Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080119\
Data File : BG041874.D
Acq On : 1 Aug 2019 21:58
Operator : HP/JU
Sample : K4044-10RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Time: Aug 02 01:34:37 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	78930	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	296400	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	196091	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	459357	20.00	ng		0.00
76) Chrysene-d12	21.73	240	622072	20.00	ng		0.00
87) Perylene-d12	25.00	264	741892	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	514694	126.87	ng		0.00
7) Phenol-d6	7.19	99	622985	113.91	ng		0.00
23) Nitrobenzene-d5	9.20	82	469780	109.07	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	330952	148.59	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1130090	101.64	ng		0.00
79) Terphenyl-d14	20.06	244	2226183	81.89	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	63697	16.042	ng	#	68
38) 1-Methylnaphthalene	12.53	142	20542	2.019	ng		91
51) 2,6-Dinitrotoluene	14.70	165	26390	9.424	ng	#	28
57) 2,4-Dinitrotoluene	14.70	165	26390	6.853	ng	#	29
65) 4,6-Dinitro-2-methylphenol	16.19	198	753	7.139	ng	#	1
67) 4-Bromophenyl-phenylether	16.19	248	25263	4.465	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080119\
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Acq On : 1 Aug 2019 21:58
Operator : HP/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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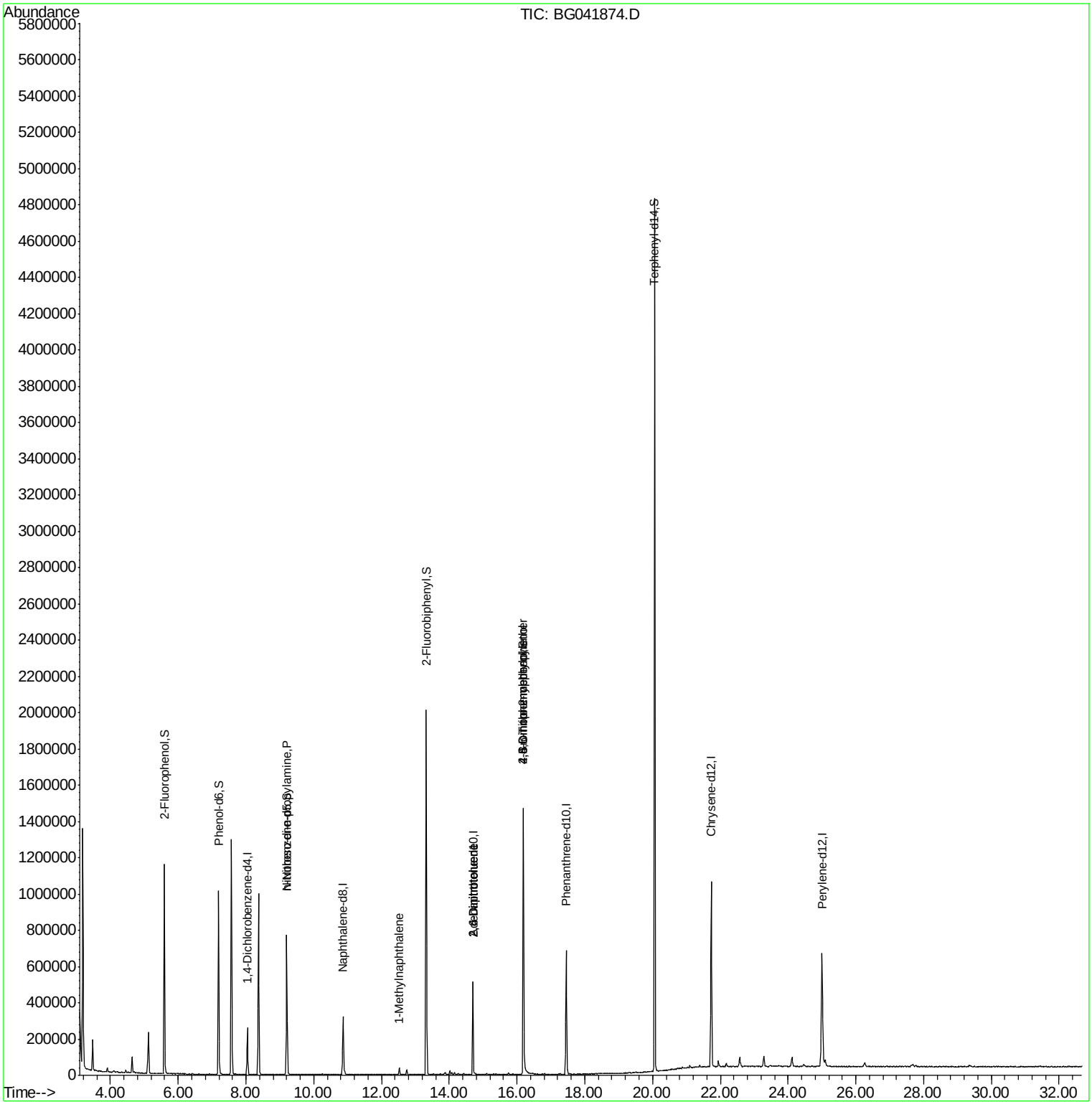
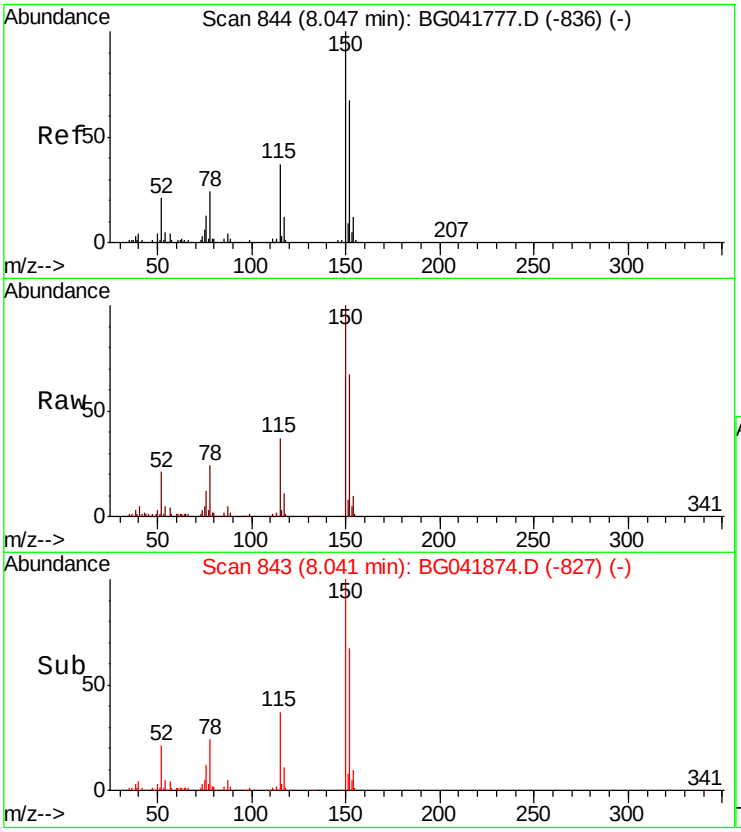
Quant Time: Aug 02 01:34:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration



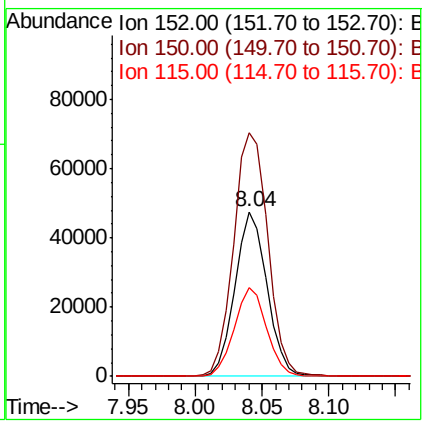


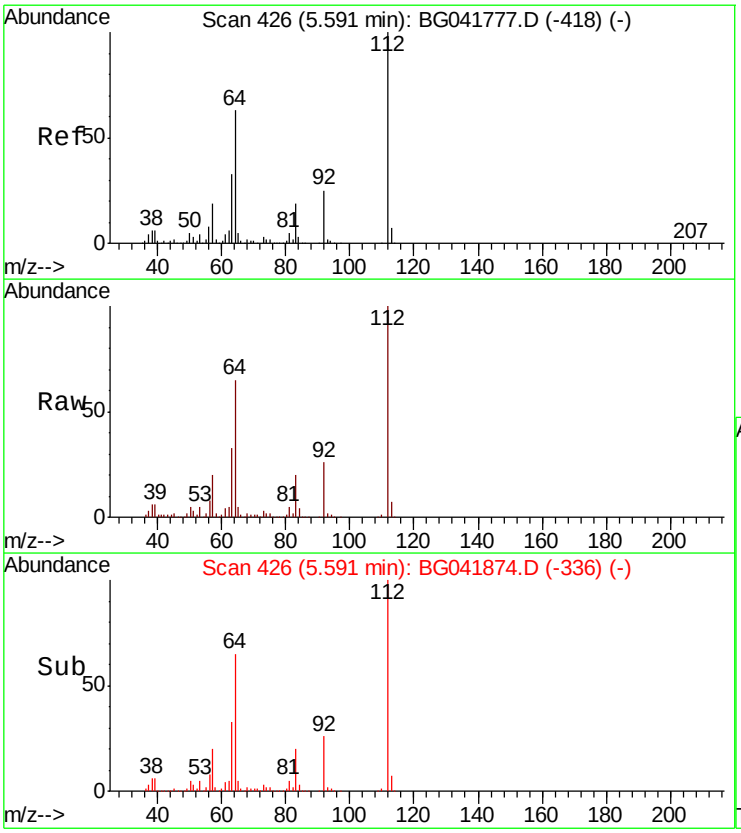
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041874.D
Acq: 1 Aug 2019 21:58

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 78930

Ion	Ratio	Lower	Upper
152	100		
150	148.2	126.9	190.3
115	54.1	45.0	67.6

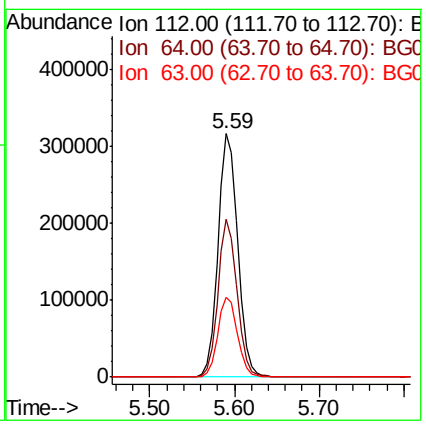


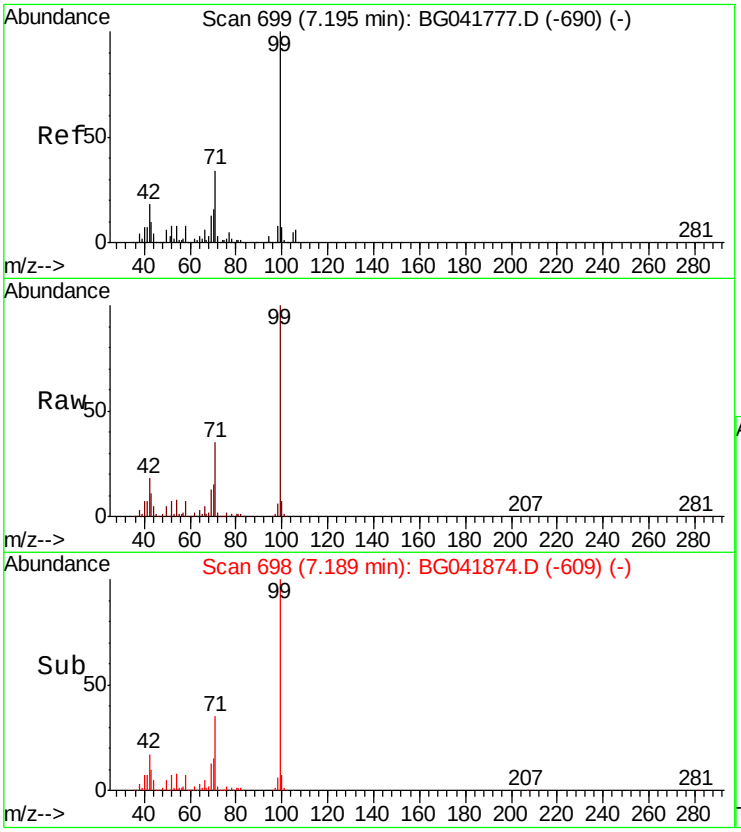


#5
2-Fluorophenol
Concen: 126.872 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG041874.D
Acq: 1 Aug 2019 21:58

