Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
Data File : BG041855.D
Acq On : 1 Aug 2019 9:48
Operator : HP/JU
Sample : K4048-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C8-GW

Quant Time: Aug 01 14:11:02 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	8.05	152	96746	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	367320	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	267547	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	597568	20.00	ng		0.00
76) Chrysene-d12	21.74	240	632239	20.00	ng		0.00
87) Perylene-d12	25.01	264	725279	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	265582	53.41	ng		0.00
7) Phenol-d6	7.19	99	231282	34.50	ng		0.00
23) Nitrobenzene-d5	9.21	82	502540	94.15	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	400554	131.81	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1332251	87.82	ng		0.00
79) Terphenyl-d14	20.07	244	2024276	73.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	15768	6.737	ng	#	1
10) Phenol	7.22	94	15176	2.176	ng		84
19) n-Nitroso-di-n-propylamine	9.21	70	68021	13.976	ng	#	69
32) Benzoic acid	10.16	122	129	8.760	ng	#	42
50) Dimethylphthalate	14.15	163	196531	10.756	ng		99
53) 3-Nitroaniline	15.01	138	26188	6.407	ng	#	7
54) 2,4-Dinitrophenol	15.01	184	796	3.733	ng	#	16
57) 2,4-Dinitrotoluene	14.70	165	34735	6.611	ng	#	30
65) 4,6-Dinitro-2-methylphenol	16.19	198	1282	7.228	ng	#	1
67) 4-Bromophenyl-phenylether	16.19	248	30070	4.085	ng	#	1
74) Di-n-butylphthalate	18.40	149	71724	2.467	ng	#	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	570793	28.812	ng		95

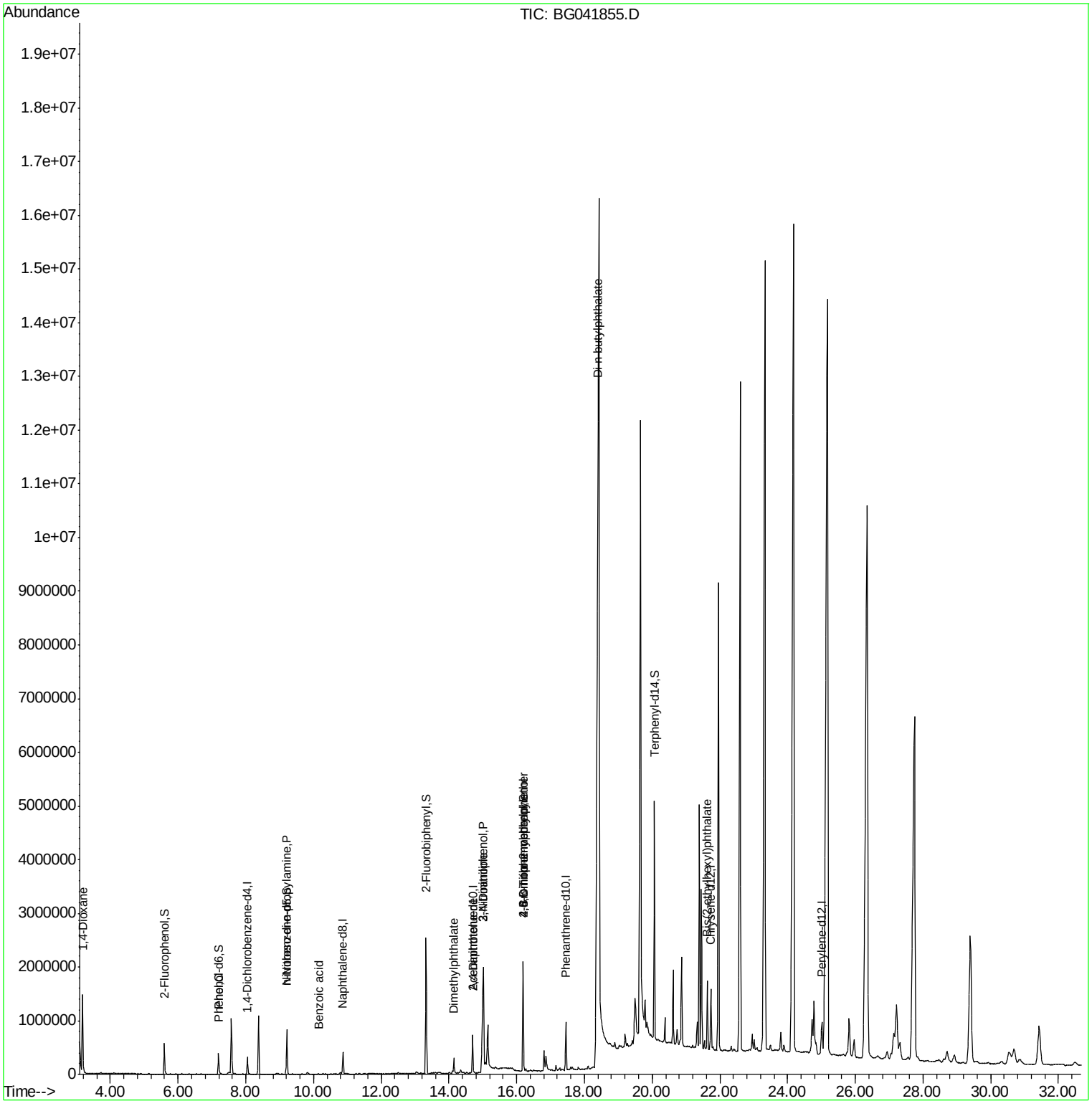
(#) = qualifier out of range (m) = manual integration (+) = signals summed

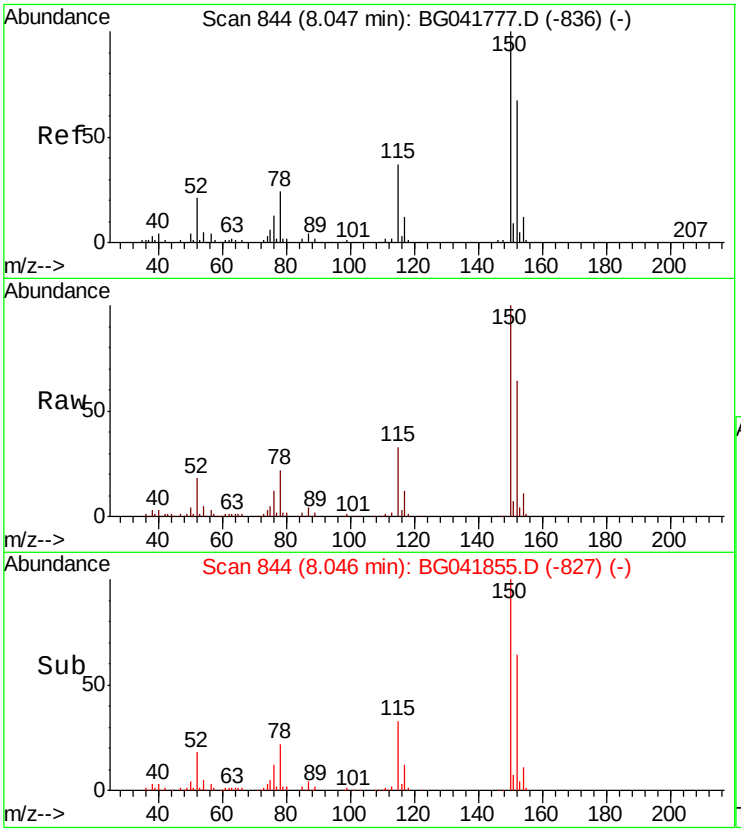
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
Data File : BG041855.D
Acq On : 1 Aug 2019 9:48
Operator : HP/JU
Sample : K4048-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

Quant Time: Aug 01 14:11:02 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



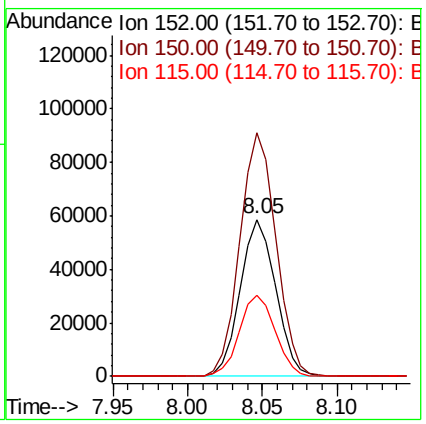


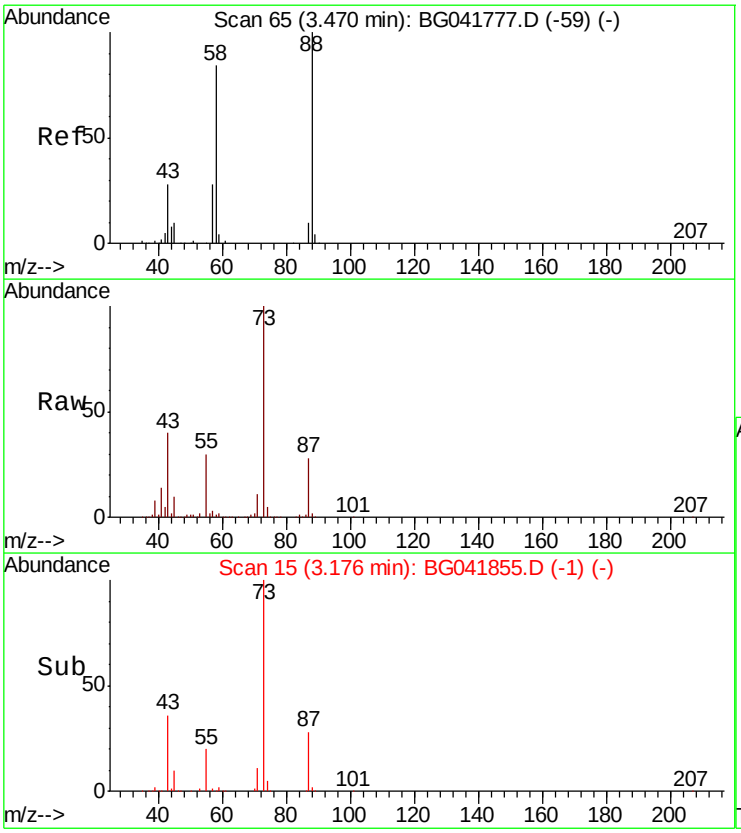
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

