Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073119\
Data File : BG041849.D
Acq On : 1 Aug 2019 1:14
Operator : HP/JU
Sample : K4044-10RX
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DFTPP

Quant Time: Aug 01 04:02:39 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	34065	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	151585	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	136033	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	500329	20.00	ng		0.00
76) Chrysene-d12	21.73	240	723037	20.00	ng		0.00
87) Perylene-d12	25.00	264	754685	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	274330	156.68	ng		0.00
7) Phenol-d6	7.19	99	364292	154.33	ng		0.00
23) Nitrobenzene-d5	9.20	82	247820	112.50	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	353579	228.83	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	714396	92.62	ng		0.00
79) Terphenyl-d14	20.06	244	2786952	88.20	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	31637	18.461	ng	#	70
37) 2-Methylnaphthalene	12.53	142	12012	2.187	ng		94
38) 1-Methylnaphthalene	12.53	142	12012	2.308	ng		89
51) 2,6-Dinitrotoluene	14.69	165	18191	9.364	ng	#	25
57) 2,4-Dinitrotoluene	14.69	165	18191	6.809	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.18	198	974	7.193	ng	#	19
67) 4-Bromophenyl-phenylether	16.18	248	26099	4.235	ng	#	1
77) Benzidine	20.06	184	51728	2.192	ng	#	95

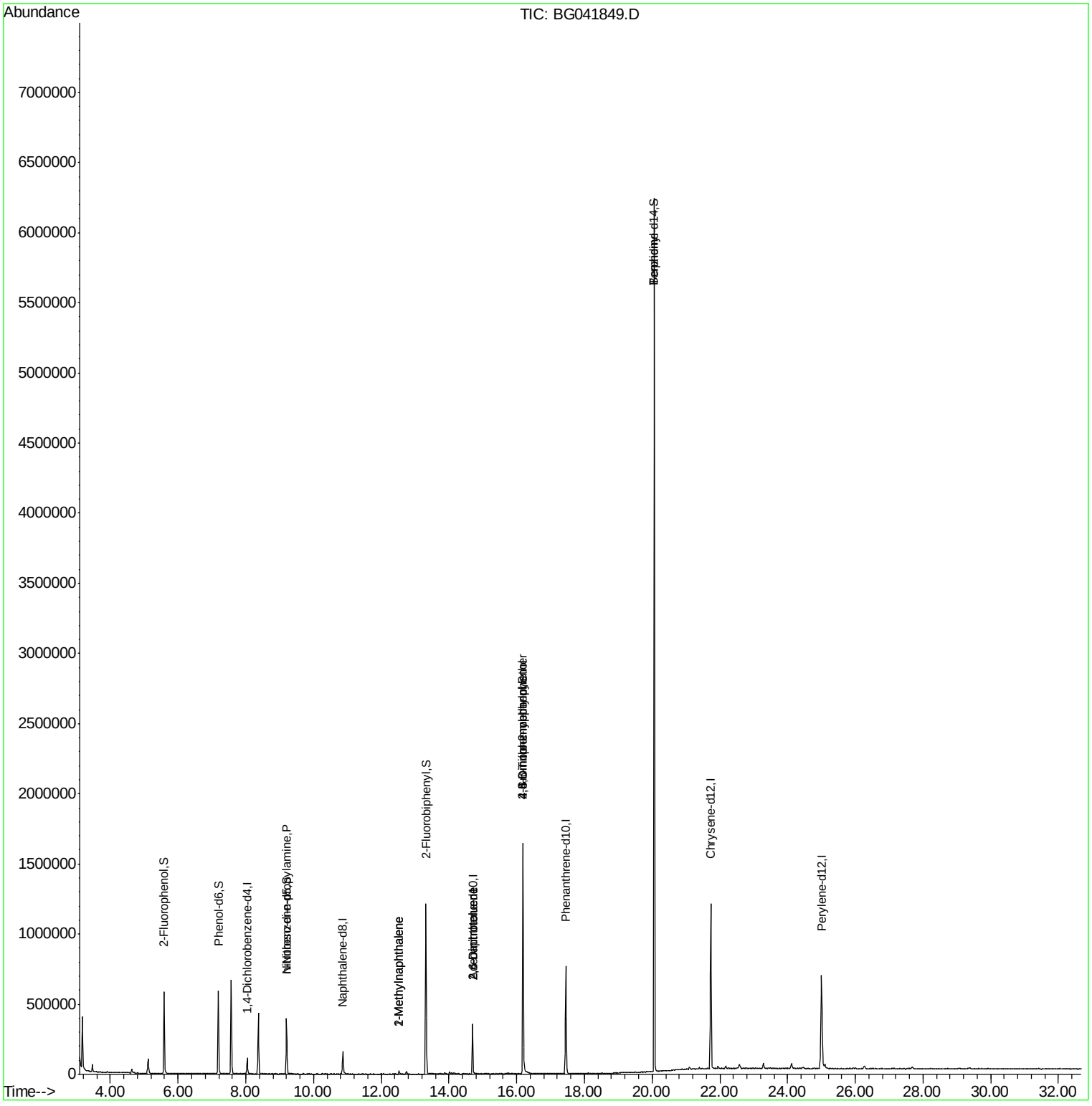
(#) = qualifier out of range (m) = manual integration (+) = signals summed

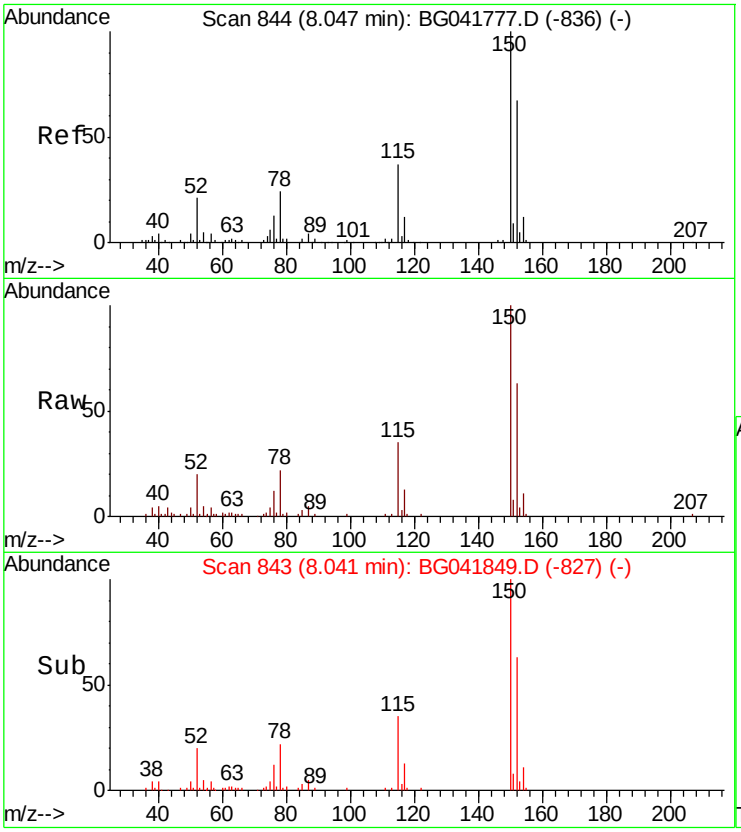
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073119\
Data File : BG041849.D
Acq On : 1 Aug 2019 1:14
Operator : HP/JU
Sample : K4044-10RX
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Aug 01 04:02:39 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



