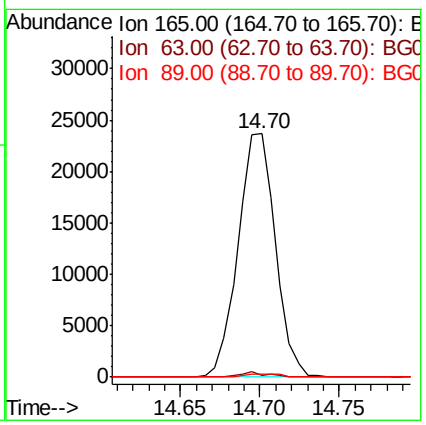


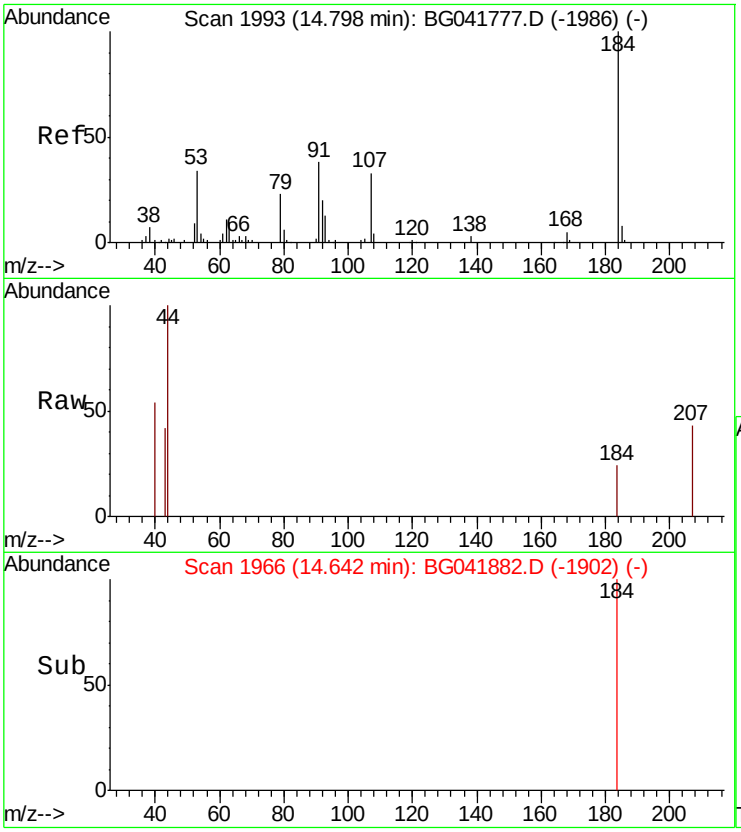


#51
2,6-Dinitrotoluene
Concen: 9.103 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.43 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Tgt Ion:165 Resp: 38608

Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.4	63.6#
89	1.3	42.1	63.1#



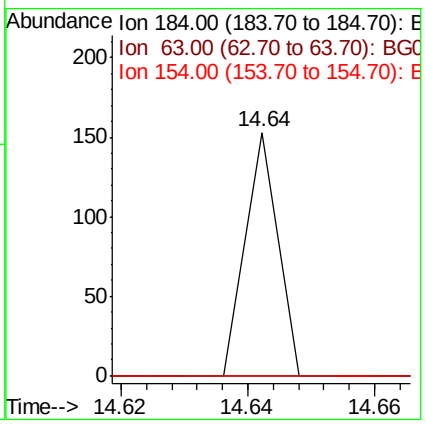


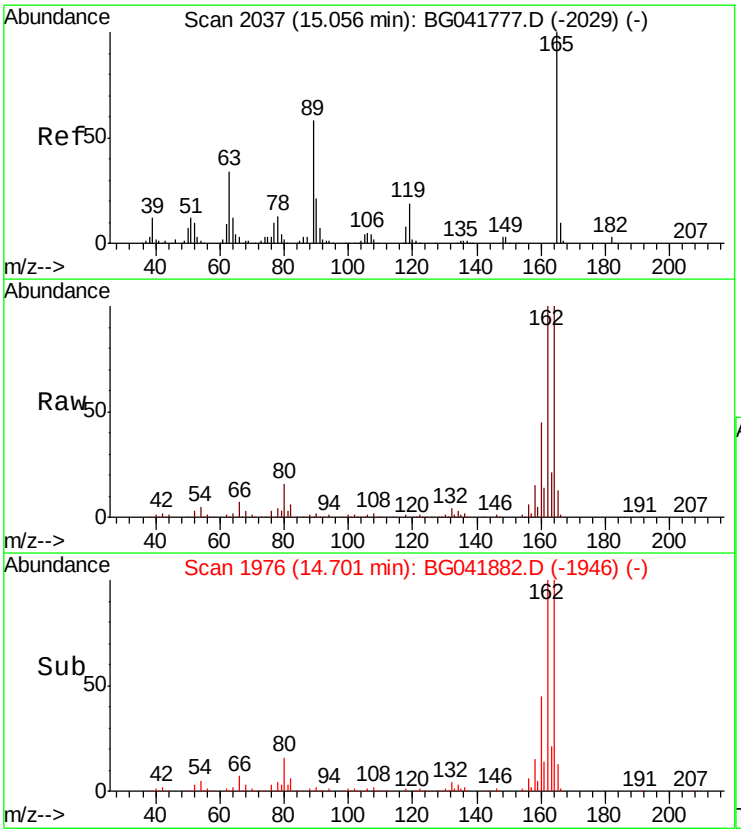
#54
2,4-Dinitrophenol
Concen: 3.279 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.15 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 54

