Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
Data File : BG038307.D
Acq On : 3 Dec 2018 19:41
Operator : JU/SJ
Sample : J6060-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20180945-COMPOSITE-4

Quant Time: Dec 04 05:50:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	23927	20.00	ng		-0.02
21) Naphthalene-d8	10.90	136	103638	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	76193	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	195351	20.00	ng		0.00
76) Chrysene-d12	21.75	240	209395	20.00	ng		0.00
87) Perylene-d12	25.06	264	244967	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	174123	125.65	ng		-0.02
7) Phenol-d6	7.22	99	252376	127.58	ng		0.00
23) Nitrobenzene-d5	9.25	82	156680	80.93	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	110496	127.16	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	345568	66.07	ng		-0.02
79) Terphenyl-d14	20.06	244	634808	71.33	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.25	94	13178	6.289	ng		75
50) Dimethylphthalate	14.16	163	51814	8.578	ng		99
71) Phenanthrene	17.50	178	41867	4.186	ng		99
75) Fluoranthene	19.51	202	59671	5.229	ng		98
78) Pyrene	19.87	202	66537	4.860	ng		97
81) Benzo(a)anthracene	21.72	228	27411	2.166	ng		96
83) Chrysene	21.79	228	28241	2.333	ng		95
88) Benzo(b)fluoranthene	24.00	252	32446	2.407	ng	#	94
90) Benzo(a)pyrene	24.89	252	27573	2.140	ng	#	95

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

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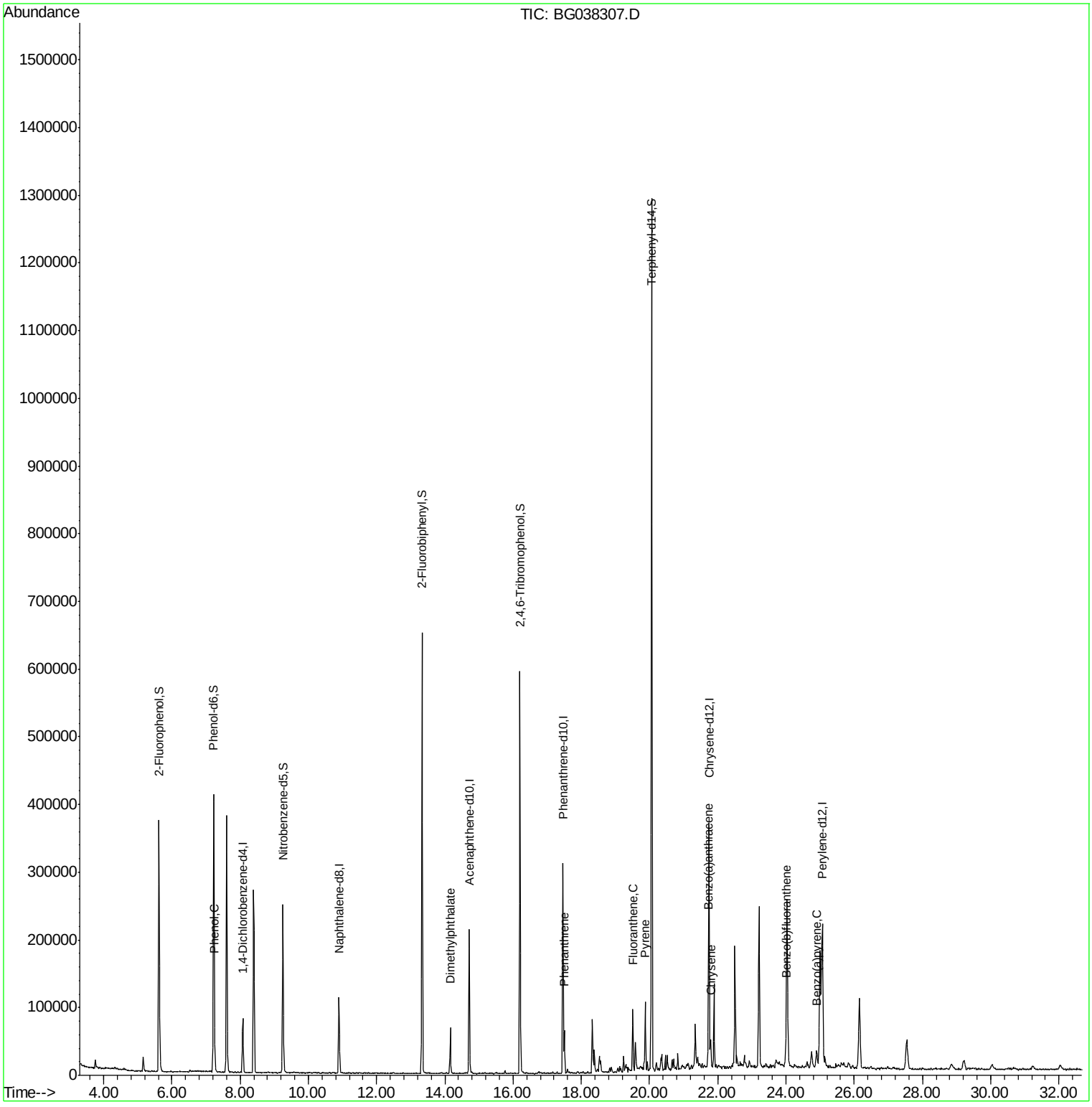
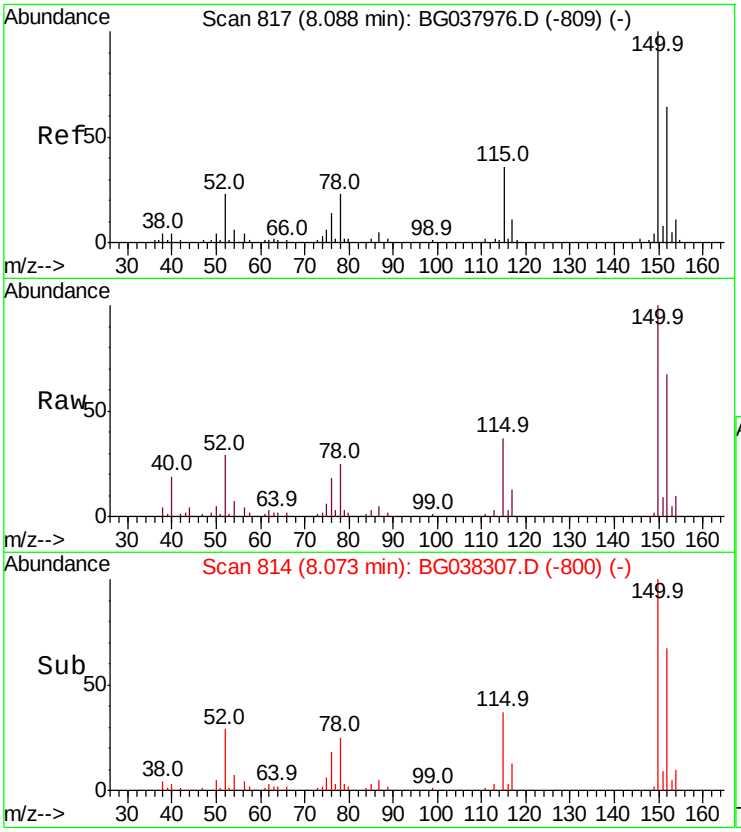


