Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073119\
Data File : BG041850.D
Acq On : 1 Aug 2019 1:52
Operator : HP/JU
Sample : K4044-16RX
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Time: Aug 01 04:02:51 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	26261	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	121730	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	109308	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	443859	20.00	ng	0.00
76) Chrysene-d12	21.73	240	734581	20.00	ng	0.00
87) Perylene-d12	25.00	264	764735	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	217346	161.03	ng	0.00
7) Phenol-d6	7.18	99	293129	161.09	ng	-0.01
23) Nitrobenzene-d5	9.20	82	193797	109.56	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	301118	242.53	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	579760	93.55	ng	-0.01
79) Terphenyl-d14	20.06	244	2721893	84.79	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	25403	19.229	ng	# 71
51) 2,6-Dinitrotoluene	14.70	165	13834	8.862	ng	# 28
57) 2,4-Dinitrotoluene	14.70	165	13834	6.444	ng	# 30
65) 4,6-Dinitro-2-methylphenol	16.18	198	763	7.153	ng	# 1
67) 4-Bromophenyl-phenylether	16.18	248	23131	4.231	ng	# 1
77) Benzidine	20.06	184	51383	2.143	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073119\
Data File : BG041850.D
Acq On : 1 Aug 2019 1:52
Operator : HP/JU
Sample : K4044-16RX
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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TP-4

Quant Time: Aug 01 04:02:51 2019
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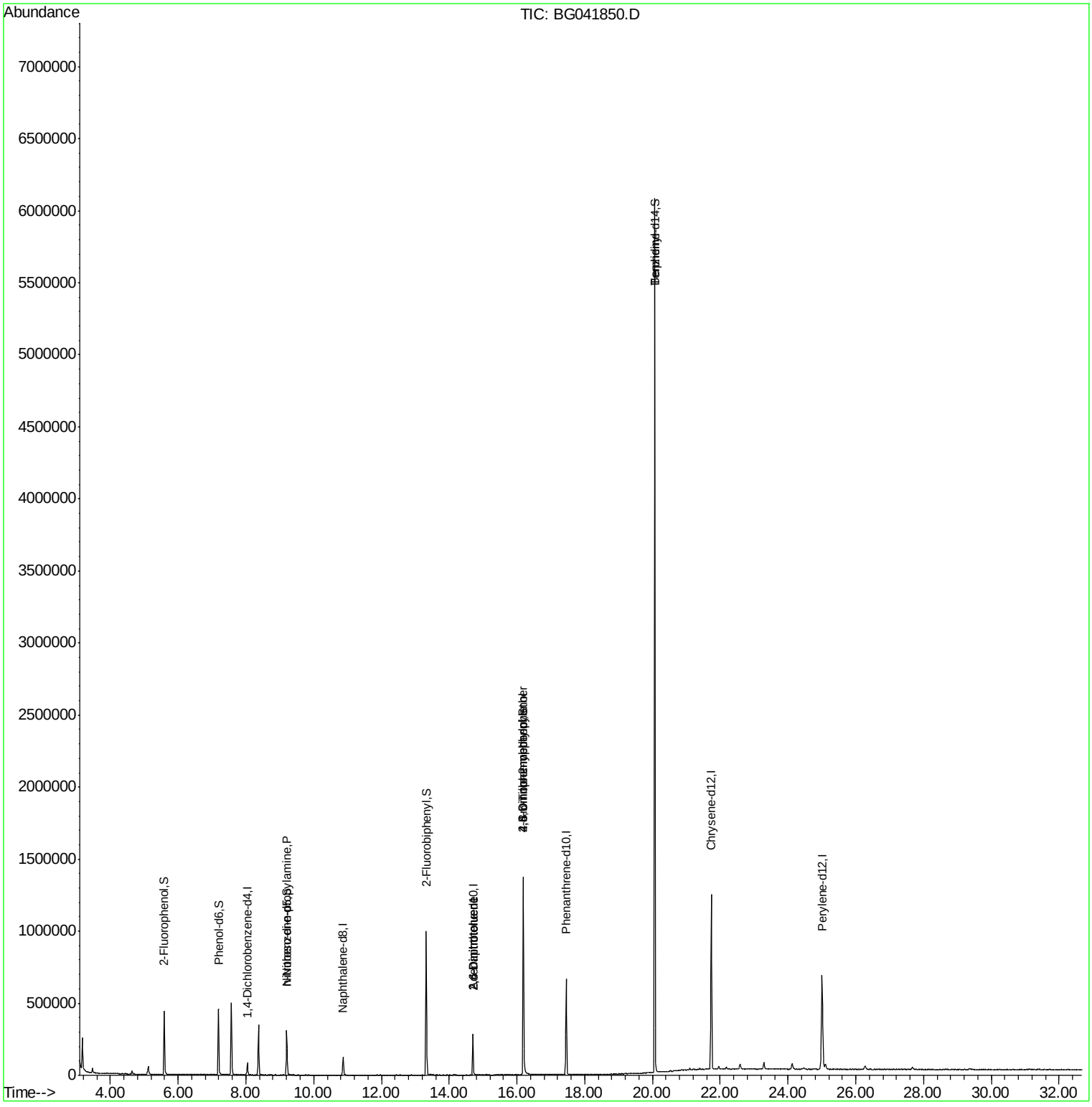
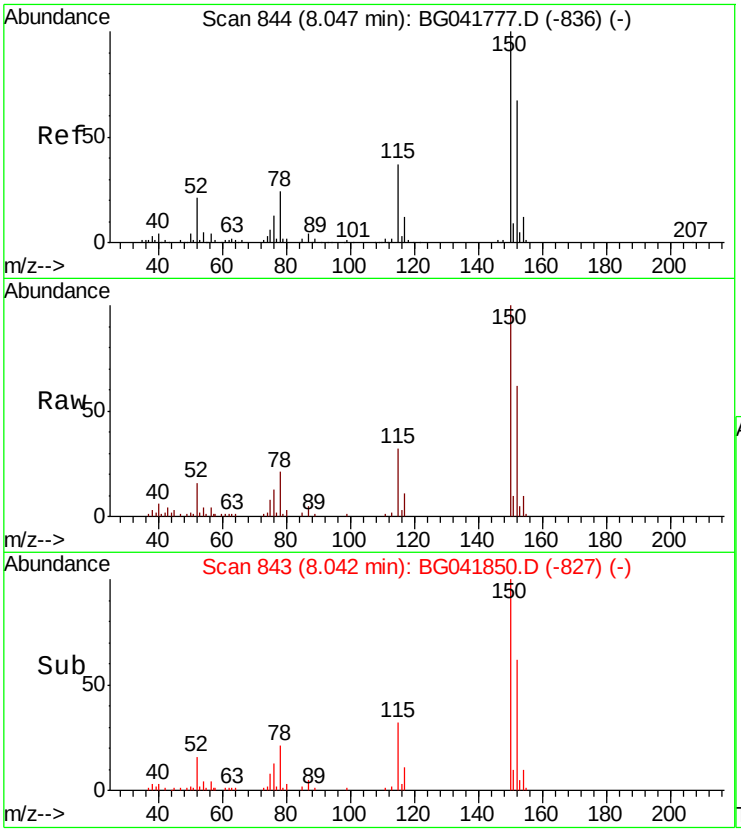
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration



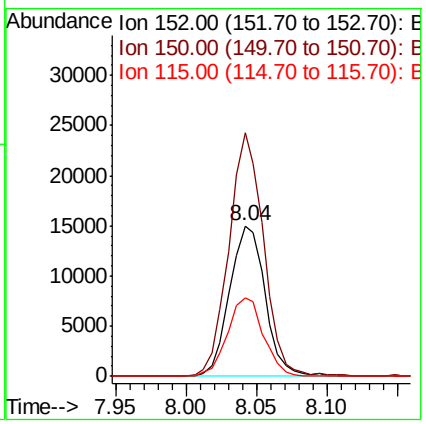


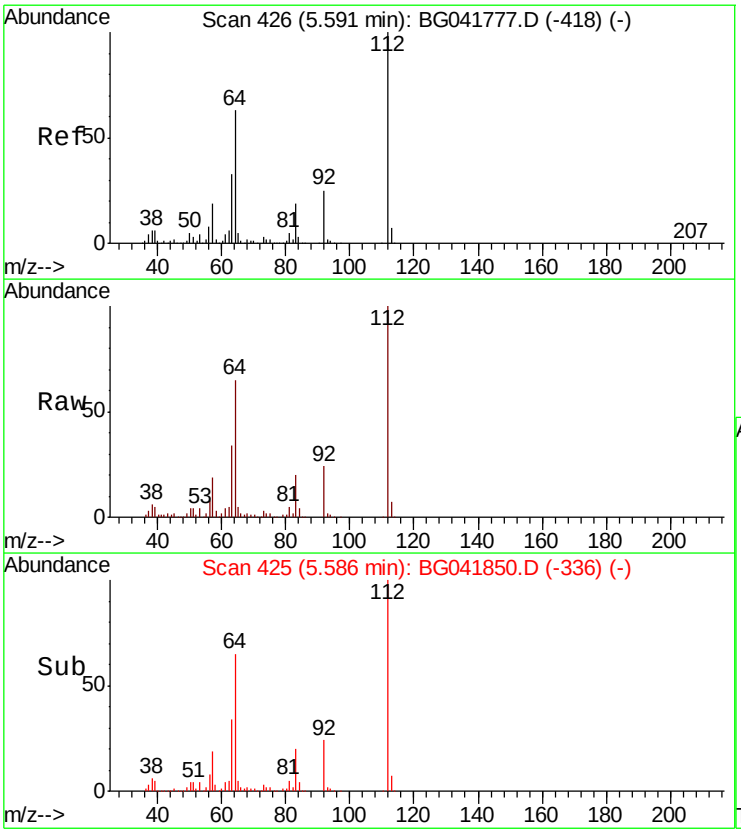
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 26261

Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.9	190.3
115	52.6	45.0	67.6

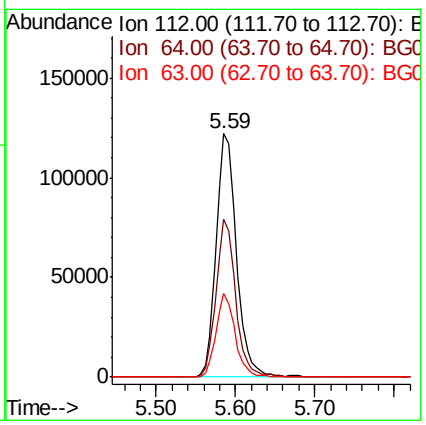


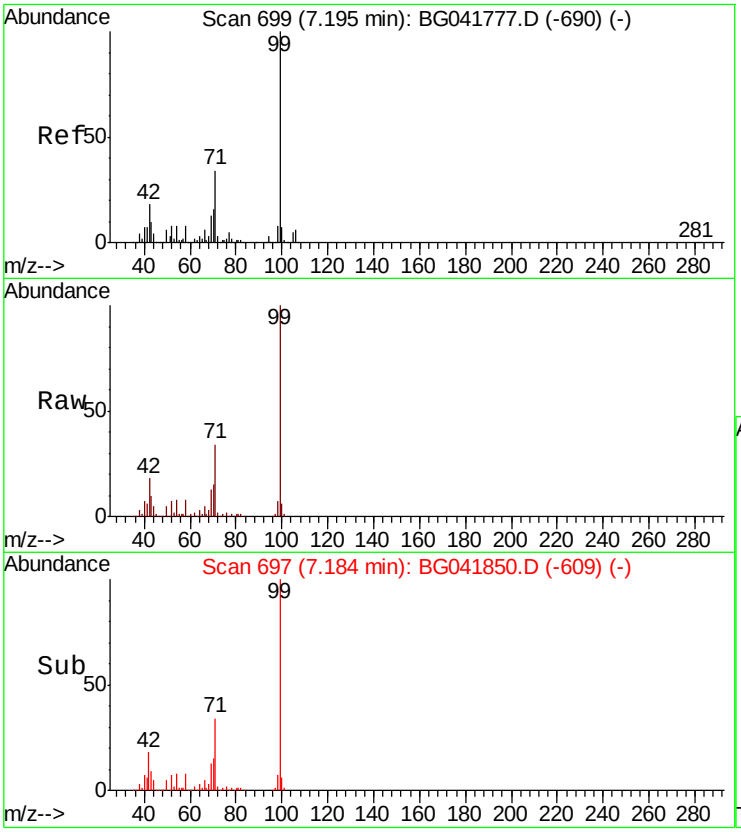


#5
2-Fluorophenol
Concen: 161.027 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Tgt Ion:112 Resp: 217346

