Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
Data File : BG041866.D
Acq On : 1 Aug 2019 16:52
Operator : HP/JU
Sample : K4048-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C6-GW

Quant Time: Aug 02 02:27:47 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	83623	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	300915	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	199191	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	473930	20.00	ng		0.00
76) Chrysene-d12	21.73	240	627817	20.00	ng		0.00
87) Perylene-d12	25.01	264	734517	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	254981	59.33	ng		0.00
7) Phenol-d6	7.19	99	215579	37.20	ng		0.00
23) Nitrobenzene-d5	9.21	82	455576	104.19	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	341466	150.92	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1100102	97.41	ng		0.00
79) Terphenyl-d14	20.06	244	2114900	77.08	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.21	94	32242	5.349	ng		96
26) 2-Nitrophenol	9.96	139	4947	2.314	ng	#	89
32) Benzoic acid	10.12	122	43104	21.811	ng		93
50) Dimethylphthalate	14.14	163	125319	9.212	ng		99

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

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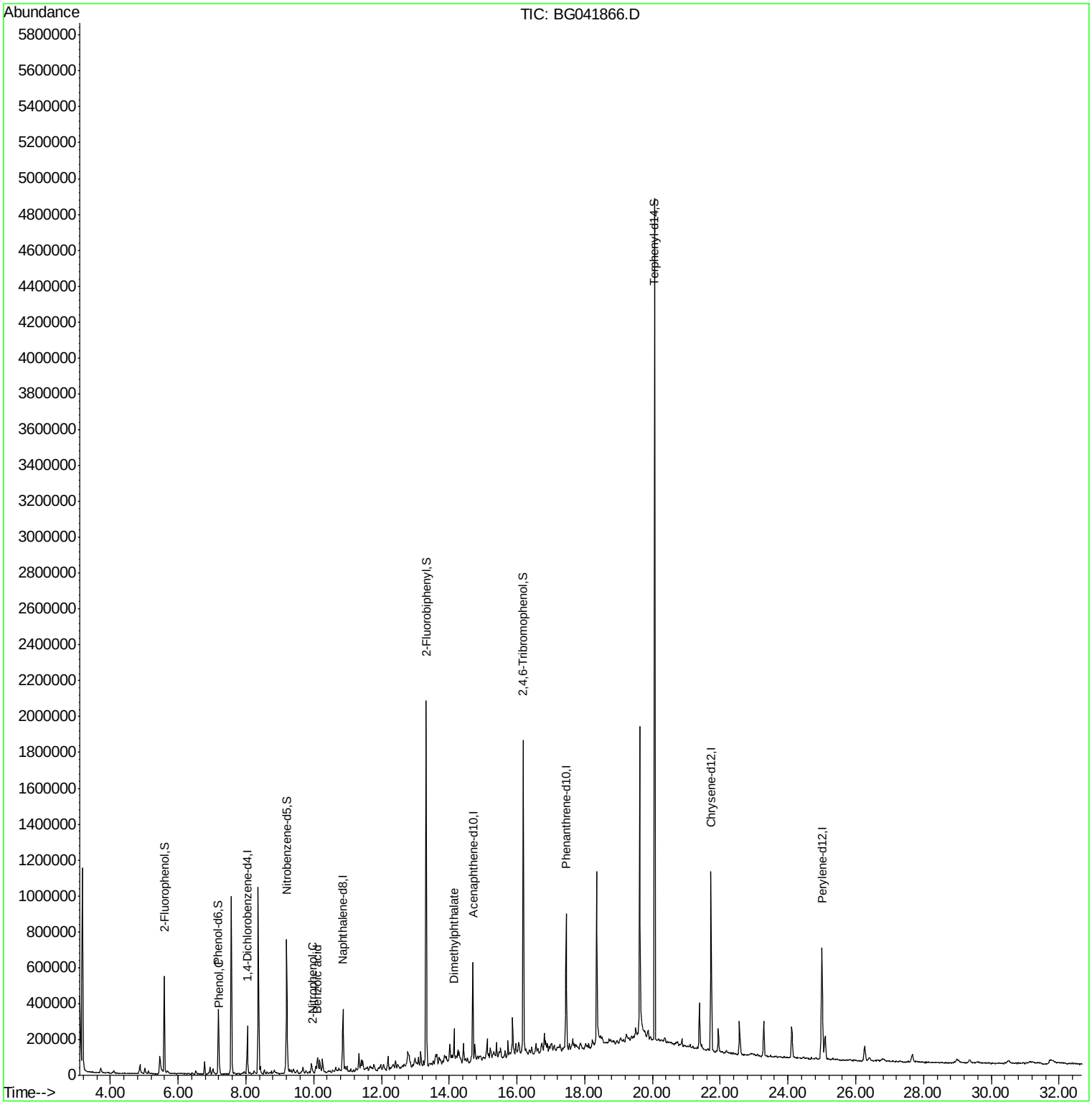
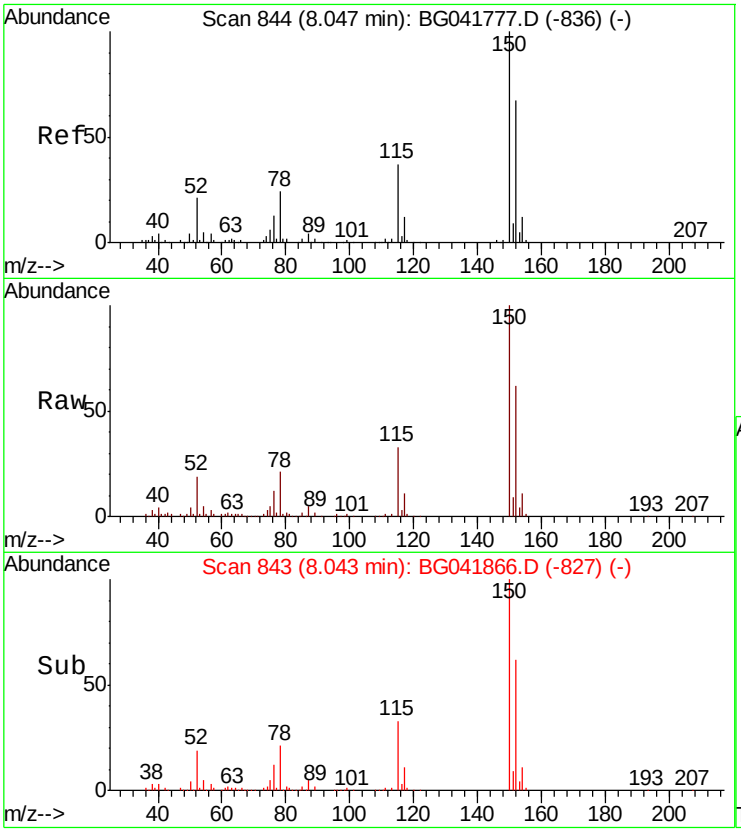


