Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042394.D
Acq On : 21 Aug 2019 21:55
Operator : HP/JU
Sample : K4413-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 22 01:24:48 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	66134	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	272716	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	212829	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	481183	20.00	ng		0.00
76) Chrysene-d12	21.70	240	397160	20.00	ng		0.00
87) Perylene-d12	24.94	264	480058	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	80980	24.81	ng		0.00
7) Phenol-d6	7.17	99	74682	16.85	ng		0.00
23) Nitrobenzene-d5	9.18	82	388388	100.16	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	228870	78.96	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1212328	96.39	ng		0.00
79) Terphenyl-d14	20.03	244	1847935	101.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	17311	12.298	ng	#	1
10) Phenol	7.20	94	11082	2.459	ng		87
18) Hexachloroethane	9.12	117	5697	3.259	ng	#	1
19) n-Nitroso-di-n-propylamine	9.18	70	51383	18.021	ng	#	72
32) Benzoic acid	10.02	122	1473	8.278	ng	#	50
37) 2-Methylnaphthalene	12.49	142	39755	3.924	ng		91
38) 1-Methylnaphthalene	12.49	142	39755	4.120	ng		95
50) Dimethylphthalate	14.11	163	223559	14.783	ng		99
52) Acenaphthene	14.73	154	123953	11.418	ng		94
54) 2,4-Dinitrophenol	14.78	184	60	6.536	ng	#	1
58) Fluorene	15.71	166	94487	6.569	ng		98
71) Phenanthrene	17.46	178	489095	20.409	ng		98
72) Anthracene	17.55	178	151355	6.333	ng		98
73) Carbazole	17.82	167	51126	2.408	ng	#	92
75) Fluoranthene	19.47	202	357038	12.355	ng		98
78) Pyrene	19.83	202	272590	11.154	ng		97
81) Benzo(a)anthracene	21.68	228	72833	2.986	ng		97
83) Chrysene	21.74	228	62454	2.677	ng		96
88) Benzo(b)fluoranthene	23.92	252	64421	2.441	ng	#	98
89) Benzo(k)fluoranthene	23.92	252	64421	2.498	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
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Acq On : 21 Aug 2019 21:55
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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QLast Update : Mon Aug 19 13:40:37 2019
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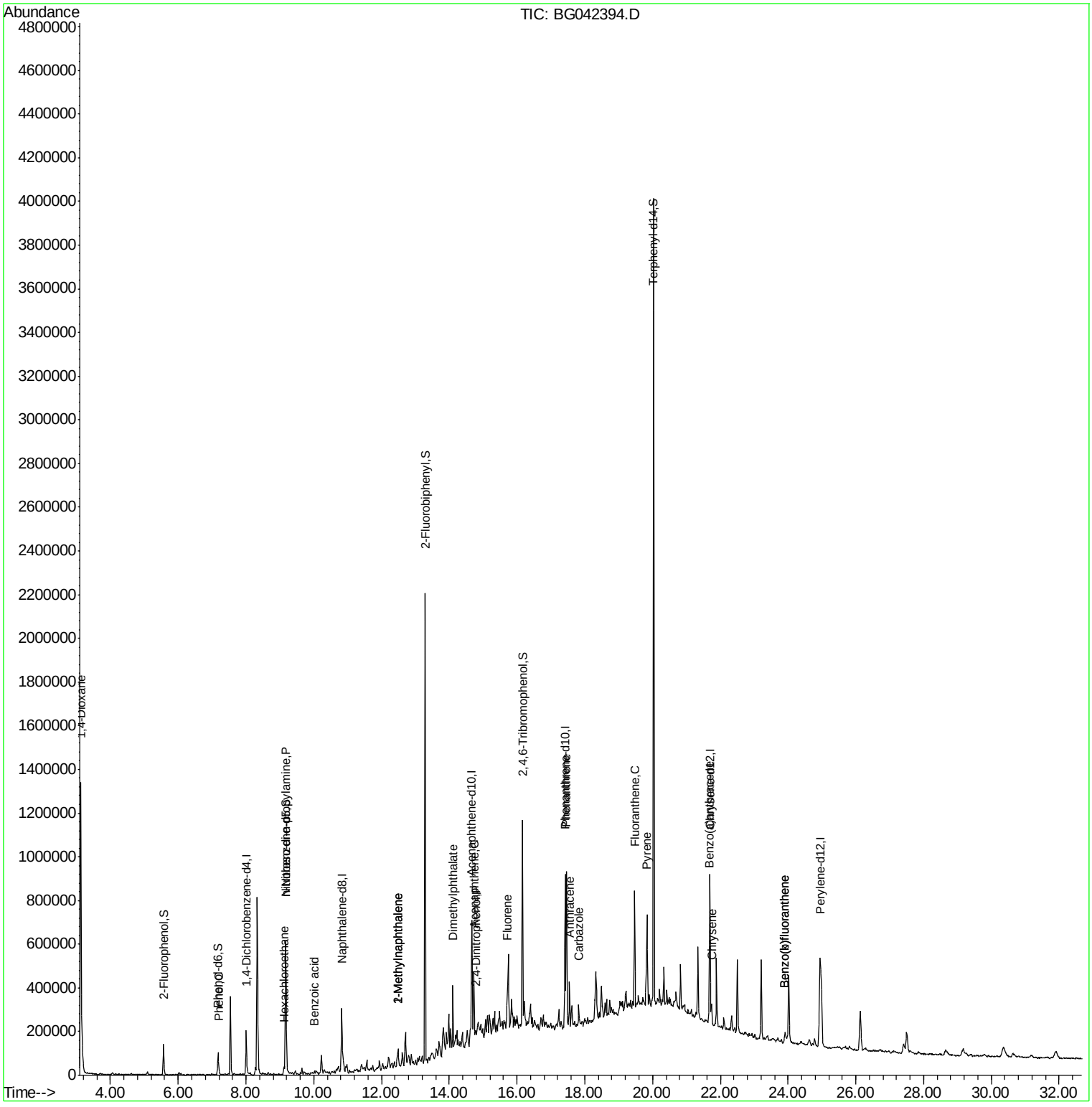
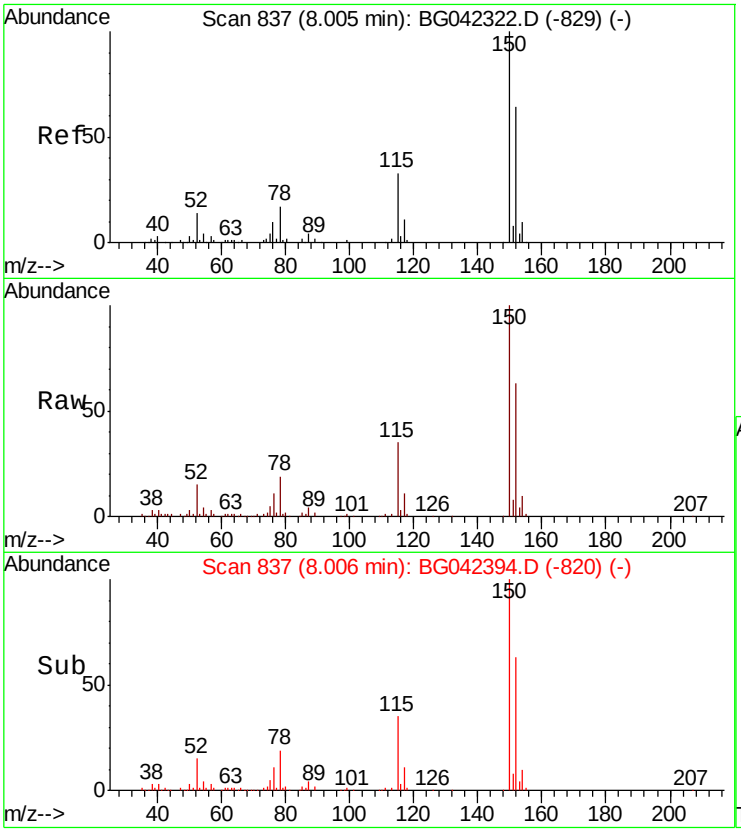