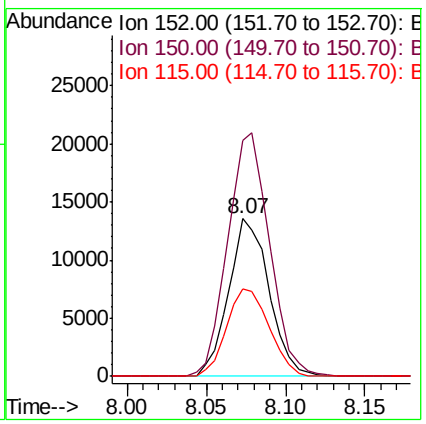


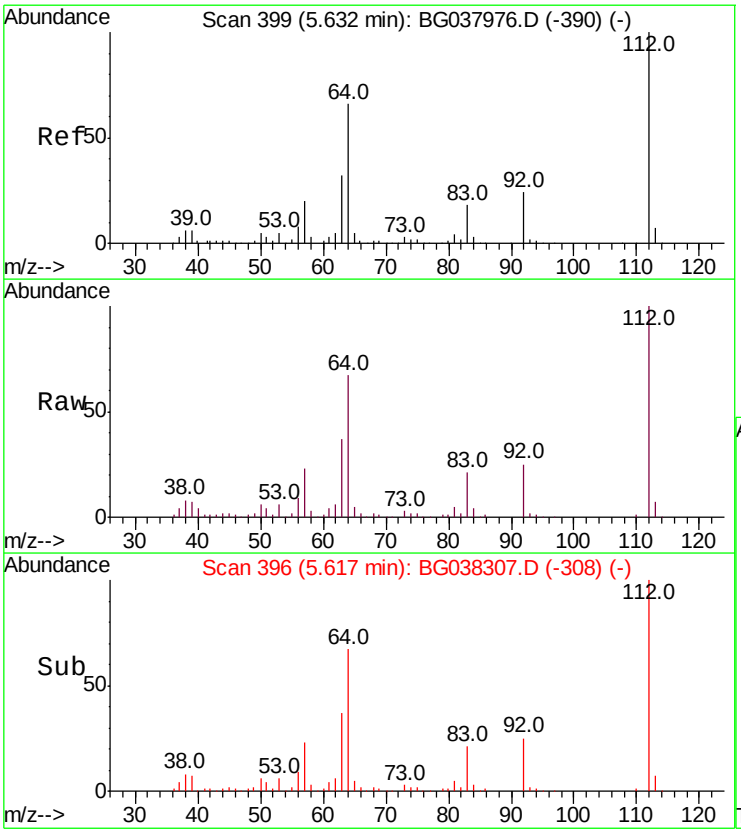
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.02 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Instrument :
BNA_G
ClientSampleId :
20180945-COMPOSITE-4

Tgt Ion:152 Resp: 23927

Ion	Ratio	Lower	Upper
152	100		
150	149.4	126.0	189.0
115	55.4	45.5	68.3

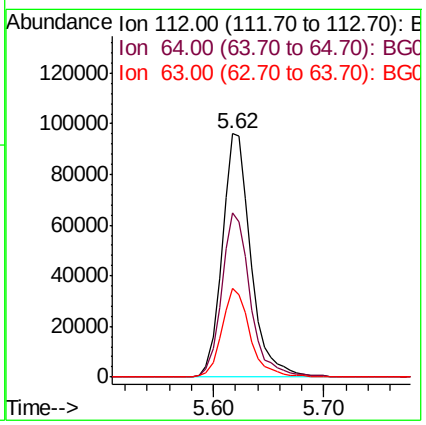


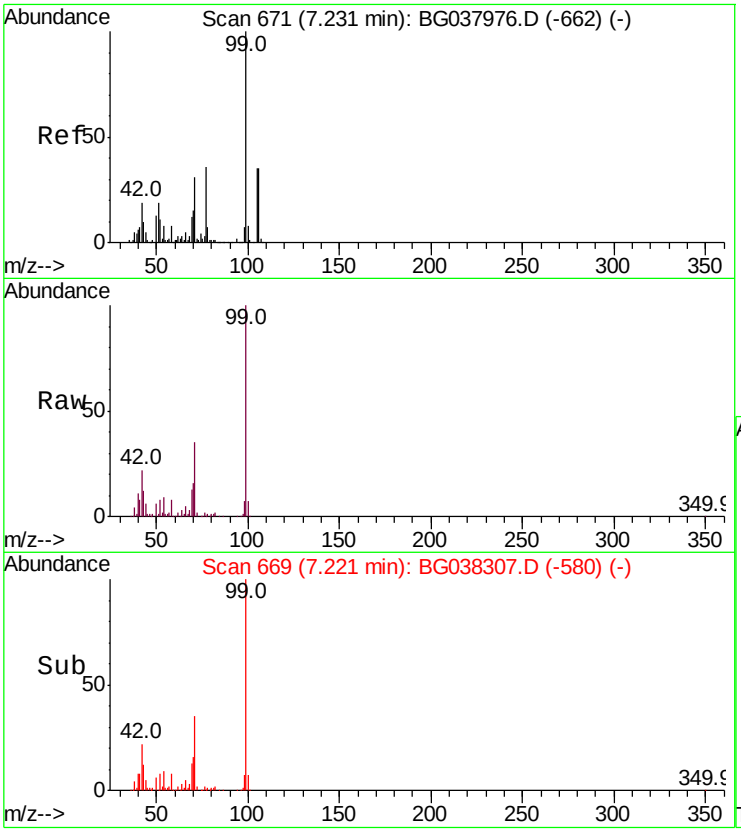


#5
2-Fluorophenol
Concen: 125.647 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.02 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Tgt Ion:112 Resp: 174123

Ion	Ratio	Lower	Upper
112	100		
64	67.4	53.1	79.7
63	36.6	27.3	40.9



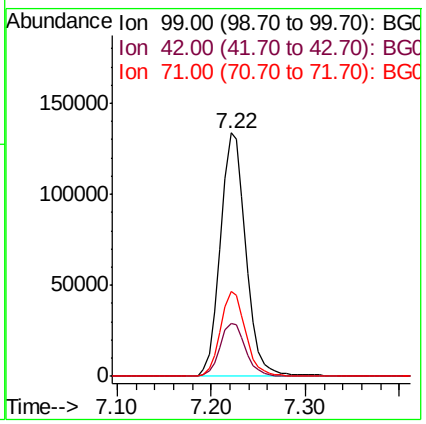


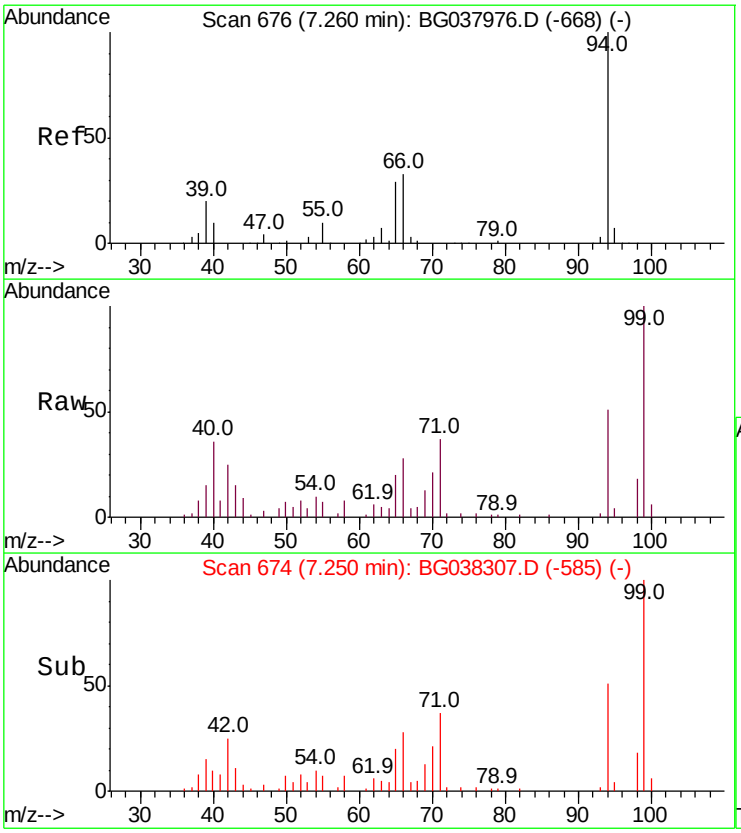
#7
Phenol-d6
Concen: 127.581 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Instrument :
BNA_G
ClientSampleId :
20180945-COMPOSITE-4