Ion	Ratio	Lower	Upper
184	100		
63	0.0	43.2	64.8#
154	0.0	51.4	77.2#

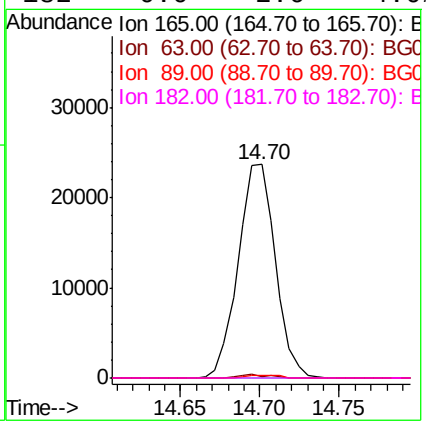


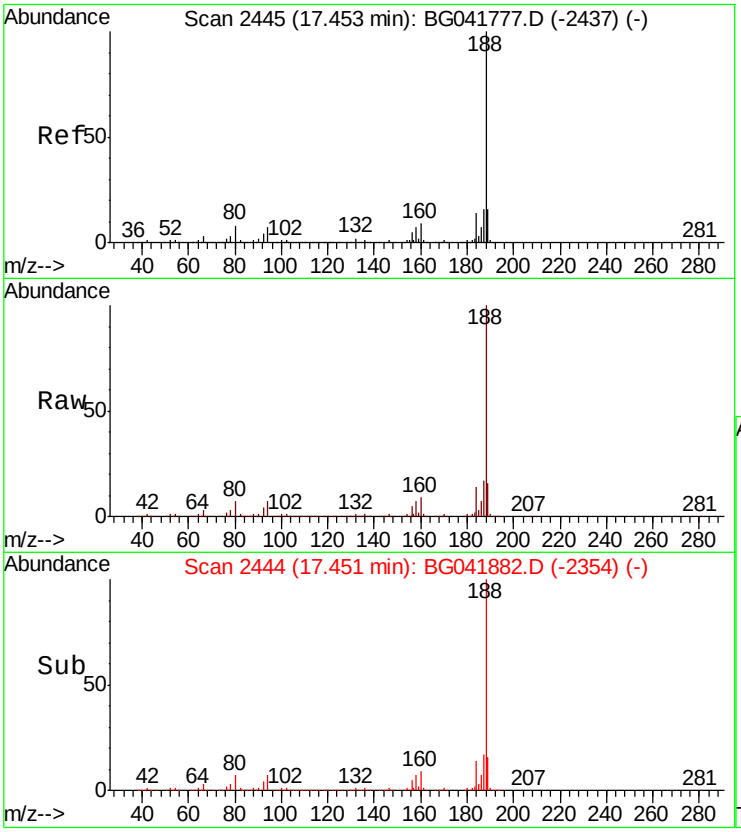


#57
2,4-Dinitrotoluene
Concen: 6.619 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.36 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Tgt Ion:165 Resp: 38608

Ion	Ratio	Lower	Upper
165	100		
63	0.9	31.7	47.5#
89	1.3	50.2	75.4#
182	0.0	2.6	4.0#



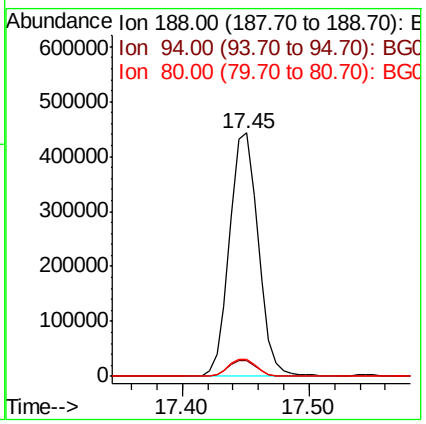


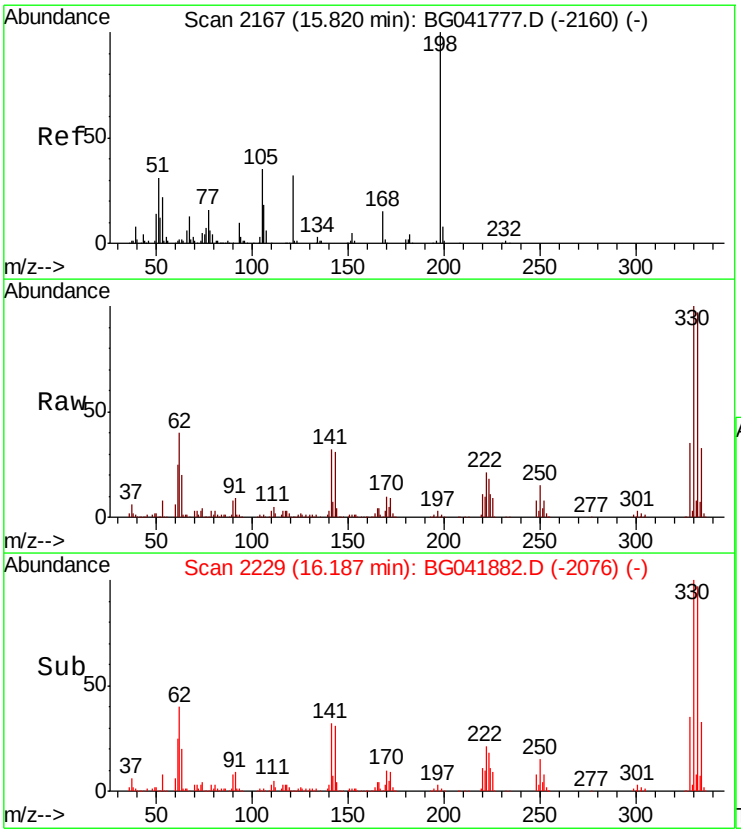
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 692568

