Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040966.D
Acq On : 31 May 2019 1:15
Operator : HP/JU
Sample : K3074-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3B-D

Quant Time: May 31 04:53:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	67744	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	259942	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	190497	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	506295	20.00	ng	0.00
76) Chrysene-d12	21.78	240	507329	20.00	ng	0.00
87) Perylene-d12	25.11	264	537139	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	503283	133.96	ng	0.00
7) Phenol-d6	7.27	99	750925	129.42	ng	0.00
23) Nitrobenzene-d5	9.30	82	515609	88.06	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	413464	146.20	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1170575	88.49	ng	0.00
79) Terphenyl-d14	20.09	244	1972705	82.53	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.19	163	140827	8.733	ng	# 97
75) Fluoranthene	19.54	202	130461	4.005	ng	96
78) Pyrene	19.90	202	128907	3.909	ng	97
81) Benzo(a)anthracene	21.75	228	91540	2.711	ng	99
83) Chrysene	21.82	228	85563	2.648	ng	98
86) Indeno(1,2,3-cd)pyrene	28.94	276	80550	2.035	ng	99
88) Benzo(b)fluoranthene	24.05	252	130541	4.007	ng	93
90) Benzo(a)pyrene	24.95	252	97624	3.141	ng	93
92) Benzo(g,h,i)perylene	30.14	276	80171	2.657	ng	97

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

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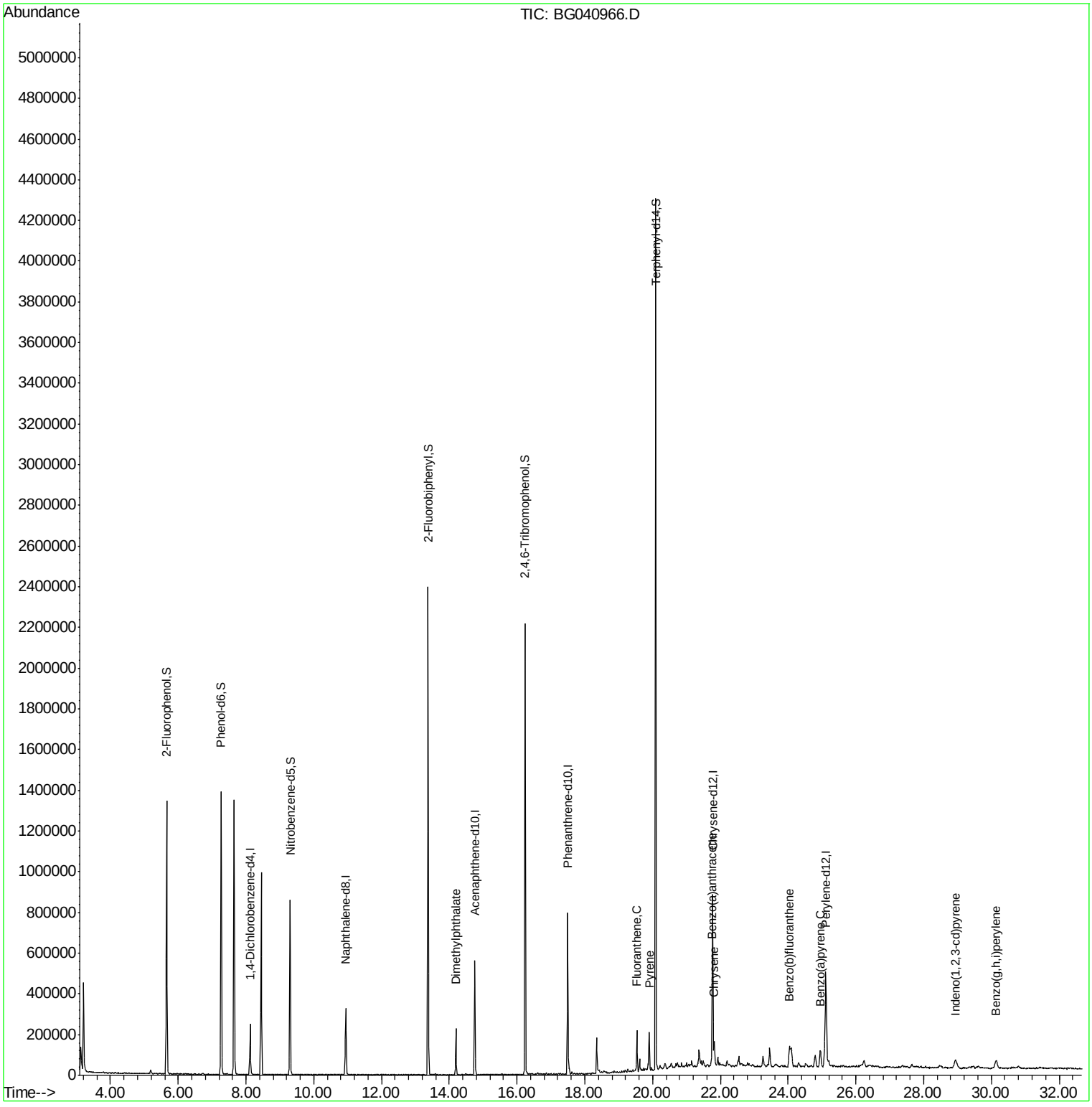
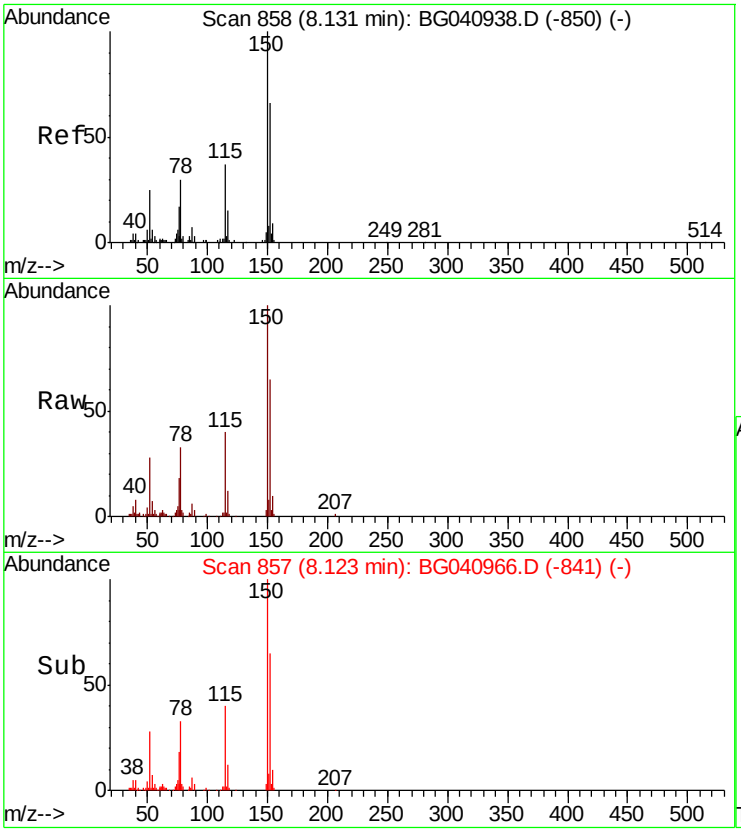
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