Tgt Ion:152 Resp: 96746

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.9	190.3
115	51.5	45.0	67.6

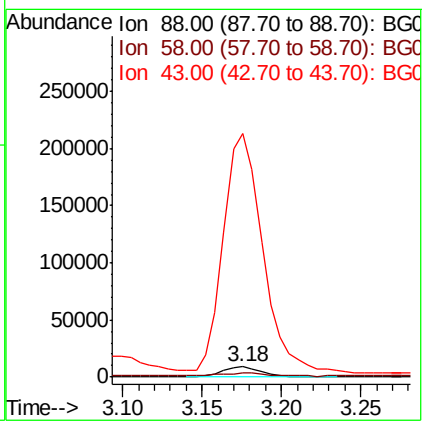


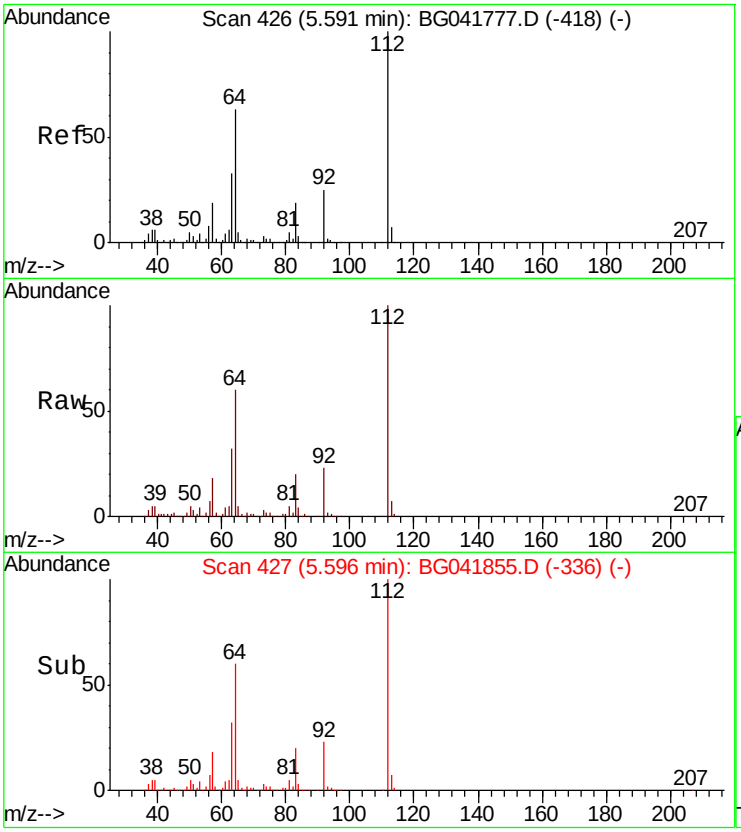


#2
1,4-Dioxane
Concen: 6.737 ng
RT: 3.18 min Scan# 15
Delta R.T. -0.29 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion: 88 Resp: 15768

Ion	Ratio	Lower	Upper
88	100		
58	37.5	76.2	114.2#
43	2321.1	27.2	40.8#



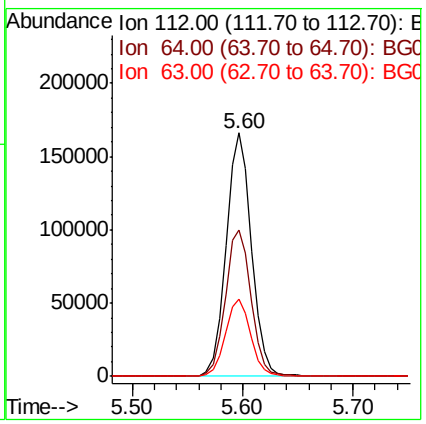


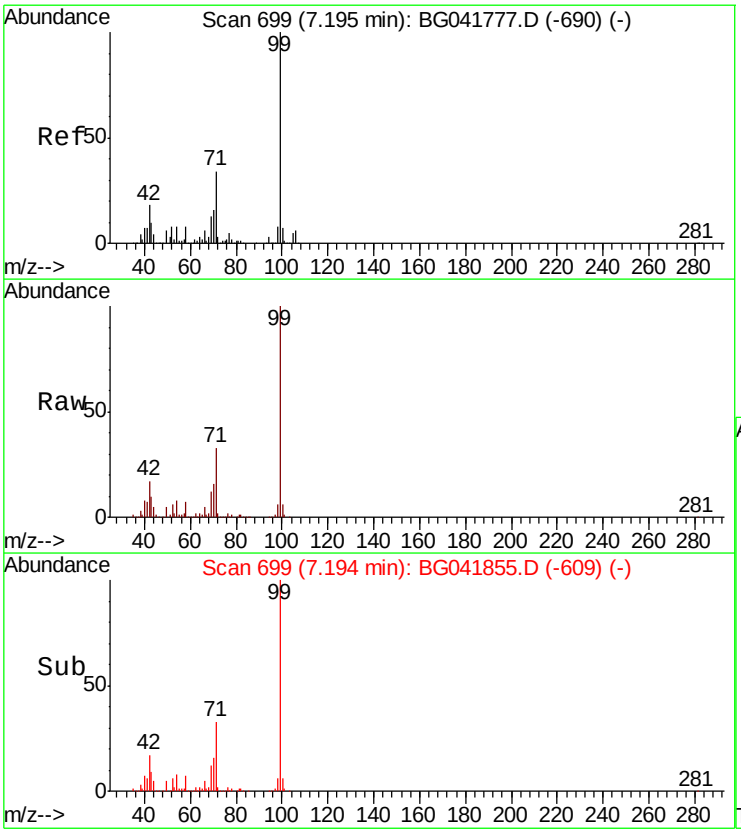
#5
2-Fluorophenol
Concen: 53.410 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

Tgt Ion:112 Resp: 265582

Ion	Ratio	Lower	Upper
112	100		
64	60.3	55.4	83.2
63	31.6	29.1	43.7

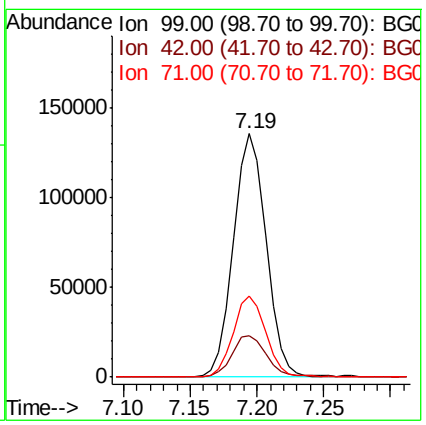


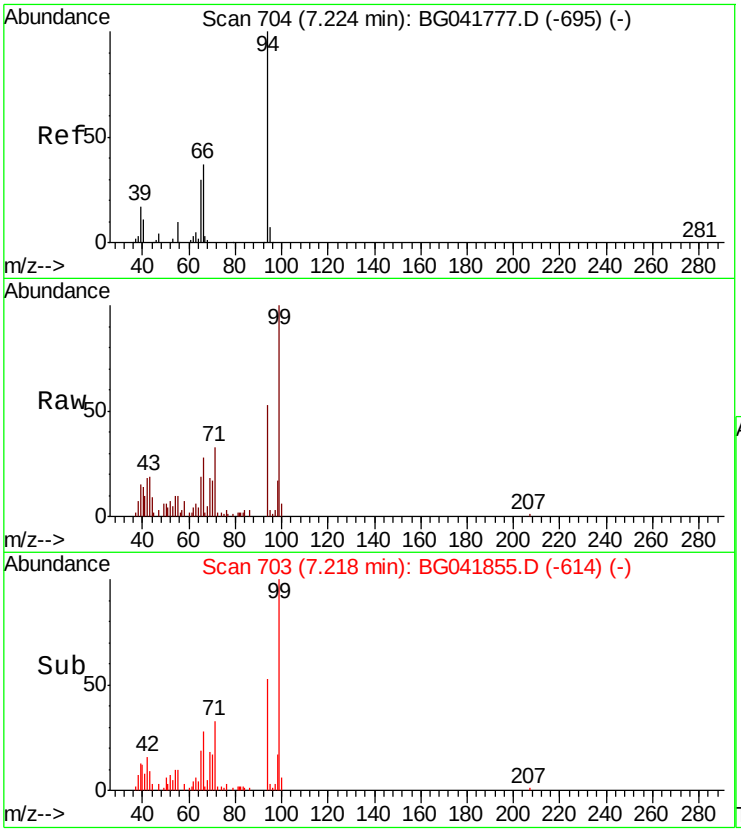


#7
Phenol-d6
Concen: 34.500 ng
RT: 7.19 min Scan# 699
Delta R.T. -0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion: 99 Resp: 231282

