Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042374.D
Acq On : 21 Aug 2019 1:43
Operator : HP/JU
Sample : K4404-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 21 04:32:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	68618	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	268545	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	183397	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	356206	20.00	ng		0.00
76) Chrysene-d12	21.70	240	359477	20.00	ng		0.00
87) Perylene-d12	24.95	264	434229	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	358003	105.71	ng		0.01
7) Phenol-d6	7.18	99	485781	105.61	ng		0.02
23) Nitrobenzene-d5	9.18	82	274448	71.88	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	257597	103.13	ng		0.01
45) 2-Fluorobiphenyl	13.29	172	724661	66.86	ng		0.00
79) Terphenyl-d14	20.03	244	959102	58.44	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.21	94	12287	2.628	ng		78
19) n-Nitroso-di-n-propylamine	9.18	70	36340	12.283	ng	#	74
50) Dimethylphthalate	14.12	163	90098	6.914	ng		97
57) 2,4-Dinitrotoluene	14.67	165	24042	5.638	ng	#	38
67) 4-Bromophenyl-phenylether	16.16	248	17714	3.908	ng	#	1
71) Phenanthrene	17.46	178	213561	12.038	ng		99
72) Anthracene	17.55	178	38969	2.202	ng		97
75) Fluoranthene	19.47	202	281672	13.167	ng		96
78) Pyrene	19.84	202	259610	11.737	ng		97
81) Benzo(a)anthracene	21.68	228	131770	5.969	ng		99
83) Chrysene	21.74	228	121539	5.755	ng		96
86) Indeno(1,2,3-cd)pyrene	28.66	276	65093	2.309	ng	#	90
88) Benzo(b)fluoranthene	23.92	252	146303	6.130	ng	#	95
89) Benzo(k)fluoranthene	23.92	252	146303	6.271	ng	#	96
90) Benzo(a)pyrene	24.79	252	110755	4.843	ng	#	89
92) Benzo(g,h,i)perylene	29.81	276	62611	2.754	ng		95

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

Quantitation Report (Not Reviewed)

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Acq On : 21 Aug 2019 1:43
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
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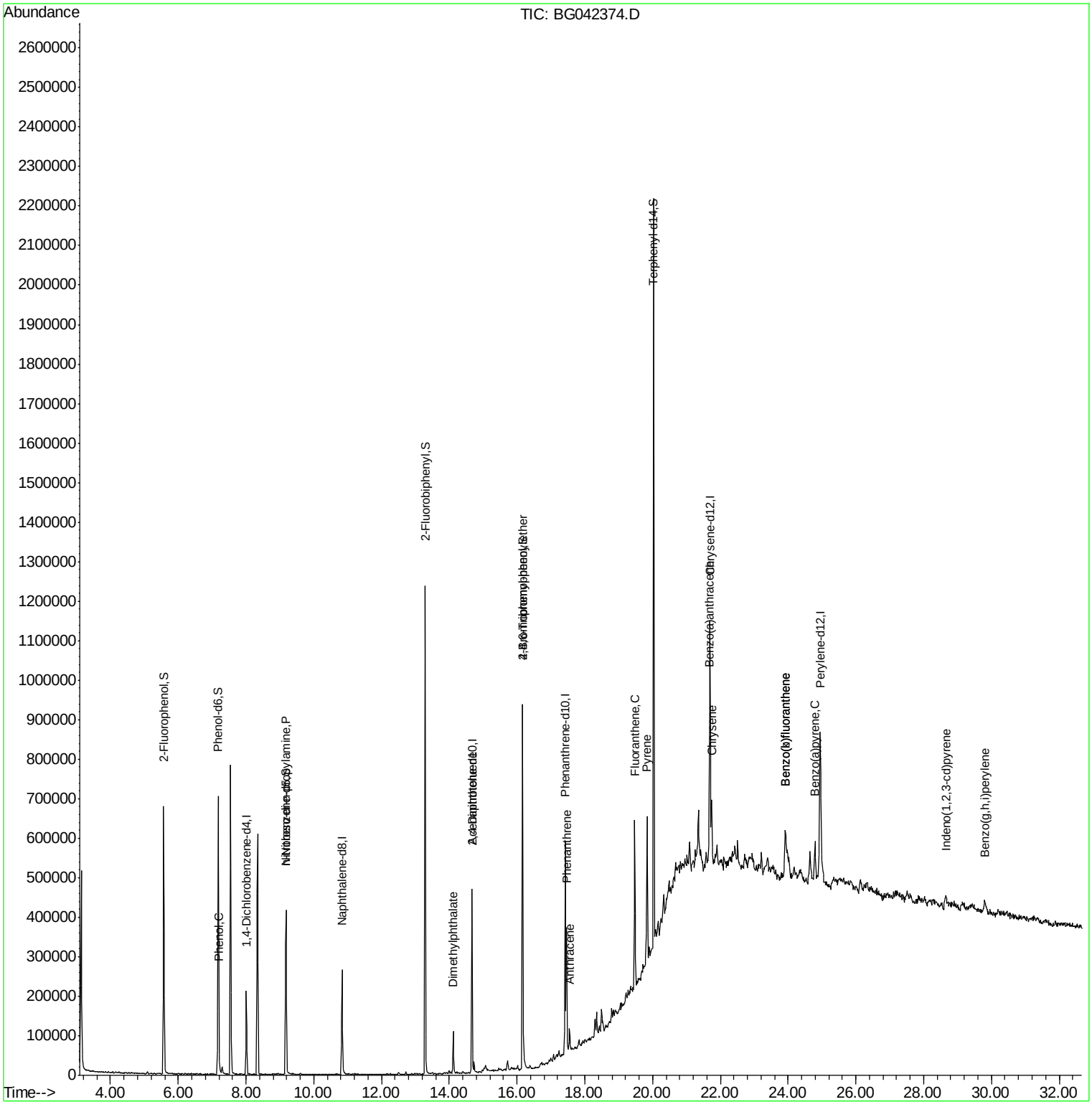
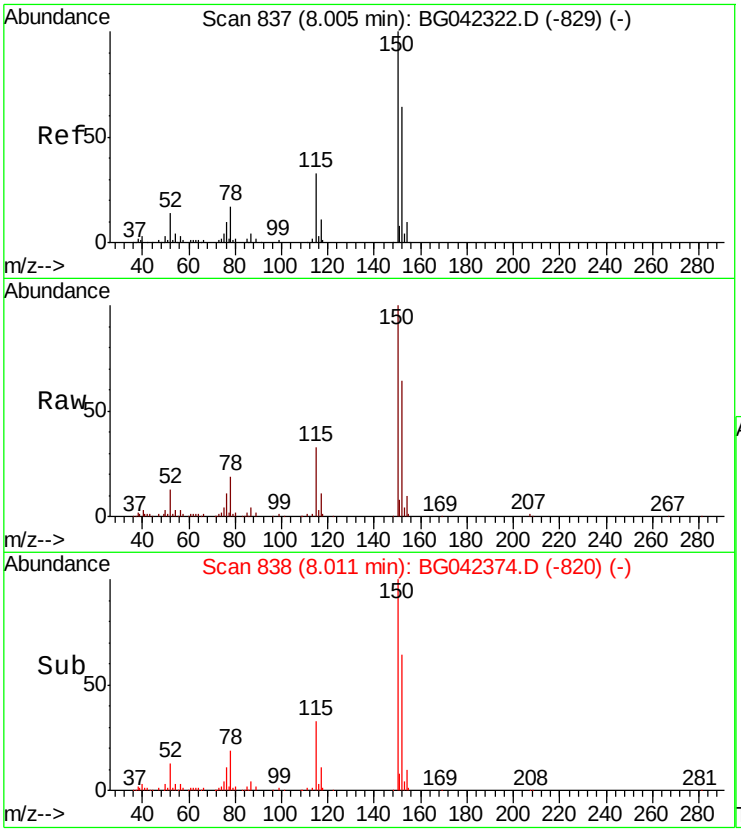


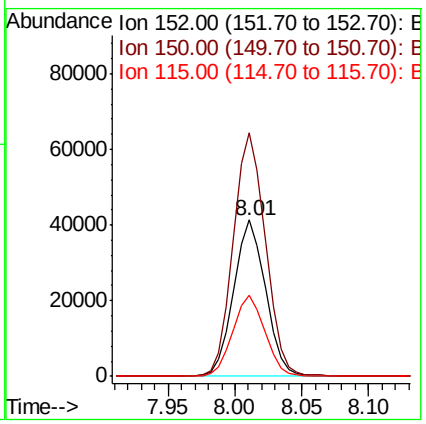


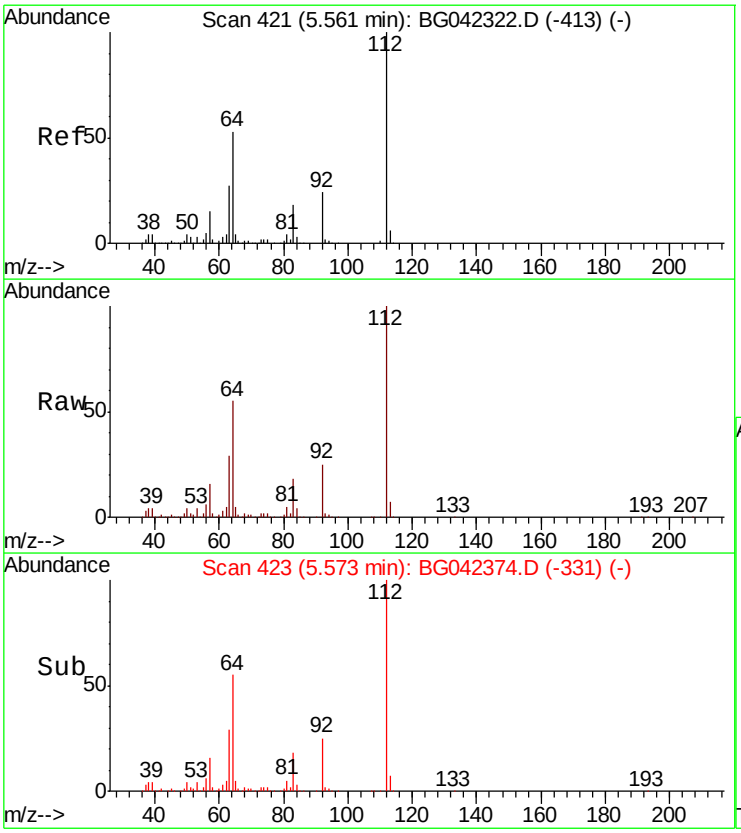
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.01 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 68618

