Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040334.D
Acq On : 3 Apr 2019 20:26
Operator : JU/SJ
Sample : K2182-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8B(2-10)COMP

Quant Time: Apr 04 02:22:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60678	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	240352	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	150996	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	368233	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	408128	20.00	ng	-0.04
87) Perylene-d12	24.98	264	418534	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	372817	102.14	ng	-0.02
7) Phenol-d6	7.20	99	528895	104.85	ng	-0.02
23) Nitrobenzene-d5	9.22	82	309074	68.35	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	189480	116.11	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	727347	71.38	ng	-0.02
79) Terphenyl-d14	20.03	244	1182257	65.17	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.23	94	14997	2.739	ng	96
50) Dimethylphthalate	14.13	163	53799	4.552	ng	97
75) Fluoranthene	19.47	202	152426	6.651	ng	95
78) Pyrene	19.83	202	169042	6.298	ng	97
81) Benzo(a)anthracene	21.68	228	71041	2.826	ng	97
83) Chrysene	21.74	228	96569	3.997	ng	98
88) Benzo(b)fluoranthene	23.92	252	140598	5.487	ng	100

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

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S8B(2-10)COMP

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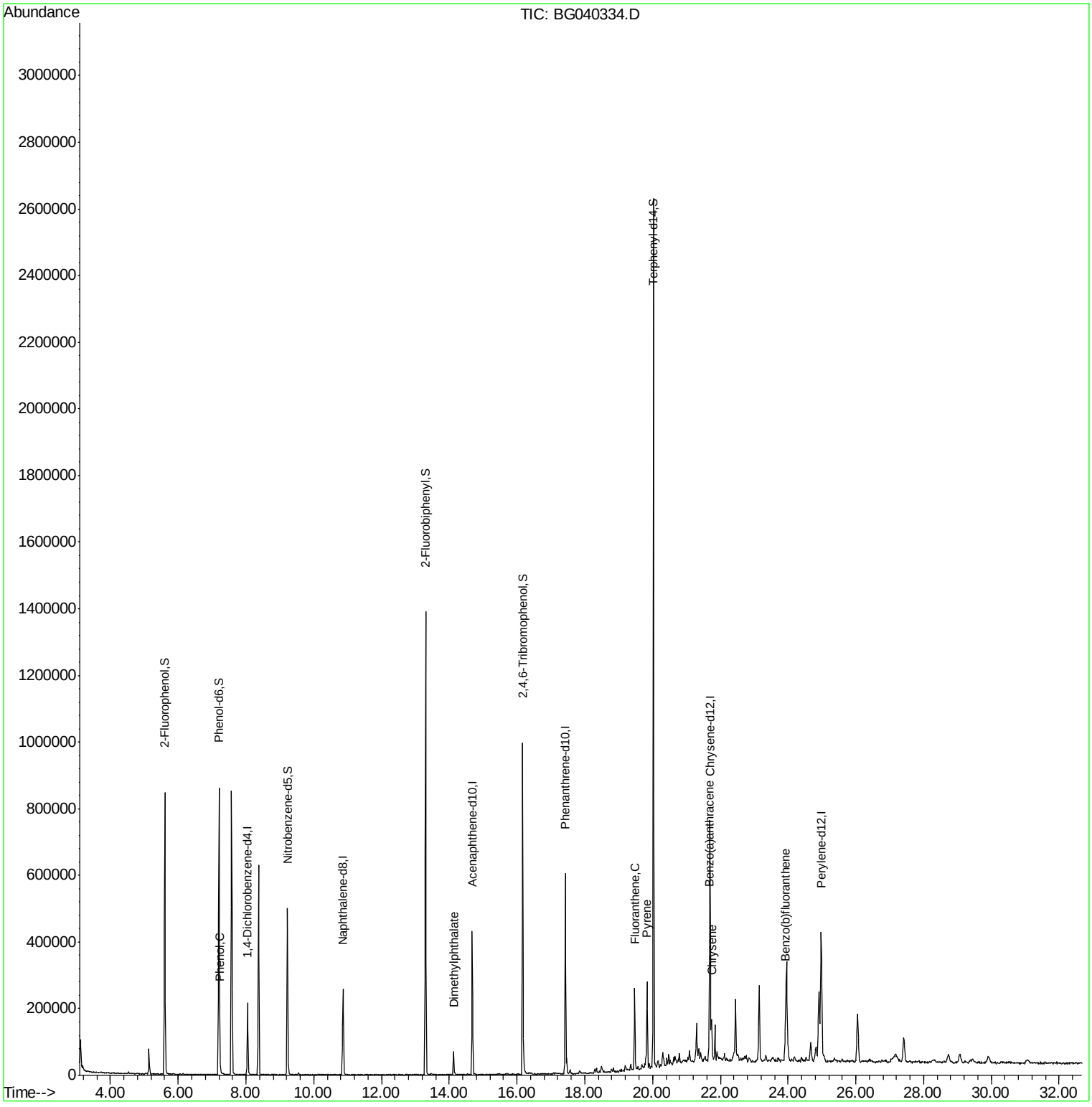
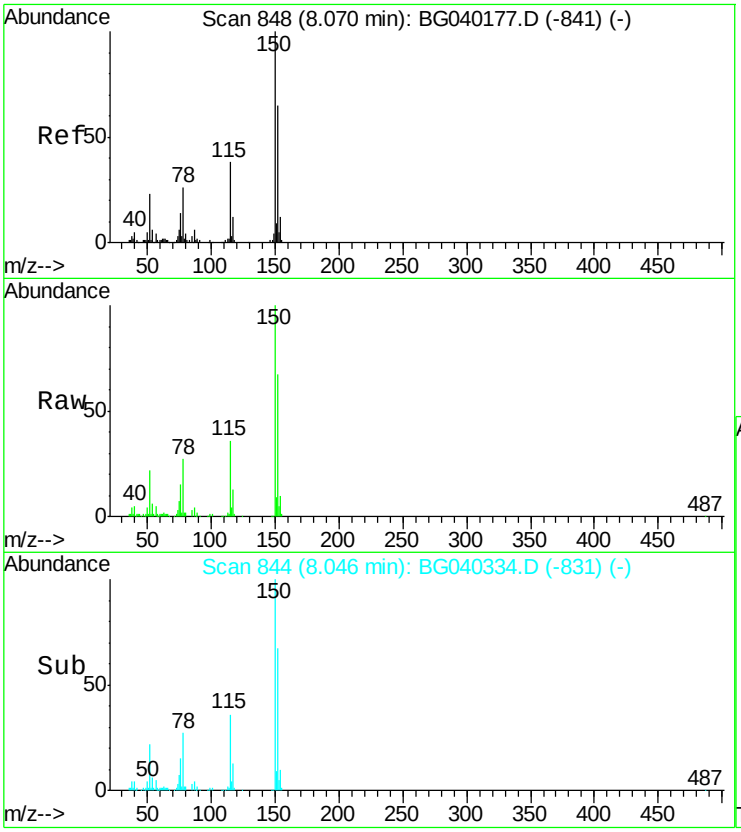