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	7.3	8.0	12.0#

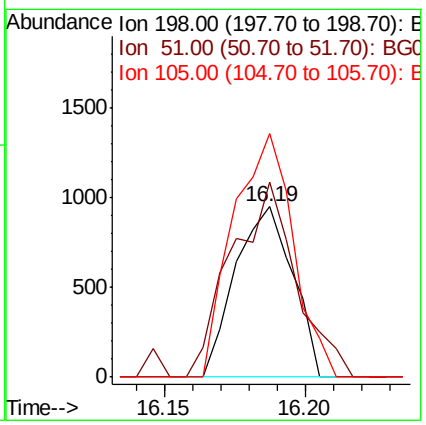


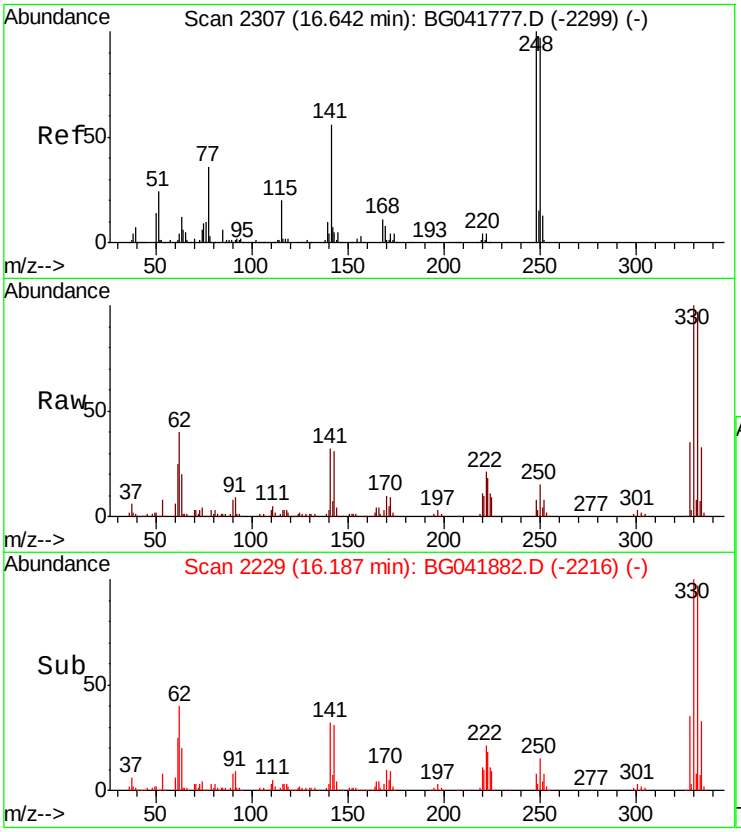


#65
4,6-Dinitro-2-methylphenol
Concen: 7.190 ng
RT: 16.19 min Scan# 2229
Delta R.T. 0.37 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Tgt Ion:198 Resp: 1335

