Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041438.D
Acq On : 25 Jun 2019 1:40
Operator : HP/JU
Sample : K3499-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-6(17-18)

Quant Time: Jun 25 06:44:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	33360	20.00	ng		-0.03
21) Naphthalene-d8	10.87	136	130726	20.00	ng		-0.04
39) Acenaphthene-d10	14.69	164	95104	20.00	ng		-0.03
64) Phenanthrene-d10	17.43	188	227032	20.00	ng		-0.03
76) Chrysene-d12	21.70	240	234852	20.00	ng		-0.04
87) Perylene-d12	24.99	264	178668	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	133007	73.26	ng		-0.03
7) Phenol-d6	7.20	99	206506	78.47	ng		-0.03
23) Nitrobenzene-d5	9.23	82	144328	46.43	ng		-0.03
42) 2,4,6-Tribromophenol	16.18	330	110419	75.63	ng		-0.03
45) 2-Fluorobiphenyl	13.31	172	344490	49.23	ng		-0.03
79) Terphenyl-d14	20.03	244	605842	51.12	ng		-0.03
Target Compounds							Qvalue
37) 2-Methylnaphthalene	12.52	142	25881	4.946	ng		91
38) 1-Methylnaphthalene	12.74	142	16160	3.228	ng	#	92
50) Dimethylphthalate	14.13	163	65573	7.749	ng		99

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

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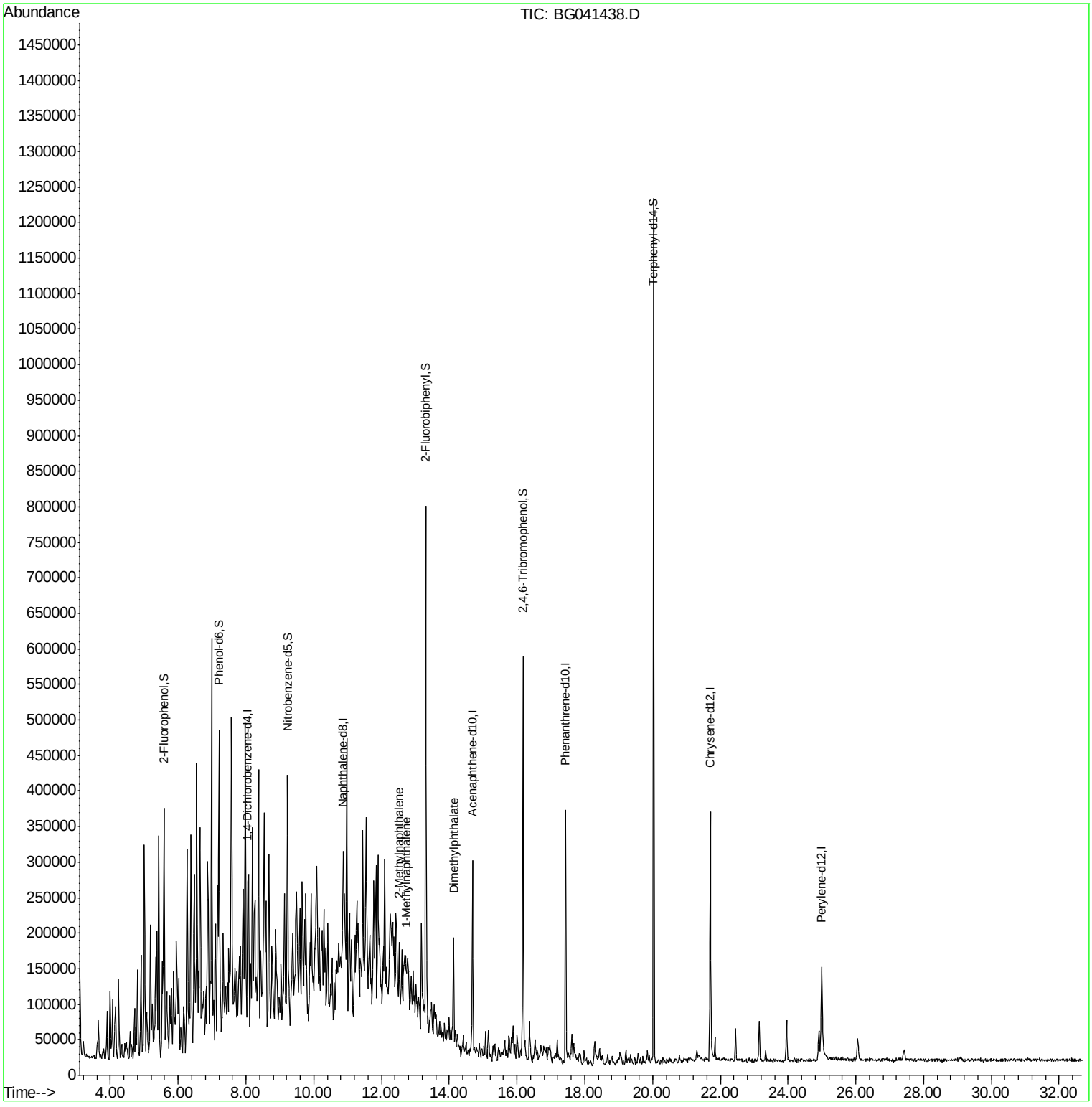
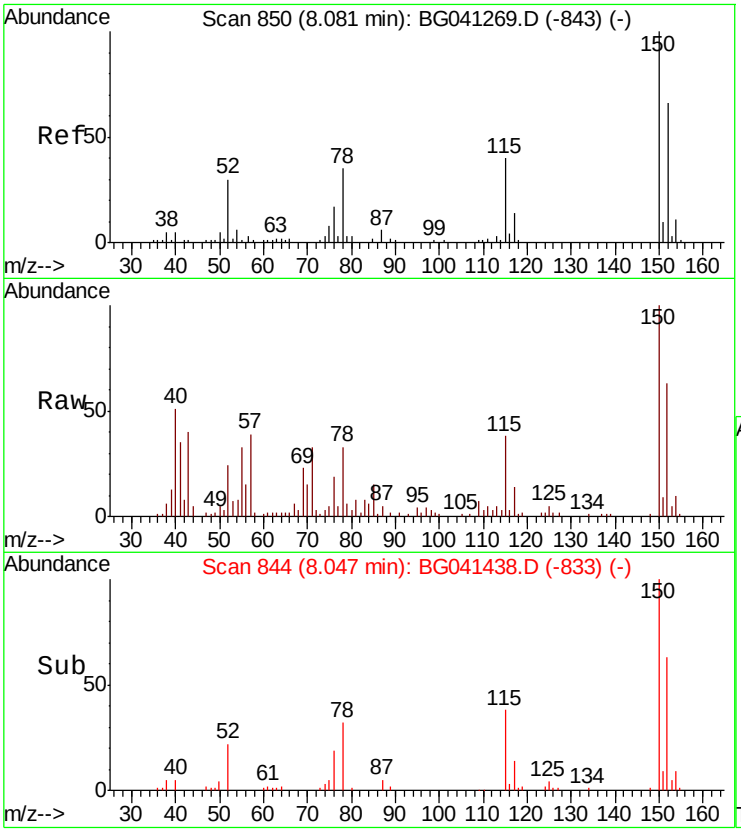


