Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080119\
Data File : BG041862.D
Acq On : 1 Aug 2019 14:16
Operator : HP/JU
Sample : K4021-16RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-A

Quant Time: Aug 02 01:30:56 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	102444	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	377556	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	267106	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	625160	20.00	ng		0.00
76) Chrysene-d12	21.73	240	663491	20.00	ng		0.00
87) Perylene-d12	25.00	264	763678	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	657438	124.86	ng		0.00
7) Phenol-d6	7.20	99	792595	111.66	ng		0.00
23) Nitrobenzene-d5	9.20	82	608609	110.93	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	495812	163.42	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1515143	100.05	ng		0.00
79) Terphenyl-d14	20.06	244	2561430	88.34	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	82899	16.086	ng	#	69
50) Dimethylphthalate	14.15	163	118729	6.509	ng		97
57) 2,4-Dinitrotoluene	14.70	165	35187	6.708	ng	#	30
65) 4,6-Dinitro-2-methylphenol	16.19	198	1306	7.218	ng	#	1
67) 4-Bromophenyl-phenylether	16.19	248	37172	4.827	ng	#	1
77) Benzidine	20.06	184	46301	2.138	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080119\
Data File : BG041862.D
Acq On : 1 Aug 2019 14:16
Operator : HP/JU
Sample : K4021-16RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
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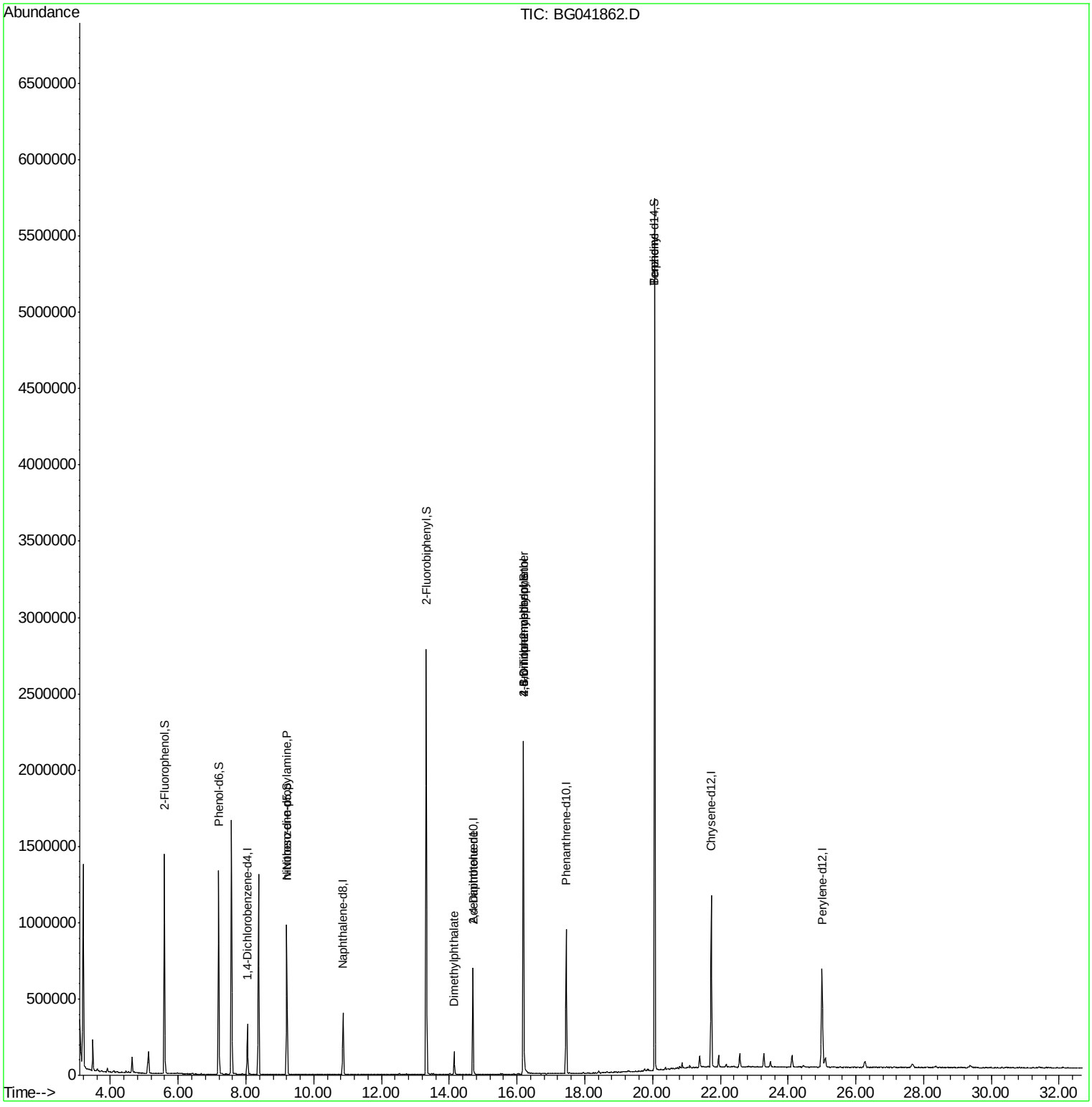
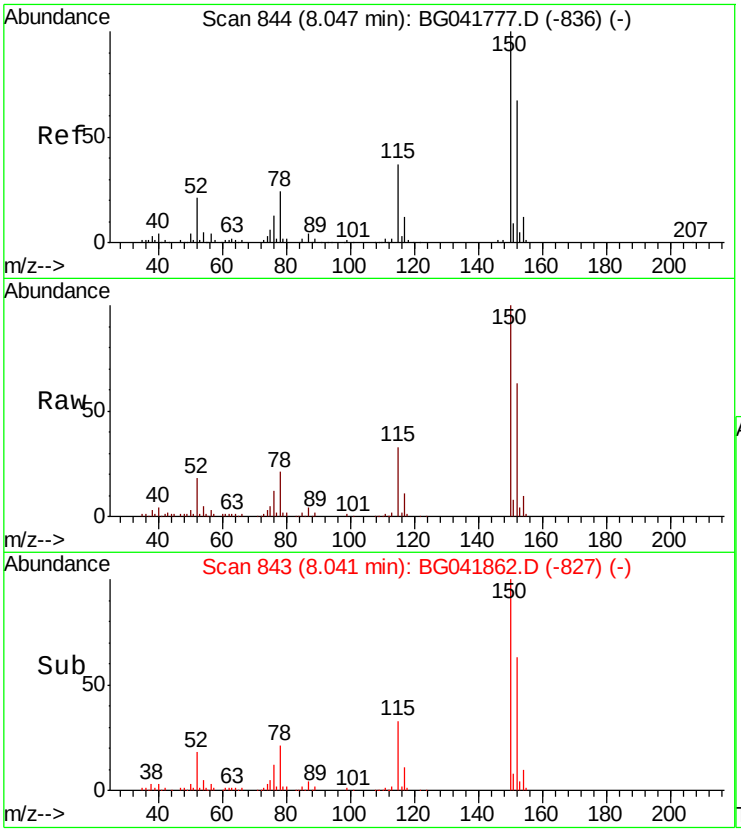
Quant Time: Aug 02 01:30:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration