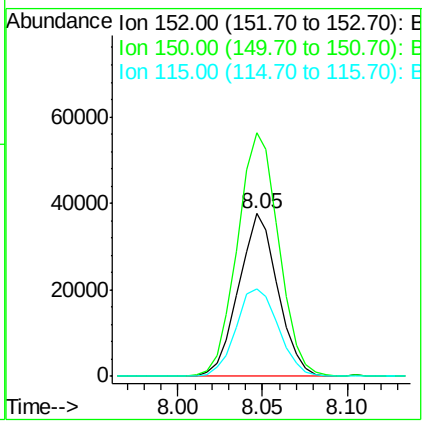


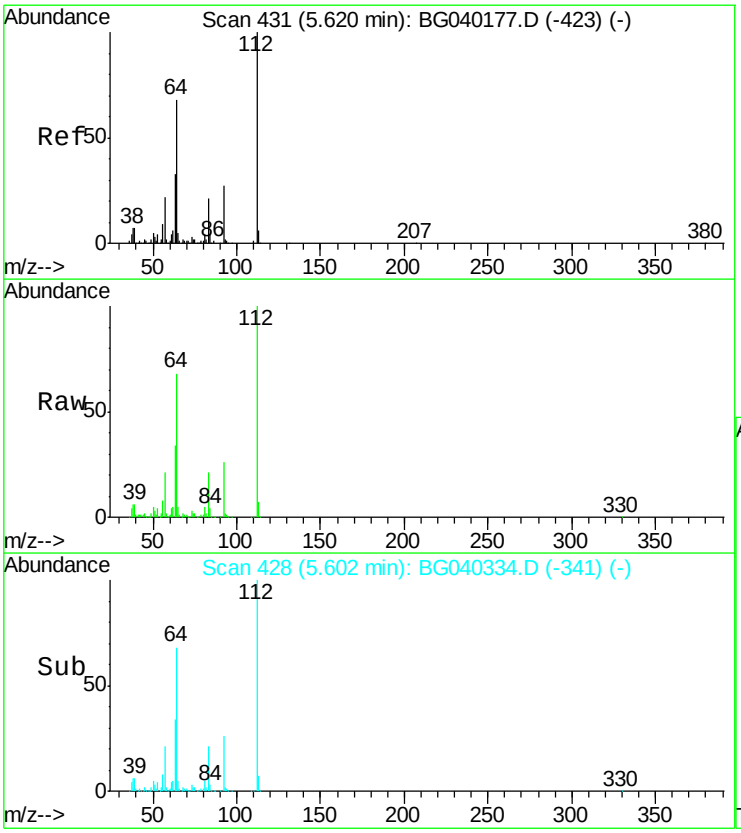
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Instrument :
BNA_G
ClientSampleId :
S8B(2-10)COMP

Tgt Ion:152 Resp: 60678

Ion	Ratio	Lower	Upper
152	100		
150	149.6	123.7	185.5
115	54.0	46.9	70.3

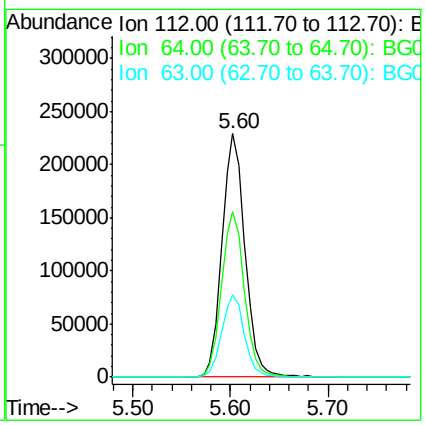


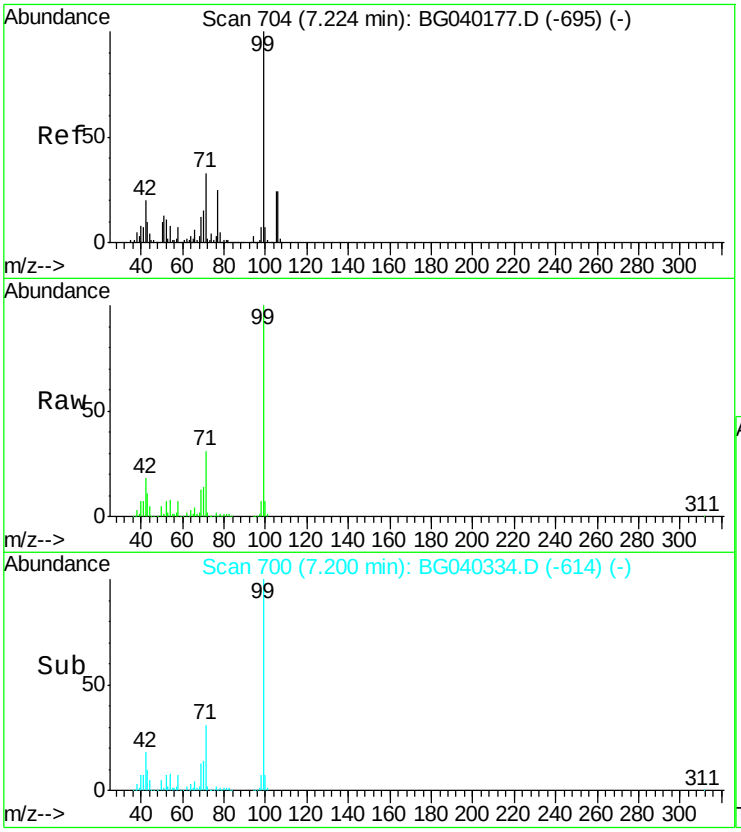


#5
2-Fluorophenol
Concen: 102.142 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Tgt Ion:112 Resp: 372817

Ion	Ratio	Lower	Upper
112	100		
64	67.8	54.2	81.2
63	33.8	26.4	39.6



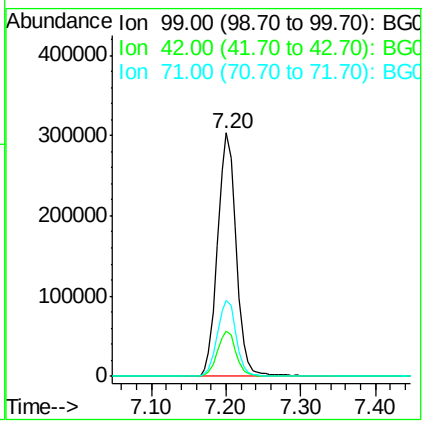


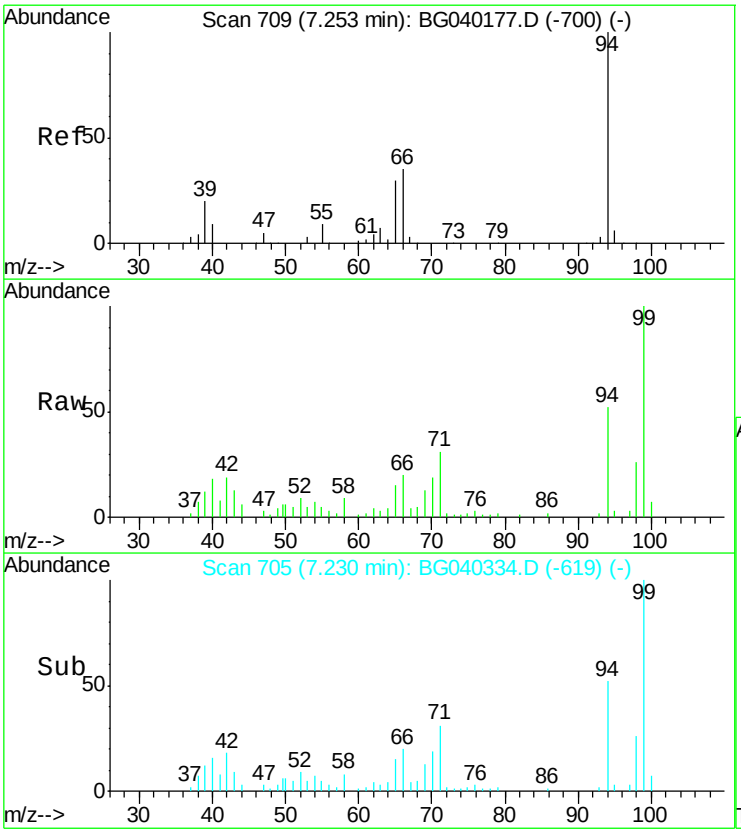
#7
Phenol-d6
Concen: 104.849 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.02 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Instrument :
BNA_G
ClientSampleId :
S8B(2-10)COMP