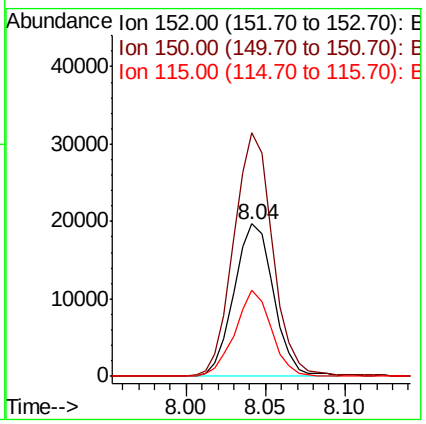


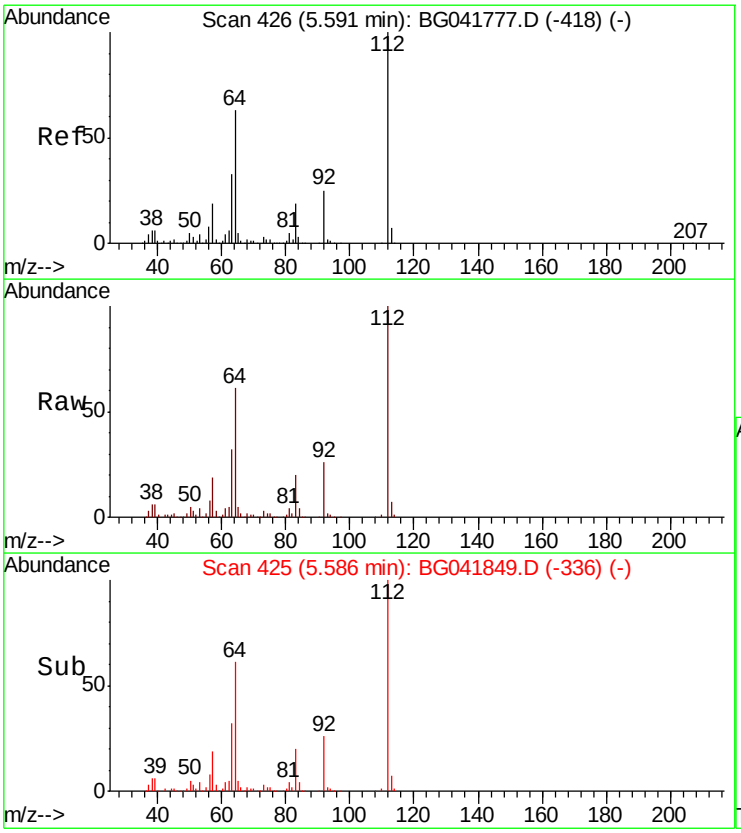
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 34065

Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.9	190.3
115	56.5	45.0	67.6

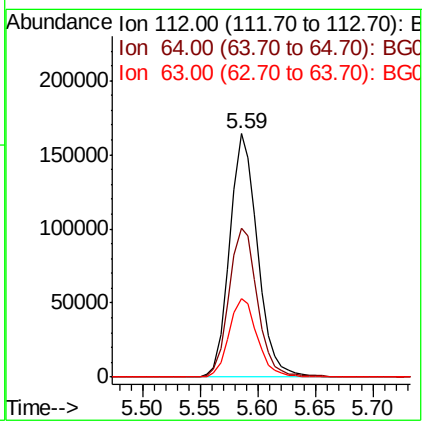


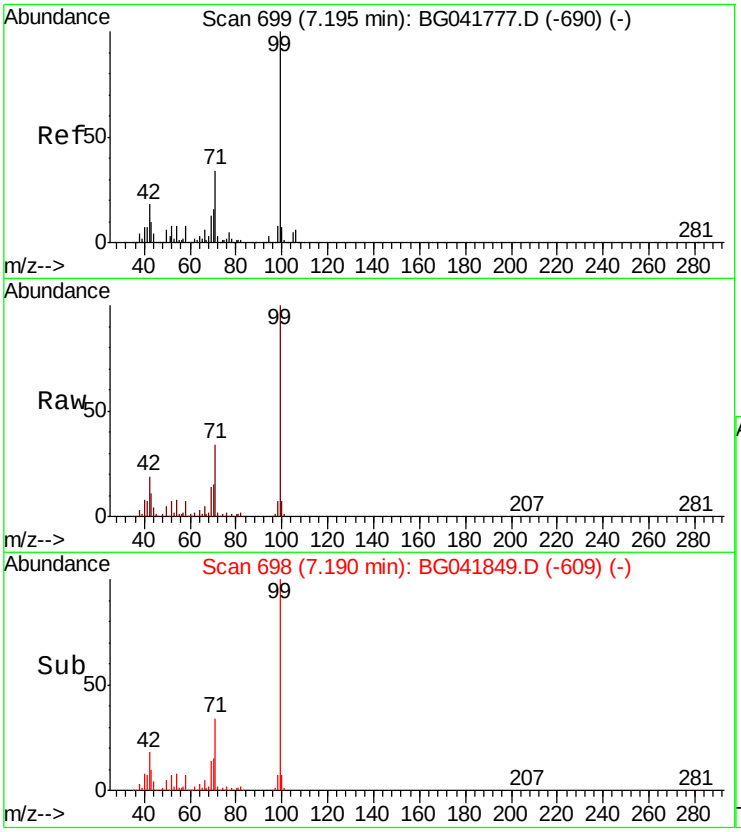


#5
2-Fluorophenol
Concen: 156.683 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Tgt Ion:112 Resp: 274330

Ion	Ratio	Lower	Upper
112	100		
64	61.1	55.4	83.2
63	32.3	29.1	43.7



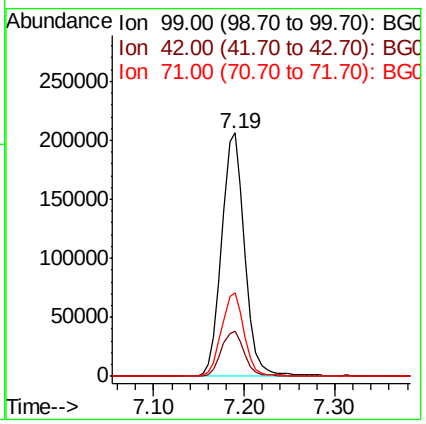


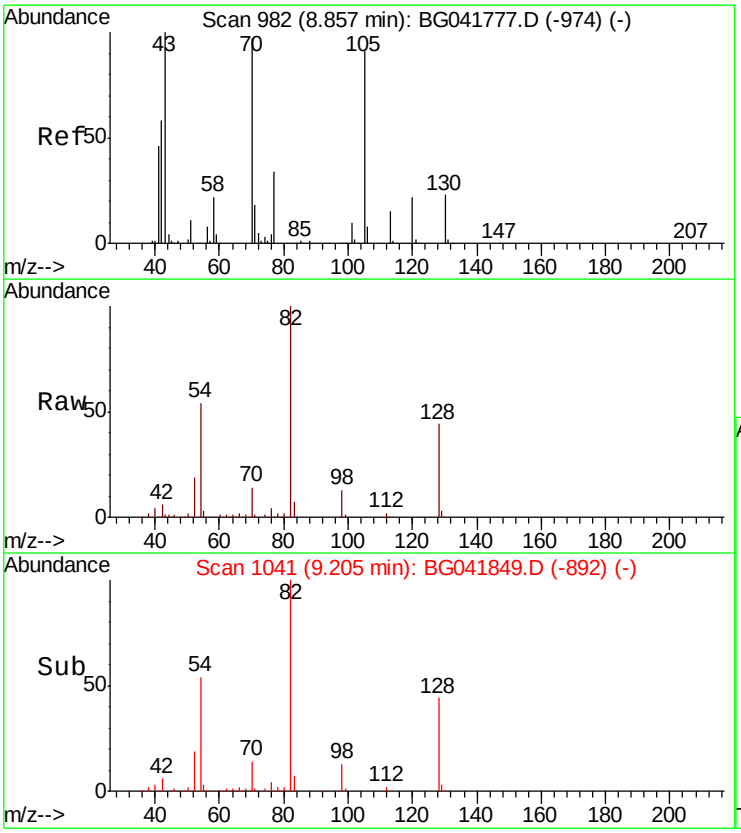
#7
Phenol-d6
Concen: 154.333 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion: 99 Resp: 364292

