Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
Data File : BG041356.D
Acq On : 20 Jun 2019 14:33
Operator : HP/JU
Sample : K3163-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 20 15:54:34 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	8.08	152	44738	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	170933	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	111107	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	248052	20.00	ng		0.00
76) Chrysene-d12	21.74	240	267560	20.00	ng		0.00
87) Perylene-d12	25.07	264	262757	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	122672	50.38	ng		0.00
7) Phenol-d6	7.23	99	184803	52.36	ng		0.00
23) Nitrobenzene-d5	9.26	82	133780	32.92	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	82807	48.55	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	284540	34.81	ng		0.00
79) Terphenyl-d14	20.06	244	454800	33.69	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	12.55	142	18264	2.669	ng		99
38) 1-Methylnaphthalene	12.55	142	18264	2.790	ng		95
49) Acenaphthylene	14.44	152	75908	6.917	ng		97
50) Dimethylphthalate	14.16	163	30516	3.087	ng	#	98
52) Acenaphthene	14.77	154	14426	2.239	ng		90
54) 2,4-Dinitrophenol	14.79	184	73	4.892	ng	#	1
56) 4-Nitrophenol	14.91	139	2997	5.059	ng	#	62
58) Fluorene	15.76	166	40981	4.650	ng	#	94
71) Phenanthrene	17.51	178	315036	23.813	ng		98
72) Anthracene	17.59	178	82778	6.347	ng		99
75) Fluoranthene	19.52	202	677695	38.559	ng		98
78) Pyrene	19.88	202	1126523	62.430	ng		95
81) Benzo(a)anthracene	21.72	228	523831	28.915	ng		96
83) Chrysene	21.79	228	525135	30.142	ng		95
86) Indeno(1,2,3-cd)pyrene	28.87	276	143561	6.945	ng	#	91
88) Benzo(b)fluoranthene	24.00	252	448028	27.513	ng	#	94
89) Benzo(k)fluoranthene	24.00	252	448028	27.773	ng	#	96
90) Benzo(a)pyrene	24.91	252	432562	28.127	ng		96
91) Dibenzo(a,h)anthracene	28.92	278	43434	2.805	ng	#	67
92) Benzo(g,h,i)perylene	30.09	276	130367	8.520	ng	#	92

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

Quantitation Report (Not Reviewed)

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Data File : BG041356.D
Acq On : 20 Jun 2019 14:33
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
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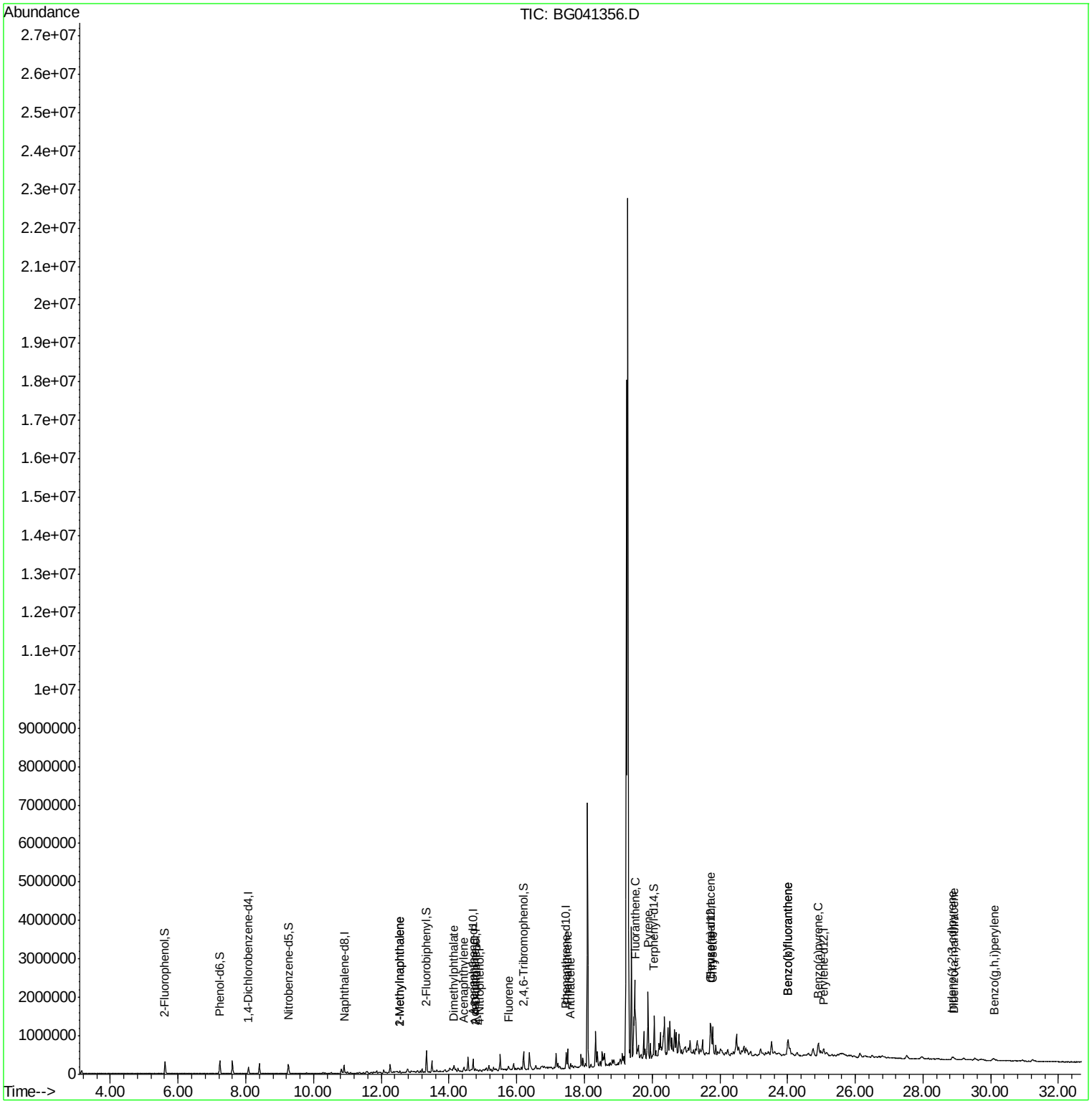
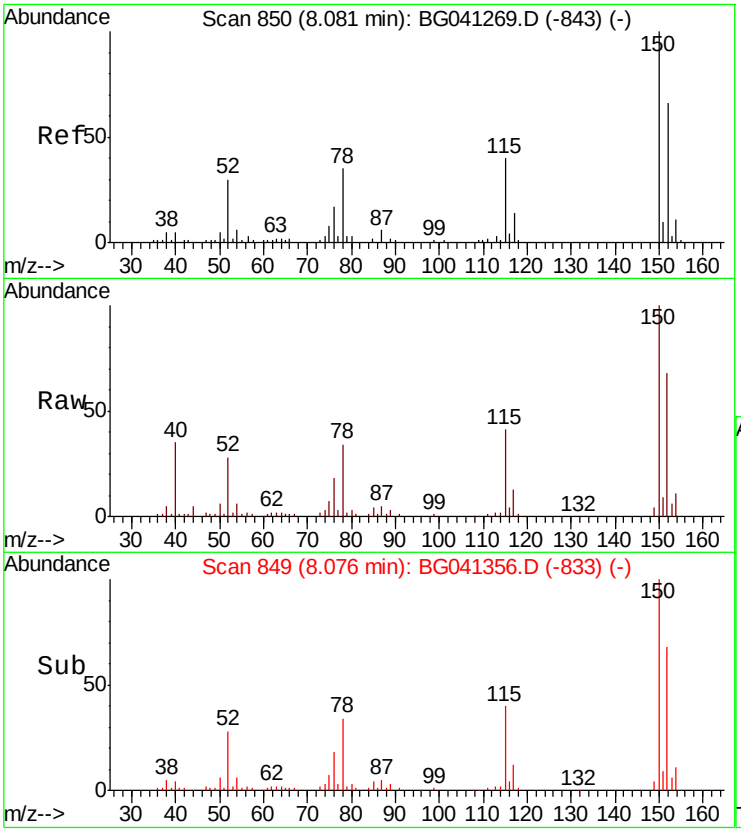


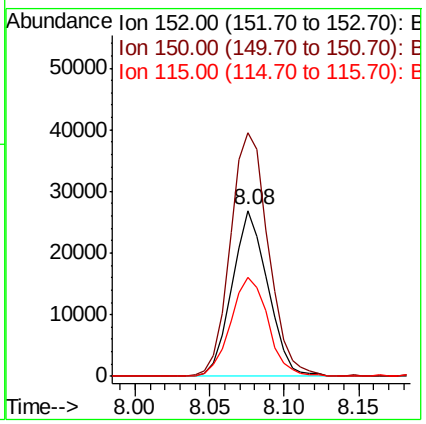


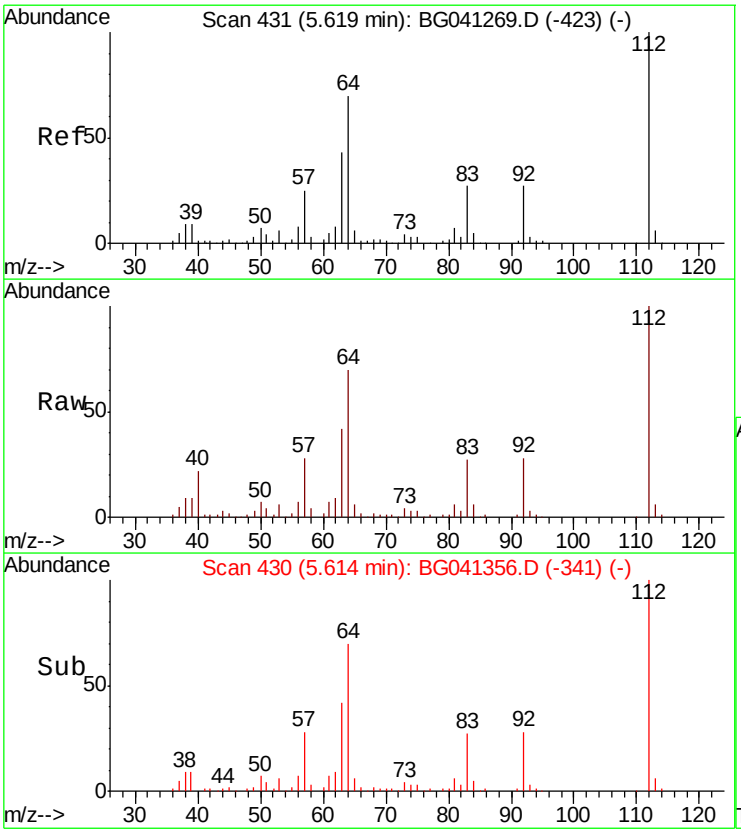
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 44738