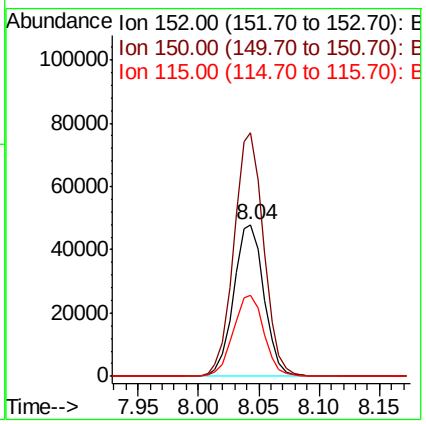


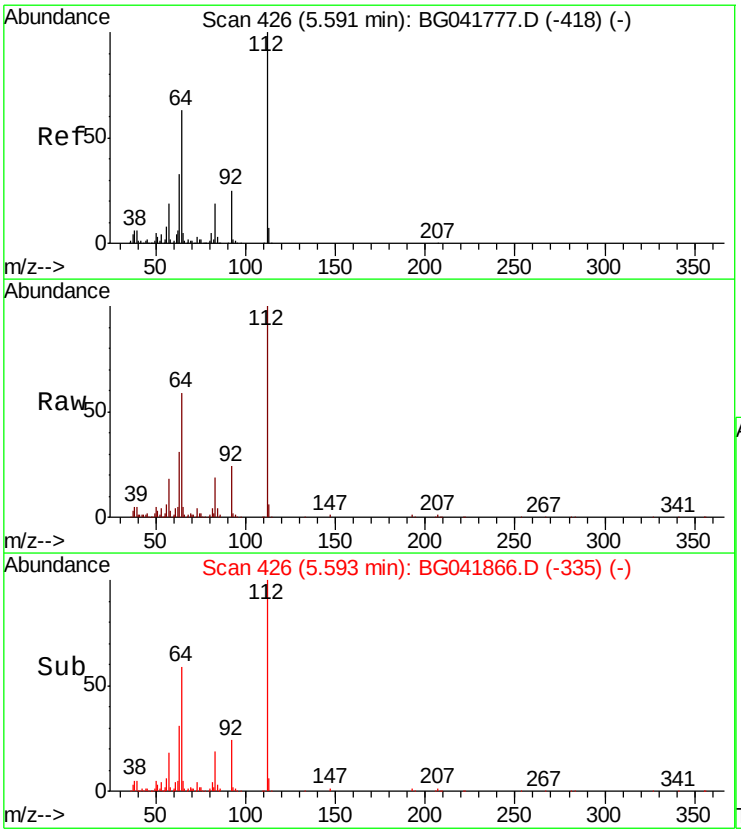
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Instrument :
BNA_G
ClientSampleId :
OWL-C6-GW

Tgt Ion:152 Resp: 83623

Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.9	190.3
115	52.9	45.0	67.6

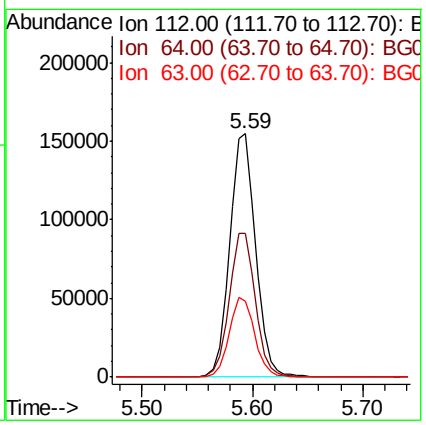


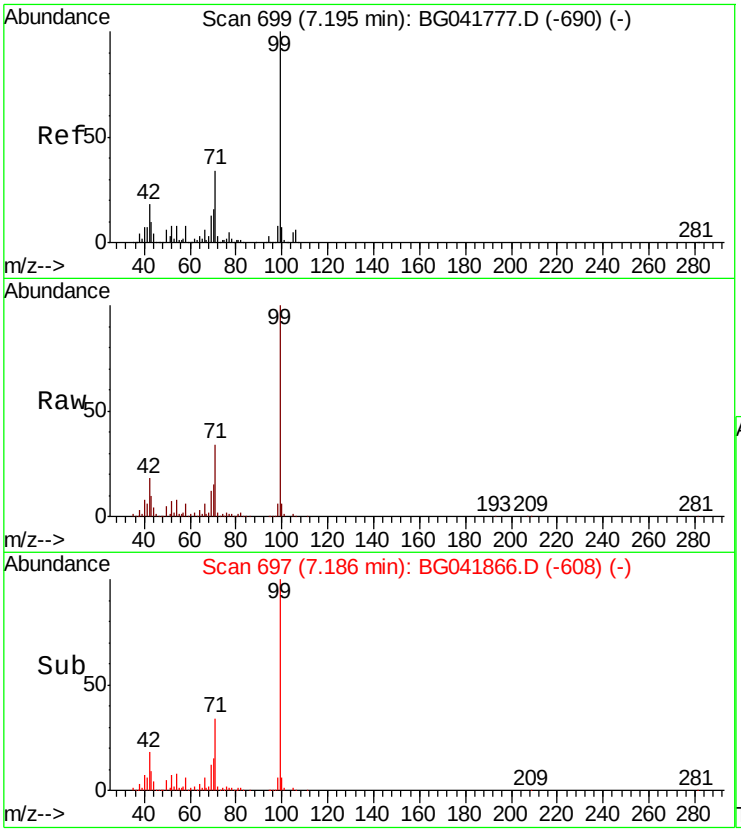


#5
2-Fluorophenol
Concen: 59.325 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Tgt Ion:112 Resp: 254981