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.3	186.5
115	51.6	40.5	60.7

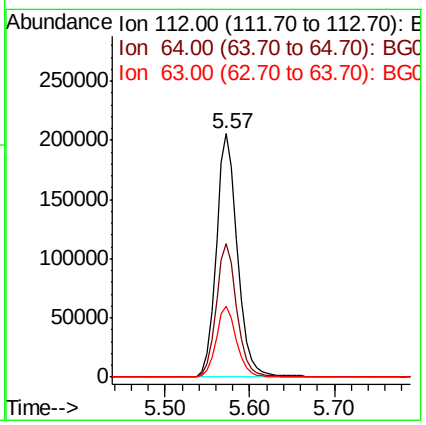


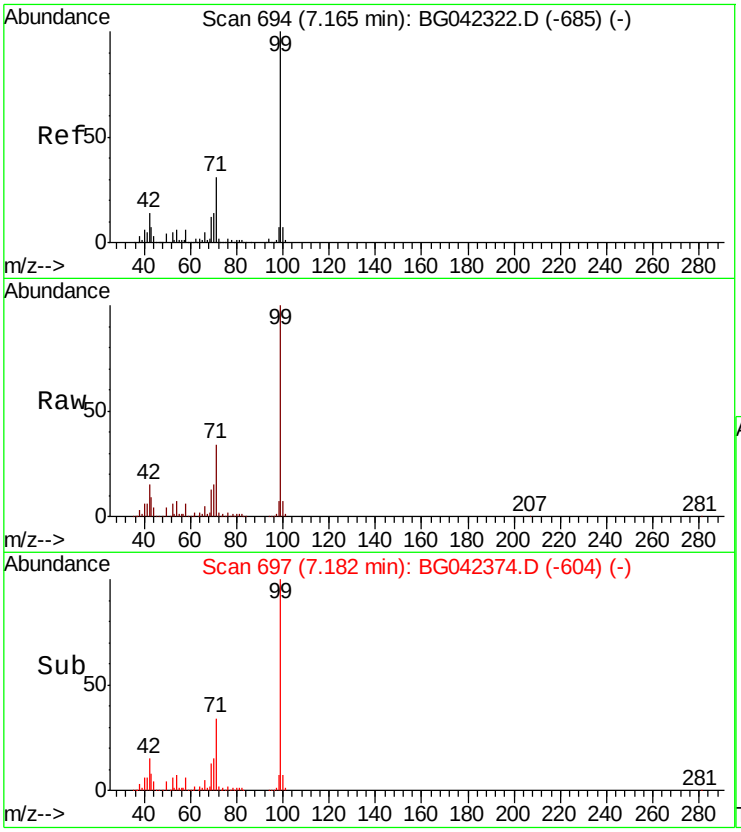


#5
2-Fluorophenol
Concen: 105.708 ng
RT: 5.57 min Scan# 423
Delta R.T. 0.01 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Tgt Ion:112 Resp: 358003

Ion	Ratio	Lower	Upper
112	100		
64	55.0	42.5	63.7
63	28.9	21.7	32.5



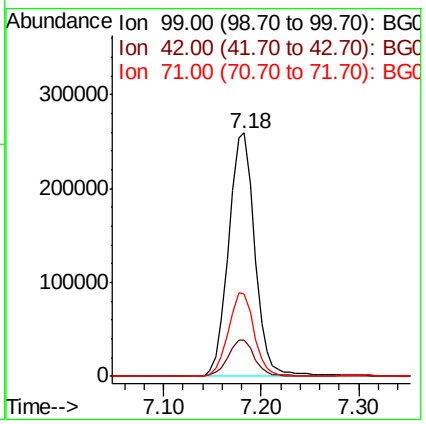


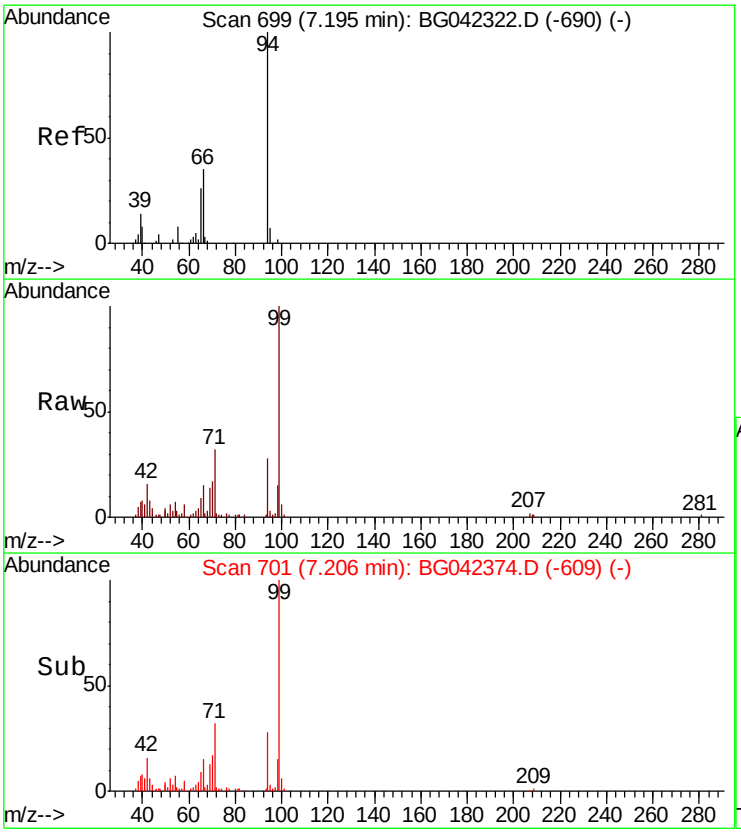
#7
Phenol-d6
Concen: 105.615 ng
RT: 7.18 min Scan# 697
Delta R.T. 0.02 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 485781

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.4	17.0
71	33.7	25.1	37.7

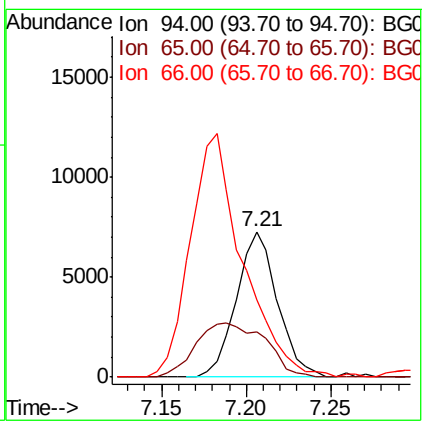


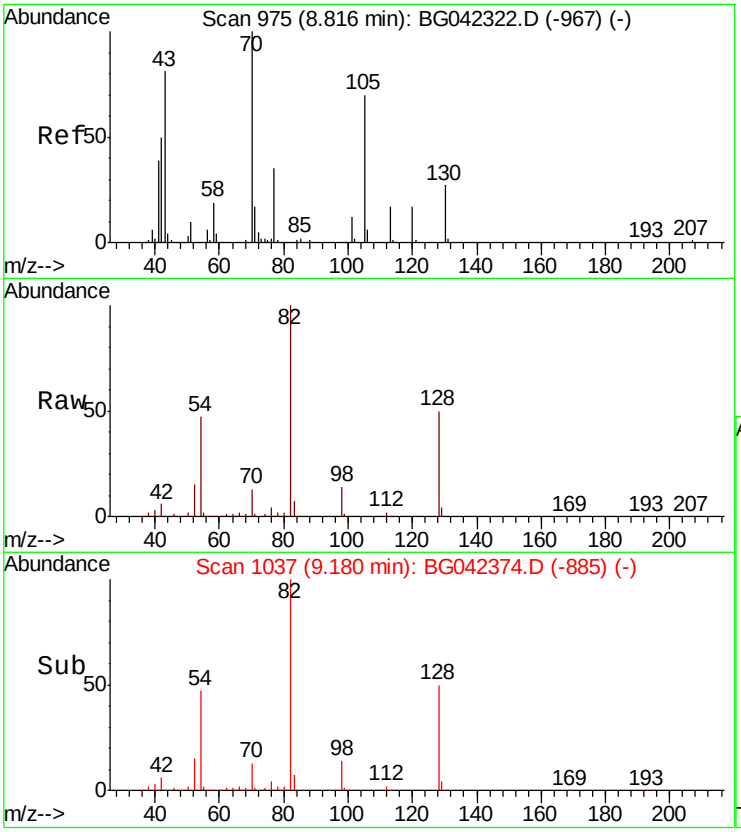


#10
Phenol
Concen: 2.628 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.01 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Tgt Ion: 94 Resp: 12287

Ion	Ratio	Lower	Upper
94	100		
65	31.4	6.1	46.1
66	53.5	15.7	55.7



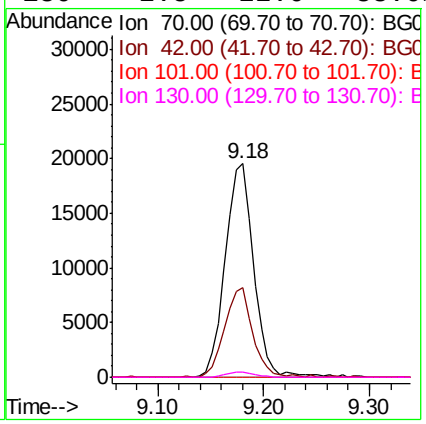


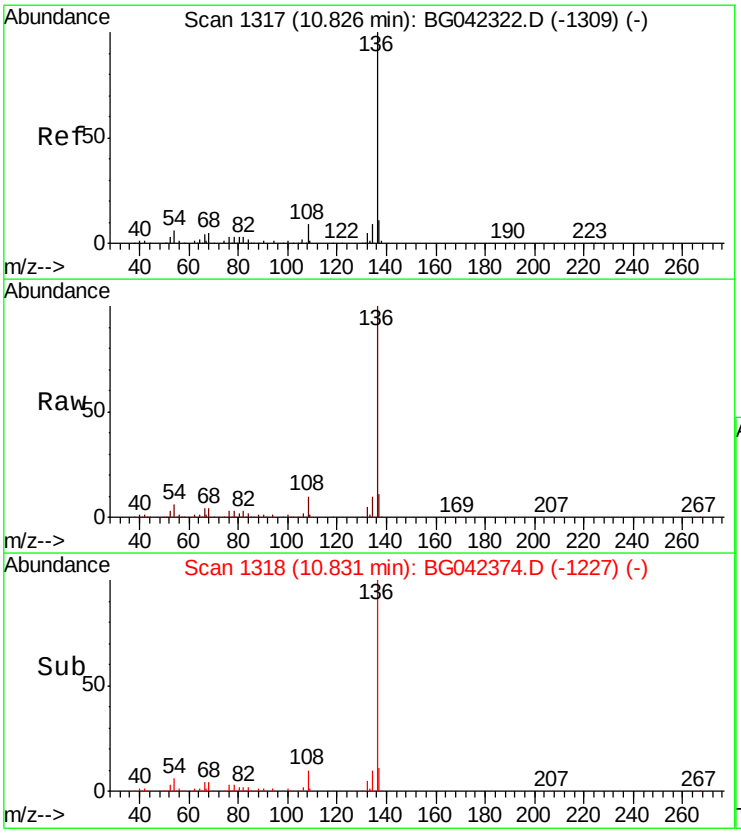
#19
n-Nitroso-di-n-propylamine
Concen: 12.283 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.36 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 36340