Tgt Ion: 99 Resp: 252376

Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.0	22.4
71	35.0	25.5	38.3

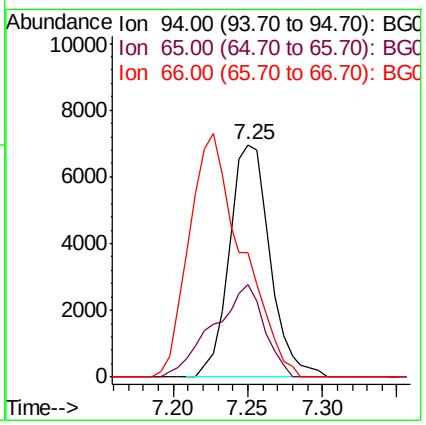


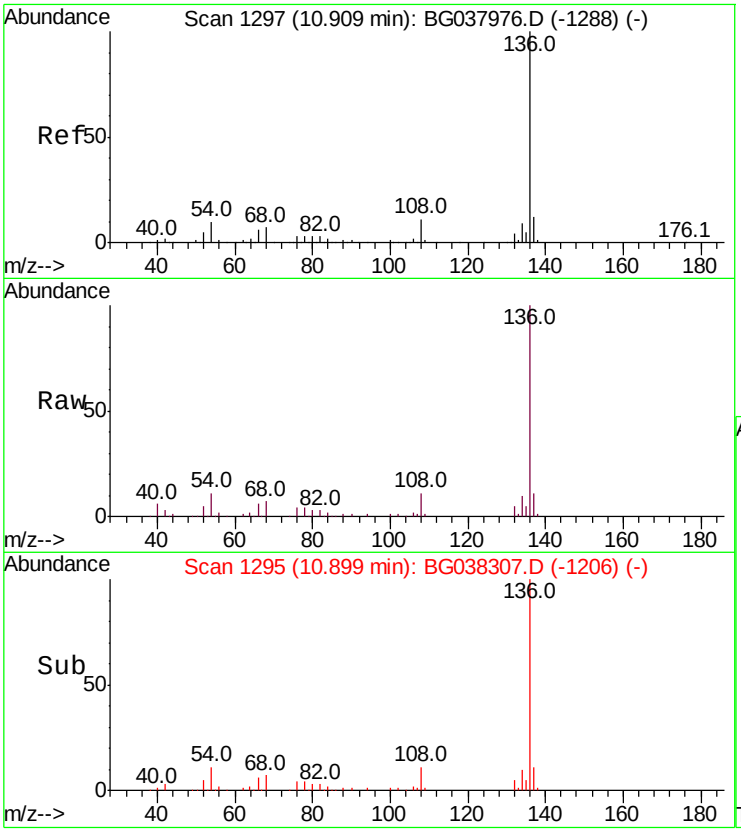


#10
Phenol
Concen: 6.289 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.01 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Tgt Ion: 94 Resp: 13178

Ion	Ratio	Lower	Upper
94	100		
65	39.8	9.7	49.7
66	53.8	15.9	55.9



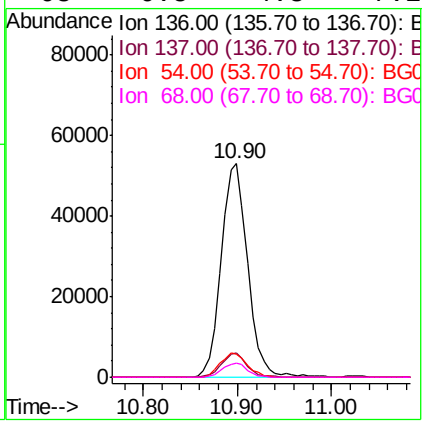


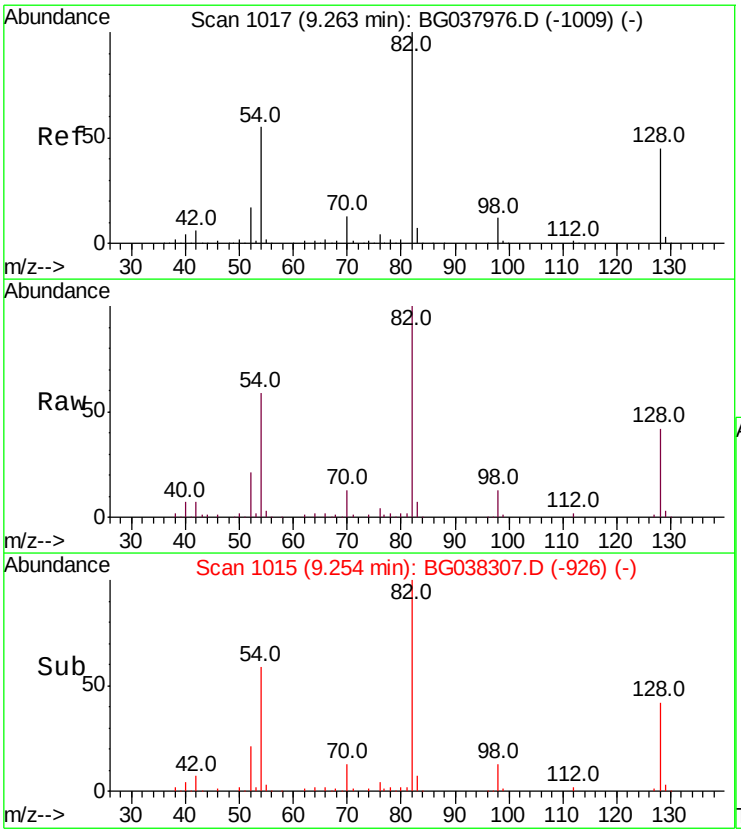
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Instrument :
BNA_G
ClientSampleId :
20180945-COMPOSITE-4

Tgt Ion:136 Resp: 103638

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.6	7.9	11.9
68	6.5	4.8	7.2

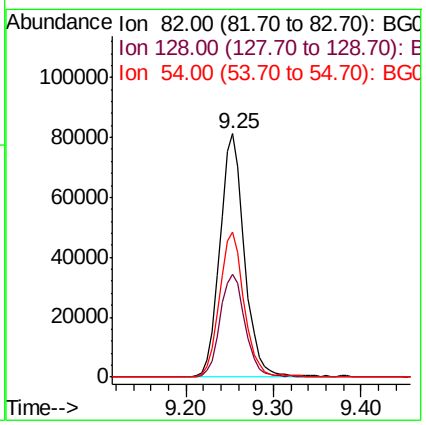


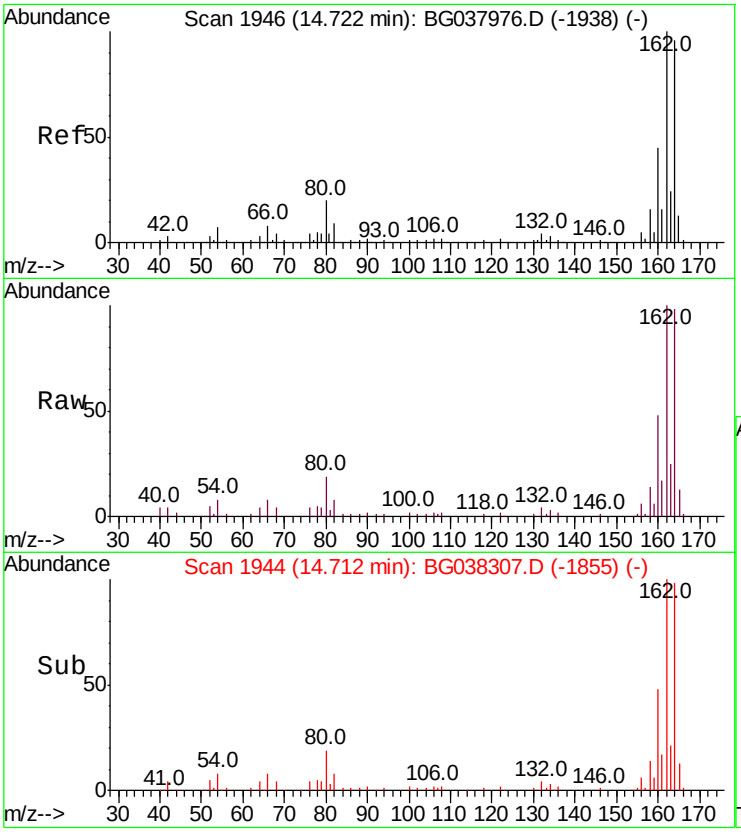


#23
Nitrobenzene-d5
Concen: 80.927 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Tgt Ion: 82 Resp: 156680