Ion	Ratio	Lower	Upper
152	100		
150	147.1	120.6	181.0
115	59.8	47.9	71.9

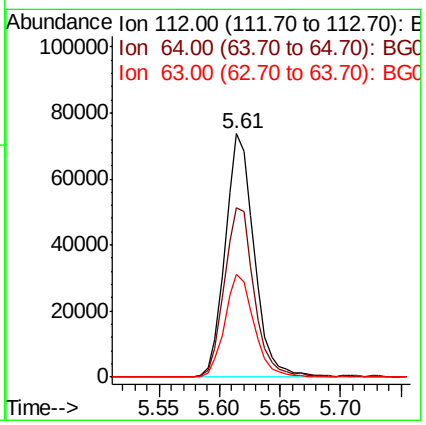


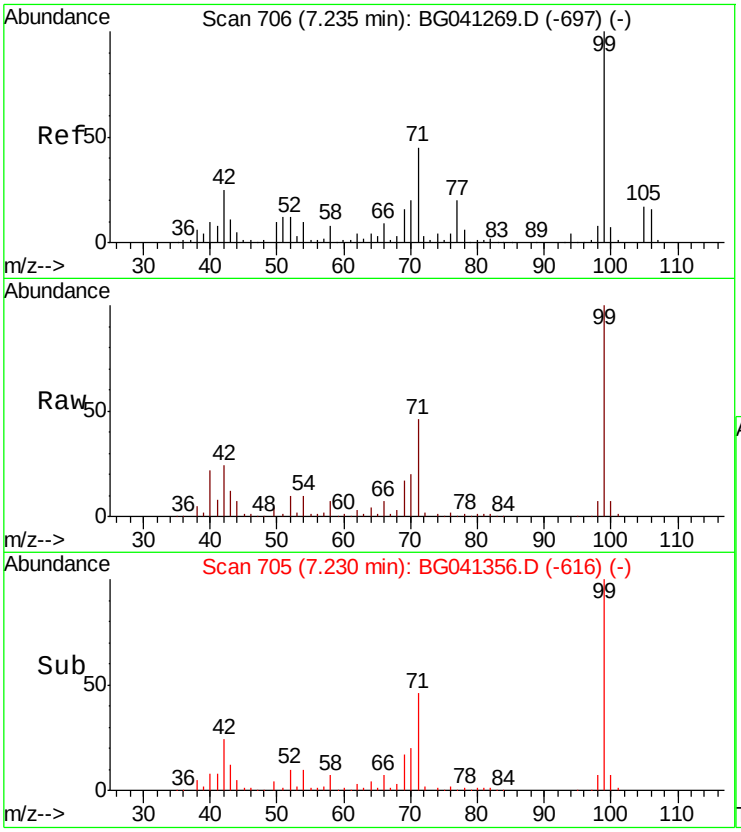


#5
2-Fluorophenol
Concen: 50.382 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Tgt Ion:112 Resp: 122672

Ion	Ratio	Lower	Upper
112	100		
64	69.8	55.9	83.9
63	42.0	34.6	51.8



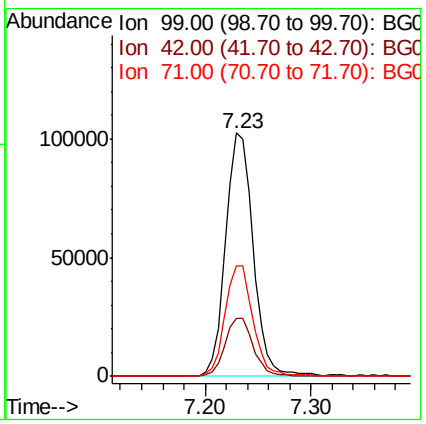


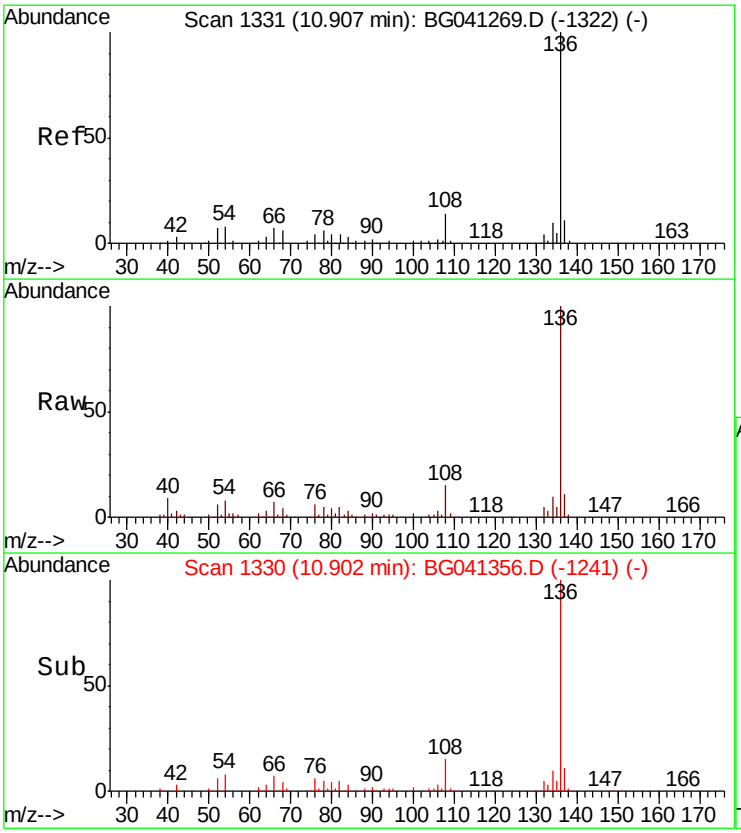
#7
Phenol-d6
Concen: 52.362 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 184803

Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.9	29.9
71	45.6	36.4	54.6

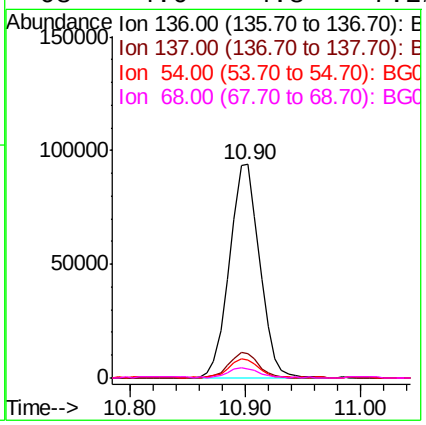


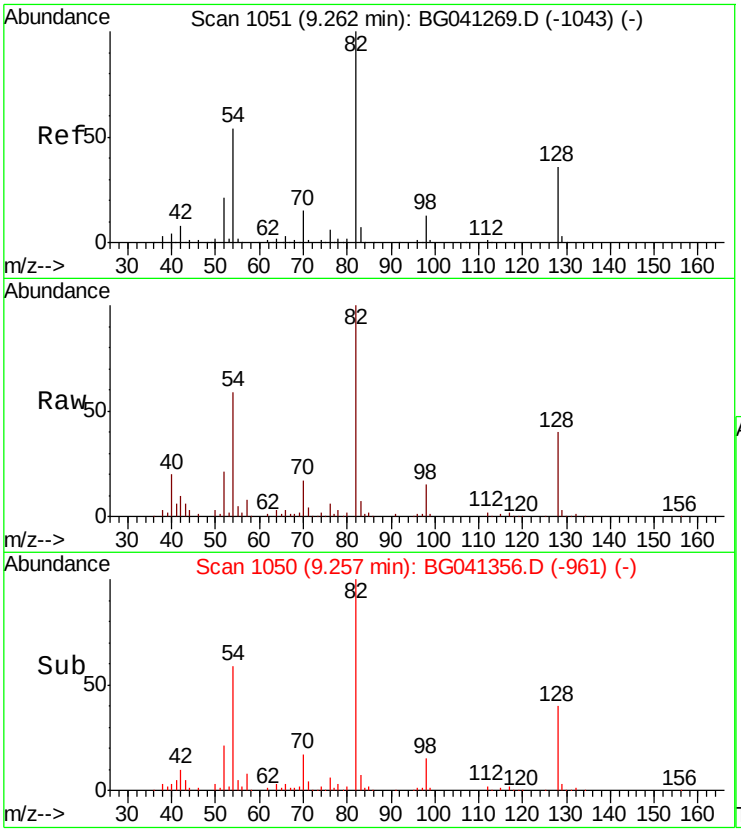


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Tgt Ion:136 Resp: 170933

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.2	6.4	9.6
68	4.0	4.8	7.2#



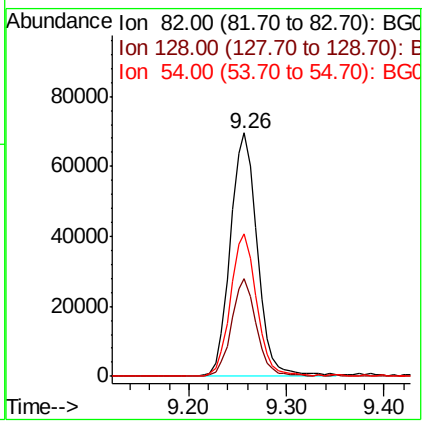


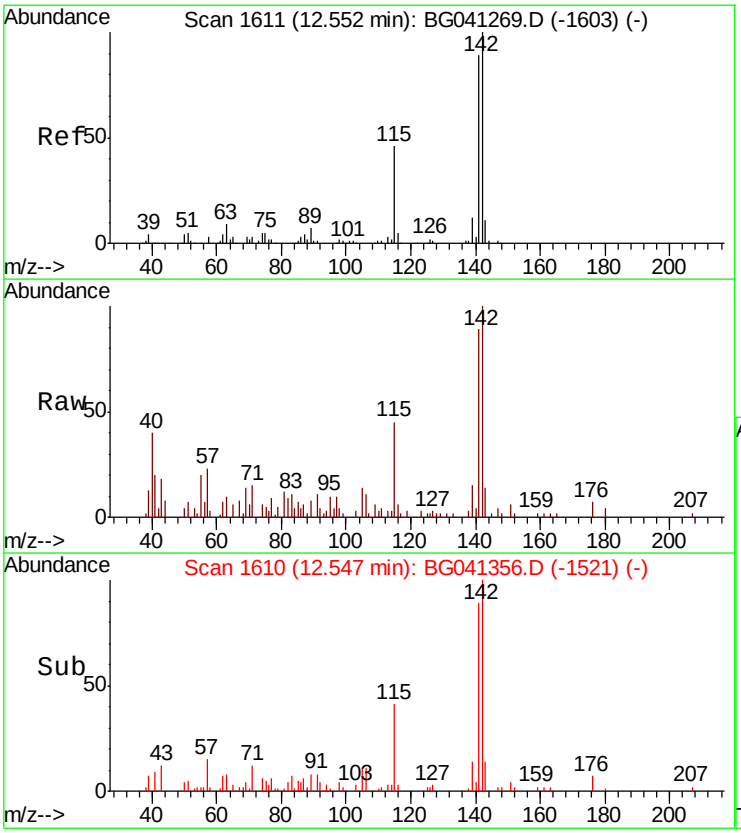
#23
Nitrobenzene-d5
Concen: 32.915 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 133780

Ion	Ratio	Lower	Upper
82	100		
128	40.0	29.2	43.8
54	58.5	43.4	65.0

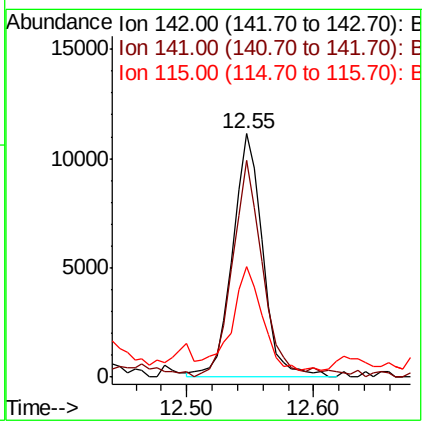


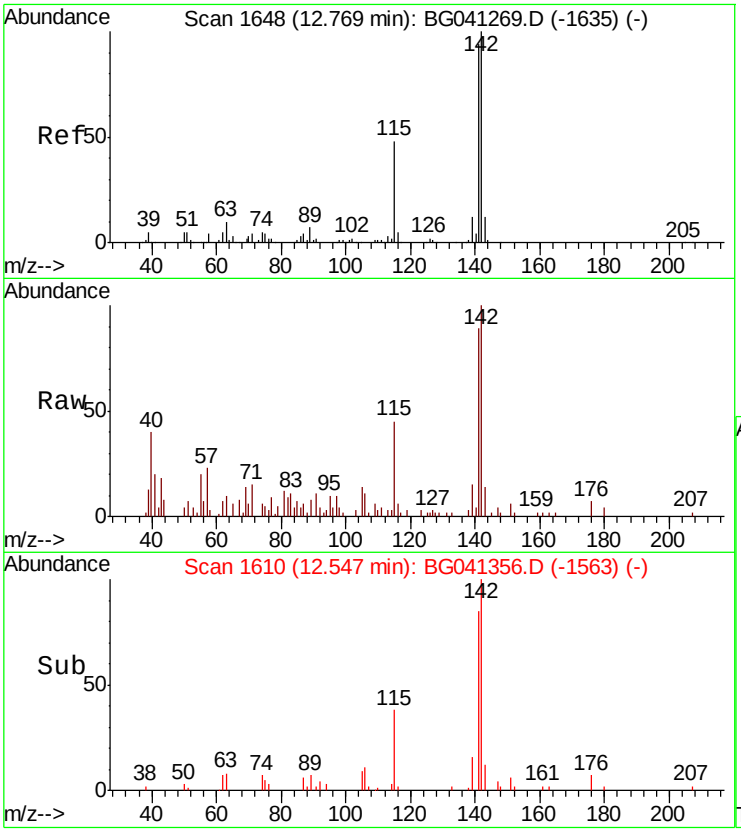


#37
2-Methylnaphthalene
Concen: 2.669 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Tgt Ion:142 Resp: 18264