Ion	Ratio	Lower	Upper
99	100		
42	16.9	17.6	26.4#
71	33.3	27.8	41.6



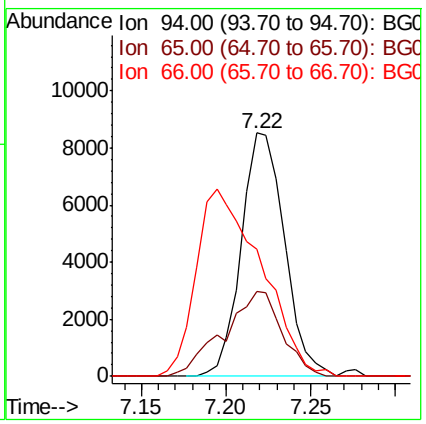


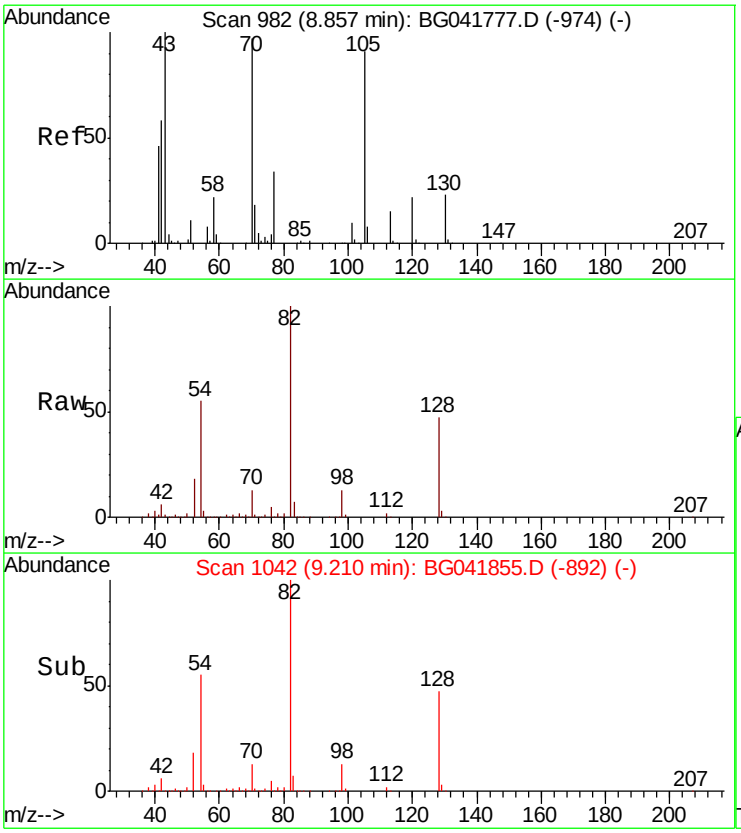
#10
Phenol
Concen: 2.176 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.01 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

Tgt Ion: 94 Resp: 15176

Ion	Ratio	Lower	Upper
94	100		
65	35.0	10.6	50.6
66	52.2	18.2	58.2

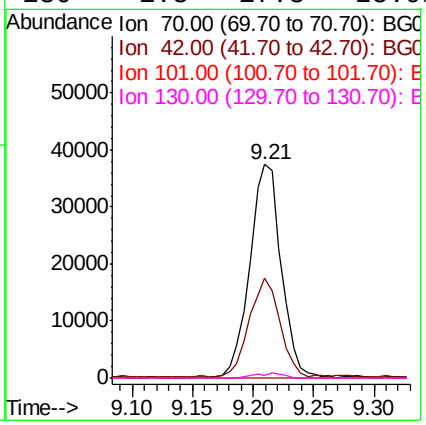


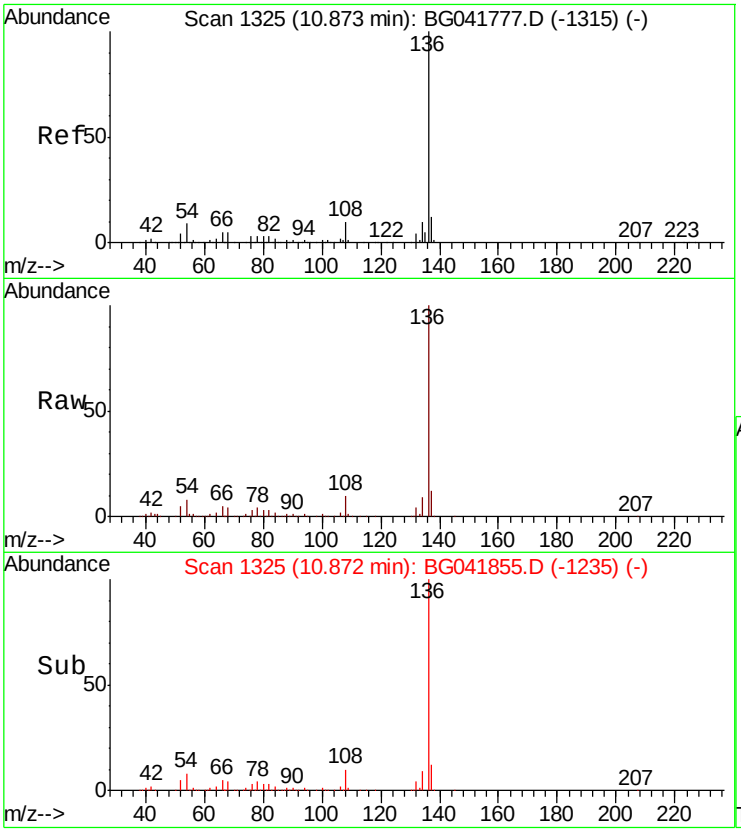


#19
n-Nitroso-di-n-propylamine
Concen: 13.976 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion: 70 Resp: 68021

Ion	Ratio	Lower	Upper
70	100		
42	47.0	55.8	83.6#
101	0.0	8.1	12.1#
130	1.3	17.3	25.9#



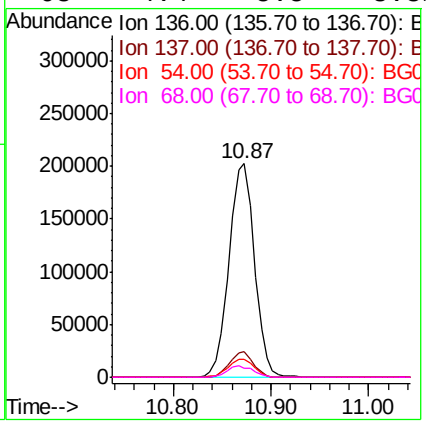


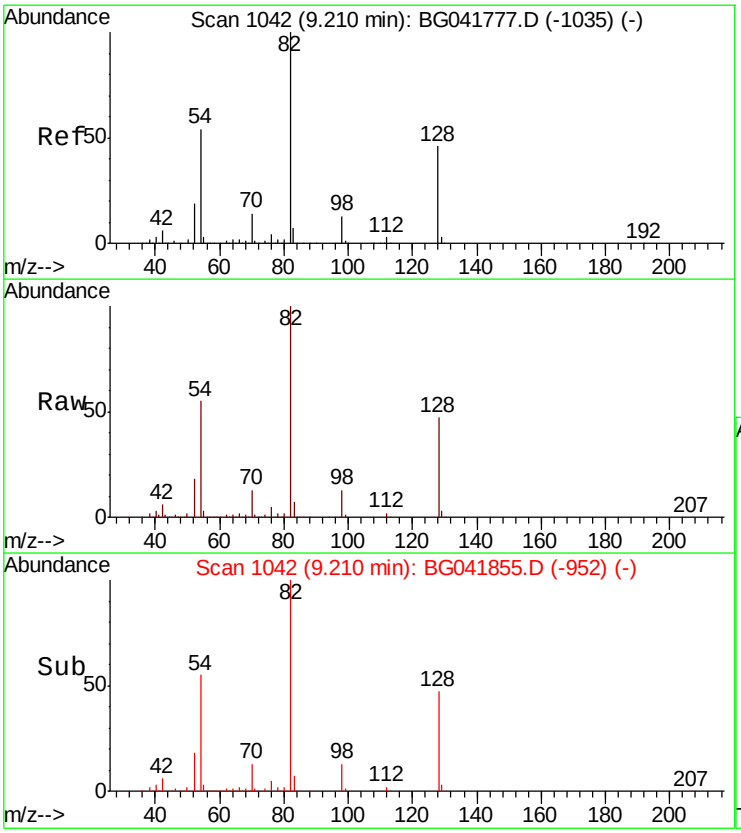
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