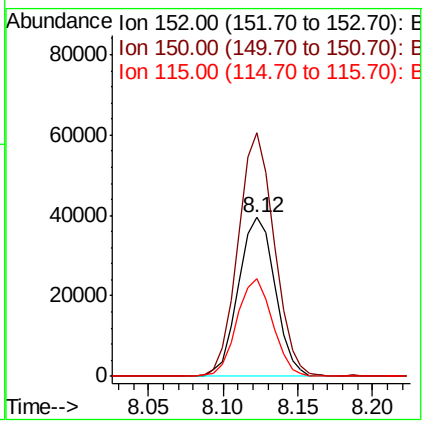


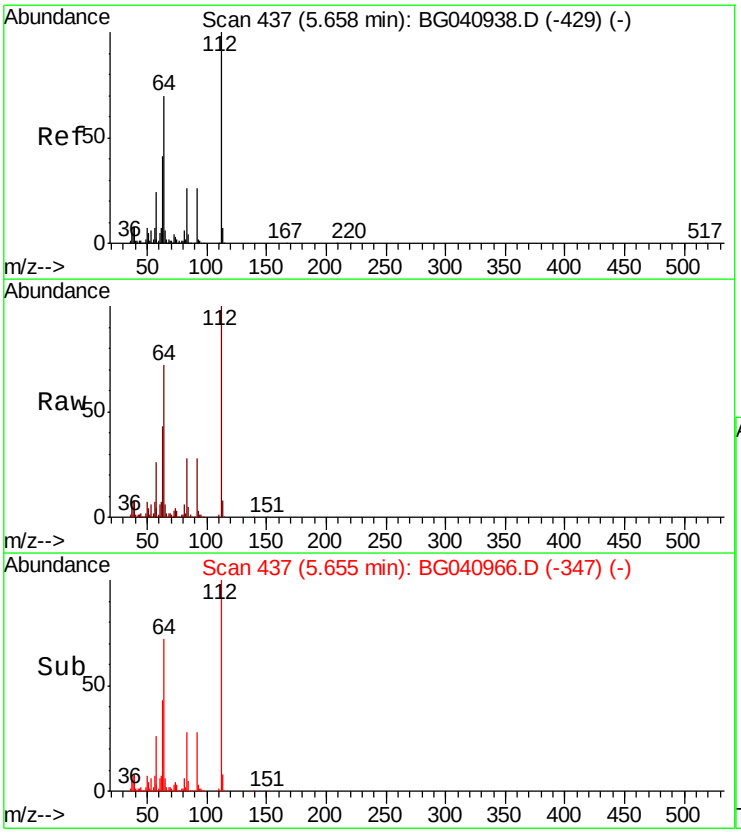
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Instrument :
BNA_G
ClientSampleId :
TP-3B-D

Tgt Ion:152 Resp: 67744

Ion	Ratio	Lower	Upper
152	100		
150	153.3	120.6	180.8
115	61.8	45.1	67.7

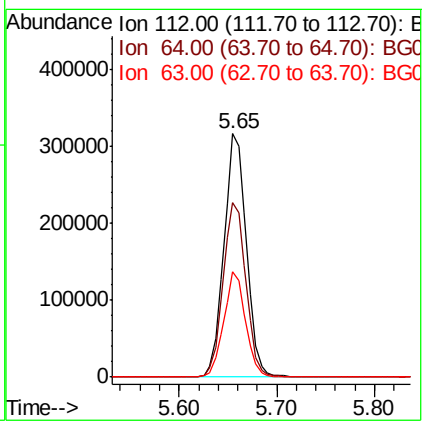


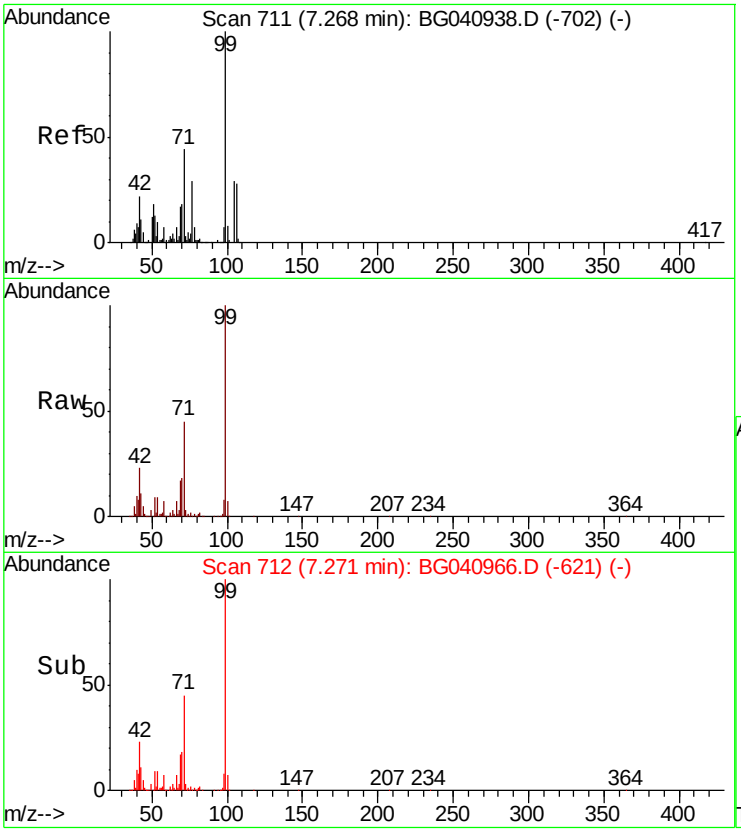


#5
2-Fluorophenol
Concen: 133.964 ng
RT: 5.65 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Tgt Ion:112 Resp: 503283

Ion	Ratio	Lower	Upper
112	100		
64	71.6	56.2	84.2
63	43.3	32.8	49.2



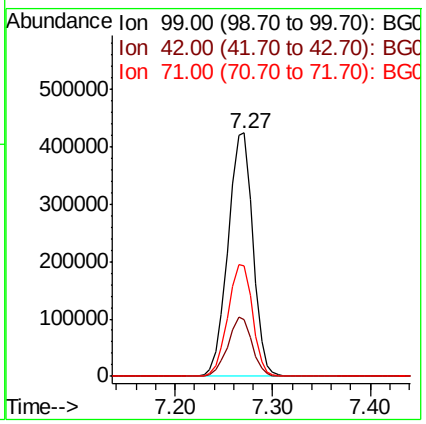


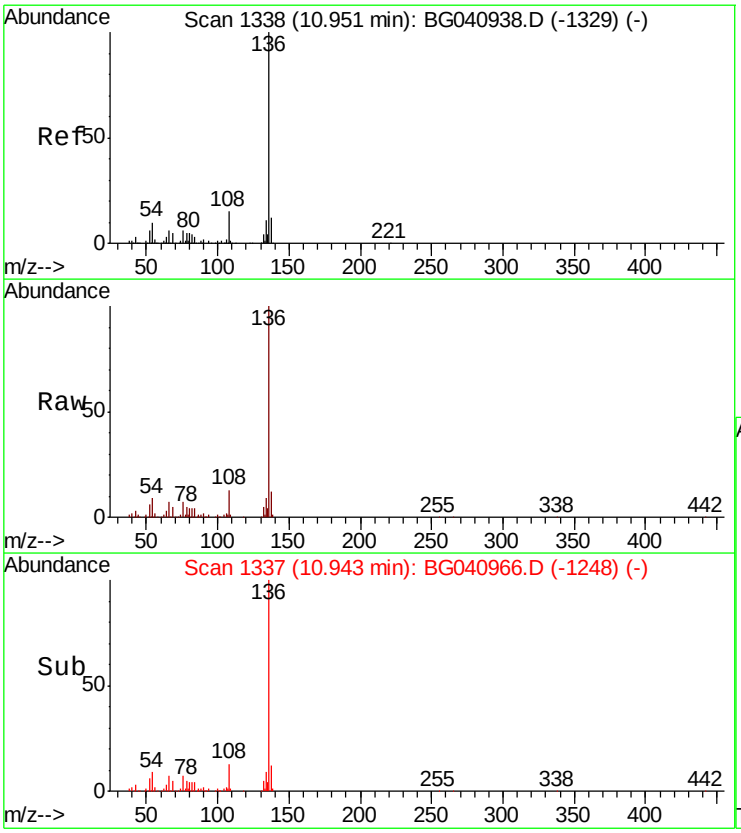
#7
Phenol-d6
Concen: 129.424 ng
RT: 7.27 min Scan# 712
Delta R.T. 0.00 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Instrument :
BNA_G
ClientSampleId :
TP-3B-D