Tgt Ion: 99 Resp: 528895

Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.2	24.2
71	31.4	26.8	40.2

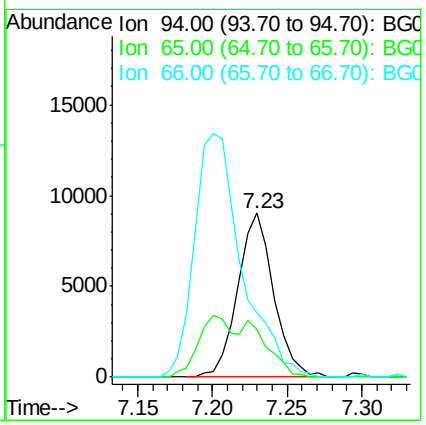


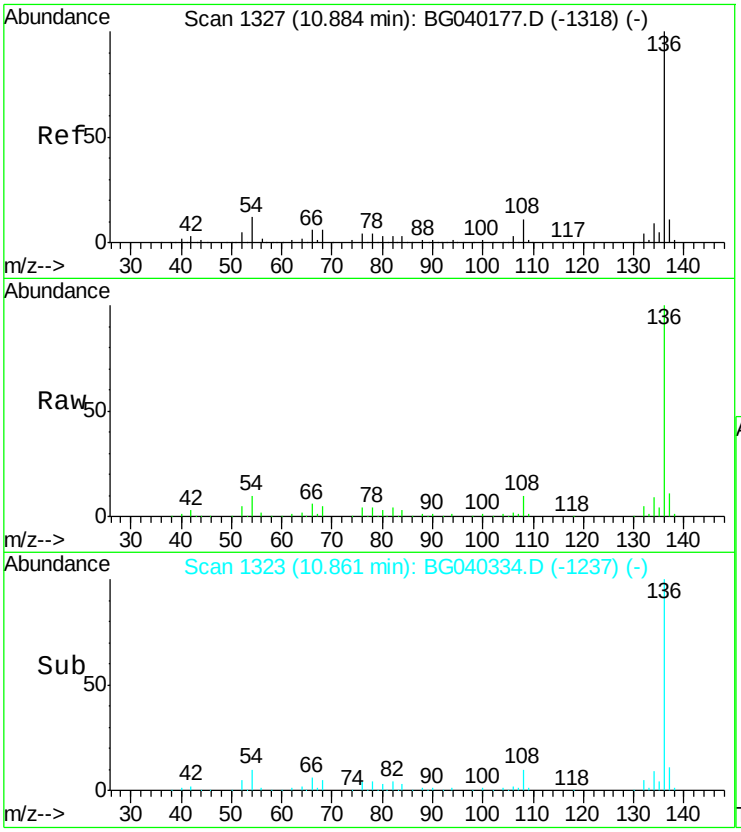


#10
Phenol
Concen: 2.739 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Tgt Ion: 94 Resp: 14997

Ion	Ratio	Lower	Upper
94	100		
65	29.0	10.5	50.5
66	39.5	16.9	56.9



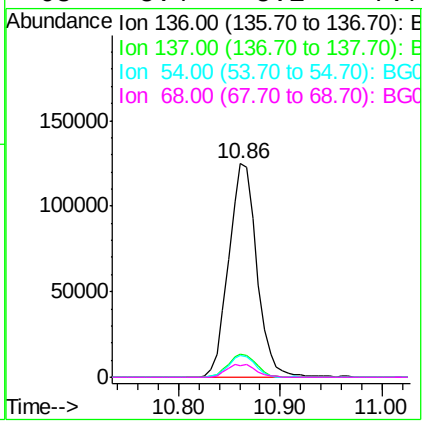


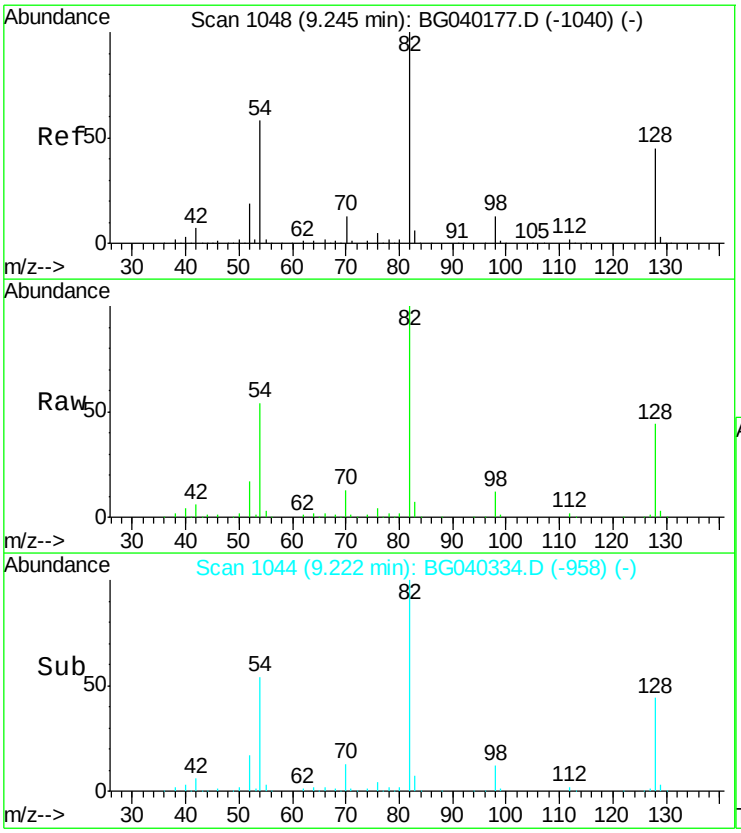
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Instrument :
BNA_G
ClientSampleId :
S8B(2-10)COMP