Tgt Ion:136 Resp: 367320

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	8.5	8.7	13.1#
68	4.4	5.5	8.3#

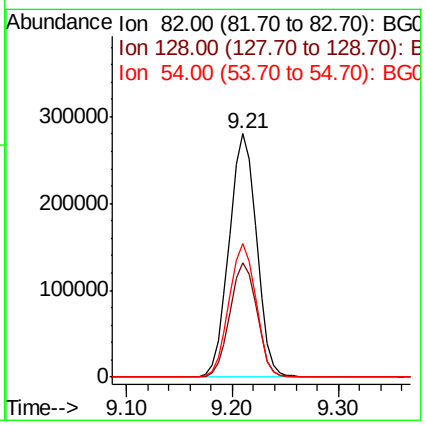


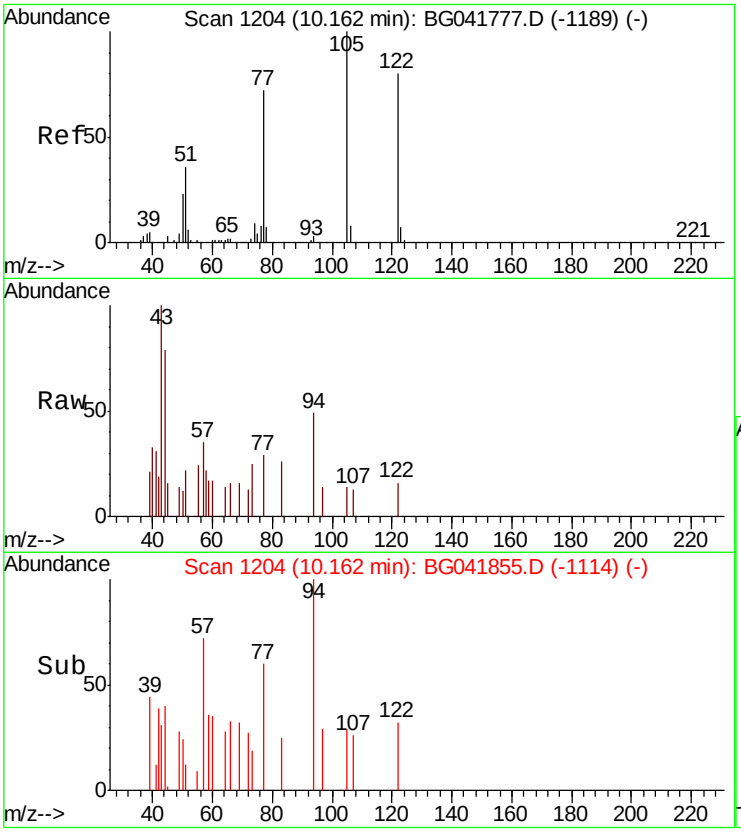


#23
Nitrobenzene-d5
Concen: 94.149 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion: 82 Resp: 502540

Ion	Ratio	Lower	Upper
82	100		
128	46.7	35.1	52.7
54	54.6	48.7	73.1



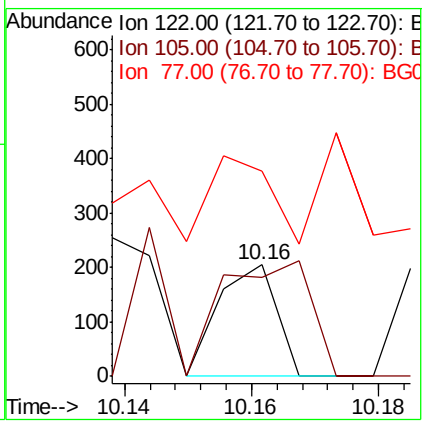


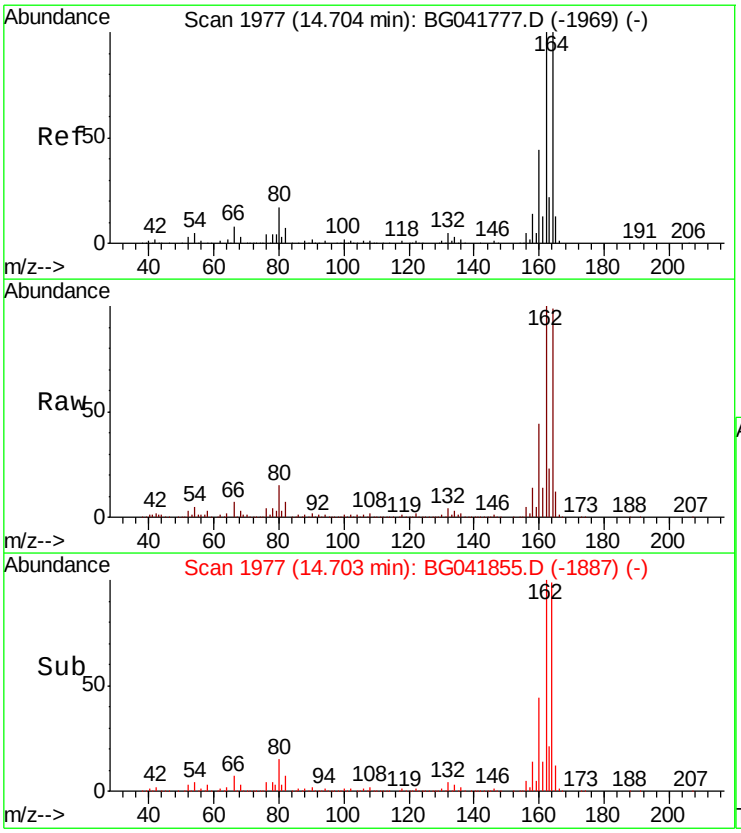
#32
Benzoic acid
Concen: 8.760 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