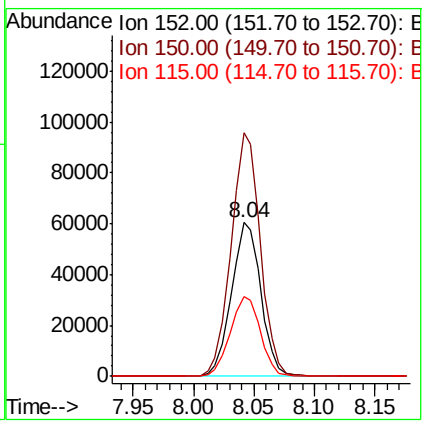


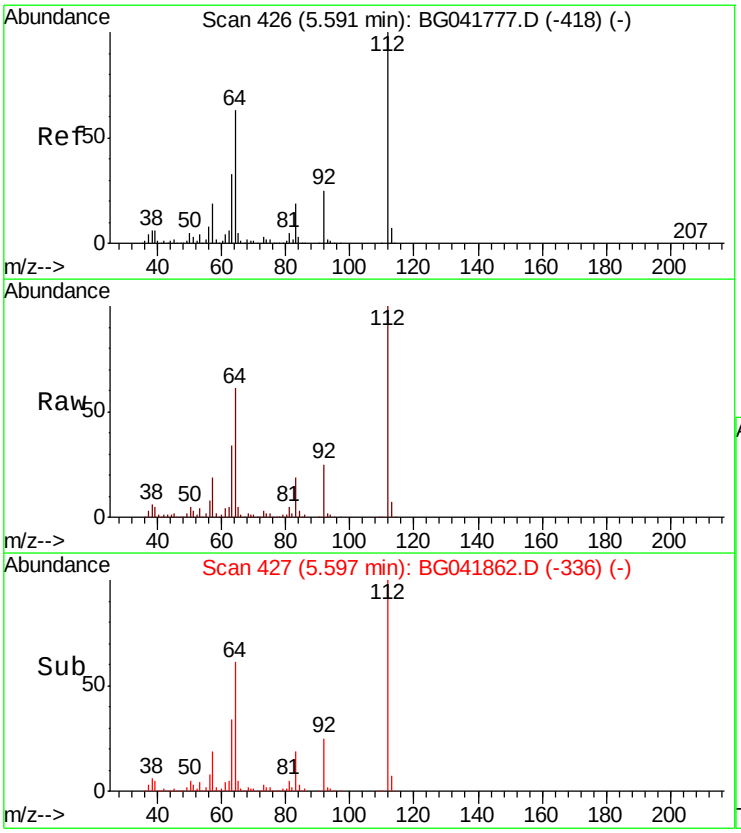
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Instrument :
BNA_F
ClientSampleId :
TP-8-A

Tgt Ion:152 Resp: 102444

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.9	190.3
115	51.7	45.0	67.6

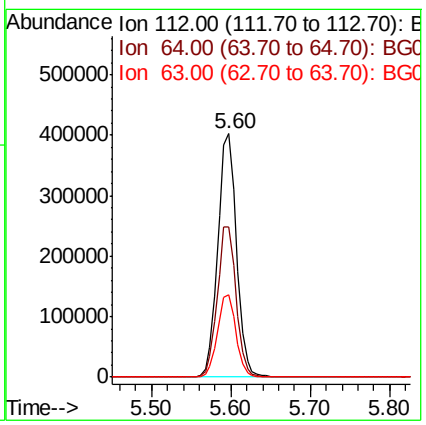


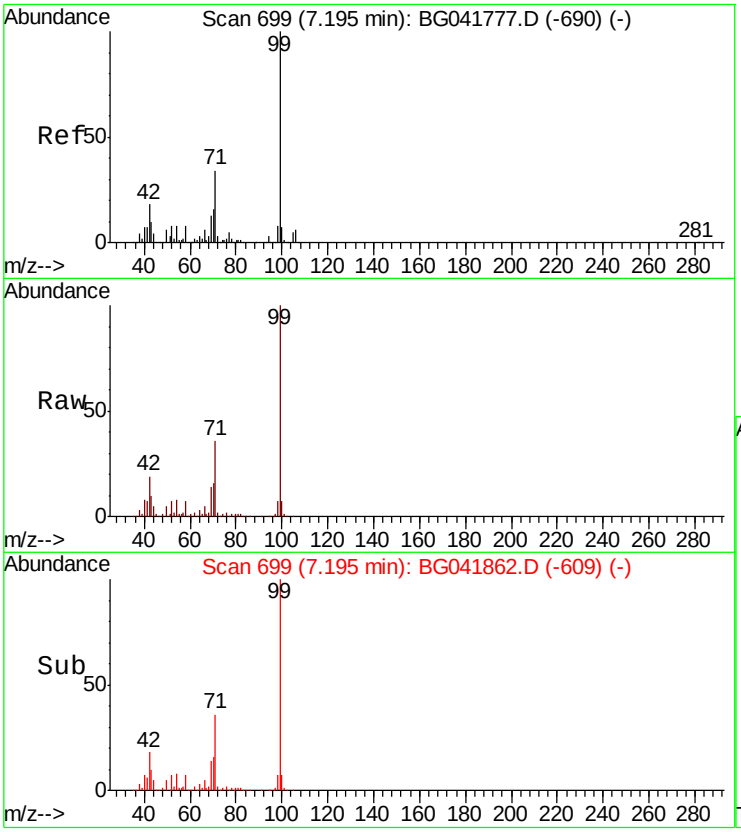


#5
2-Fluorophenol
Concen: 124.861 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Tgt Ion:112 Resp: 657438

