Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042746.D
Acq On : 6 Sep 2019 8:46
Operator : HP/JU
Sample : K4692-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 06 09:26:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	35298	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	123704	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	87538	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	202513	20.00	ng		0.00
76) Chrysene-d12	21.69	240	226685	20.00	ng		0.00
87) Perylene-d12	24.94	264	276753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	123429	70.82	ng		0.00
7) Phenol-d6	7.16	99	161610	68.65	ng		-0.01
23) Nitrobenzene-d5	9.16	82	97648	54.55	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	101197	81.33	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	321110	62.04	ng		0.00
79) Terphenyl-d14	20.02	244	587552	56.04	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.19	94	5028	2.101	ng	#	65
19) n-Nitroso-di-n-propylamine	9.16	70	12216	8.010	ng	#	81
49) Acenaphthylene	14.38	152	27705	3.774	ng		95
50) Dimethylphthalate	14.10	163	46709	7.395	ng		98
52) Acenaphthene	14.72	154	10152	2.278	ng		96
55) Dibenzofuran	15.06	168	15477	2.098	ng		98
56) 4-Nitrophenol	15.06	139	5476	5.263	ng	#	14
57) 2,4-Dinitrotoluene	14.66	165	11547	5.508	ng	#	38
58) Fluorene	15.71	166	18438	3.057	ng		96
67) 4-Bromophenyl-phenylether	16.15	248	6682	2.601	ng	#	1
71) Phenanthrene	17.45	178	355371	35.328	ng		99
72) Anthracene	17.54	178	82988	8.264	ng		98
73) Carbazole	17.82	167	22497	2.514	ng		97
75) Fluoranthene	19.47	202	755397	61.532	ng		96
78) Pyrene	19.83	202	719334	51.758	ng		99
81) Benzo(a)anthracene	21.67	228	521350	37.807	ng		99
83) Chrysene	21.74	228	445785	33.520	ng		98
86) Indeno(1,2,3-cd)pyrene	28.66	276	376880	20.853	ng	#	94
88) Benzo(b)fluoranthene	23.91	252	677901	44.555	ng		99
89) Benzo(k)fluoranthene	23.91	252	677901	46.353	ng		99
90) Benzo(a)pyrene	24.64	252	340357	23.574	ng		100
91) Dibenzo(a,h)anthracene	28.87	278	36470	2.495	ng		92
92) Benzo(g,h,i)perylene	29.81	276	365896	25.026	ng	#	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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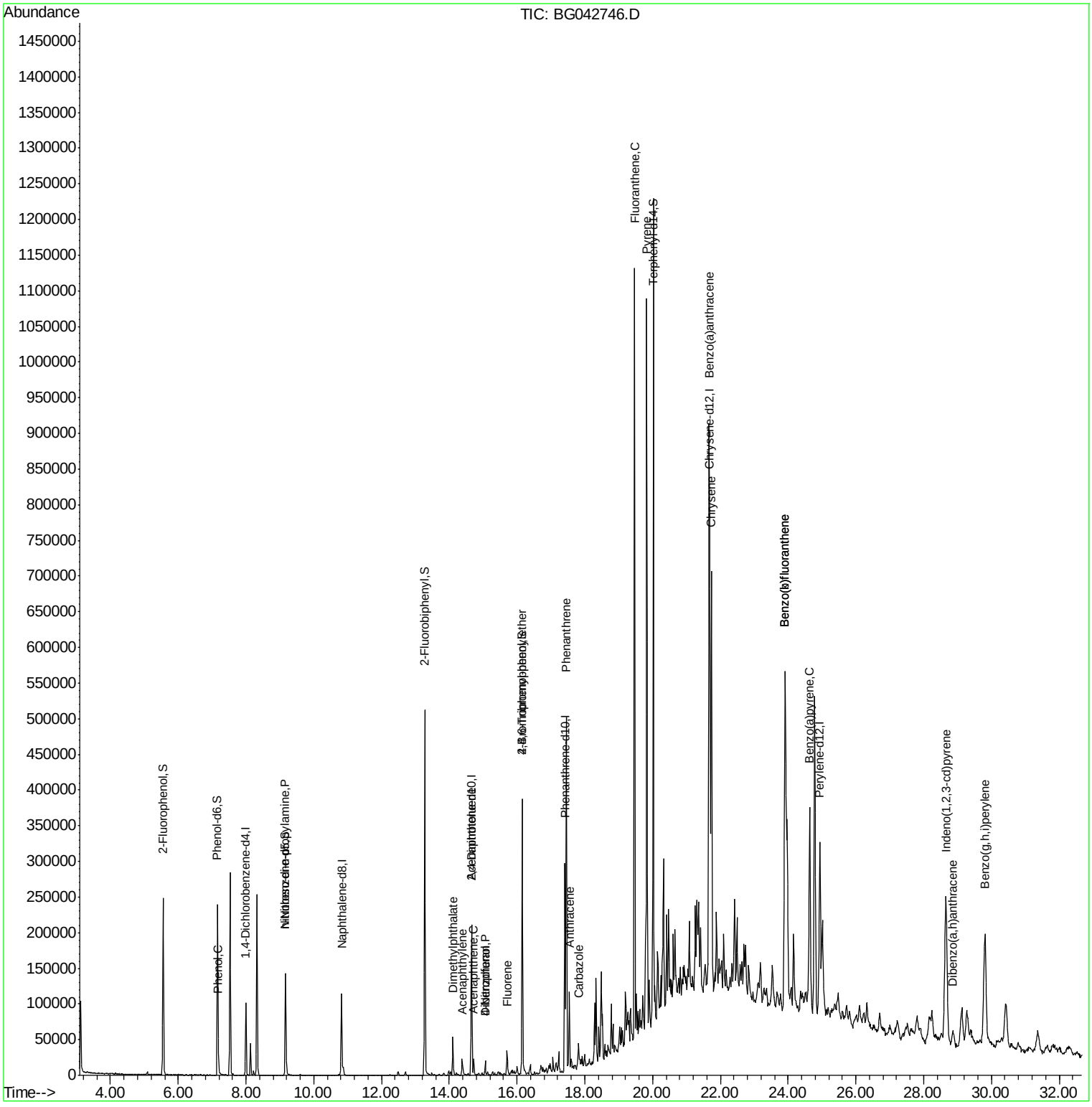
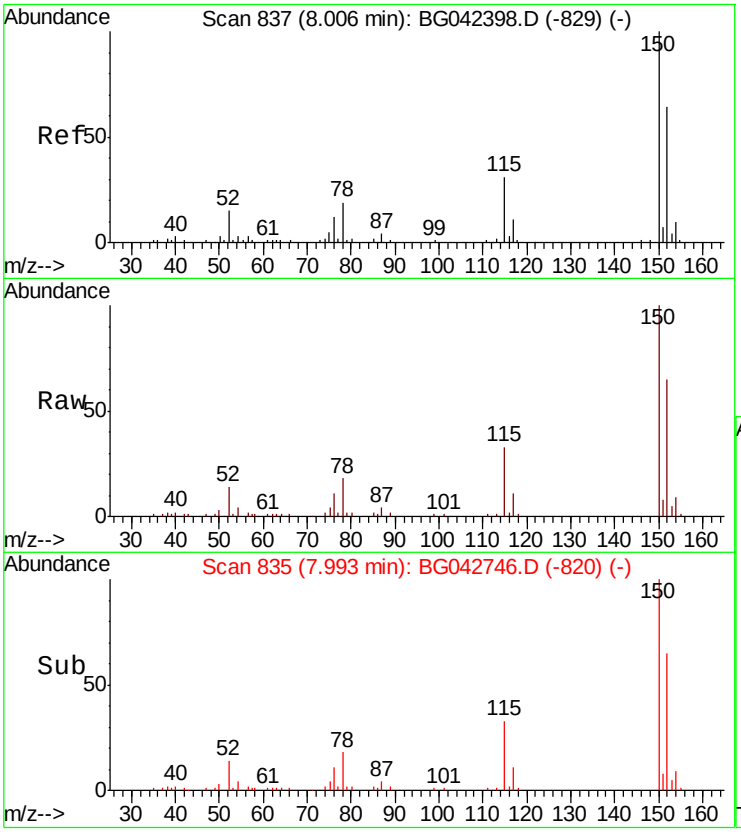
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration



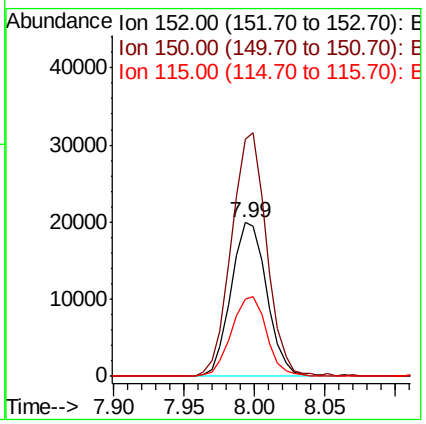


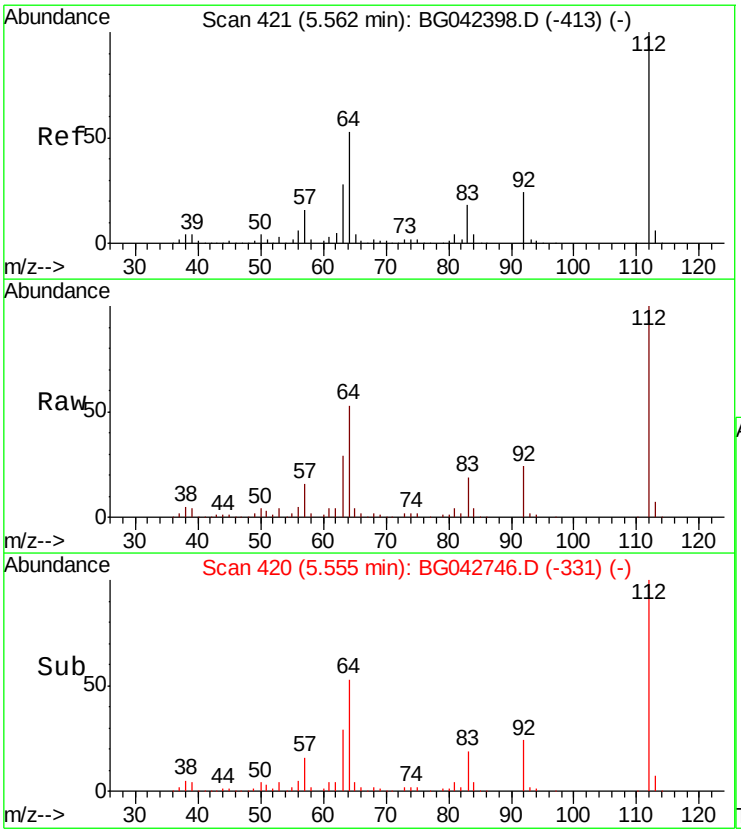
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 35298

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.4	188.0
115	50.3	38.5	57.7

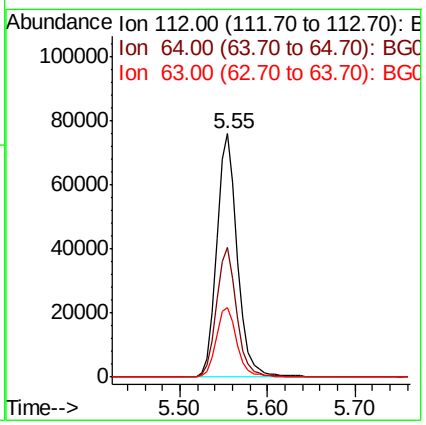


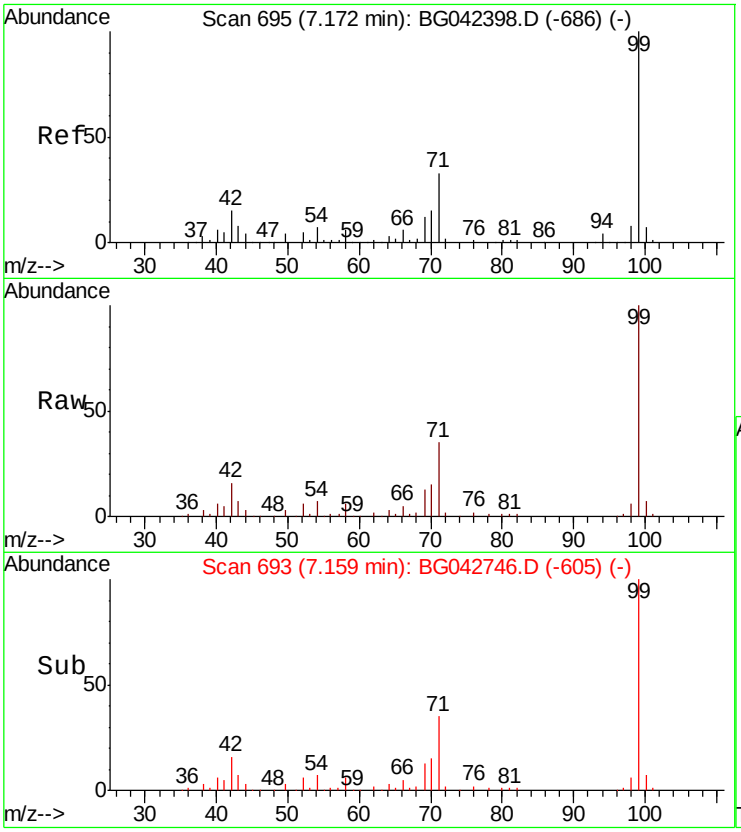


#5
2-Fluorophenol
Concen: 70.820 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Tgt Ion:112 Resp: 123429

Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.8	64.2
63	28.5	22.7	34.1



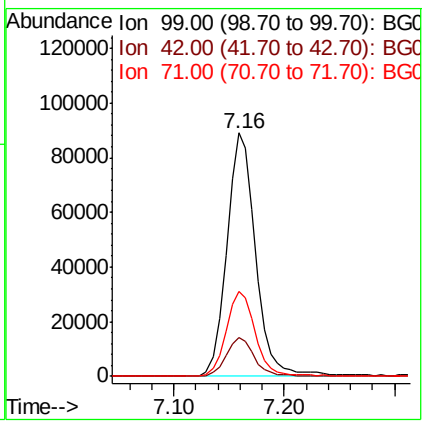


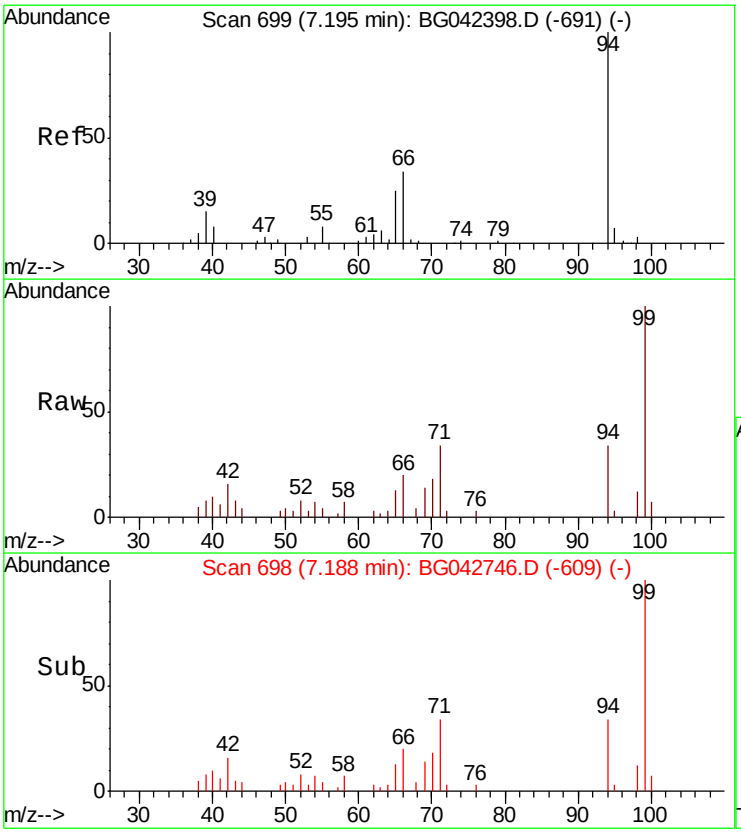
#7
Phenol-d6
Concen: 68.647 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 161610

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.0	18.0
71	34.9	26.3	39.5

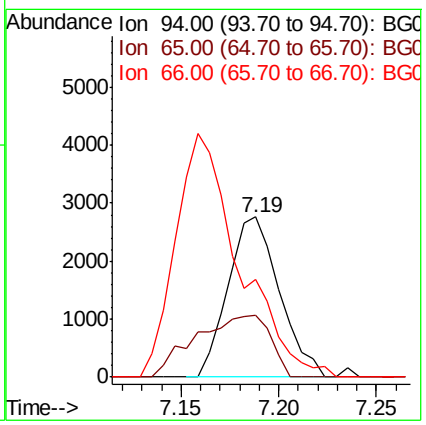


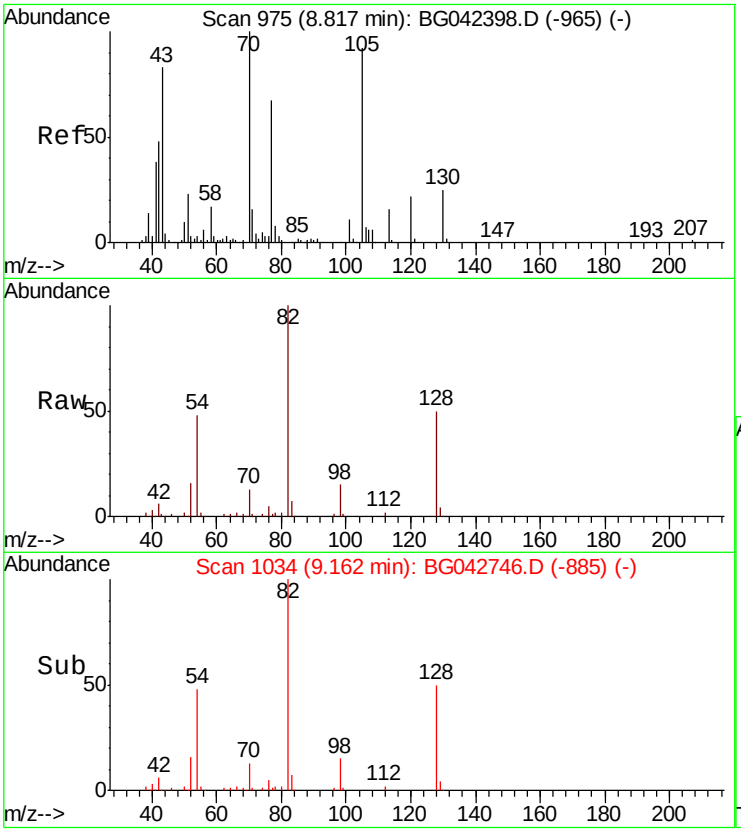


#10
Phenol
Concen: 2.101 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Tgt Ion: 94 Resp: 5028

Ion	Ratio	Lower	Upper
94	100		
65	38.7	5.6	45.6
66	60.8	16.0	56.0#



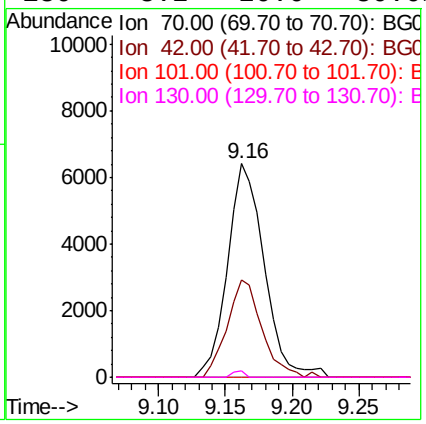


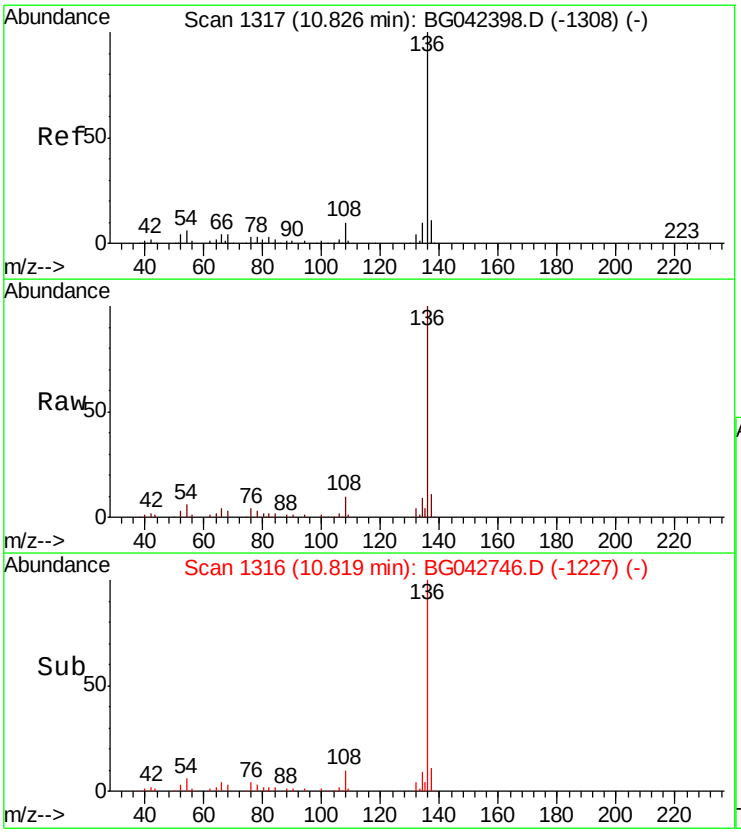
#19
n-Nitroso-di-n-propylamine
Concen: 8.010 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 12216

Ion	Ratio	Lower	Upper
70	100		
42	45.8	38.8	58.2
101	0.0	9.0	13.6#
130	3.2	20.0	30.0#

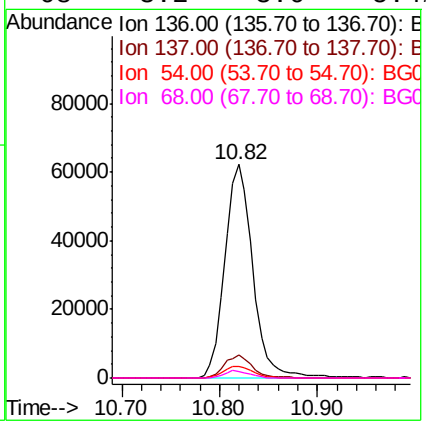


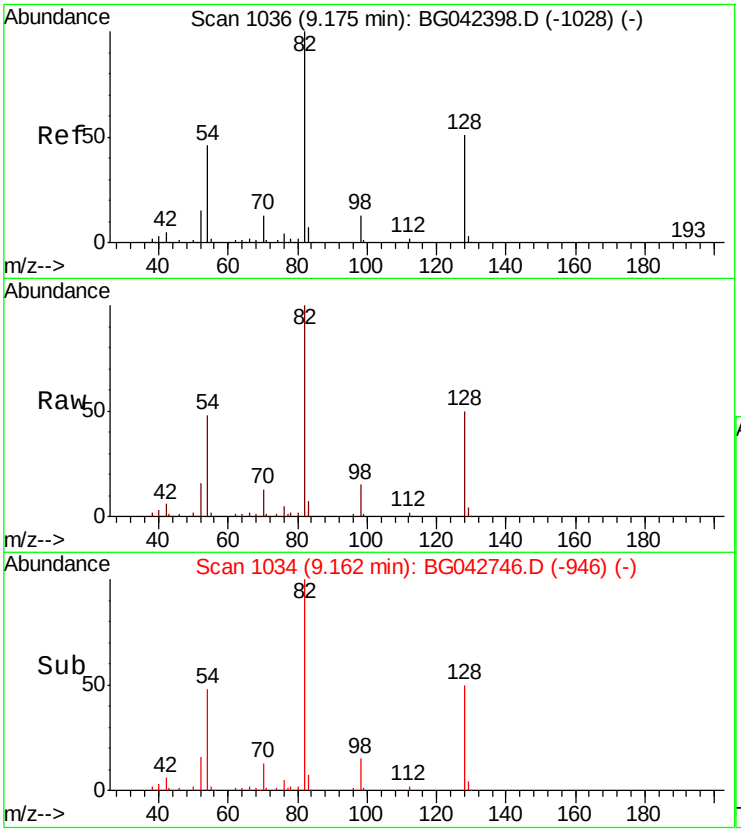


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Tgt Ion:136 Resp: 123704

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	5.5	4.9	7.3
68	3.2	3.6	5.4#