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	51.8
54	59.4	45.3	67.9



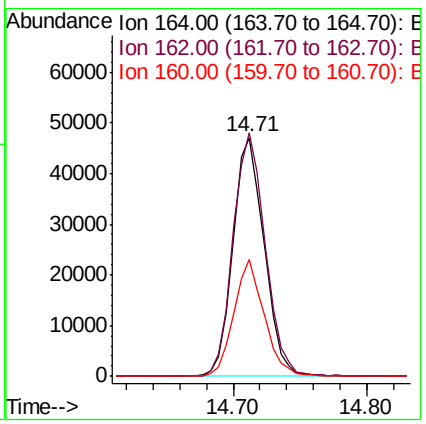


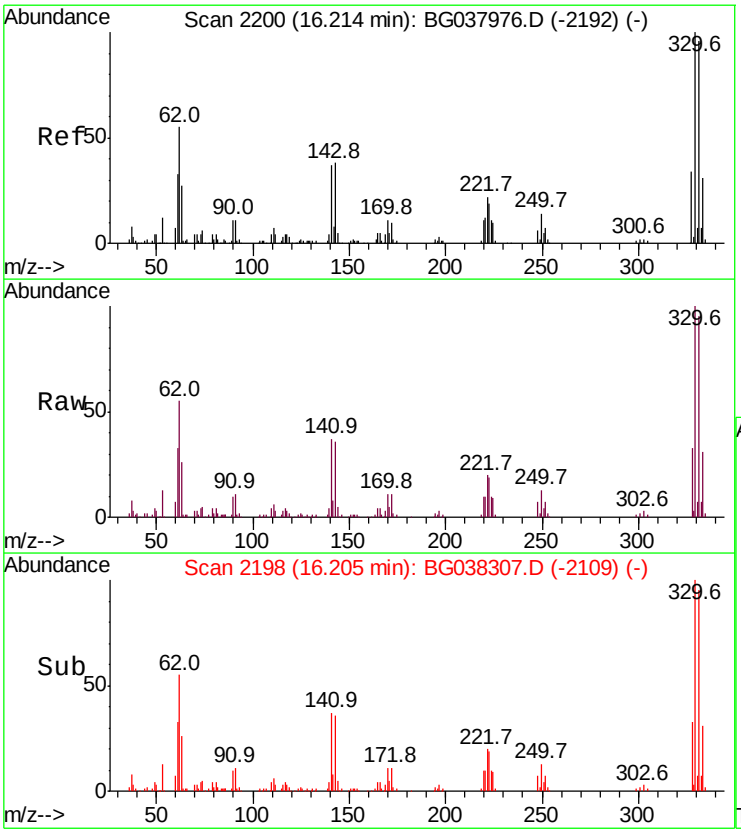
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Instrument :
BNA_G
ClientSampleId :
20180945-COMPOSITE-4

Tgt Ion:164 Resp: 76193

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.3	121.9
160	49.2	36.3	54.5

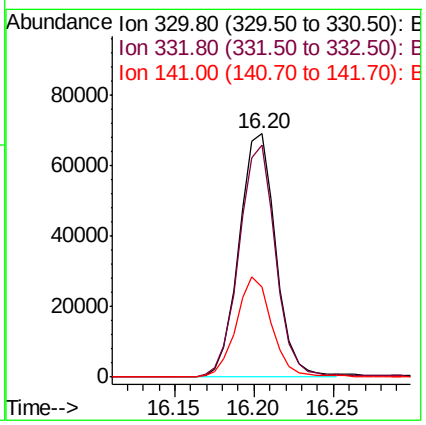


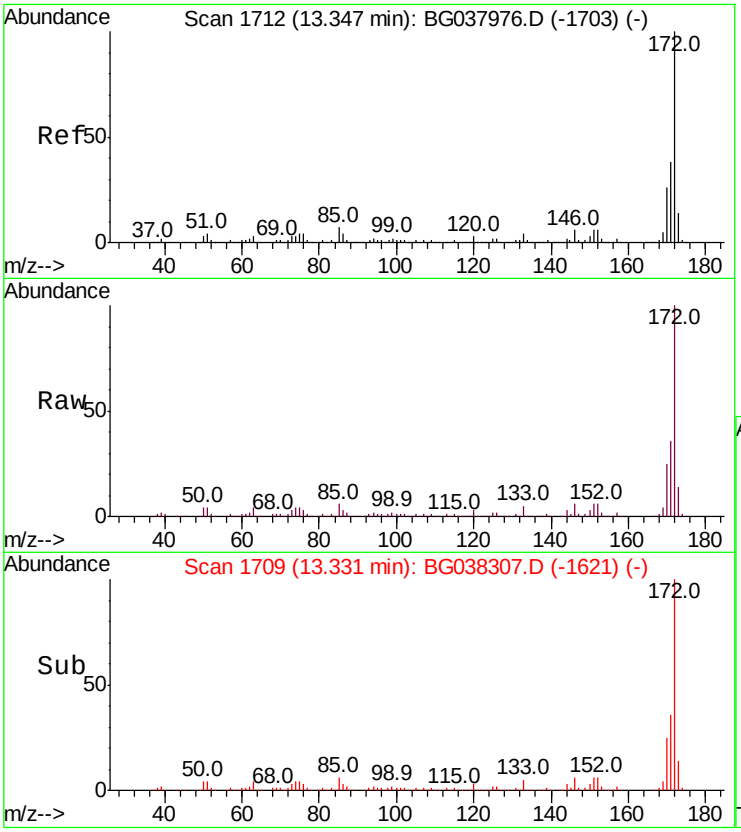


#42
2,4,6-Tribromophenol
Concen: 127.158 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Tgt Ion:330 Resp: 110496

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.4	117.6
141	40.3	32.2	48.2



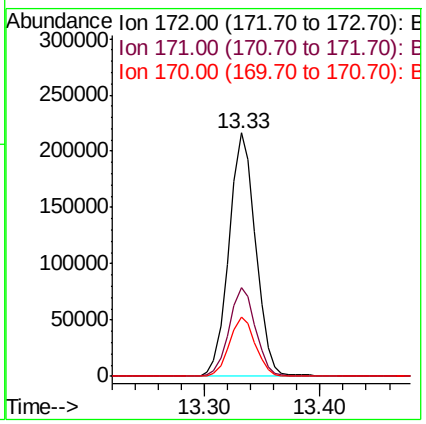


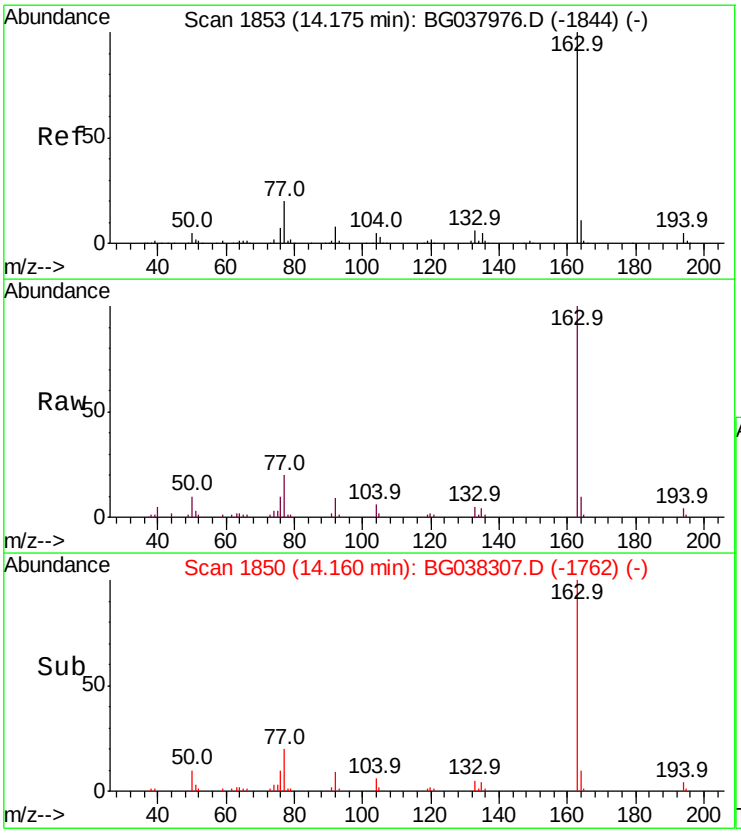
#45
2-Fluorobiphenyl
Concen: 66.074 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Instrument :
BNA_G
ClientSampleId :
20180945-COMPOSITE-4