Ion	Ratio	Lower	Upper
112	100		
64	59.2	55.4	83.2
63	31.0	29.1	43.7



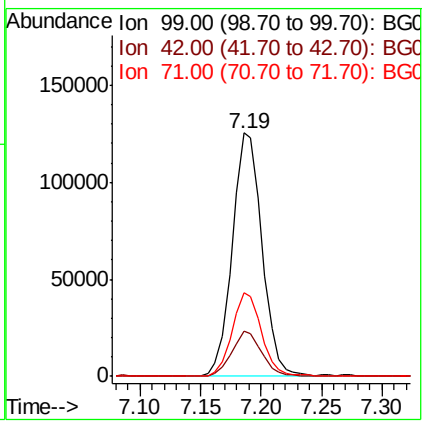


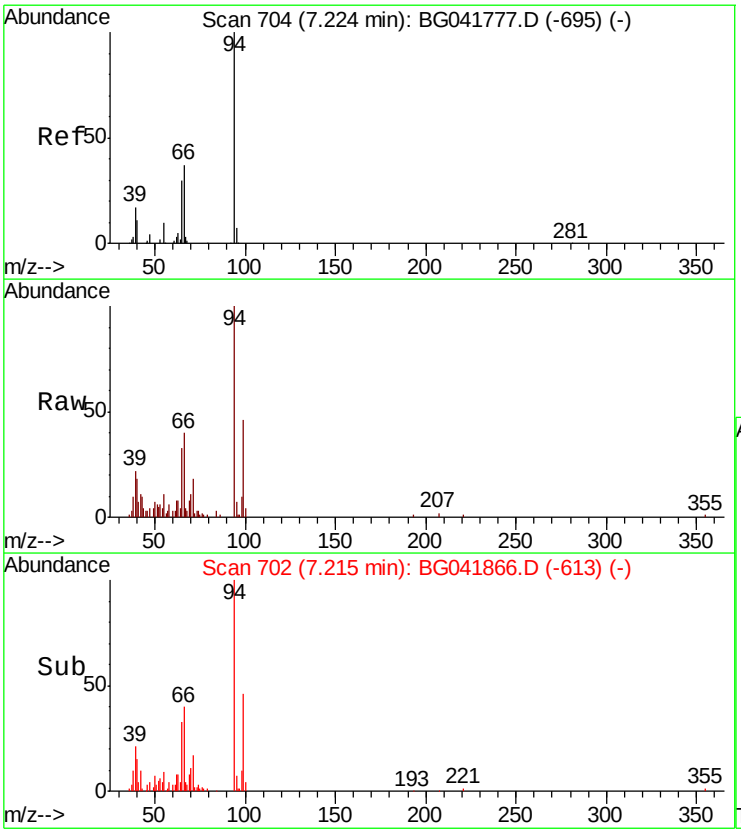
#7
Phenol-d6
Concen: 37.205 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Instrument :
BNA_G
ClientSampleId :
OWL-C6-GW

Tgt Ion: 99 Resp: 215579

Ion	Ratio	Lower	Upper
99	100		
42	18.3	17.6	26.4
71	34.4	27.8	41.6

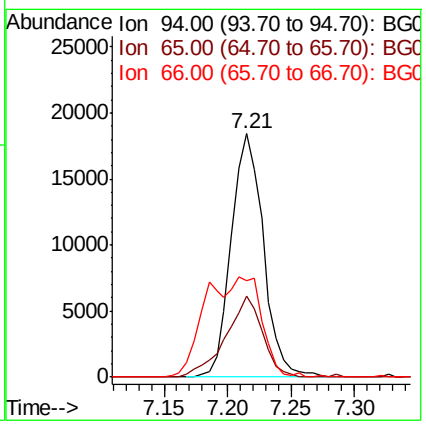


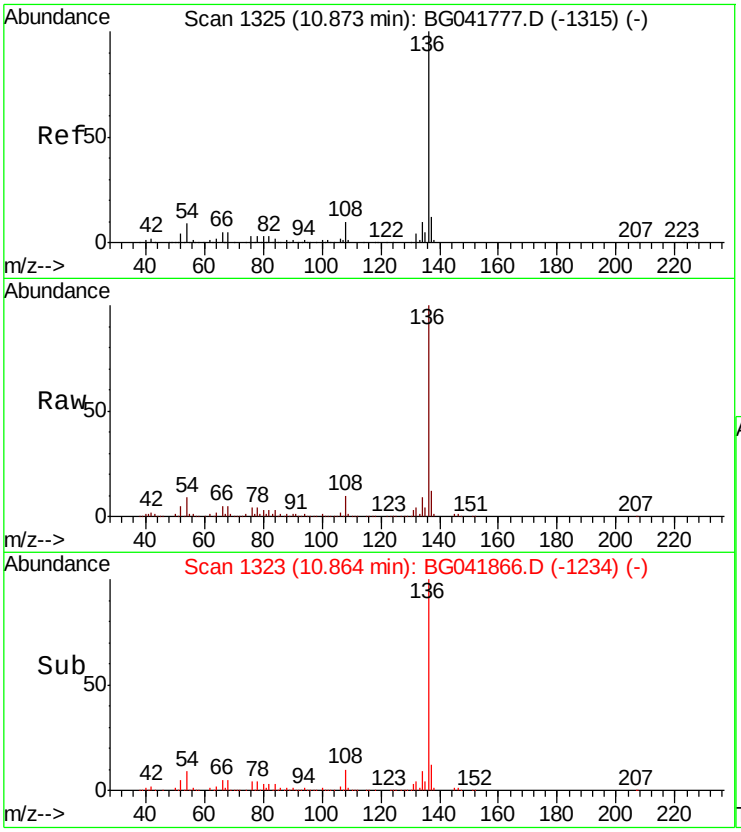


#10
Phenol
Concen: 5.349 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.01 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Tgt Ion: 94 Resp: 32242