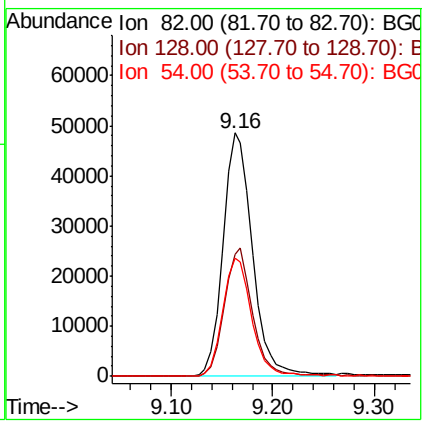


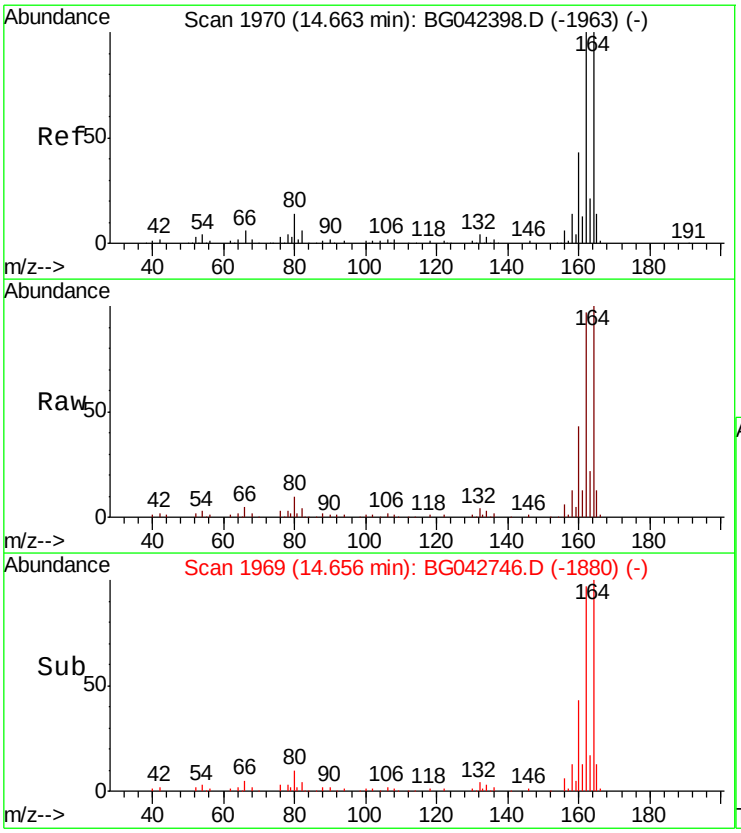
#23
Nitrobenzene-d5
Concen: 54.548 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 97648

Ion	Ratio	Lower	Upper
82	100		
128	50.1	40.7	61.1
54	48.5	36.3	54.5

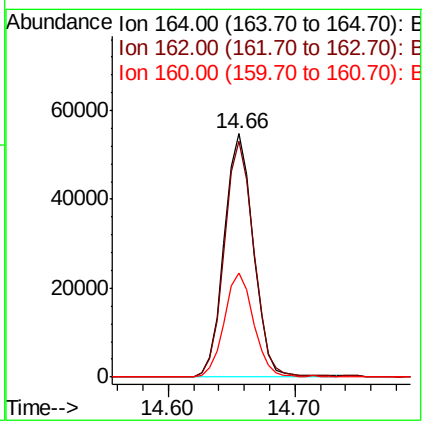


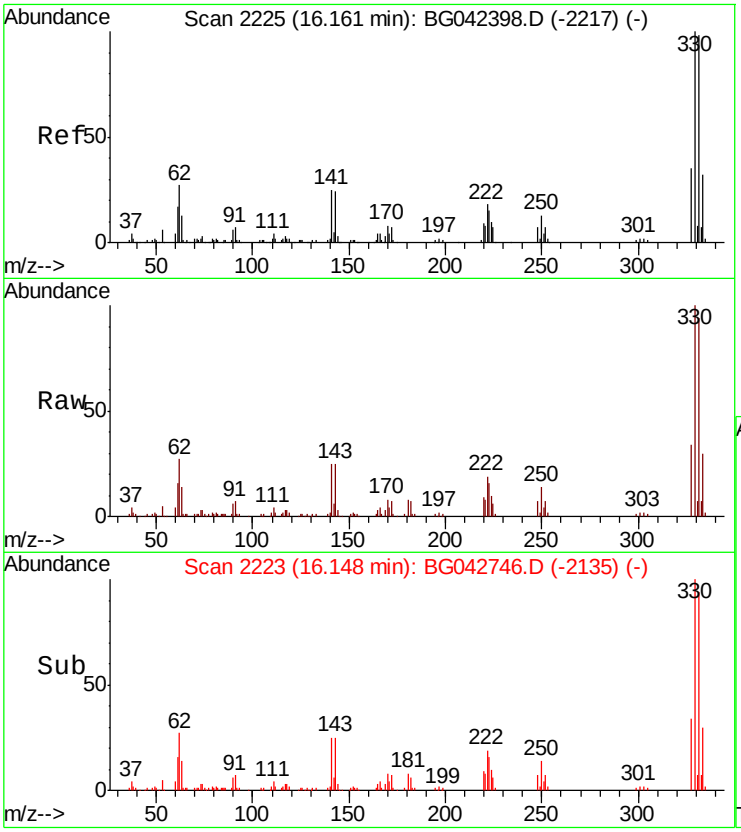


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Tgt Ion:164 Resp: 87538

Ion	Ratio	Lower	Upper
164	100		
162	96.9	79.9	119.9
160	42.9	34.3	51.5



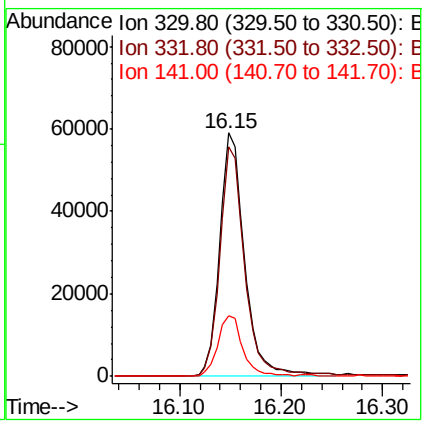


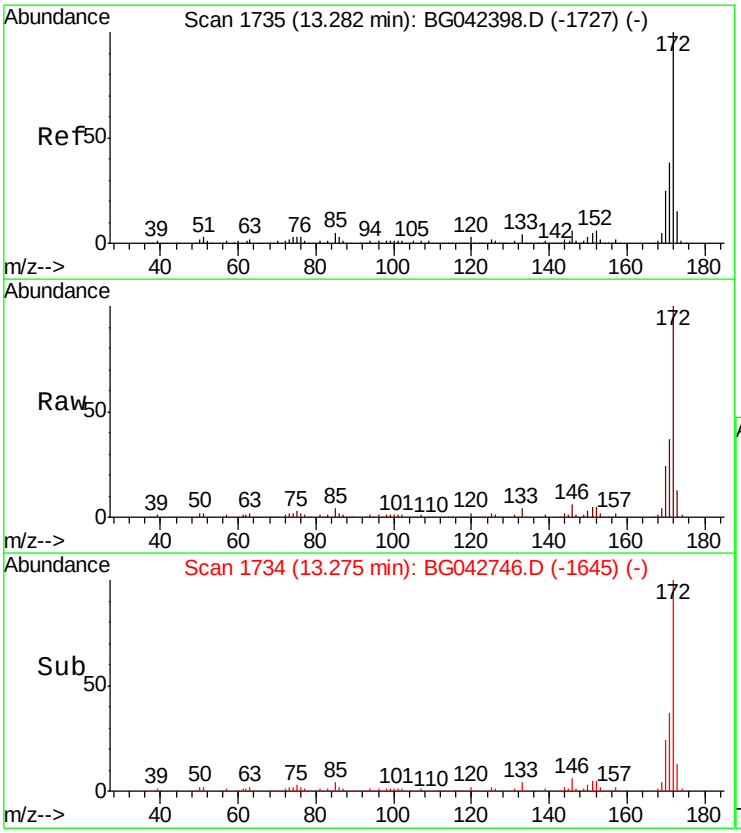
#42
2,4,6-Tribromophenol
Concen: 81.334 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 101197

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.4	116.0
141	25.0	21.4	32.0

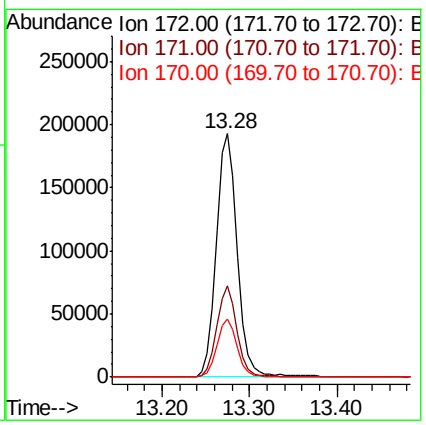


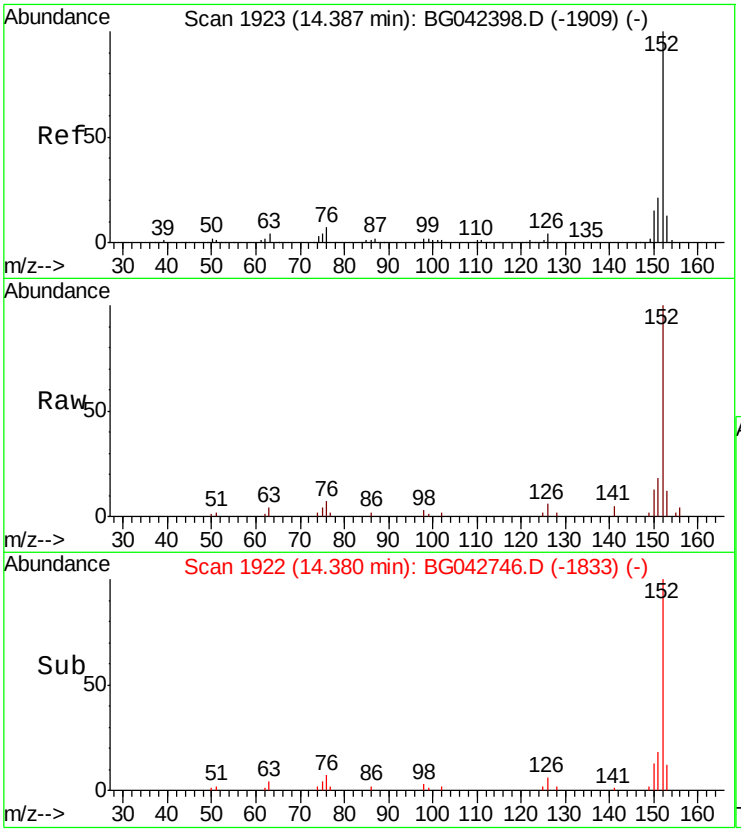


#45
2-Fluorobiphenyl
Concen: 62.040 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Tgt Ion:172 Resp: 321110

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	23.7	20.2	30.2



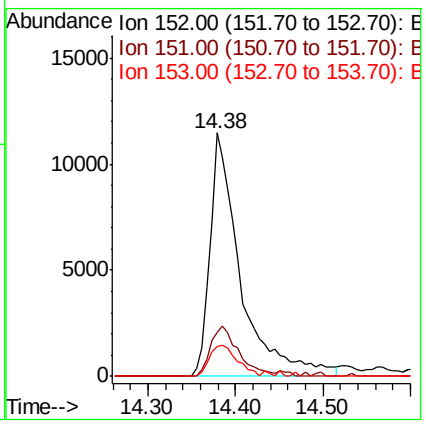


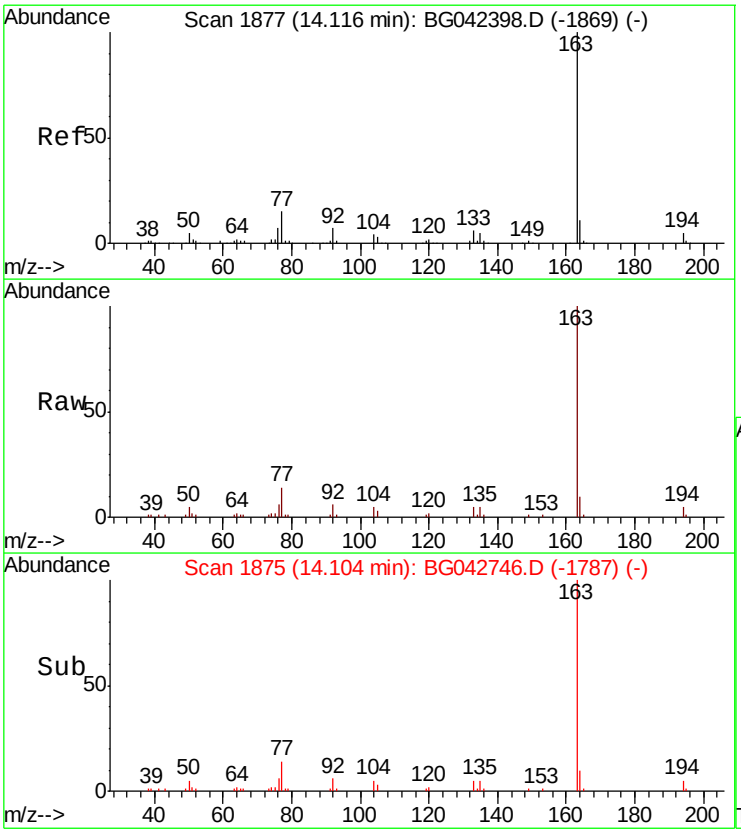
#49
Acenaphthylene
Concen: 3.774 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 27705