Ion	Ratio	Lower	Upper
70	100		
42	42.0	40.5	60.7
101	0.0	9.3	13.9#
130	2.5	22.0	33.0#

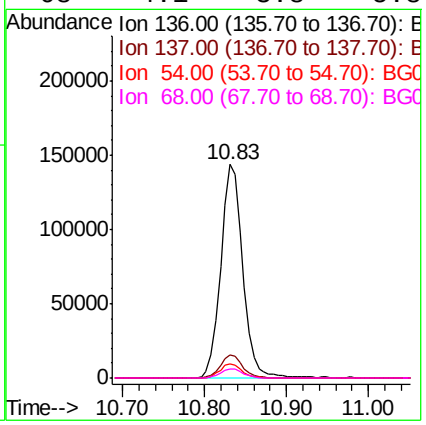


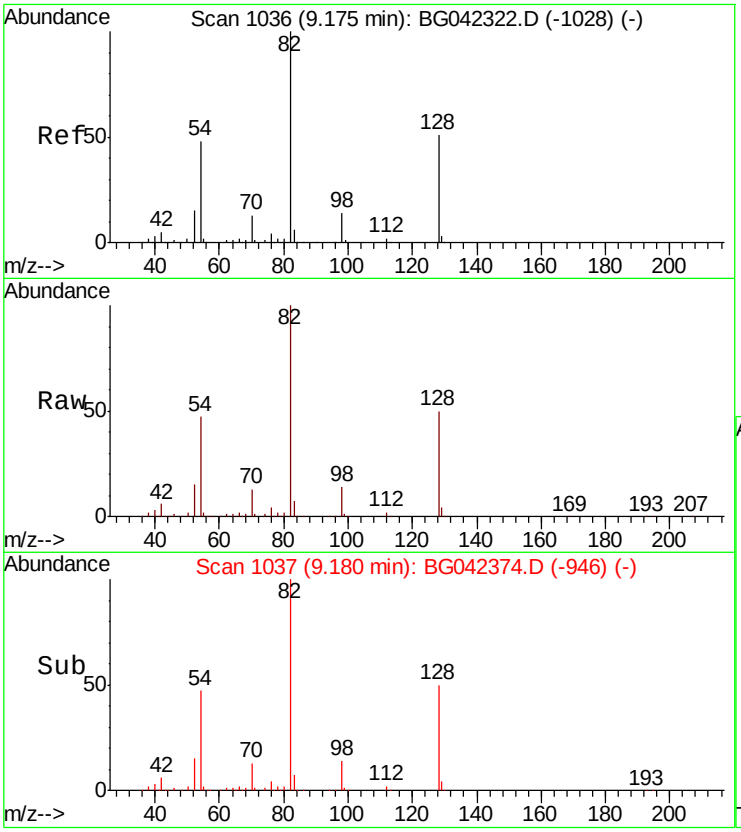


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Tgt Ion:136 Resp: 268545

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	6.4	5.0	7.4
68	4.1	3.8	5.8



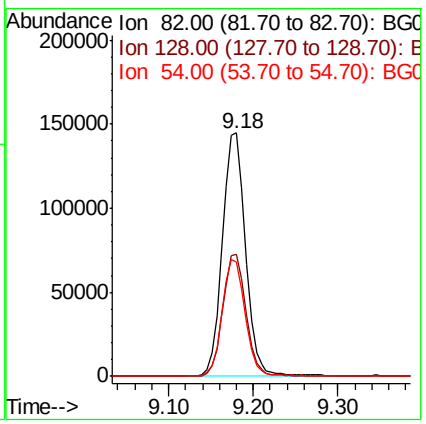


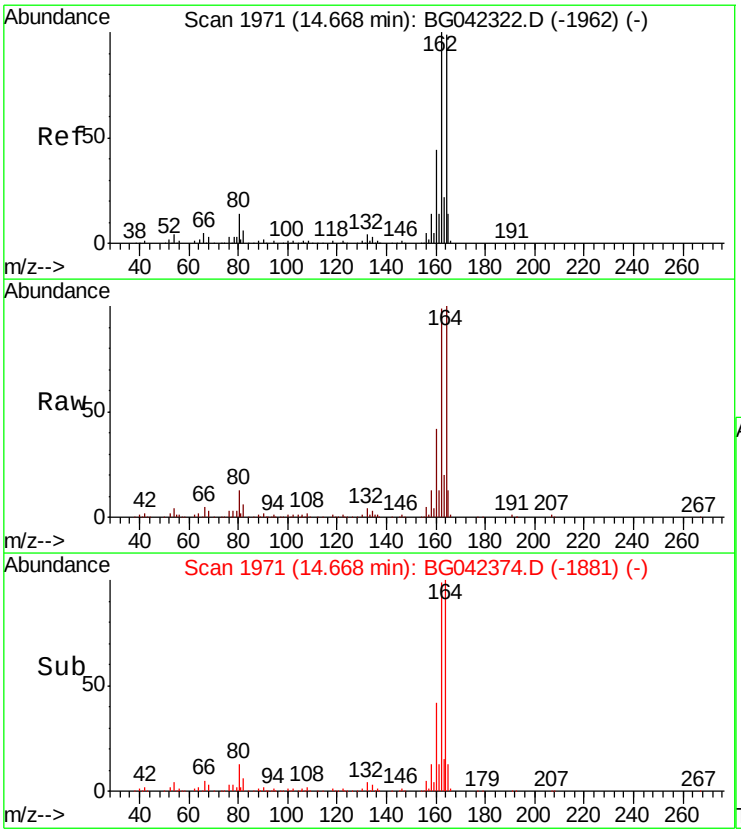
#23
Nitrobenzene-d5
Concen: 71.879 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 274448