Ion	Ratio	Lower	Upper
94	100		
65	33.4	10.6	50.6
66	39.6	18.2	58.2



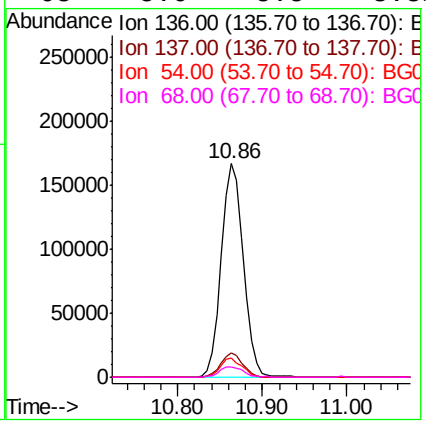


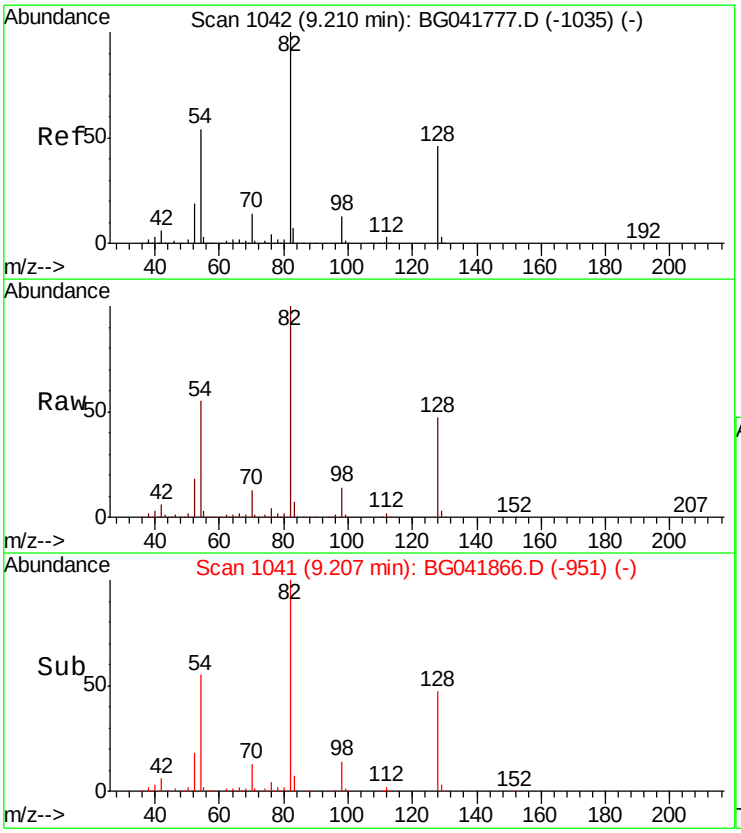
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Instrument :
BNA_G
ClientSampleId :
OWL-C6-GW

Tgt Ion:136 Resp: 300915

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	9.2	8.7	13.1
68	5.0	5.5	8.3#

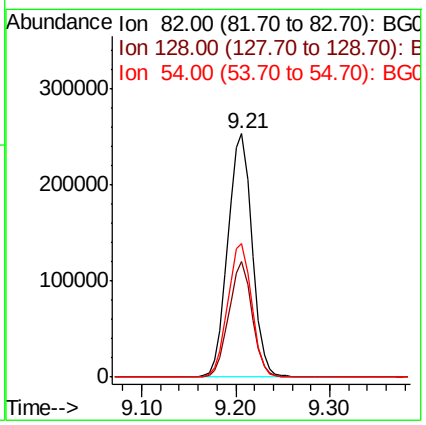


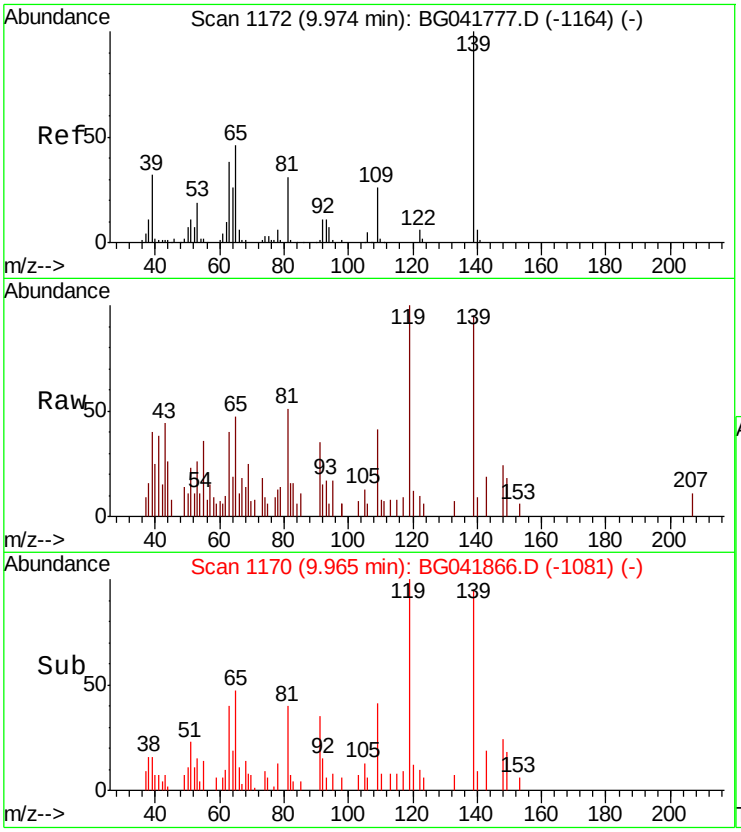


#23
Nitrobenzene-d5
Concen: 104.186 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Tgt Ion: 82 Resp: 455576

Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.1	52.7
54	55.0	48.7	73.1



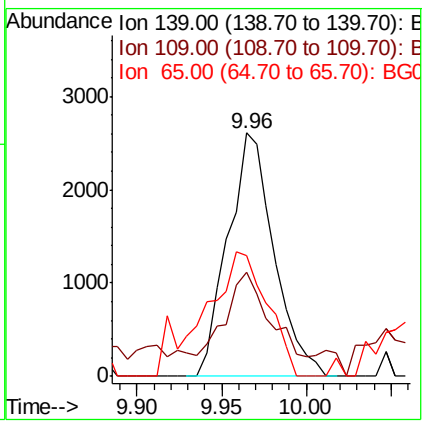


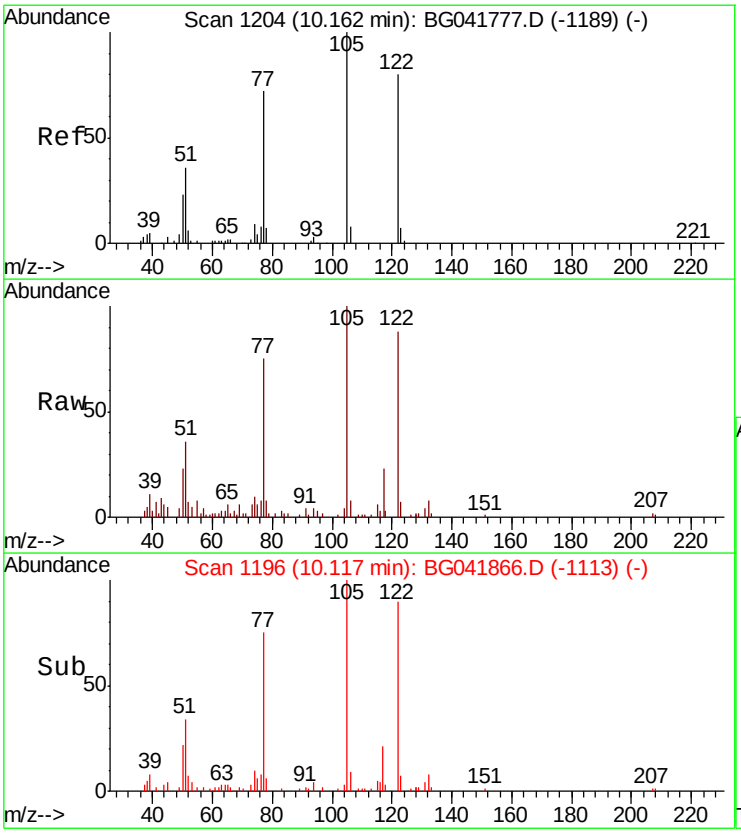
#26
2-Nitrophenol
Concen: 2.314 ng
RT: 9.96 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Instrument :
BNA_G
ClientSampleId :
OWL-C6-GW

Tgt Ion:139 Resp: 4947

Ion	Ratio	Lower	Upper
139	100		
109	42.8	22.7	34.1#
65	49.8	41.1	61.7

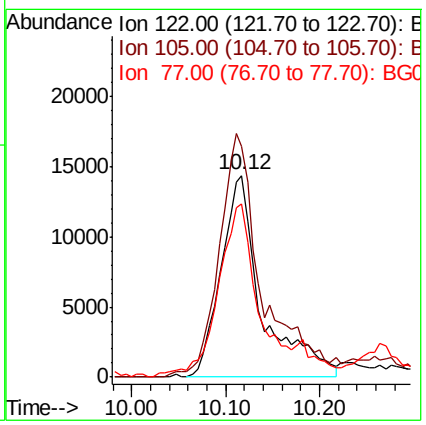


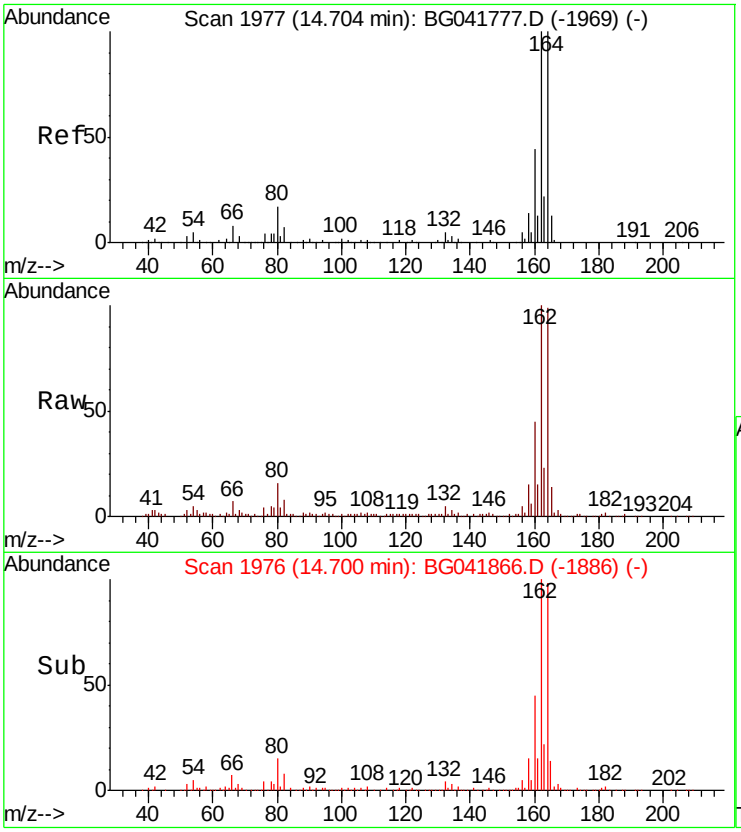


#32
Benzoic acid
Concen: 21.811 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.04 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Tgt Ion:122 Resp: 43104