Ion	Ratio	Lower	Upper
152	100		
151	18.0	17.0	25.4
153	12.0	10.6	16.0

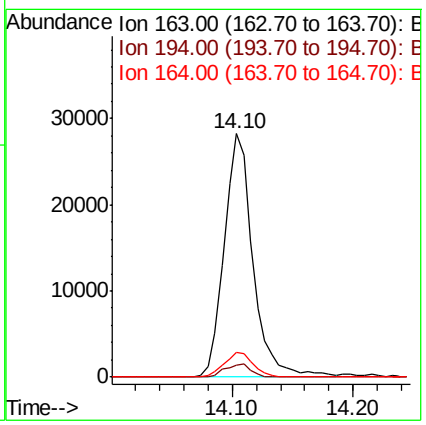


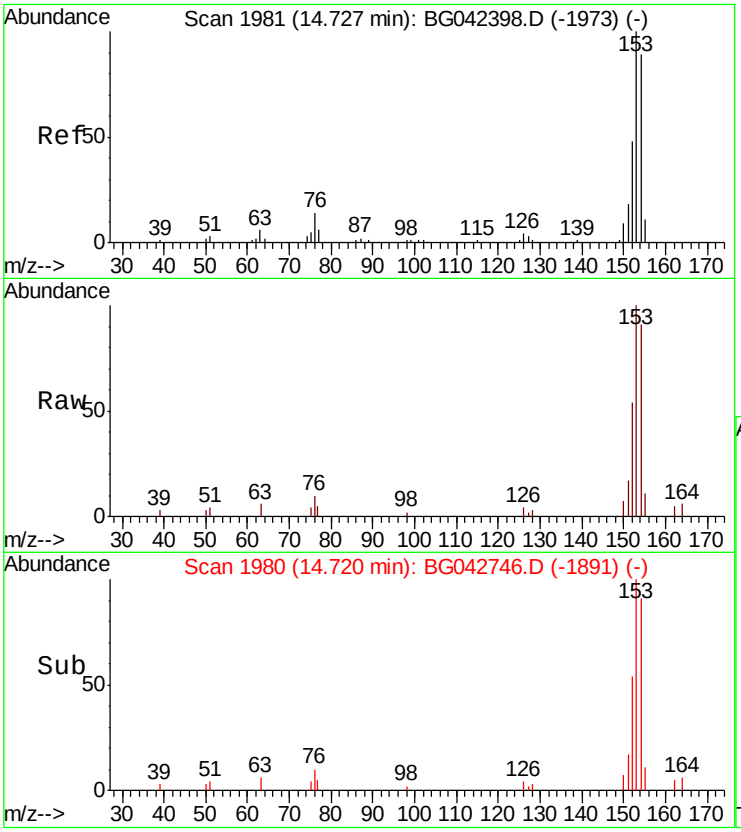


#50
Dimethylphthalate
Concen: 7.395 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Tgt Ion:163 Resp: 46709

Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	10.0	8.8	13.2



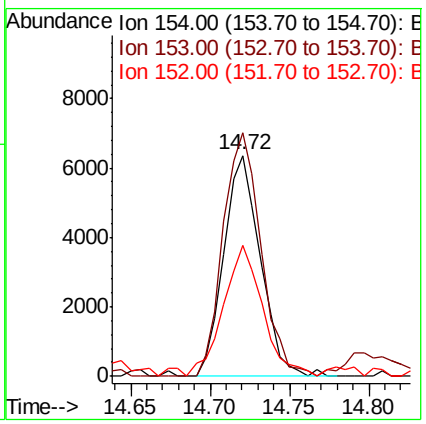


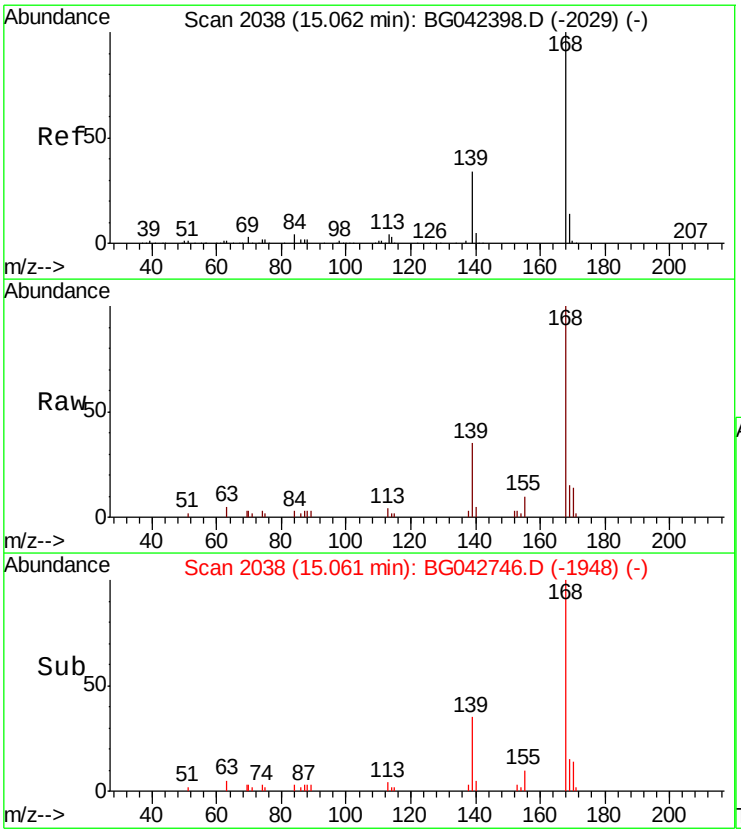
#52
Acenaphthene
Concen: 2.278 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 10152

Ion	Ratio	Lower	Upper
154	100		
153	110.4	90.2	135.4
152	59.6	43.2	64.8

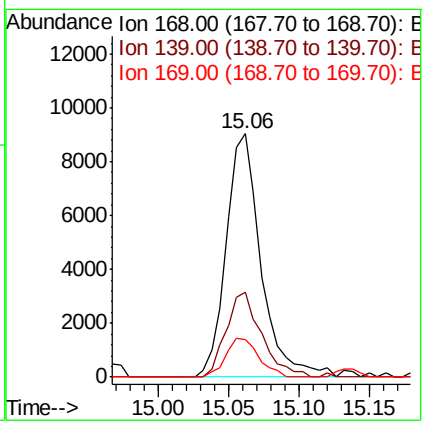


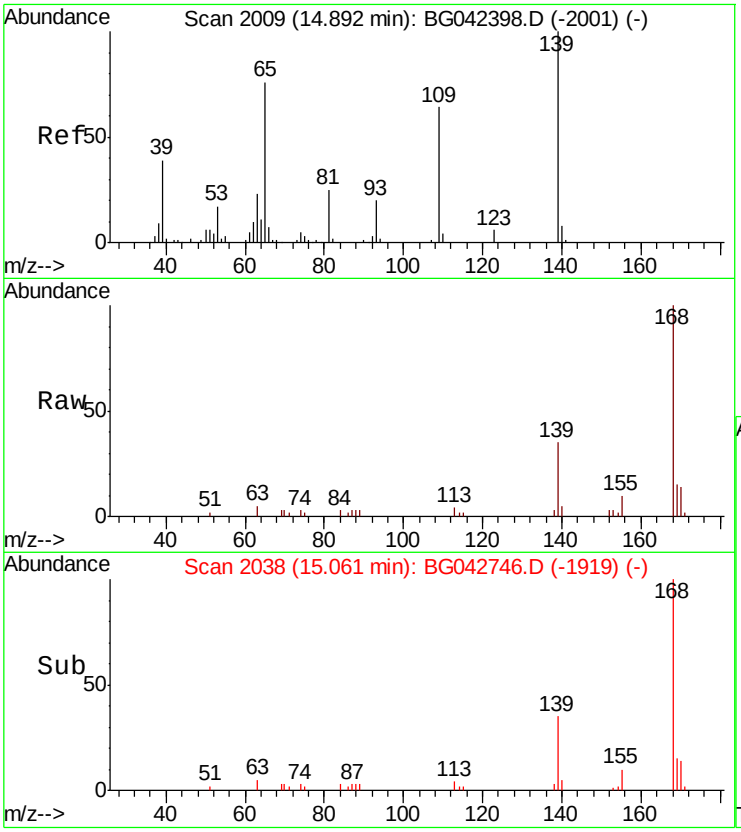


#55
Dibenzofuran
Concen: 2.098 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Tgt Ion:168 Resp: 15477

Ion	Ratio	Lower	Upper
168	100		
139	34.9	27.2	40.8
169	15.3	11.5	17.3



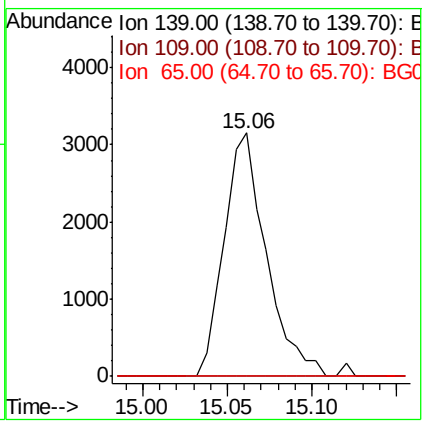


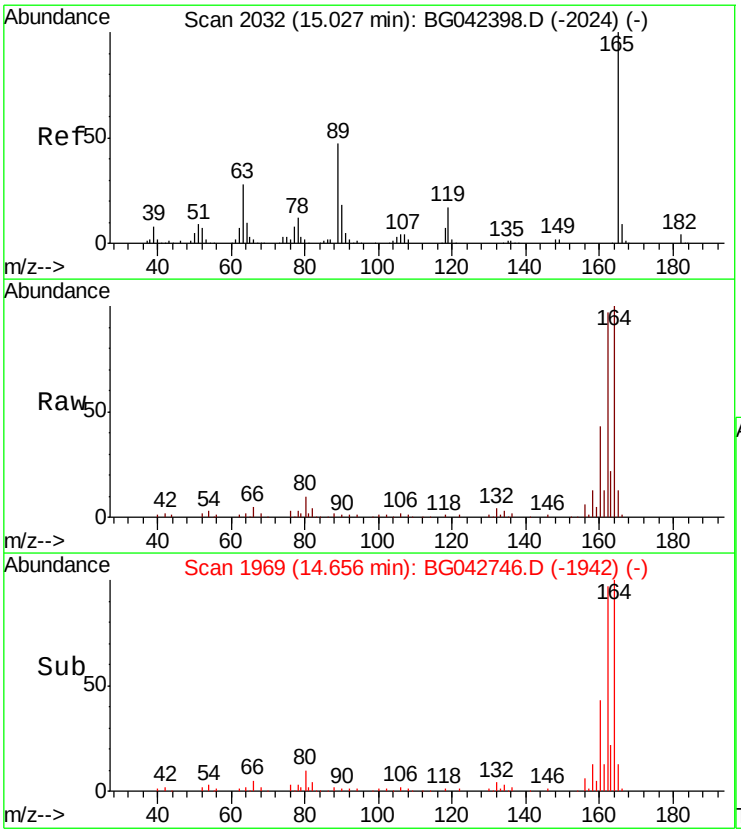
#56
4-Nitrophenol
Concen: 5.263 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.17 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 5476

Ion	Ratio	Lower	Upper
139	100		
109	0.0	43.9	83.9#
65	0.0	56.3	96.3#

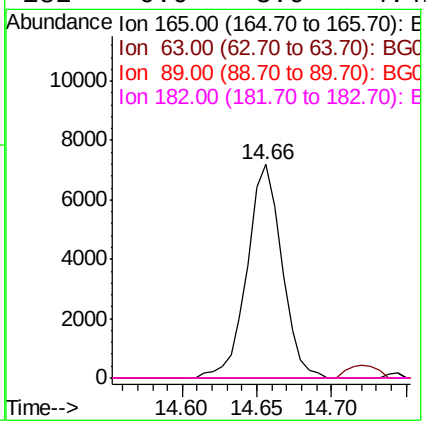


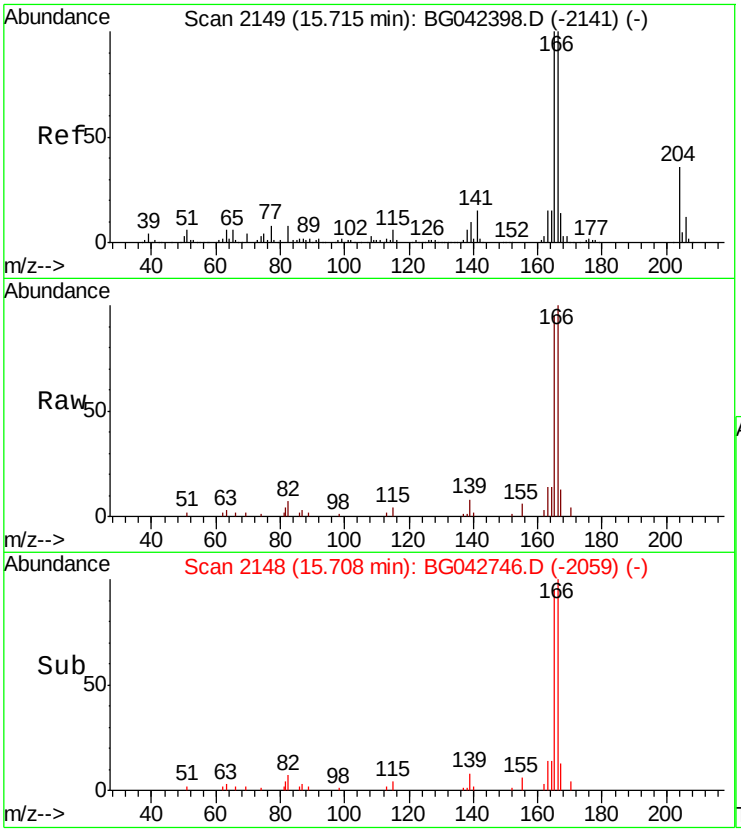


#57
2,4-Dinitrotoluene
Concen: 5.508 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Tgt Ion:165 Resp: 11547