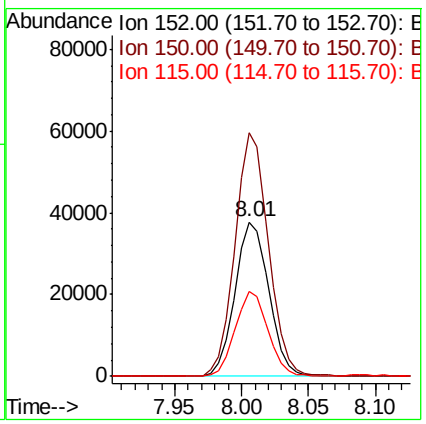


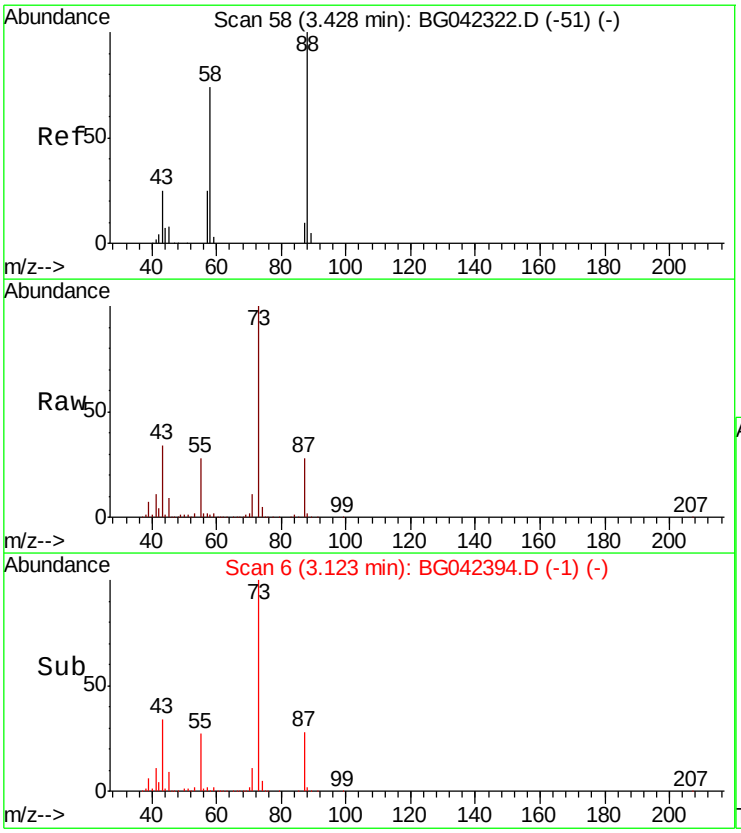
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 66134