Ion	Ratio	Lower	Upper
99	100		
42	18.6	17.6	26.4
71	34.1	27.8	41.6

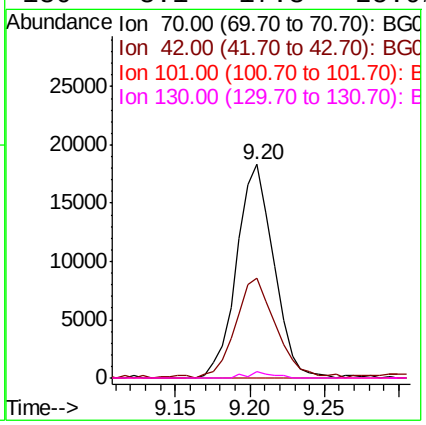


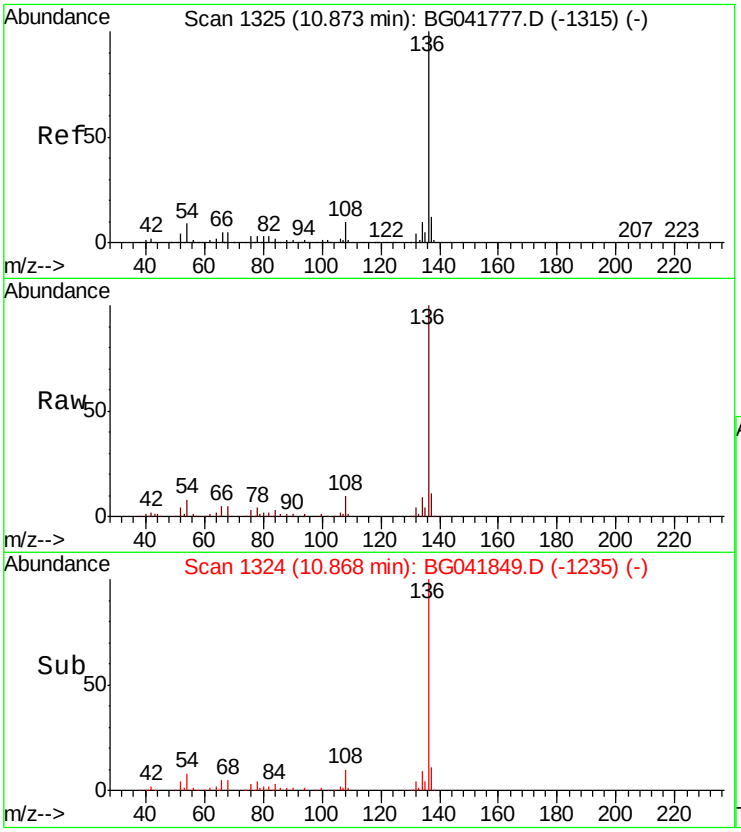


#19
n-Nitroso-di-n-propylamine
Concen: 18.461 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.35 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Tgt Ion: 70 Resp: 31637

Ion	Ratio	Lower	Upper
70	100		
42	46.5	55.8	83.6#
101	0.0	8.1	12.1#
130	3.1	17.3	25.9#



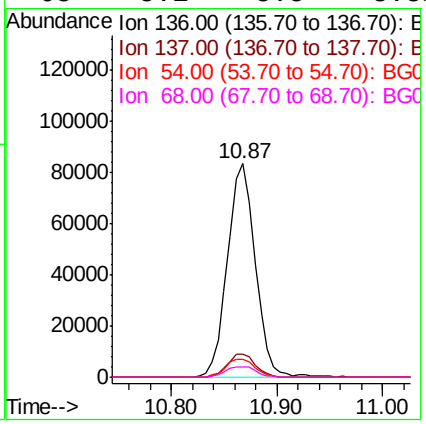


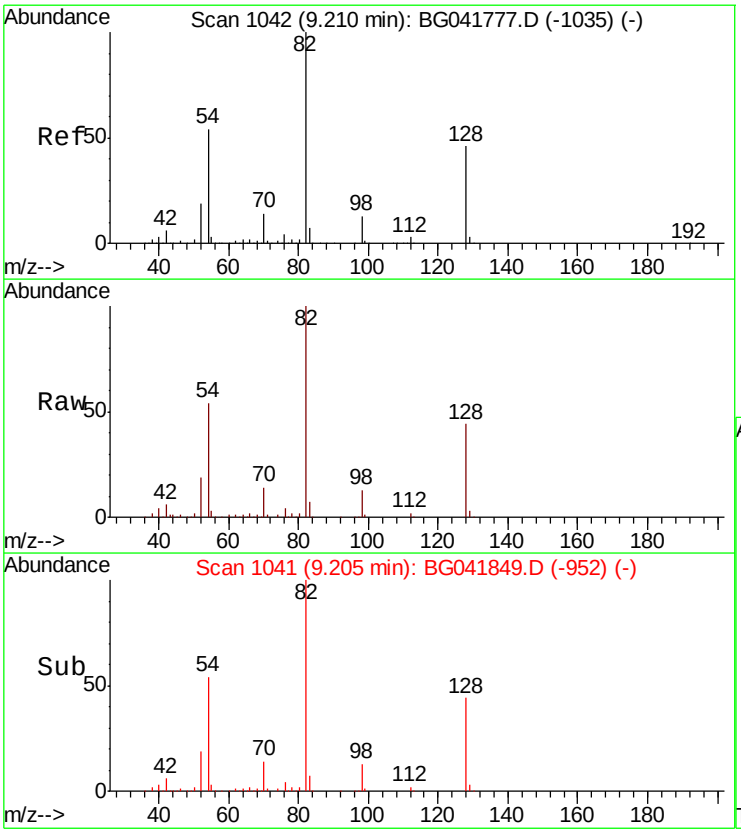
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:136 Resp: 151585

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.2	8.7	13.1#
68	5.1	5.5	8.3#