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#



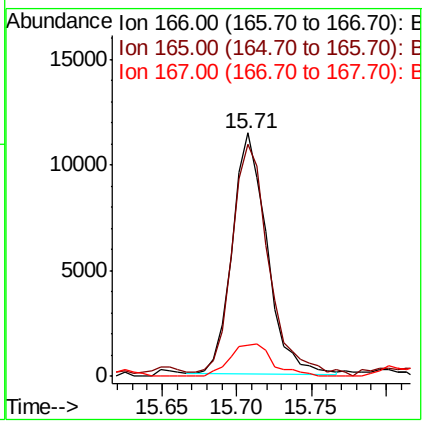


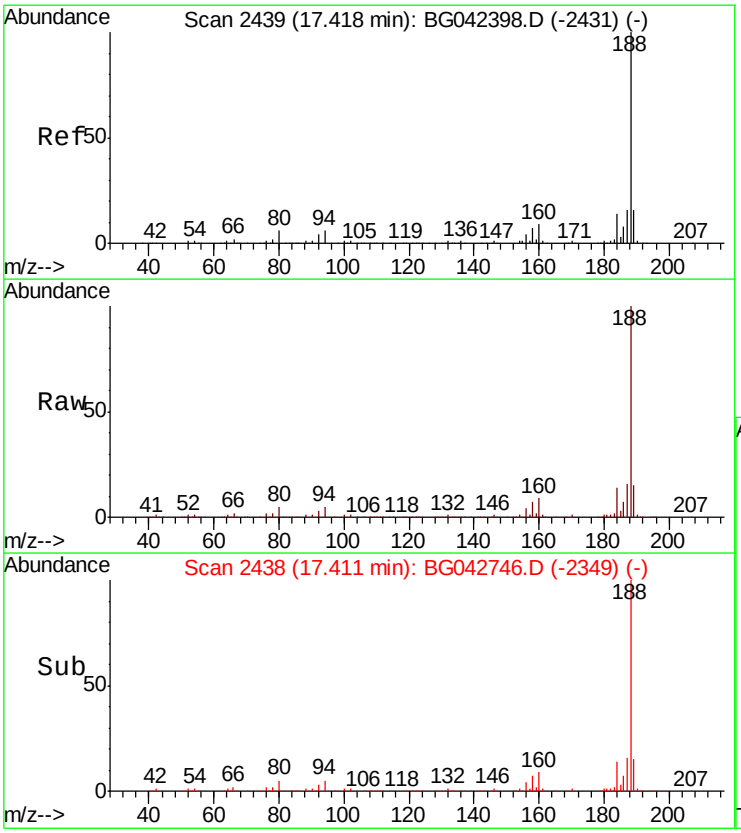
#58
Fluorene
Concen: 3.057 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 18438

Ion	Ratio	Lower	Upper
166	100		
165	95.5	79.7	119.5
167	12.7	10.9	16.3

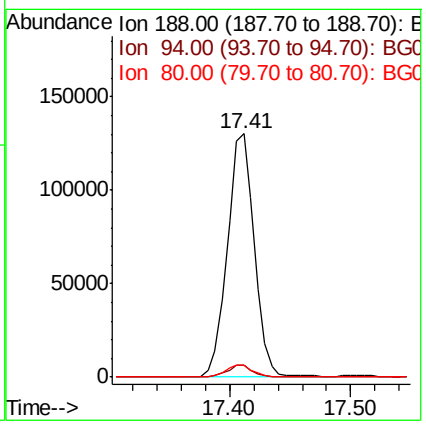


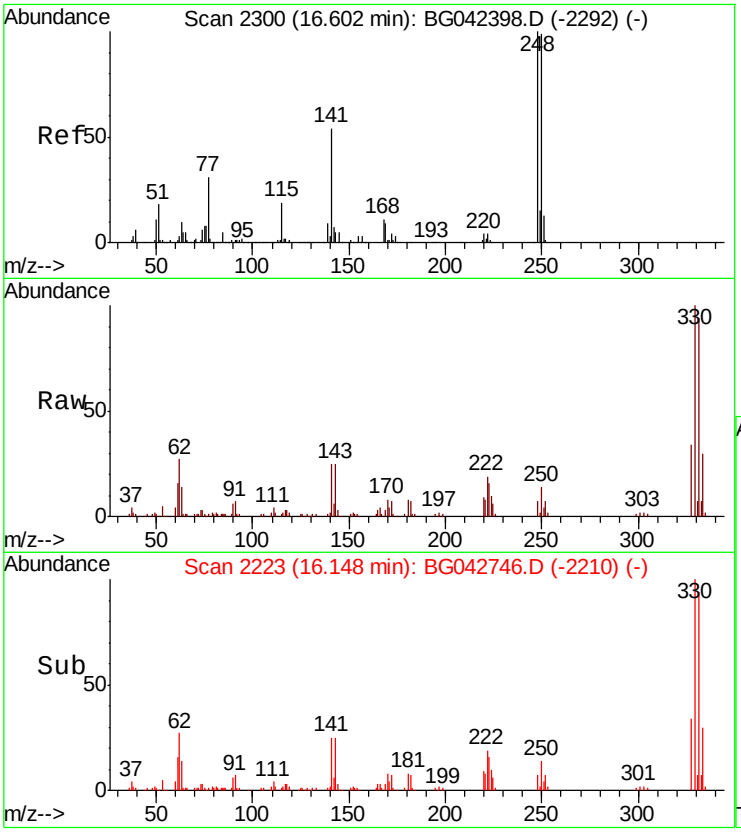


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Tgt Ion:188 Resp: 202513

Ion	Ratio	Lower	Upper
188	100		
94	4.8	4.5	6.7
80	5.0	4.9	7.3



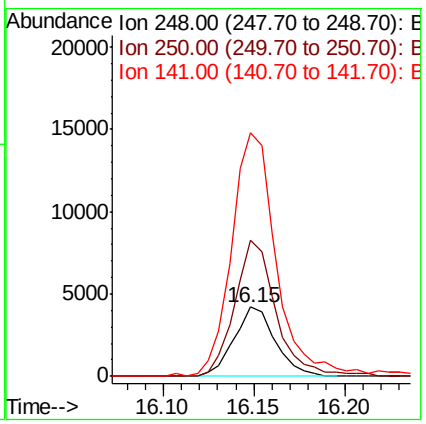


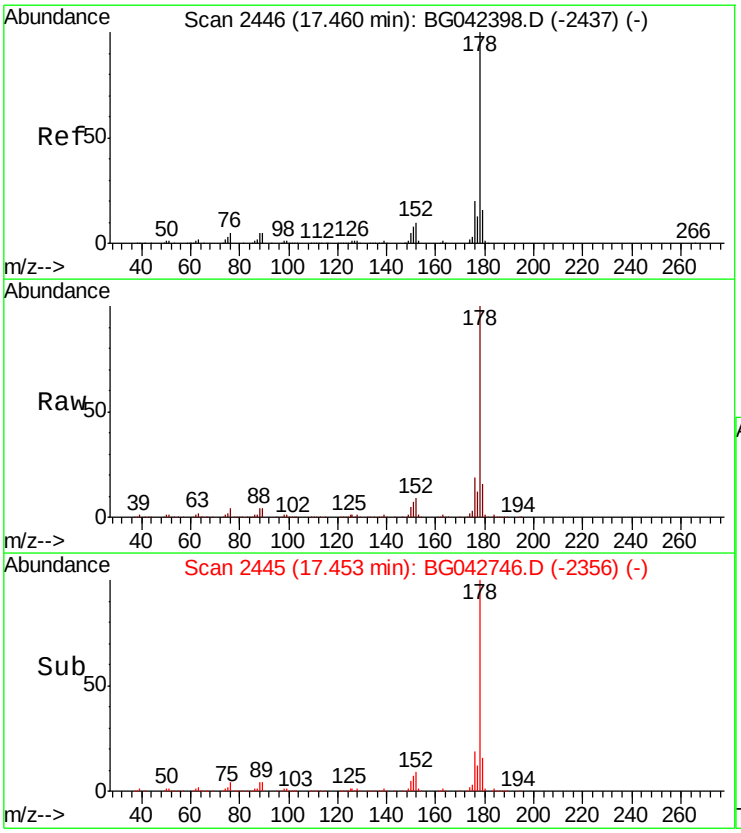
#67
4-Bromophenyl-phenylether
Concen: 2.601 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 6682

Ion	Ratio	Lower	Upper
248	100		
250	196.7	78.9	118.3#
141	351.7	43.3	64.9#

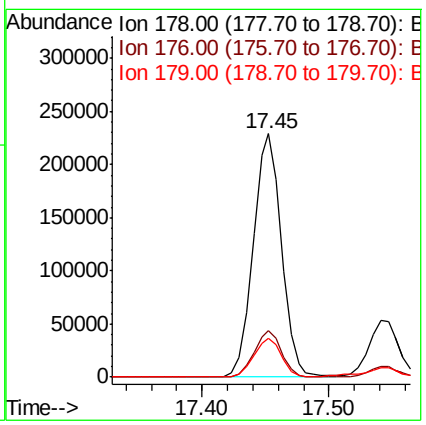


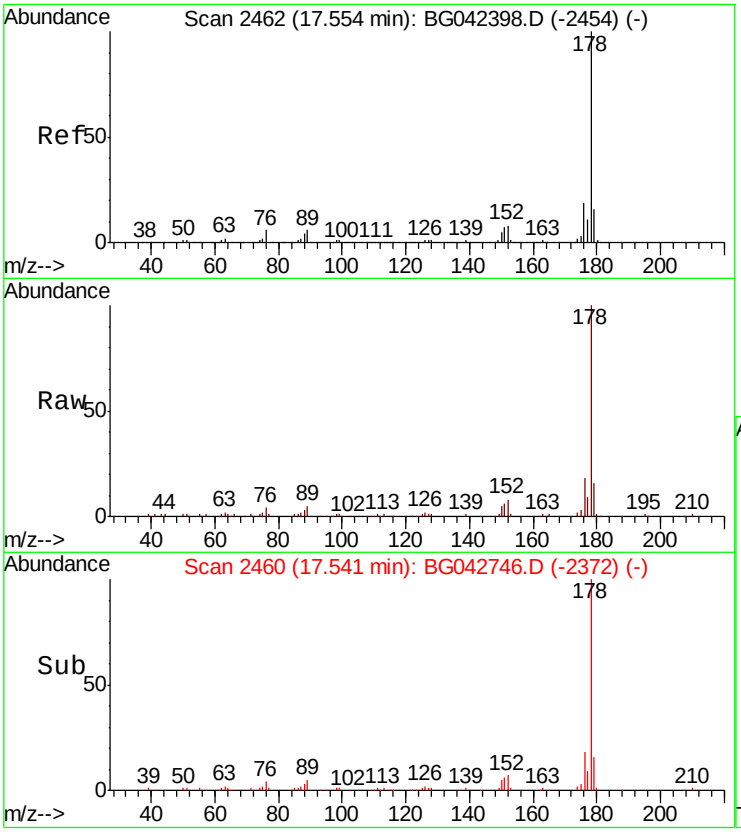


#71
Phenanthrene
Concen: 35.328 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Tgt Ion:178 Resp: 355371