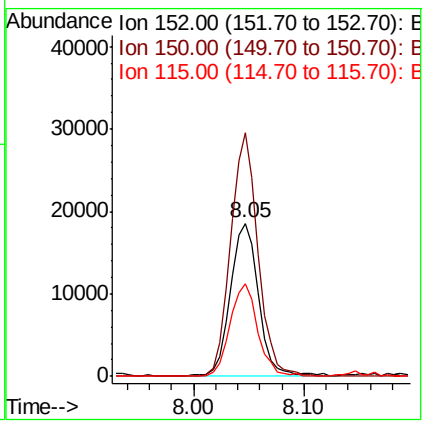


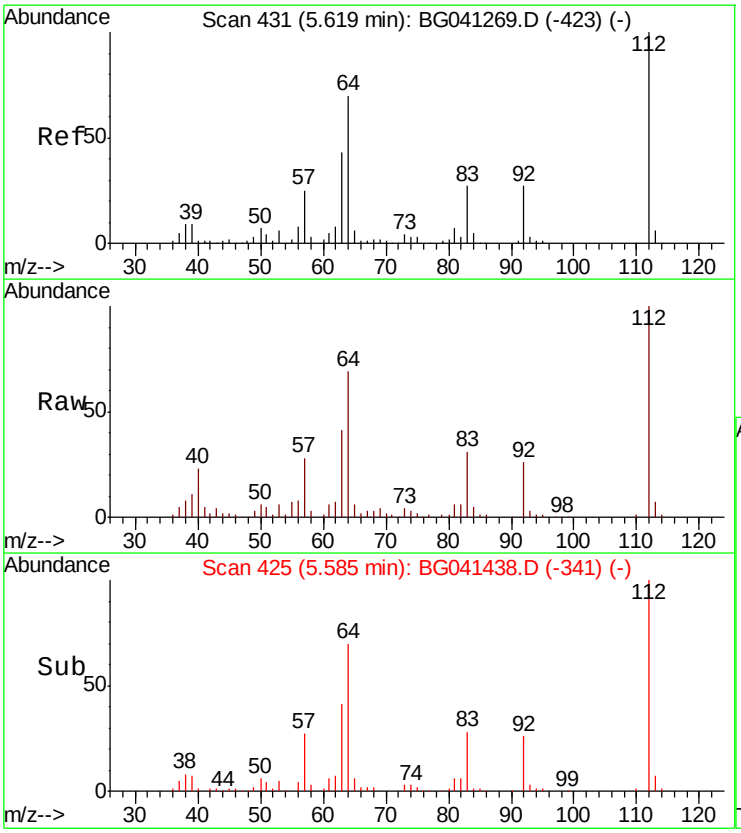
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG041438.D
Acq: 25 Jun 2019 1:40

Instrument :
BNA_G
ClientSampleId :
B-6(17-18)

Tgt Ion:152 Resp: 33360

Ion	Ratio	Lower	Upper
152	100		
150	159.3	120.6	181.0
115	60.9	47.9	71.9

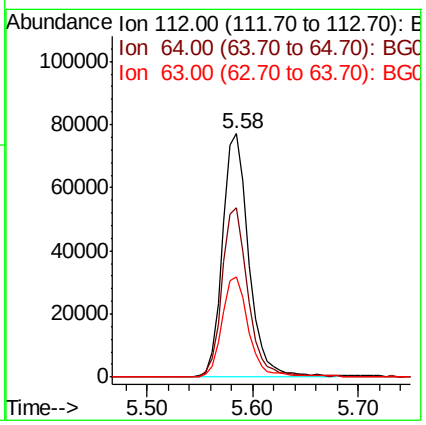


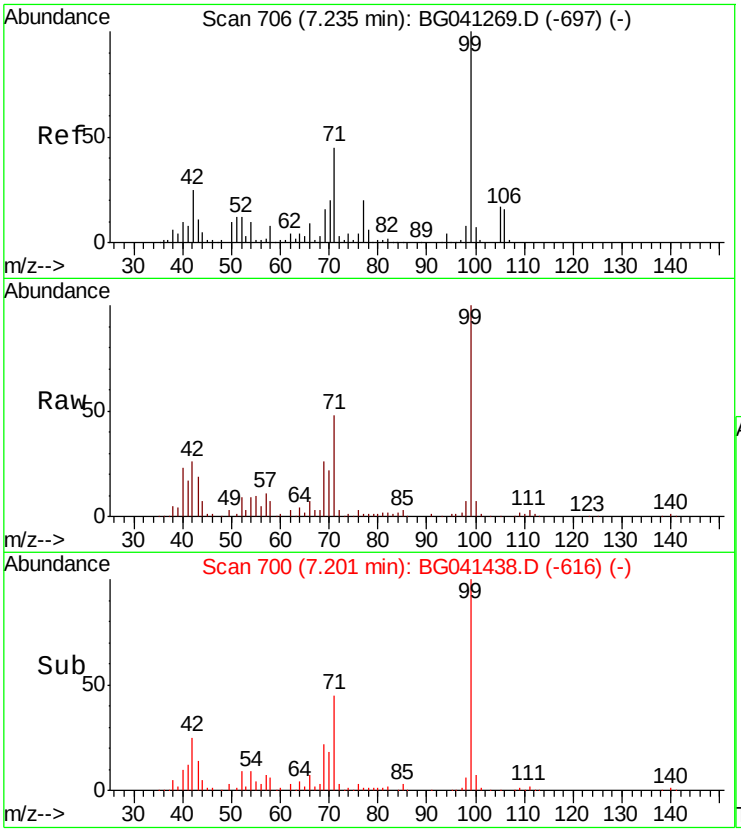


#5
2-Fluorophenol
Concen: 73.258 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.03 min
Lab File: BG041438.D
Acq: 25 Jun 2019 1:40