Tgt Ion: 99 Resp: 750925

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.9	26.9
71	45.2	35.4	53.0

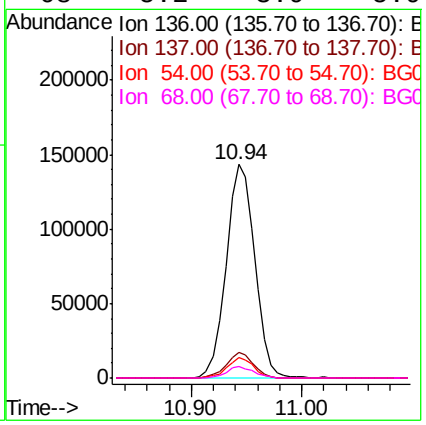


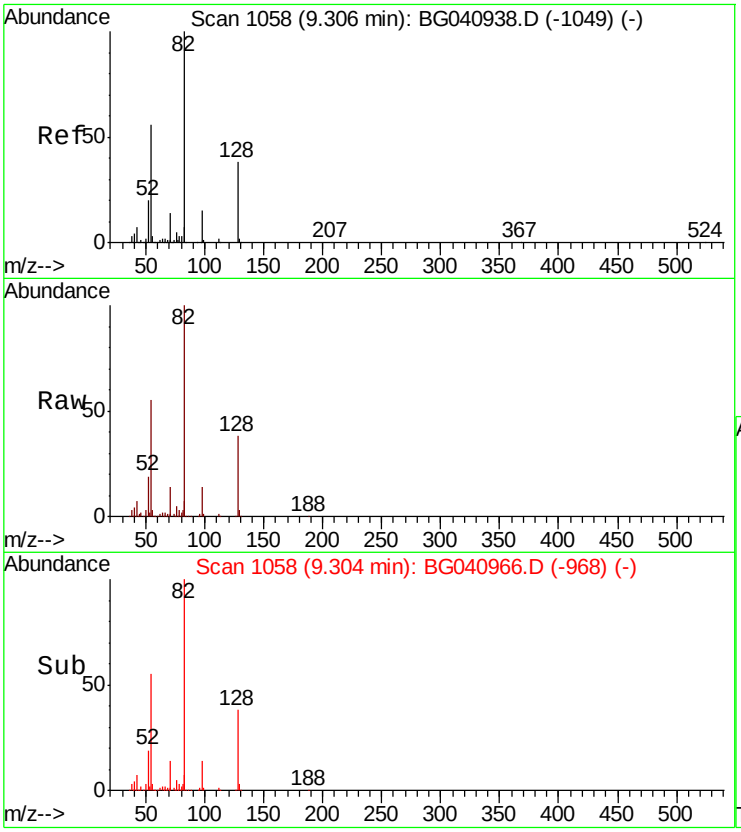


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Tgt Ion:136 Resp: 259942

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	9.4	7.6	11.4
68	5.2	3.9	5.9



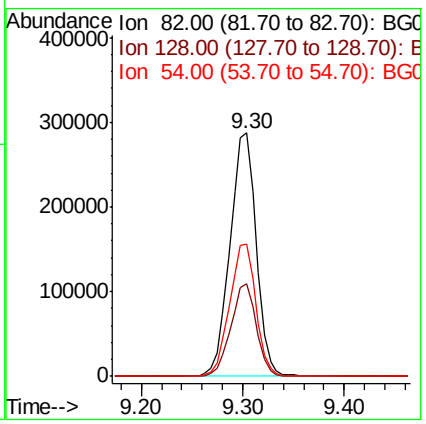


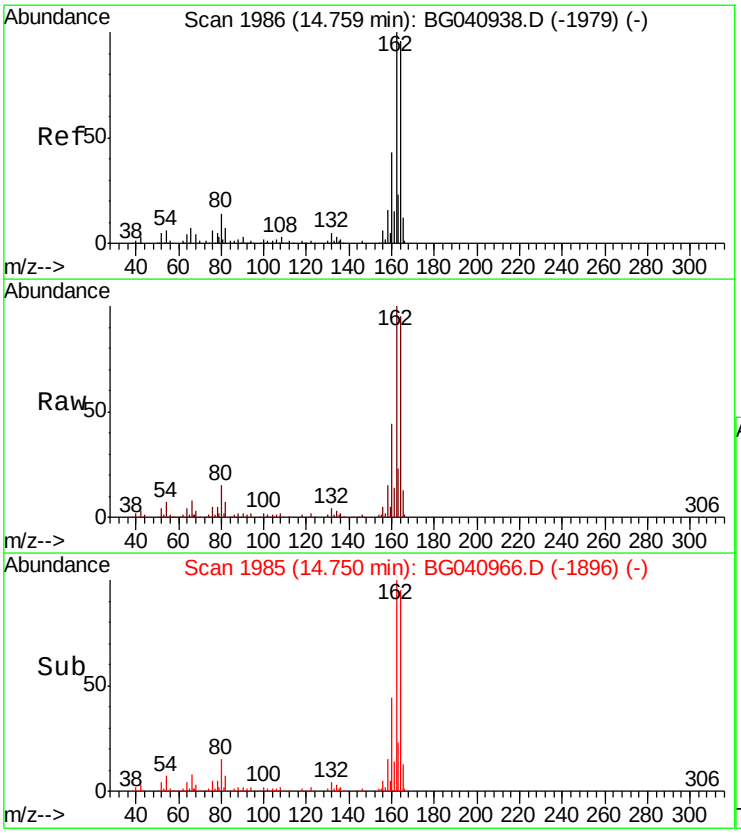
#23
Nitrobenzene-d5
Concen: 88.057 ng
RT: 9.30 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Instrument :
BNA_G
ClientSampleId :
TP-3B-D