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.5	107.3
115	45.2	37.0	55.6



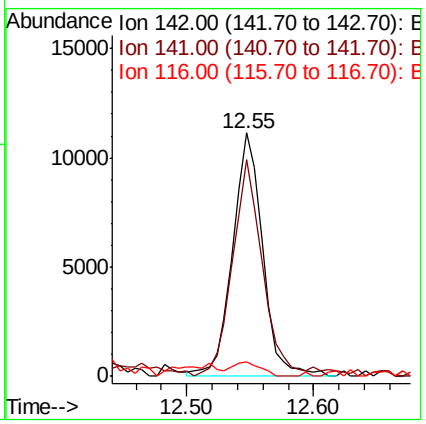


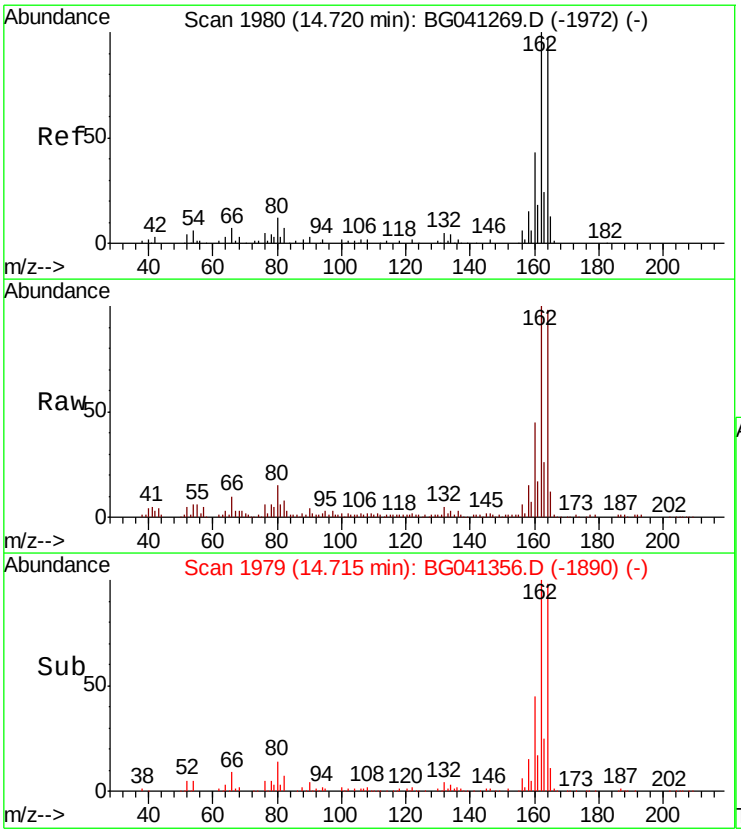
#38
1-Methylnaphthalene
Concen: 2.790 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.22 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 18264

Ion	Ratio	Lower	Upper
142	100		
141	88.8	75.0	112.6
116	5.7	4.2	6.2

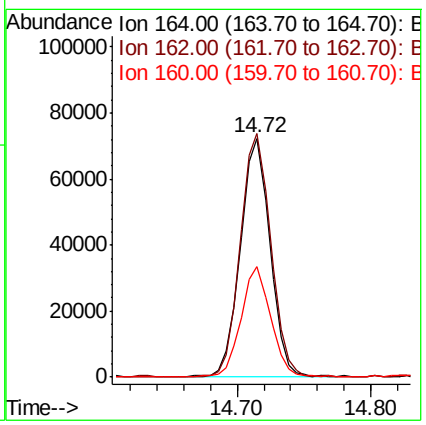


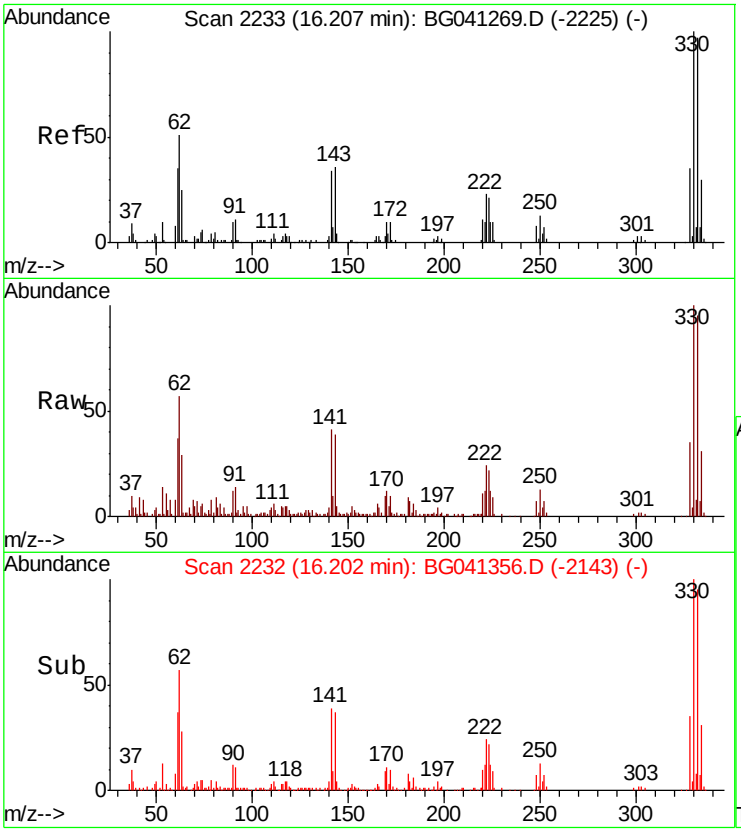


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Tgt Ion:164 Resp: 111107

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.8	124.2
160	46.2	35.8	53.8



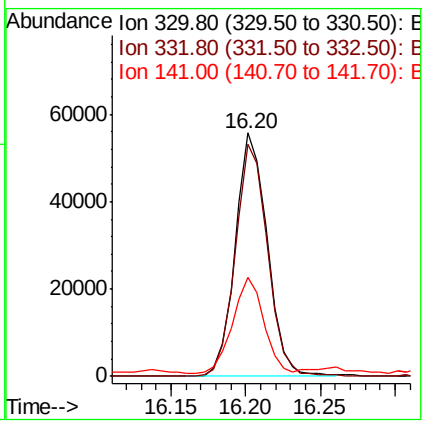


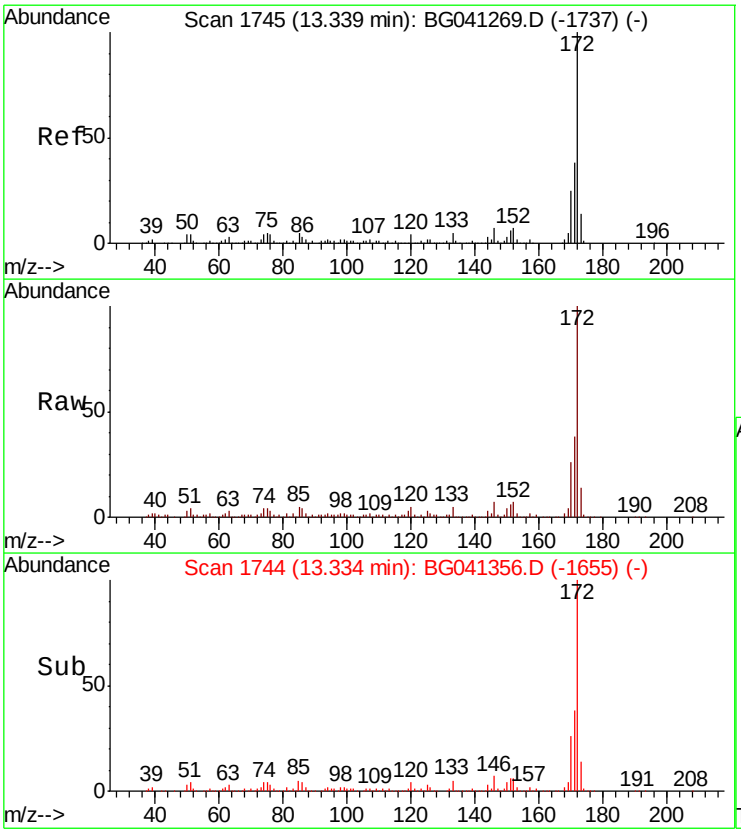
#42
2,4,6-Tribromophenol
Concen: 48.546 ng
RT: 16.20 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 82807

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.5	113.3
141	38.0	29.0	43.4

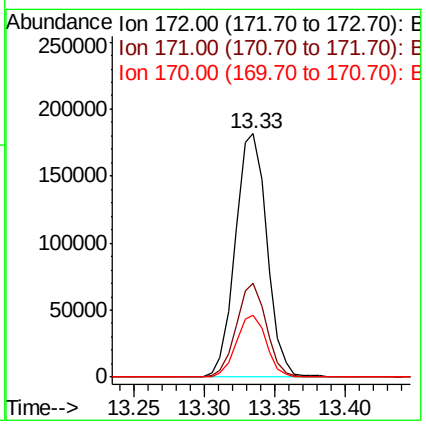


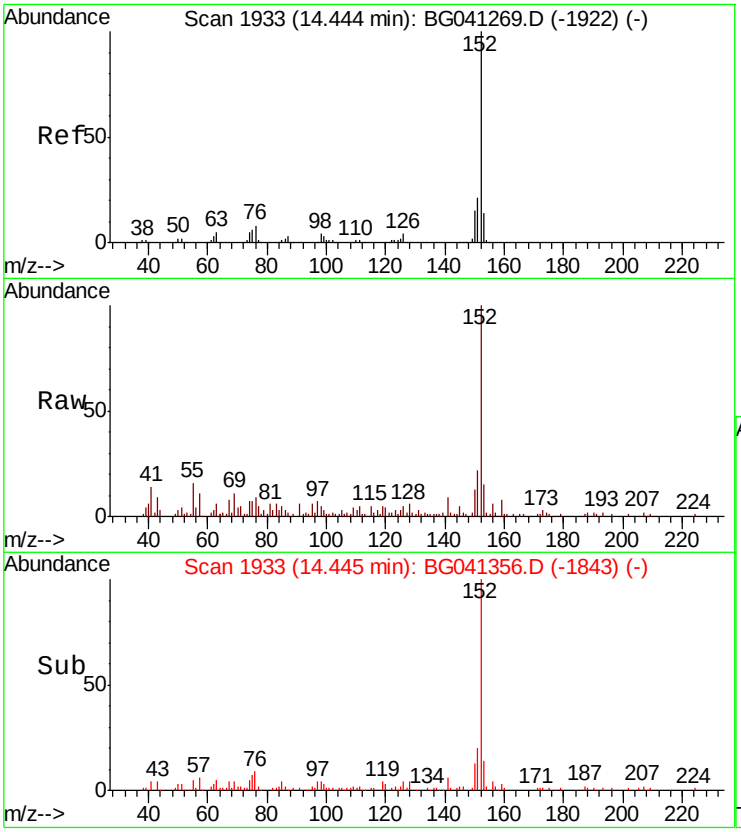


#45
2-Fluorobiphenyl
Concen: 34.807 ng
RT: 13.33 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Tgt Ion:172 Resp: 284540