Tgt Ion:112 Resp: 133007

Ion	Ratio	Lower	Upper
112	100		
64	69.4	55.9	83.9
63	41.1	34.6	51.8



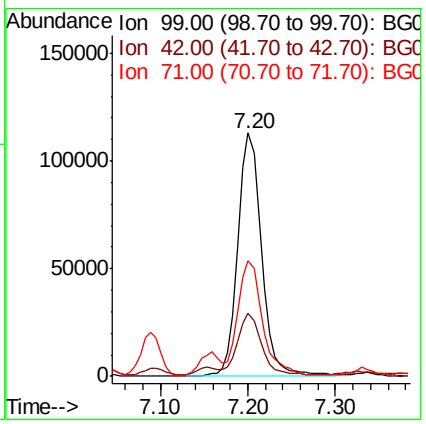


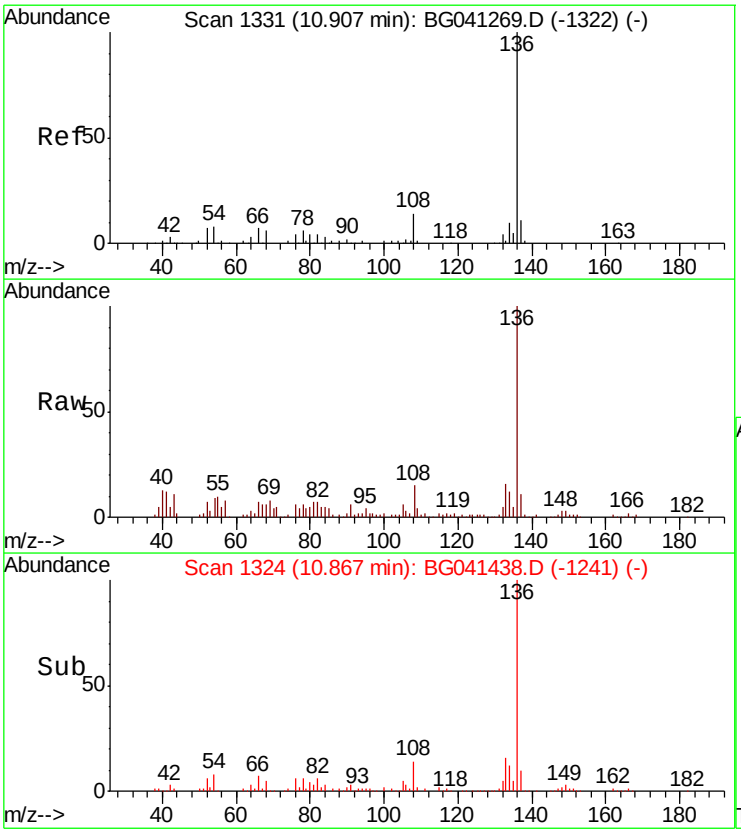
#7
Phenol-d6
Concen: 78.468 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.03 min
Lab File: BG041438.D
Acq: 25 Jun 2019 1:40

Instrument :
BNA_G
ClientSampleId :
B-6(17-18)

Tgt Ion: 99 Resp: 206506

Ion	Ratio	Lower	Upper
99	100		
42	25.9	19.9	29.9
71	47.6	36.4	54.6

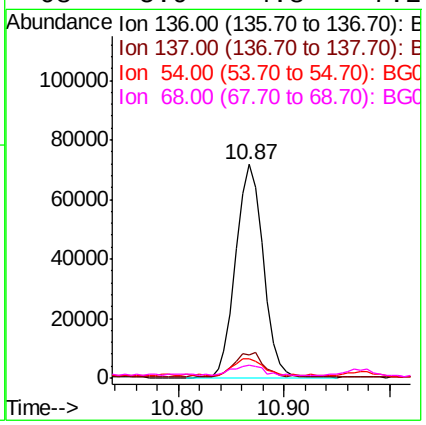


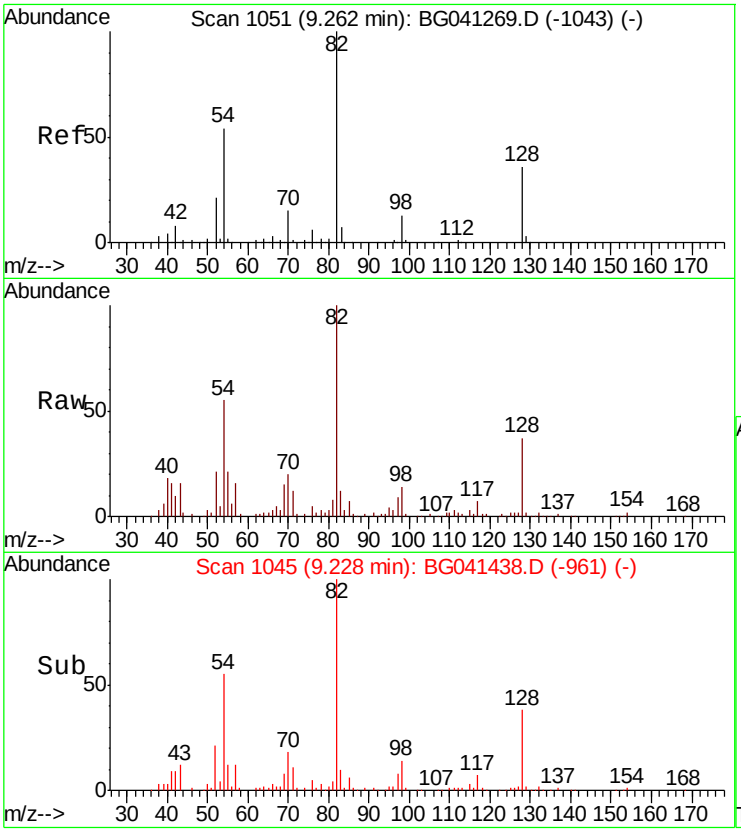


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG041438.D
Acq: 25 Jun 2019 1:40