Tgt Ion:136 Resp: 240352

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.0	9.6	14.4
68	5.4	5.1	7.7

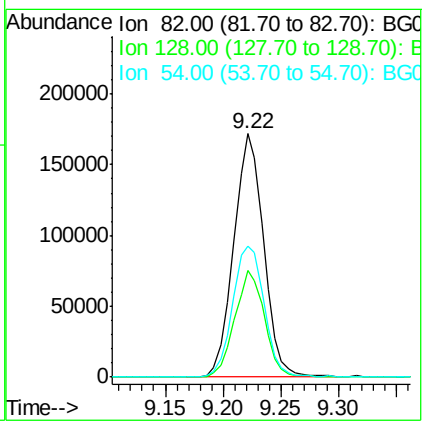


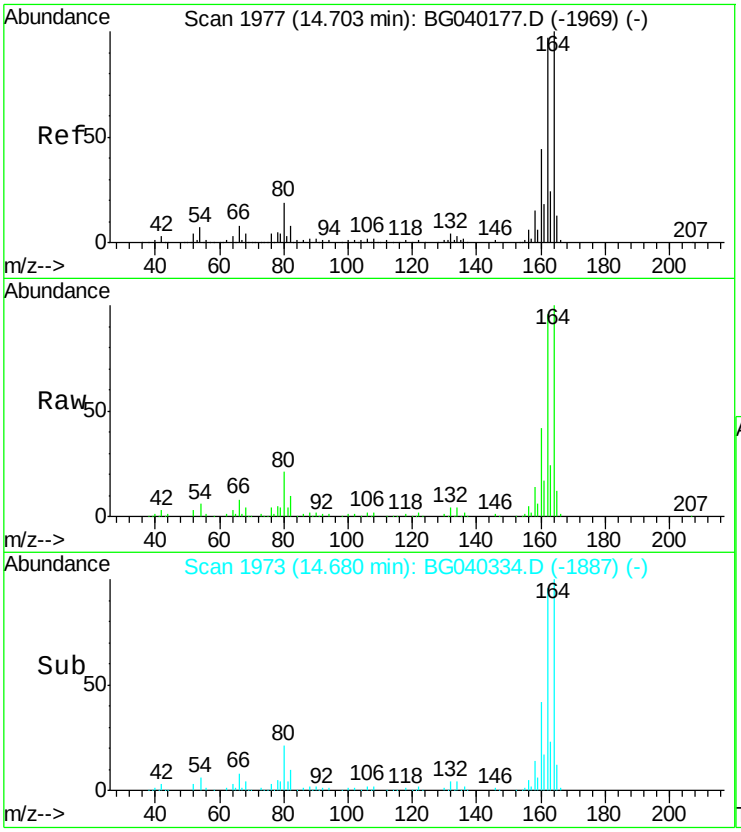


#23
Nitrobenzene-d5
Concen: 68.351 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Tgt Ion: 82 Resp: 309074

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.8	53.8
54	53.8	46.2	69.2



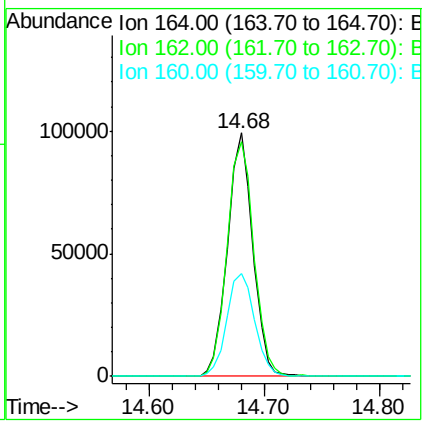


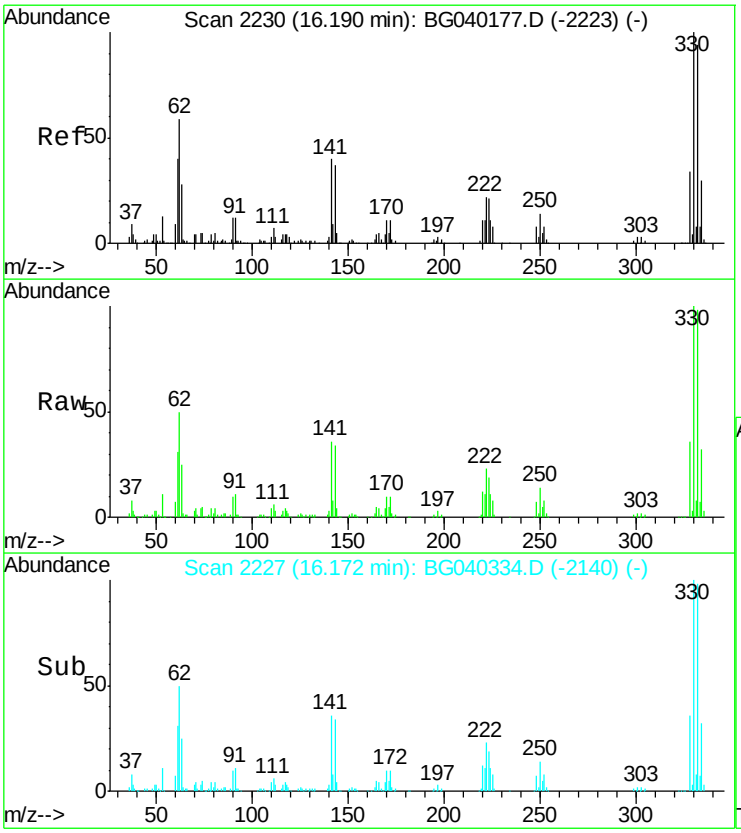
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Instrument :
BNA_G
ClientSampleId :
S8B(2-10)COMP

Tgt Ion:164 Resp: 150996

Ion	Ratio	Lower	Upper
164	100		
162	96.3	77.4	116.2
160	42.3	35.3	52.9

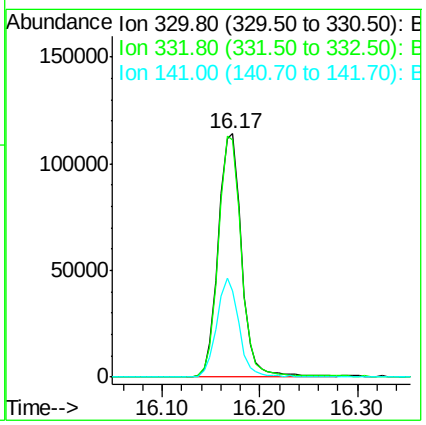


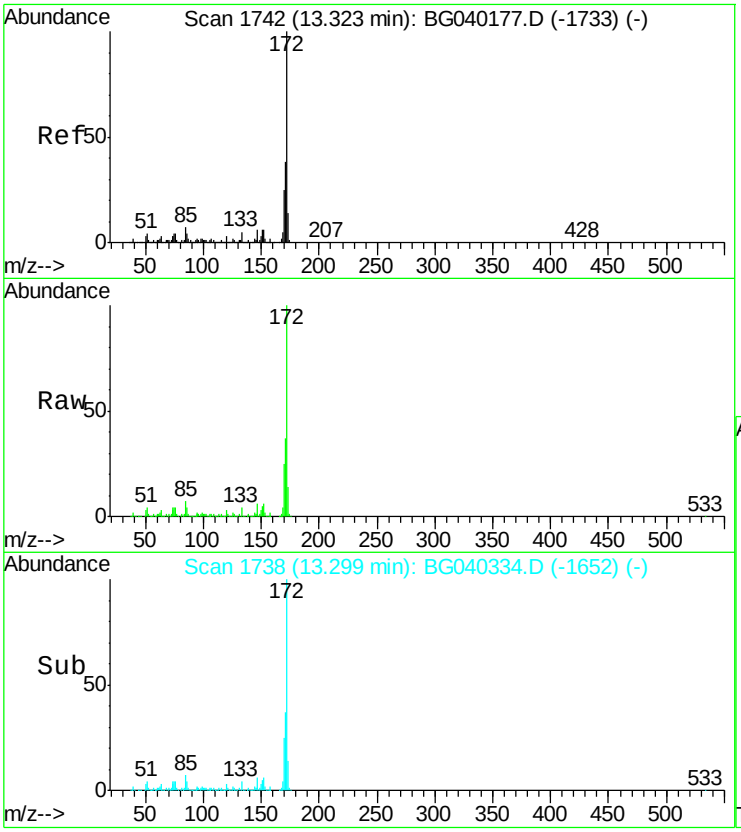


#42
2,4,6-Tribromophenol
Concen: 116.112 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Tgt Ion:330 Resp: 189480