Ion	Ratio	Lower	Upper
112	100		
64	64.8	55.4	83.2
63	34.3	29.1	43.7



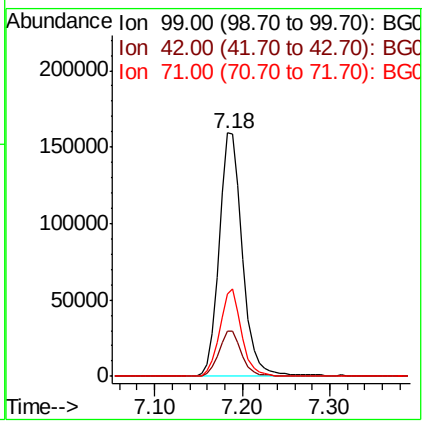


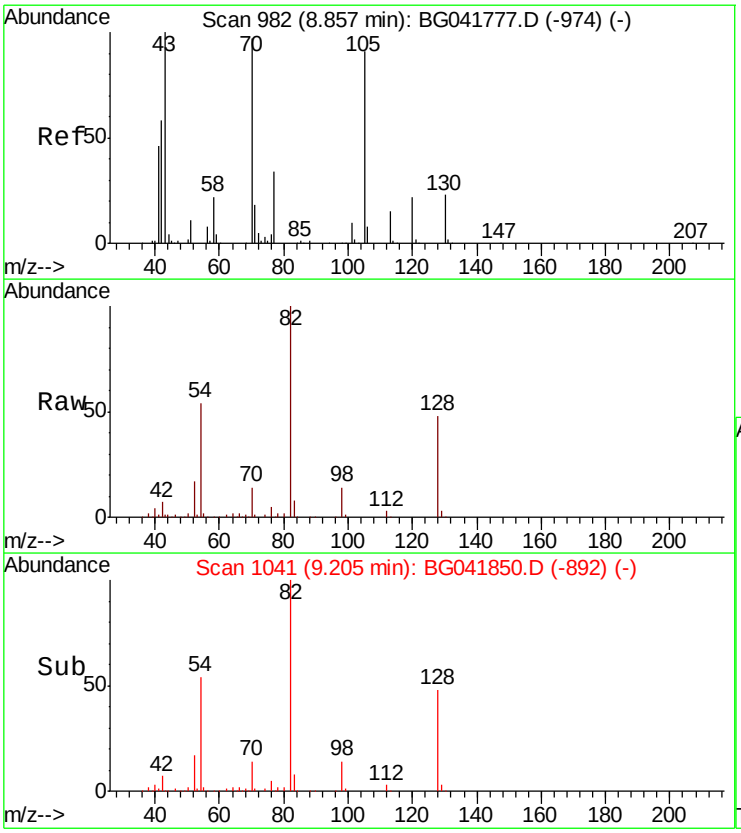
#7
Phenol-d6
Concen: 161.088 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion: 99 Resp: 293129

Ion	Ratio	Lower	Upper
99	100		
42	18.3	17.6	26.4
71	33.6	27.8	41.6

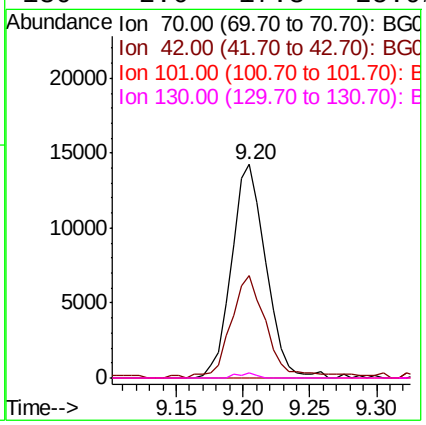


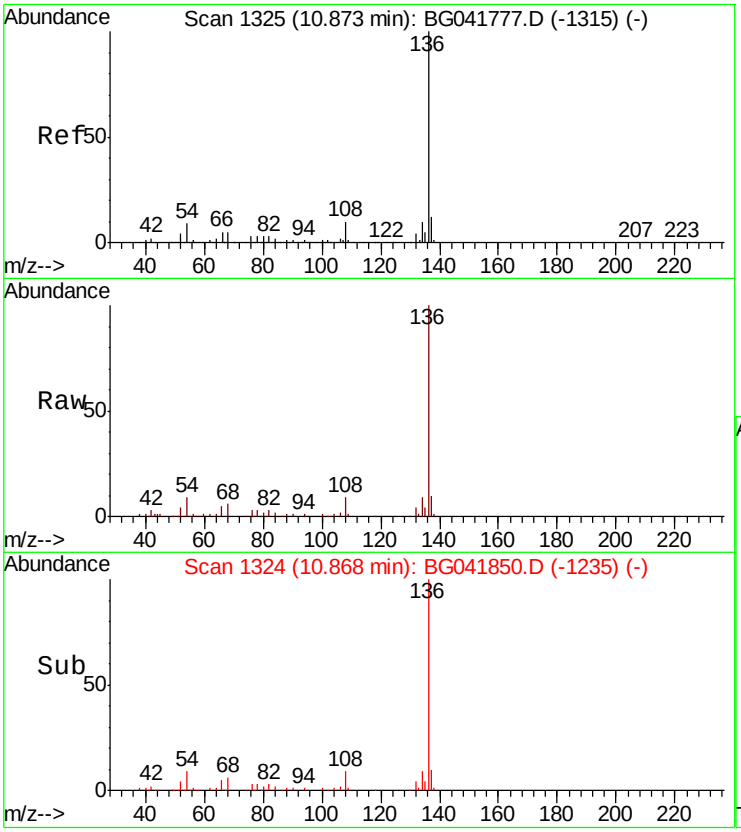


#19
n-Nitroso-di-n-propylamine
Concen: 19.229 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.35 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Tgt Ion: 70 Resp: 25403

Ion	Ratio	Lower	Upper
70	100		
42	48.1	55.8	83.6#
101	0.0	8.1	12.1#
130	2.6	17.3	25.9#



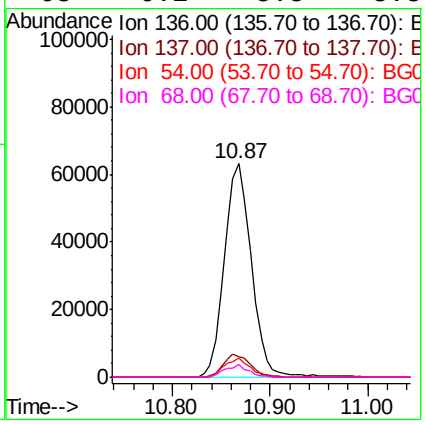


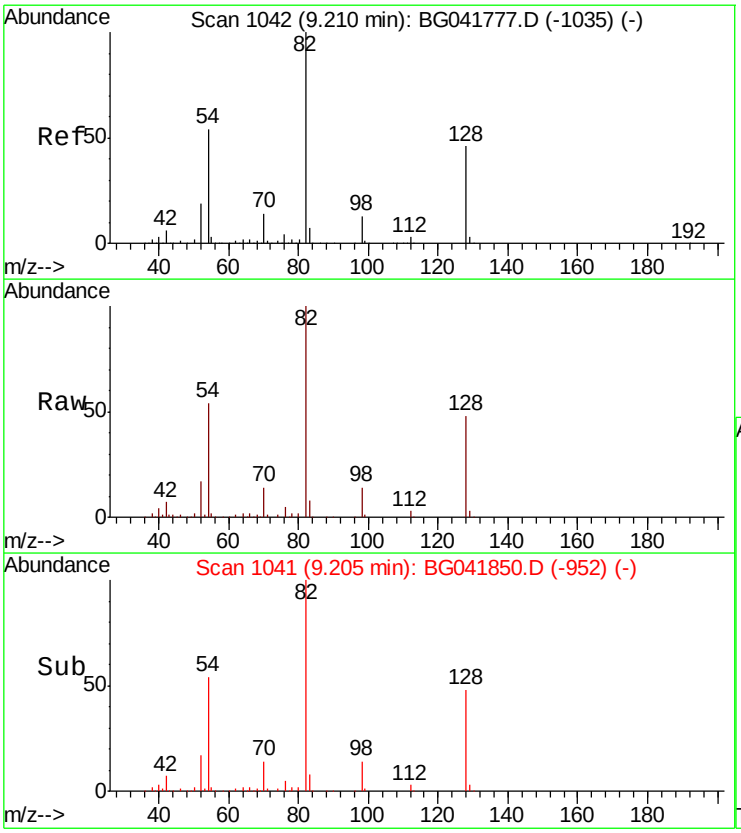
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:136 Resp: 121730

Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.2	13.8
54	9.1	8.7	13.1
68	6.2	5.5	8.3

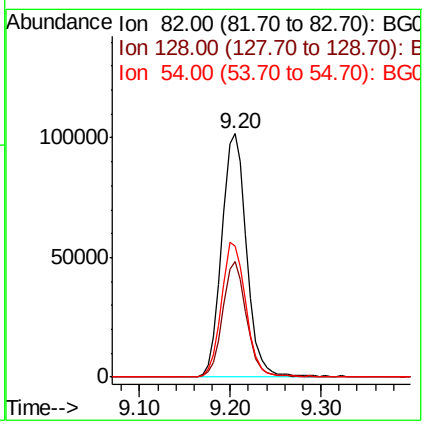


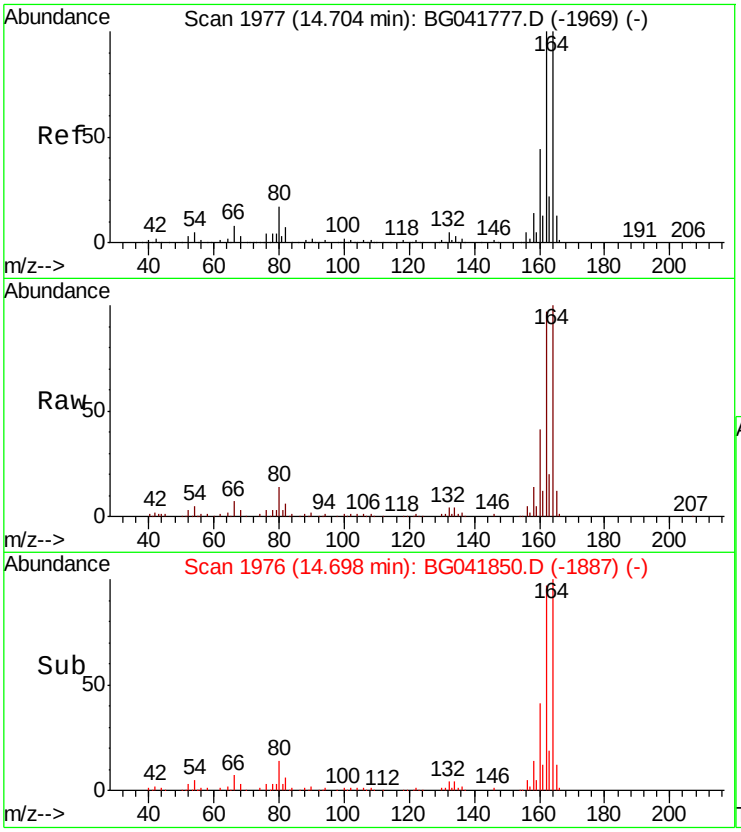


#23
Nitrobenzene-d5
Concen: 109.557 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Tgt Ion: 82 Resp: 193797

Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.1	52.7
54	53.8	48.7	73.1



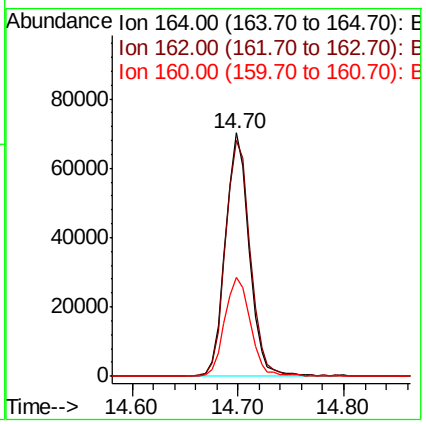


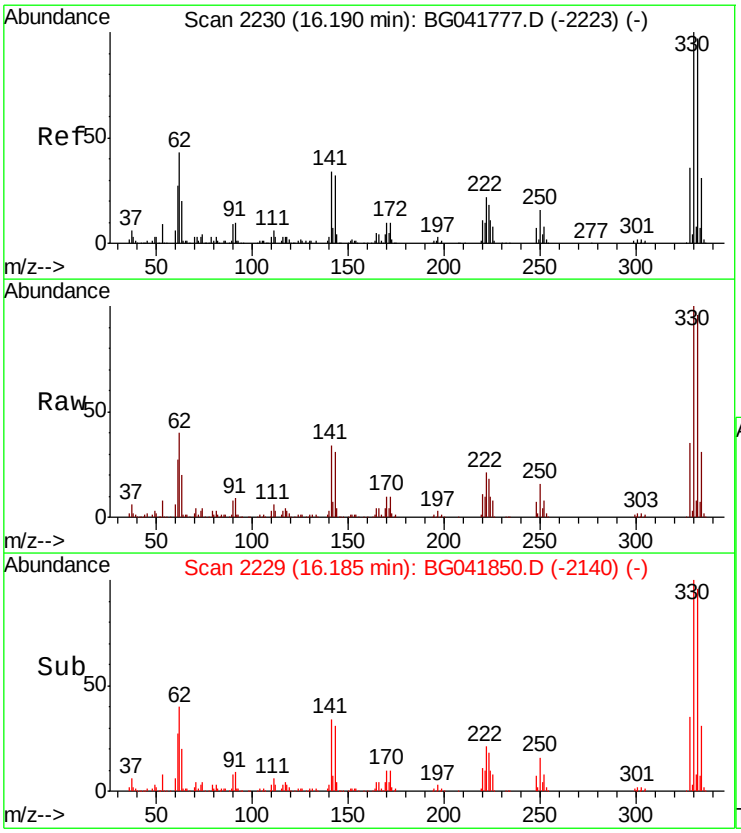
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:164 Resp: 109308