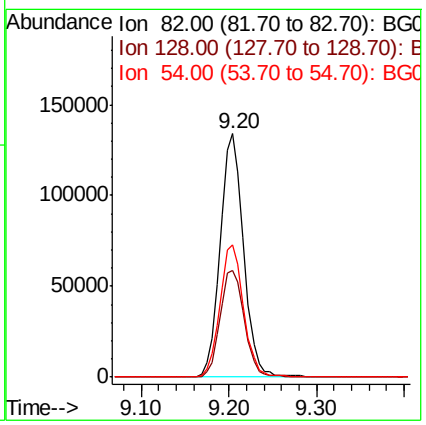


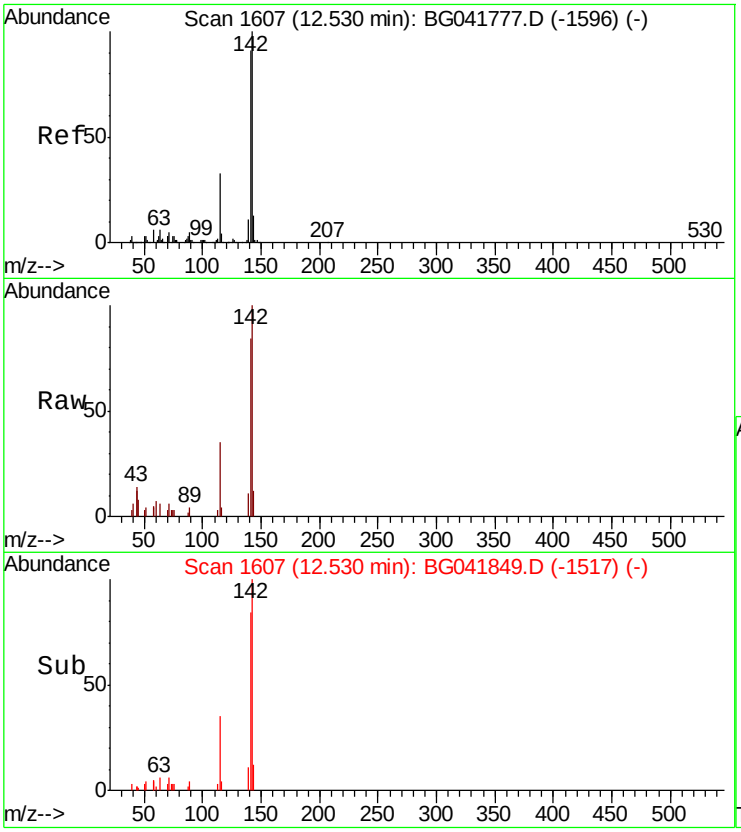


#23
Nitrobenzene-d5
Concen: 112.505 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Tgt Ion: 82 Resp: 247820

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.1	52.7
54	54.2	48.7	73.1



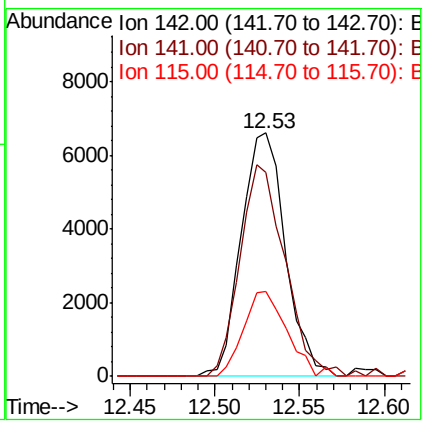


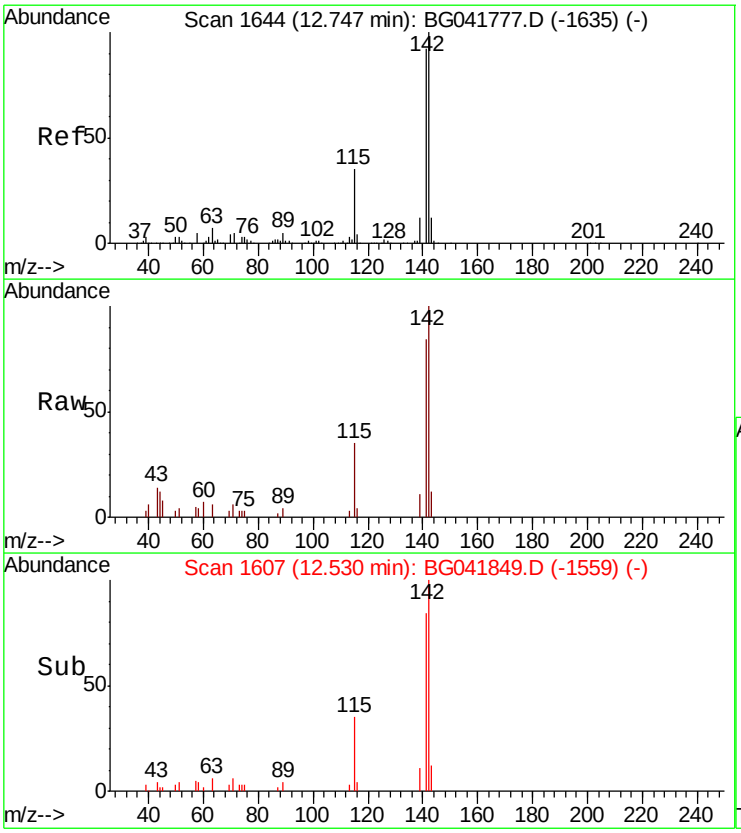
#37
2-Methylnaphthalene
Concen: 2.187 ng
RT: 12.53 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:142 Resp: 12012

Ion	Ratio	Lower	Upper
142	100		
141	83.7	72.7	109.1
115	34.8	27.0	40.4

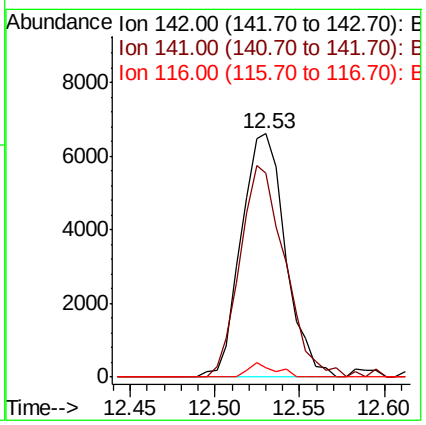


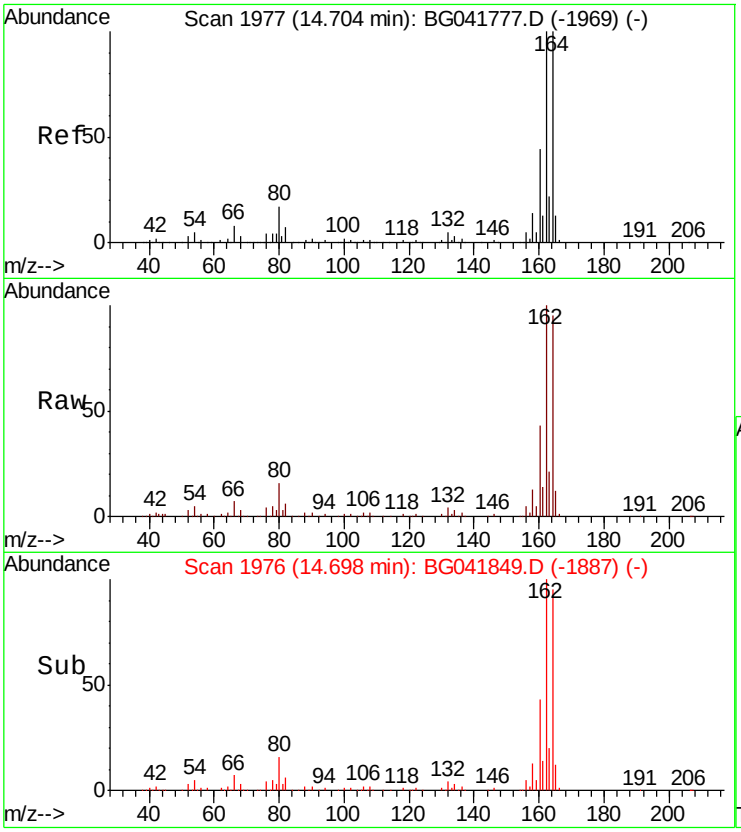


#38
1-Methylnaphthalene
Concen: 2.308 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.22 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Tgt Ion:142 Resp: 12012