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	38.8	32.6	48.8



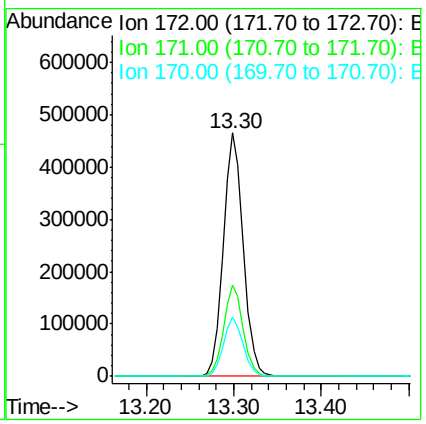


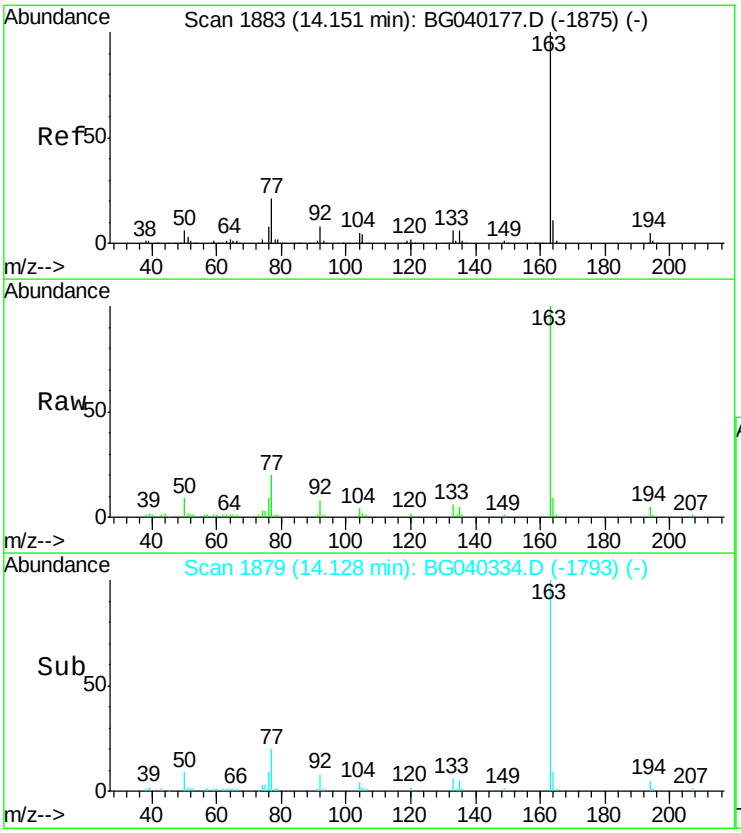
#45
2-Fluorobiphenyl
Concen: 71.376 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Instrument :
BNA_G
ClientSampleId :
S8B(2-10)COMP

Tgt Ion:172 Resp: 727347

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.6	20.1	30.1

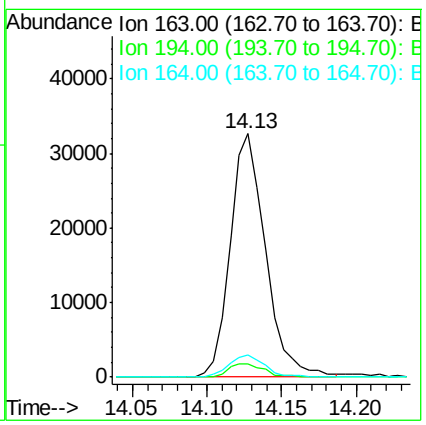


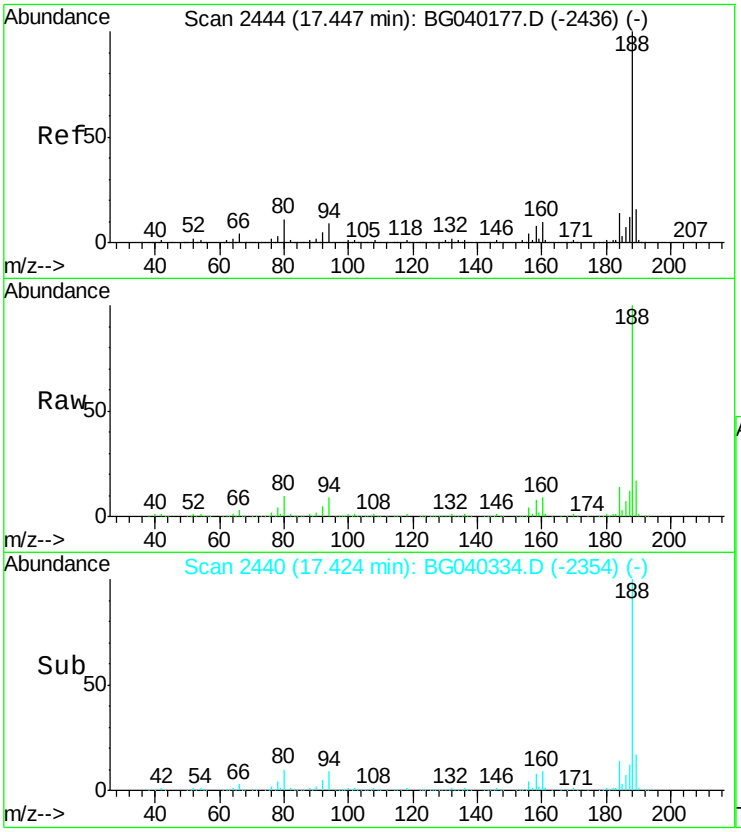


#50
Dimethylphthalate
Concen: 4.552 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Tgt Ion:163 Resp: 53799