Ion	Ratio	Lower	Upper
164	100		
162	97.1	79.6	119.4
160	40.6	35.4	53.0

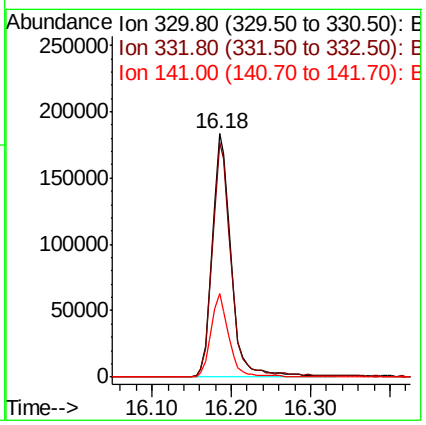


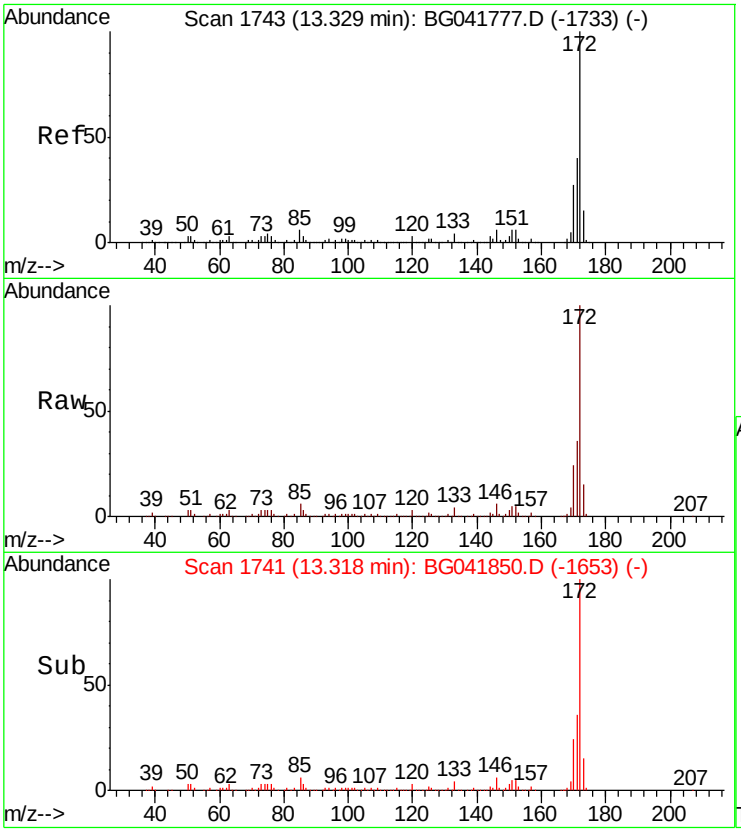


#42
2,4,6-Tribromophenol
Concen: 242.526 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Tgt Ion:330 Resp: 301118

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	32.8	31.9	47.9



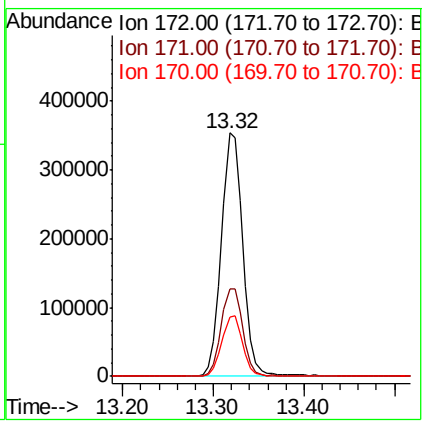


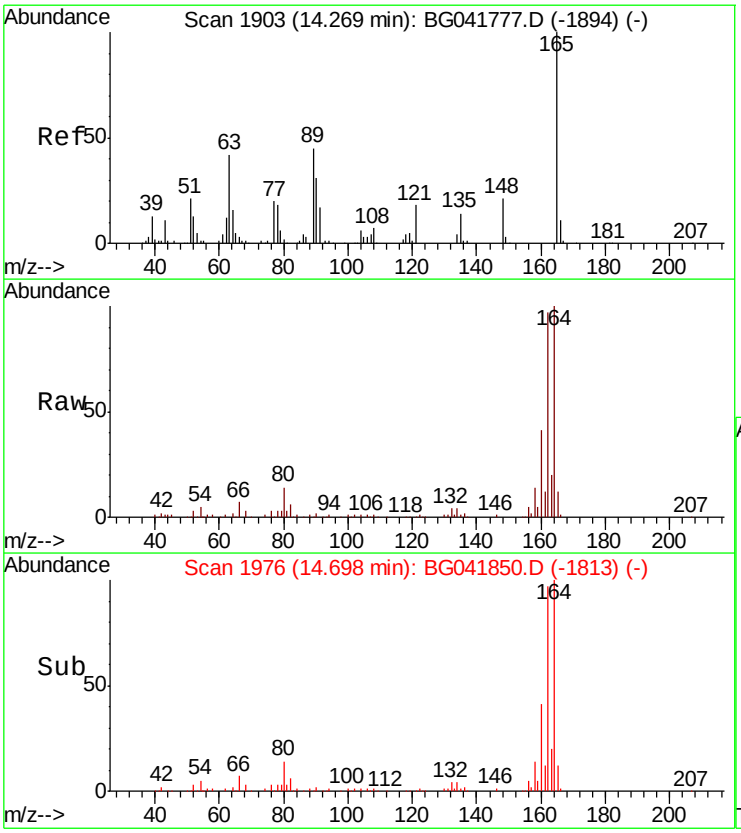
#45
2-Fluorobiphenyl
Concen: 93.546 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:172 Resp: 579760

Ion	Ratio	Lower	Upper
172	100		
171	36.1	35.0	52.4
170	24.5	23.5	35.3

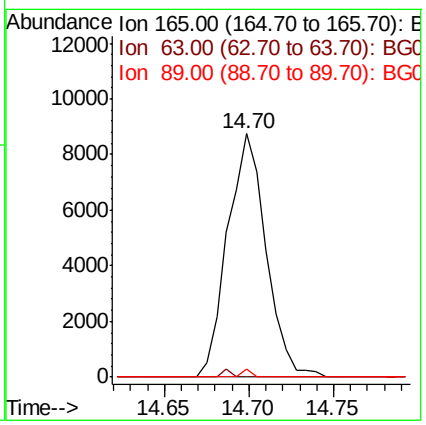


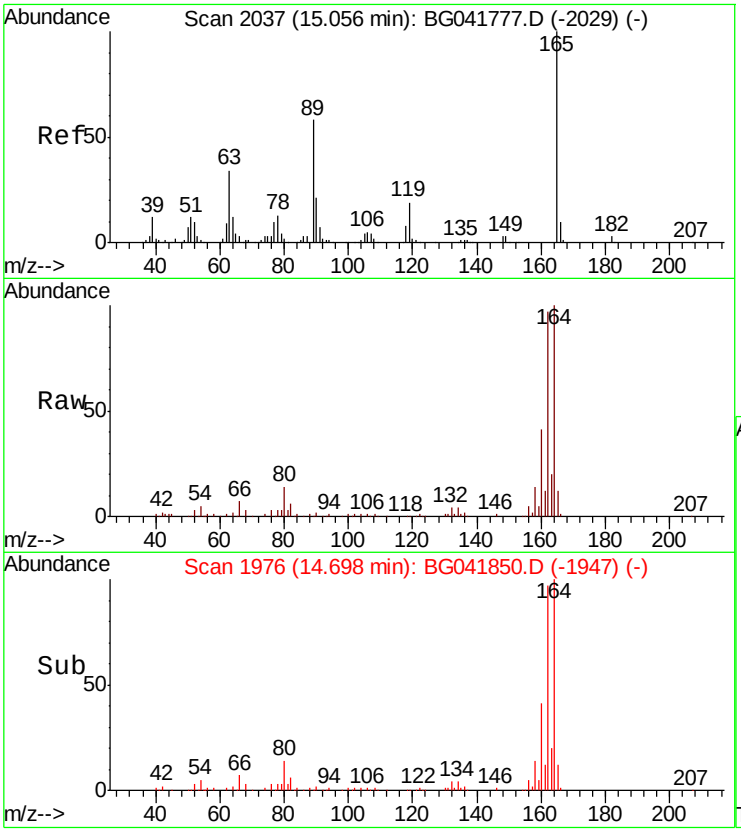


#51
2,6-Dinitrotoluene
Concen: 8.862 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.43 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Tgt Ion:165 Resp: 13834