Ion	Ratio	Lower	Upper
198	100		
51	114.6	22.3	62.3#
105	142.9	18.0	58.0#



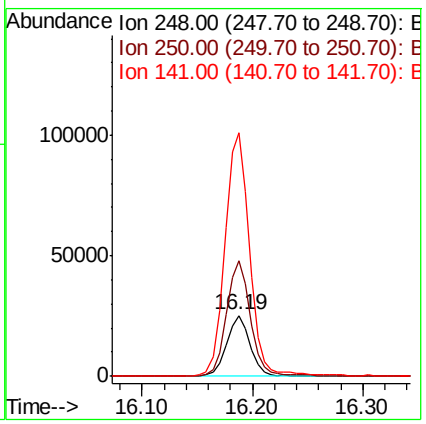


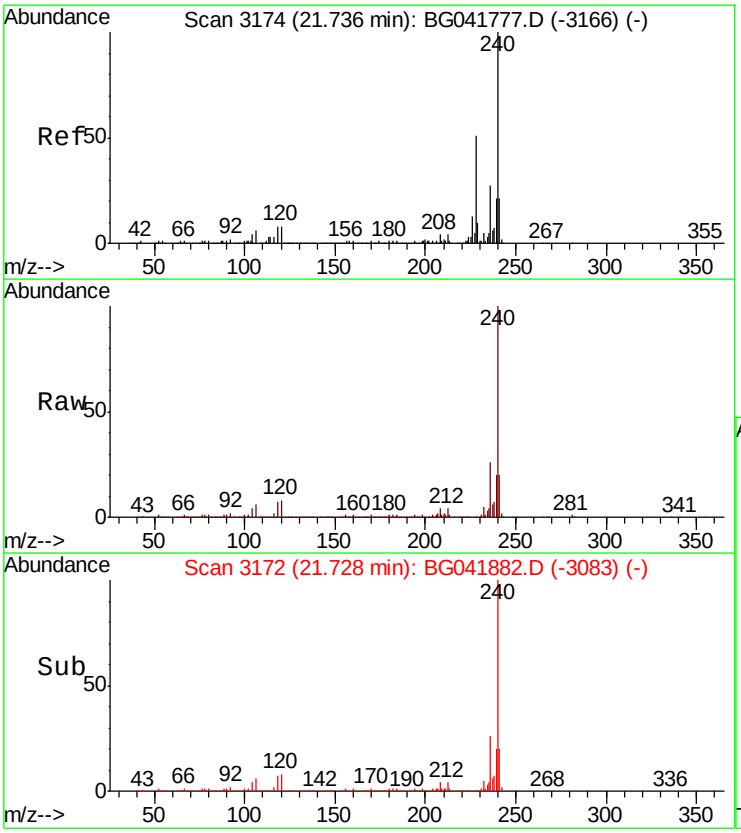
#67
4-Bromophenyl-phenylether
Concen: 4.432 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.46 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 37814