Ion	Ratio	Lower	Upper
163	100		
194	5.4	4.1	6.1
164	9.1	8.6	13.0



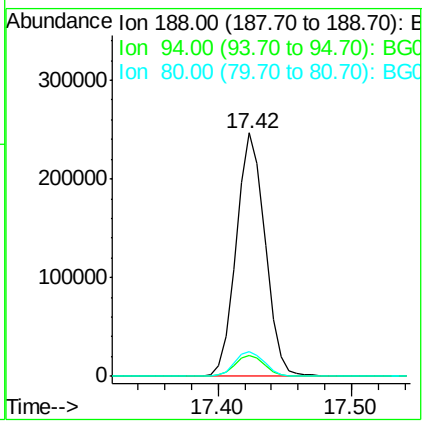


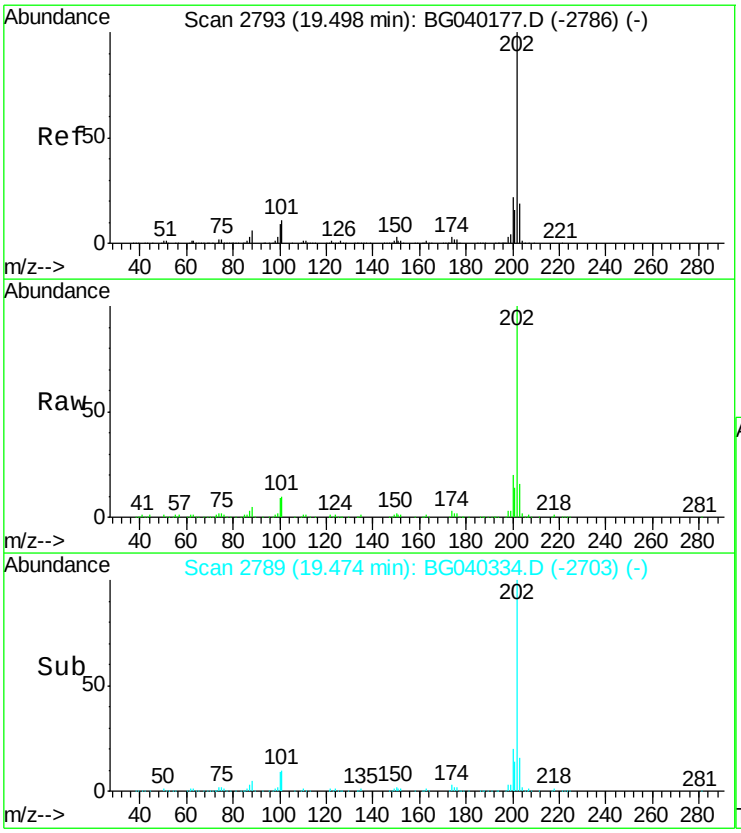
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Instrument :
BNA_G
ClientSampleId :
S8B(2-10)COMP

Tgt Ion:188 Resp: 368233

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.4
80	10.1	8.6	13.0

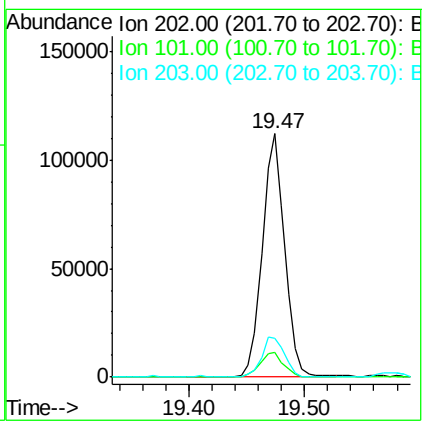


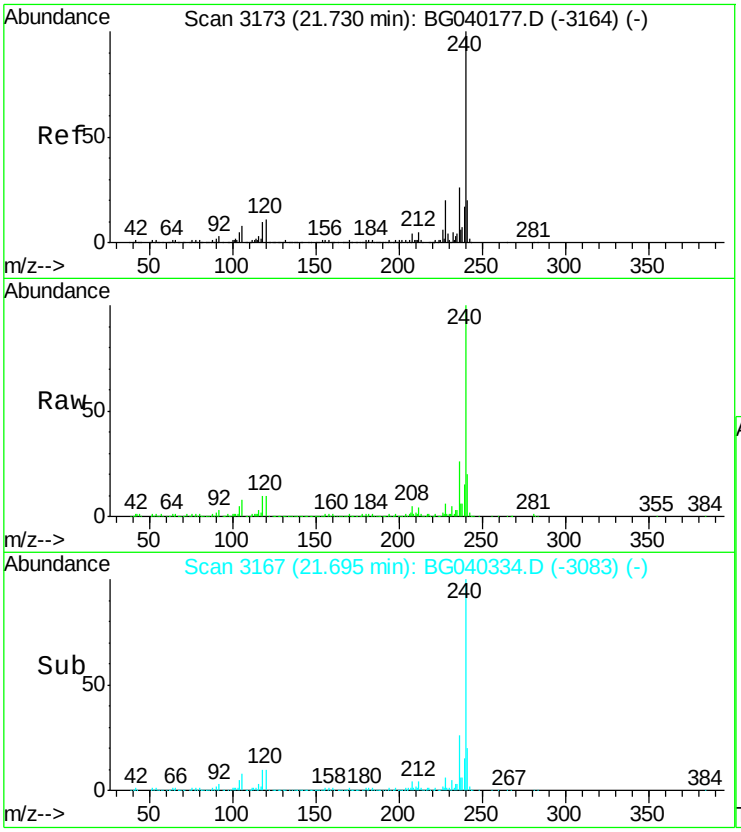


#75
Fluoranthene
Concen: 6.651 ng
RT: 19.47 min Scan# 2789
Delta R.T. -0.02 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Tgt Ion:202 Resp: 152426

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.8
203	15.9	0.0	38.9



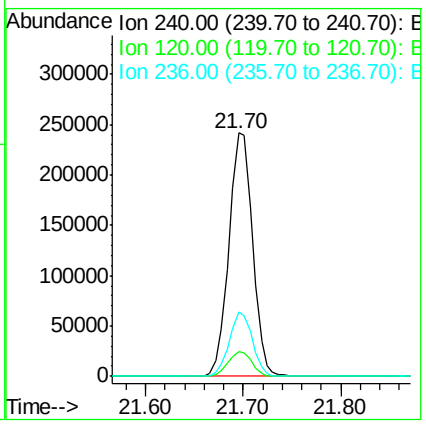


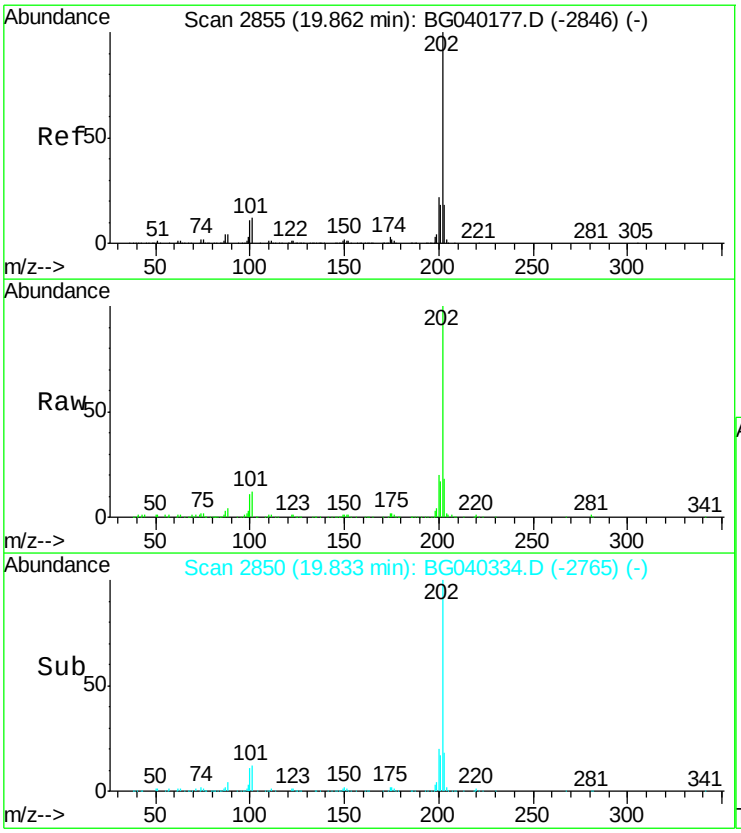
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Instrument :
BNA_G
ClientSampleId :
S8B(2-10)COMP