Ion	Ratio	Lower	Upper
82	100		
128	50.0	41.0	61.4
54	46.8	38.0	57.0

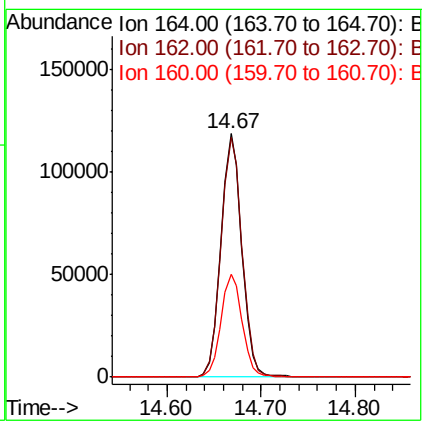


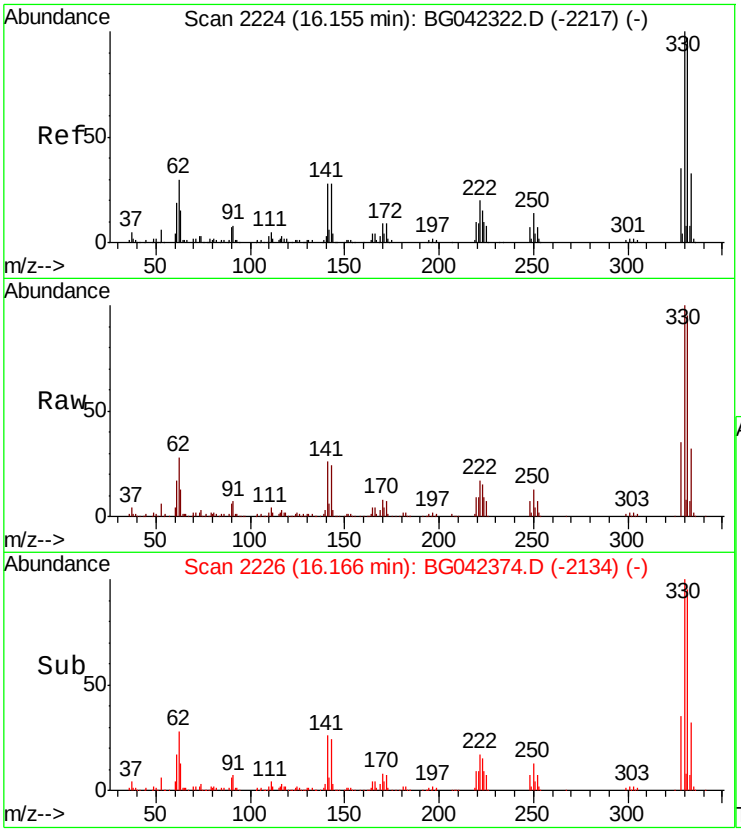


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Tgt Ion:164 Resp: 183397

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.6	120.8
160	42.3	35.7	53.5



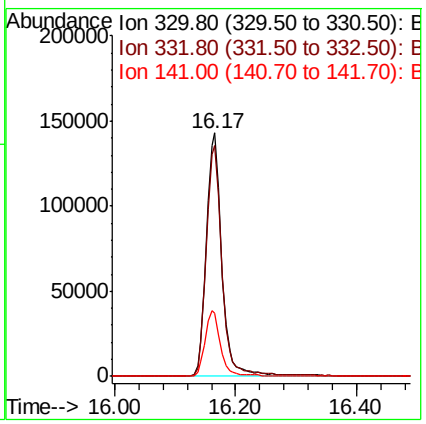


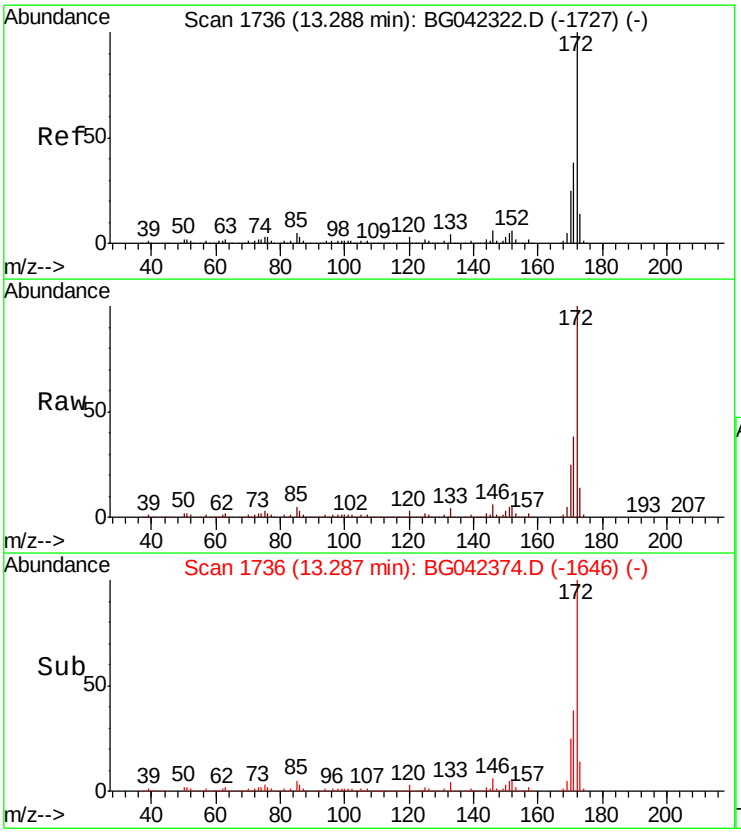
#42
2,4,6-Tribromophenol
Concen: 103.128 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 257597

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	27.0	21.8	32.6

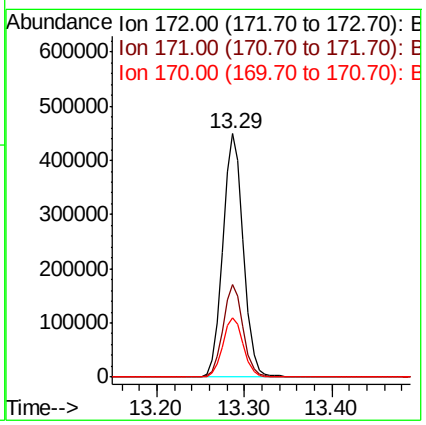


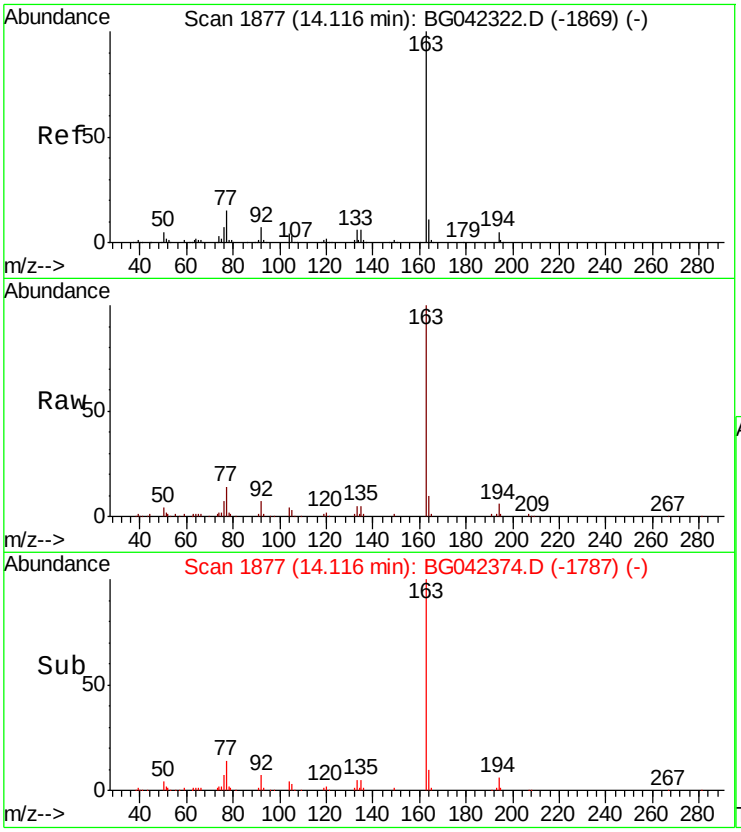


#45
2-Fluorobiphenyl
Concen: 66.863 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Tgt Ion:172 Resp: 724661

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.3	45.5
170	24.5	20.0	30.0



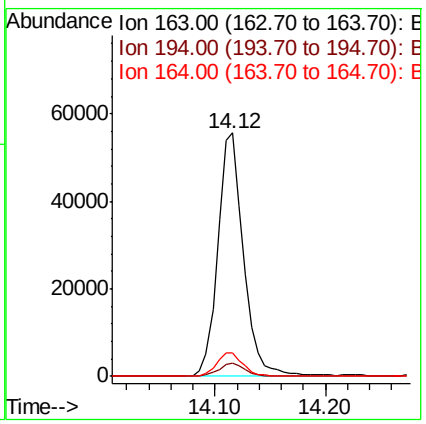


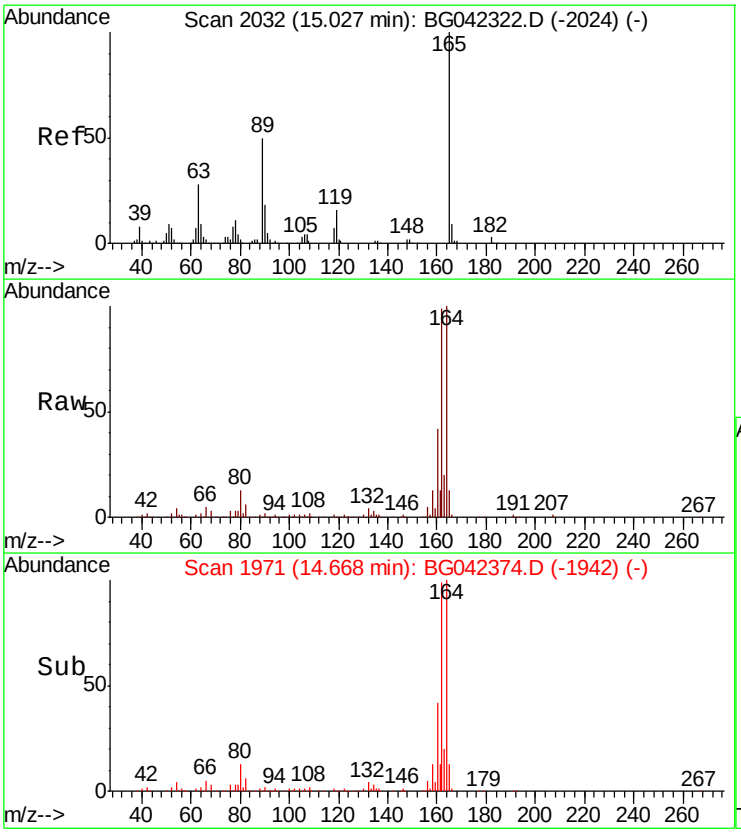
#50
Dimethylphthalate
Concen: 6.914 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 90098

Ion	Ratio	Lower	Upper
163	100		
194	5.6	4.2	6.2
164	9.7	8.8	13.2

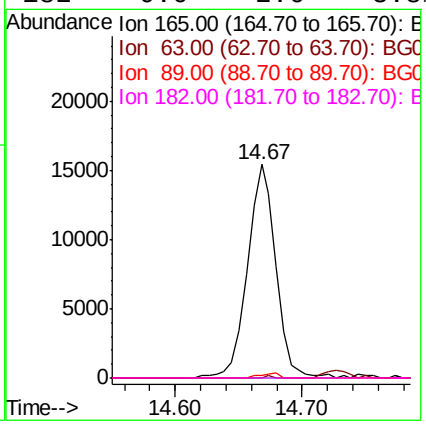


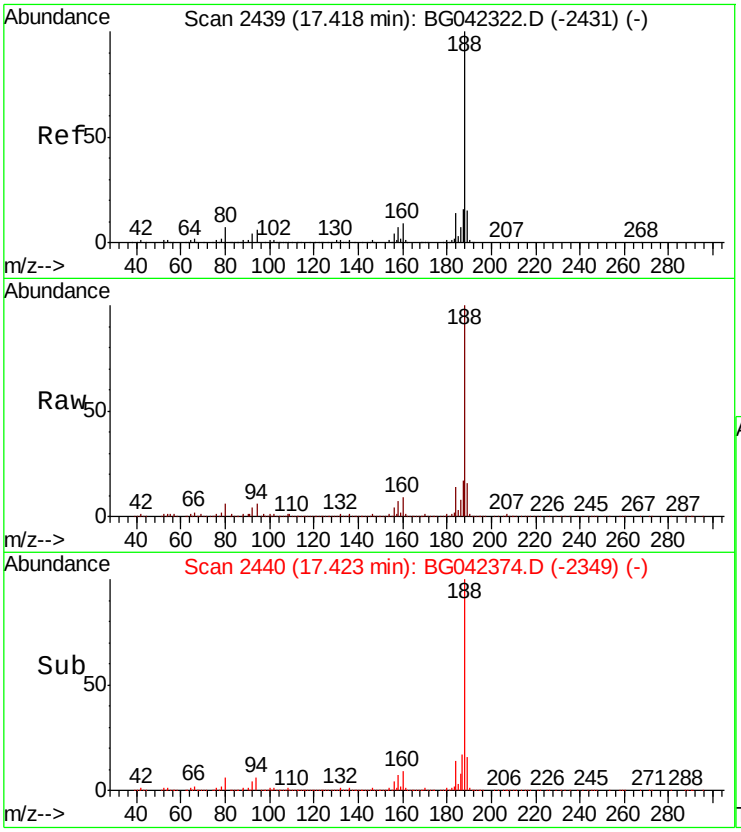


#57
2,4-Dinitrotoluene
Concen: 5.638 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.36 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Tgt Ion:165 Resp: 24042

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.4	33.6#
89	1.5	40.2	60.2#
182	0.0	2.6	3.8#