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.4	63.6#
89	3.4	42.1	63.1#



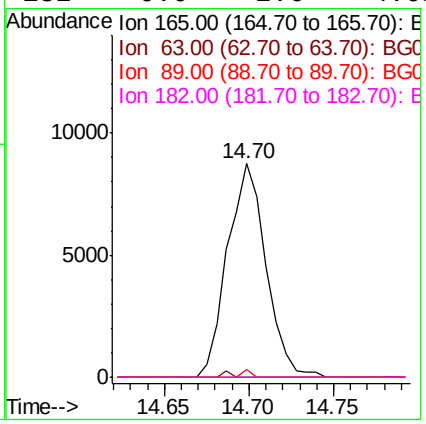


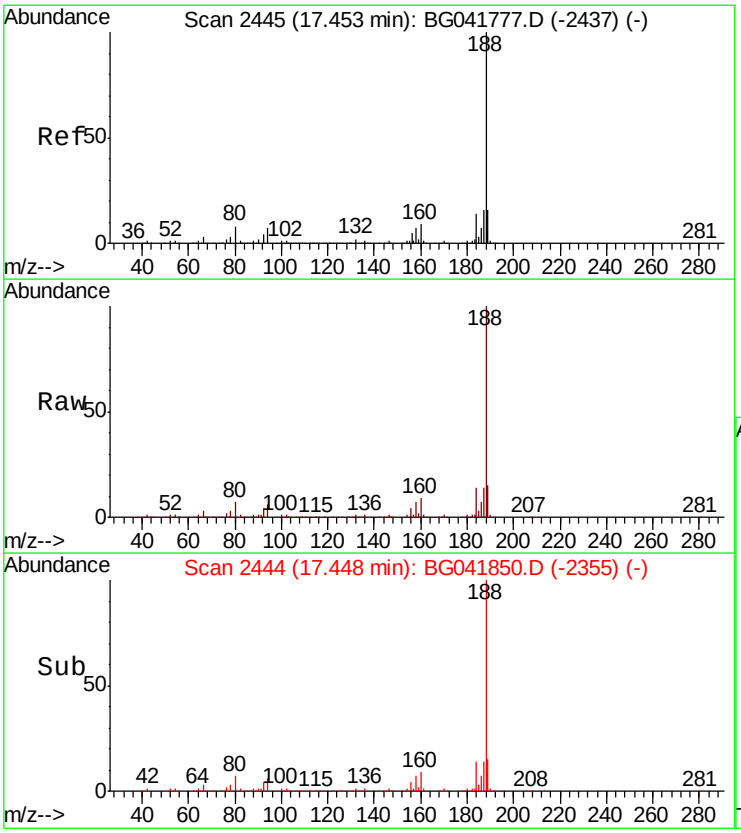
#57
2,4-Dinitrotoluene
Concen: 6.444 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.36 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:165 Resp: 13834

Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.7	47.5#
89	3.4	50.2	75.4#
182	0.0	2.6	4.0#