Tgt Ion:136 Resp: 130726

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.1	6.4	9.6
68	5.9	4.8	7.2

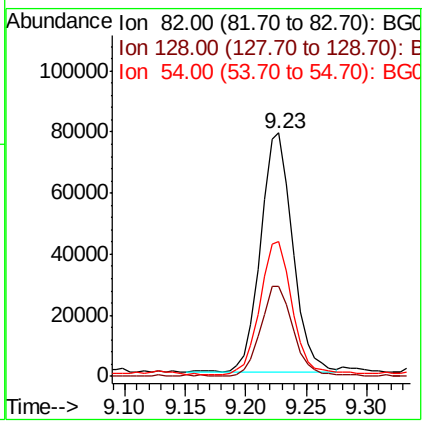




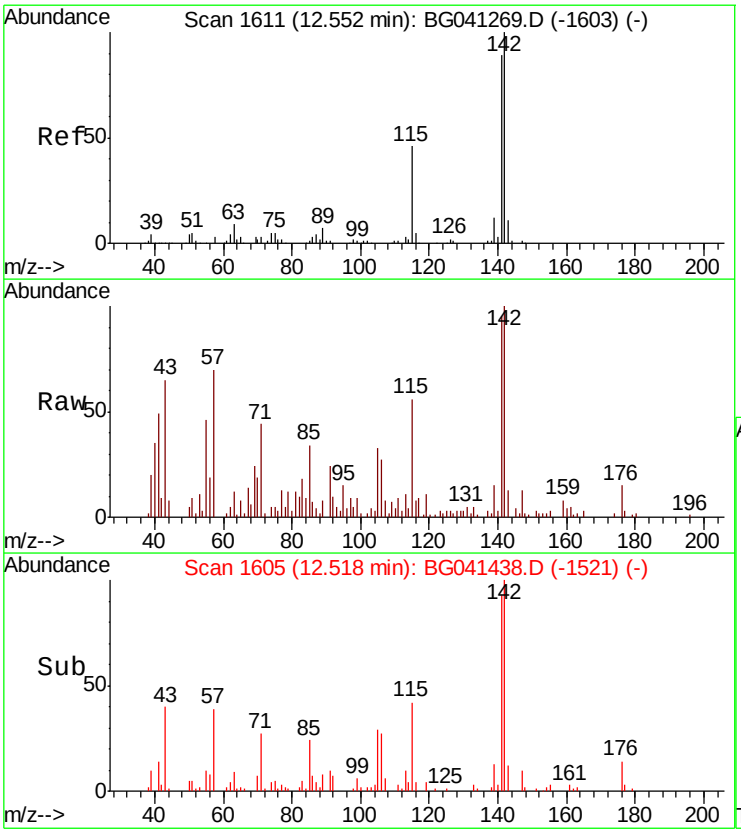
#23
Nitrobenzene-d5
Concen: 46.432 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041438.D
Acq: 25 Jun 2019 1:40

Tgt Ion: 82 Resp: 144328

Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.2	43.8
54	55.2	43.4	65.0



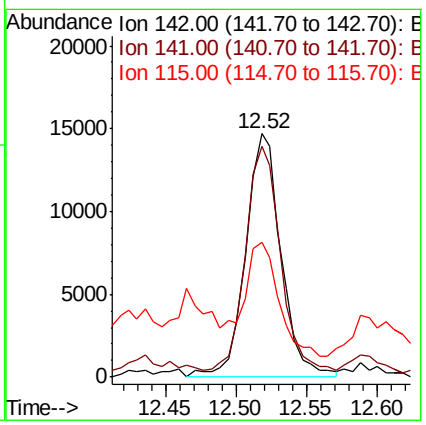
Instrument :
BNA_G
ClientSampleId :
B-6(17-18)

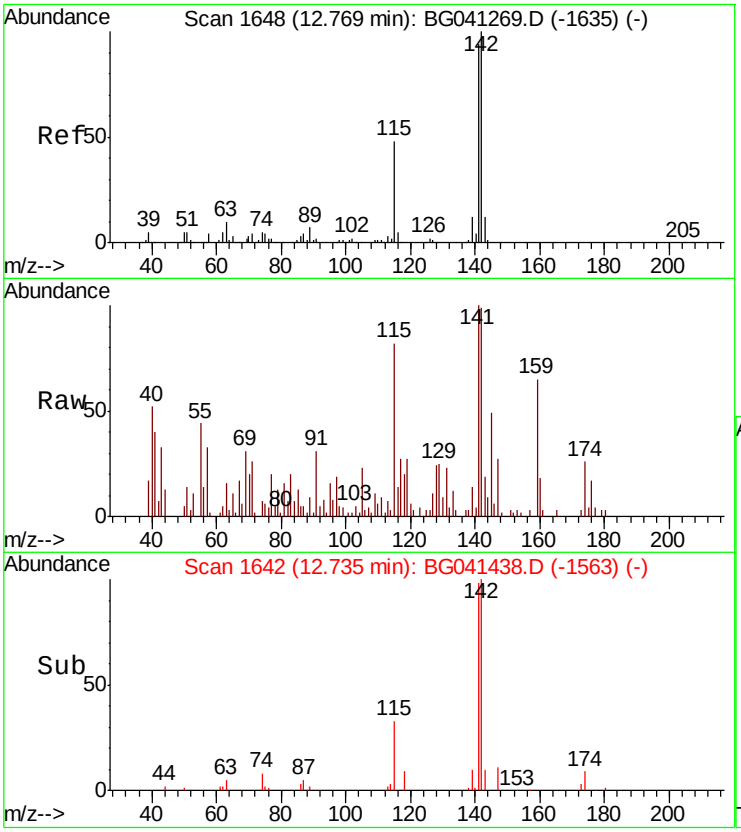


#37
2-Methylnaphthalene
Concen: 4.946 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.03 min
Lab File: BG041438.D
Acq: 25 Jun 2019 1:40