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.9	12.7	19.1



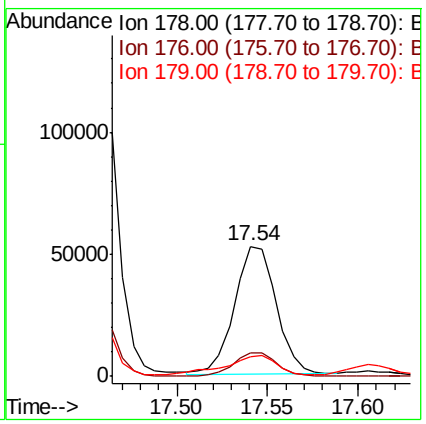


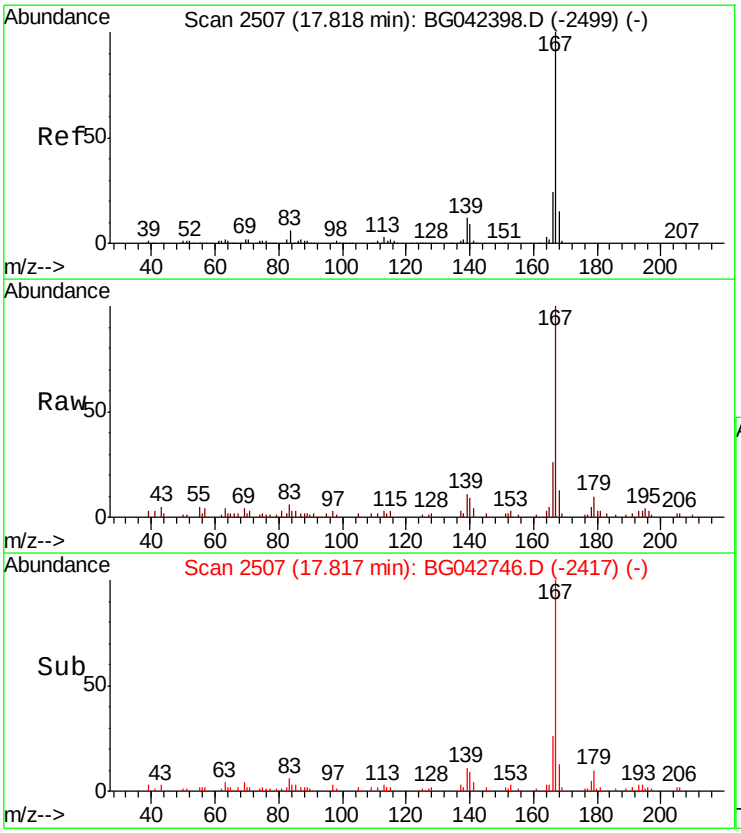
#72
Anthracene
Concen: 8.264 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 82988

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.5	23.3
179	15.5	12.9	19.3

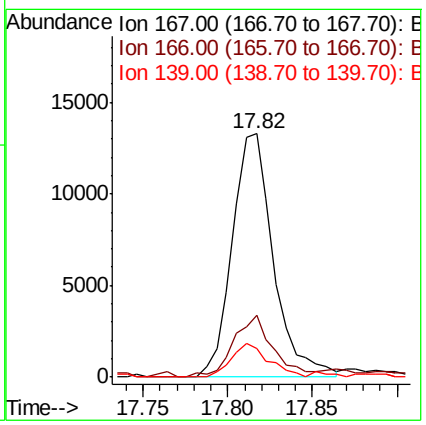


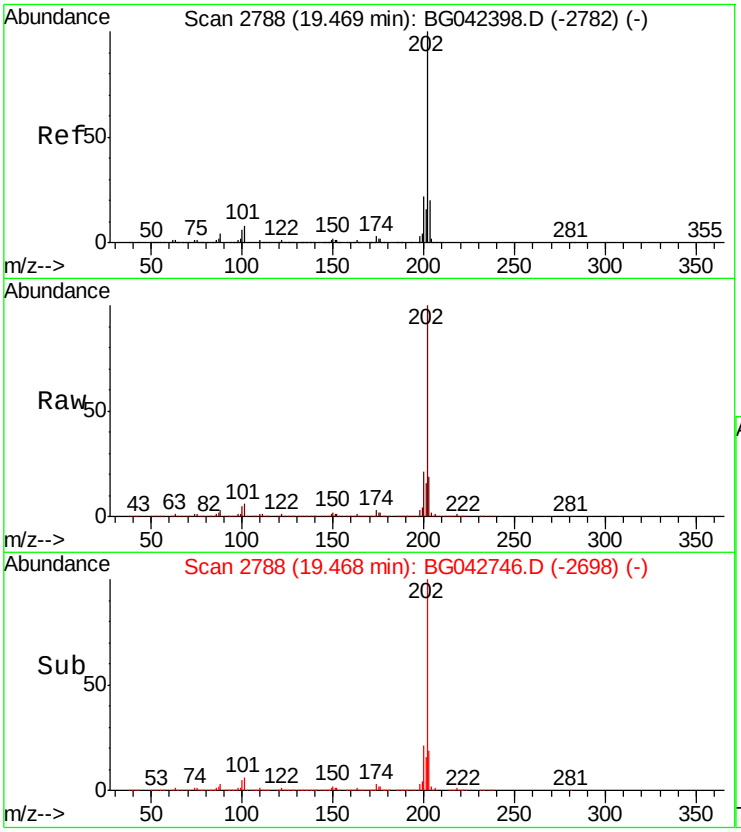


#73
Carbazole
Concen: 2.514 ng
RT: 17.82 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Tgt Ion:167 Resp: 22497

Ion	Ratio	Lower	Upper
167	100		
166	25.5	18.9	28.3
139	11.5	9.8	14.6



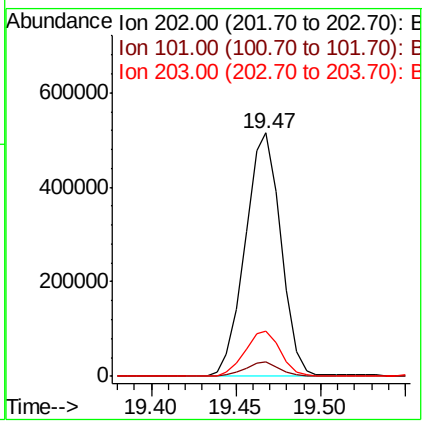


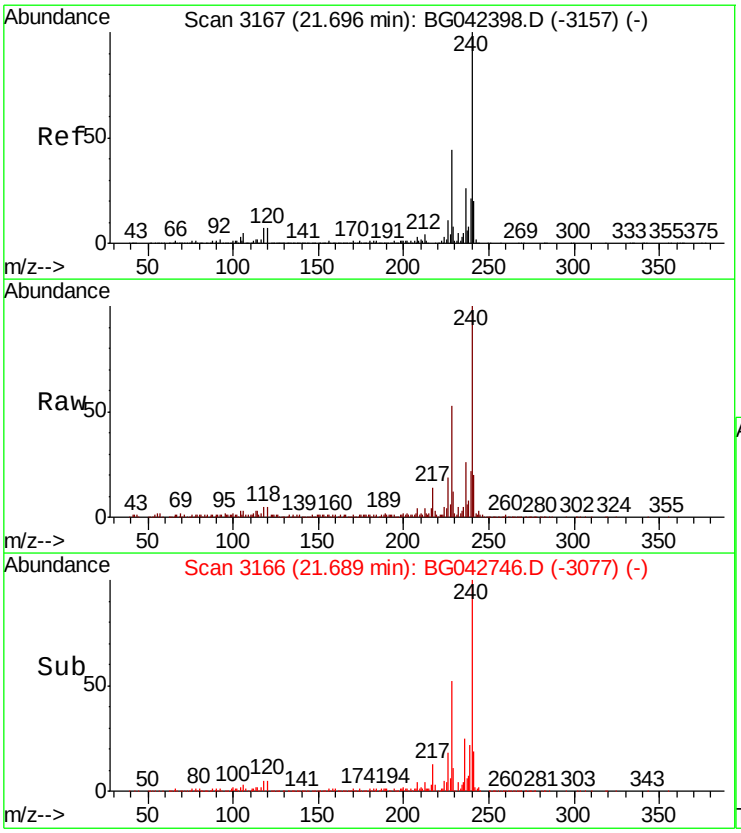
#75
Fluoranthene
Concen: 61.532 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.00 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 755397

Ion	Ratio	Lower	Upper
202	100		
101	5.8	0.0	28.3
203	18.6	0.0	39.6

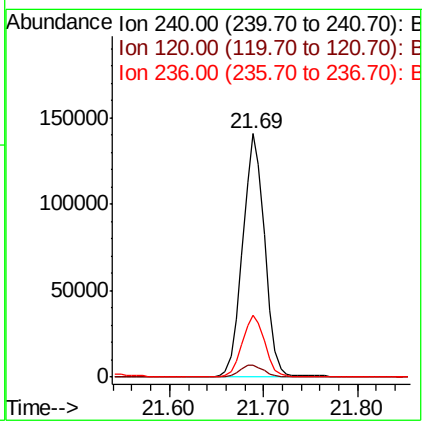


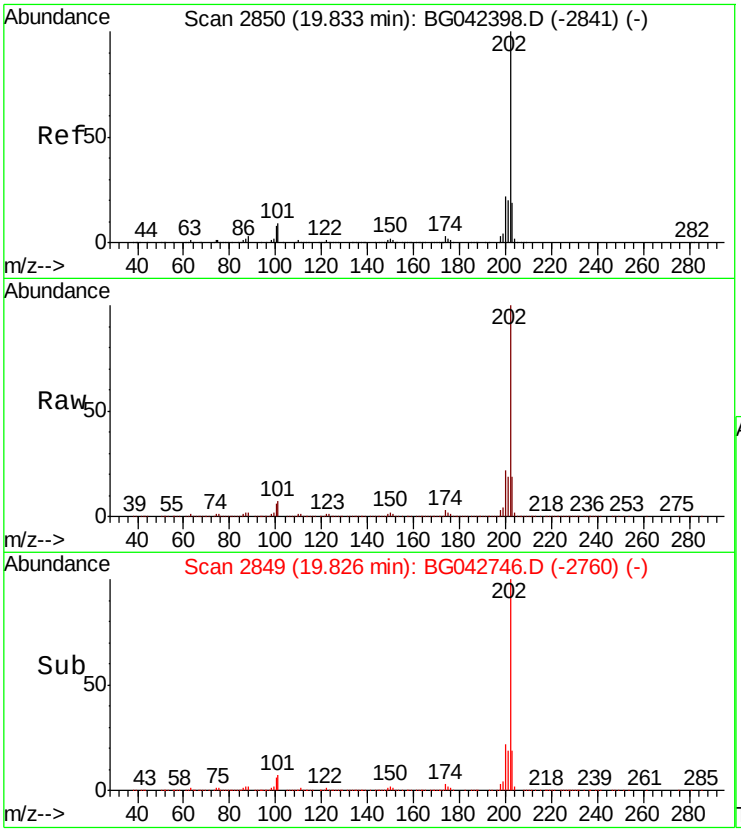


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Tgt Ion:240 Resp: 226685

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.7	8.5#
236	25.6	21.0	31.4



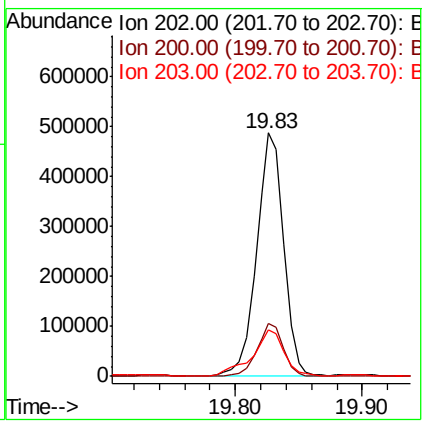


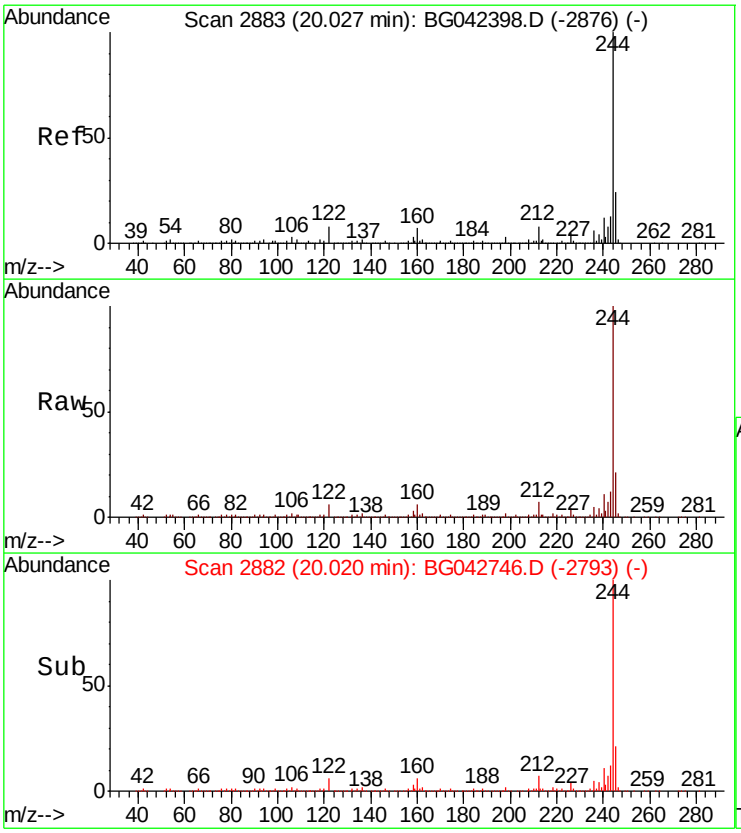
#78
Pyrene
Concen: 51.758 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 719334