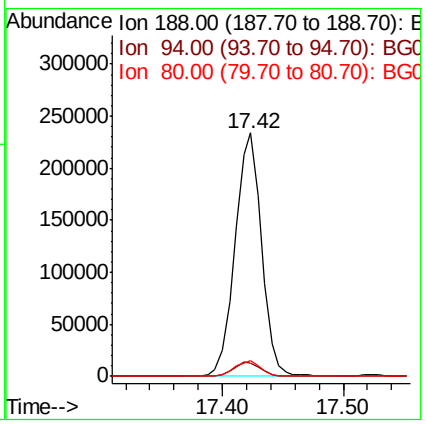


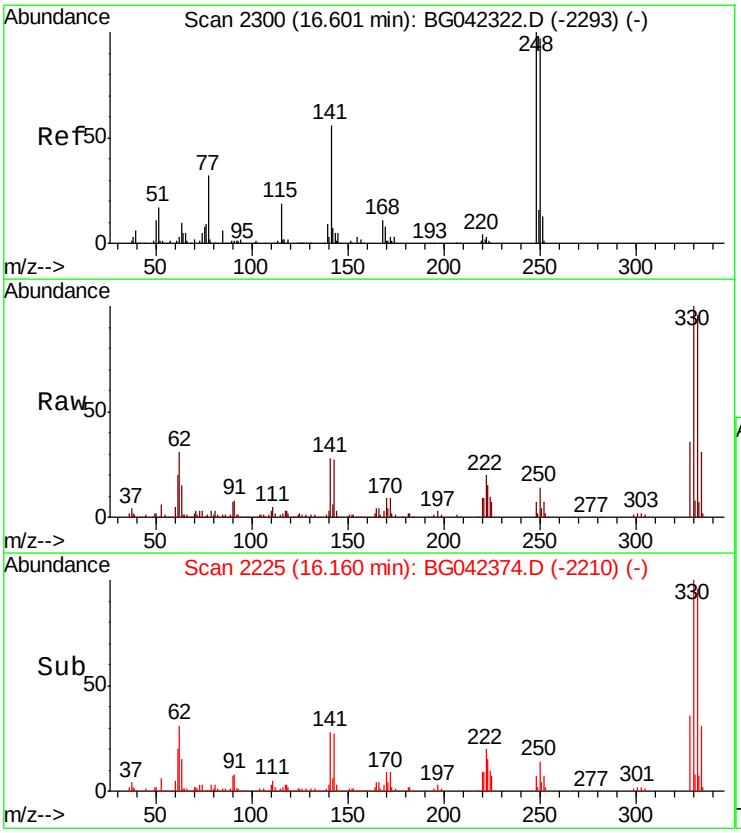
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 356206

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.9	7.3
80	6.3	5.4	8.0

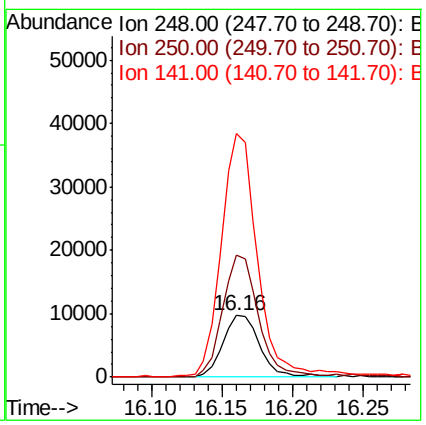


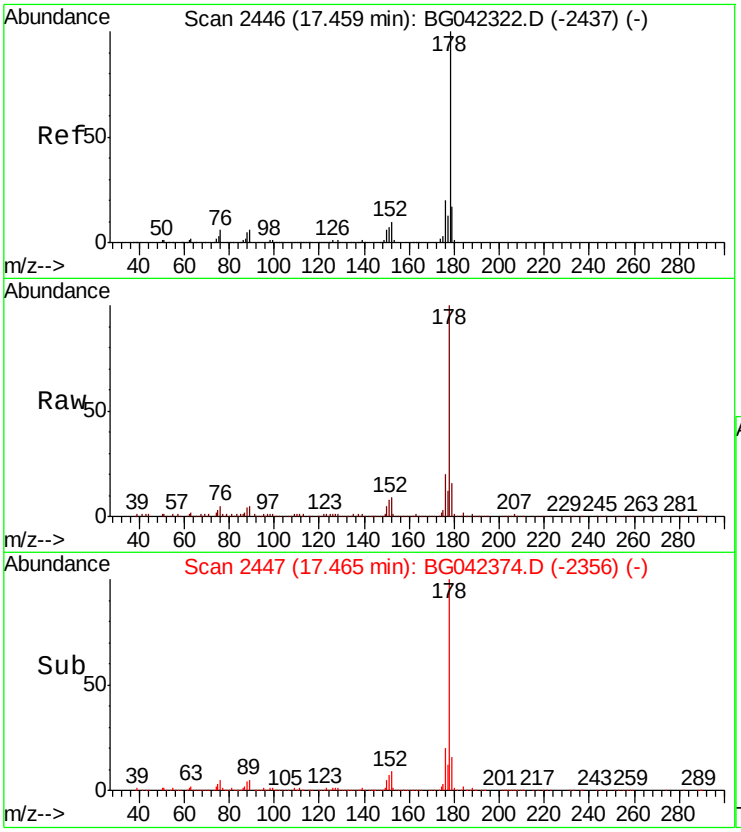


#67
4-Bromophenyl-phenylether
Concen: 3.908 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.44 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Tgt Ion:248 Resp: 17714

Ion	Ratio	Lower	Upper
248	100		
250	196.5	78.0	117.0#
141	394.0	44.9	67.3#



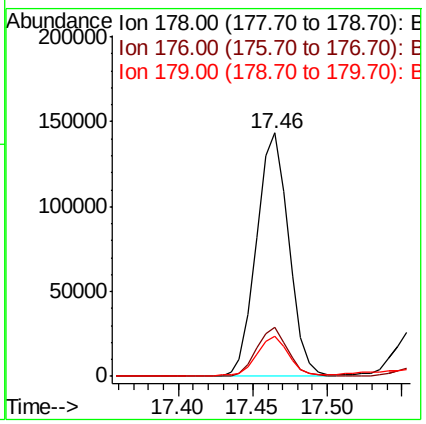


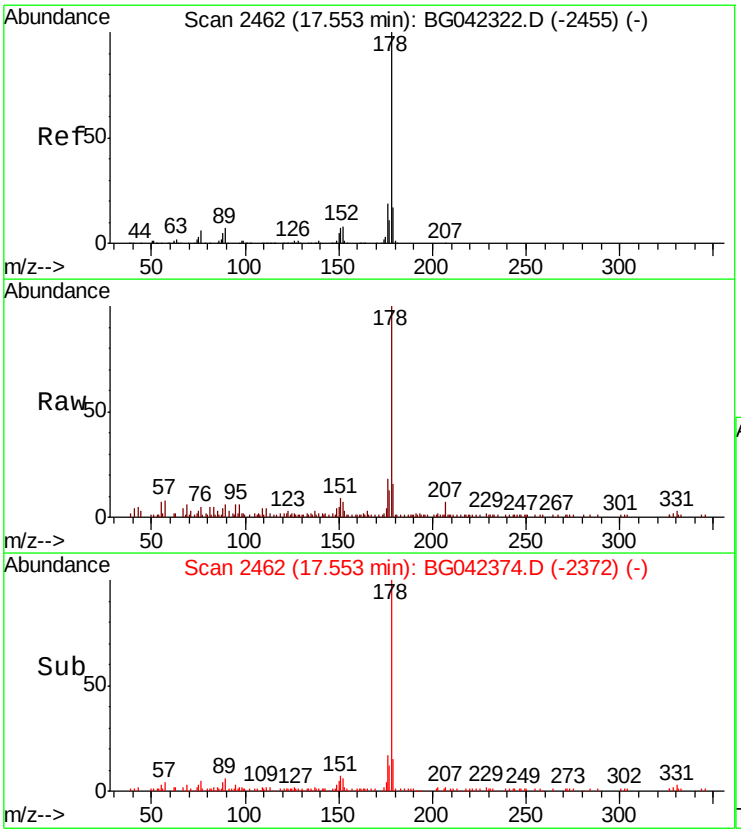
#71
Phenanthrene
Concen: 12.038 ng
RT: 17.46 min Scan# 2447
Delta R.T. 0.01 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 213561

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	16.3	13.7	20.5

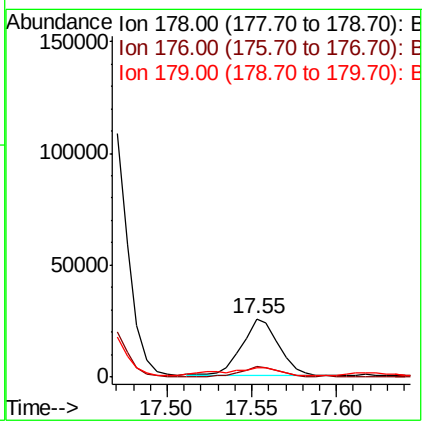


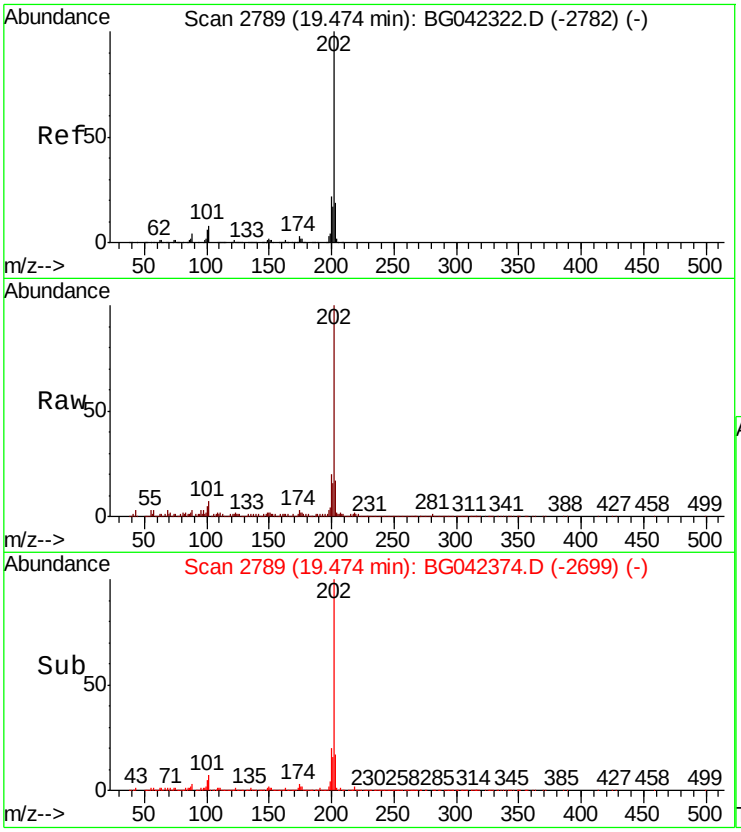


#72
Anthracene
Concen: 2.202 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Tgt Ion:178 Resp: 38969