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.5	19.8	29.6



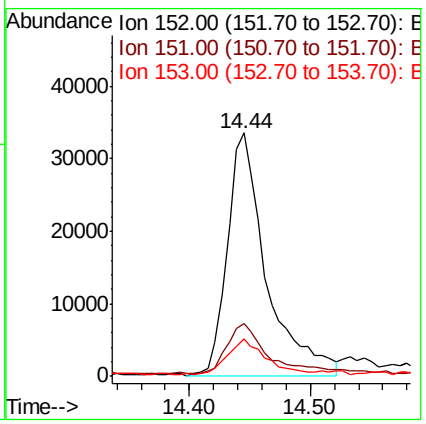


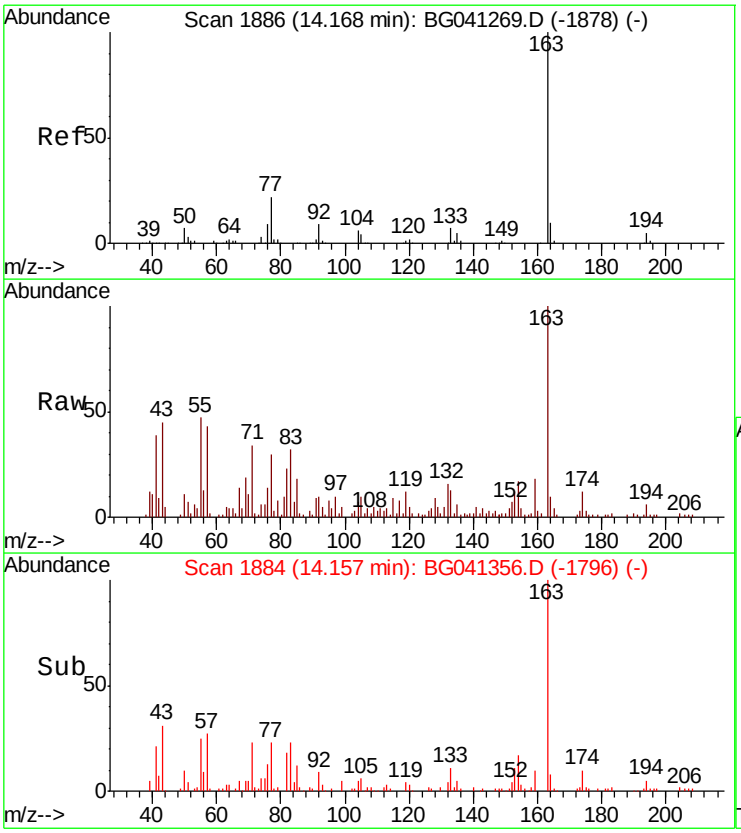
#49
Acenaphthylene
Concen: 6.917 ng
RT: 14.44 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 75908

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.8	25.2
153	15.2	10.8	16.2

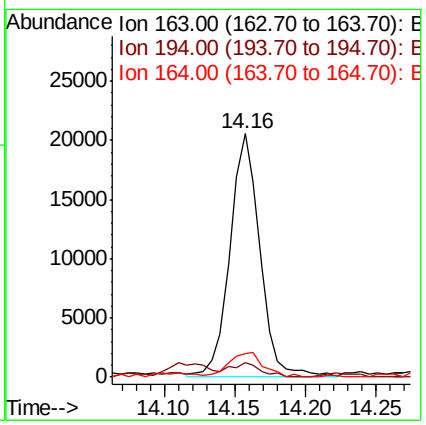


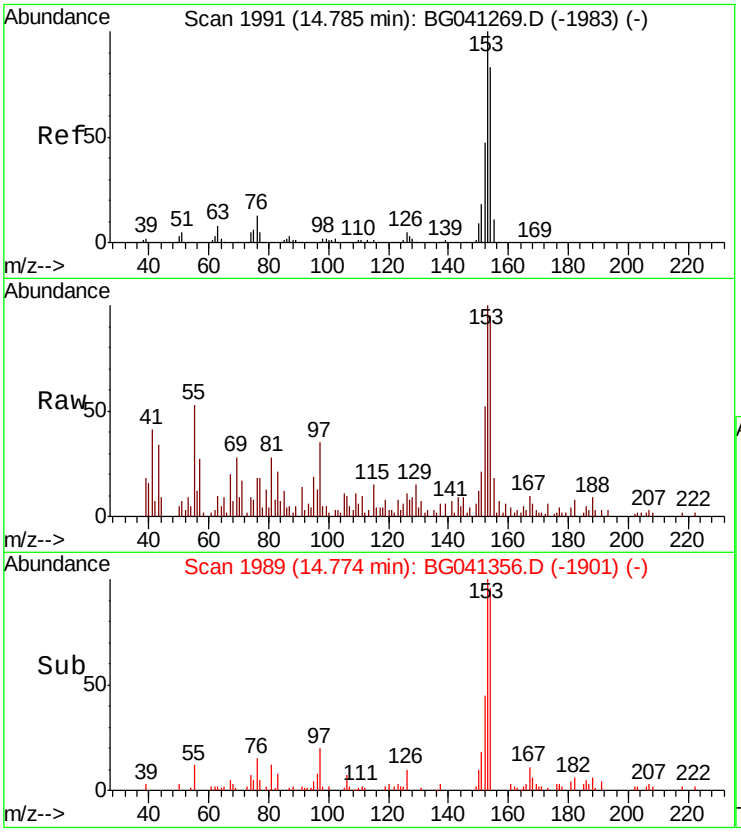


#50
Dimethylphthalate
Concen: 3.087 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Tgt Ion:163 Resp: 30516

Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.9	5.9#
164	9.6	8.3	12.5



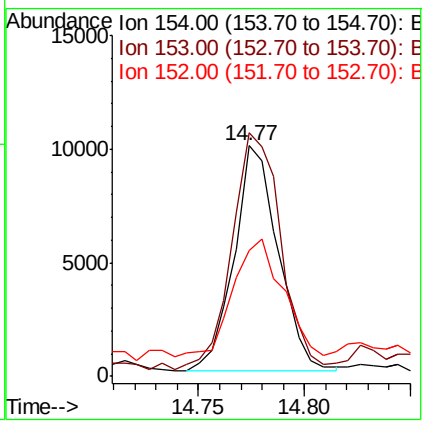


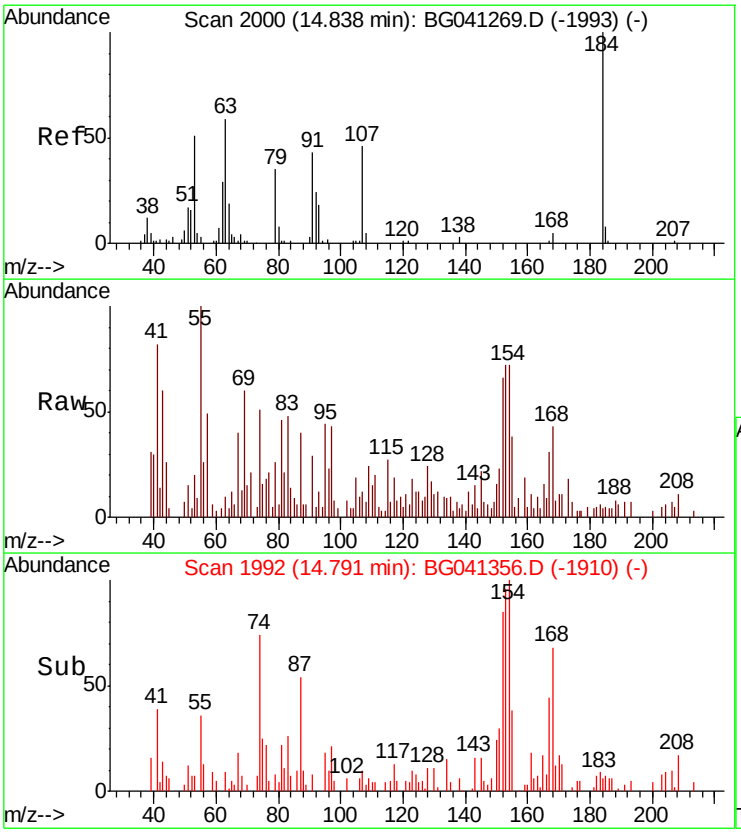
#52
Acenaphthene
Concen: 2.239 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 14426

Ion	Ratio	Lower	Upper
154	100		
153	105.6	96.6	145.0
152	54.6	45.5	68.3

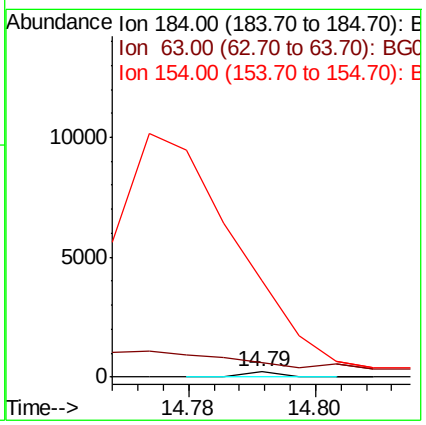


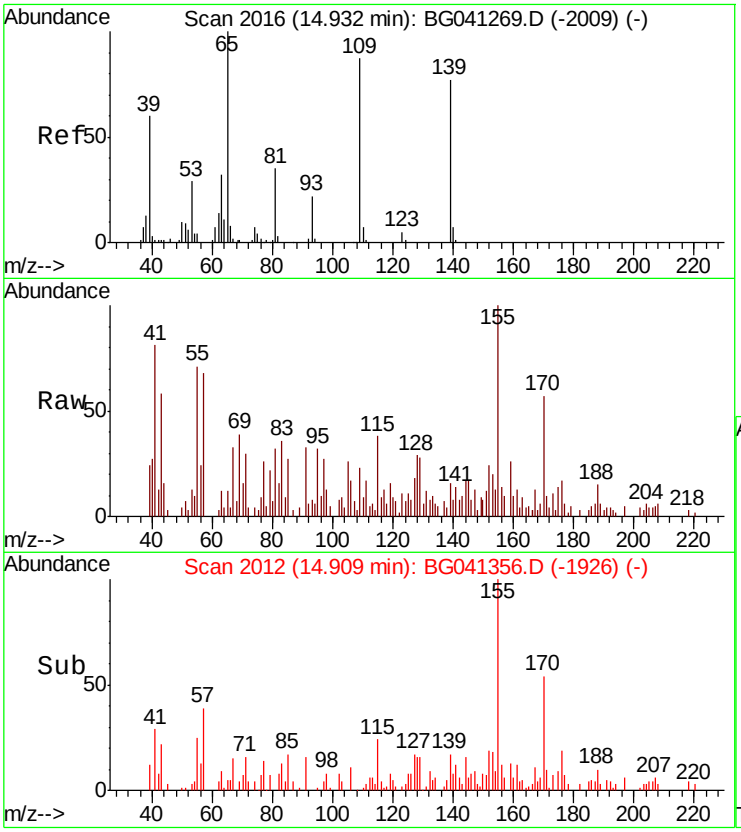


#54
2,4-Dinitrophenol
Concen: 4.892 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.05 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Tgt Ion:184 Resp: 73