Tgt Ion:112 Resp: 514694

Ion	Ratio	Lower	Upper
112	100		
64	65.0	55.4	83.2
63	32.9	29.1	43.7



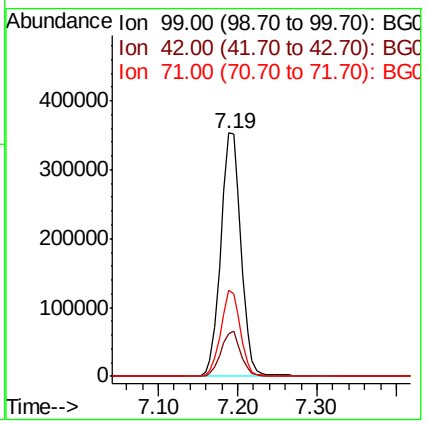


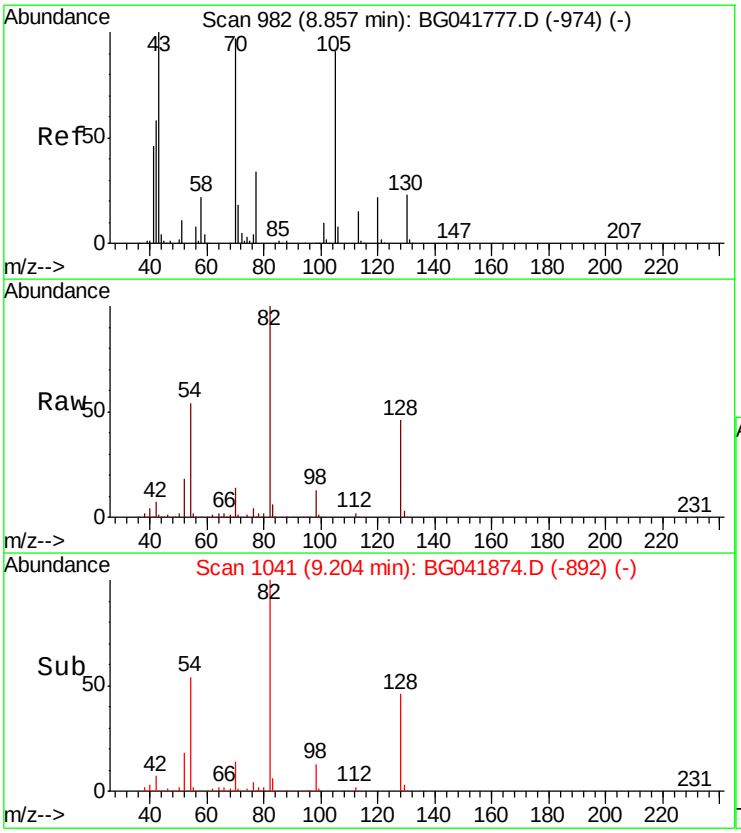
#7
Phenol-d6
Concen: 113.907 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG041874.D
Acq: 1 Aug 2019 21:58

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 622985

Ion	Ratio	Lower	Upper
99	100		
42	17.5	17.6	26.4#
71	35.2	27.8	41.6

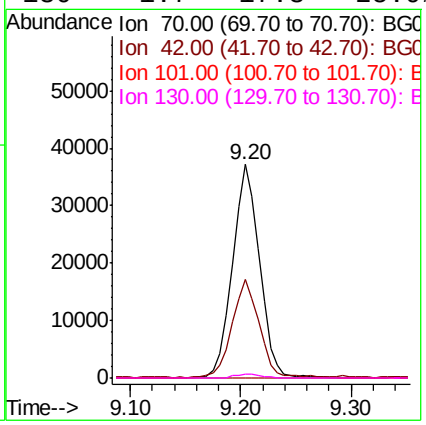


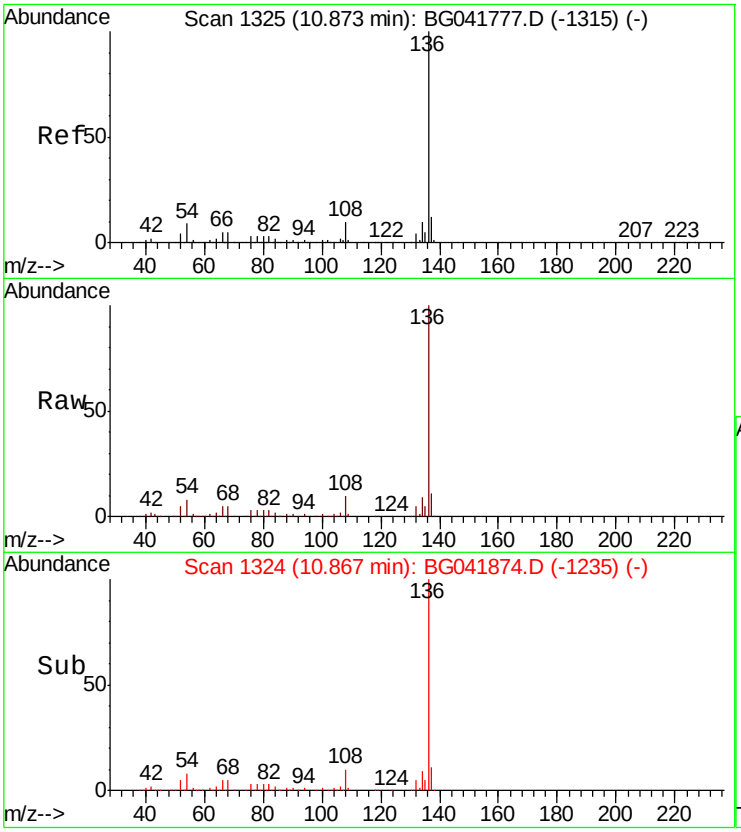


#19
n-Nitroso-di-n-propylamine
Concen: 16.042 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.35 min
Lab File: BG041874.D
Acq: 1 Aug 2019 21:58

Tgt Ion: 70 Resp: 63697

Ion	Ratio	Lower	Upper
70	100		
42	45.9	55.8	83.6#
101	0.0	8.1	12.1#
130	1.7	17.3	25.9#



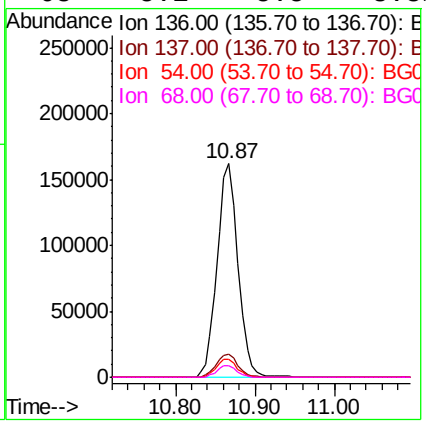


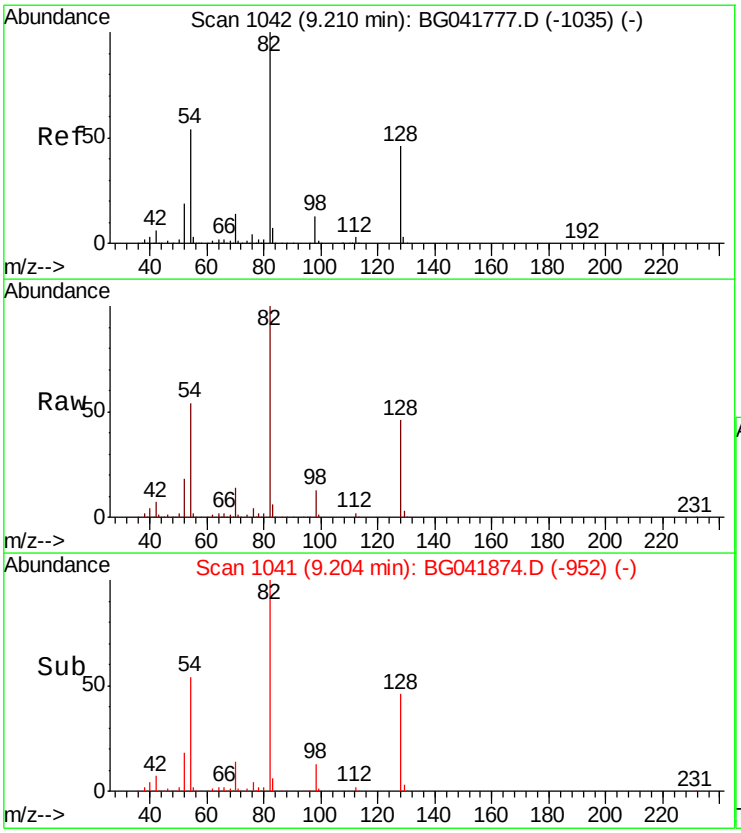
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041874.D
Acq: 1 Aug 2019 21:58