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.5	23.3
179	16.3	13.6	20.4



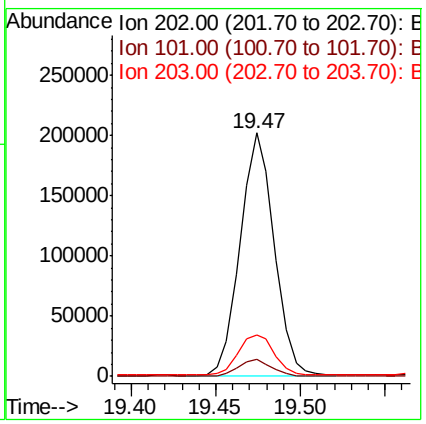


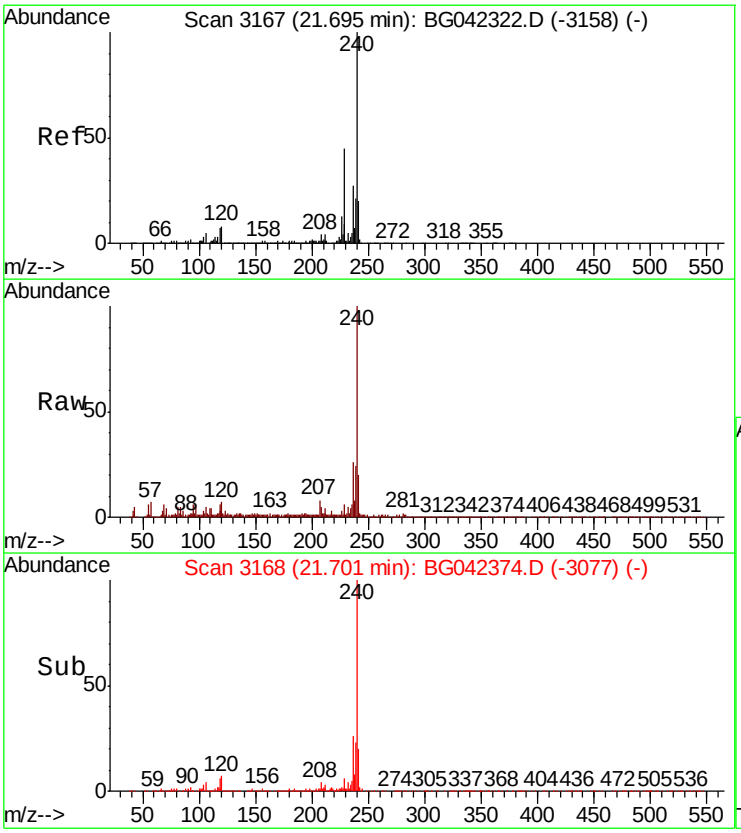
#75
Fluoranthene
Concen: 13.167 ng
RT: 19.47 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 281672

Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	28.0
203	17.0	0.0	39.1

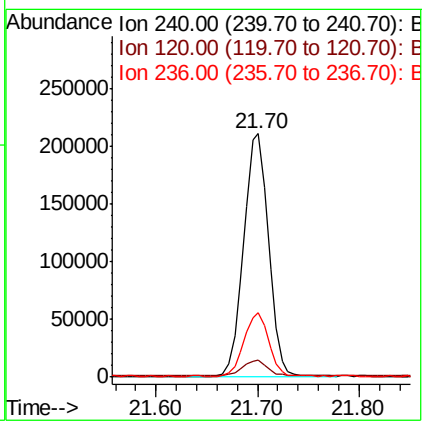


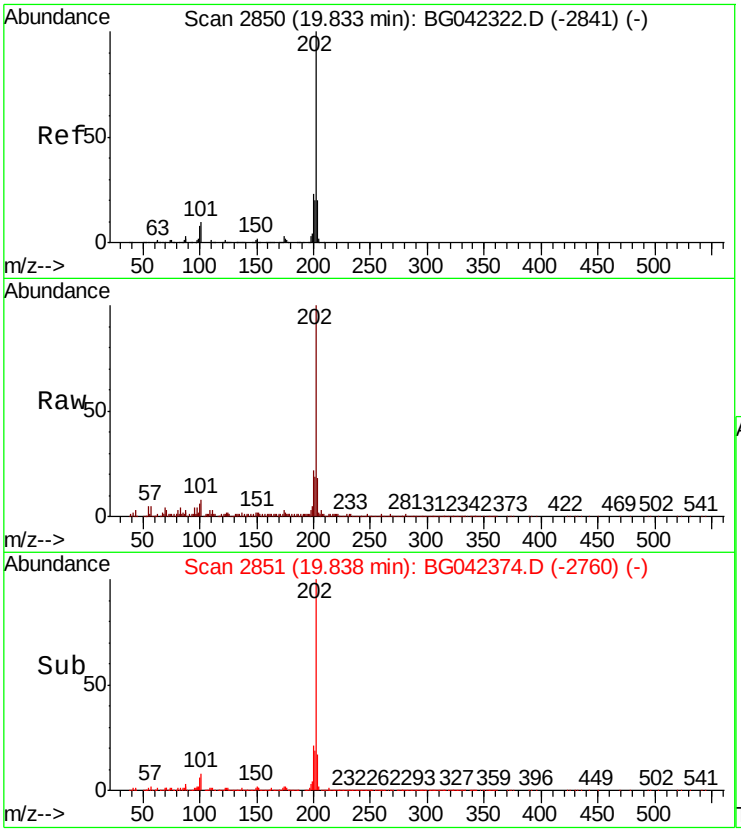


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. 0.01 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Tgt Ion:240 Resp: 359477

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.0	9.0
236	26.2	21.6	32.4



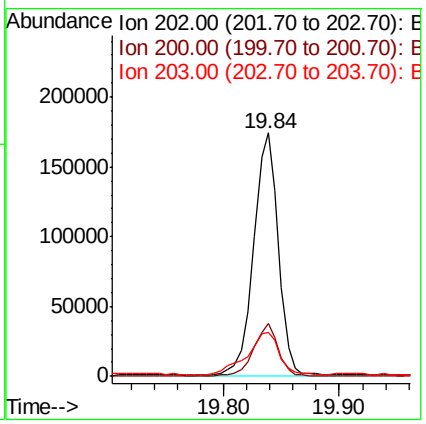


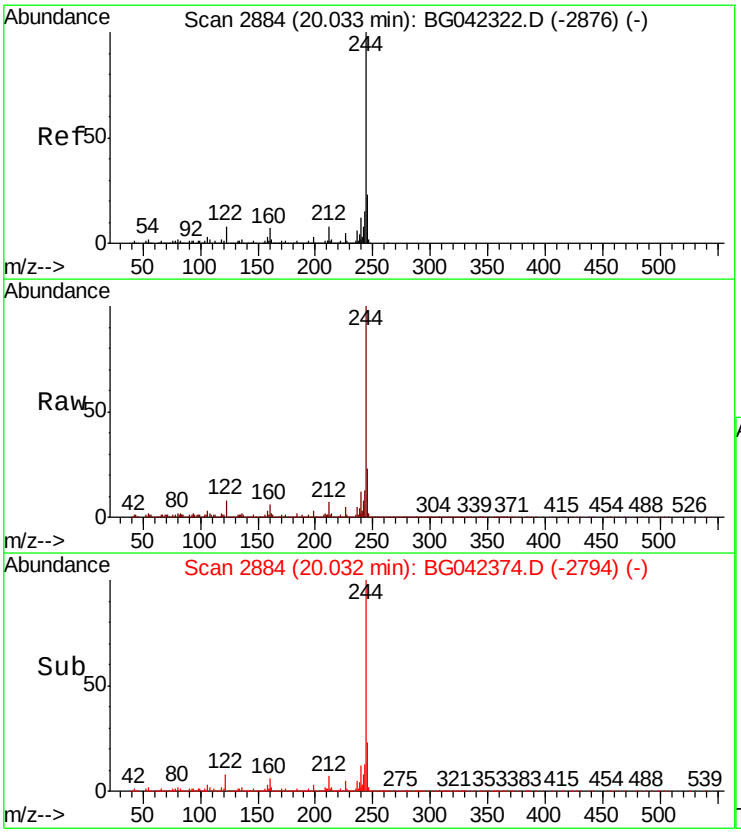
#78
Pyrene
Concen: 11.737 ng
RT: 19.84 min Scan# 2851
Delta R.T. 0.01 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 259610

Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.1	27.1
203	18.1	15.8	23.8

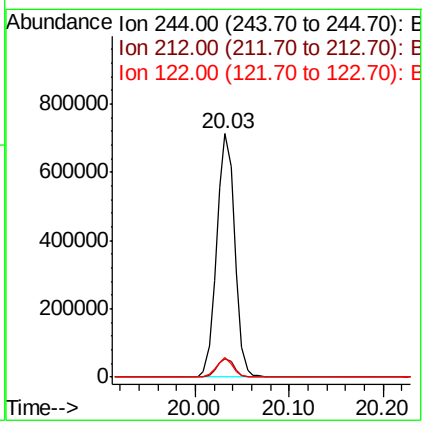


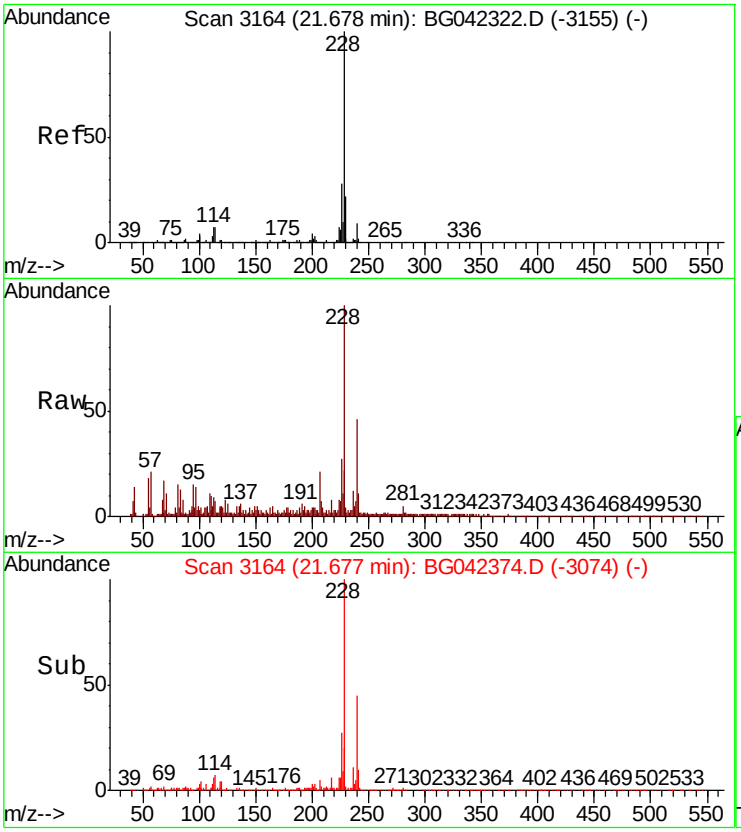


#79
Terphenyl-d14
Concen: 58.438 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Tgt Ion:244 Resp: 959102