Tgt Ion: 82 Resp: 515609

Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.5	45.7
54	54.5	44.6	66.8

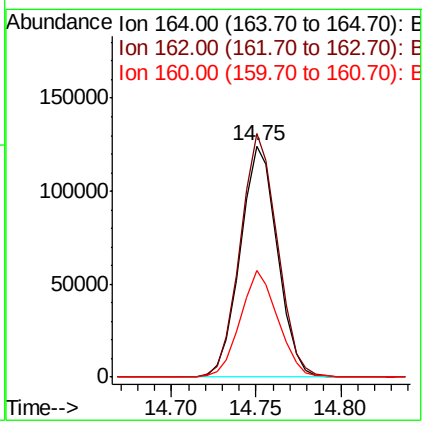


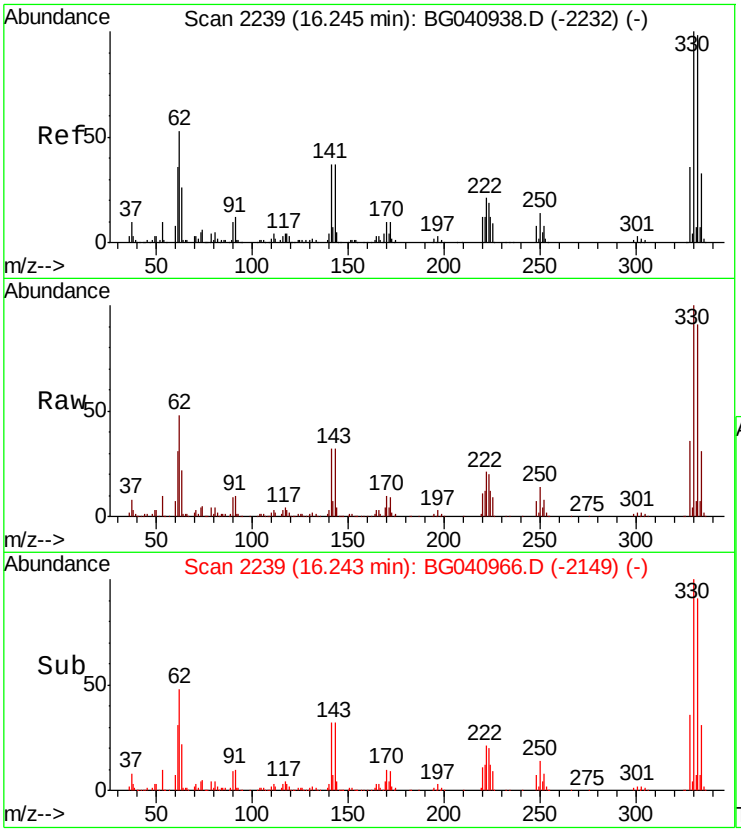


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Tgt Ion:164 Resp: 190497

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.0	124.4
160	46.0	35.6	53.4



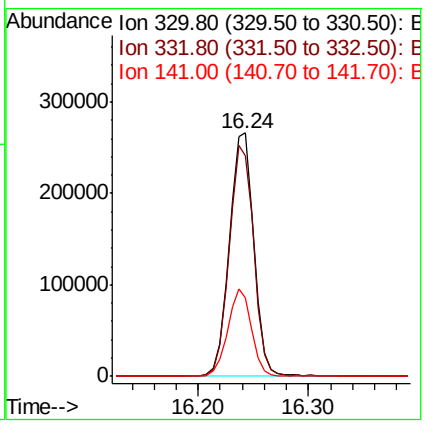


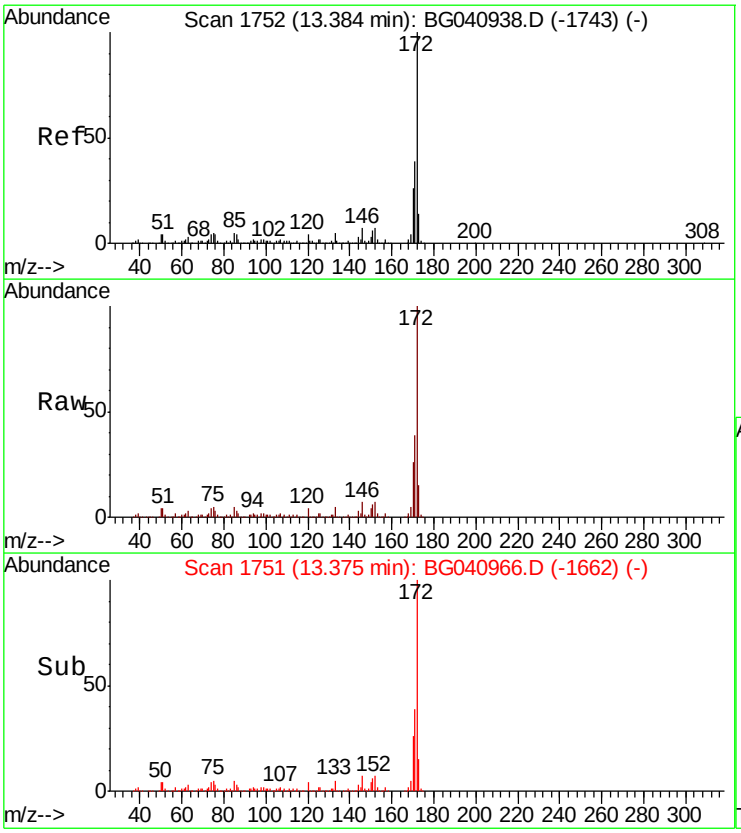
#42
2,4,6-Tribromophenol
Concen: 146.201 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Instrument :
BNA_G
ClientSampleId :
TP-3B-D

Tgt Ion:330 Resp: 413464

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.5	117.7
141	34.6	28.7	43.1

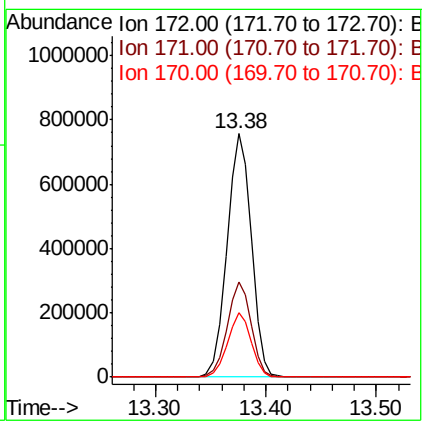


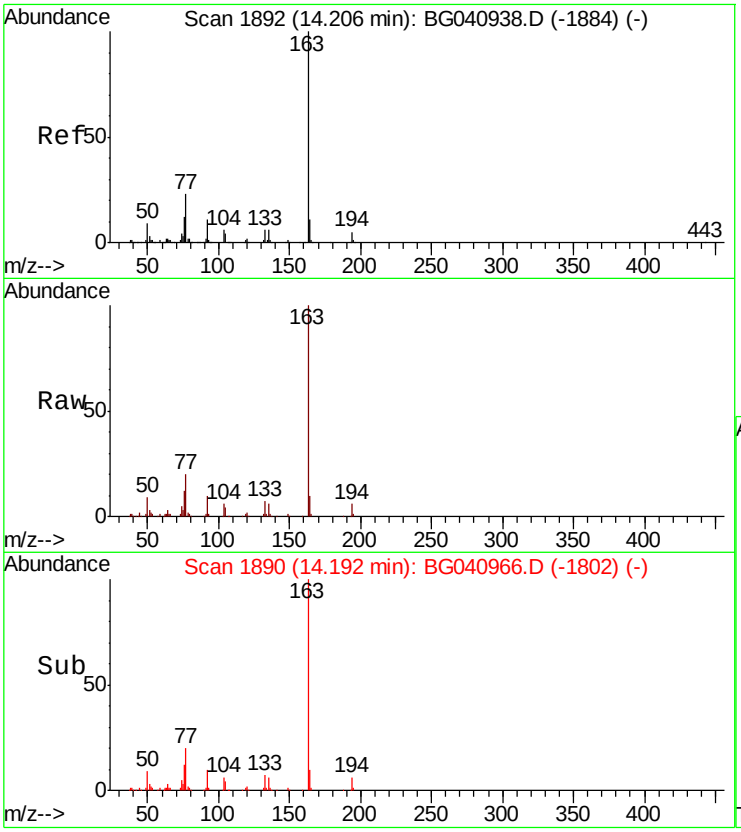


#45
2-Fluorobiphenyl
Concen: 88.492 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Tgt Ion:172 Resp: 1170575

Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.1	46.7
170	26.3	20.5	30.7



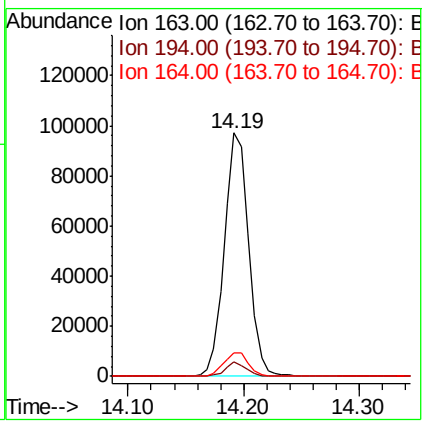


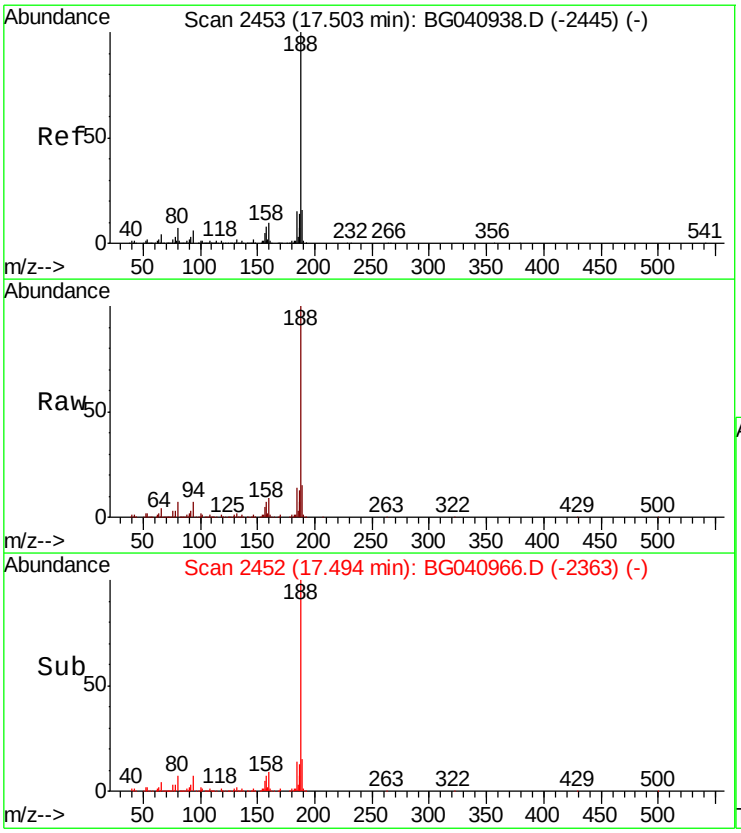
#50
Dimethylphthalate
Concen: 8.733 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Instrument :
BNA_G
ClientSampleId :
TP-3B-D