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.8	26.6
203	19.2	15.5	23.3

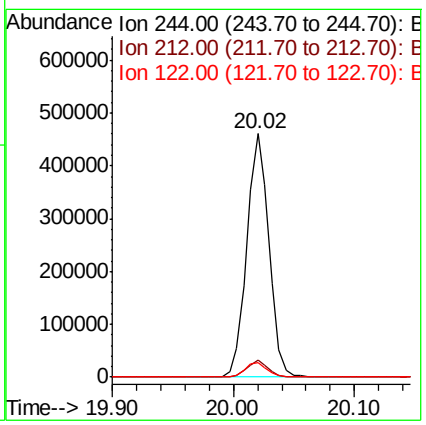


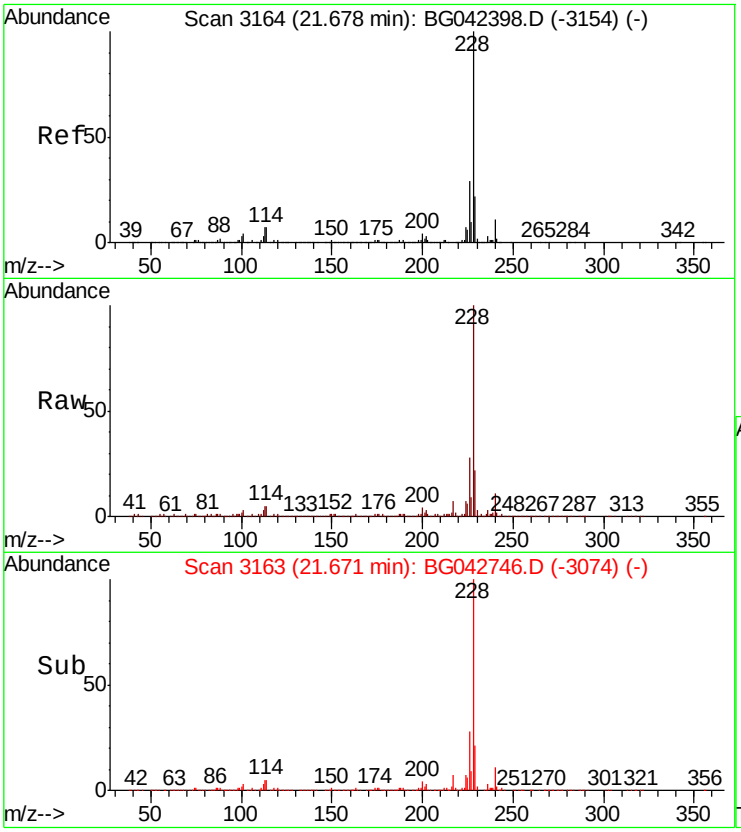


#79
Terphenyl-d14
Concen: 56.035 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Tgt Ion:244 Resp: 587552

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	5.9	6.7	10.1#



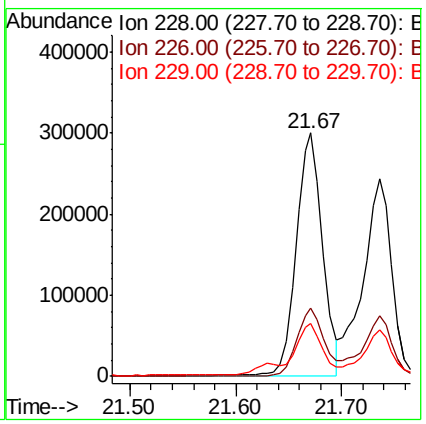


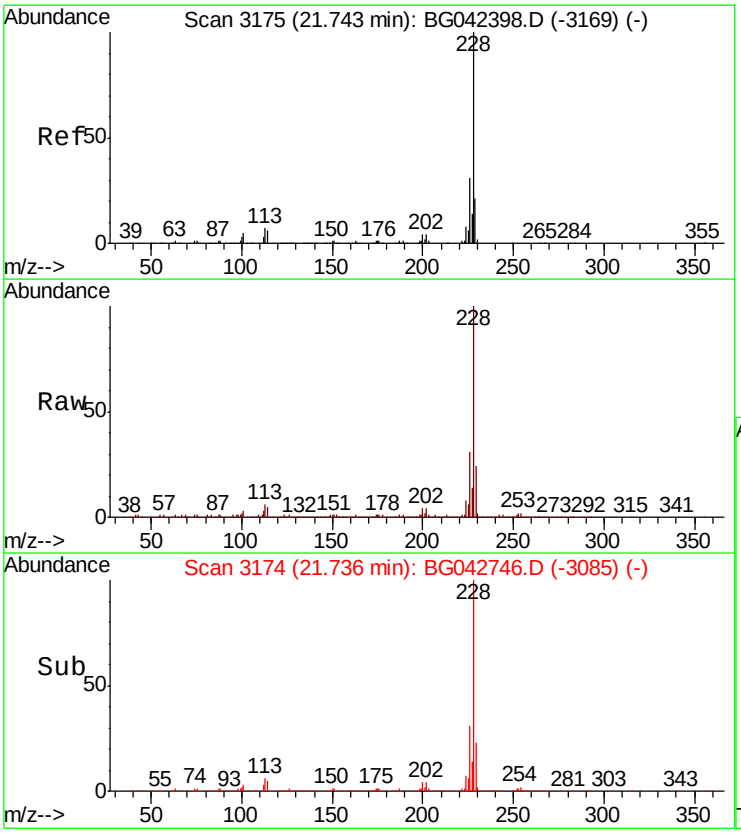
#81
Benzo(a)anthracene
Concen: 37.807 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 521350

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.2
229	21.6	17.4	26.2

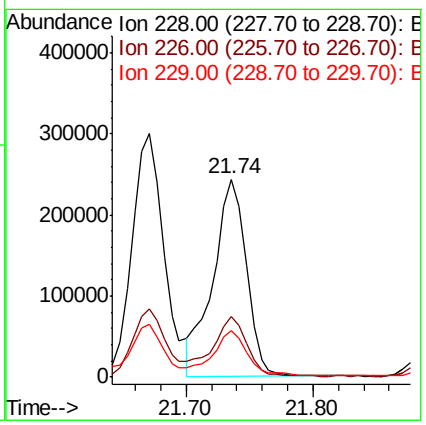


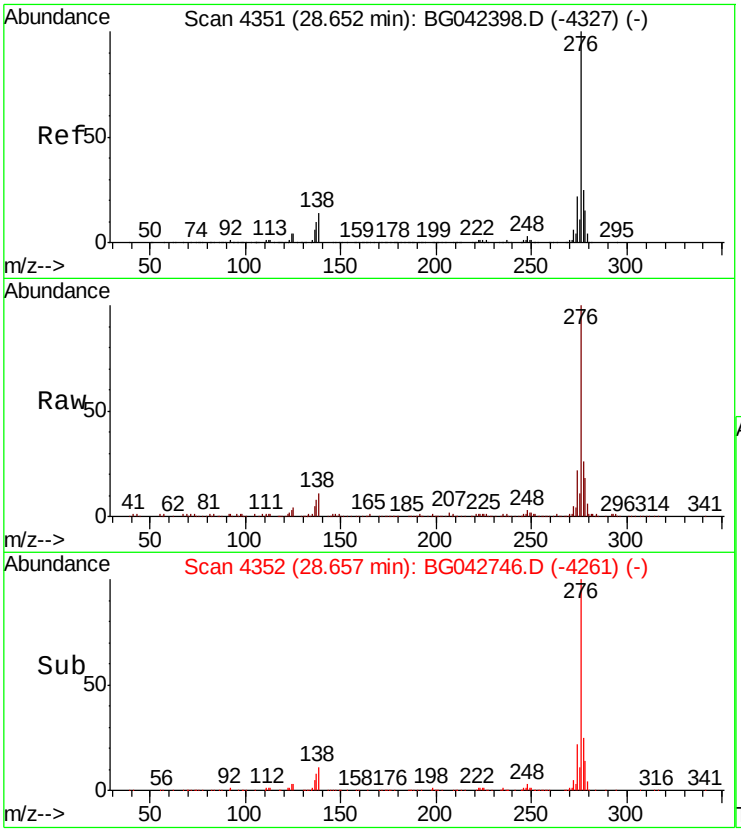


#83
Chrysene
Concen: 33.520 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Tgt Ion:228 Resp: 445785

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	23.5	16.9	25.3



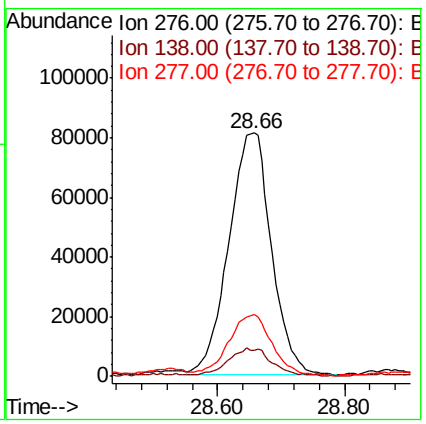


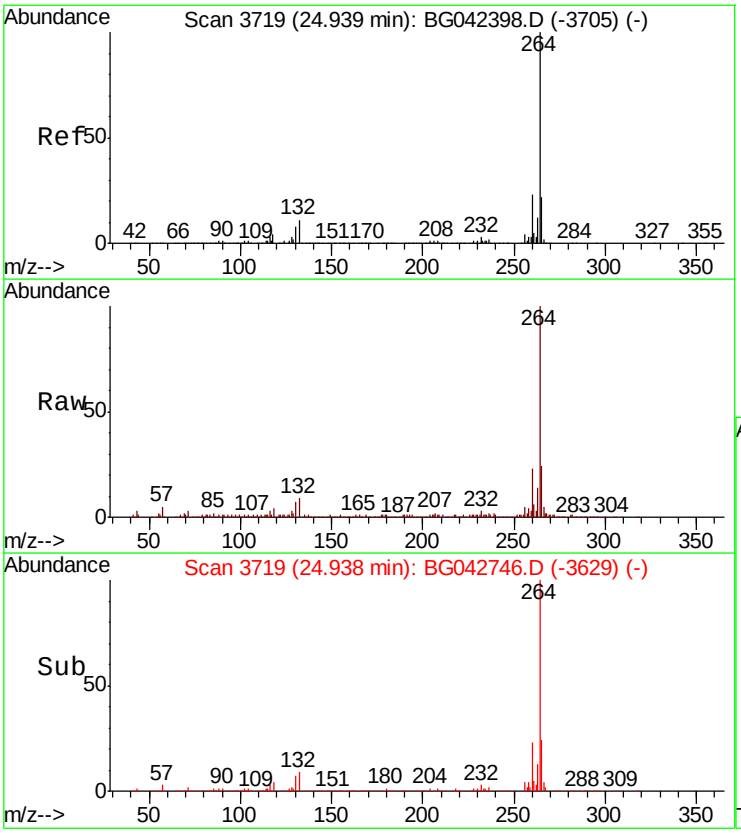
#86
Indeno(1,2,3-cd)pyrene
Concen: 20.853 ng
RT: 28.66 min Scan# 4352
Delta R.T. 0.00 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 376880