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	7.9	6.6	10.0



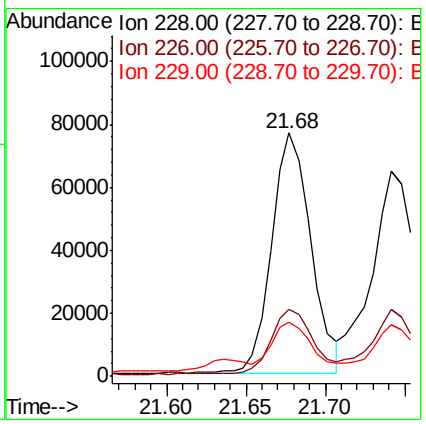


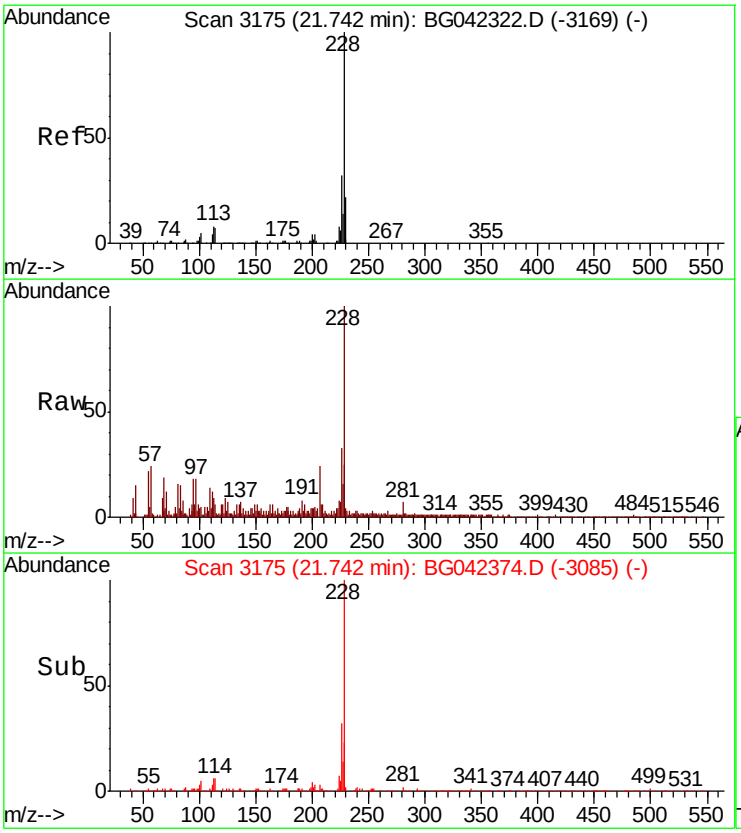
#81
Benzo(a)anthracene
Concen: 5.969 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 131770

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.7	34.1
229	22.2	17.4	26.2

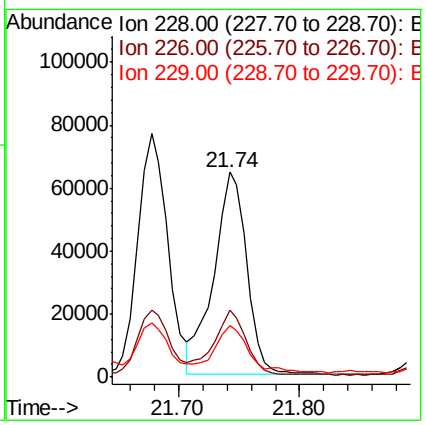


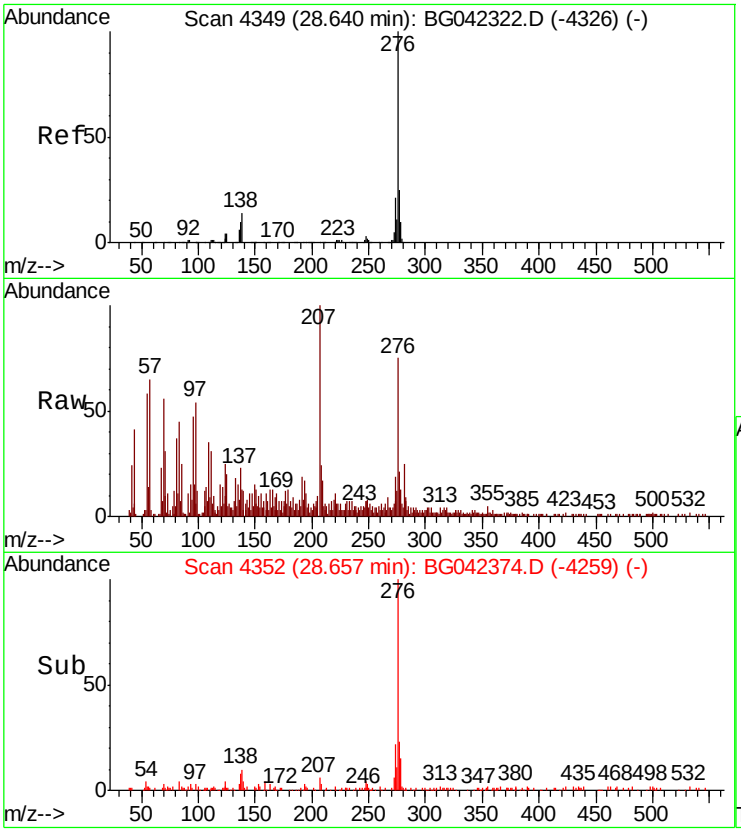


#83
Chrysene
Concen: 5.755 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Tgt Ion:228 Resp: 121539

Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.6	38.4
229	25.1	17.8	26.6



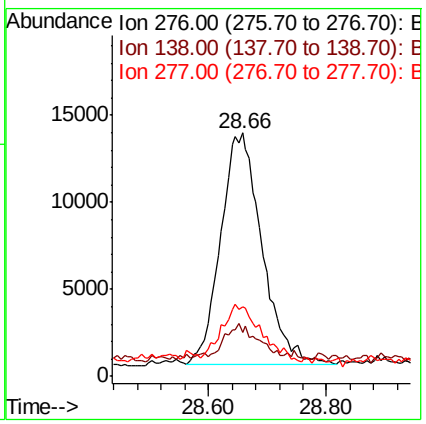


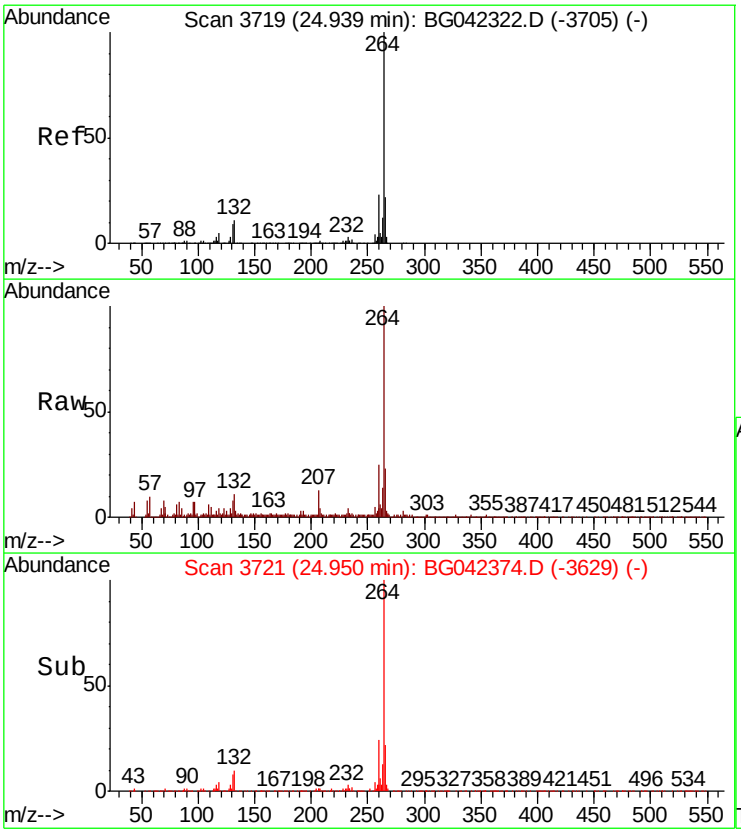
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.309 ng
RT: 28.66 min Scan# 4352
Delta R.T. 0.02 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 65093