Ion	Ratio	Lower	Upper
112	100		
64	61.5	55.4	83.2
63	34.1	29.1	43.7



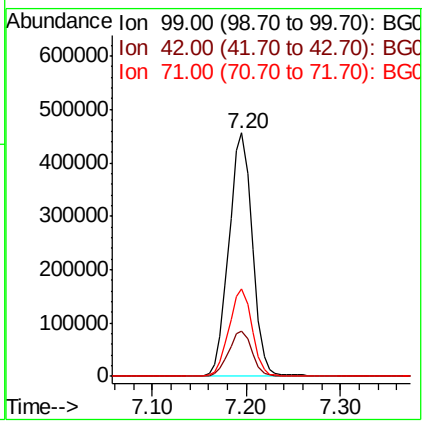


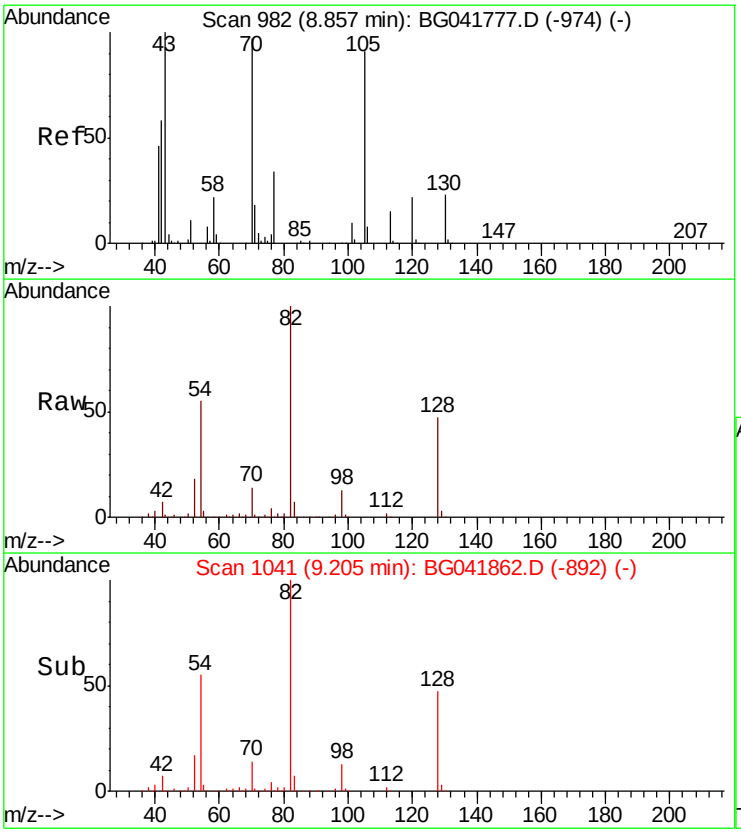
#7
Phenol-d6
Concen: 111.656 ng
RT: 7.20 min Scan# 699
Delta R.T. 0.00 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Instrument :
BNA_F
ClientSampleId :
TP-8-A

Tgt Ion: 99 Resp: 792595

Ion	Ratio	Lower	Upper
99	100		
42	18.6	17.6	26.4
71	35.9	27.8	41.6

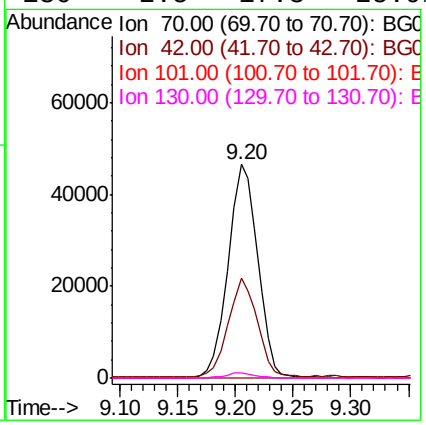


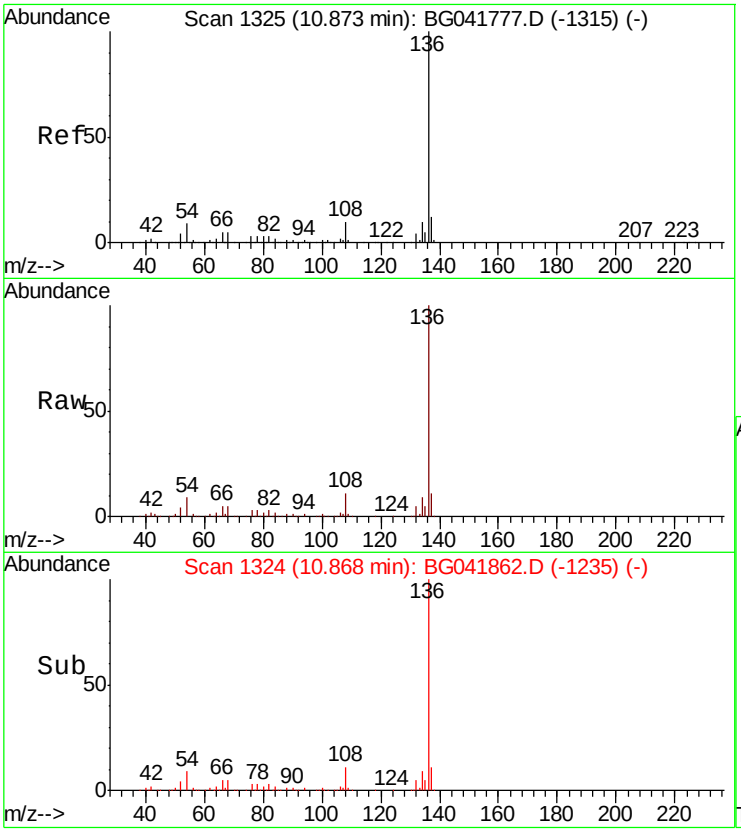


#19
n-Nitroso-di-n-propylamine
Concen: 16.086 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.35 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Tgt Ion: 70 Resp: 82899

Ion	Ratio	Lower	Upper
70	100		
42	46.8	55.8	83.6#
101	0.0	8.1	12.1#
130	2.5	17.3	25.9#



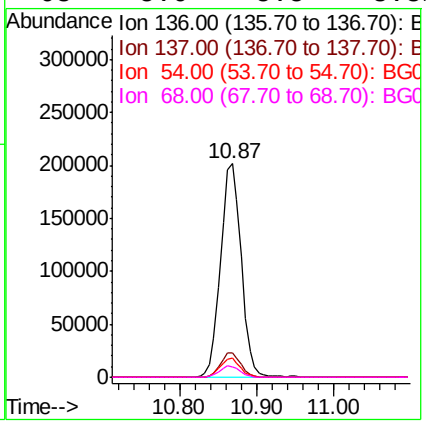


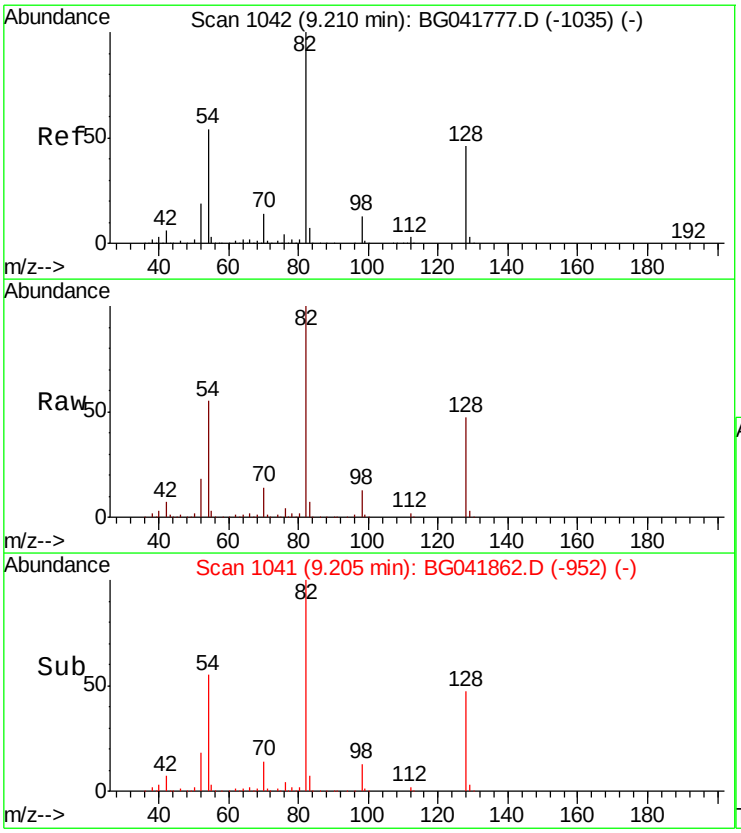
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Instrument :
BNA_F
ClientSampleId :
TP-8-A