Tgt Ion:163 Resp: 140827

Ion	Ratio	Lower	Upper
163	100		
194	6.2	3.8	5.8#
164	9.8	8.7	13.1

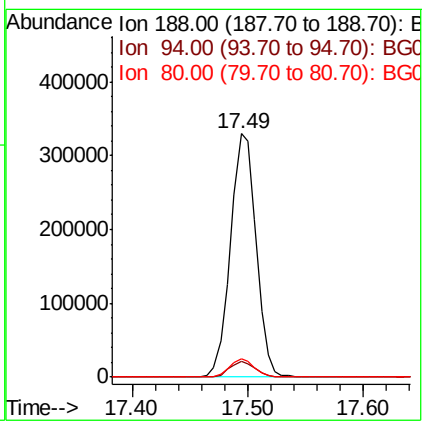


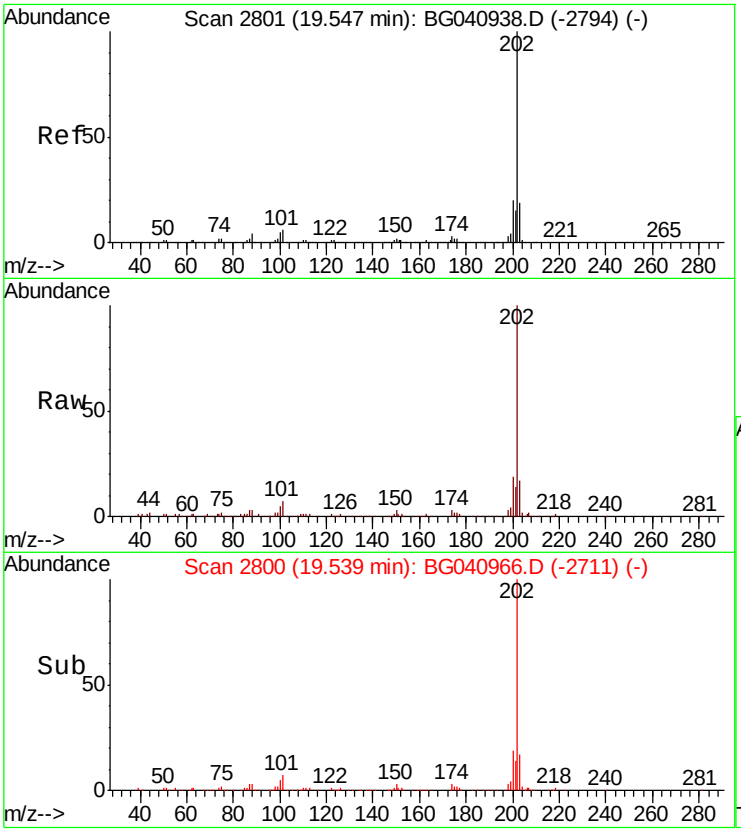


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Tgt Ion:188 Resp: 506295

Ion	Ratio	Lower	Upper
188	100		
94	6.6	4.7	7.1
80	7.4	5.8	8.8



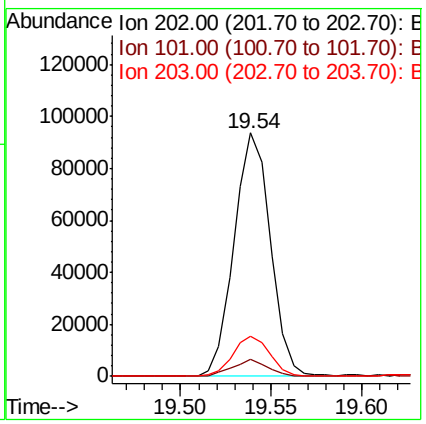


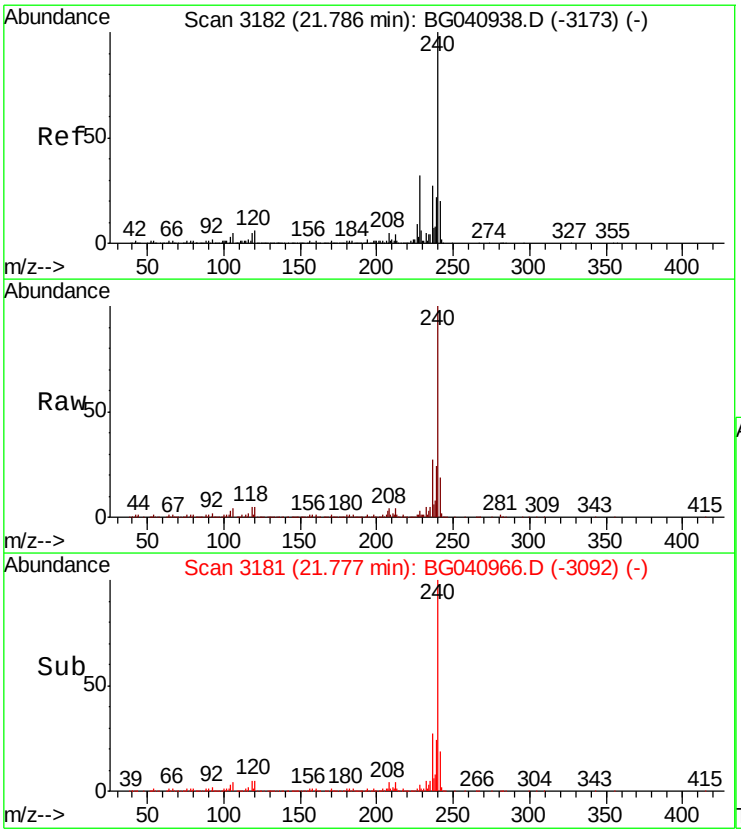
#75
Fluoranthene
Concen: 4.005 ng
RT: 19.54 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Instrument :
BNA_G
ClientSampleId :
TP-3B-D

Tgt Ion:202 Resp: 130461

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	26.2
203	16.6	0.0	38.7

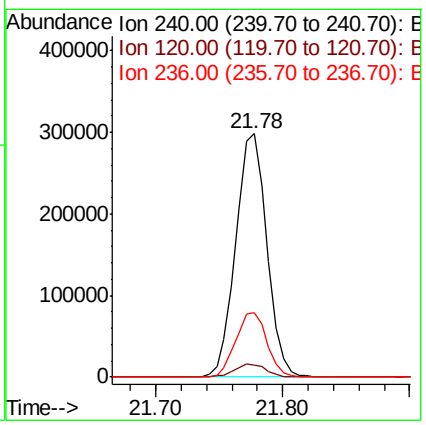


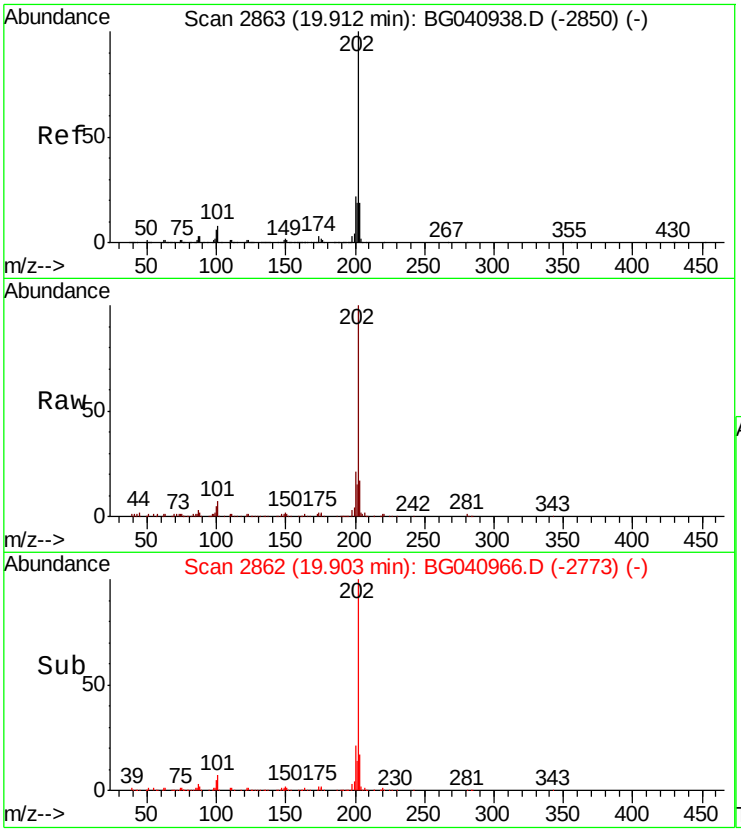


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.01 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Tgt Ion:240 Resp: 507329