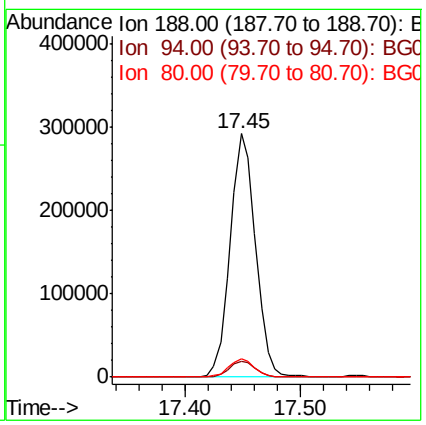


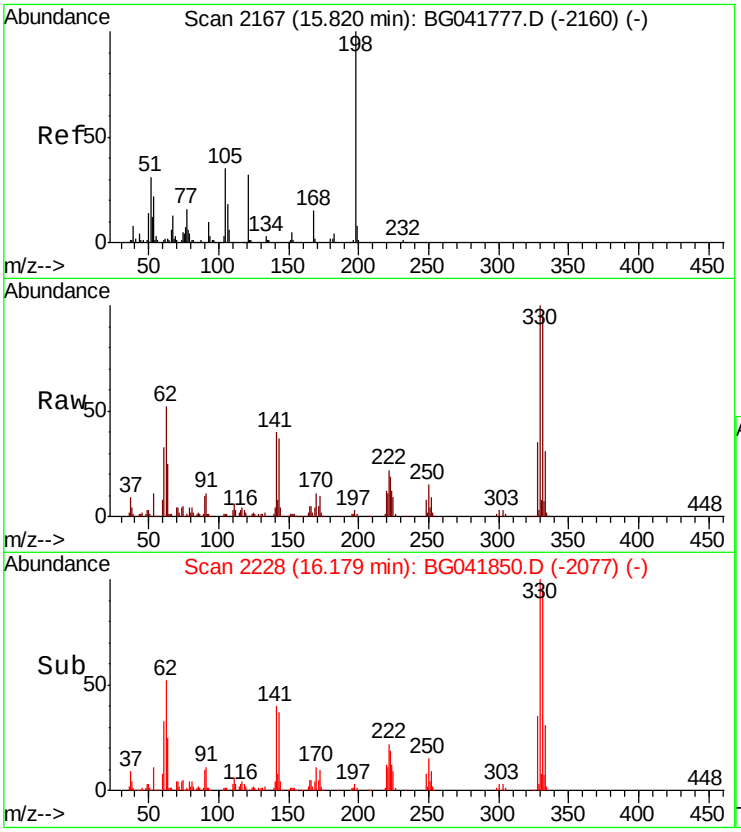


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Tgt Ion:188 Resp: 443859

Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.4	8.0	12.0#



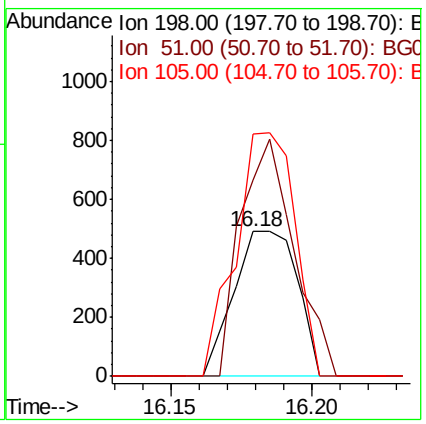


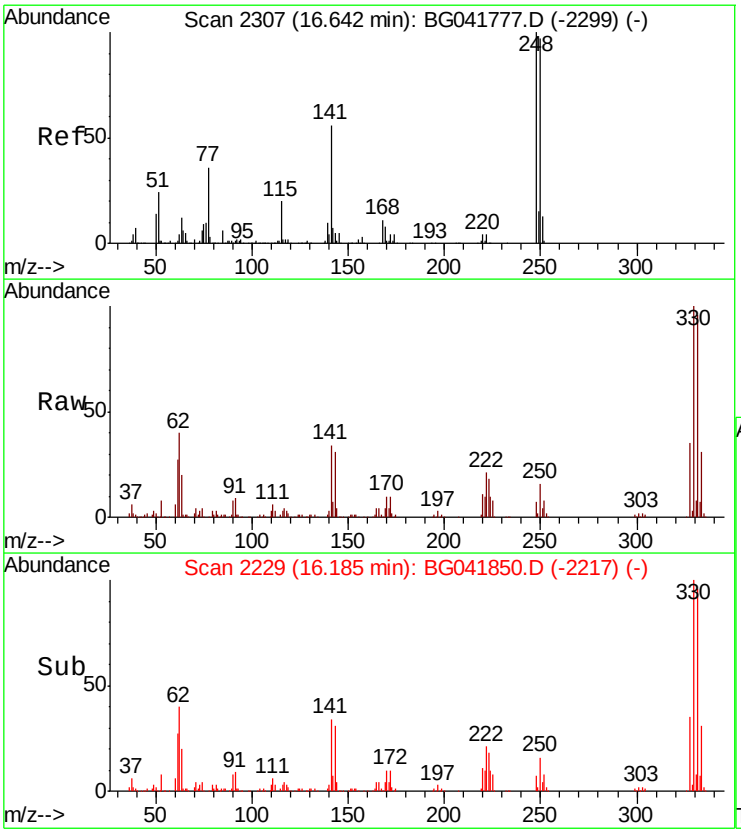
#65
4,6-Dinitro-2-methylphenol
Concen: 7.153 ng
RT: 16.18 min Scan# 2228
Delta R.T. 0.36 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:198 Resp: 763

Ion	Ratio	Lower	Upper
198	100		
51	135.2	22.3	62.3#
105	167.0	18.0	58.0#

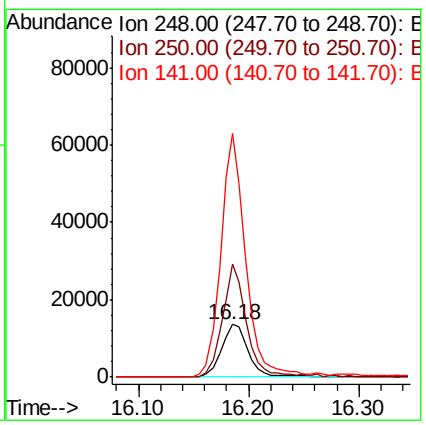


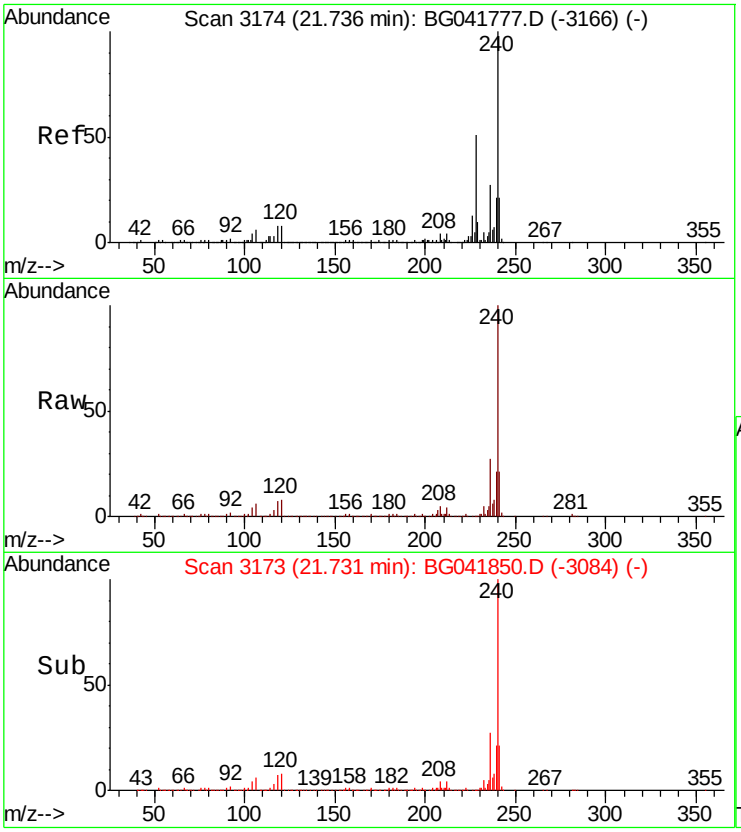


#67
4-Bromophenyl-phenylether
Concen: 4.231 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.46 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Tgt Ion:248 Resp: 23131

Ion	Ratio	Lower	Upper
248	100		
250	166.2	78.1	117.1#
141	359.5	49.6	74.4#



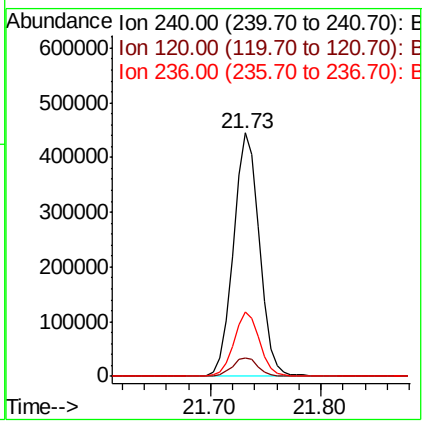


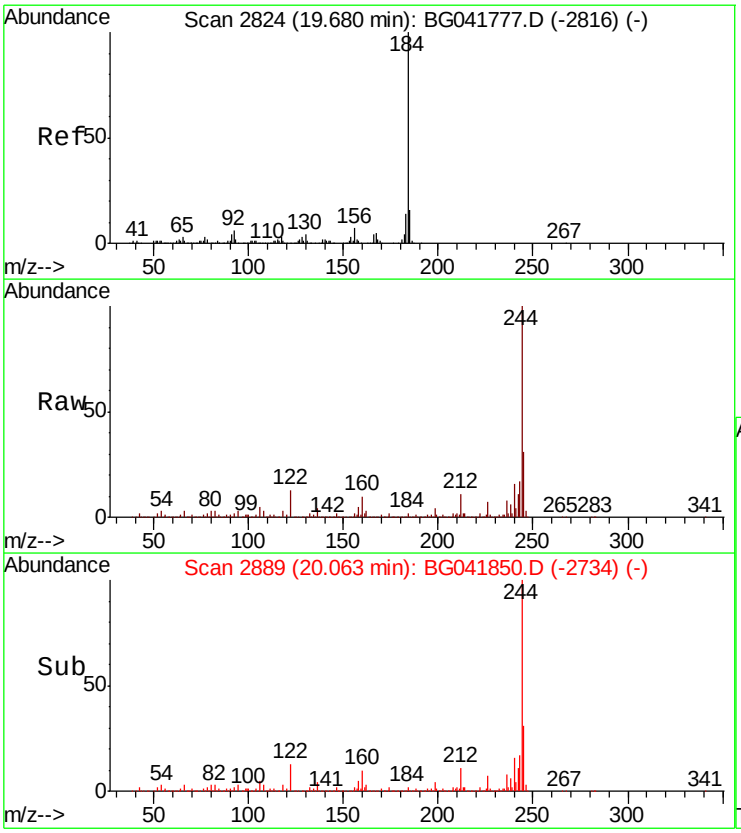
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:240 Resp: 734581