Tgt Ion:136 Resp: 377556

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.9	8.7	13.1
68	5.0	5.5	8.3#

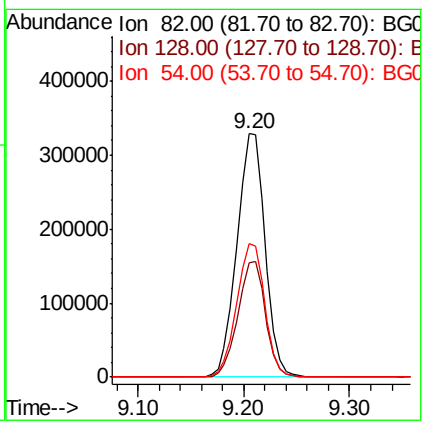


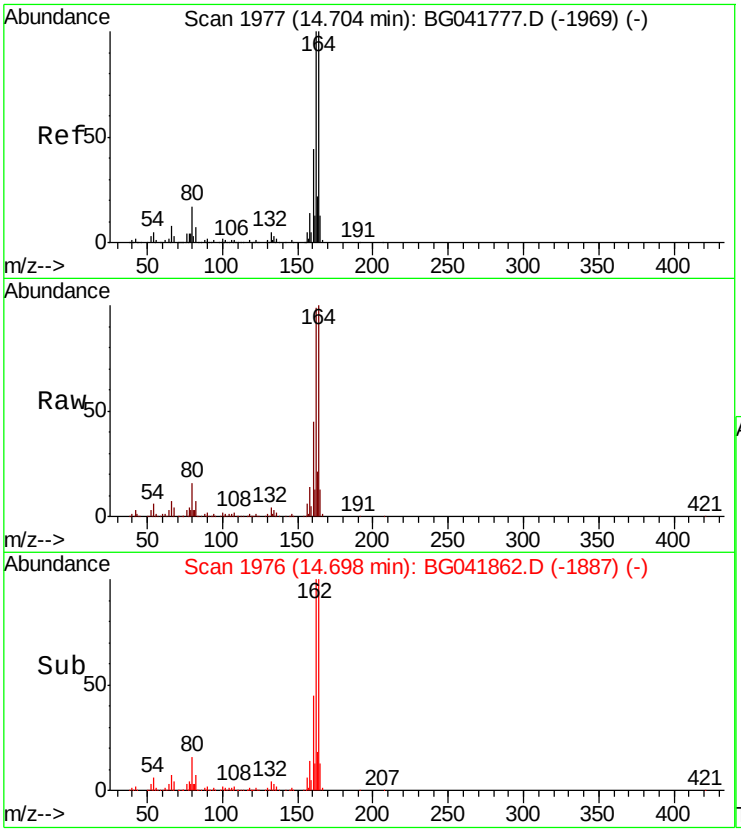


#23
Nitrobenzene-d5
Concen: 110.930 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Tgt Ion: 82 Resp: 608609

Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.1	52.7
54	54.9	48.7	73.1



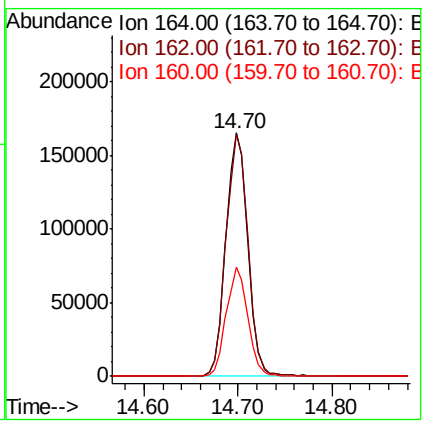


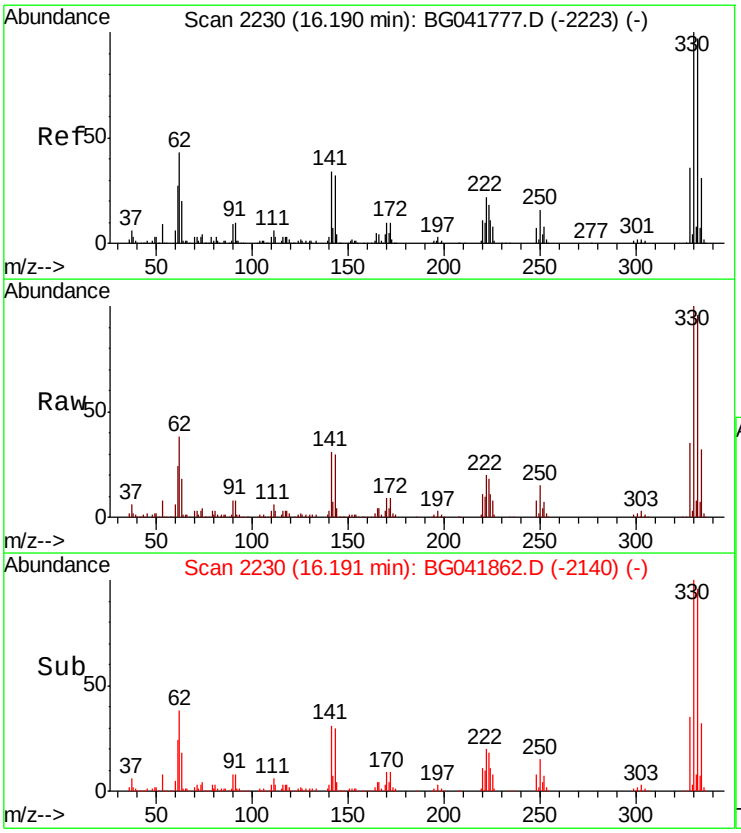
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Instrument :
BNA_F
ClientSampleId :
TP-8-A