Ion	Ratio	Lower	Upper
142	100		
141	83.7	75.4	113.2
116	4.1	3.2	4.8



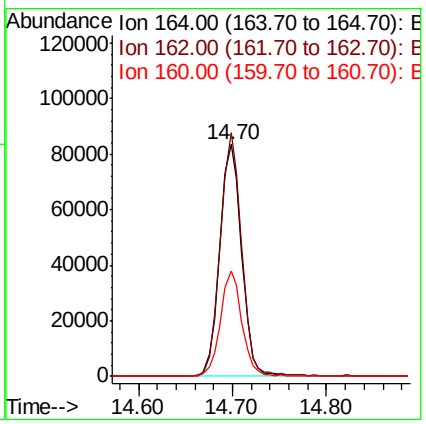


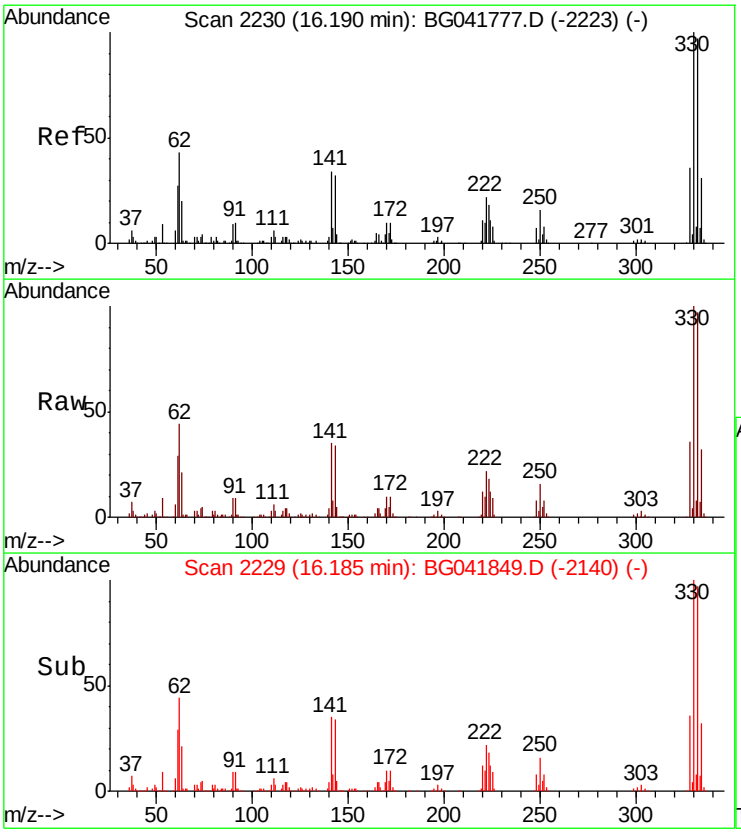
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:164 Resp: 136033

Ion	Ratio	Lower	Upper
164	100		
162	105.1	79.6	119.4
160	45.2	35.4	53.0

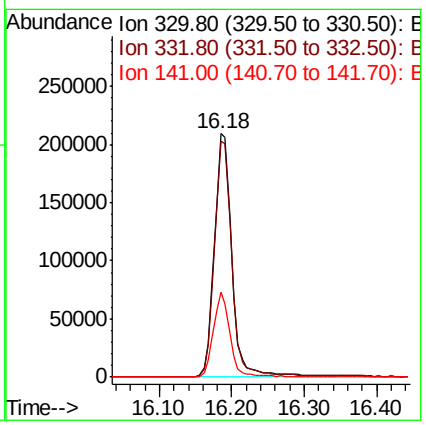


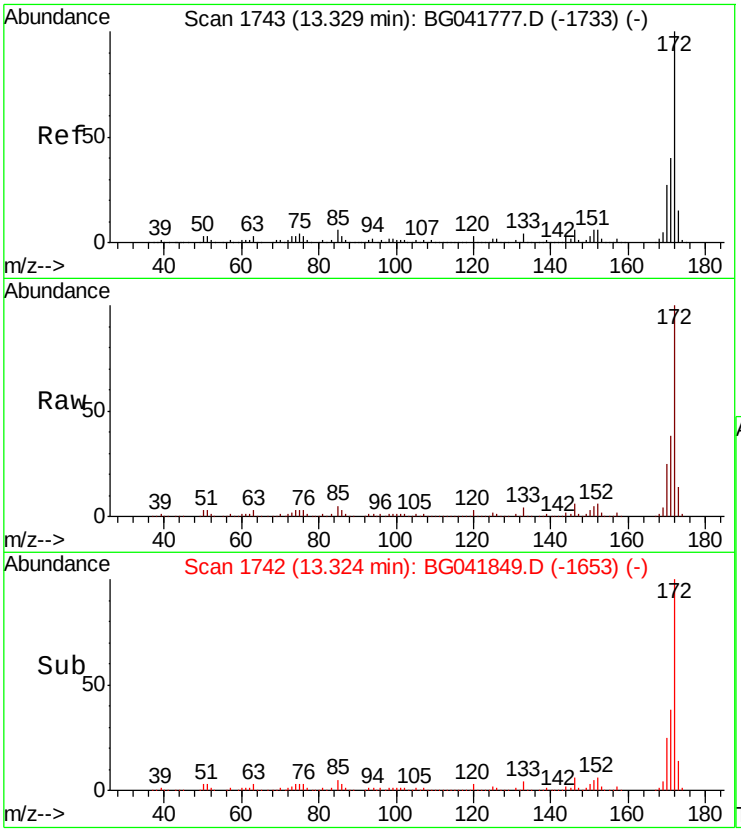


#42
2,4,6-Tribromophenol
Concen: 228.832 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Tgt Ion:330 Resp: 353579

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.0
141	32.6	31.9	47.9



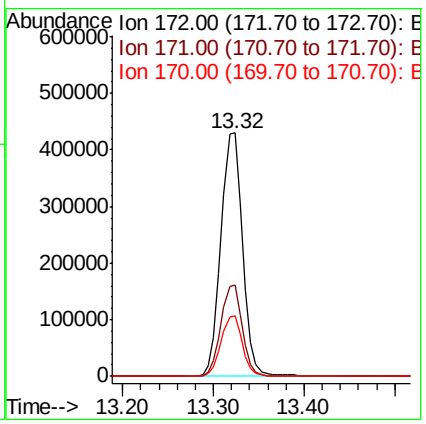


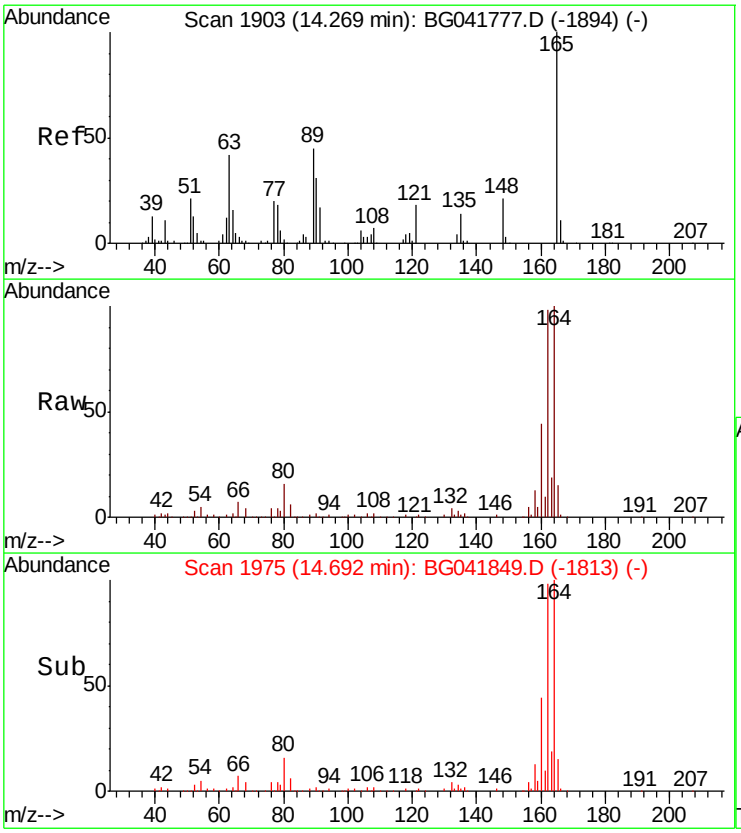
#45
2-Fluorobiphenyl
Concen: 92.624 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:172 Resp: 714396