Ion	Ratio	Lower	Upper
184	100		
63	284.0	60.0	90.0#
154	1963.1	58.3	87.5#



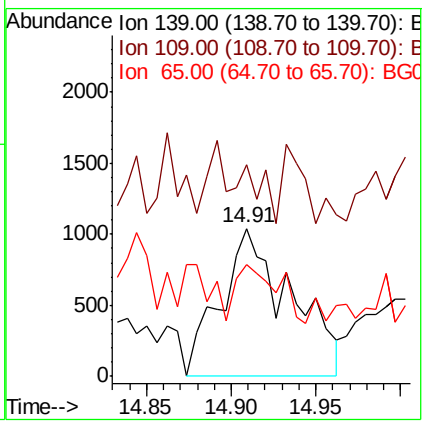


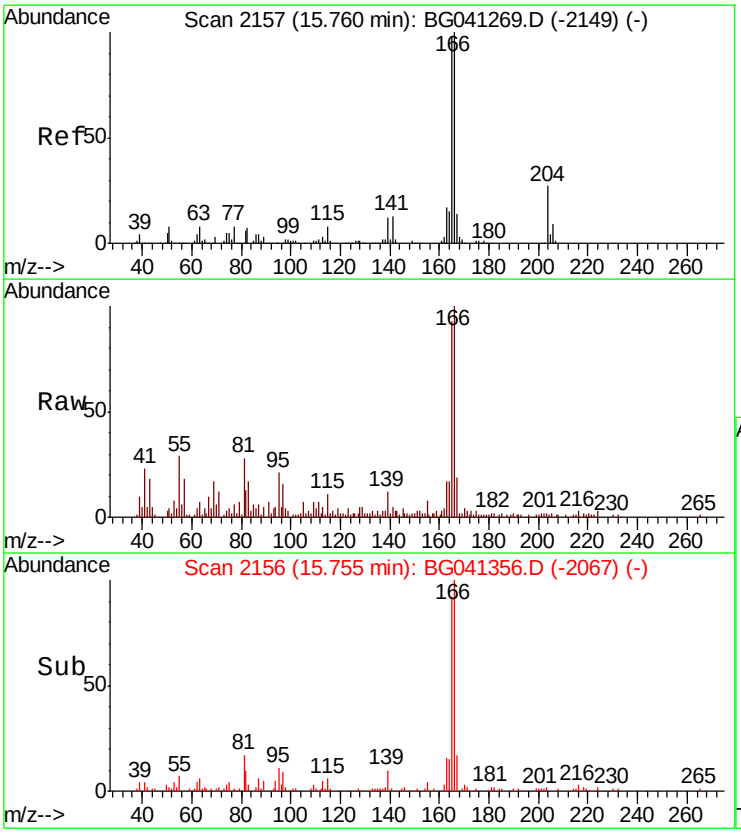
#56
4-Nitrophenol
Concen: 5.059 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 2997

Ion	Ratio	Lower	Upper
139	100		
109	143.2	93.2	133.2#
65	75.7	110.2	150.2#

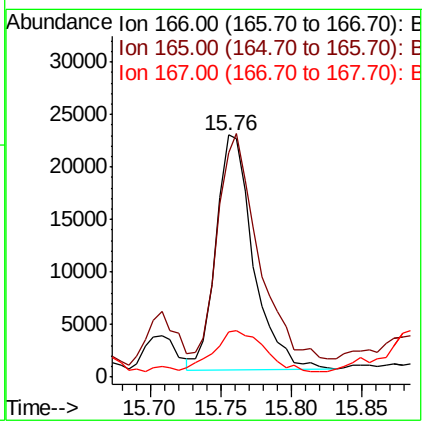


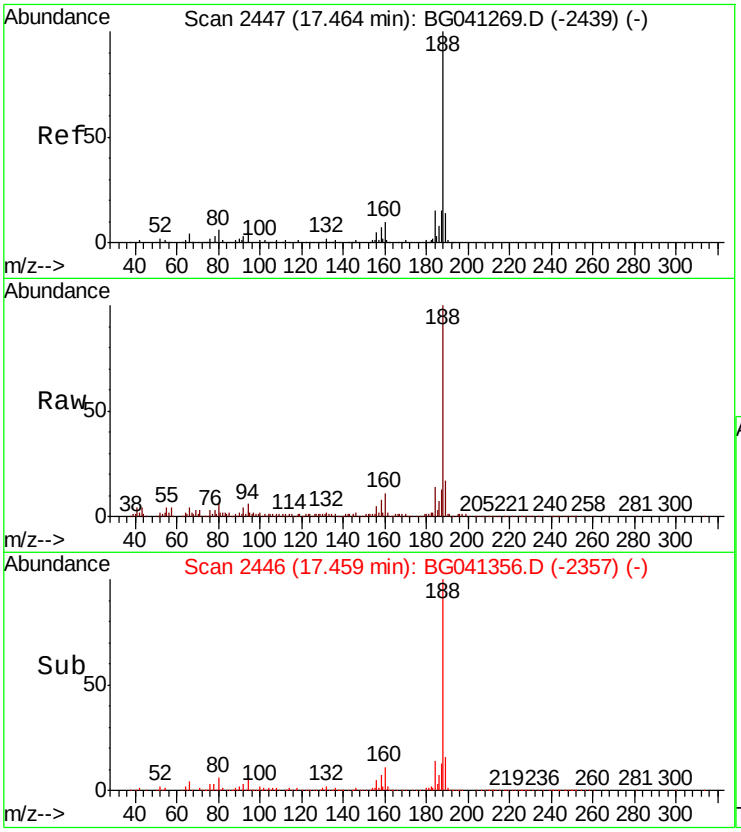


#58
Fluorene
Concen: 4.650 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Tgt Ion:166 Resp: 40981

Ion	Ratio	Lower	Upper
166	100		
165	93.0	78.8	118.2
167	18.7	11.3	16.9#



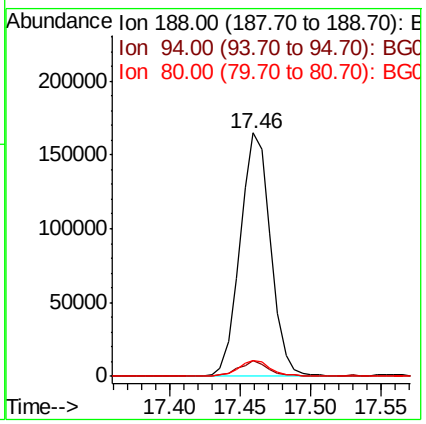


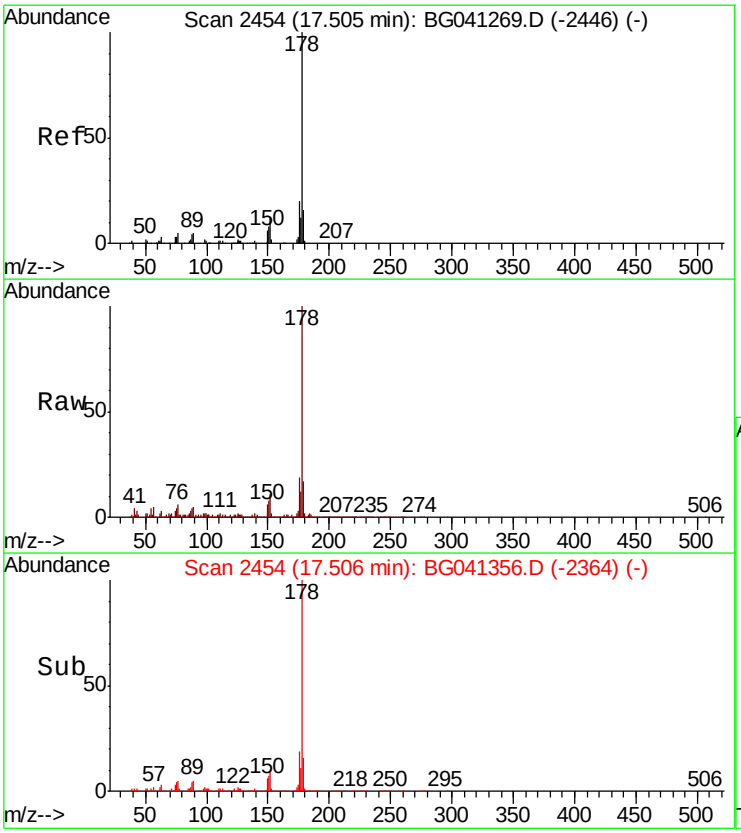
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 248052

Ion	Ratio	Lower	Upper
188	100		
94	6.3	3.6	5.4#
80	6.3	4.8	7.2

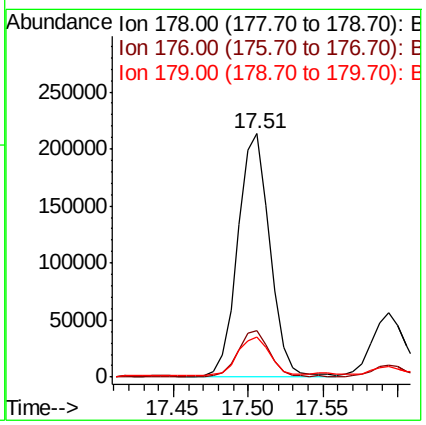


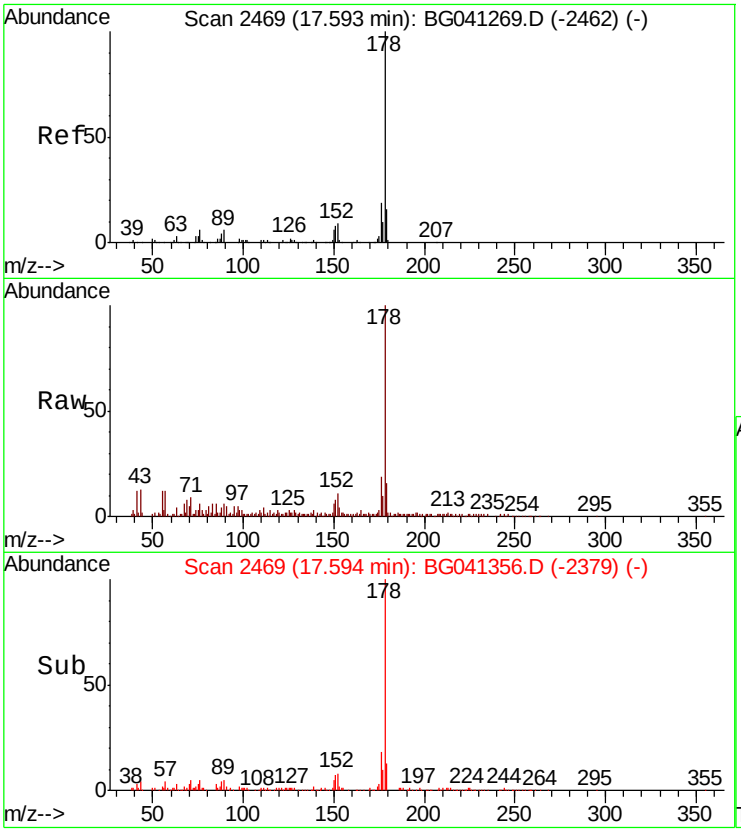


#71
Phenanthrene
Concen: 23.813 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Tgt Ion:178 Resp: 315036