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 296400

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.1	8.7	13.1#
68	5.1	5.5	8.3#

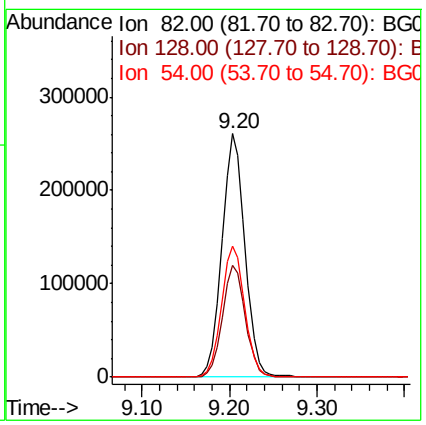


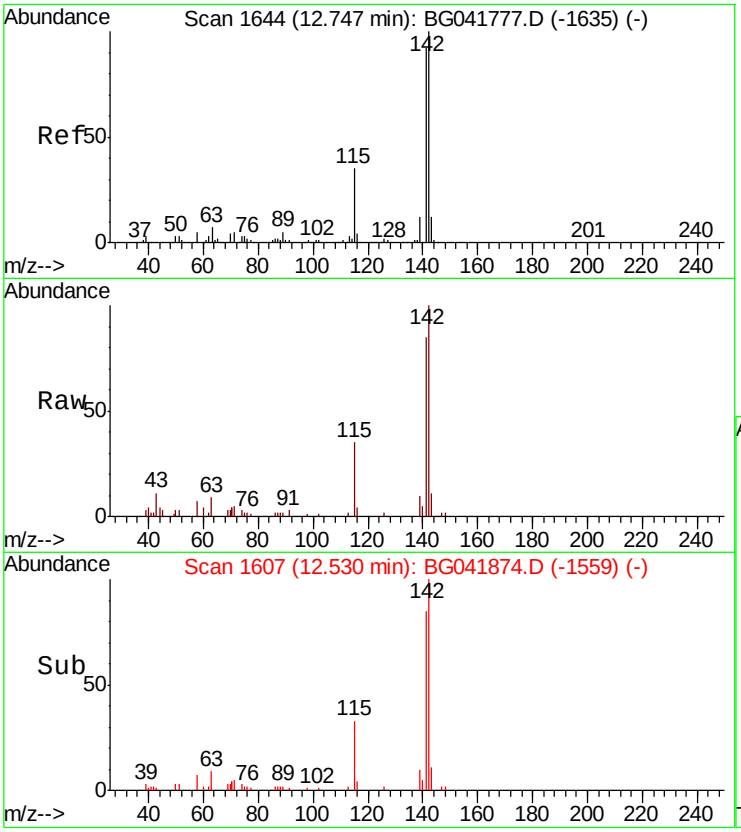


#23
Nitrobenzene-d5
Concen: 109.070 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041874.D
Acq: 1 Aug 2019 21:58

Tgt Ion: 82 Resp: 469780

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.1	52.7
54	54.0	48.7	73.1



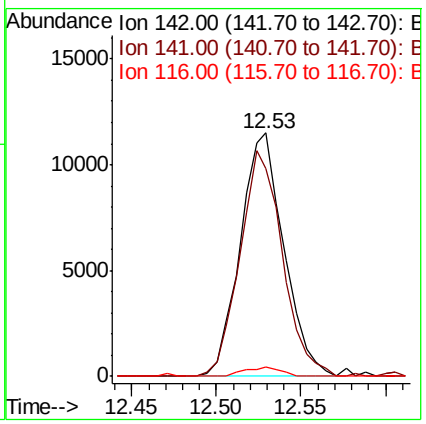


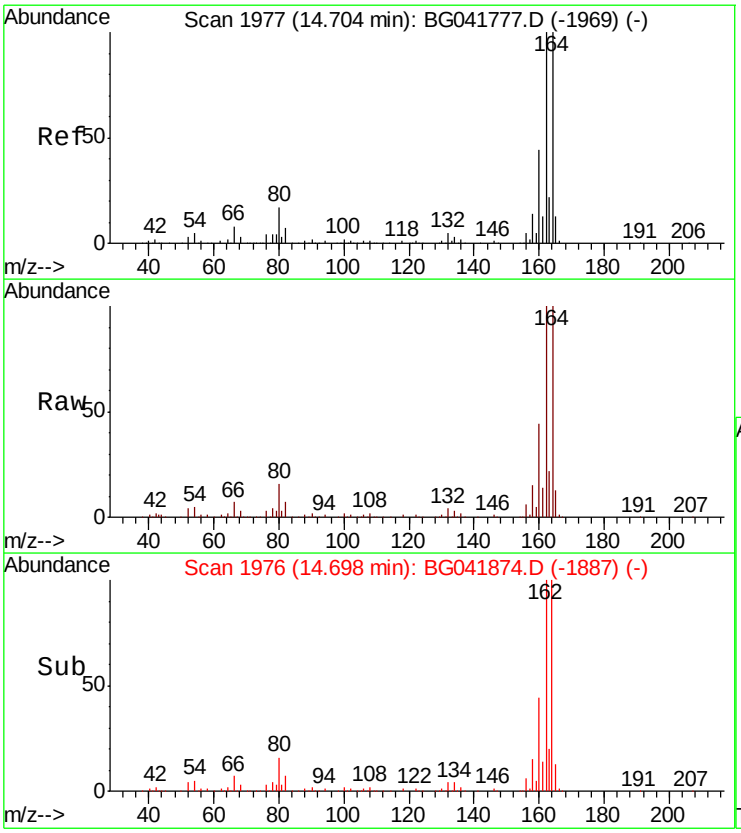
#38
1-Methylnaphthalene
Concen: 2.019 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.22 min
Lab File: BG041874.D
Acq: 1 Aug 2019 21:58