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.5	6.7
236	26.6	21.3	31.9



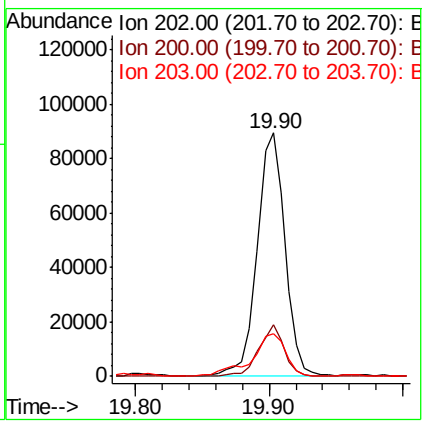


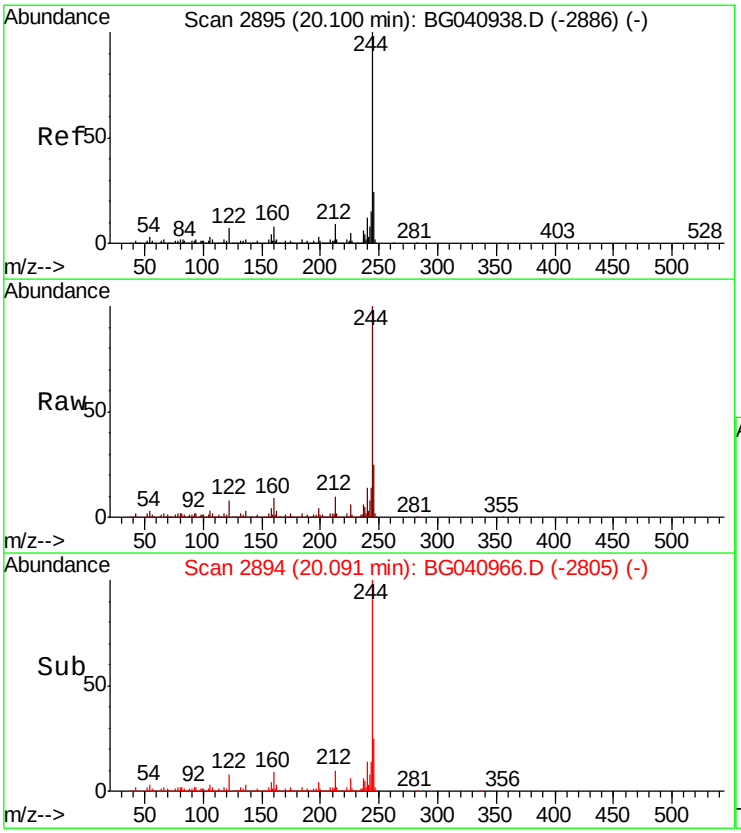
#78
Pyrene
Concen: 3.909 ng
RT: 19.90 min Scan# 2862
Delta R.T. -0.01 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Instrument :
BNA_G
ClientSampleId :
TP-3B-D

Tgt Ion:202 Resp: 128907

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.5	26.3
203	17.4	15.6	23.4

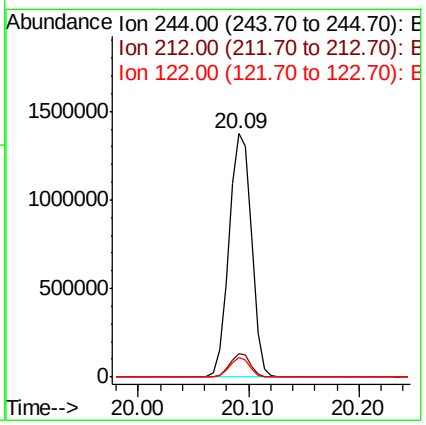


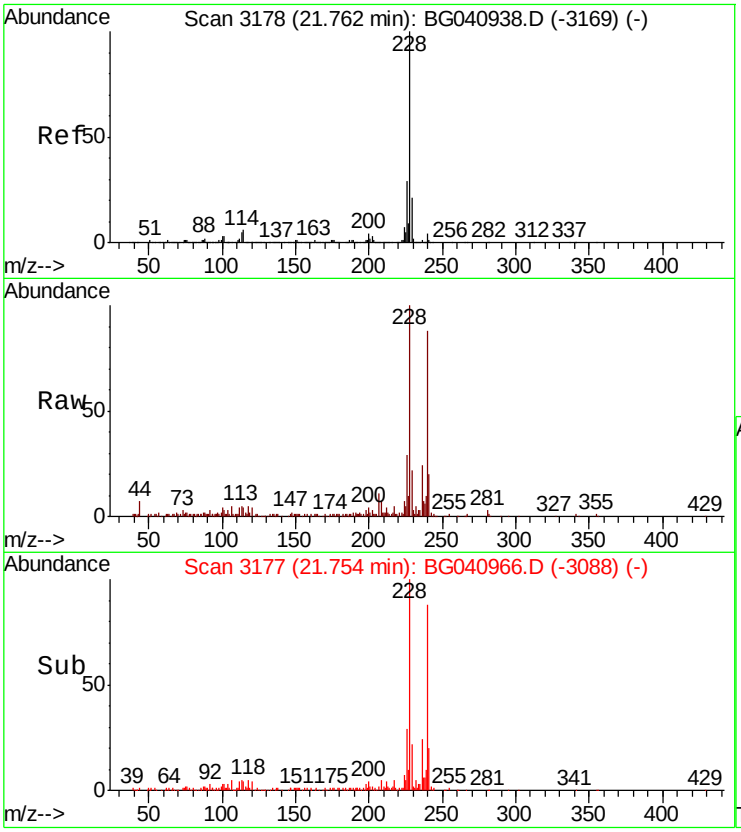


#79
Terphenyl-d14
Concen: 82.526 ng
RT: 20.09 min Scan# 2894
Delta R.T. -0.01 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Tgt Ion:244 Resp: 1972705