Tgt Ion:142 Resp: 25881

Ion	Ratio	Lower	Upper
142	100		
141	94.8	71.5	107.3
115	55.5	37.0	55.6



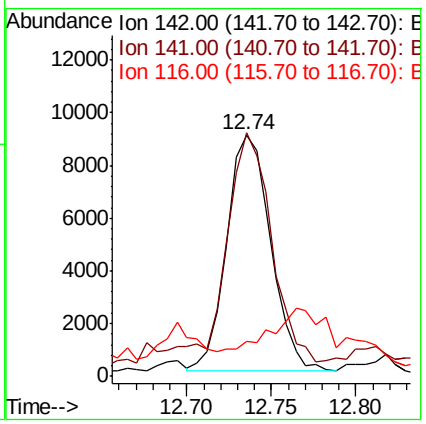


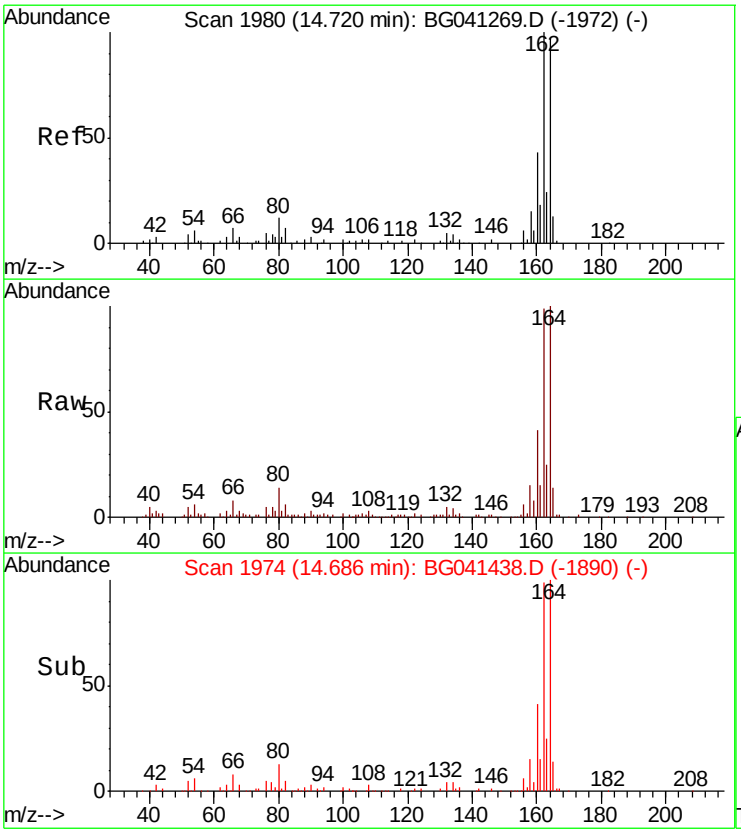
#38
1-Methylnaphthalene
Concen: 3.228 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.03 min
Lab File: BG041438.D
Acq: 25 Jun 2019 1:40

Instrument :
BNA_G
ClientSampleId :
B-6(17-18)

Tgt Ion:142 Resp: 16160

Ion	Ratio	Lower	Upper
142	100		
141	100.7	75.0	112.6
116	14.3	4.2	6.2#

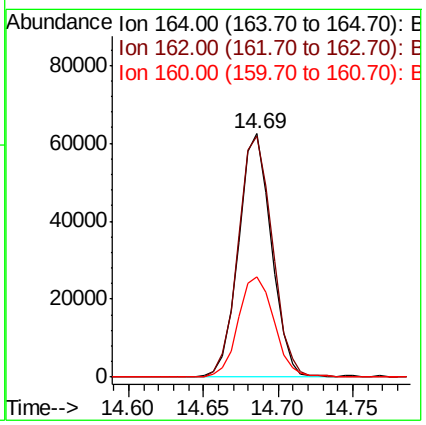


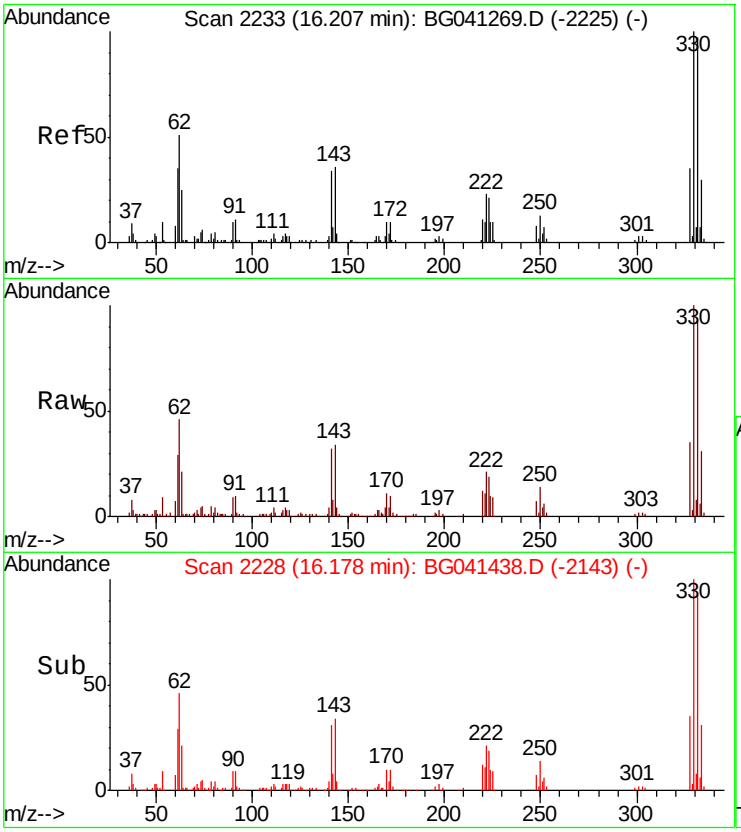


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.03 min
Lab File: BG041438.D
Acq: 25 Jun 2019 1:40