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:142 Resp: 20542

Ion	Ratio	Lower	Upper
142	100		
141	85.5	75.4	113.2
116	3.9	3.2	4.8

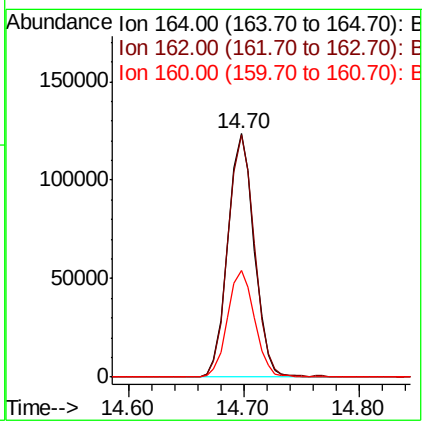


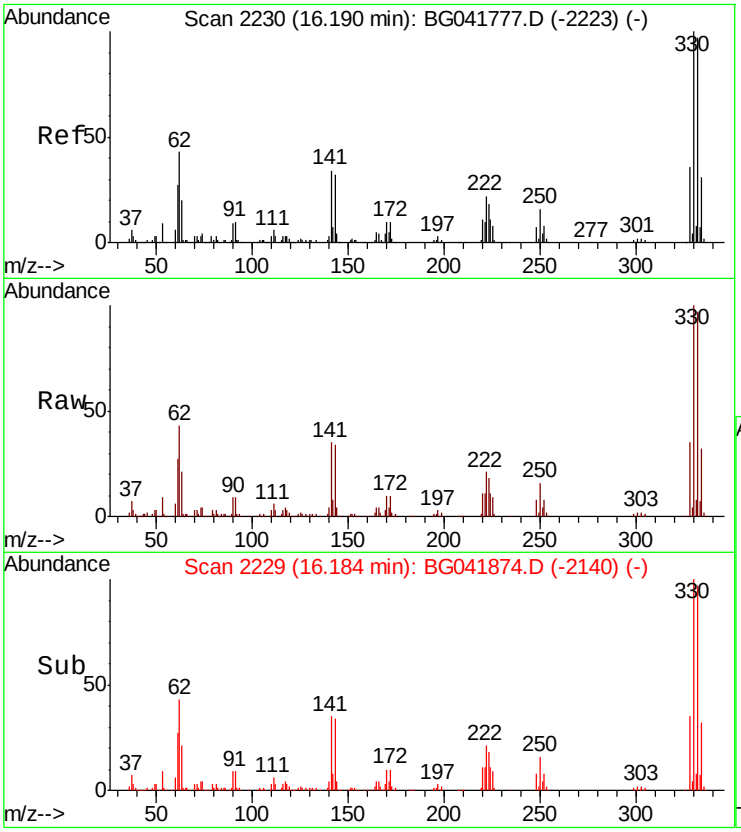


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041874.D
Acq: 1 Aug 2019 21:58

Tgt Ion:164 Resp: 196091

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.6	119.4
160	43.7	35.4	53.0



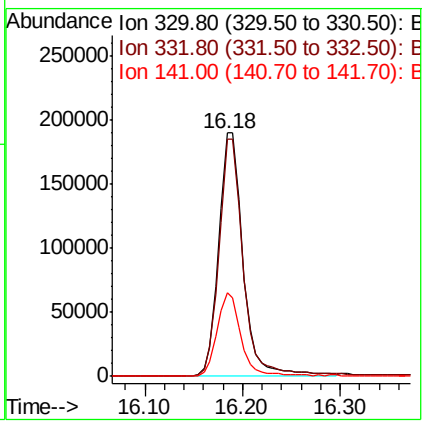


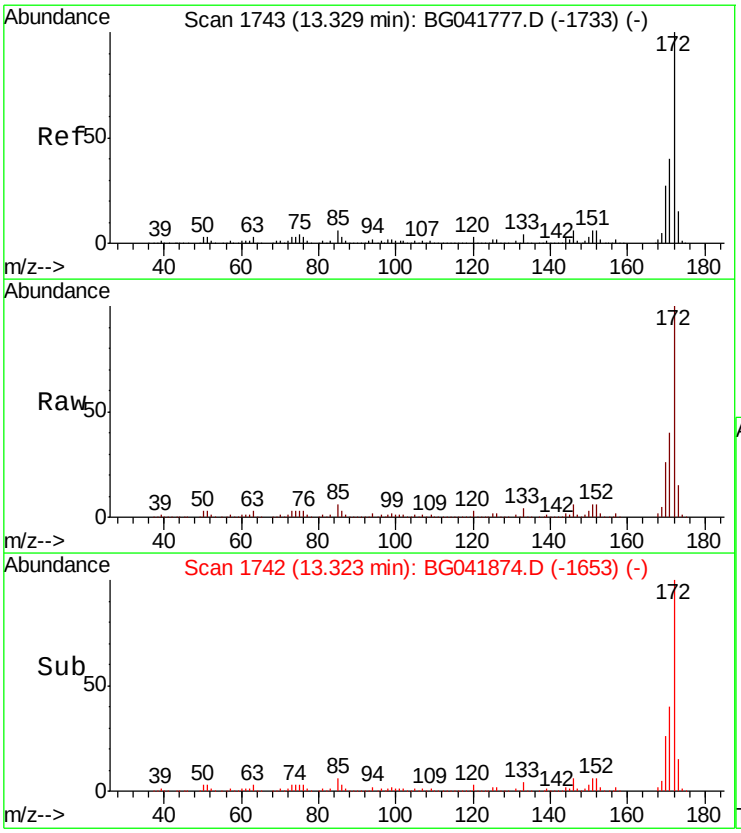
#42
2,4,6-Tribromophenol
Concen: 148.587 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG041874.D
Acq: 1 Aug 2019 21:58

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:330 Resp: 330952

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.0
141	33.7	31.9	47.9

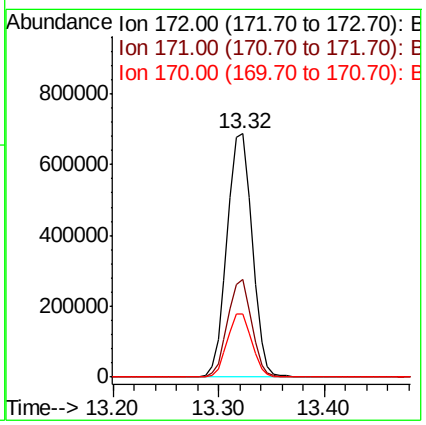


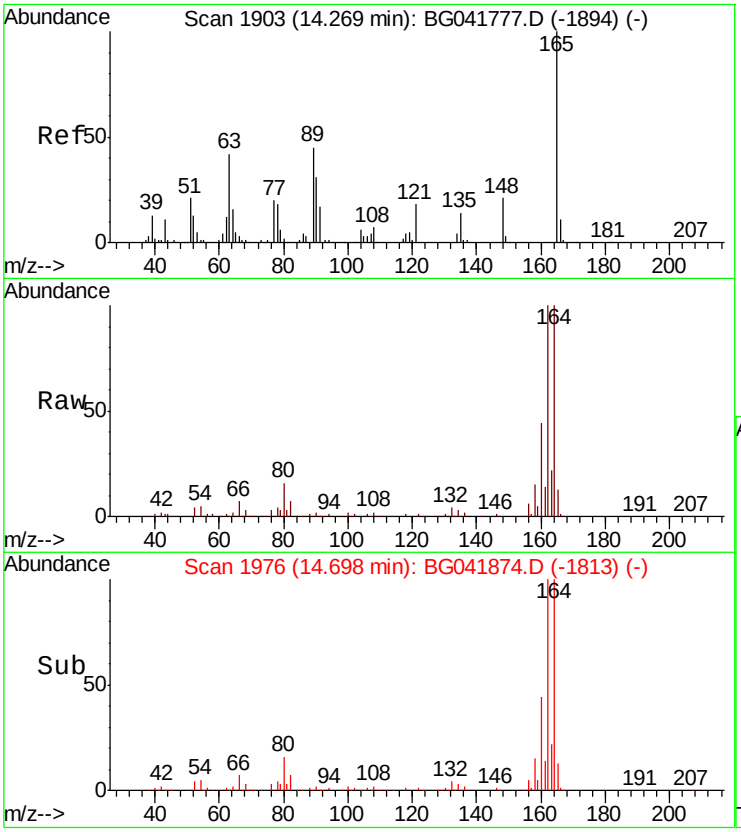


#45
2-Fluorobiphenyl
Concen: 101.645 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG041874.D
Acq: 1 Aug 2019 21:58