Tgt Ion:240 Resp: 408128

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.4	12.6
236	26.5	20.8	31.2

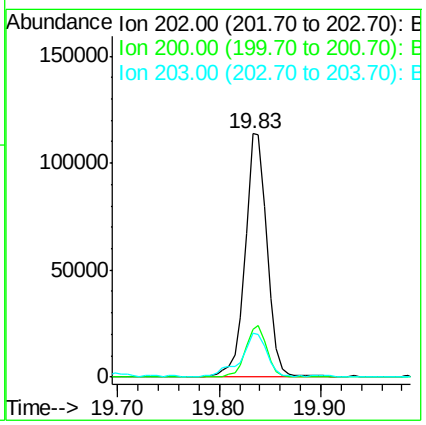


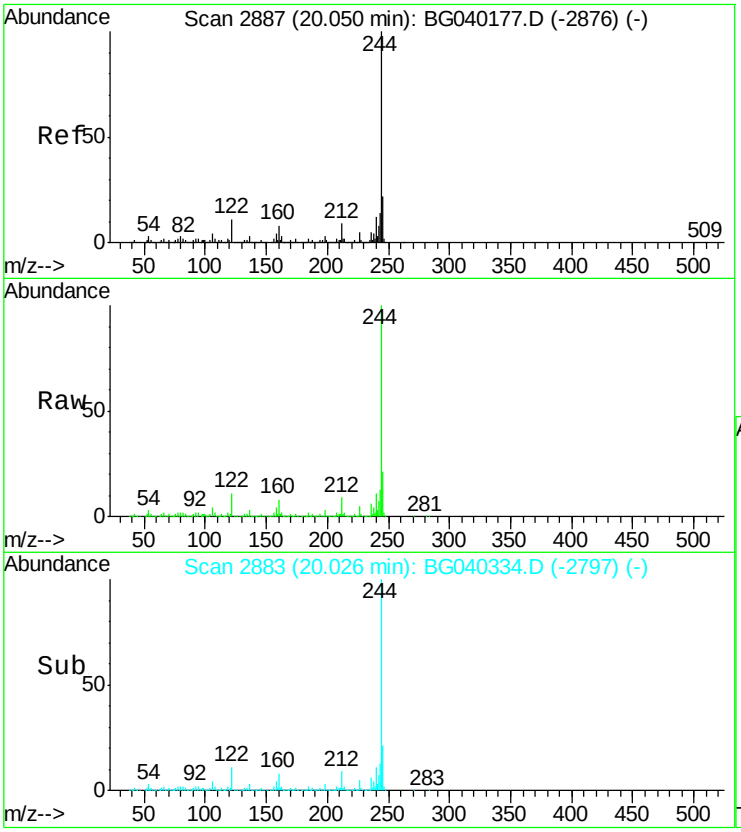


#78
Pyrene
Concen: 6.298 ng
RT: 19.83 min Scan# 2850
Delta R.T. -0.03 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Tgt Ion:202 Resp: 169042

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.3	25.9
203	18.0	14.6	22.0



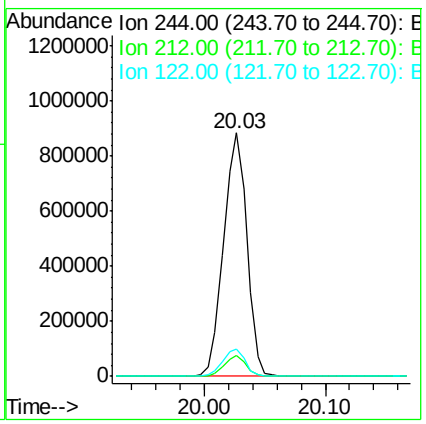


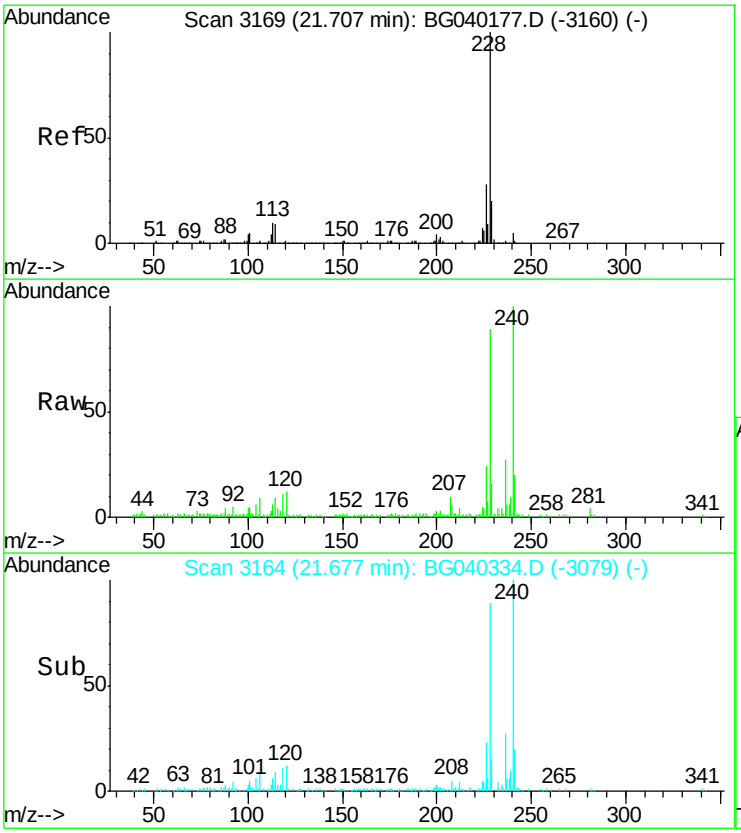
#79
Terphenyl-d14
Concen: 65.167 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.02 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Instrument :
BNA_G
ClientSampleId :
S8B(2-10)COMP