Tgt Ion:122 Resp: 129

Ion	Ratio	Lower	Upper
122	100		
105	88.3	101.5	141.5#
77	183.9	73.0	113.0#

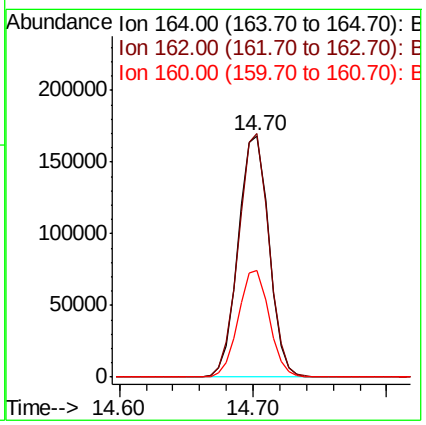


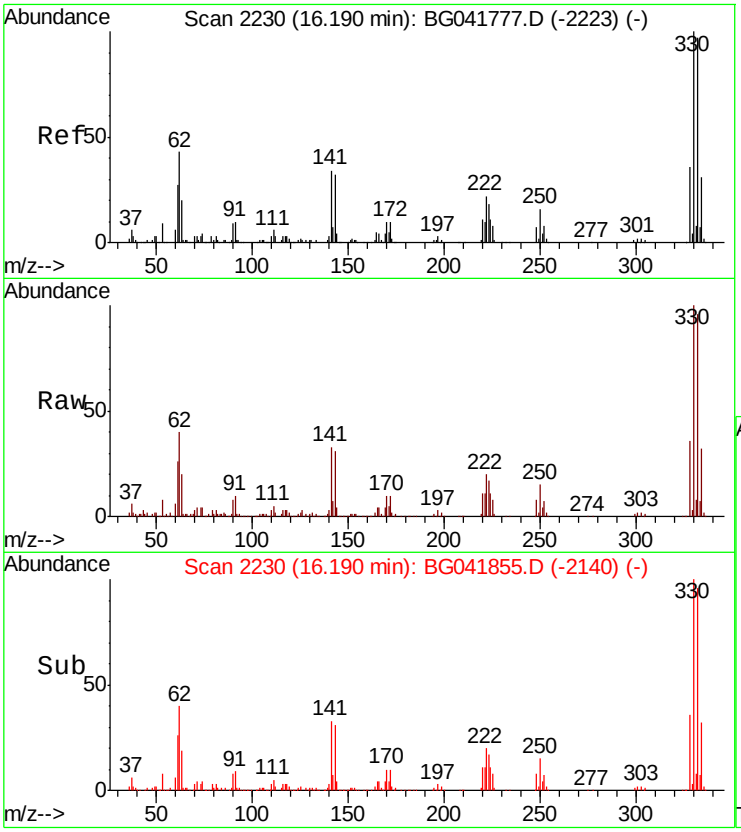


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion:164 Resp: 267547

Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.6	119.4
160	44.1	35.4	53.0



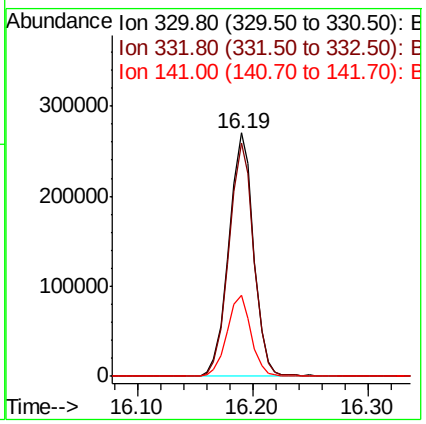


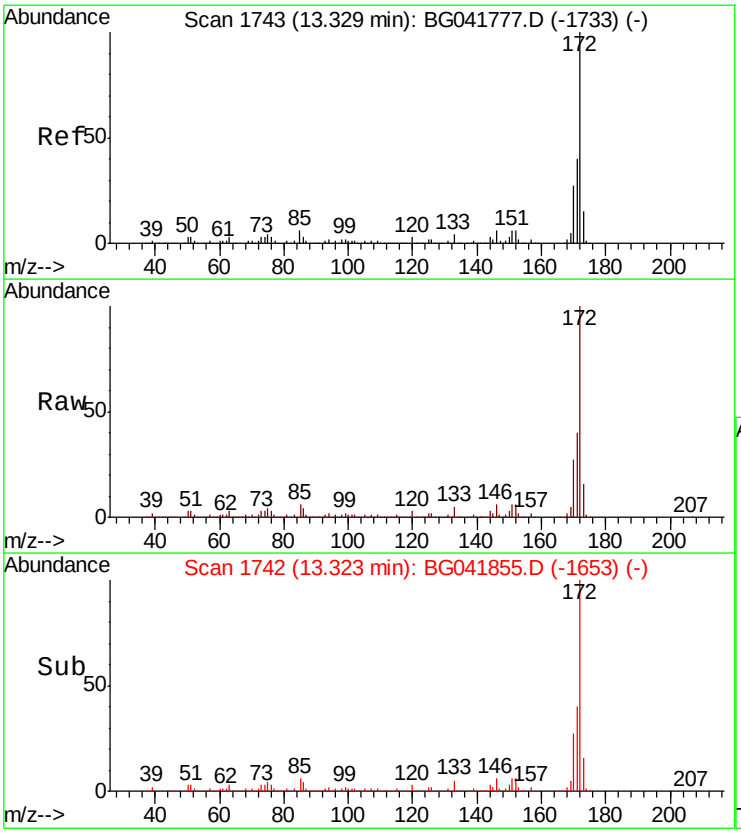
#42
2,4,6-Tribromophenol
Concen: 131.806 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

Tgt Ion:330 Resp: 400554

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	32.5	31.9	47.9

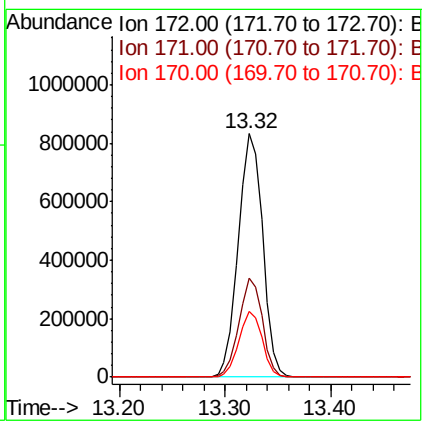


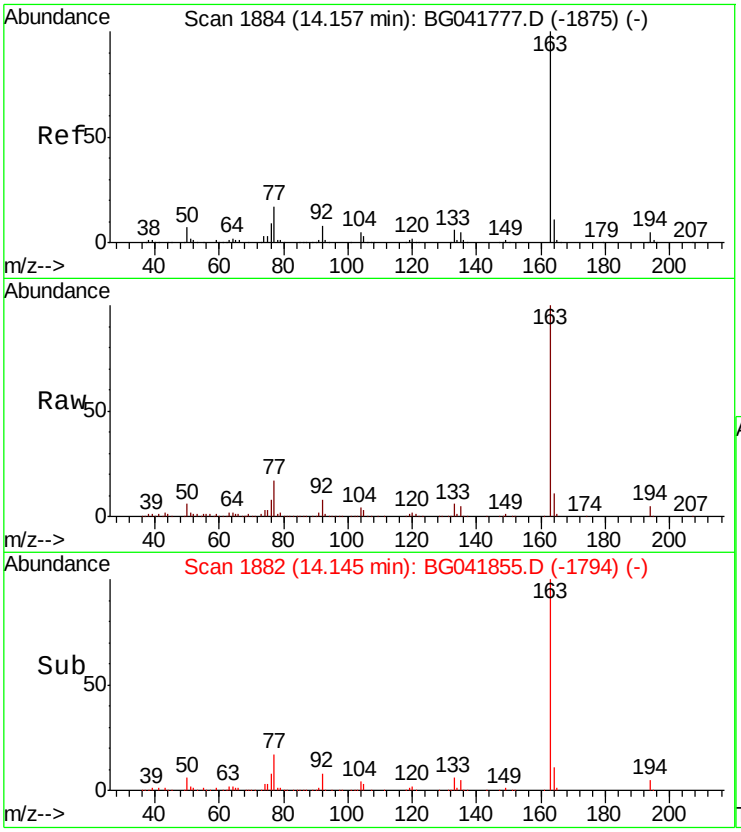


#45
2-Fluorobiphenyl
Concen: 87.825 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion:172 Resp: 1332251

Ion	Ratio	Lower	Upper
172	100		
171	40.5	35.0	52.4
170	27.1	23.5	35.3



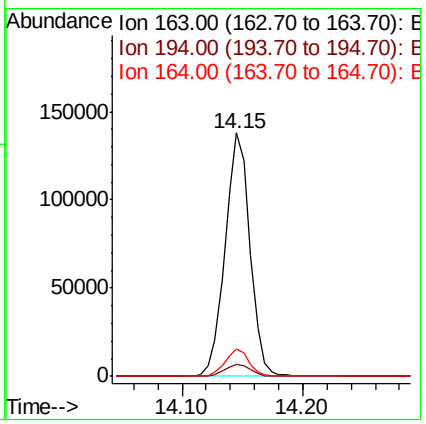


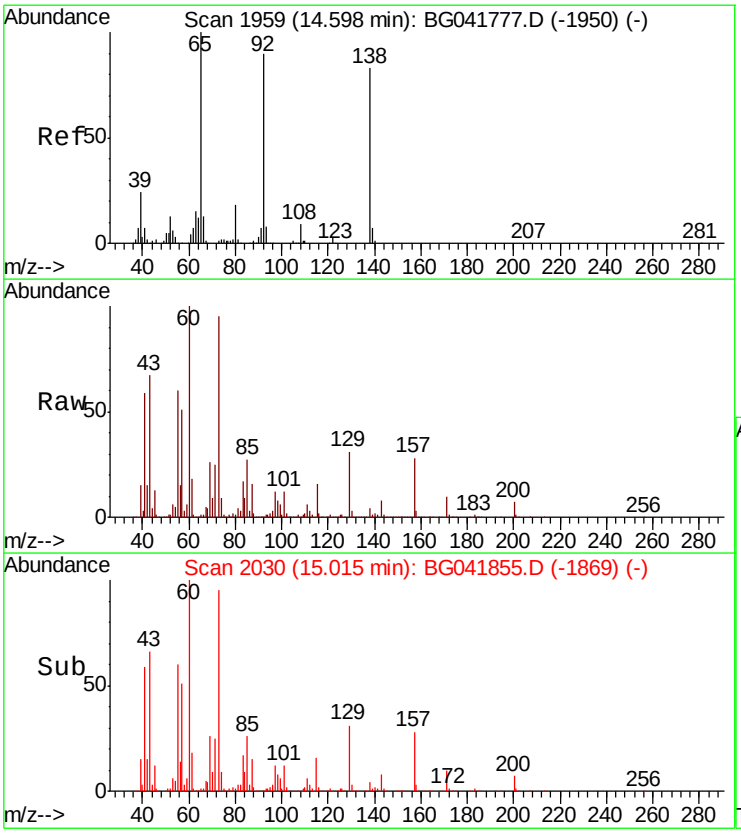
#50
Dimethylphthalate
Concen: 10.756 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