Tgt Ion:164 Resp: 267106

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.6	119.4
160	45.0	35.4	53.0

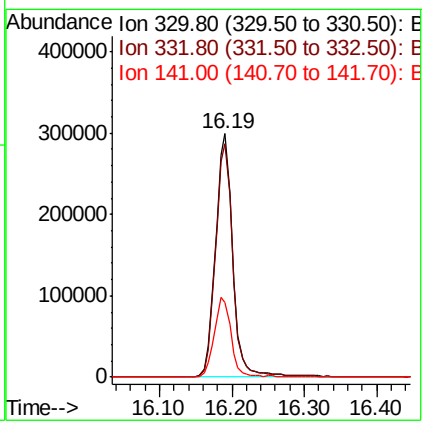


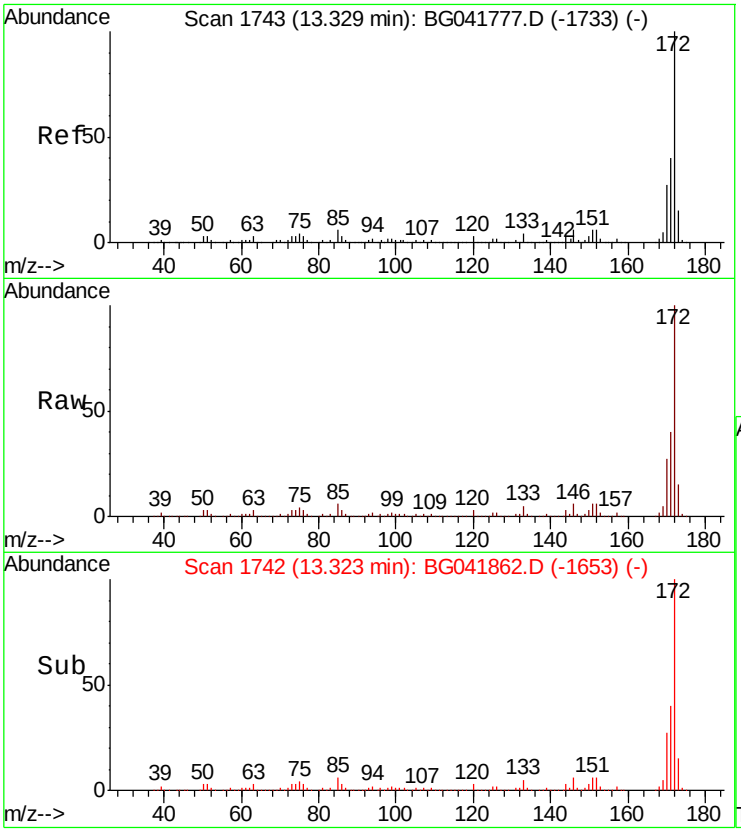


#42
2,4,6-Tribromophenol
Concen: 163.421 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Tgt Ion:330 Resp: 495812

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	32.3	31.9	47.9



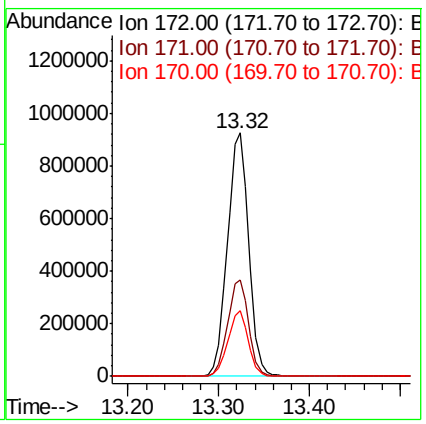


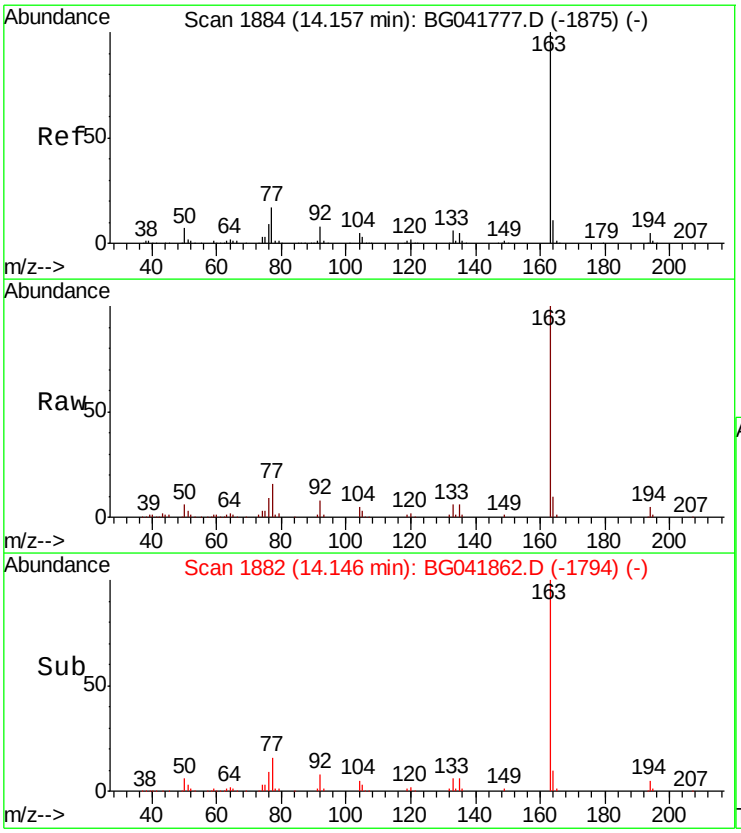
#45
2-Fluorobiphenyl
Concen: 100.046 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Instrument :
BNA_F
ClientSampleId :
TP-8-A

Tgt Ion:172 Resp: 1515143

Ion	Ratio	Lower	Upper
172	100		
171	39.8	35.0	52.4
170	26.8	23.5	35.3

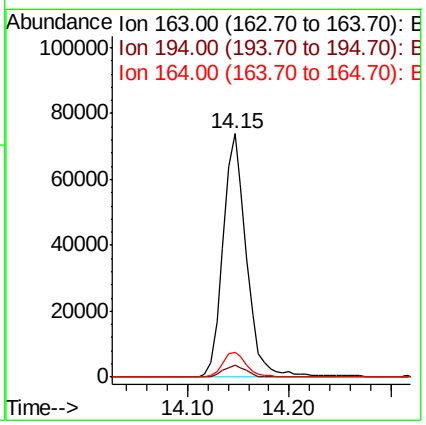


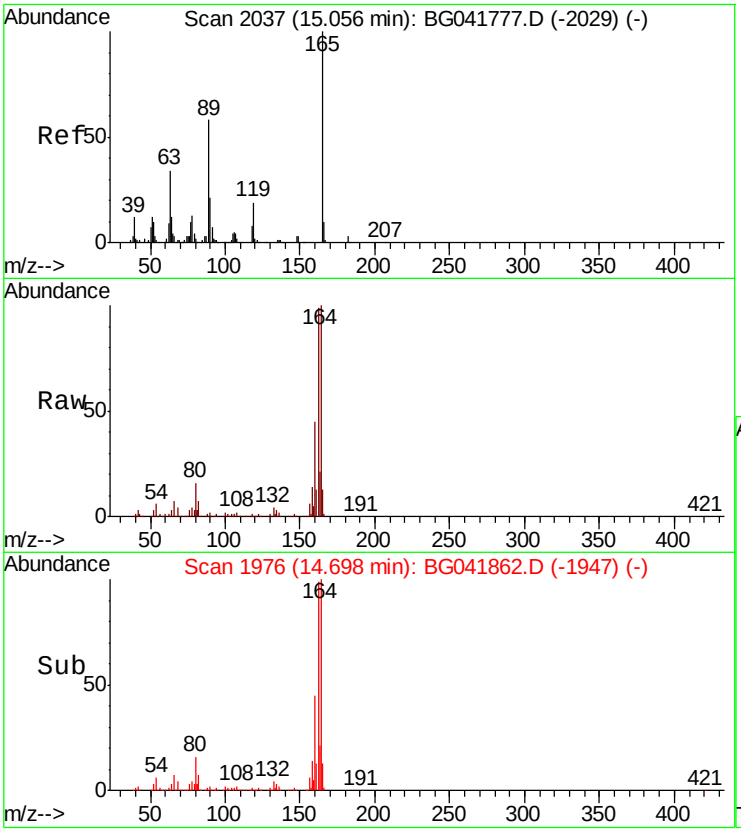


#50
Dimethylphthalate
Concen: 6.509 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Tgt Ion:163 Resp: 118729

Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	10.4	9.4	14.2



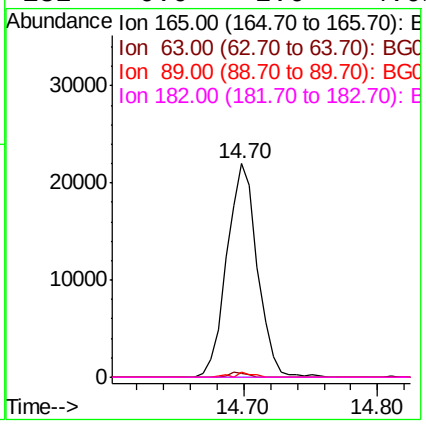


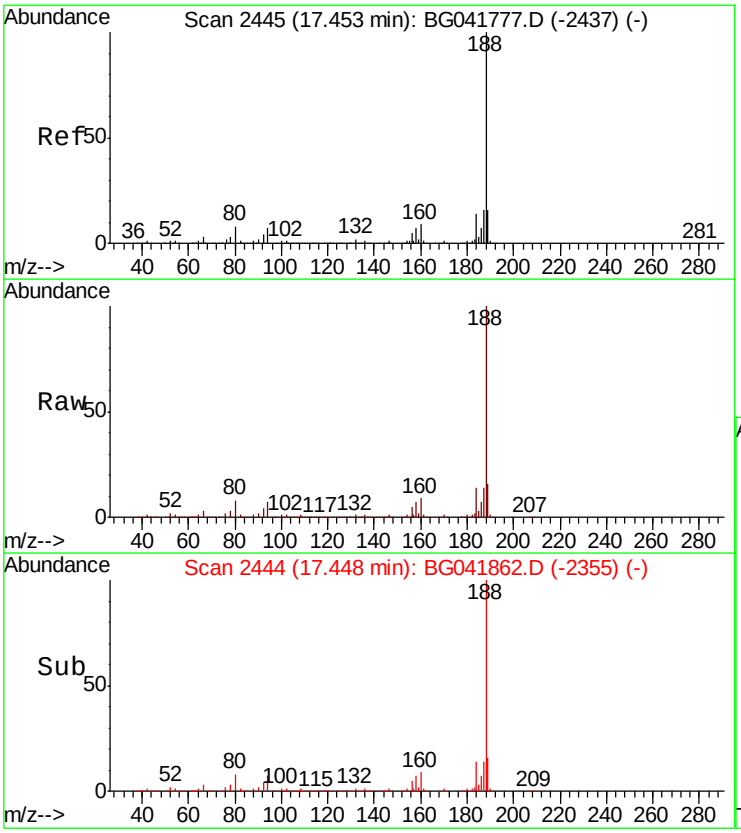
#57
2,4-Dinitrotoluene
Concen: 6.708 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.36 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Instrument :
BNA_F
ClientSampleId :
TP-8-A

Tgt Ion:165 Resp: 35187

Ion	Ratio	Lower	Upper
165	100		
63	2.0	31.7	47.5#
89	2.3	50.2	75.4#
182	0.0	2.6	4.0#