Ion	Ratio	Lower	Upper
122	100		
105	114.3	101.5	141.5
77	85.7	73.0	113.0



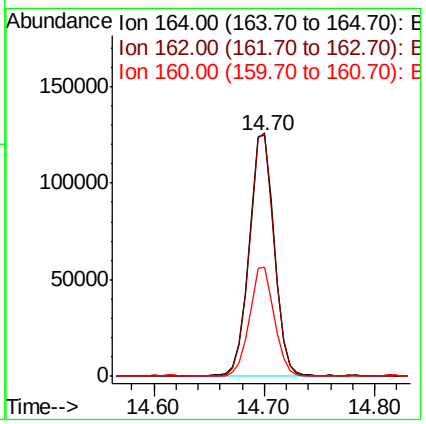


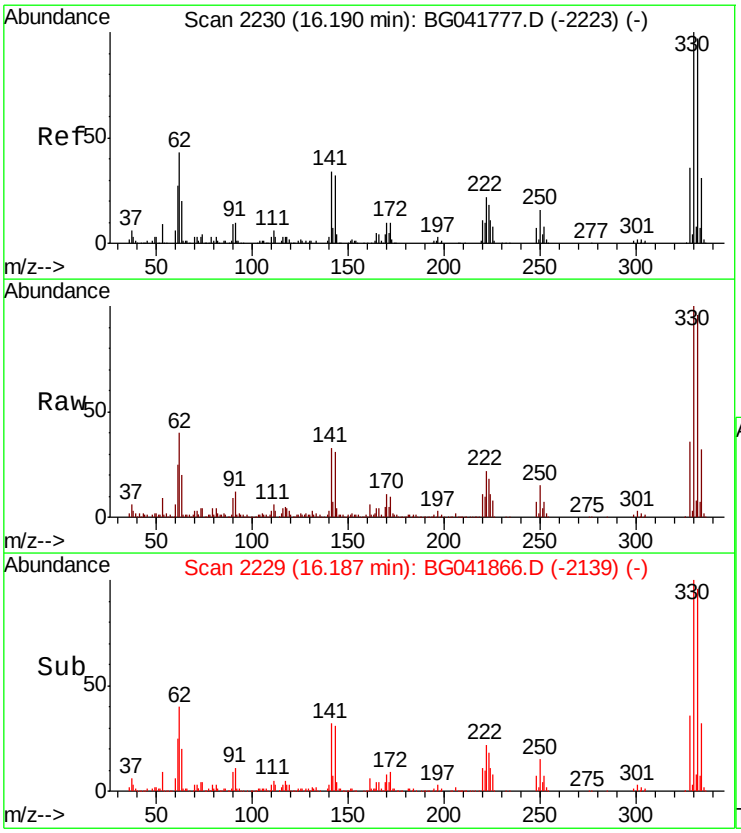
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Instrument :
BNA_G
ClientSampleId :
OWL-C6-GW

Tgt Ion:164 Resp: 199191

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.6	119.4
160	45.5	35.4	53.0

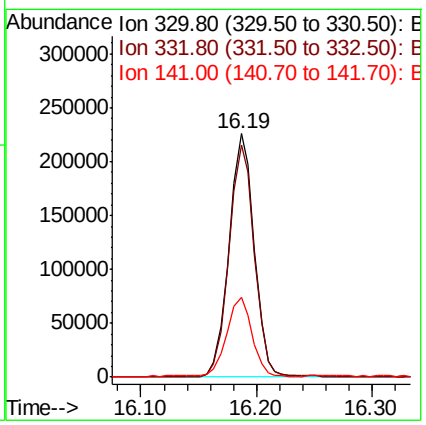


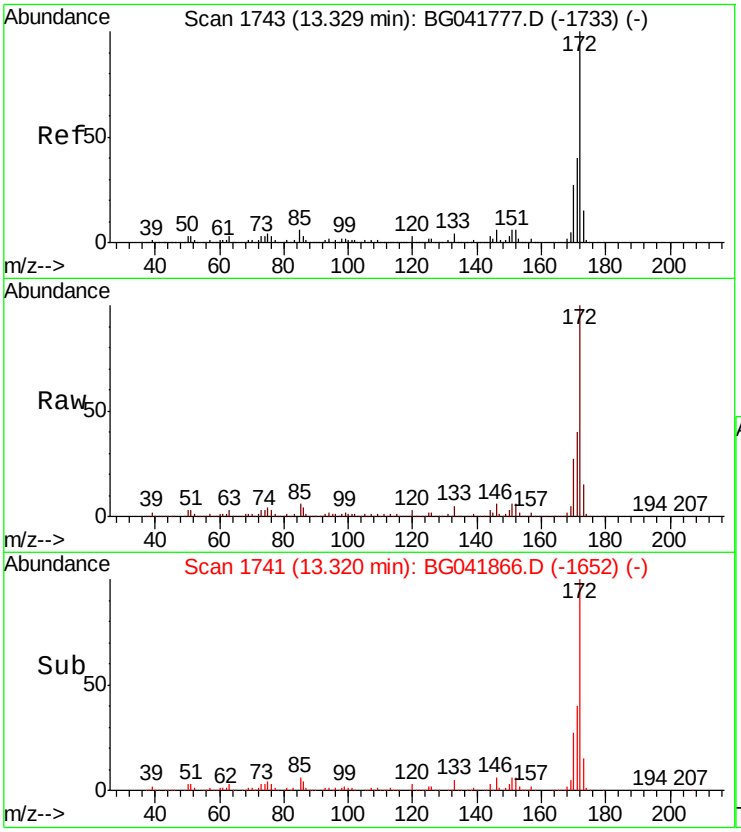


#42
2,4,6-Tribromophenol
Concen: 150.922 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Tgt Ion:330 Resp: 341466

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.0
141	32.8	31.9	47.9



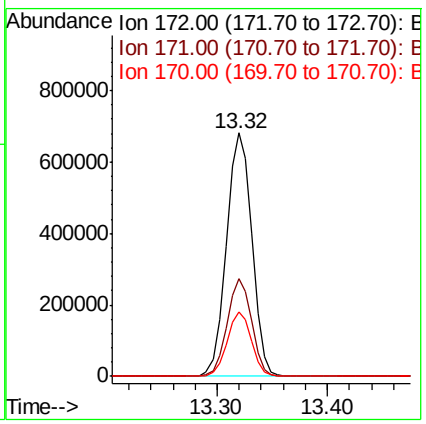


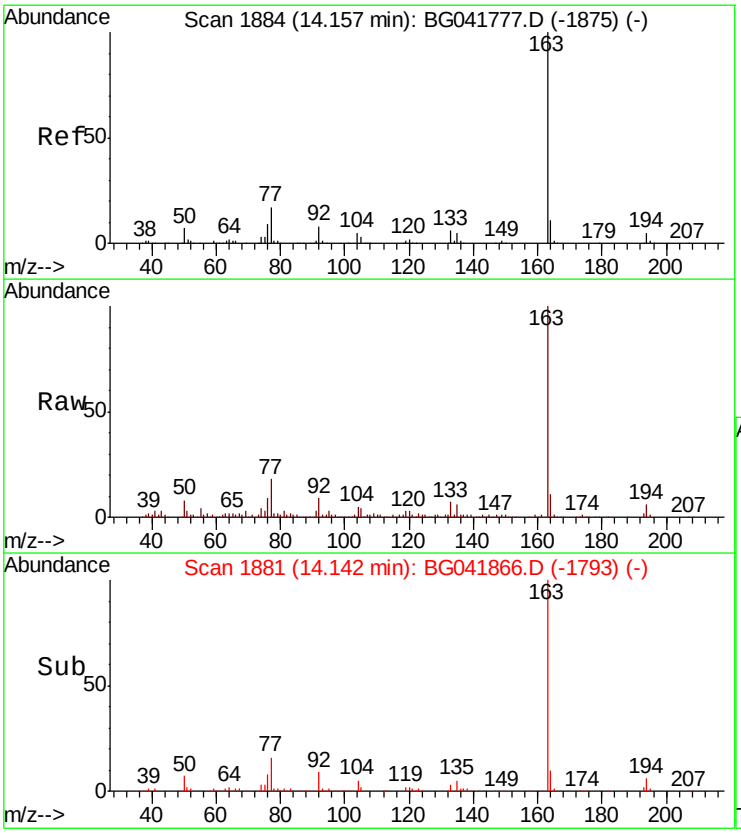
#45
2-Fluorobiphenyl
Concen: 97.408 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Instrument :
BNA_G
ClientSampleId :
OWL-C6-GW