Tgt Ion:163 Resp: 196531

Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	11.1	9.4	14.2

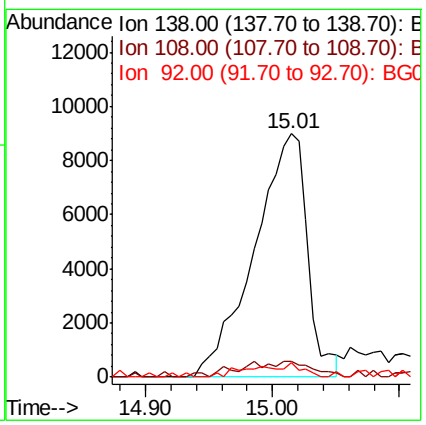


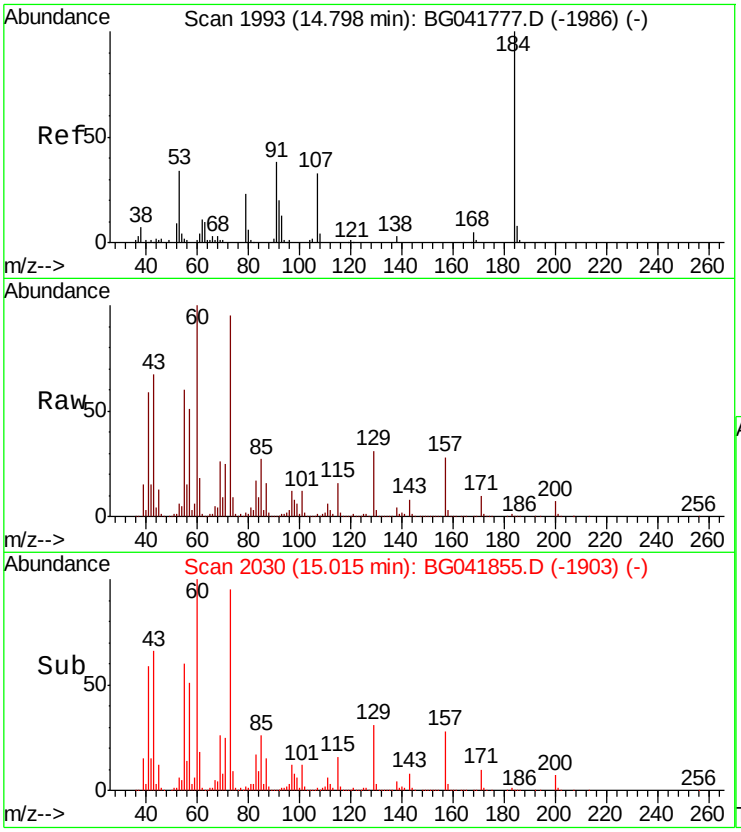


#53
3-Nitroaniline
Concen: 6.407 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.42 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion:138 Resp: 26188

Ion	Ratio	Lower	Upper
138	100		
108	6.5	10.3	15.5#
92	5.8	93.0	139.4#



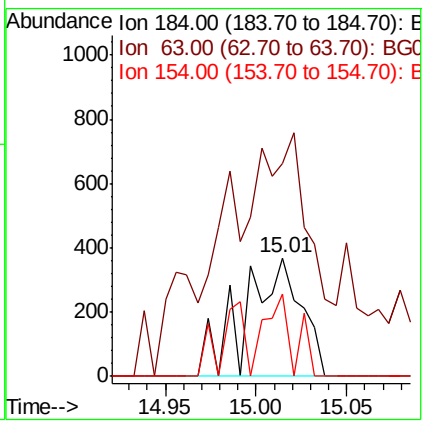


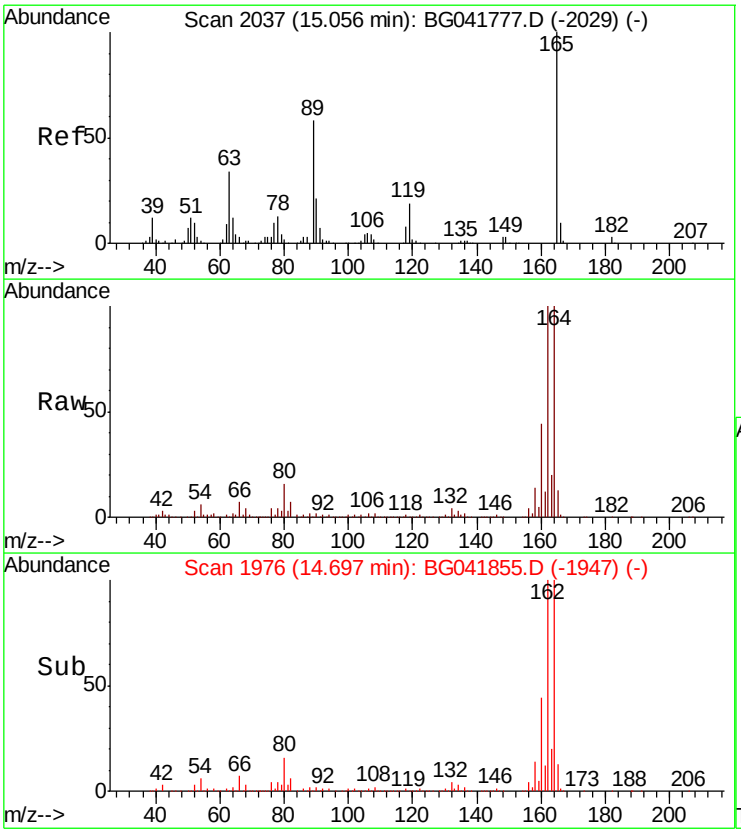
#54
2,4-Dinitrophenol
Concen: 3.733 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.22 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

Tgt Ion:184 Resp: 796

Ion	Ratio	Lower	Upper
184	100		
63	179.7	43.2	64.8#
154	69.4	51.4	77.2

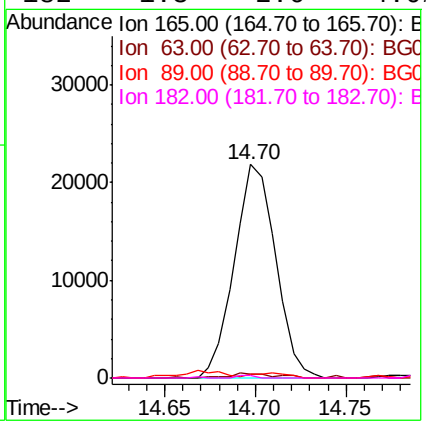


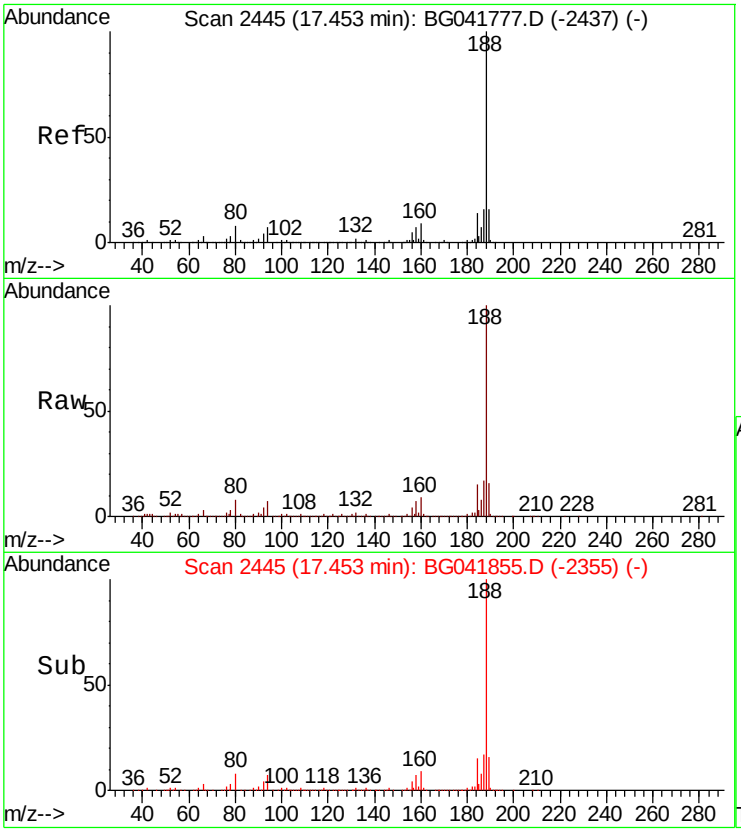


#57
2,4-Dinitrotoluene
Concen: 6.611 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.36 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion:165 Resp: 34735

Ion	Ratio	Lower	Upper
165	100		
63	1.9	31.7	47.5#
89	2.0	50.2	75.4#
182	1.3	2.6	4.0#



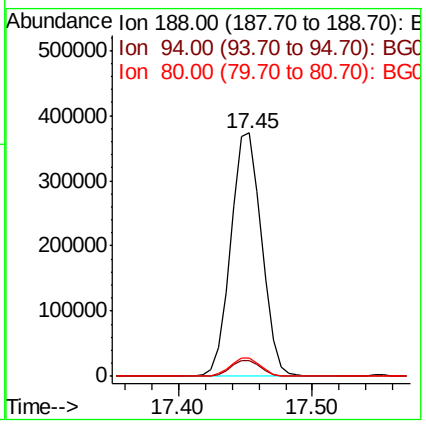


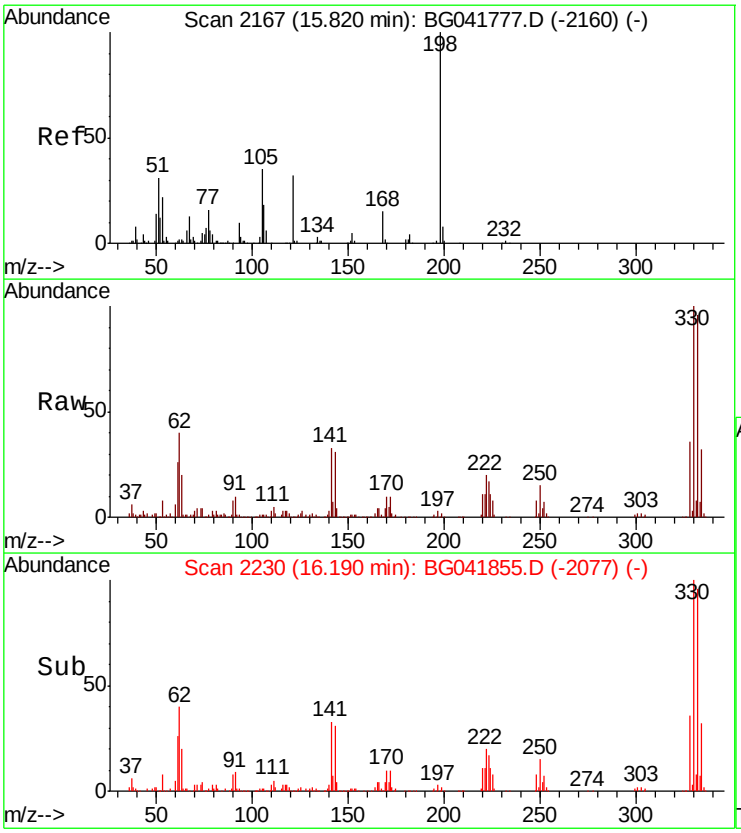
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