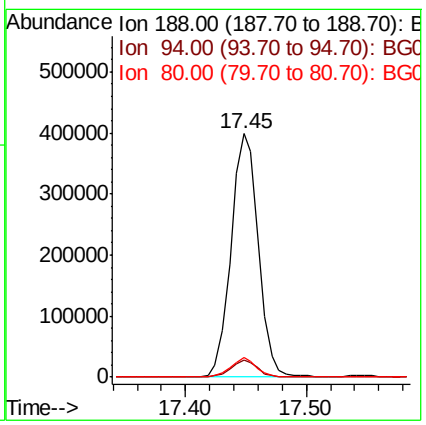


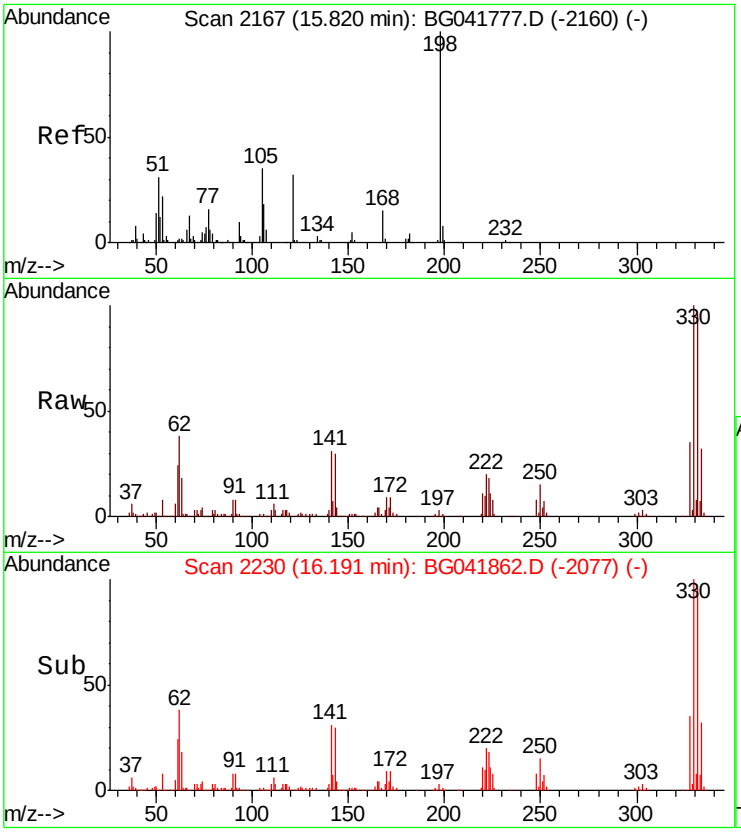


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Tgt Ion:188 Resp: 625160

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	8.2	8.0	12.0



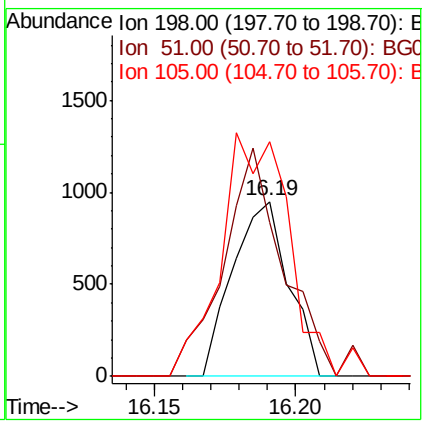


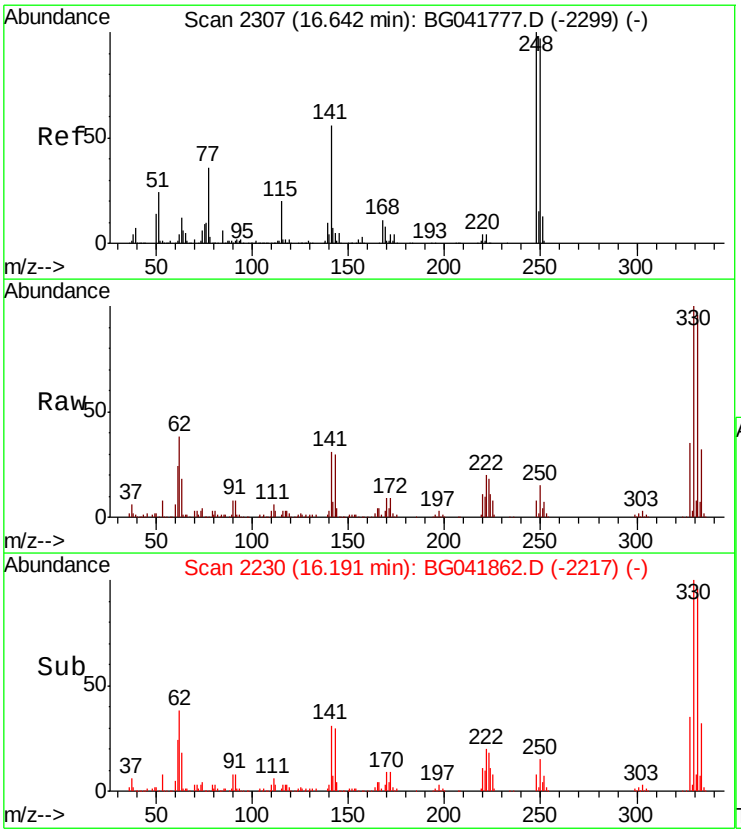
#65
4,6-Dinitro-2-methylphenol
Concen: 7.218 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.37 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Instrument :
BNA_F
ClientSampleId :
TP-8-A

Tgt Ion:198 Resp: 1306

Ion	Ratio	Lower	Upper
198	100		
51	88.3	22.3	62.3#
105	134.2	18.0	58.0#

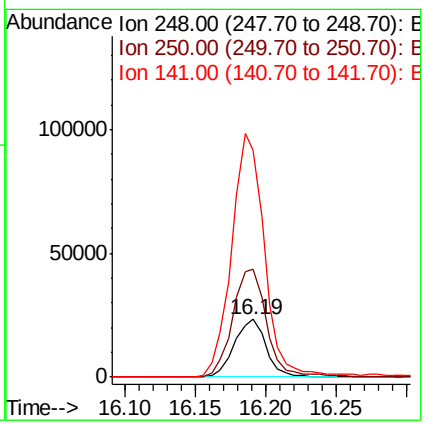


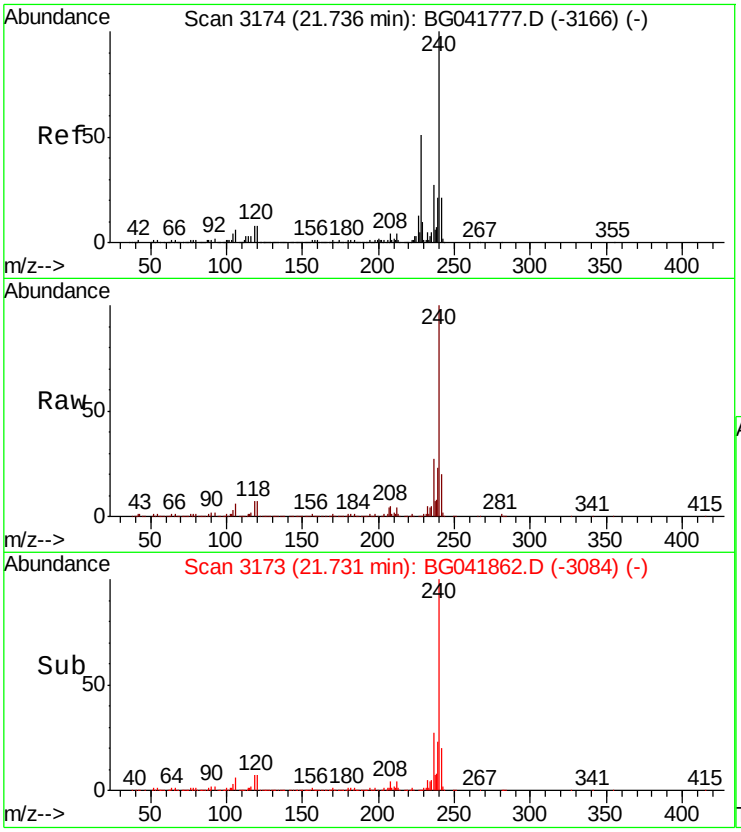


#67
4-Bromophenyl-phenylether
Concen: 4.827 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.45 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Tgt Ion:248 Resp: 37172

Ion	Ratio	Lower	Upper
248	100		
250	188.1	78.1	117.1#
141	394.0	49.6	74.4#



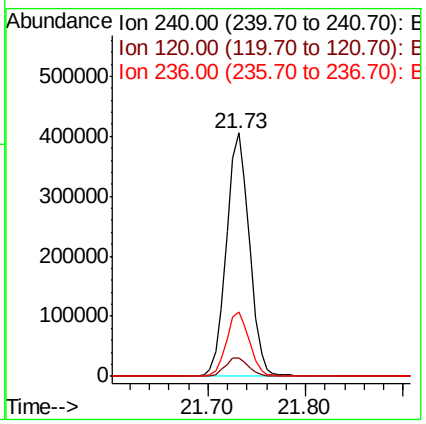


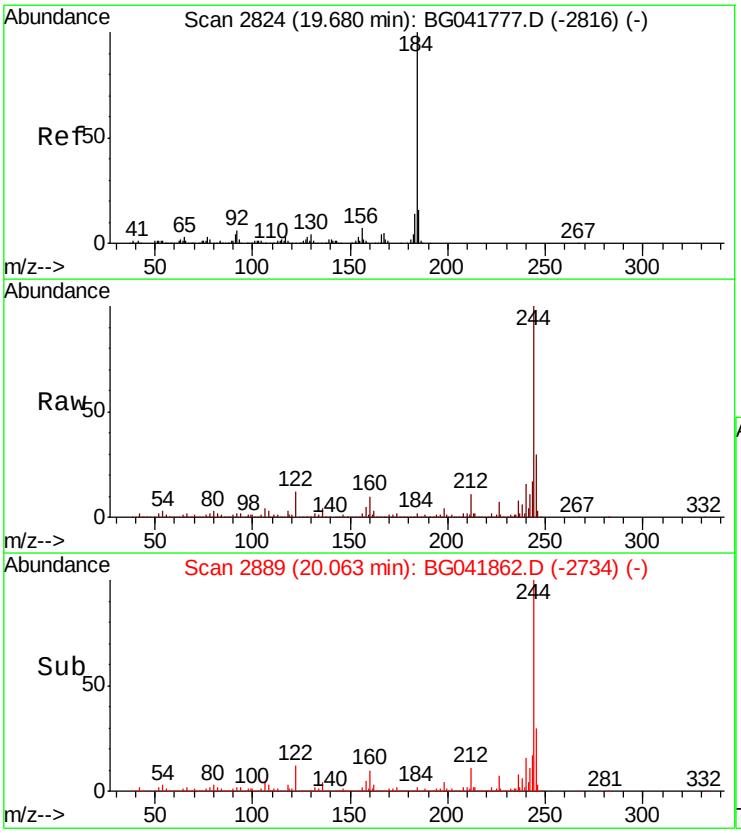
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Instrument :
BNA_F
ClientSampleId :
TP-8-A