Tgt Ion:172 Resp: 345568

Ion	Ratio	Lower	Upper
172	100		
171	36.3	31.0	46.4
170	24.5	20.2	30.2

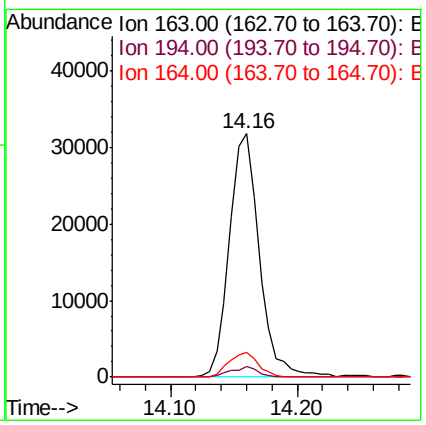


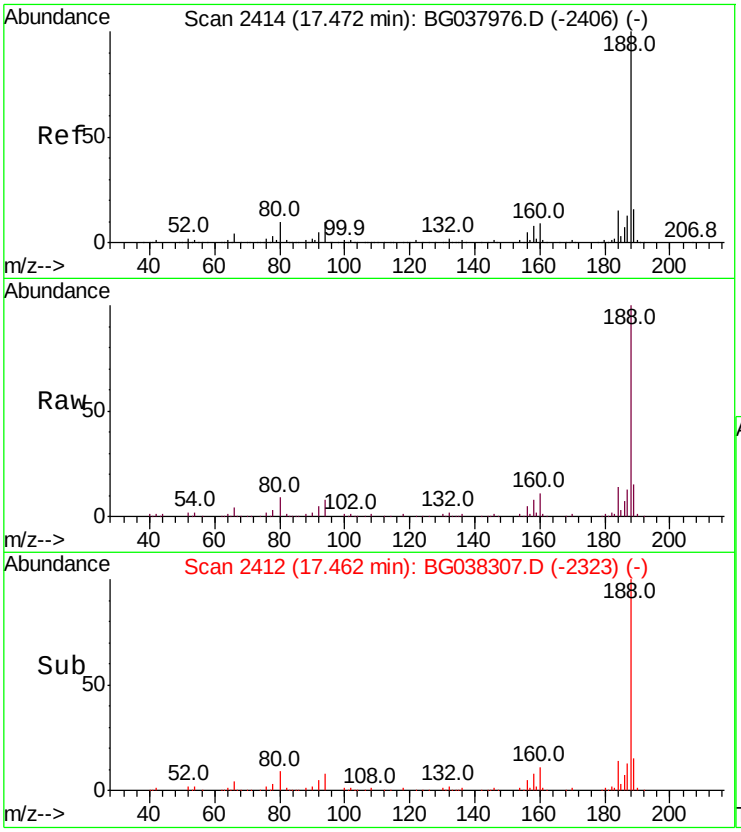


#50
Dimethylphthalate
Concen: 8.578 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.02 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Tgt Ion:163 Resp: 51814

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.9	8.5	12.7



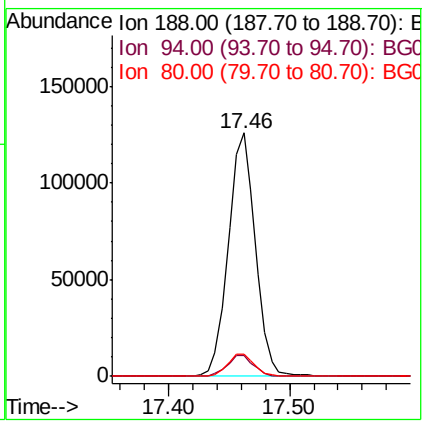


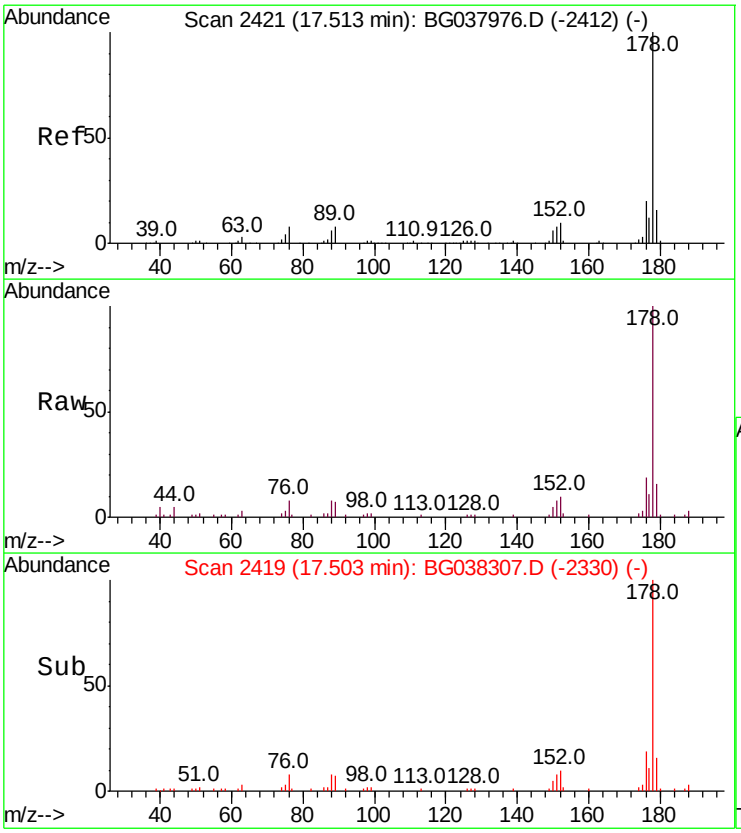
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Instrument :
BNA_G
ClientSampleId :
20180945-COMPOSITE-4

Tgt Ion:188 Resp: 195351

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	9.2	7.7	11.5

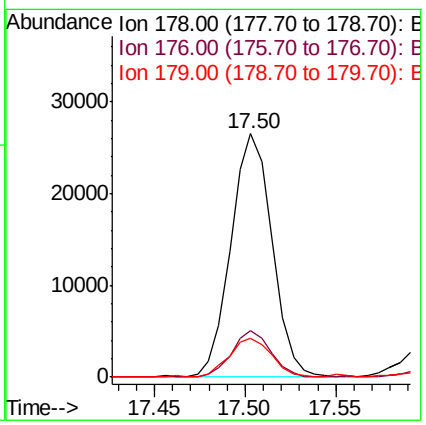


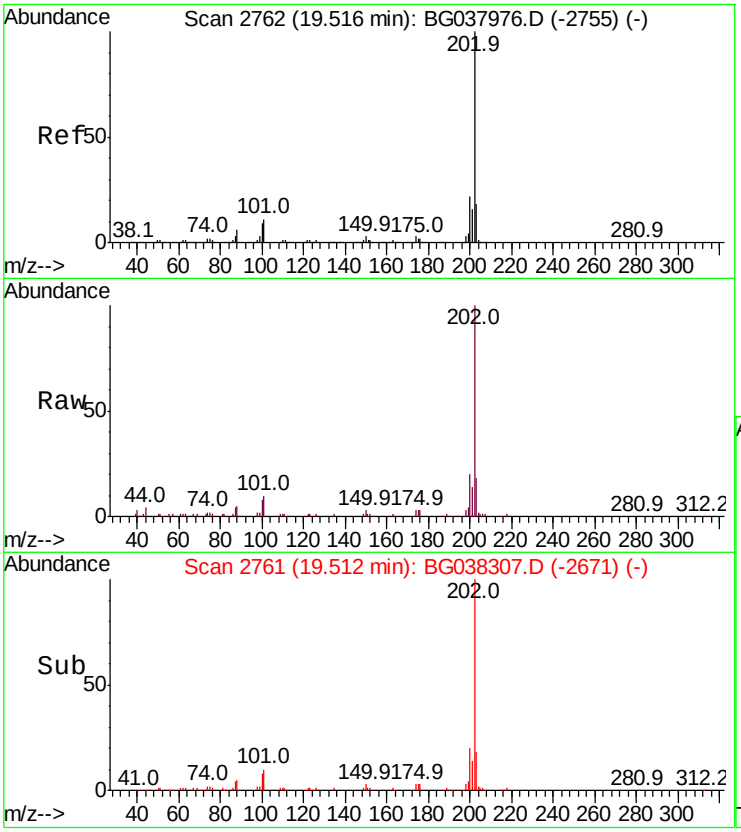


#71
Phenanthrene
Concen: 4.186 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Tgt Ion:178 Resp: 41867