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.1	24.1
179	16.7	12.9	19.3



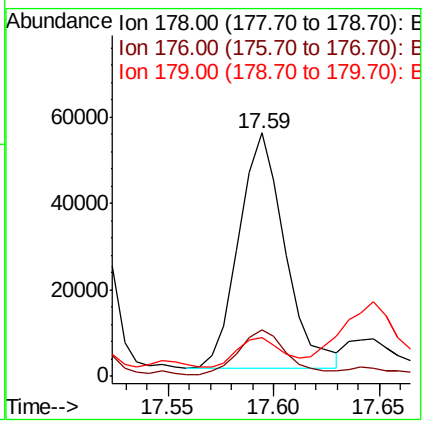


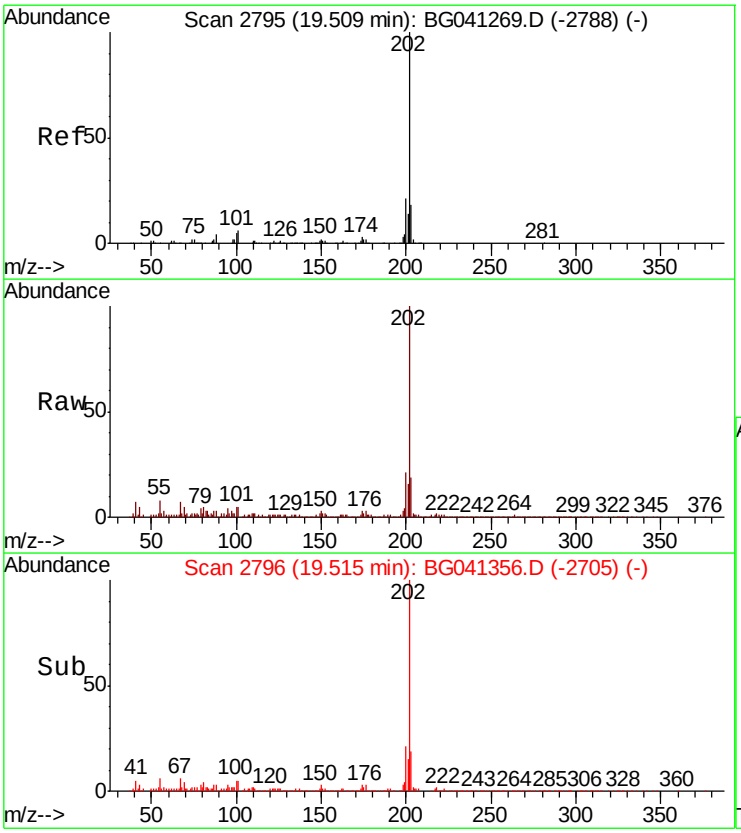
#72
Anthracene
Concen: 6.347 ng
RT: 17.59 min Scan# 2469
Delta R.T. 0.00 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 82778

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.8	13.0	19.4

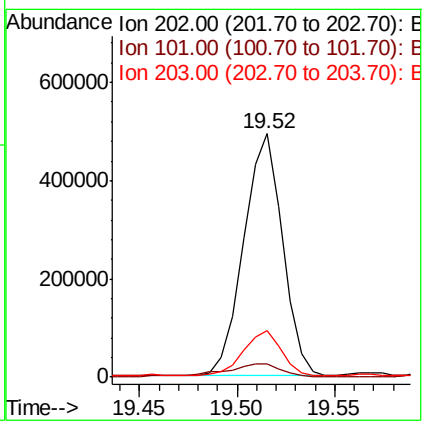


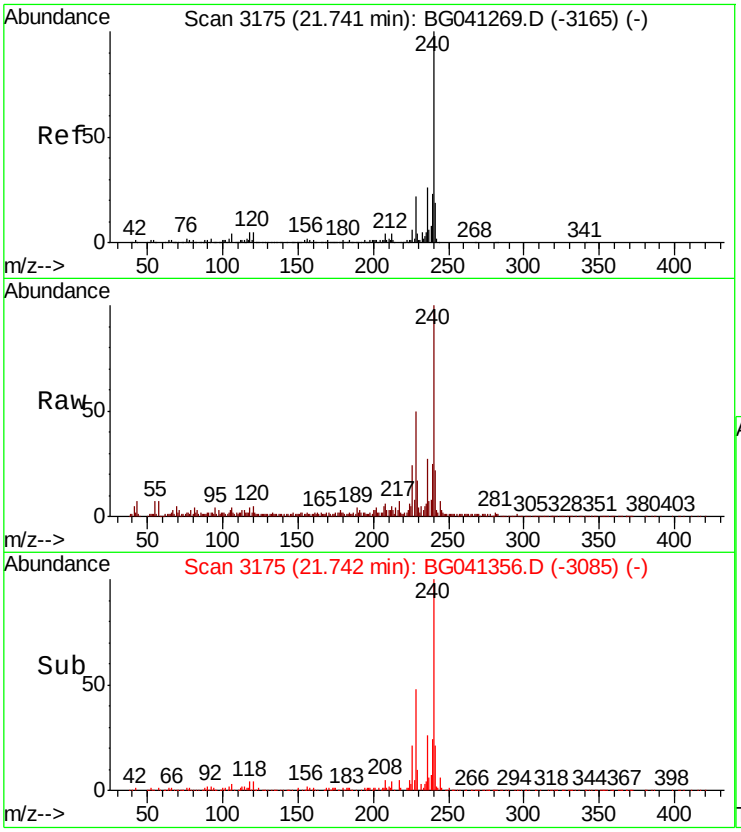


#75
Fluoranthene
Concen: 38.559 ng
RT: 19.52 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Tgt Ion:202 Resp: 677695

Ion	Ratio	Lower	Upper
202	100		
101	5.5	0.0	26.0
203	18.9	0.0	37.7



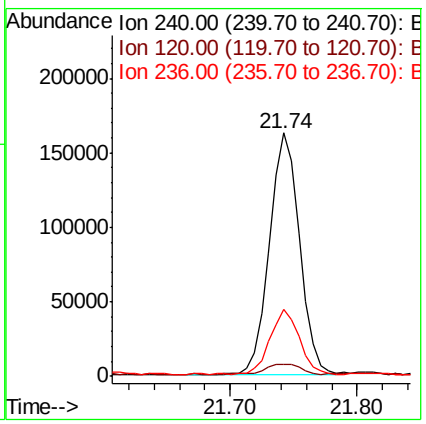


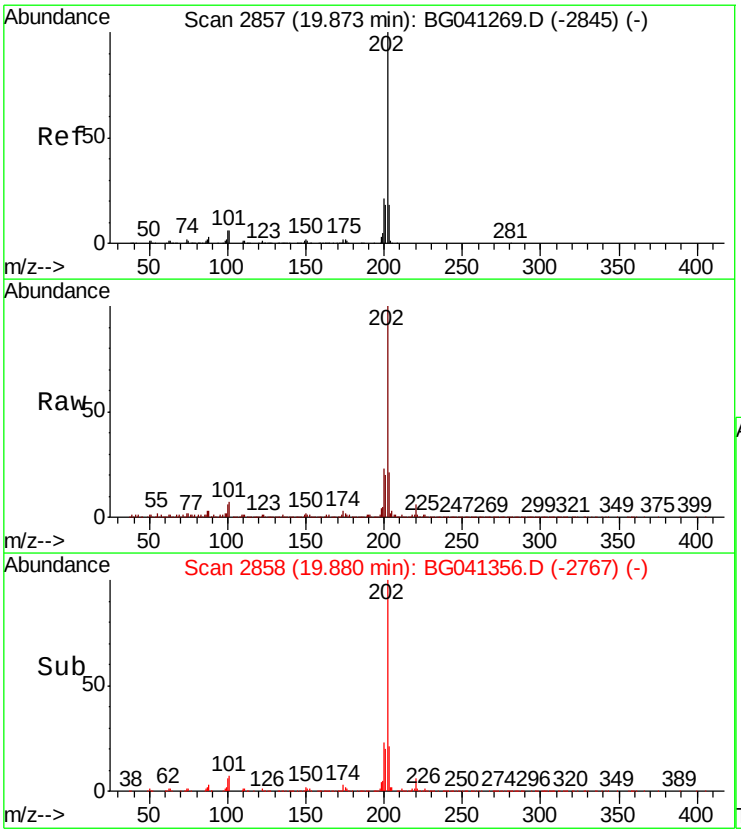
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 267560

Ion	Ratio	Lower	Upper
240	100		
120	5.1	3.7	5.5
236	27.4	21.1	31.7

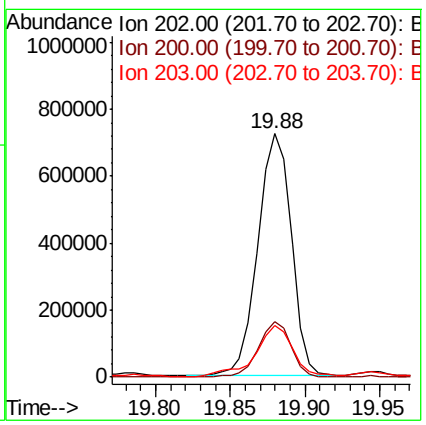


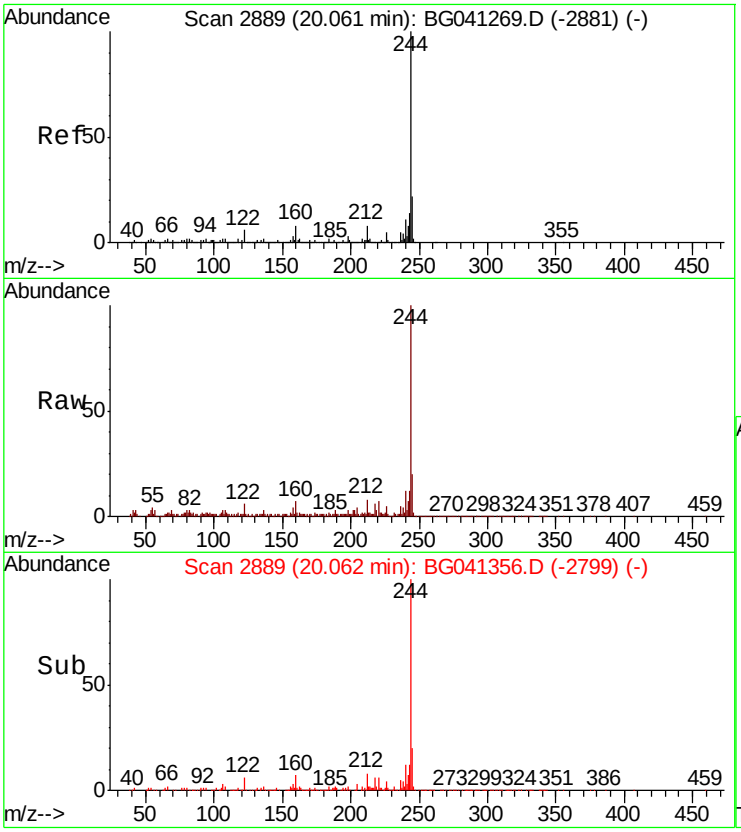


#78
Pyrene
Concen: 62.430 ng
RT: 19.88 min Scan# 2858
Delta R.T. 0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Tgt Ion:202 Resp: 1126523

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.8	25.2
203	21.2	14.6	21.8



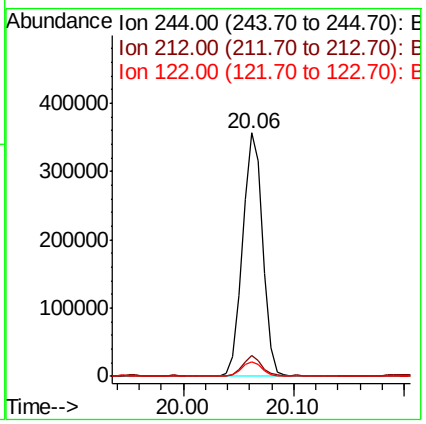


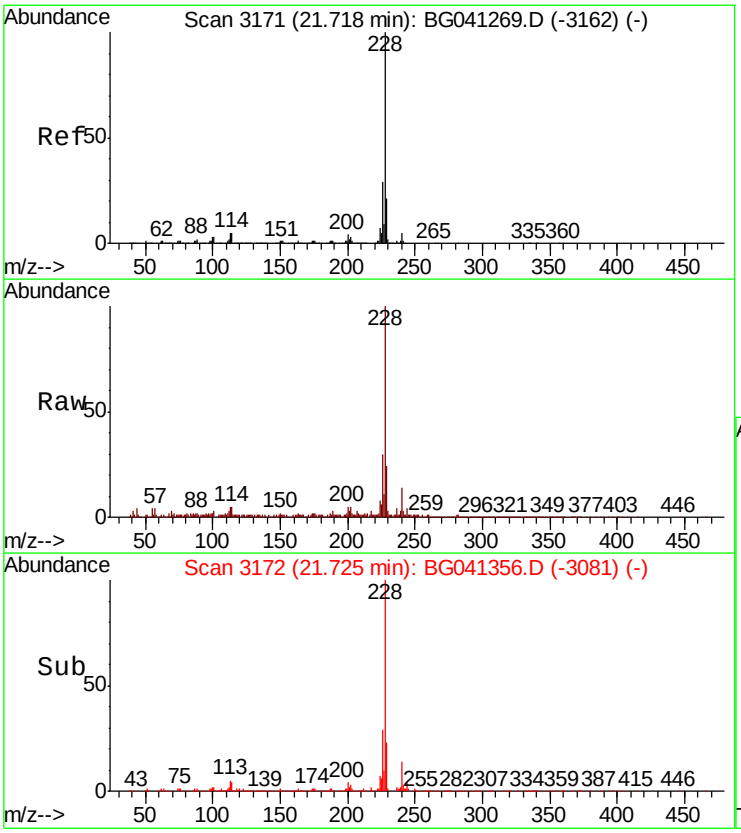
#79
Terphenyl-d14
Concen: 33.687 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 454800