Ion	Ratio	Lower	Upper
276	100		
138	5.7	9.2	13.8#
277	25.5	21.0	31.6

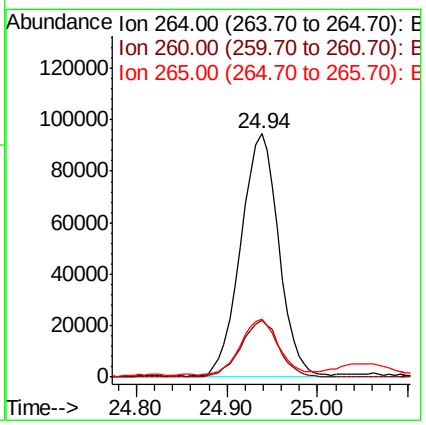


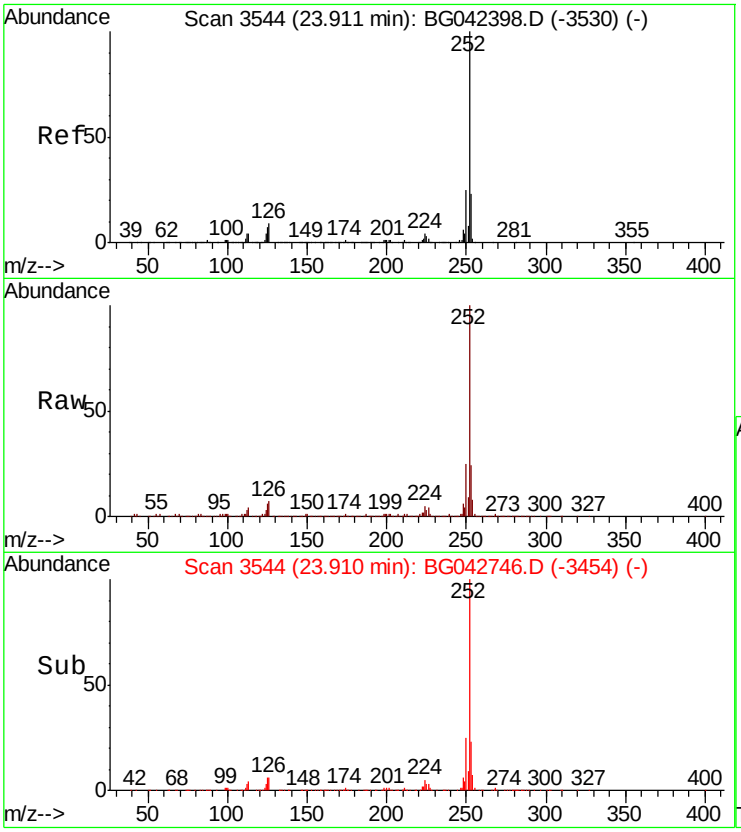


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.00 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Tgt Ion:264 Resp: 276753

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	23.9	17.6	26.4



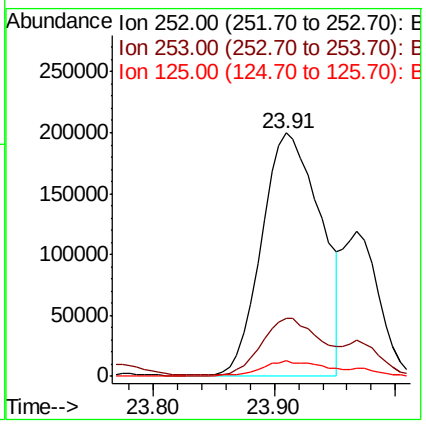


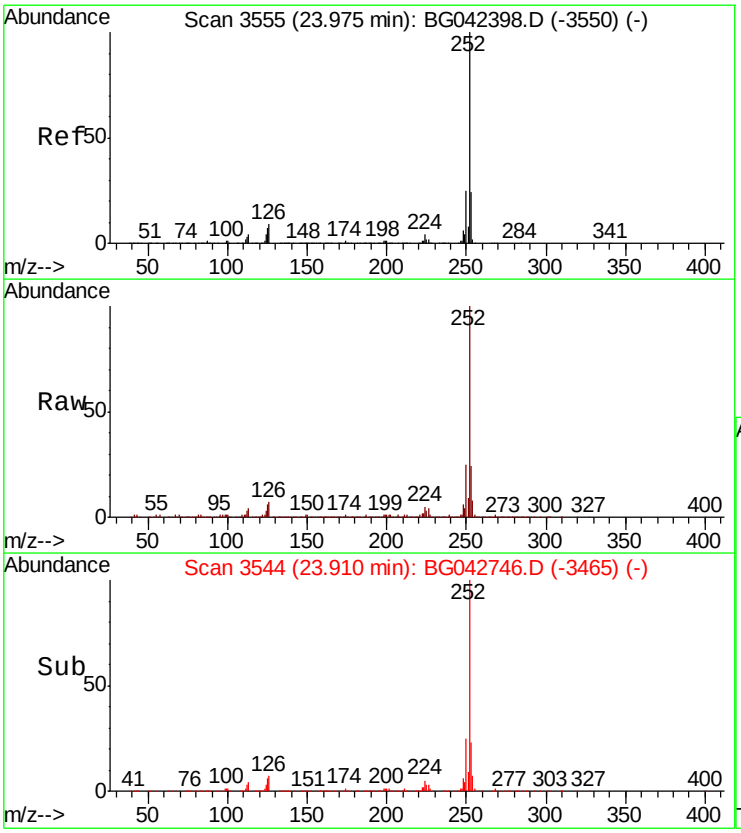
#88
Benzo(b)fluoranthene
Concen: 44.555 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 677901

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	27.8
125	6.3	5.6	8.4

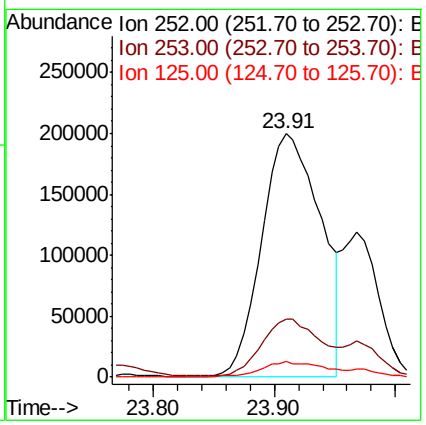


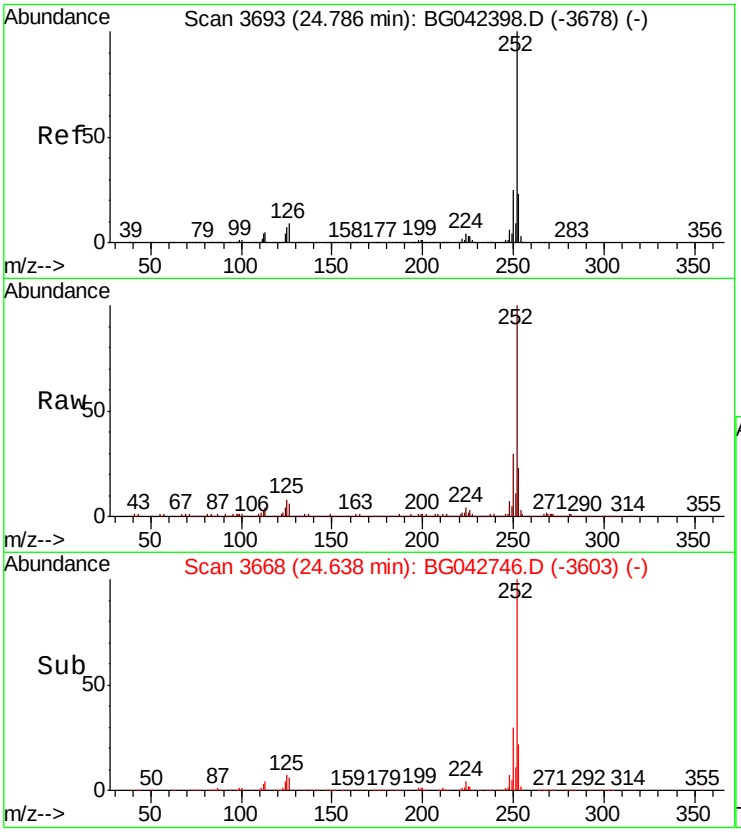


#89
Benzo(k)fluoranthene
Concen: 46.353 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.07 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Tgt Ion:252 Resp: 677901

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	27.8
125	6.3	5.8	8.6



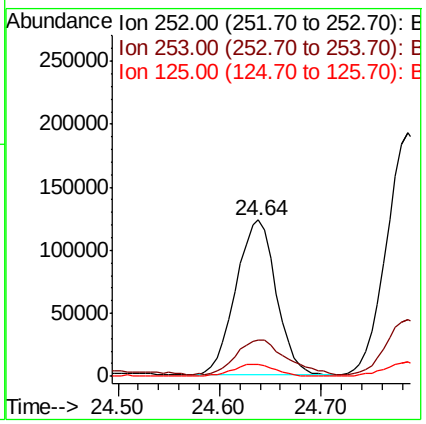


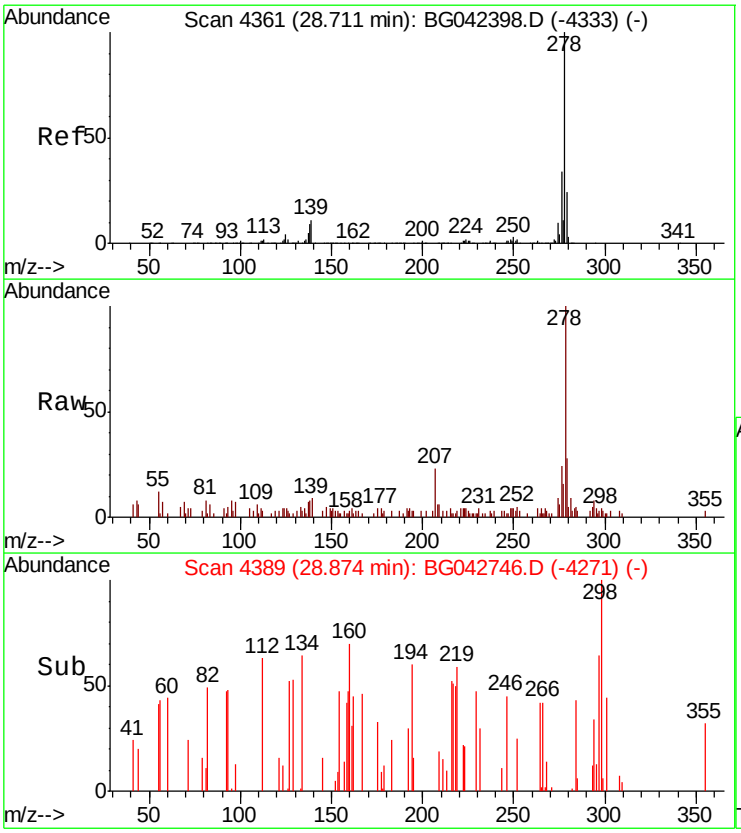
#90
Benzo(a)pyrene
Concen: 23.574 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.15 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 340357

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	7.8	6.0	9.0

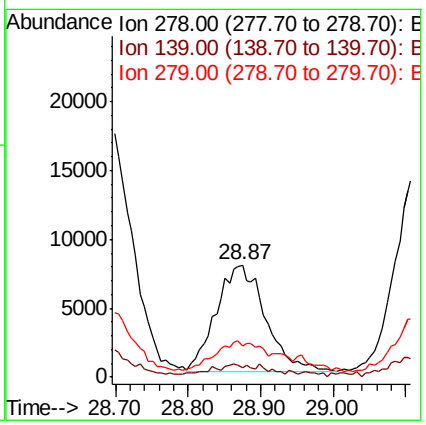


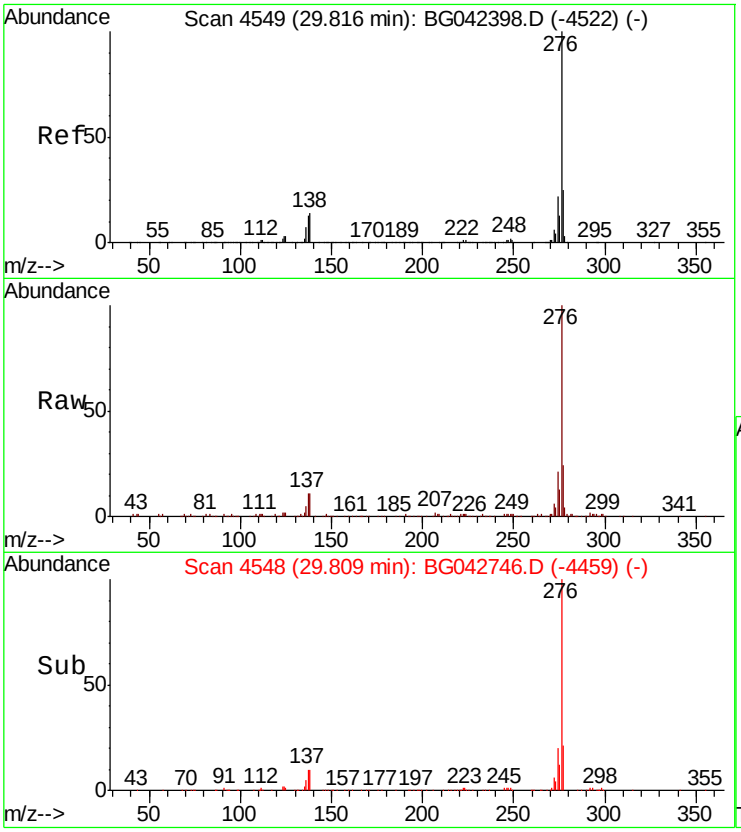


#91
Dibenzo(a,h)anthracene
Concen: 2.495 ng
RT: 28.87 min Scan# 4389
Delta R.T. 0.16 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Tgt Ion:278 Resp: 36470

Ion	Ratio	Lower	Upper
278	100		
139	8.9	8.8	13.2
279	28.3	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 25.026 ng
RT: 29.81 min Scan# 4548
Delta R.T. -0.01 min
Lab File: BG042746.D
Acq: 6 Sep 2019 8:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 365896

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.8	29.8
138	11.2	11.4	17.0#