Tgt Ion:172 Resp: 1100102

Ion	Ratio	Lower	Upper
172	100		
171	39.9	35.0	52.4
170	26.6	23.5	35.3

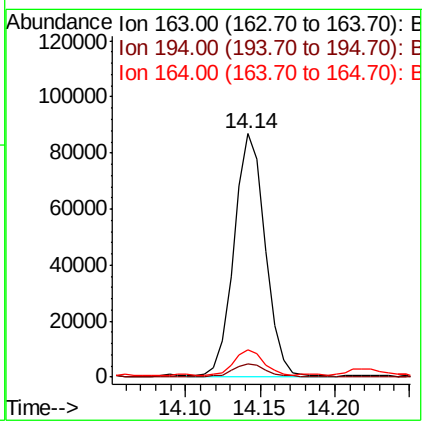


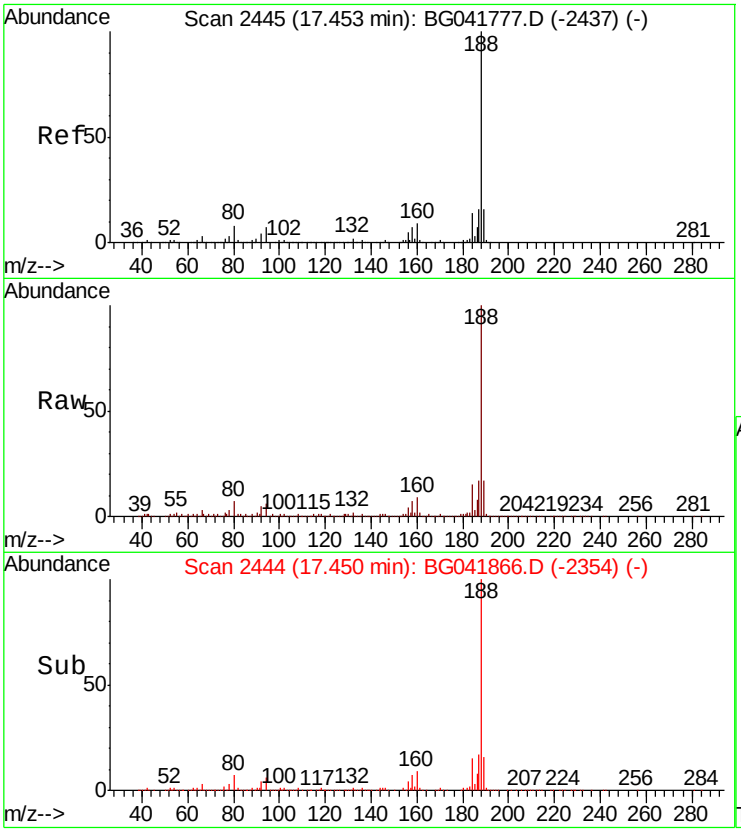


#50
Dimethylphthalate
Concen: 9.212 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Tgt Ion:163 Resp: 125319

Ion	Ratio	Lower	Upper
163	100		
194	5.6	4.2	6.2
164	11.3	9.4	14.2



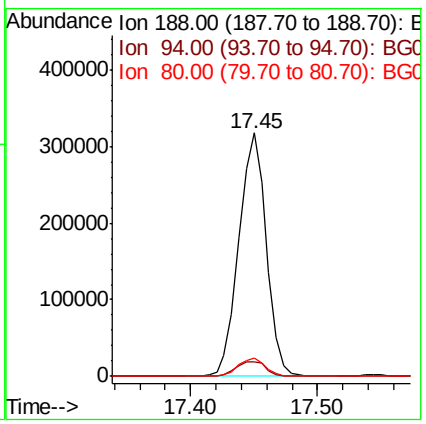


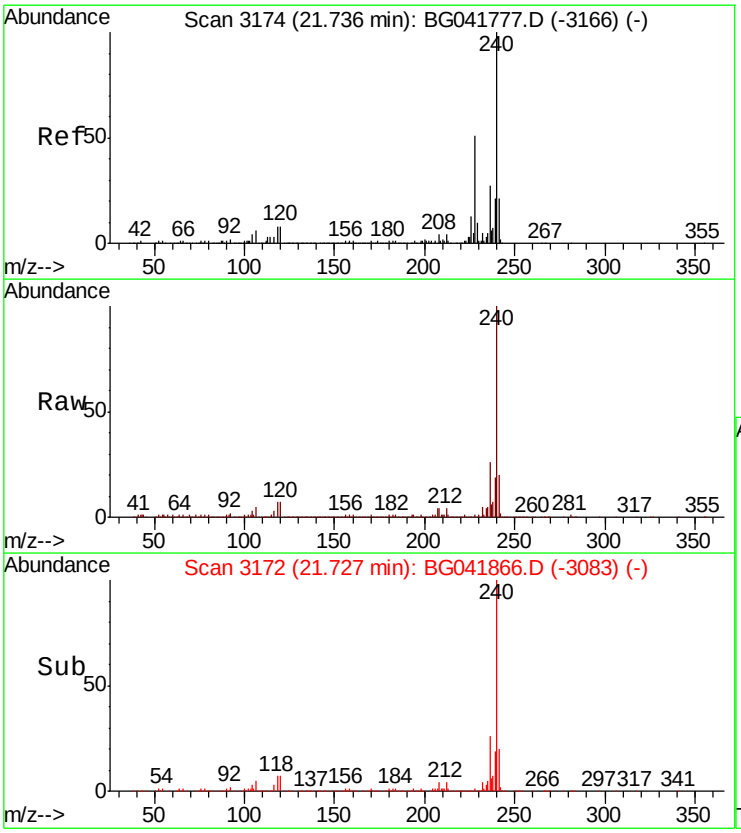
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Instrument :
BNA_G
ClientSampleId :
OWL-C6-GW