Tgt Ion:172 Resp: 1130090

Ion	Ratio	Lower	Upper
172	100		
171	40.0	35.0	52.4
170	25.7	23.5	35.3



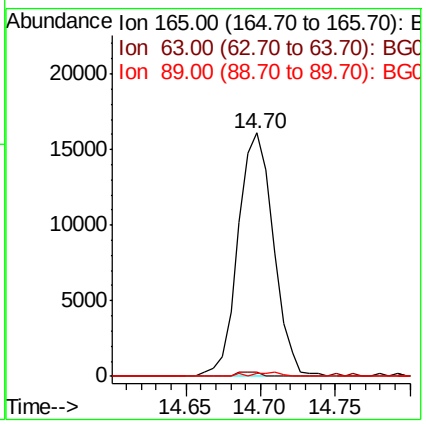


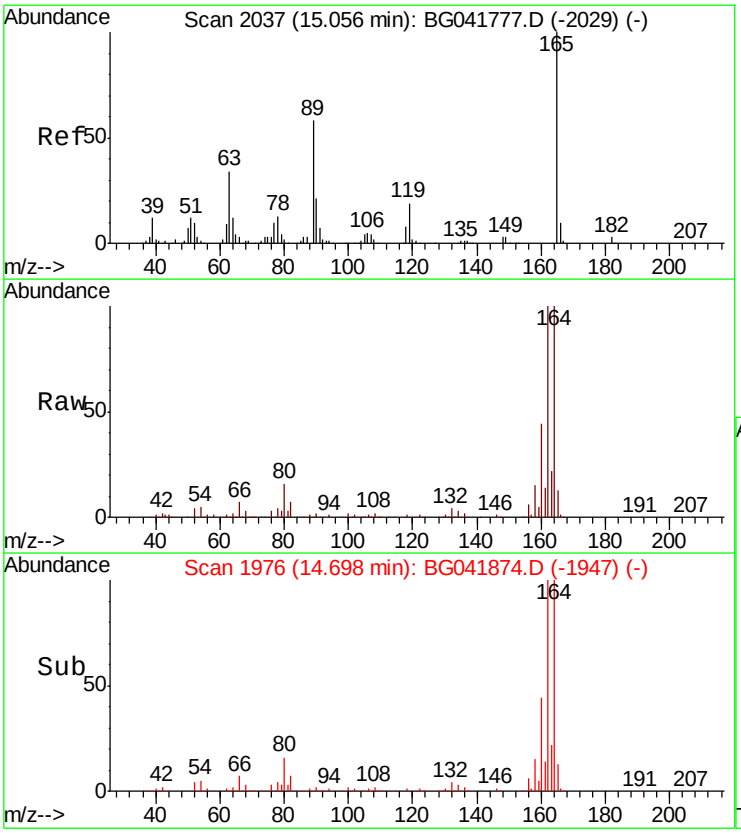
#51
2,6-Dinitrotoluene
Concen: 9.424 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.43 min
Lab File: BG041874.D
Acq: 1 Aug 2019 21:58

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:165 Resp: 26390

Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.4	63.6#
89	1.4	42.1	63.1#

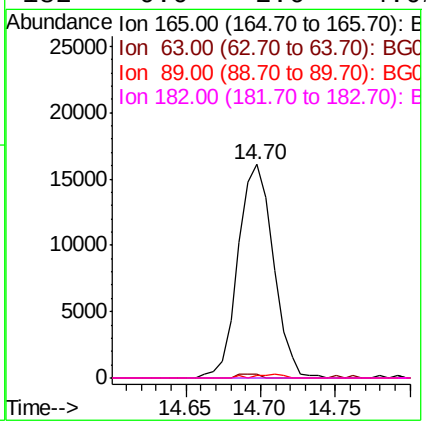


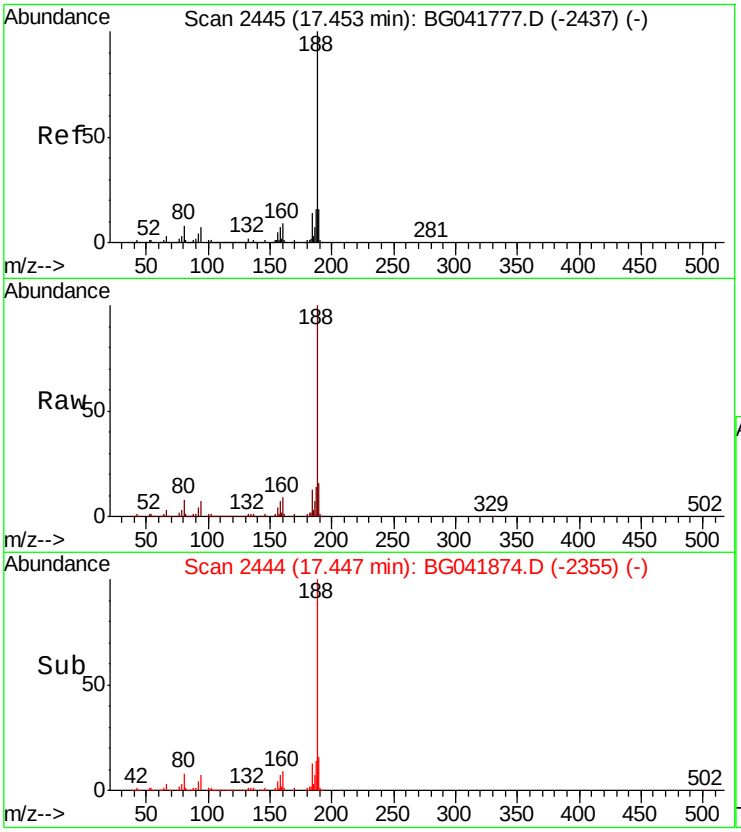


#57
2,4-Dinitrotoluene
Concen: 6.853 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.36 min
Lab File: BG041874.D
Acq: 1 Aug 2019 21:58

Tgt Ion:165 Resp: 26390

Ion	Ratio	Lower	Upper
165	100		
63	1.7	31.7	47.5#
89	1.4	50.2	75.4#
182	0.0	2.6	4.0#