Tgt Ion:164 Resp: 95104

Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.8	124.2
160	41.2	35.8	53.8



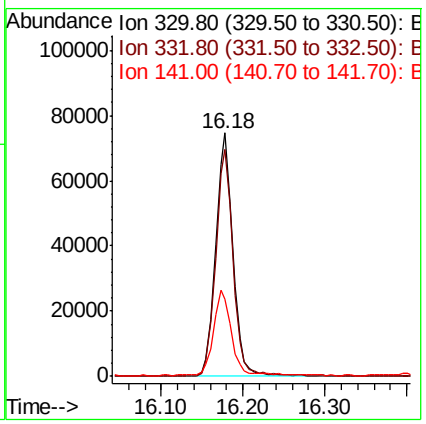


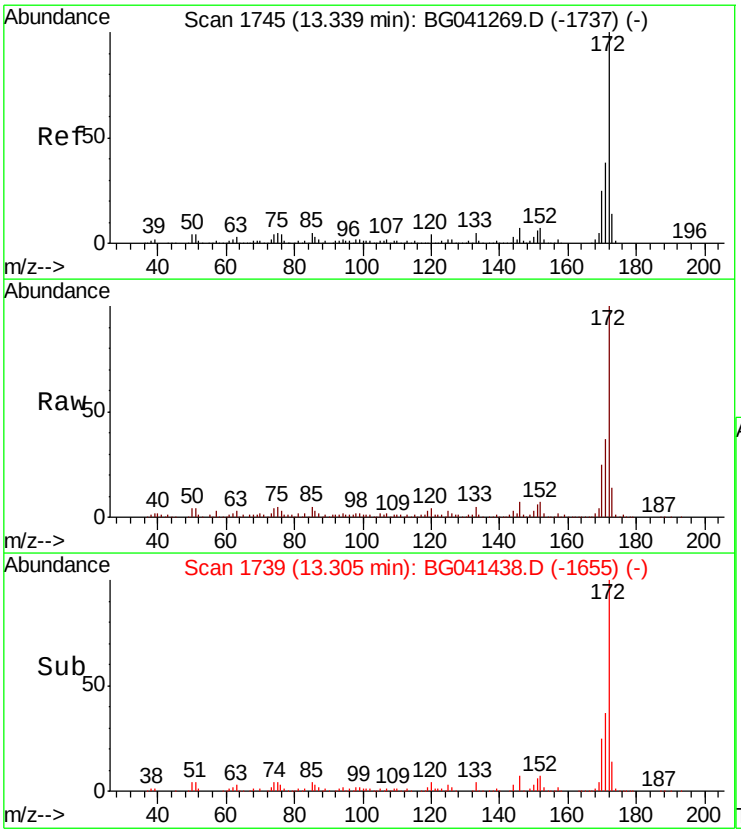
#42
2,4,6-Tribromophenol
Concen: 75.627 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.03 min
Lab File: BG041438.D
Acq: 25 Jun 2019 1:40

Instrument :
BNA_G
ClientSampleId :
B-6(17-18)

Tgt Ion:330 Resp: 110419

Ion	Ratio	Lower	Upper
330	100		
332	93.7	75.5	113.3
141	36.0	29.0	43.4

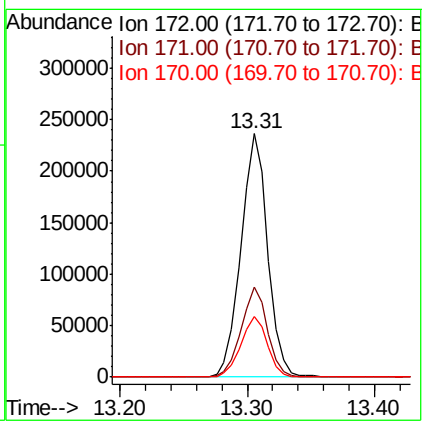


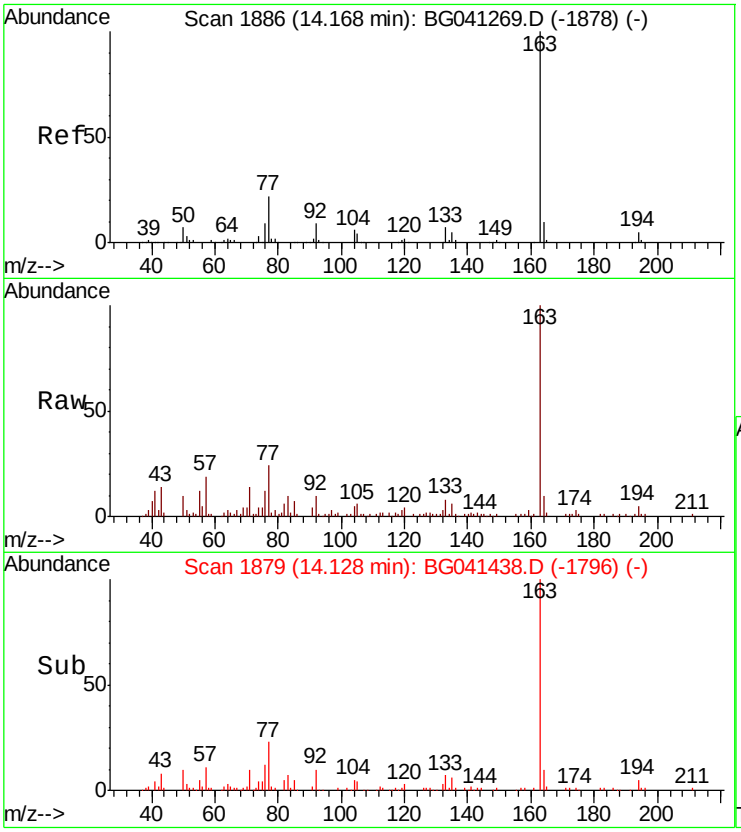


#45
2-Fluorobiphenyl
Concen: 49.232 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.03 min
Lab File: BG041438.D
Acq: 25 Jun 2019 1:40