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	10.0
122	6.1	5.0	7.4

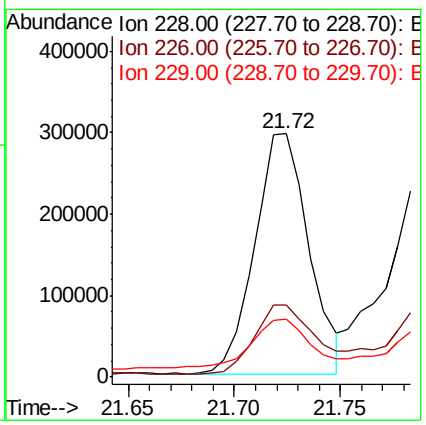


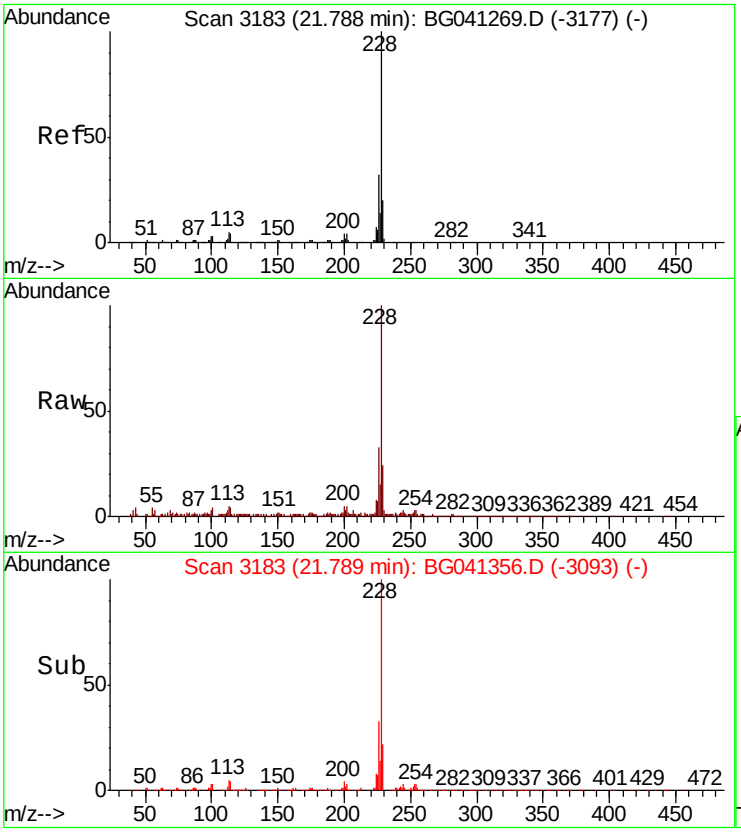


#81
Benzo(a)anthracene
Concen: 28.915 ng
RT: 21.72 min Scan# 3172
Delta R.T. 0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Tgt Ion:228 Resp: 523831

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.2	34.8
229	24.0	16.8	25.2



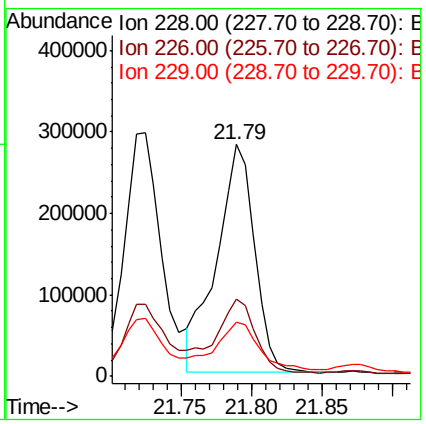


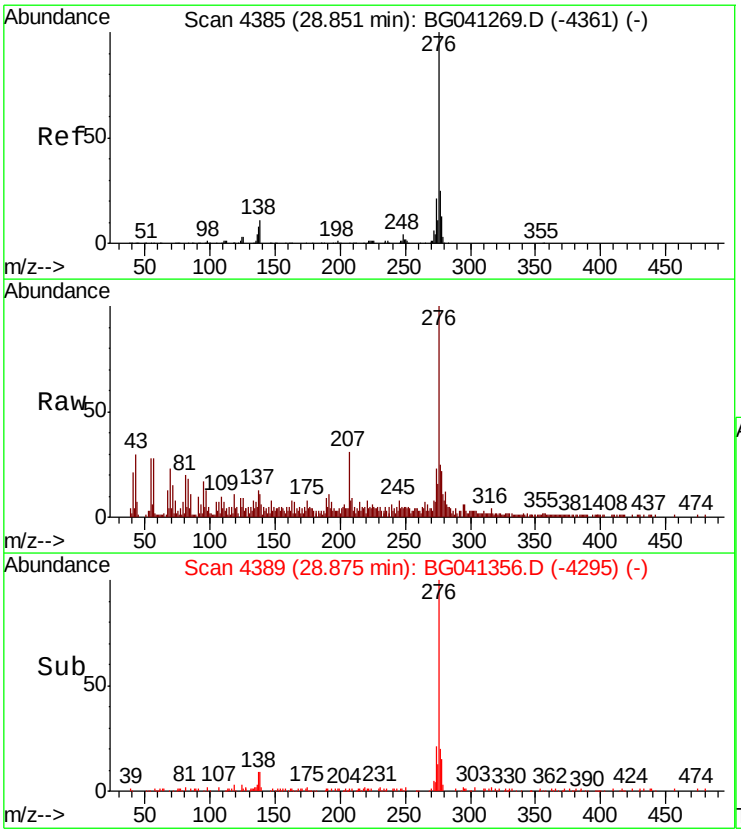
#83
Chrysene
Concen: 30.142 ng
RT: 21.79 min Scan# 3183
Delta R.T. 0.00 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 525135

Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.4	38.0
229	23.5	16.2	24.2

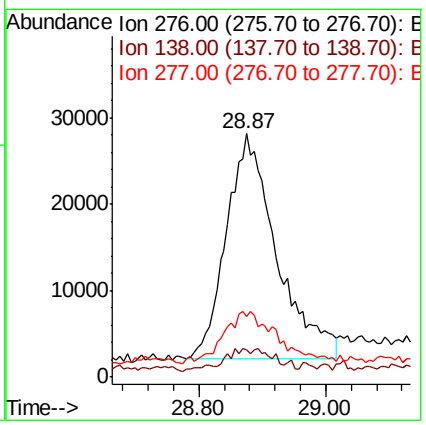


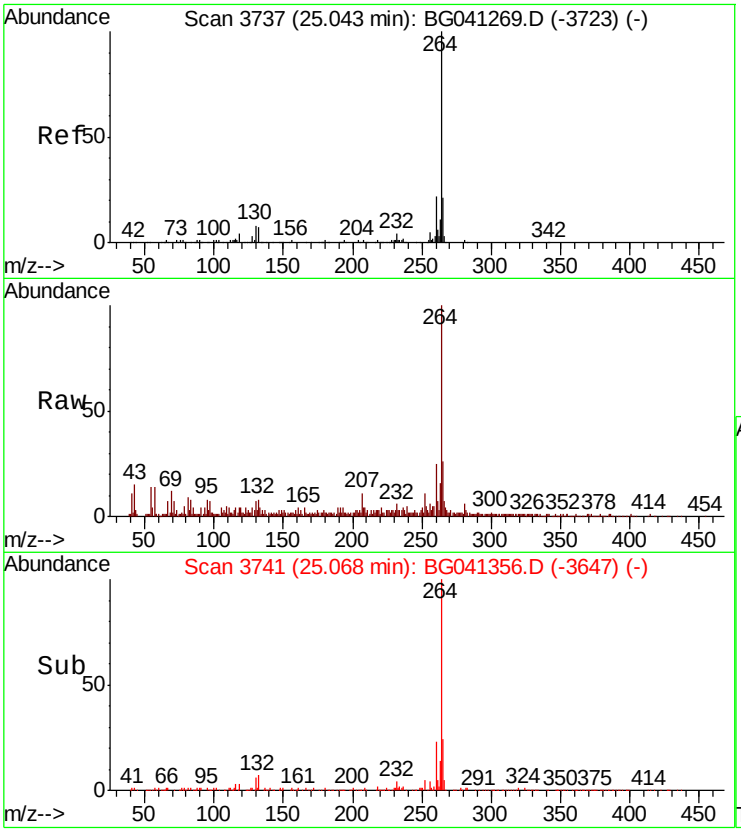


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.945 ng
RT: 28.87 min Scan# 4389
Delta R.T. 0.02 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Tgt Ion:276 Resp: 143561

Ion	Ratio	Lower	Upper
276	100		
138	0.0	7.7	11.5#
277	24.3	20.6	31.0



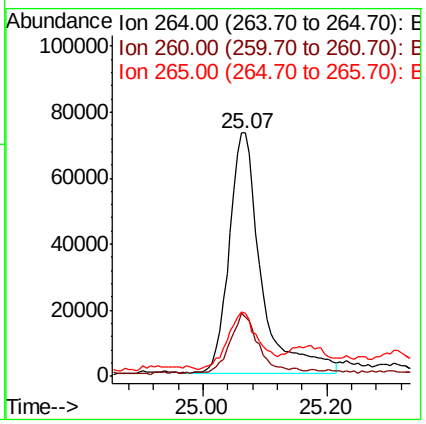


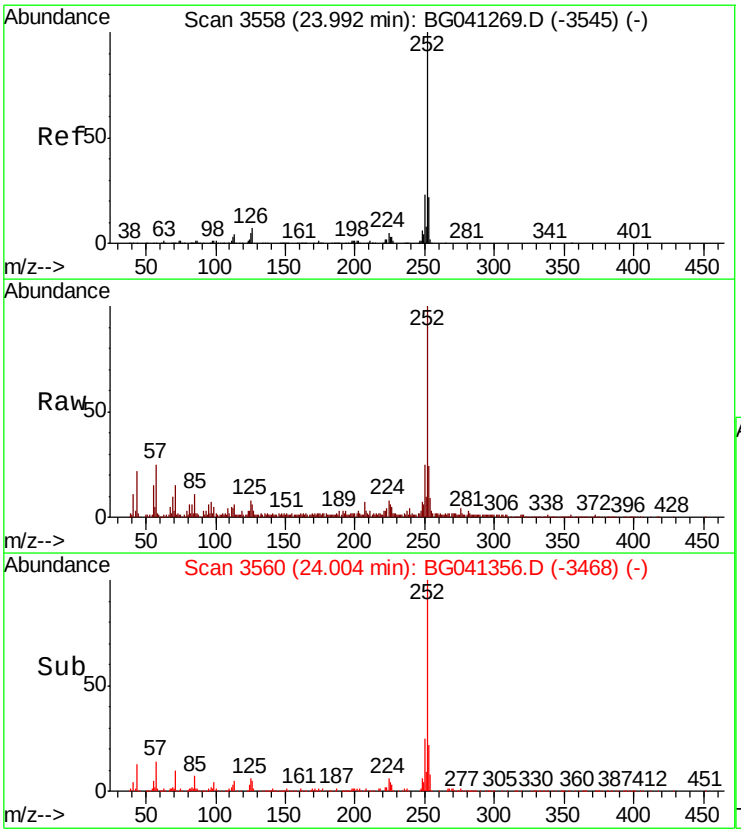
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3741
Delta R.T. 0.02 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 262757