Tgt Ion:188 Resp: 473930

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.4	8.0	12.0#

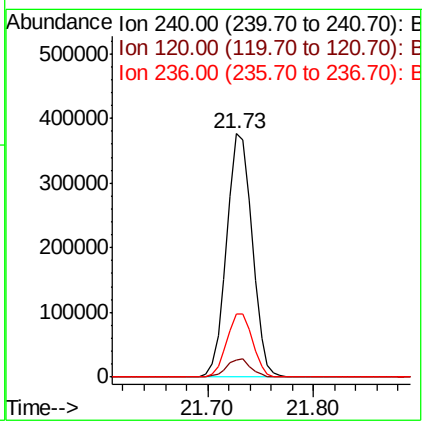


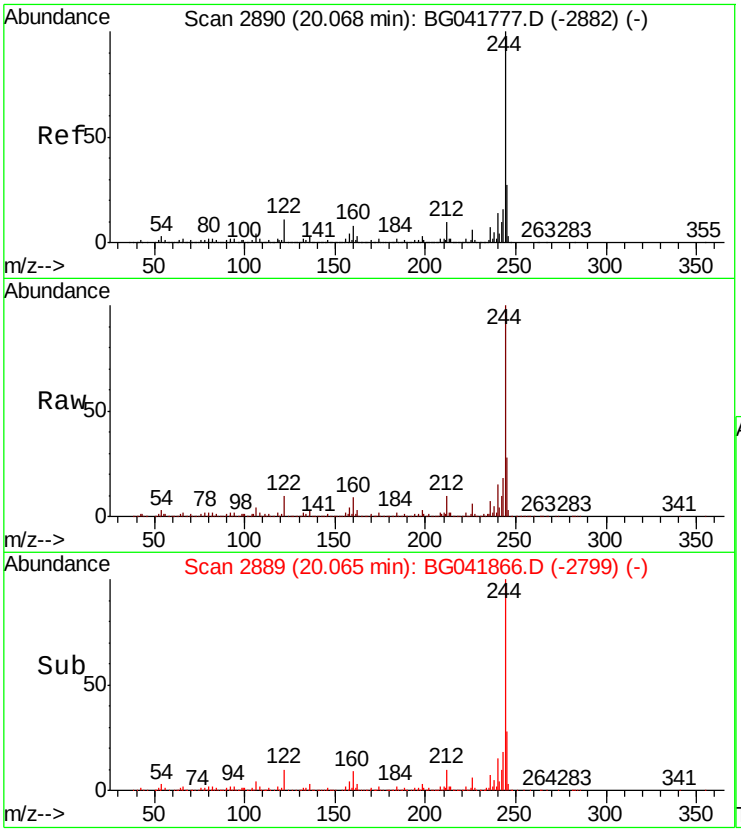


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Tgt Ion:240 Resp: 627817

Ion	Ratio	Lower	Upper
240	100		
120	7.2	8.0	12.0#
236	26.0	22.6	33.8



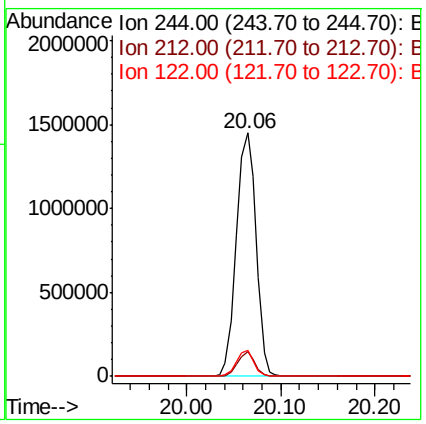


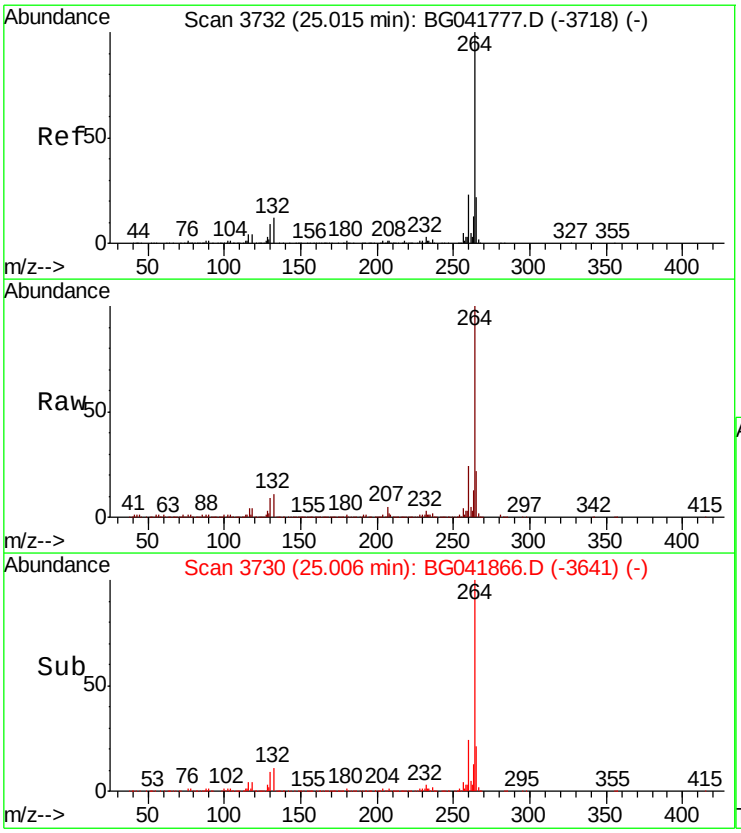
#79
Terphenyl-d14
Concen: 77.084 ng
RT: 20.06 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Instrument :
BNA_G
ClientSampleId :
OWL-C6-GW

Tgt Ion:244 Resp: 2114900

Ion	Ratio	Lower	Upper
244	100		
212	10.1	9.7	14.5
122	10.5	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041866.D
Acq: 1 Aug 2019 16:52

Tgt Ion:264 Resp: 734517

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