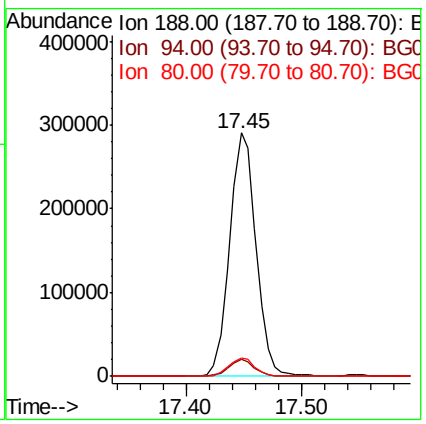


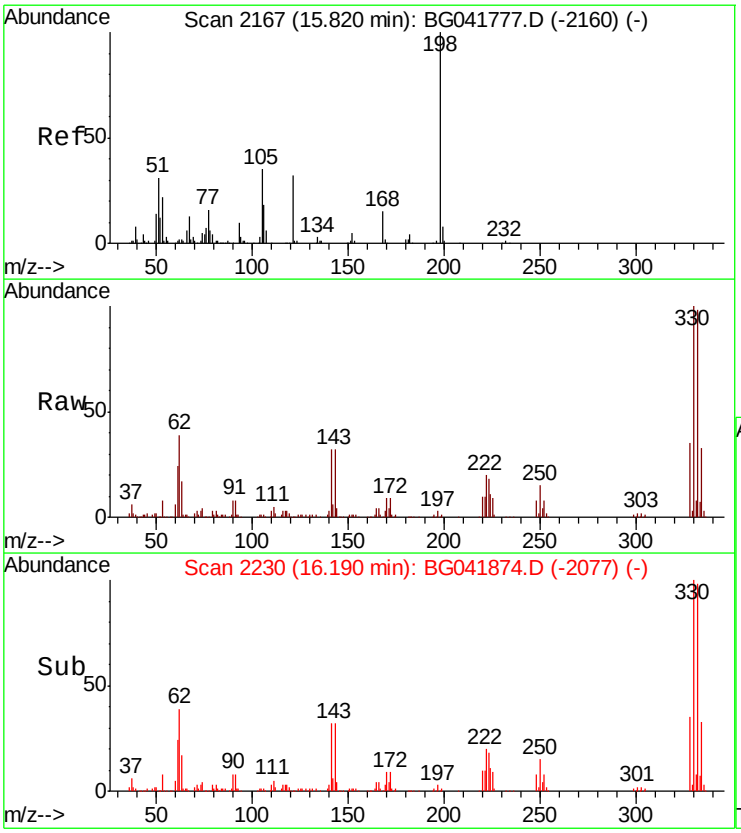
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041874.D
Acq: 1 Aug 2019 21:58

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:188 Resp: 459357

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	7.6	8.0	12.0#

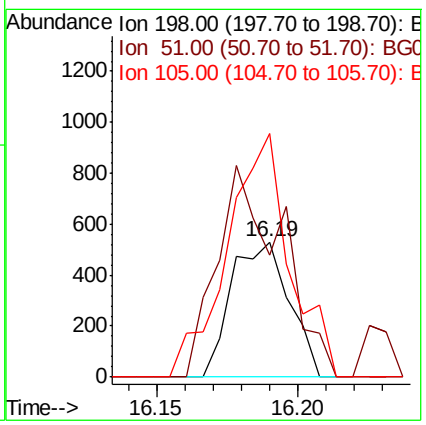


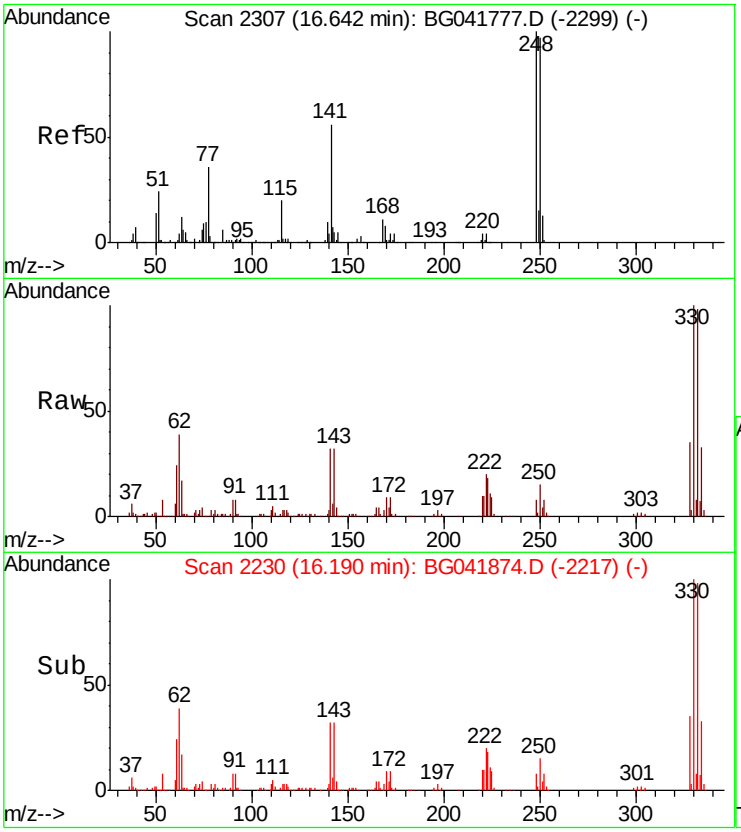


#65
4,6-Dinitro-2-methylphenol
Concen: 7.139 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.37 min
Lab File: BG041874.D
Acq: 1 Aug 2019 21:58

Tgt Ion:198 Resp: 753

Ion	Ratio	Lower	Upper
198	100		
51	89.8	22.3	62.3#
105	180.0	18.0	58.0#



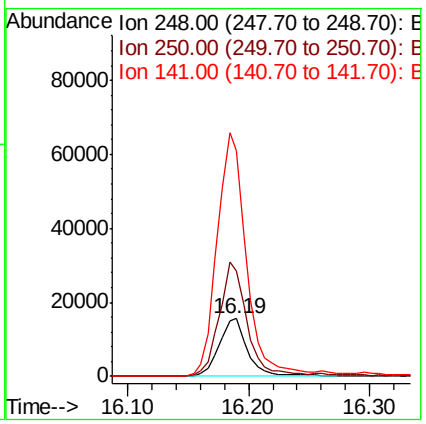


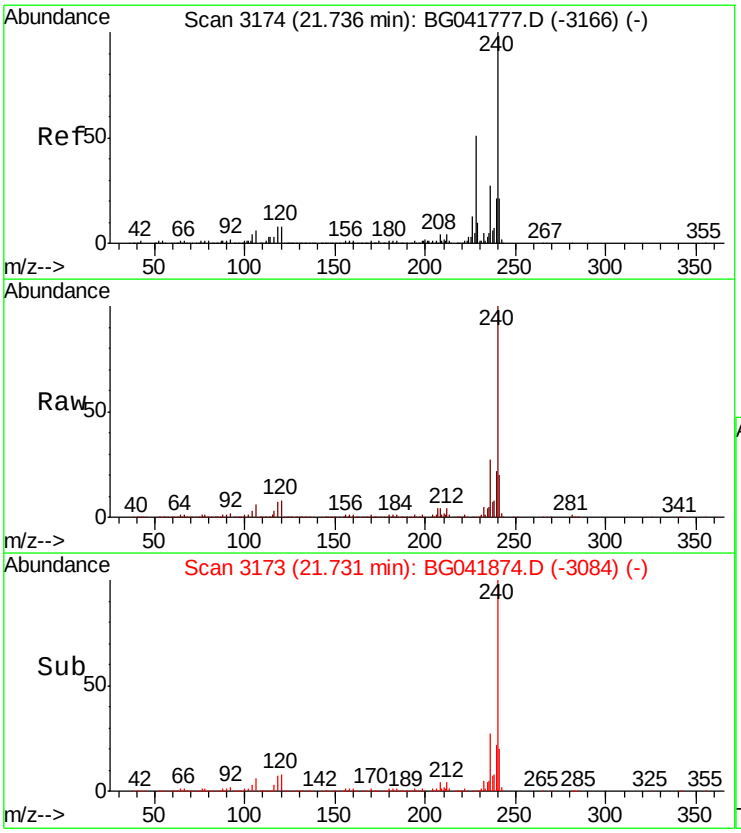
#67
4-Bromophenyl-phenylether
Concen: 4.465 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.45 min
Lab File: BG041874.D
Acq: 1 Aug 2019 21:58