Tgt Ion:244 Resp: 1182257

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	11.0	8.5	12.7

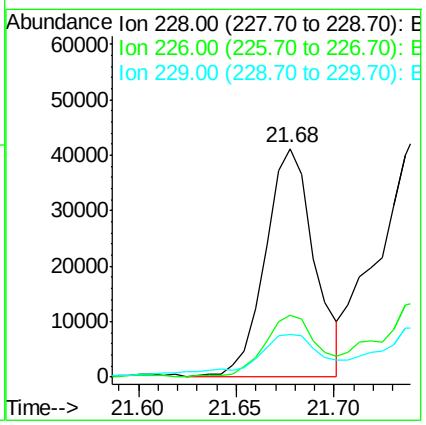


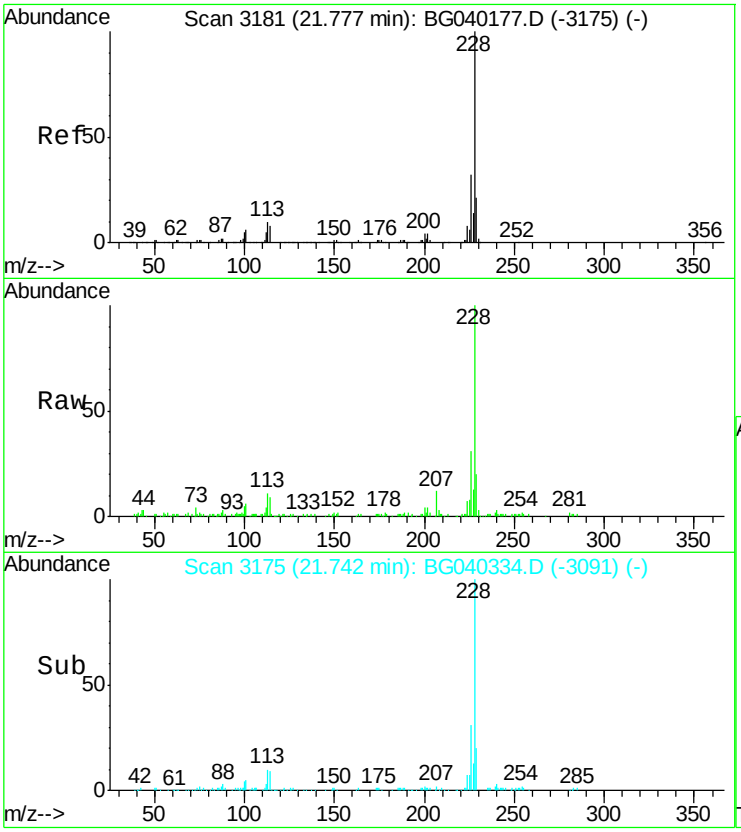


#81
Benzo(a)anthracene
Concen: 2.826 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Tgt Ion:228 Resp: 71041

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	34.0
229	18.4	16.1	24.1



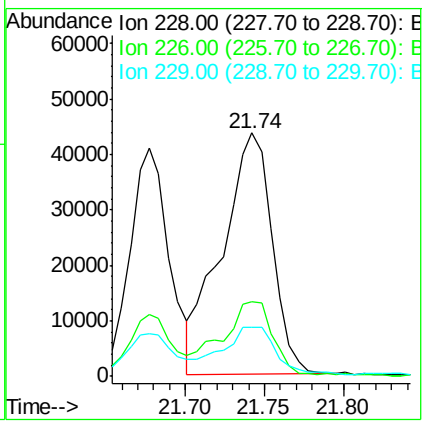


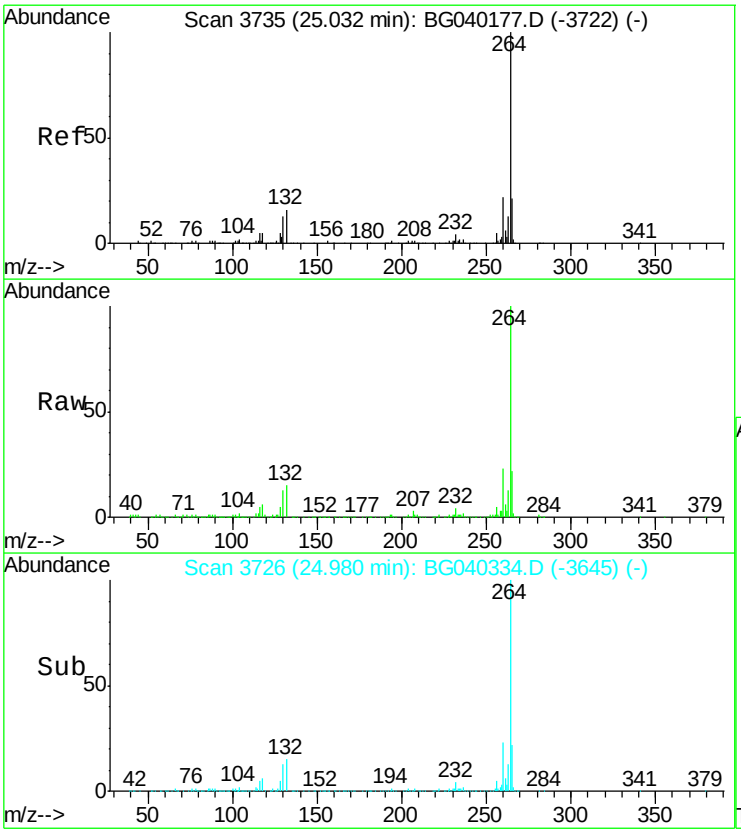
#83
Chrysene
Concen: 3.997 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.04 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Instrument :
BNA_G
ClientSampleId :
S8B(2-10)COMP

Tgt Ion:228 Resp: 96569

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	20.3	17.0	25.4

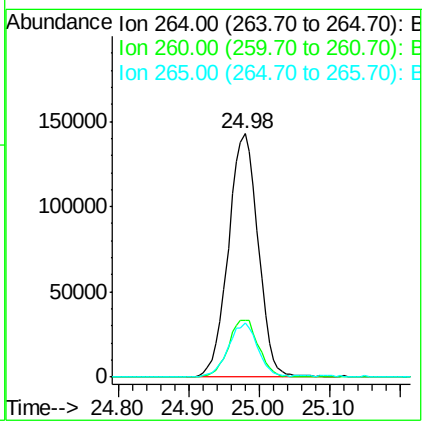


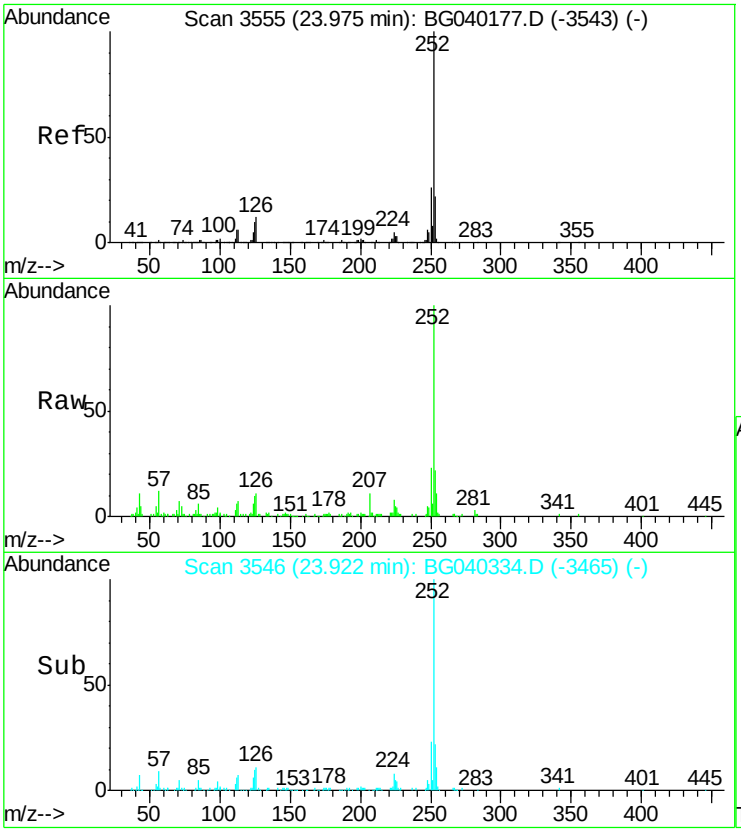


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.05 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Tgt Ion:264 Resp: 418534

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	22.1	16.8	25.2





#88
Benzo(b)fluoranthene
Concen: 5.487 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.05 min
Lab File: BG040334.D
Acq: 3 Apr 2019 20:26

Instrument :
BNA_G
ClientSampleId :
S8B(2-10)COMP

Tgt Ion:252 Resp: 140598

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.1	8.2	12.4