Tgt Ion:172 Resp: 344490

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.6	19.8	29.6



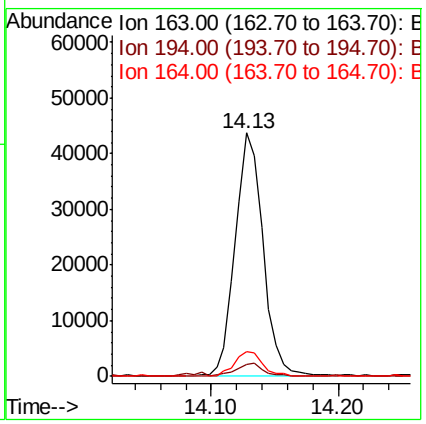


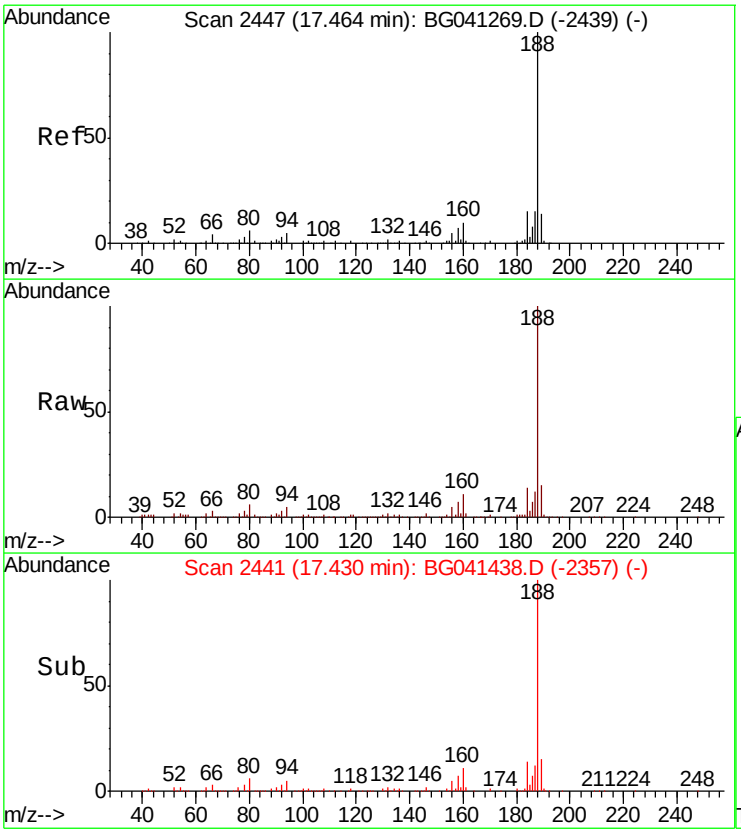
#50
Dimethylphthalate
Concen: 7.749 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BG041438.D
Acq: 25 Jun 2019 1:40

Instrument :
BNA_G
ClientSampleId :
B-6(17-18)

Tgt Ion:163 Resp: 65573

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.9	5.9
164	10.0	8.3	12.5

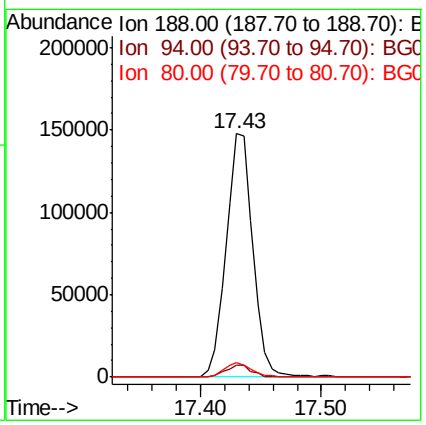


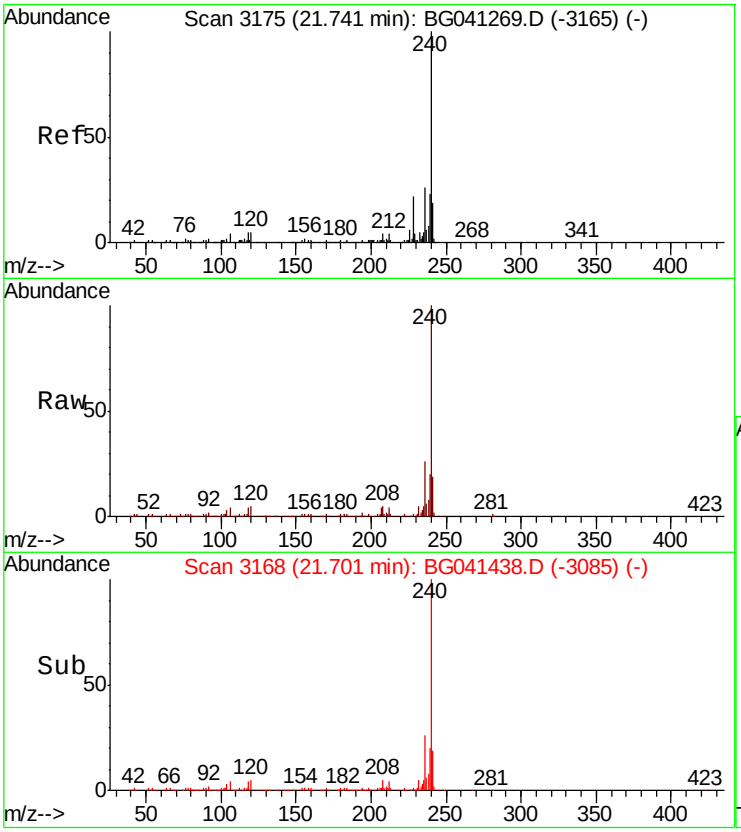


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.03 min
Lab File: BG041438.D
Acq: 25 Jun 2019 1:40