Tgt Ion:188 Resp: 597568

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	7.6	8.0	12.0#

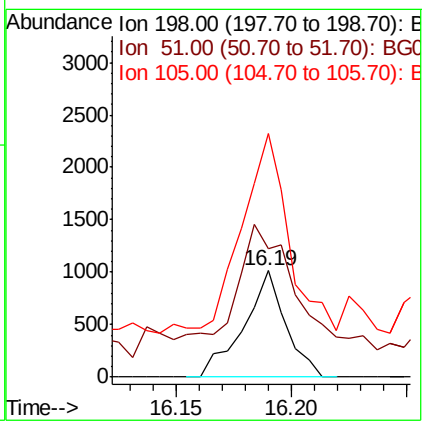


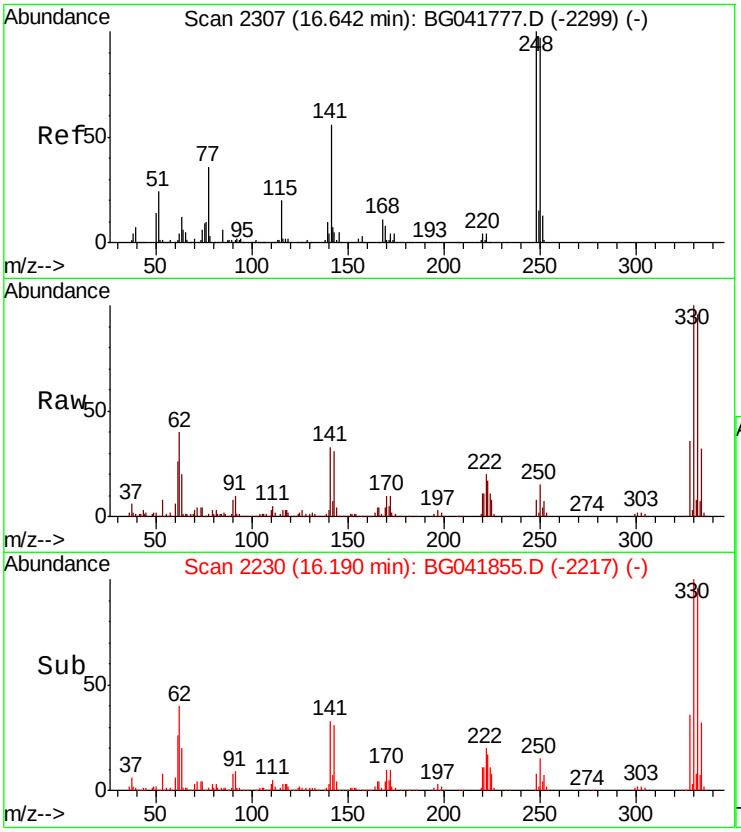


#65
4,6-Dinitro-2-methylphenol
Concen: 7.228 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.37 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion:198 Resp: 1282

Ion	Ratio	Lower	Upper
198	100		
51	121.2	22.3	62.3#
105	229.0	18.0	58.0#



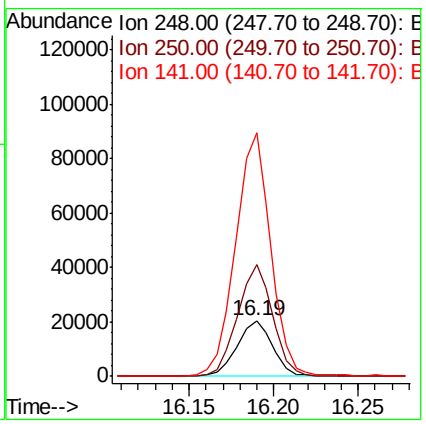


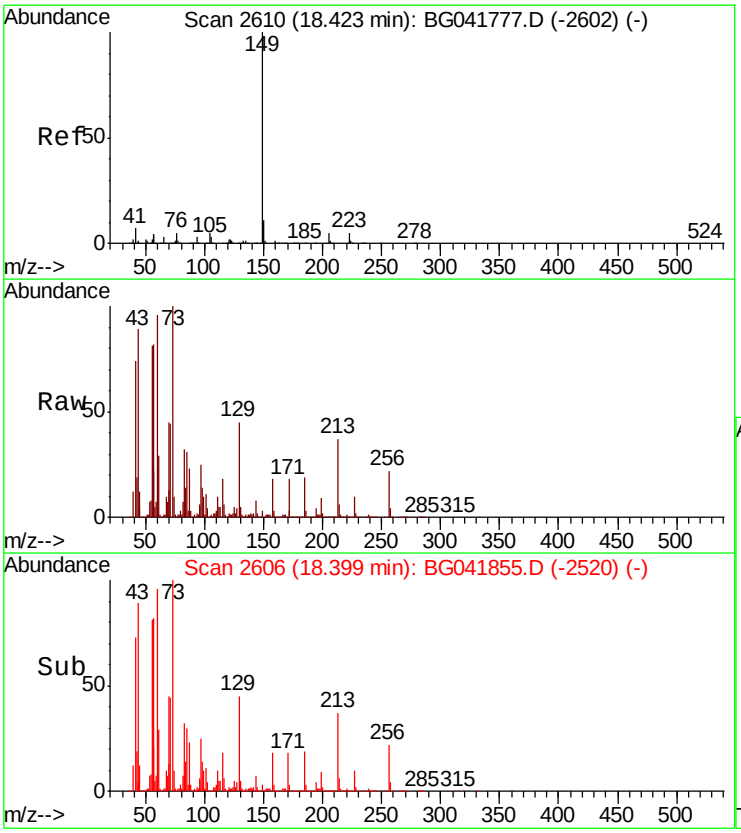
#67
4-Bromophenyl-phenylether
Concen: 4.085 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.45 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

Tgt Ion:248 Resp: 30070

Ion	Ratio	Lower	Upper
248	100		
250	200.0	78.1	117.1#
141	434.9	49.6	74.4#

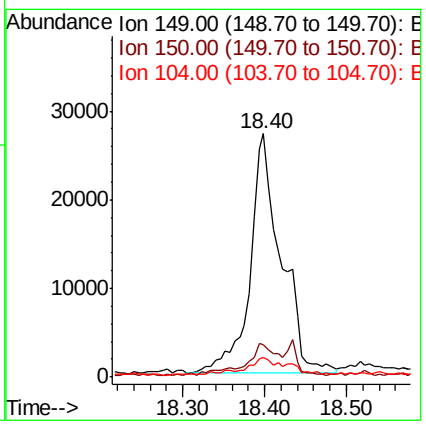


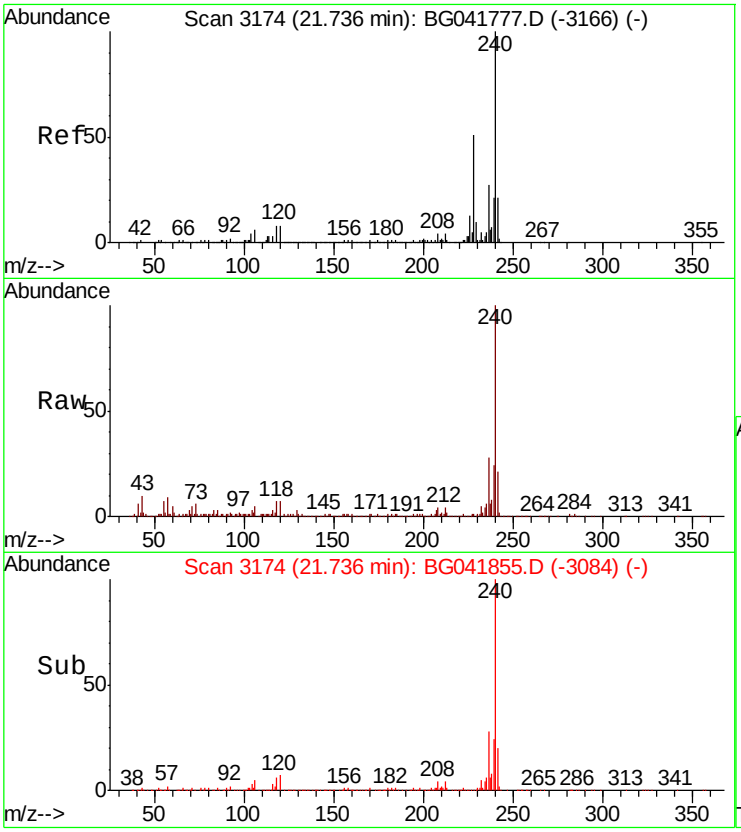


#74
Di-n-butylphthalate
Concen: 2.467 ng
RT: 18.40 min Scan# 2606
Delta R.T. -0.02 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion:149 Resp: 71724