Ion	Ratio	Lower	Upper
172	100		
171	37.6	35.0	52.4
170	24.7	23.5	35.3

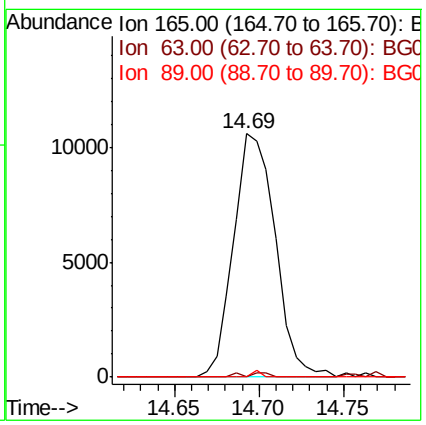


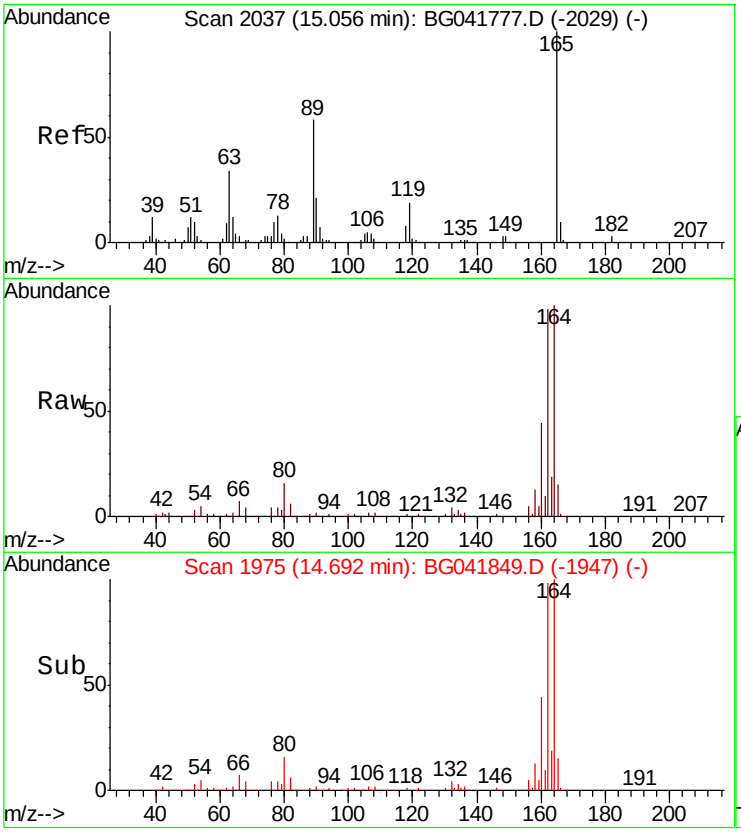


#51
2,6-Dinitrotoluene
Concen: 9.364 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.42 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Tgt Ion:165 Resp: 18191

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



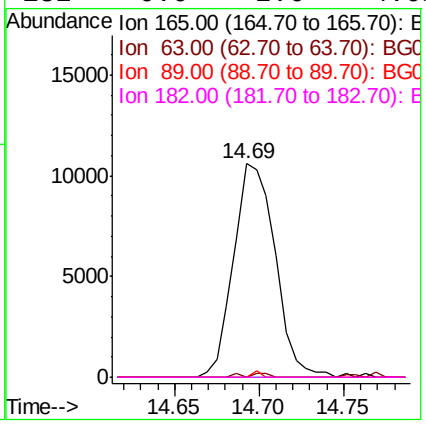


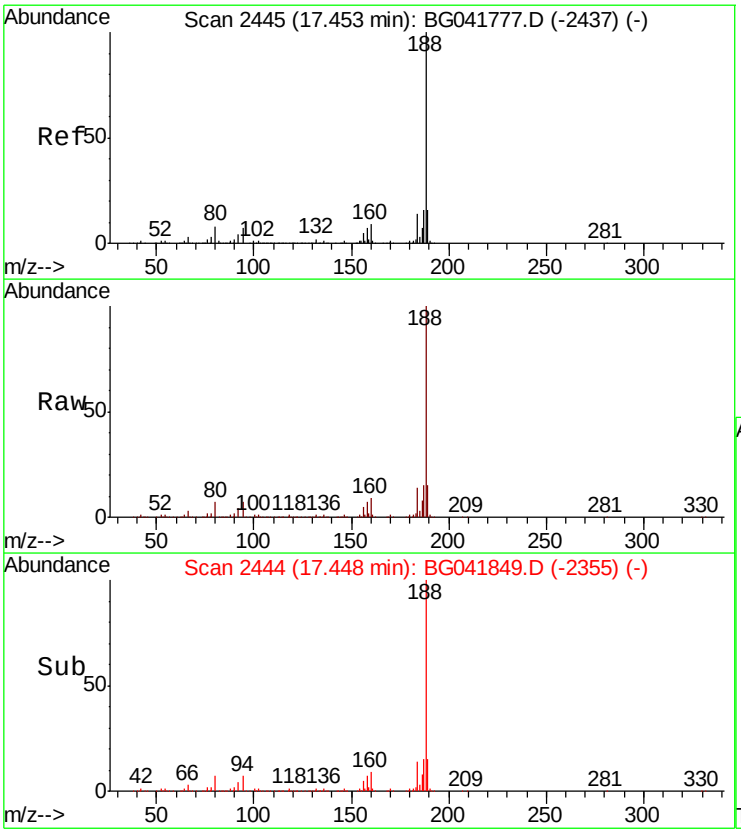
#57
2,4-Dinitrotoluene
Concen: 6.809 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.36 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:165 Resp: 18191