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.1	24.1
179	15.9	13.0	19.4



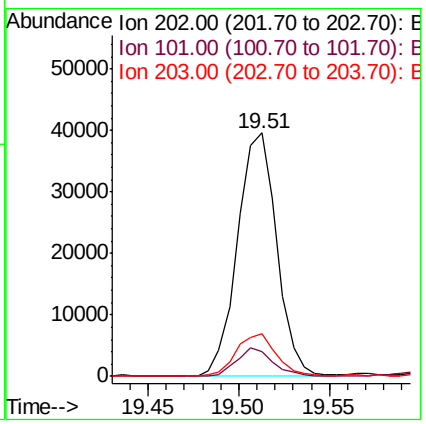


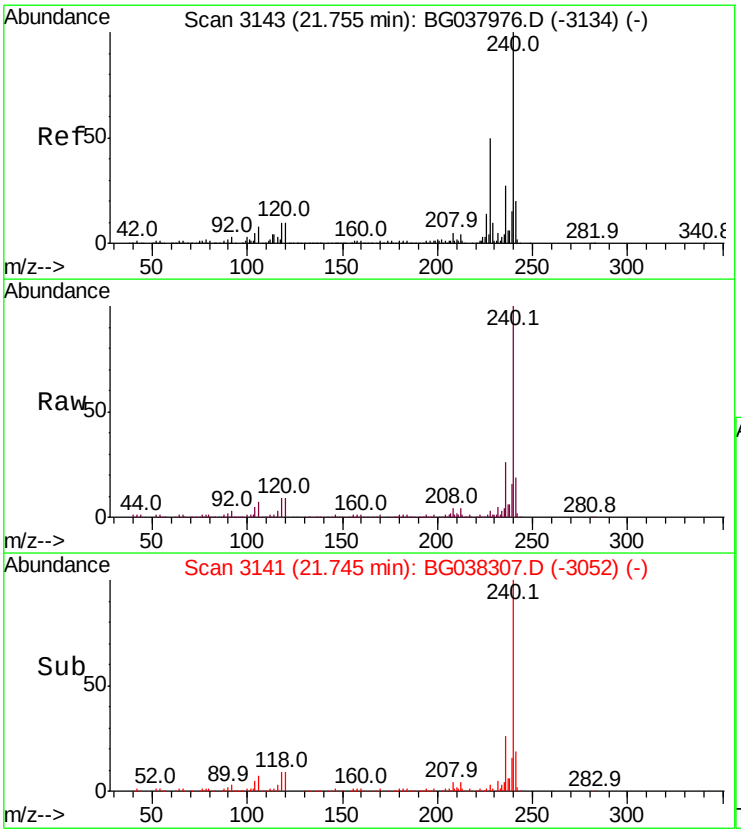
#75
Fluoranthene
Concen: 5.229 ng
RT: 19.51 min Scan# 2761
Delta R.T. -0.00 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Instrument :
BNA_G
ClientSampleId :
20180945-COMPOSITE-4