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.2
265	25.9	17.2	25.8#

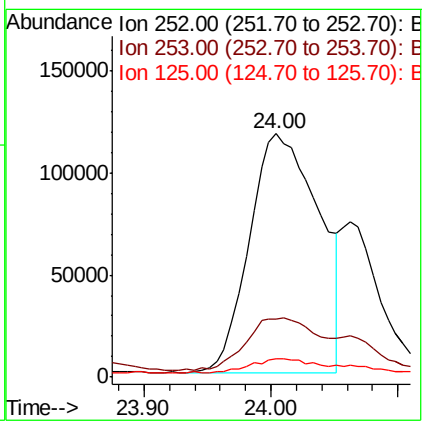


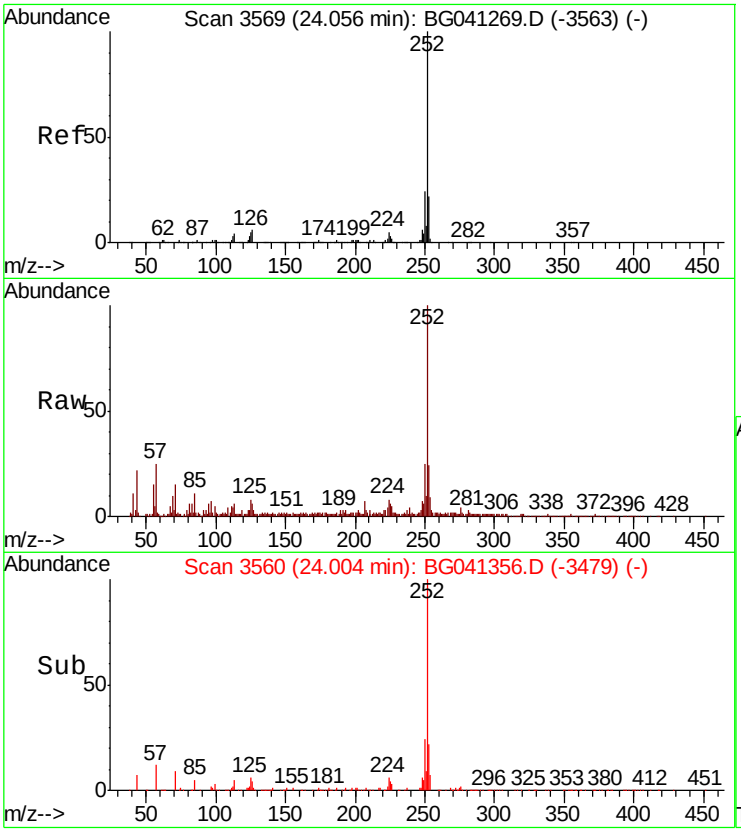


#88
Benzo(b)fluoranthene
Concen: 27.513 ng
RT: 24.00 min Scan# 3560
Delta R.T. 0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Tgt Ion:252 Resp: 448028

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	7.7	3.9	5.9#



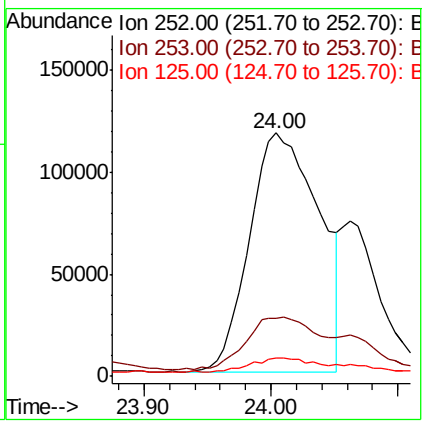


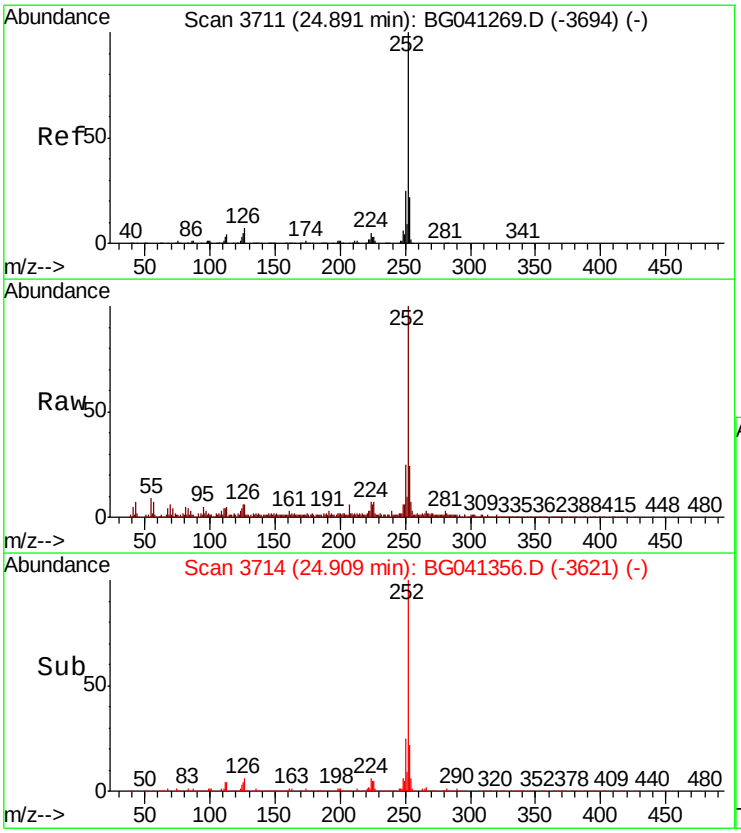
#89
Benzo(k)fluoranthene
Concen: 27.773 ng
RT: 24.00 min Scan# 3560
Delta R.T. -0.05 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 448028

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	7.7	4.3	6.5#

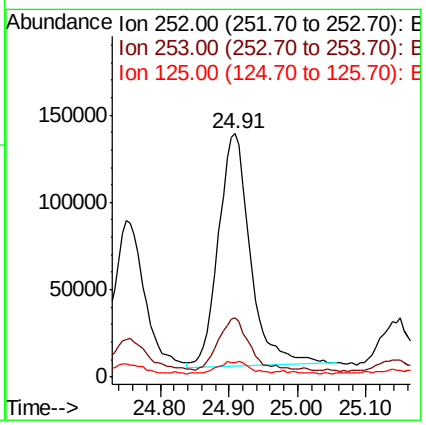


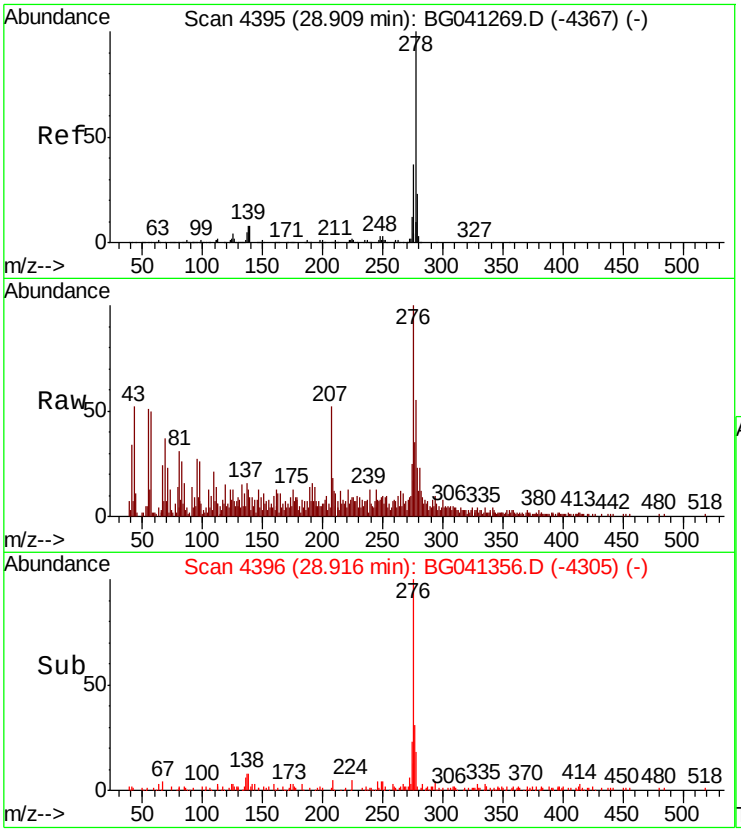


#90
Benzo(a)pyrene
Concen: 28.127 ng
RT: 24.91 min Scan# 3714
Delta R.T. 0.02 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Tgt Ion:252 Resp: 432562

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	5.9	4.2	6.4



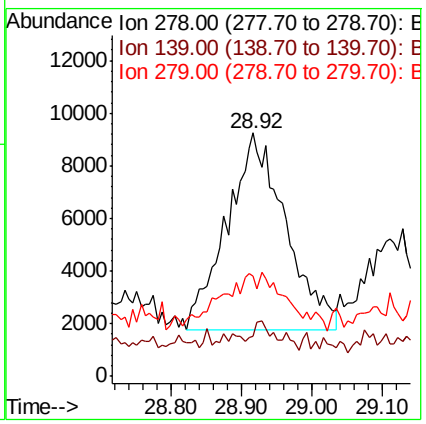


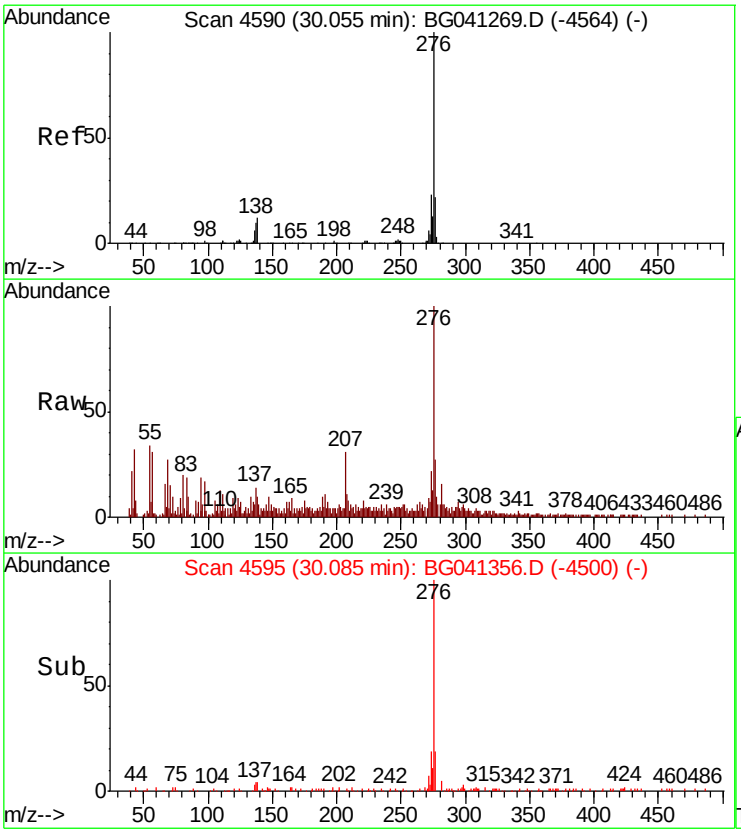
#91
Dibenzo(a,h)anthracene
Concen: 2.805 ng
RT: 28.92 min Scan# 4396
Delta R.T. 0.01 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 43434

Ion	Ratio	Lower	Upper
278	100		
139	16.6	6.6	10.0#
279	41.2	18.5	27.7#





#92
Benzo(g,h,i)perylene
Concen: 8.520 ng
RT: 30.09 min Scan# 4595
Delta R.T. 0.03 min
Lab File: BG041356.D
Acq: 20 Jun 2019 14:33

Tgt Ion:276 Resp: 130367

Ion	Ratio	Lower	Upper
276	100		
277	27.1	17.9	26.9#
138	9.8	9.4	14.0