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

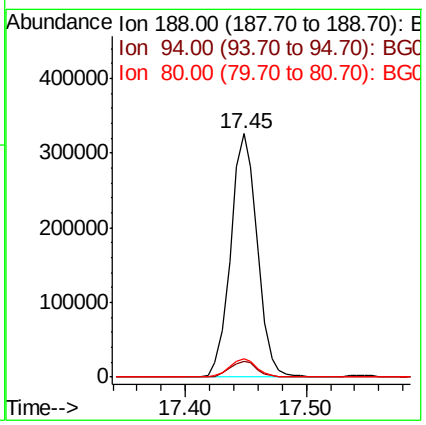


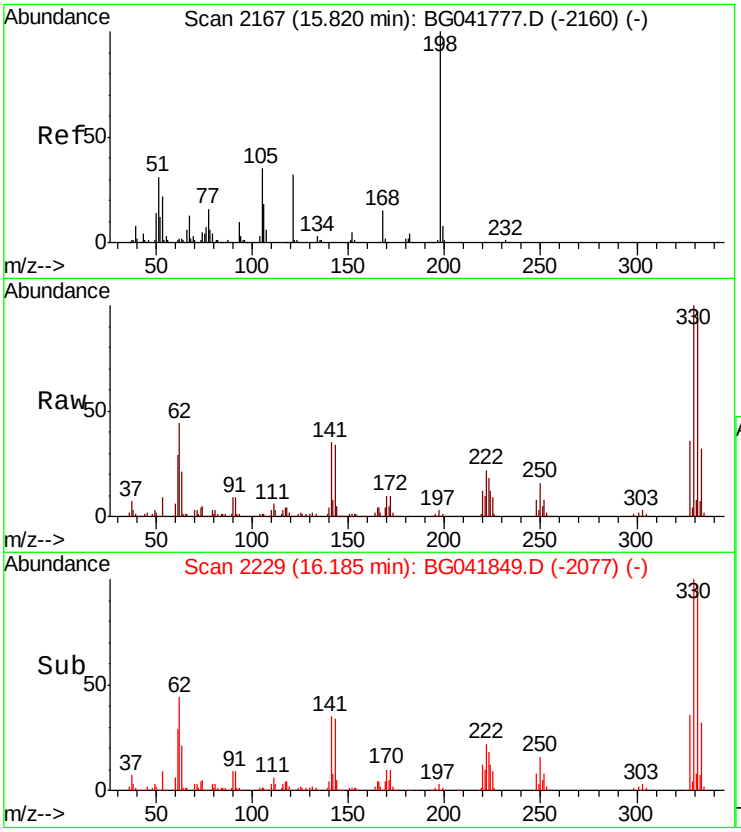


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Tgt Ion:188 Resp: 500329

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



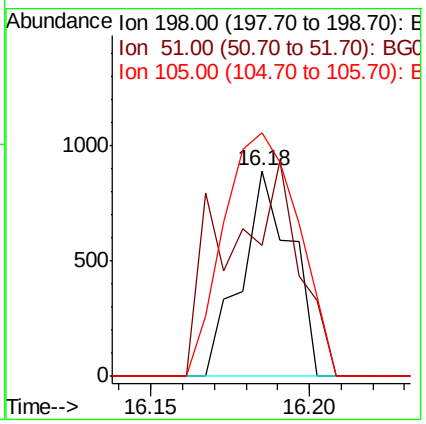


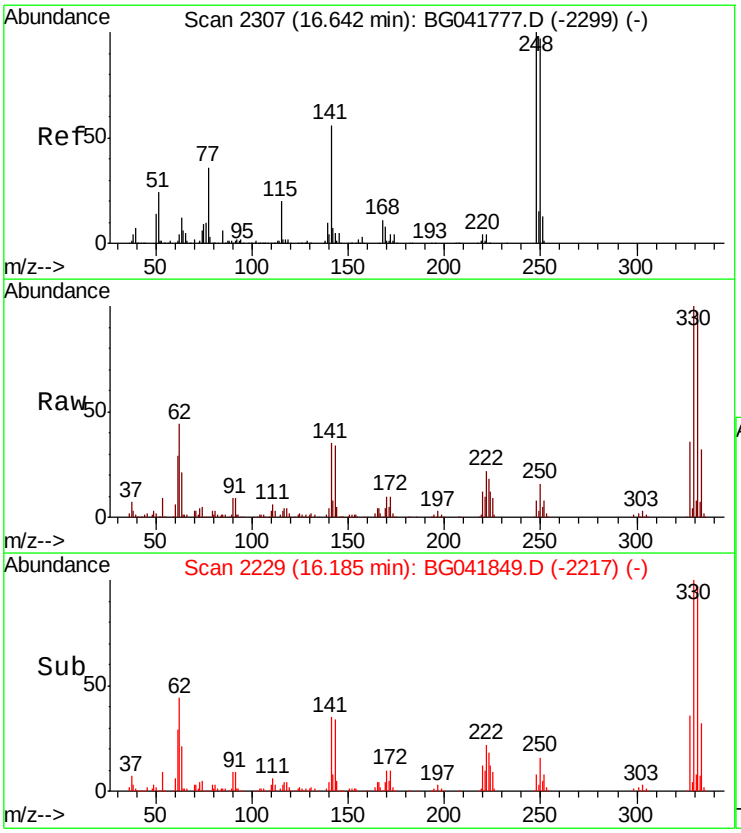
#65
4,6-Dinitro-2-methylphenol
Concen: 7.193 ng
RT: 16.18 min Scan# 2229
Delta R.T. 0.37 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:198 Resp: 974

Ion	Ratio	Lower	Upper
198	100		
51	63.8	22.3	62.3#
105	118.5	18.0	58.0#

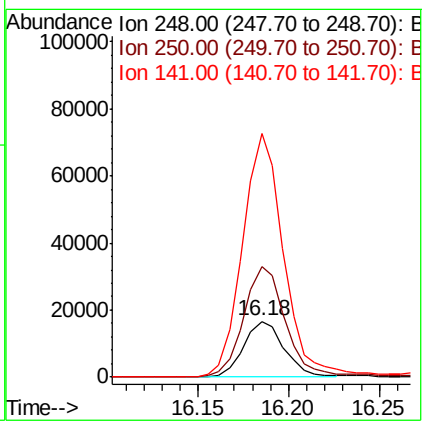


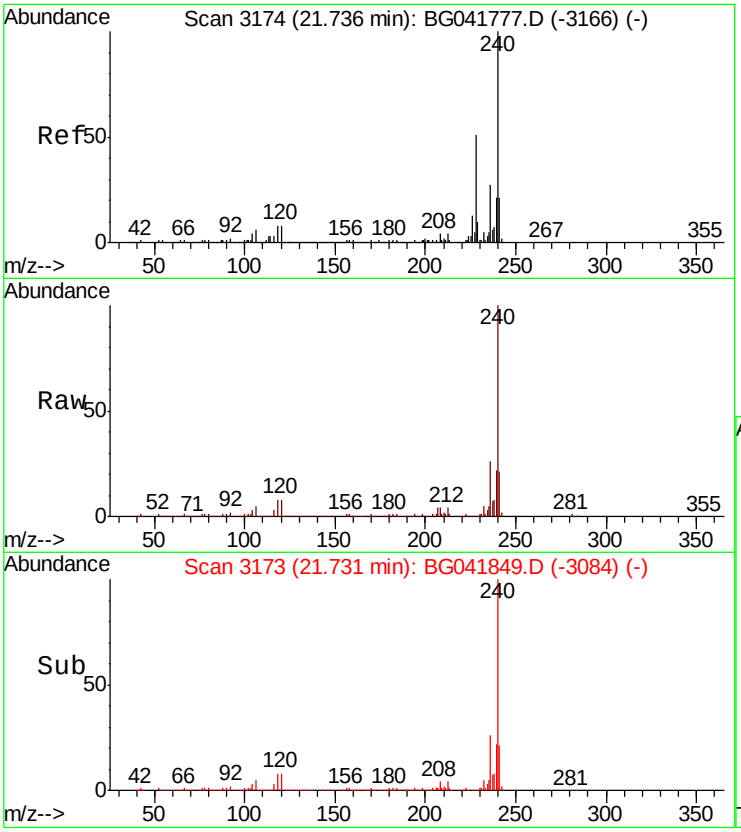


#67
4-Bromophenyl-phenylether
Concen: 4.235 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.46 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Tgt Ion:248 Resp: 26099