Tgt Ion:202 Resp: 59671

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.7
203	17.6	0.0	38.5

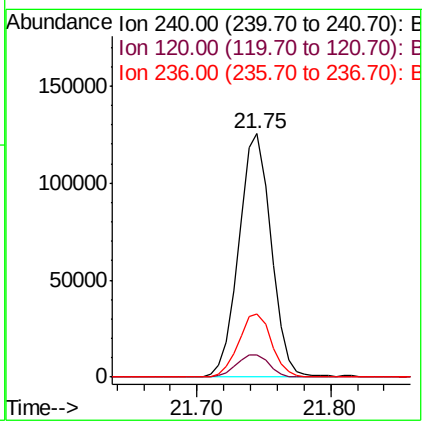


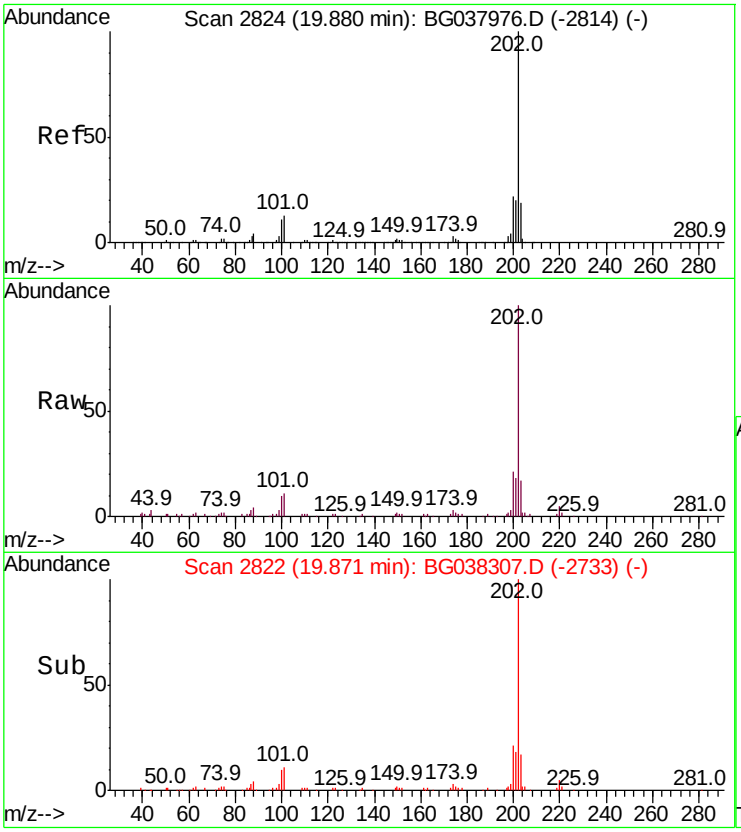


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Tgt Ion:240 Resp: 209395

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.1	12.1
236	25.9	21.4	32.0



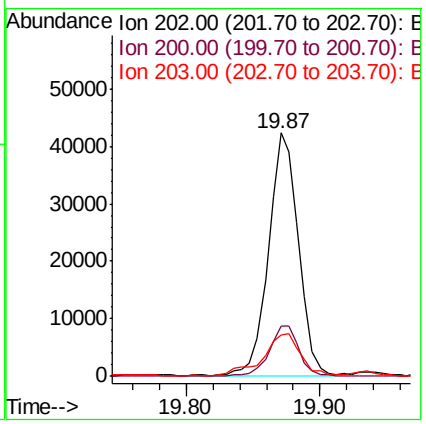


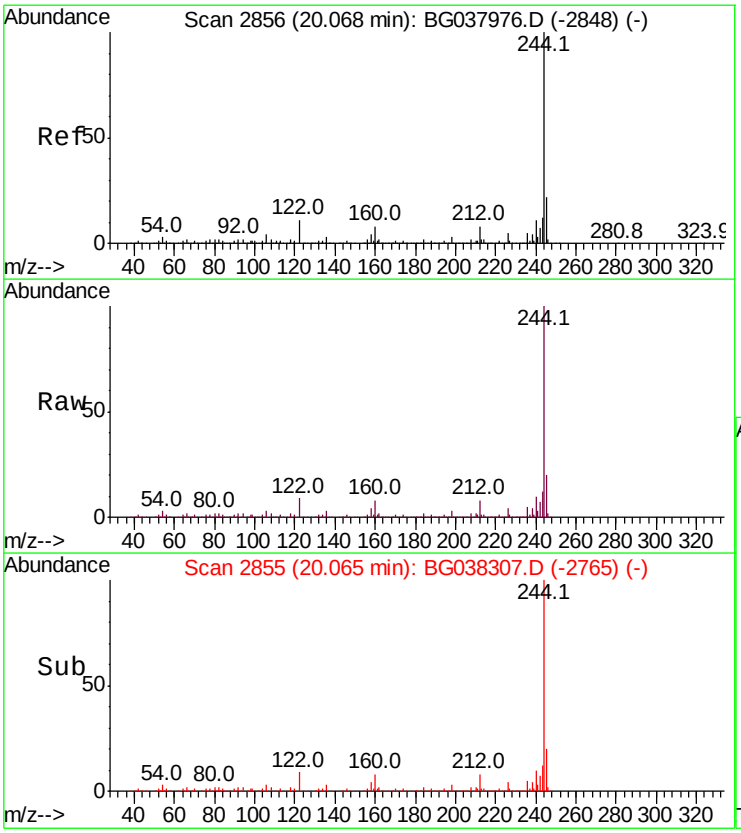
#78
Pyrene
Concen: 4.860 ng
RT: 19.87 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Instrument :
BNA_G
ClientSampleId :
20180945-COMPOSITE-4

Tgt Ion:202 Resp: 66537

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	17.2	15.2	22.8

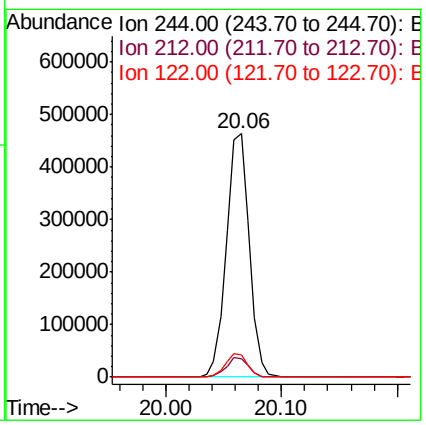


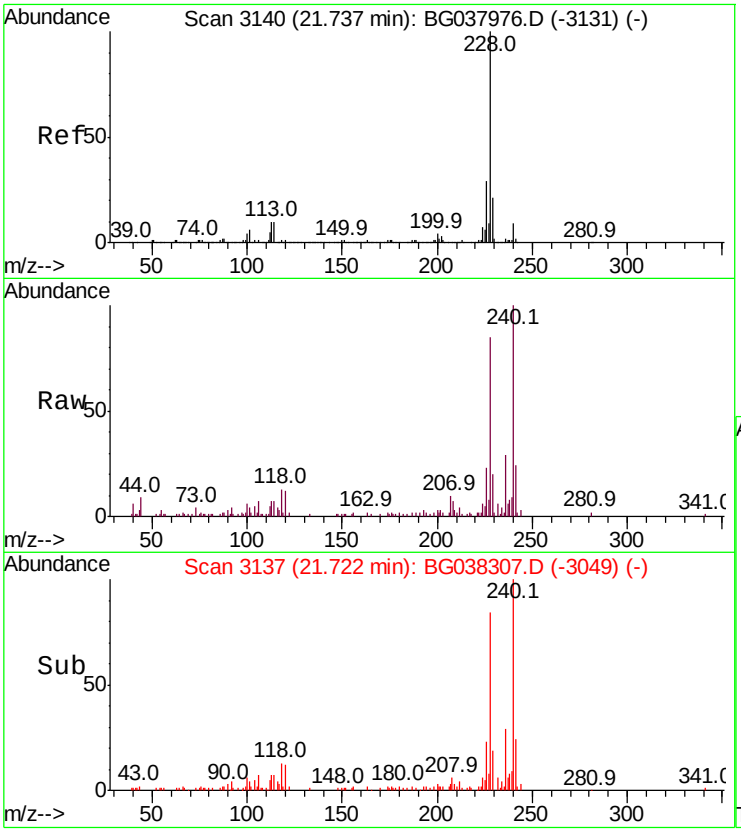


#79
Terphenyl-d14
Concen: 71.335 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Tgt Ion:244 Resp: 634808

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	9.2	9.0	13.4



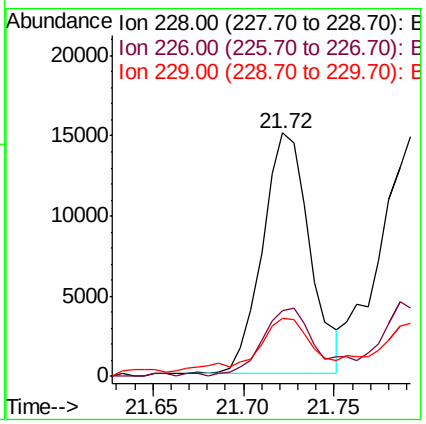


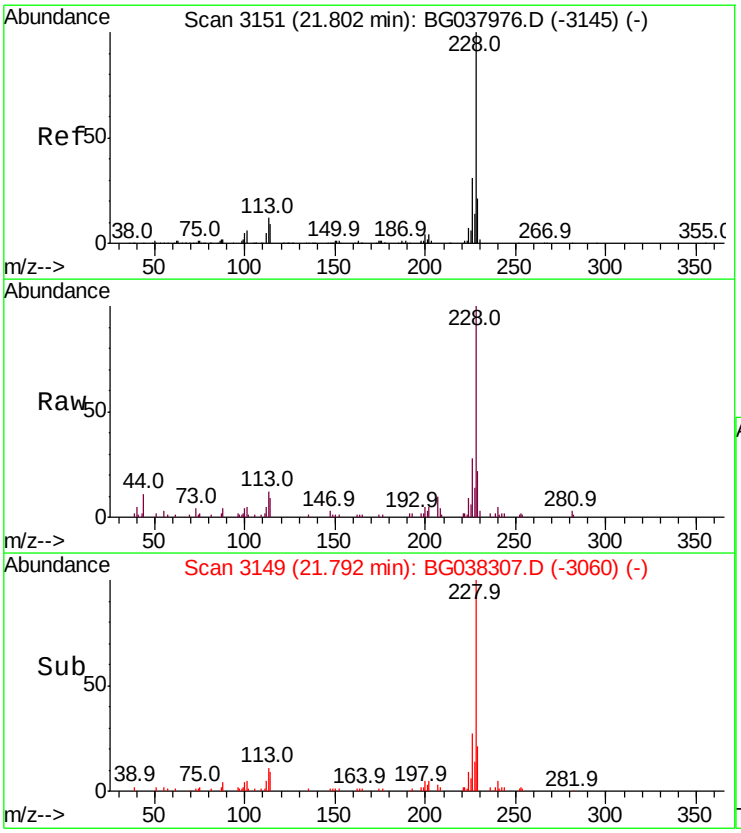
#81
Benzo(a)anthracene
Concen: 2.166 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.02 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Instrument :
BNA_G
ClientSampleId :
20180945-COMPOSITE-4