Tgt Ion:188 Resp: 227032

Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.6	5.4
80	6.2	4.8	7.2



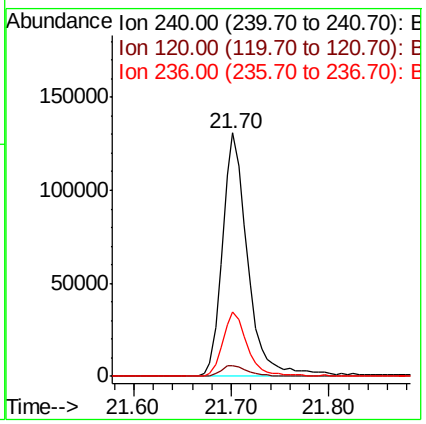


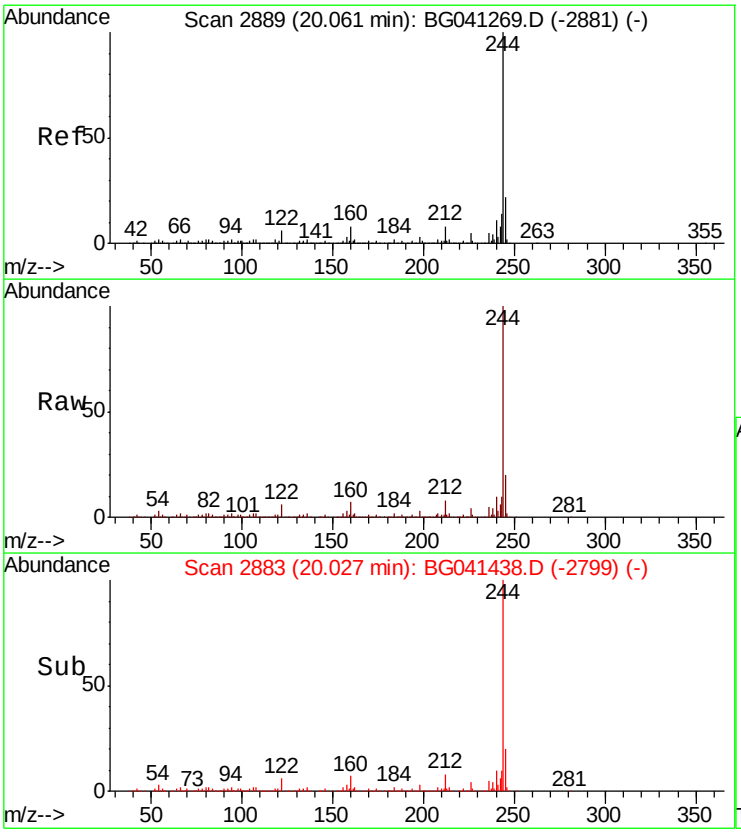
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041438.D
Acq: 25 Jun 2019 1:40

Instrument :
BNA_G
ClientSampleId :
B-6(17-18)

Tgt Ion:240 Resp: 234852

Ion	Ratio	Lower	Upper
240	100		
120	4.6	3.7	5.5
236	26.3	21.1	31.7

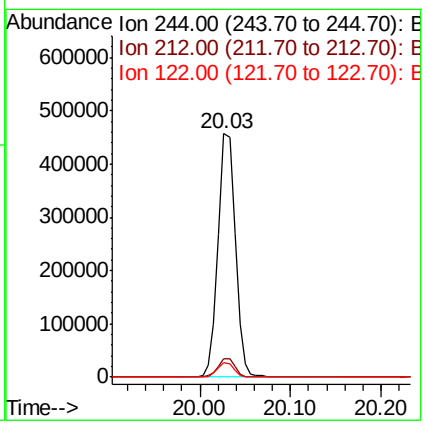


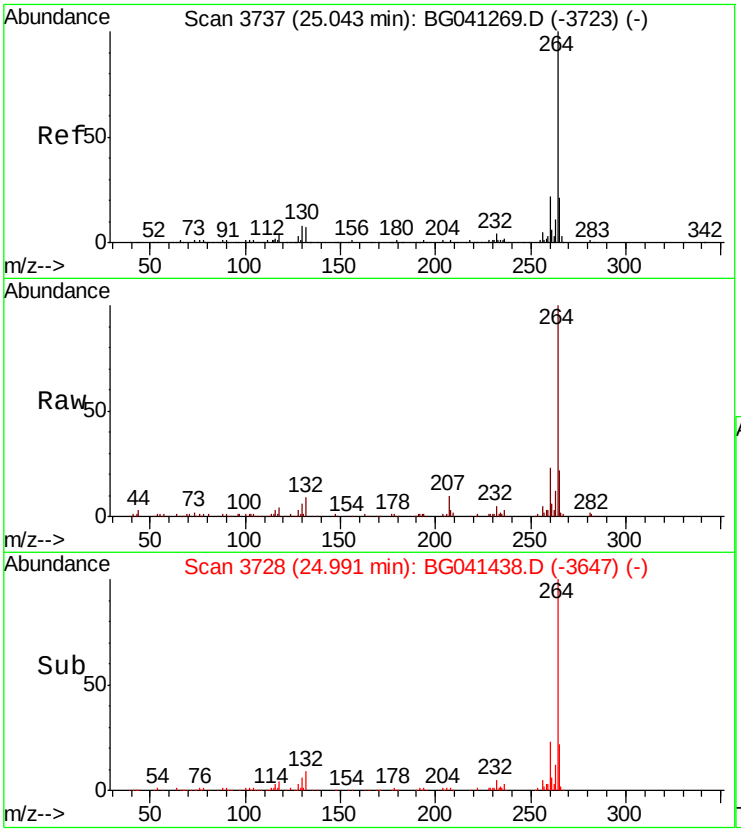


#79
Terphenyl-d14
Concen: 51.124 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.03 min
Lab File: BG041438.D
Acq: 25 Jun 2019 1:40

Tgt Ion:244 Resp: 605842

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	10.0
122	5.9	5.0	7.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG041438.D
Acq: 25 Jun 2019 1:40

Instrument :
BNA_G
ClientSampleId :
B-6(17-18)

Tgt Ion:264 Resp: 178668

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.2
265	22.2	17.2	25.8