Ion	Ratio	Lower	Upper
248	100		
250	198.1	78.1	117.1#
141	436.0	49.6	74.4#



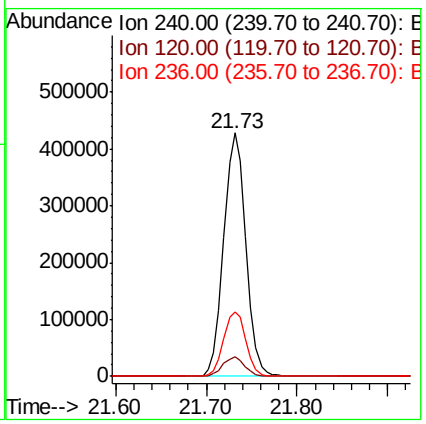


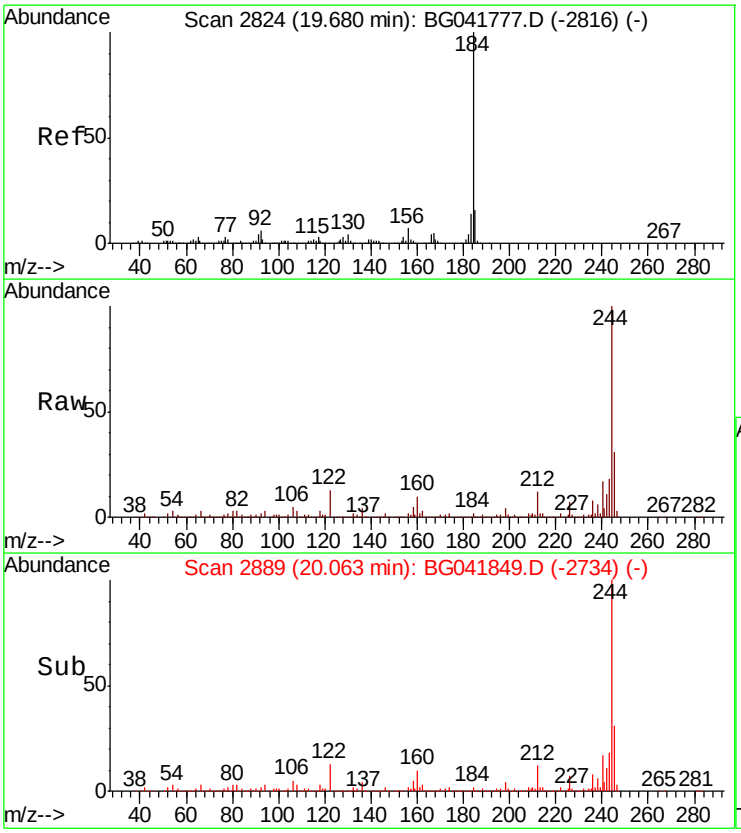
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:240 Resp: 723037

Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.0	12.0#
236	26.5	22.6	33.8

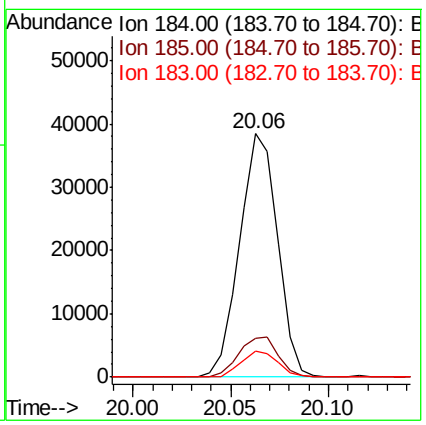


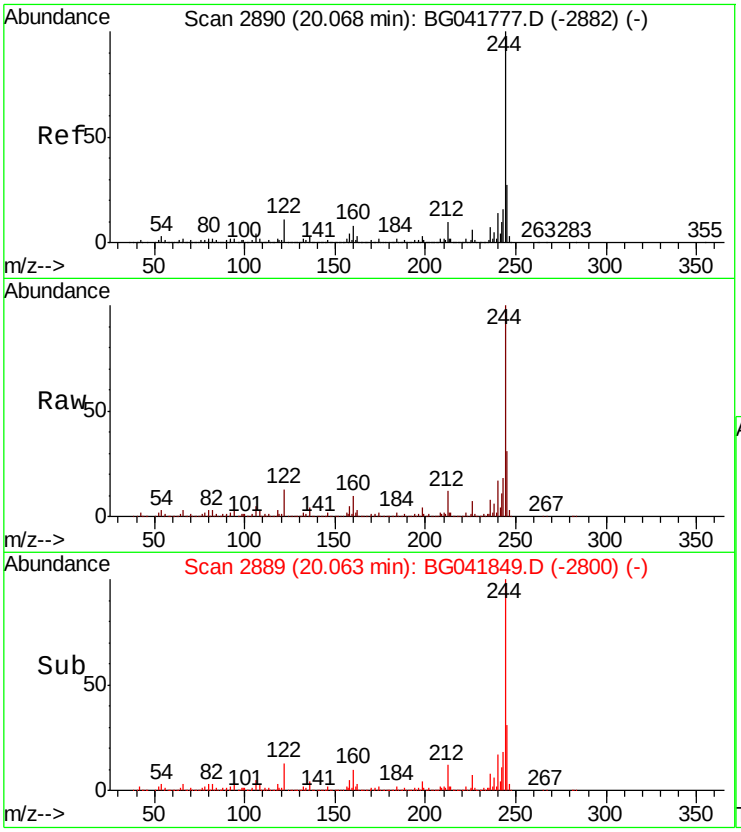


#77
Benzidine
Concen: 2.192 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.38 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Tgt Ion:184 Resp: 51728

Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.0	19.4
183	10.5	11.8	17.6#



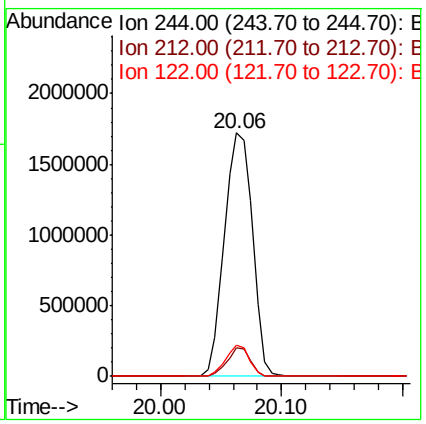


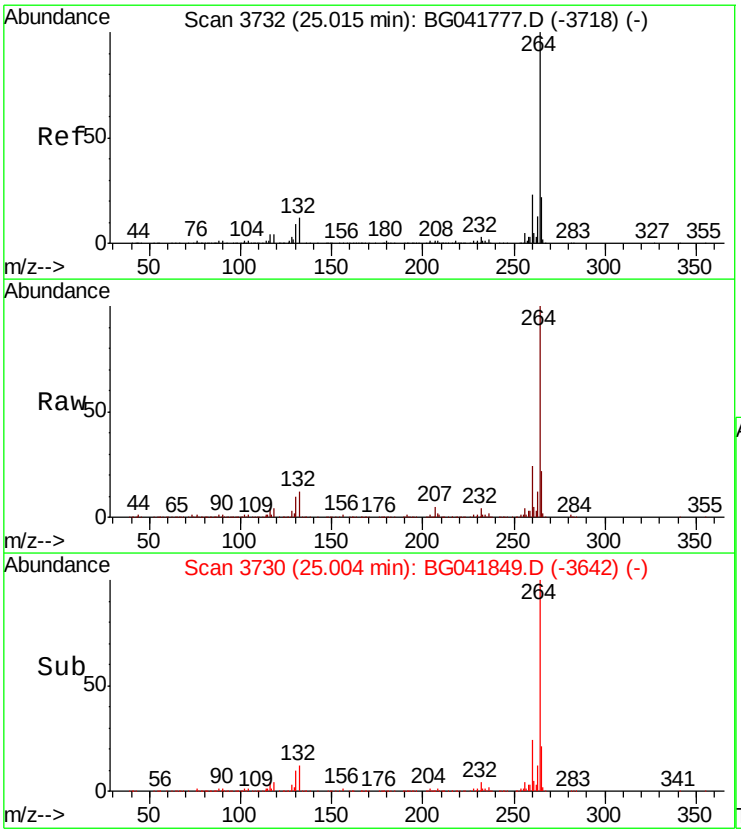
#79
Terphenyl-d14
Concen: 88.201 ng
RT: 20.06 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG041849.D
Acq: 1 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:244 Resp: 2786952

Ion	Ratio	Lower	Upper
244	100		
212	11.6	9.7	14.5
122	13.0	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: BG041849.D
Acq: 1 Aug 2019 1:14

Tgt Ion:264 Resp: 754685

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	18.0	27.0