Tgt Ion:228 Resp: 27411

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	23.6	16.3	24.5

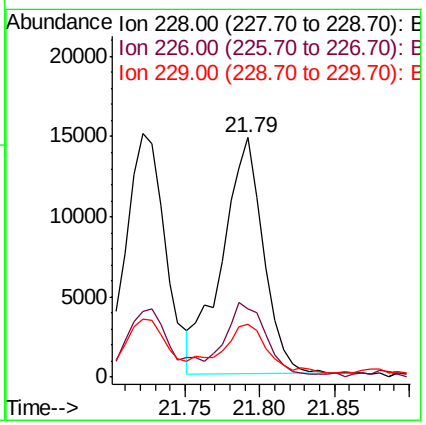


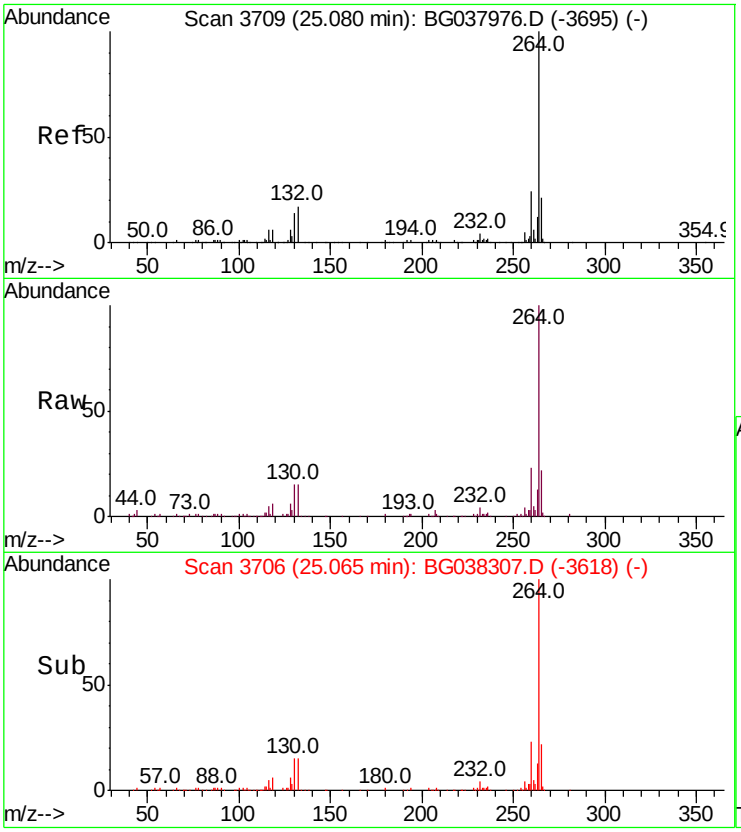


#83
Chrysene
Concen: 2.333 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Tgt Ion:228 Resp: 28241

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.7	38.5
229	22.0	16.5	24.7



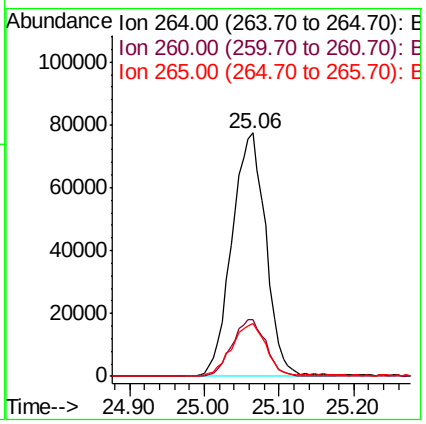


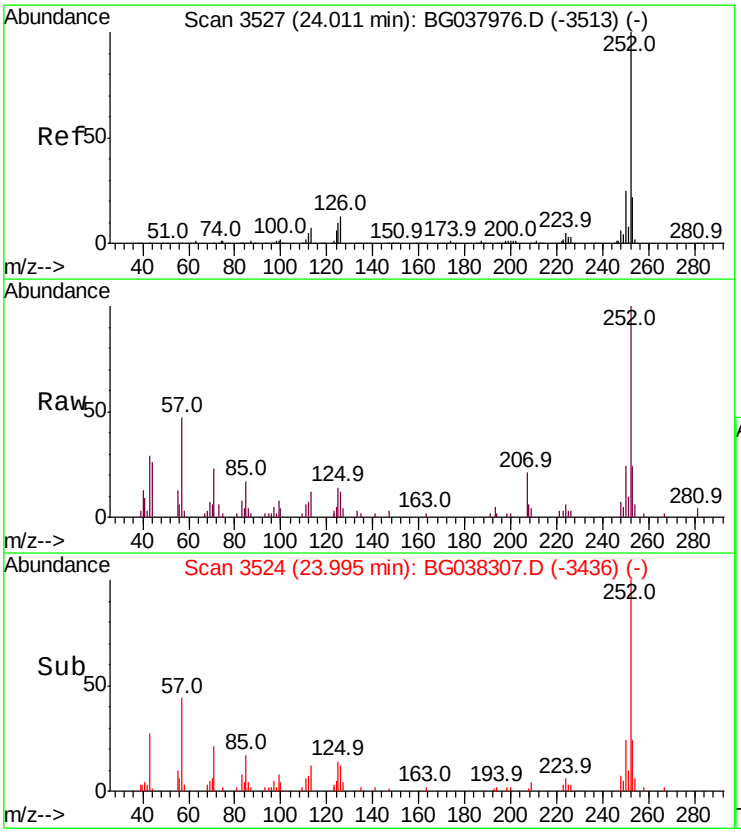
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.02 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Instrument :
BNA_G
ClientSampleId :
20180945-COMPOSITE-4

Tgt Ion:264 Resp: 244967

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.0	17.9	26.9

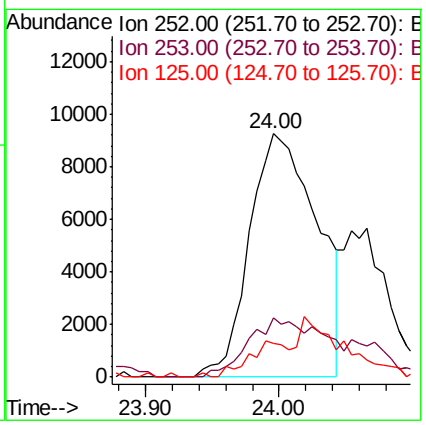


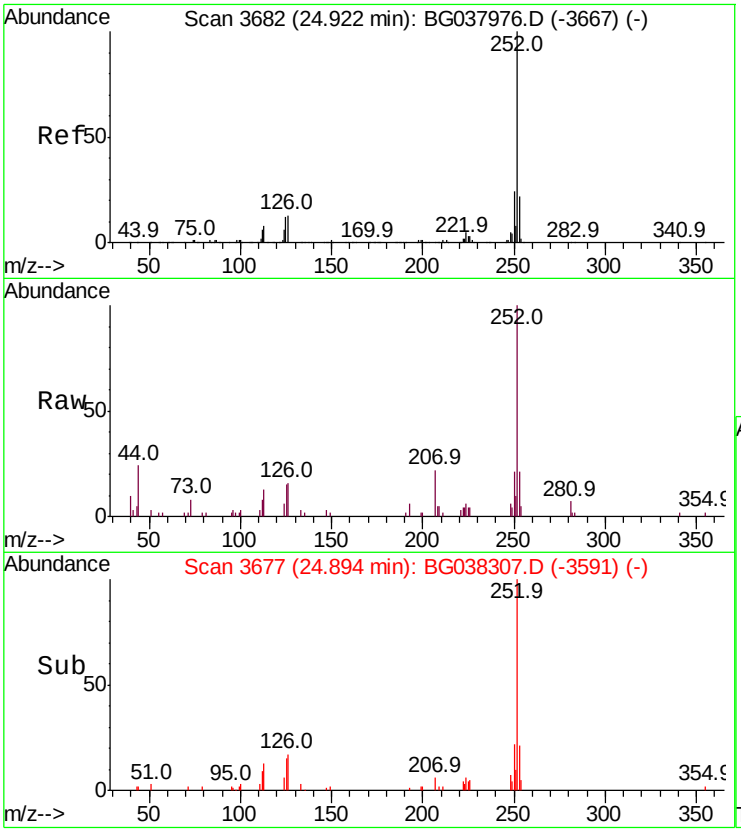


#88
Benzo(b)fluoranthene
Concen: 2.407 ng
RT: 24.00 min Scan# 3524
Delta R.T. -0.02 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Tgt Ion:252 Resp: 32446

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	13.9	7.8	11.6#





#90
Benzo(a)pyrene
Concen: 2.140 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.03 min
Lab File: BG038307.D
Acq: 3 Dec 2018 19:41

Instrument :
BNA_G
ClientSampleId :
20180945-COMPOSITE-4

Tgt Ion:252 Resp: 27573

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.4	26.2
125	14.6	9.0	13.6#