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.0	10.4
122	8.2	5.4	8.0#



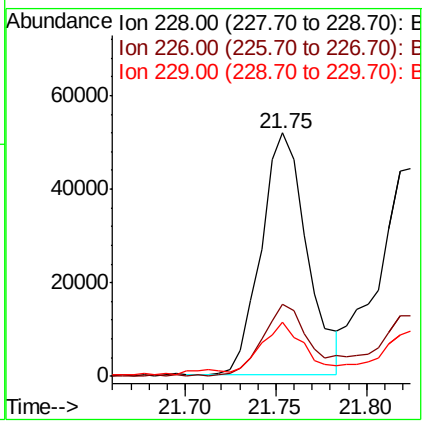


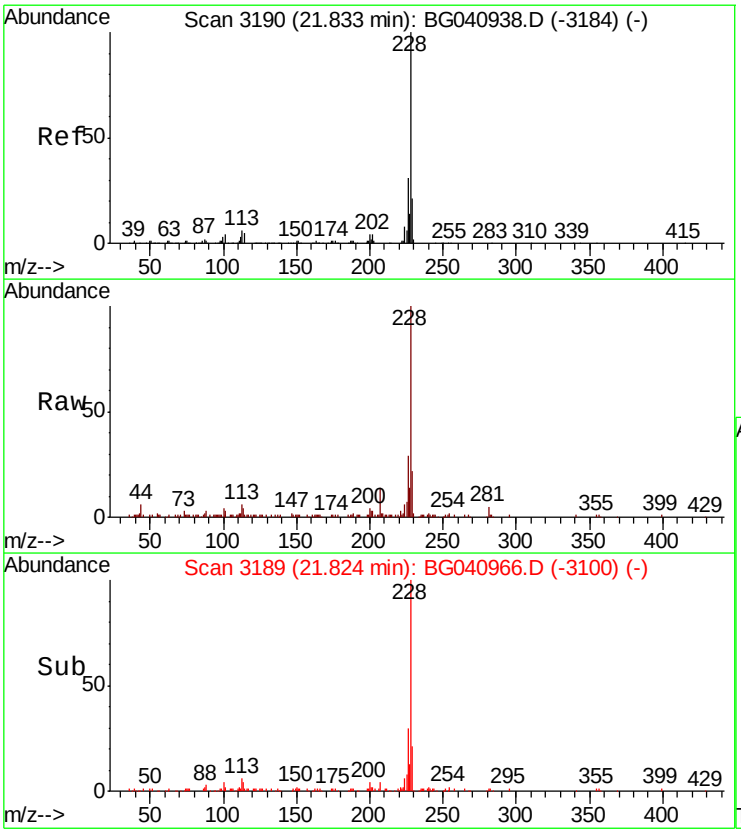
#81
Benzo(a)anthracene
Concen: 2.711 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Instrument :
BNA_G
ClientSampleId :
TP-3B-D

Tgt Ion:228 Resp: 91540

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.5	35.3
229	22.1	16.7	25.1

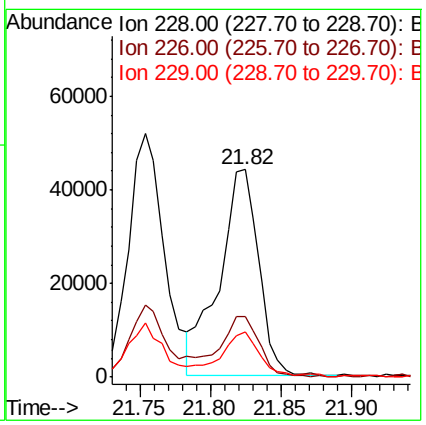


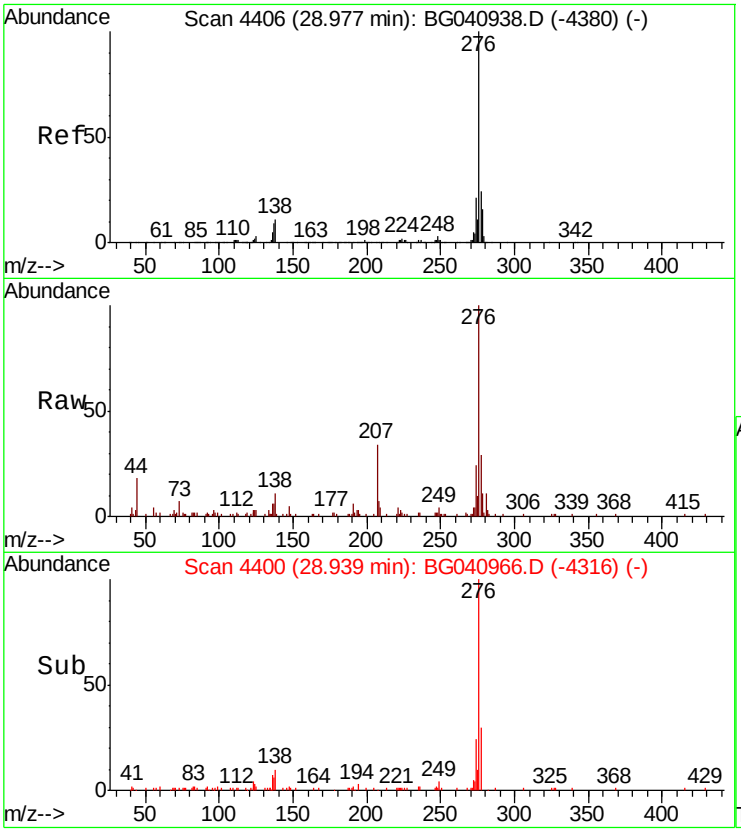


#83
Chrysene
Concen: 2.648 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Tgt Ion:228 Resp: 85563

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	37.0
229	21.6	16.6	24.8



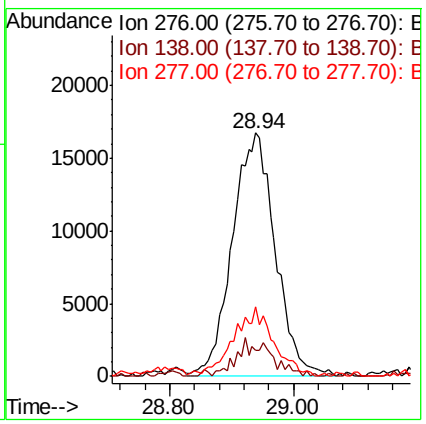


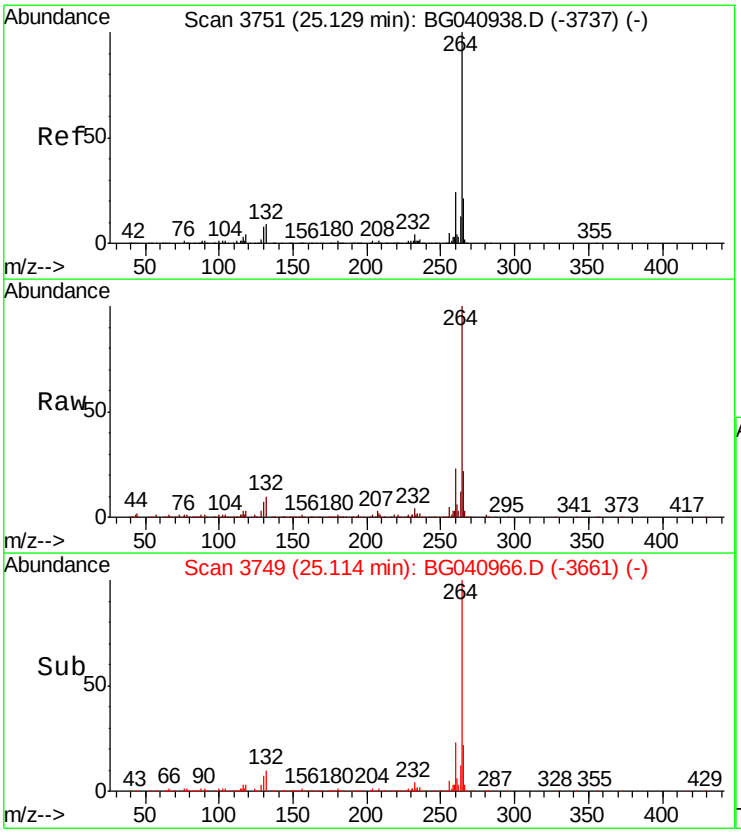
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.035 ng
RT: 28.94 min Scan# 4400
Delta R.T. -0.04 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Instrument :
BNA_G
ClientSampleId :
TP-3B-D