Ion	Ratio	Lower	Upper
248	100		
250	191.8	78.1	117.1#
141	402.1	49.6	74.4#

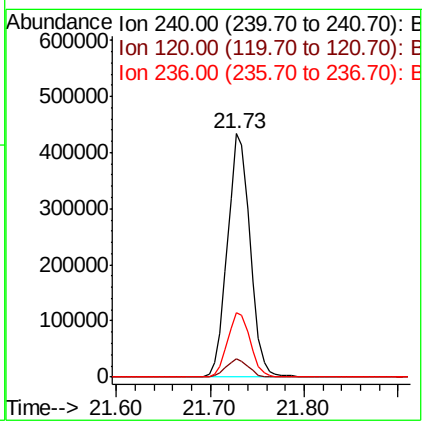


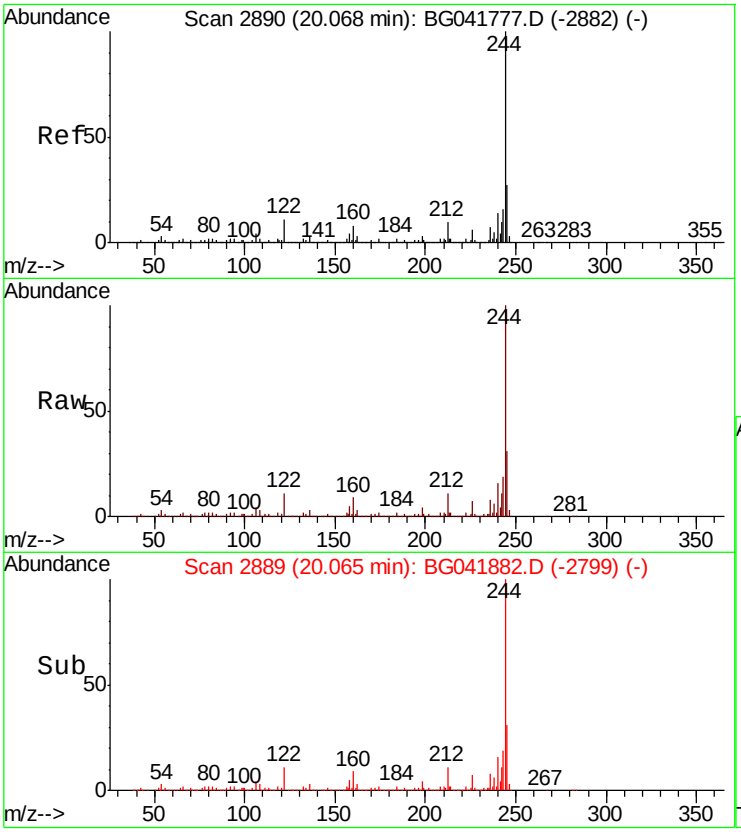


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Tgt Ion:240 Resp: 726010

Ion	Ratio	Lower	Upper
240	100		
120	7.5	8.0	12.0#
236	26.2	22.6	33.8



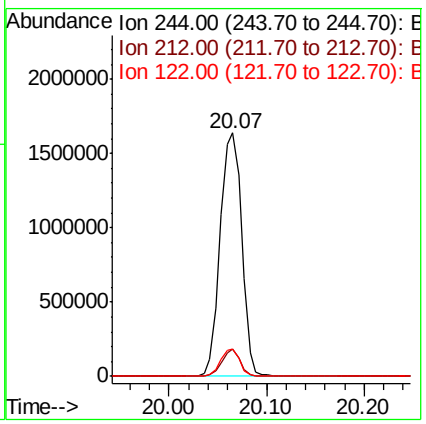


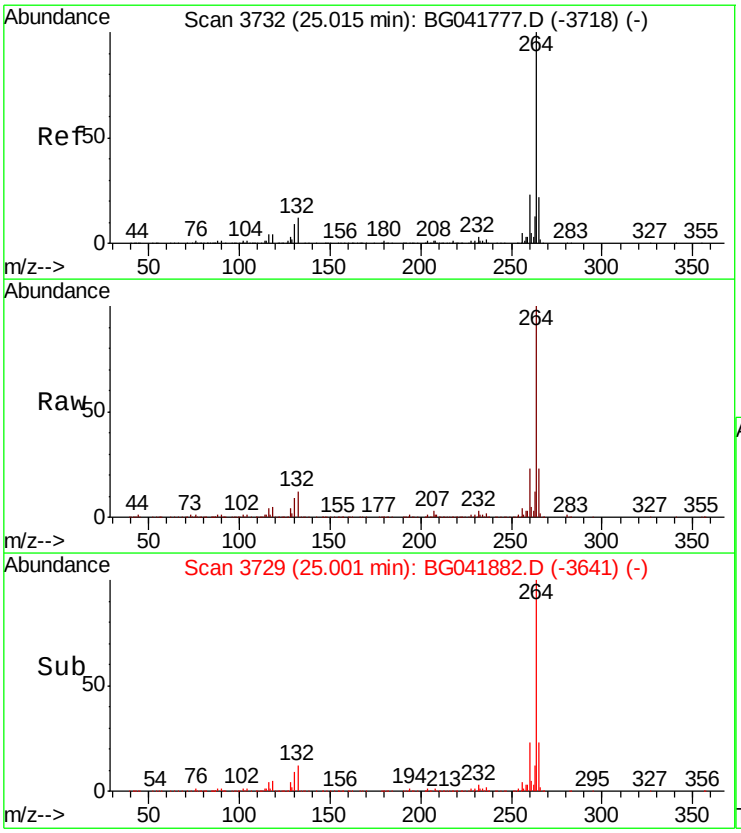
#79
Terphenyl-d14
Concen: 79.130 ng
RT: 20.07 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2510596

Ion	Ratio	Lower	Upper
244	100		
212	11.1	9.7	14.5
122	11.4	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.01 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Tgt Ion:264 Resp: 824528

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.8	18.0	27.0