Ion	Ratio	Lower	Upper
240	100		
120	7.6	8.0	12.0#
236	26.6	22.6	33.8

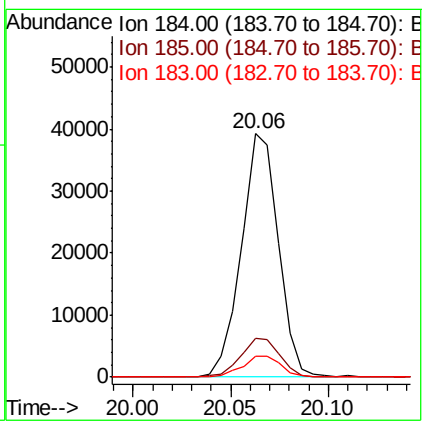


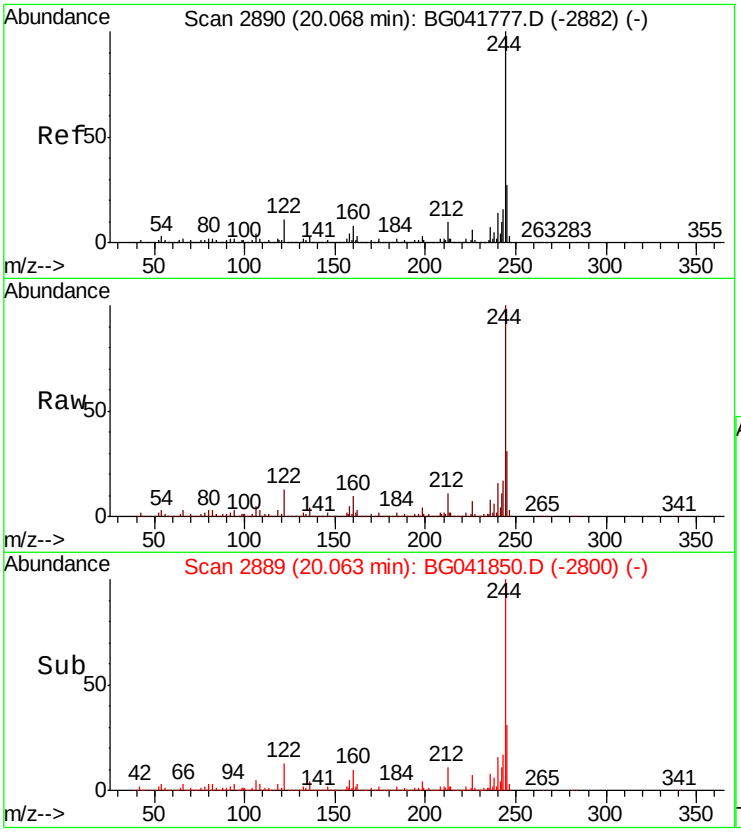


#77
Benzidine
Concen: 2.143 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.38 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Tgt Ion:184 Resp: 51383

Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.0	19.4
183	8.6	11.8	17.6#



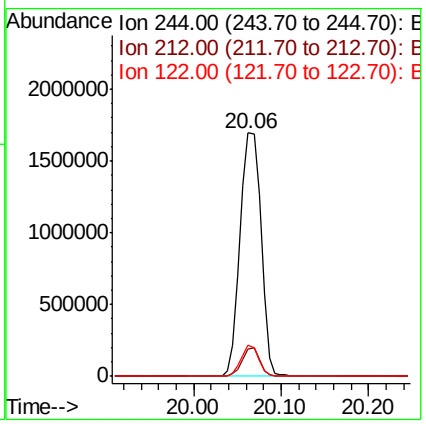


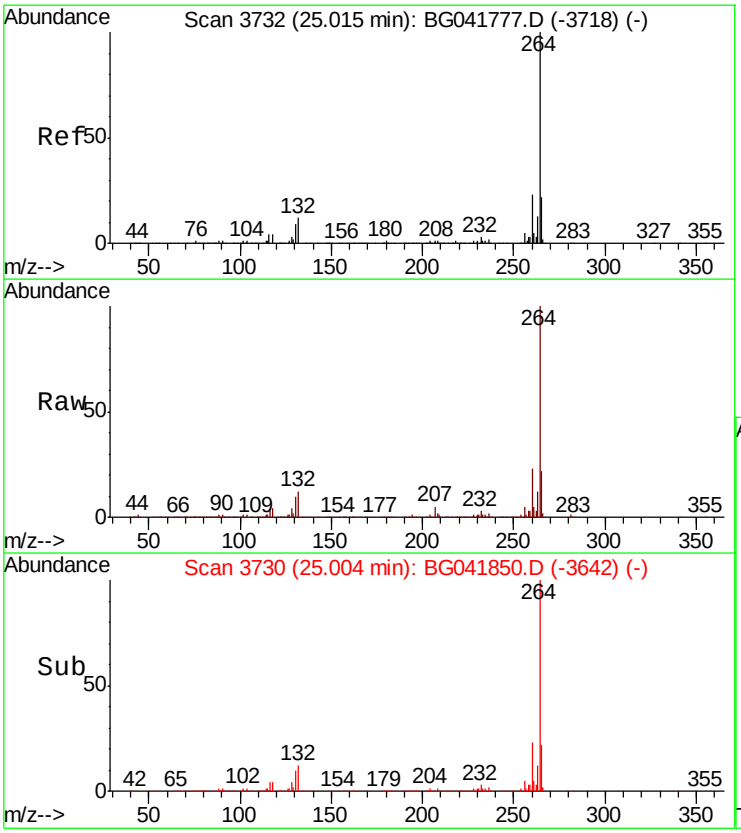
#79
Terphenyl-d14
Concen: 84.788 ng
RT: 20.06 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:244 Resp: 2721893

Ion	Ratio	Lower	Upper
244	100		
212	11.2	9.7	14.5
122	12.9	12.5	18.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041850.D
Acq: 1 Aug 2019 1:52

Tgt Ion:264 Resp: 764735

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.0	18.0	27.0