Tgt Ion:276 Resp: 80550

Ion	Ratio	Lower	Upper
276	100		
138	6.3	5.7	8.5
277	26.3	20.8	31.2

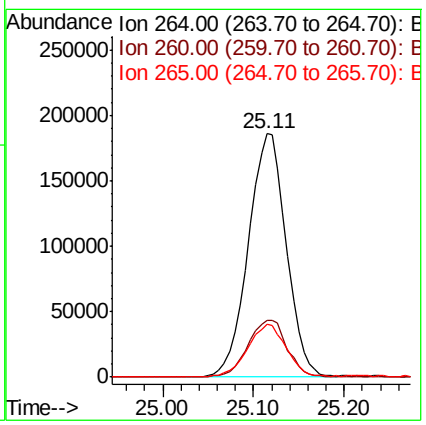


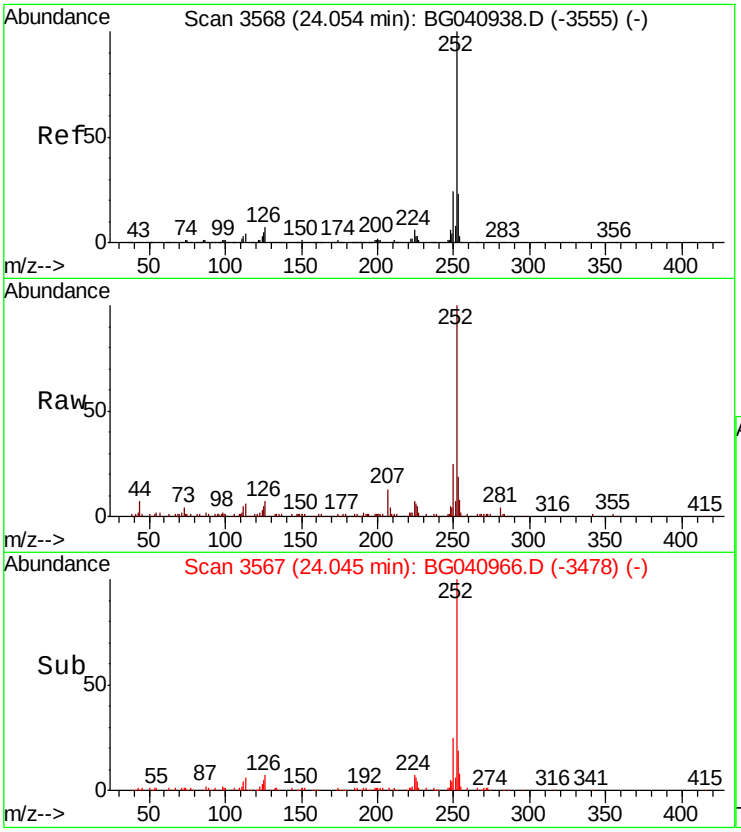


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3749
Delta R.T. -0.01 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Tgt Ion:264 Resp: 537139

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	21.8	17.0	25.4



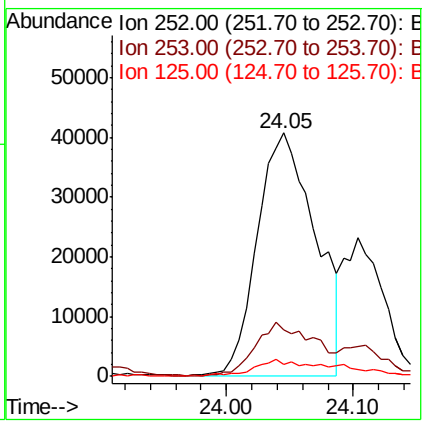


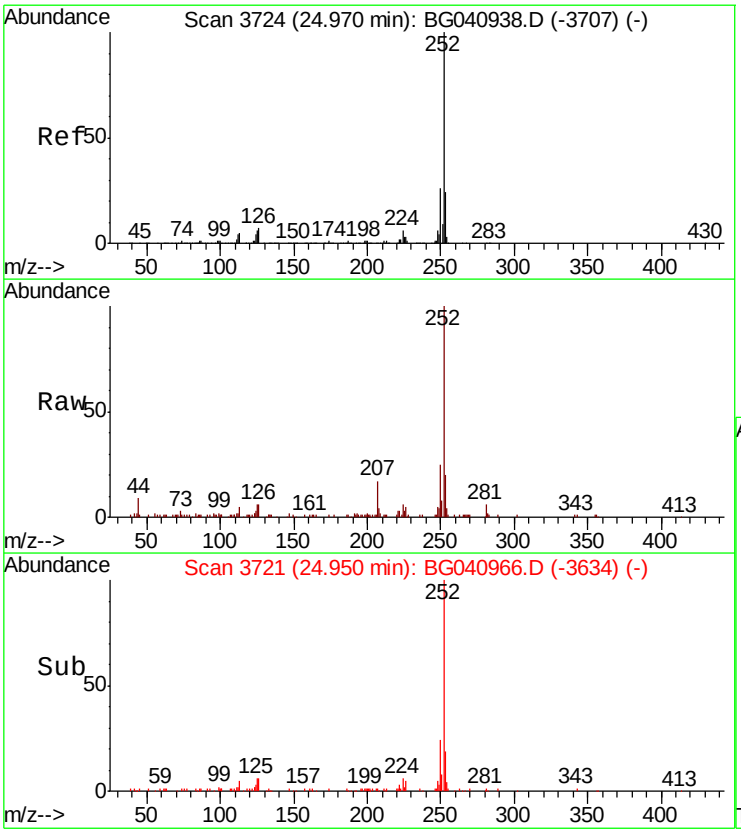
#88
Benzo(b)fluoranthene
Concen: 4.007 ng
RT: 24.05 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Instrument :
BNA_G
ClientSampleId :
TP-3B-D

Tgt Ion:252 Resp: 130541

Ion	Ratio	Lower	Upper
252	100		
253	19.2	18.4	27.6
125	5.1	4.3	6.5

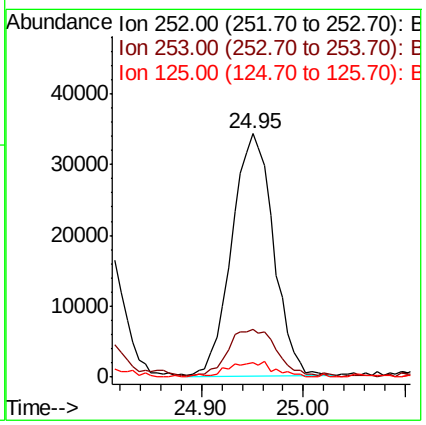


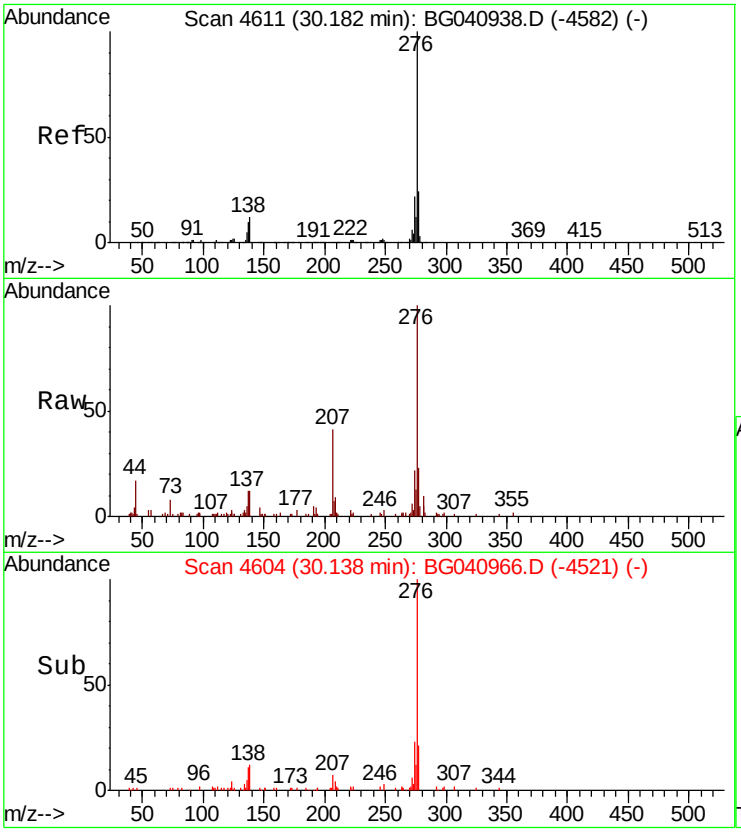


#90
Benzo(a)pyrene
Concen: 3.141 ng
RT: 24.95 min Scan# 3721
Delta R.T. -0.02 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Tgt Ion:252 Resp: 97624

Ion	Ratio	Lower	Upper
252	100		
253	19.8	19.5	29.3
125	6.2	5.1	7.7





#92
Benzo(g,h,i)perylene
Concen: 2.657 ng
RT: 30.14 min Scan# 4604
Delta R.T. -0.04 min
Lab File: BG040966.D
Acq: 31 May 2019 1:15

Instrument :
BNA_G
ClientSampleId :
TP-3B-D

Tgt Ion:276 Resp: 80171

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.4	29.0
138	11.6	9.7	14.5