Ion	Ratio	Lower	Upper
276	100		
138	10.4	14.5	21.7#
277	23.3	21.0	31.4

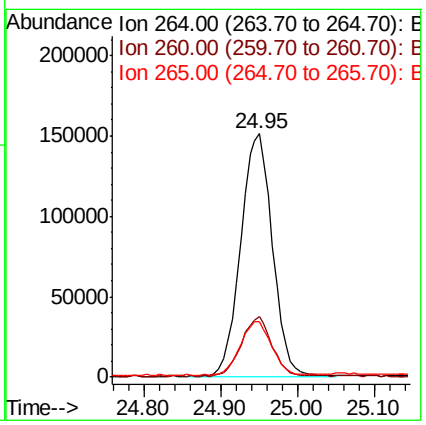


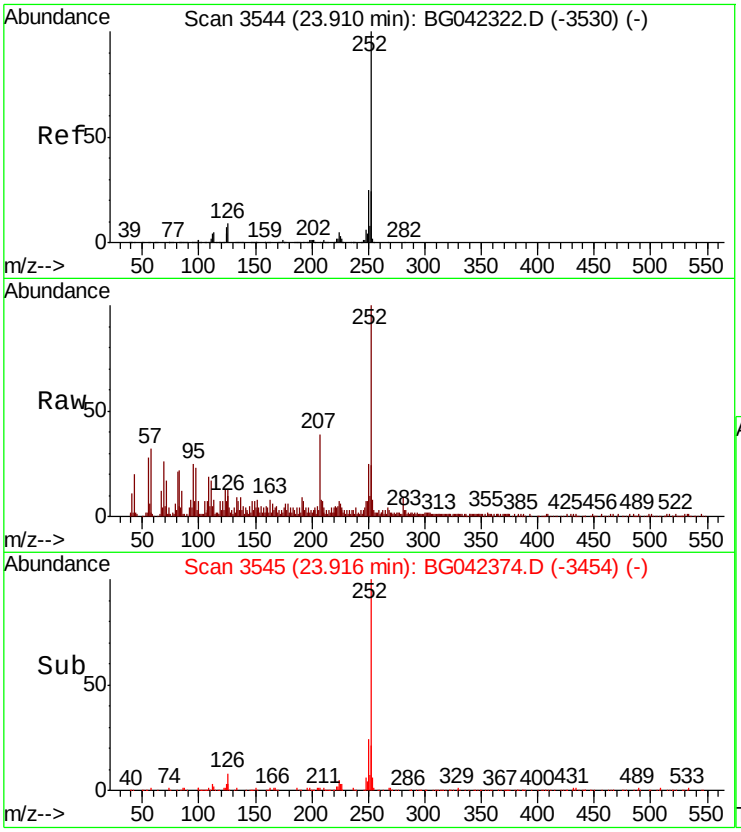


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3721
Delta R.T. 0.01 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Tgt Ion:264 Resp: 434229

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.4	27.6
265	22.8	17.4	26.0



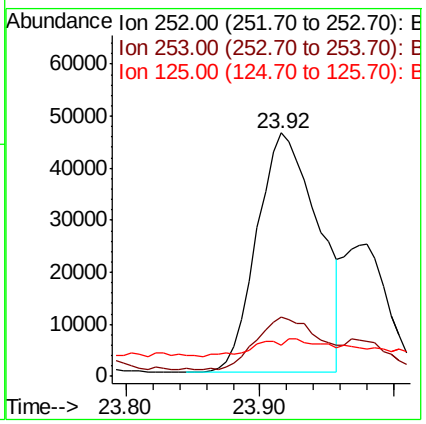


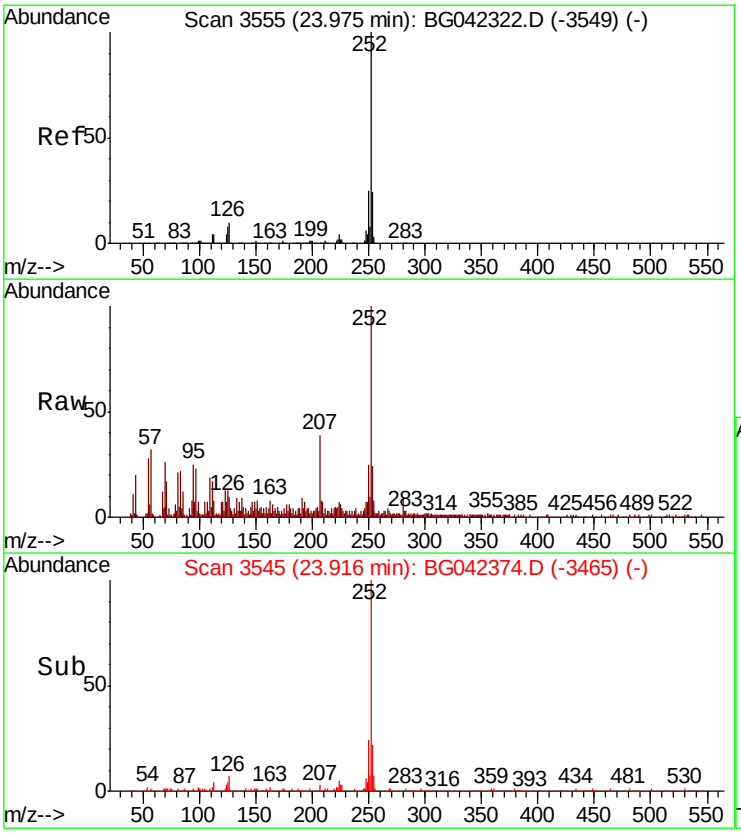
#88
Benzo(b)fluoranthene
Concen: 6.130 ng
RT: 23.92 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 146303

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.9	28.3
125	12.9	5.8	8.6#

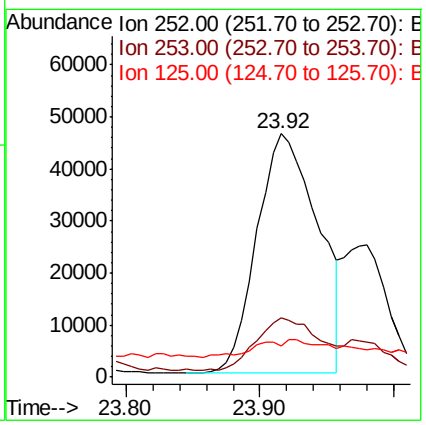


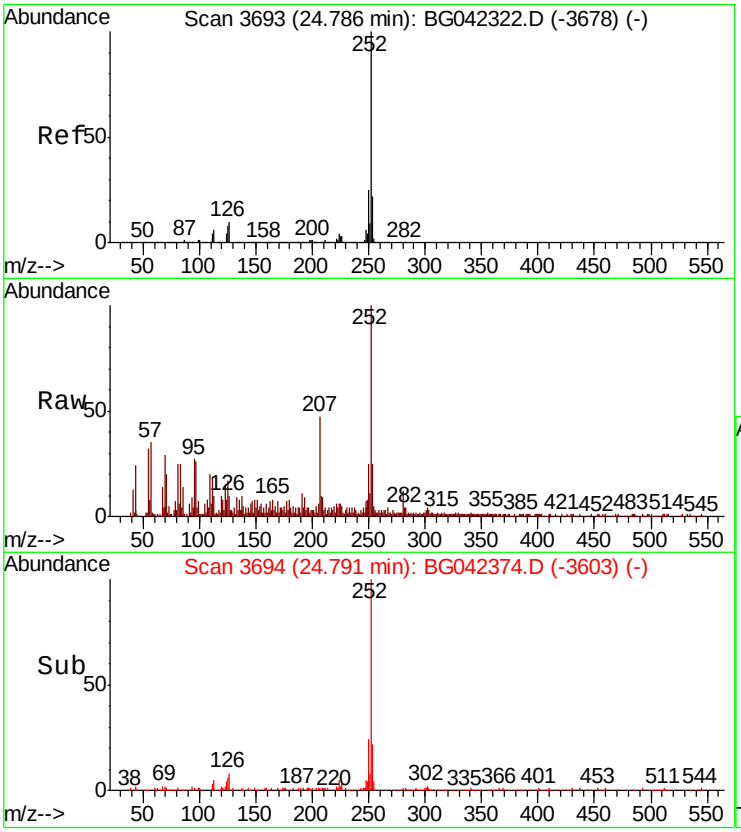


#89
Benzo(k)fluoranthene
Concen: 6.271 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.06 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Tgt Ion:252 Resp: 146303

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.4
125	12.9	6.0	9.0#



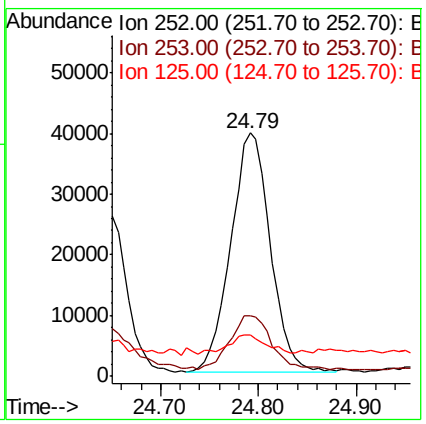


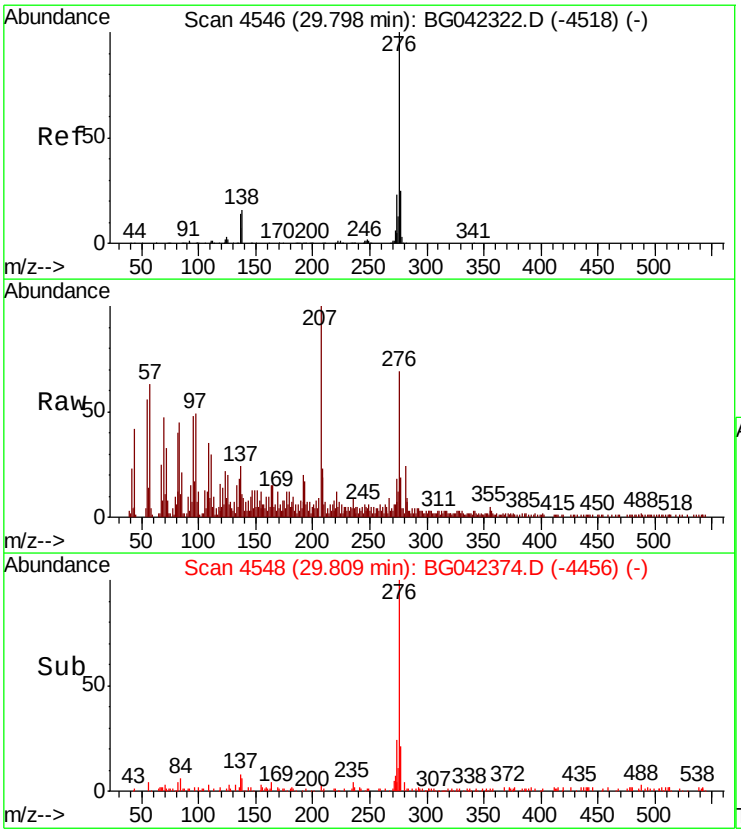
#90
Benzo(a)pyrene
Concen: 4.843 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.01 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 110755

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	17.1	6.7	10.1#





#92
Benzo(g,h,i)perylene
Concen: 2.754 ng
RT: 29.81 min Scan# 4548
Delta R.T. 0.01 min
Lab File: BG042374.D
Acq: 21 Aug 2019 1:43

Tgt Ion:276 Resp: 62611

Ion	Ratio	Lower	Upper
276	100		
277	28.3	19.8	29.8
138	16.7	12.8	19.2