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:248 Resp: 25263

Ion	Ratio	Lower	Upper
248	100		
250	183.0	78.1	117.1#
141	389.3	49.6	74.4#

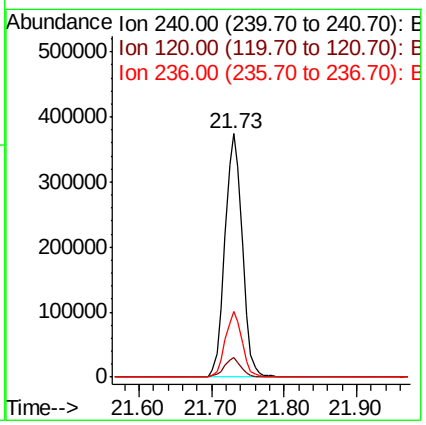


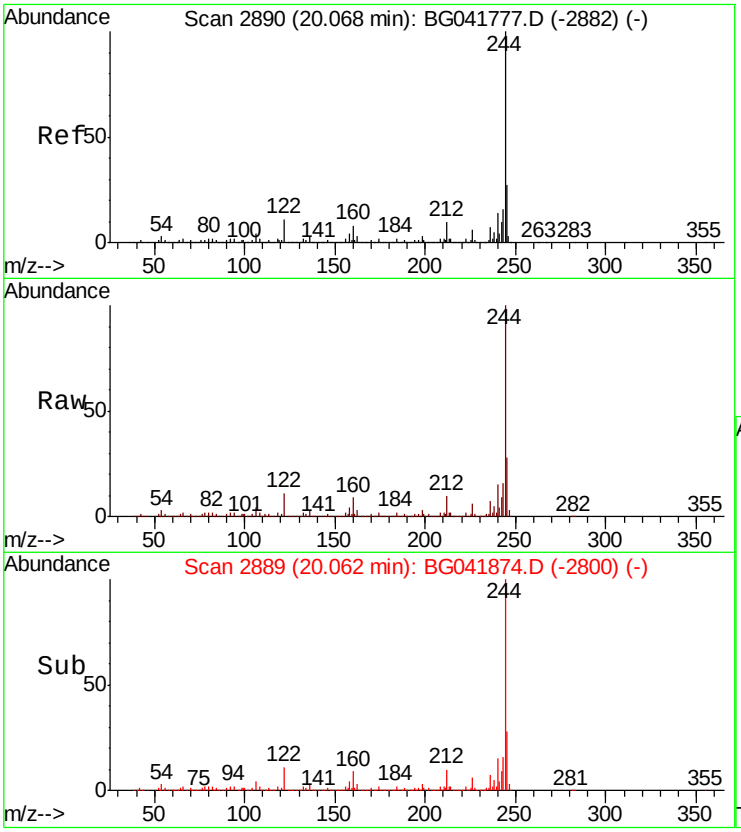


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041874.D
Acq: 1 Aug 2019 21:58

Tgt Ion:240 Resp: 622072

Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.0	12.0
236	27.1	22.6	33.8



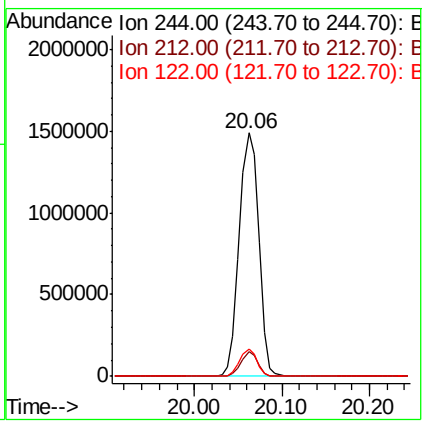


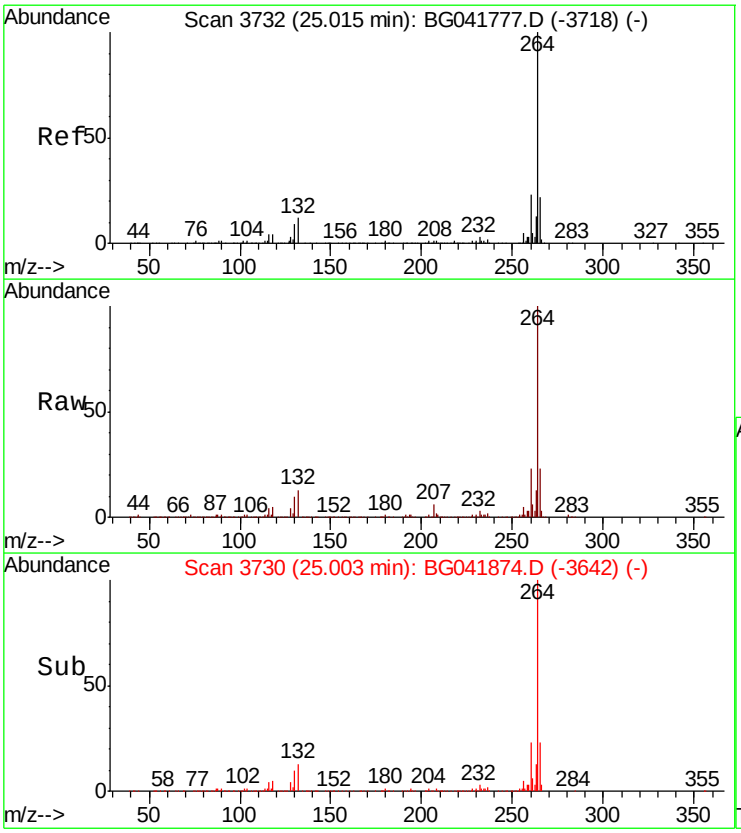
#79
Terphenyl-d14
Concen: 81.889 ng
RT: 20.06 min Scan# 2889
Delta R.T. -0.01 min
Lab File: BG041874.D
Acq: 1 Aug 2019 21:58

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:244 Resp: 2226183

Ion	Ratio	Lower	Upper
244	100		
212	10.0	9.7	14.5
122	11.0	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: BG041874.D
Acq: 1 Aug 2019 21:58

Tgt Ion:264 Resp: 741892

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.7	18.0	27.0