Ion	Ratio	Lower	Upper
149	100		
150	13.2	10.2	15.2
104	8.2	5.3	7.9#



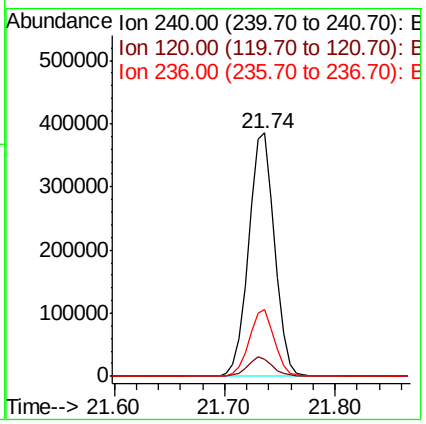


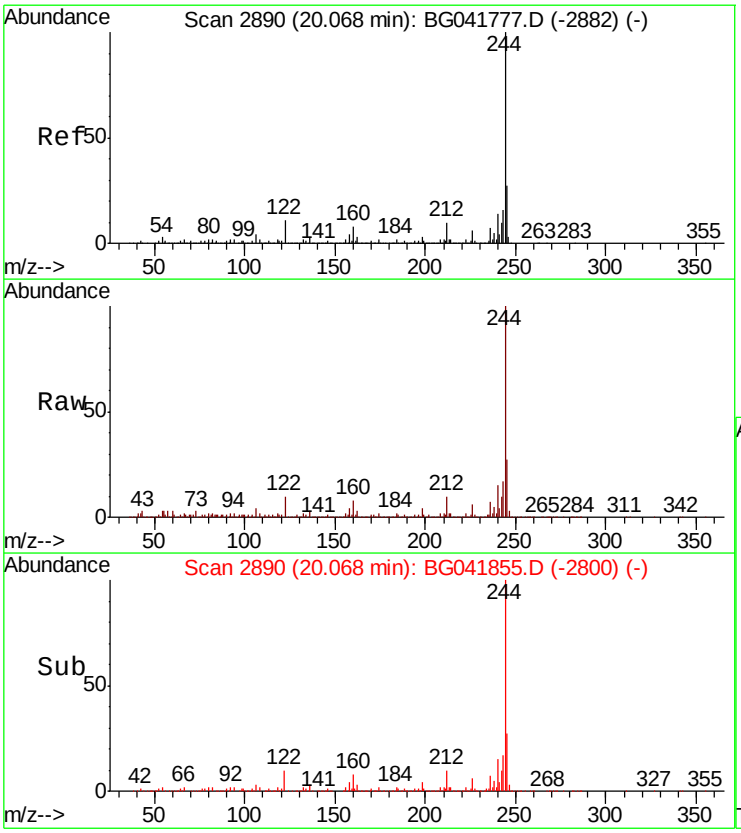
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

Tgt Ion:240 Resp: 632239

Ion	Ratio	Lower	Upper
240	100		
120	7.2	8.0	12.0#
236	27.7	22.6	33.8

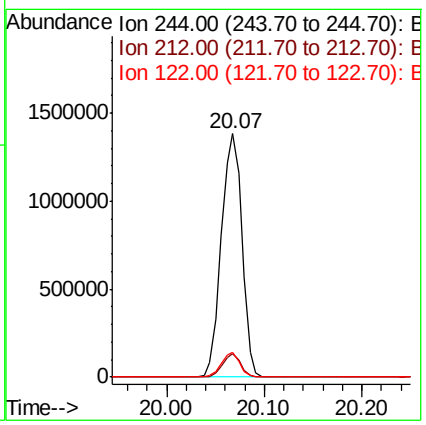


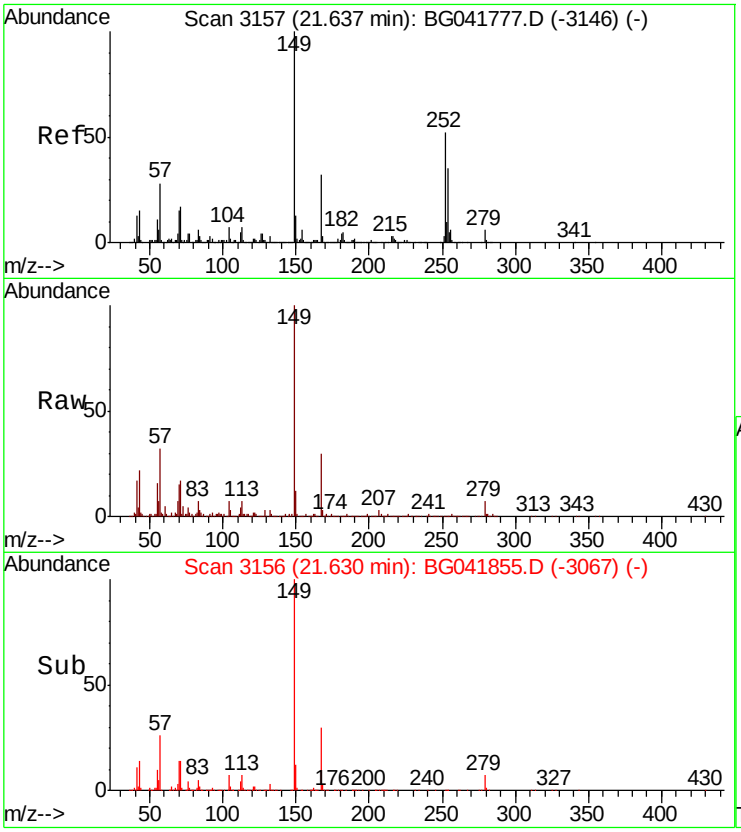


#79
Terphenyl-d14
Concen: 73.265 ng
RT: 20.07 min Scan# 2890
Delta R.T. 0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion:244 Resp: 2024276

Ion	Ratio	Lower	Upper
244	100		
212	9.6	9.7	14.5#
122	10.2	12.5	18.7#



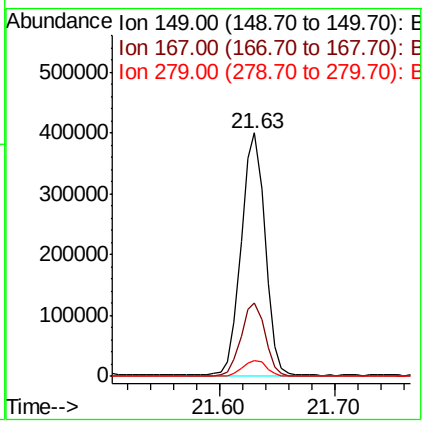


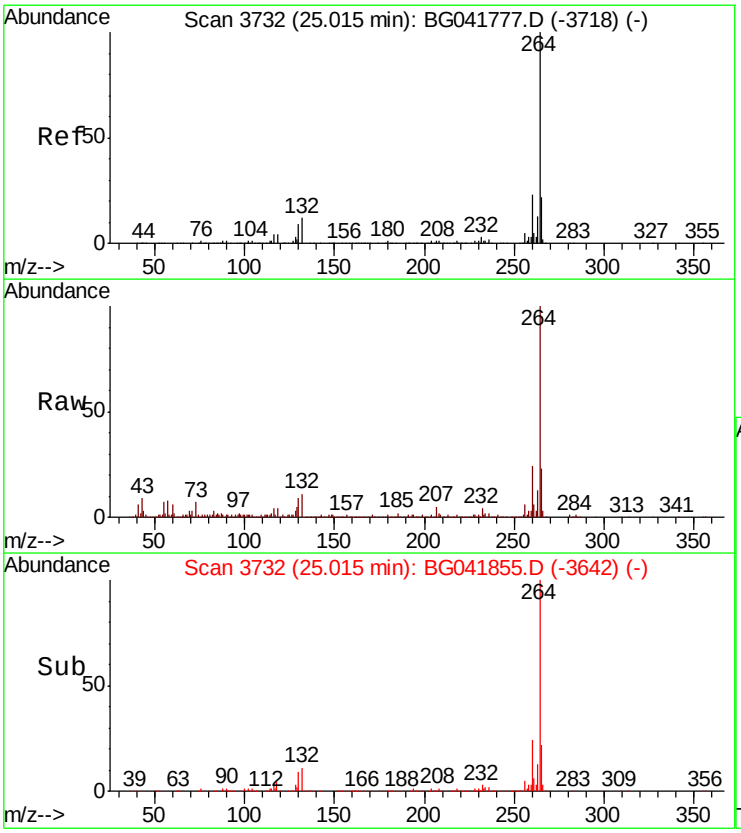
#84
Bis(2-ethylhexyl)phthalate
Concen: 28.812 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

Tgt Ion:149 Resp: 570793

Ion	Ratio	Lower	Upper
149	100		
167	30.2	27.0	40.4
279	6.7	5.0	7.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion:264 Resp: 725279

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.5	18.0	27.0