Tgt Ion:240 Resp: 663491

Ion	Ratio	Lower	Upper
240	100		
120	7.4	8.0	12.0#
236	26.7	22.6	33.8

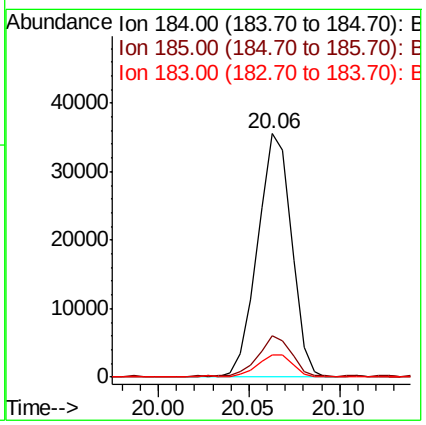


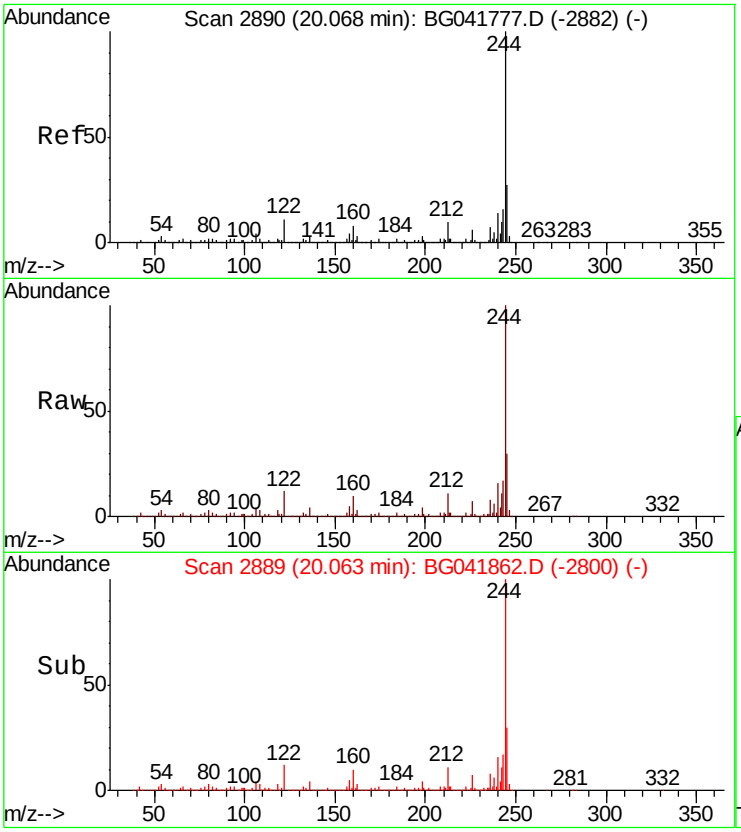


#77
Benzidine
Concen: 2.138 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.38 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Tgt Ion:184 Resp: 46301

Ion	Ratio	Lower	Upper
184	100		
185	17.0	13.0	19.4
183	9.1	11.8	17.6#



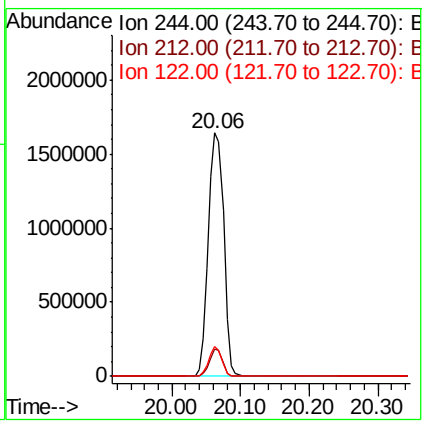


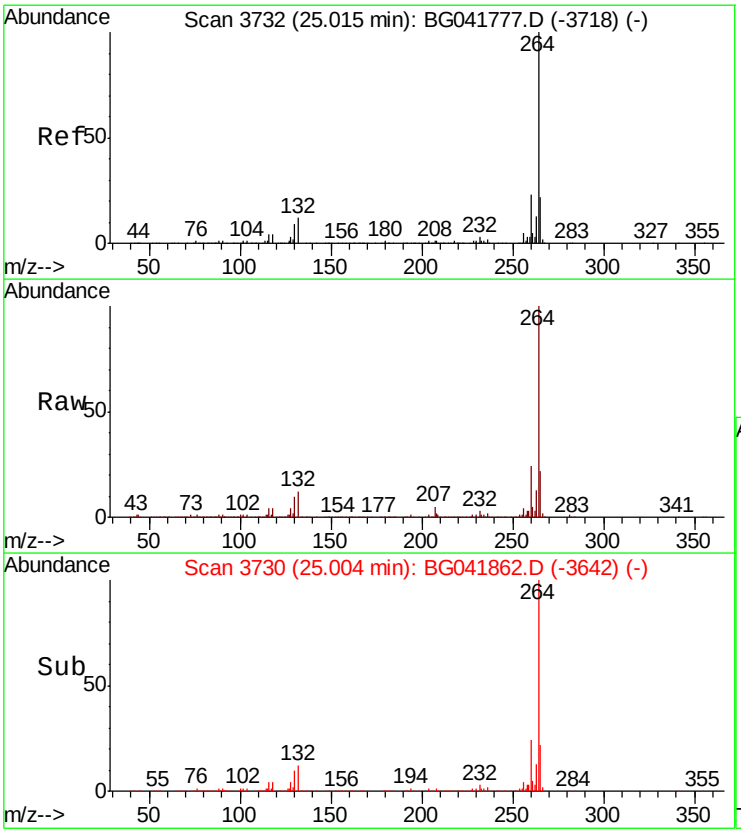
#79
Terphenyl-d14
Concen: 88.339 ng
RT: 20.06 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG041862.D
Acq: 1 Aug 2019 14:16

Instrument :
BNA_F
ClientSampleId :
TP-8-A

Tgt Ion:244 Resp: 2561430

Ion	Ratio	Lower	Upper
244	100		
212	11.2	9.7	14.5
122	12.3	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: BG041862.D
Acq: 1 Aug 2019 14:16

Tgt Ion:264 Resp: 763678

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.7	18.0	27.0