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.3	186.5
115	55.1	40.5	60.7

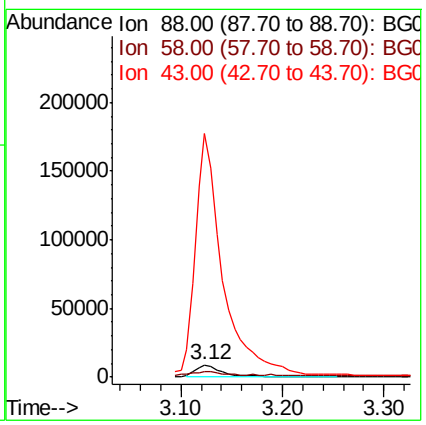


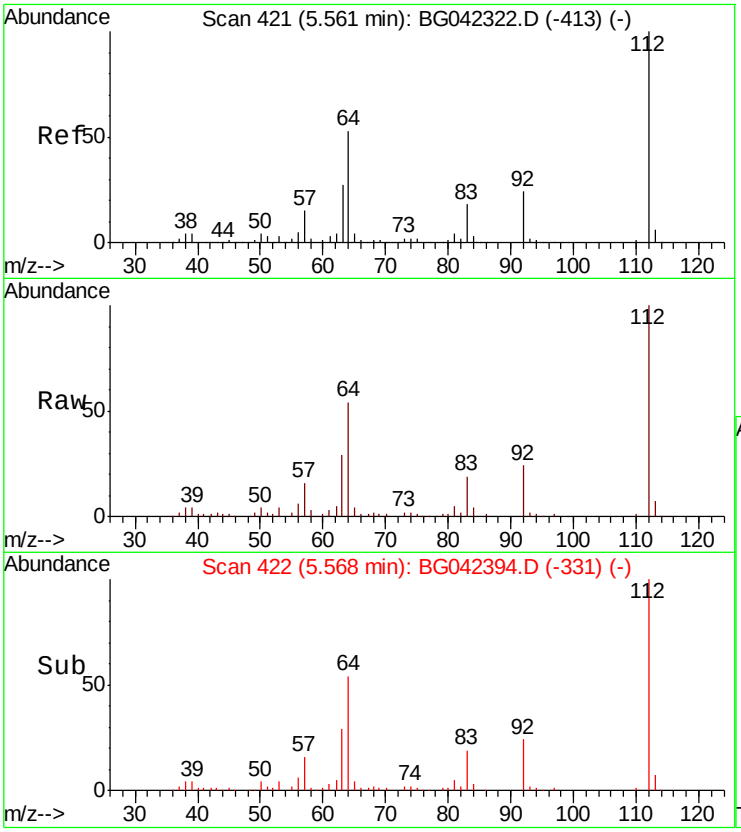


#2
1,4-Dioxane
Concen: 12.298 ng
RT: 3.12 min Scan# 6
Delta R.T. -0.31 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion: 88 Resp: 17311

Ion	Ratio	Lower	Upper
88	100		
58	20.9	58.6	88.0#
43	1815.8	19.4	29.0#



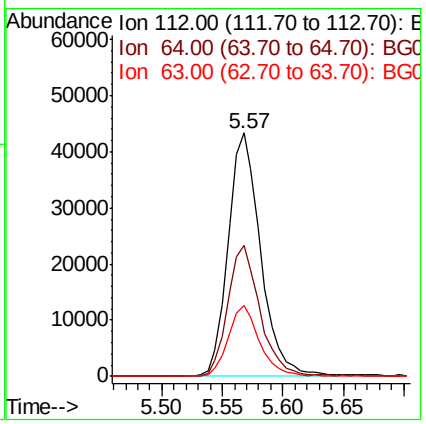


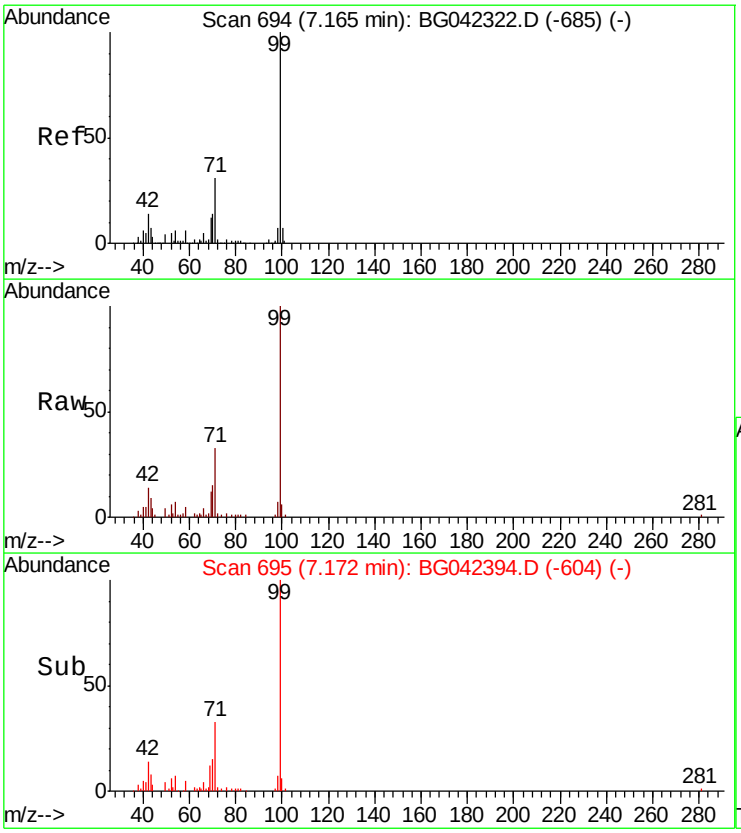
#5
2-Fluorophenol
Concen: 24.809 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 80980

Ion	Ratio	Lower	Upper
112	100		
64	53.6	42.5	63.7
63	29.0	21.7	32.5

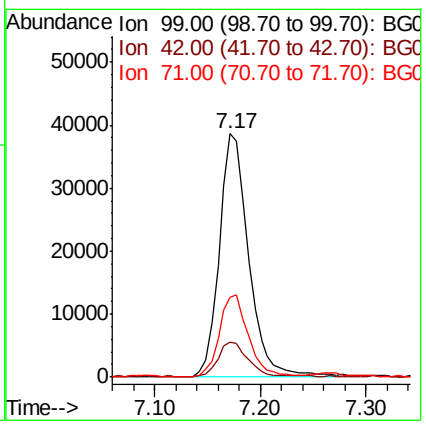


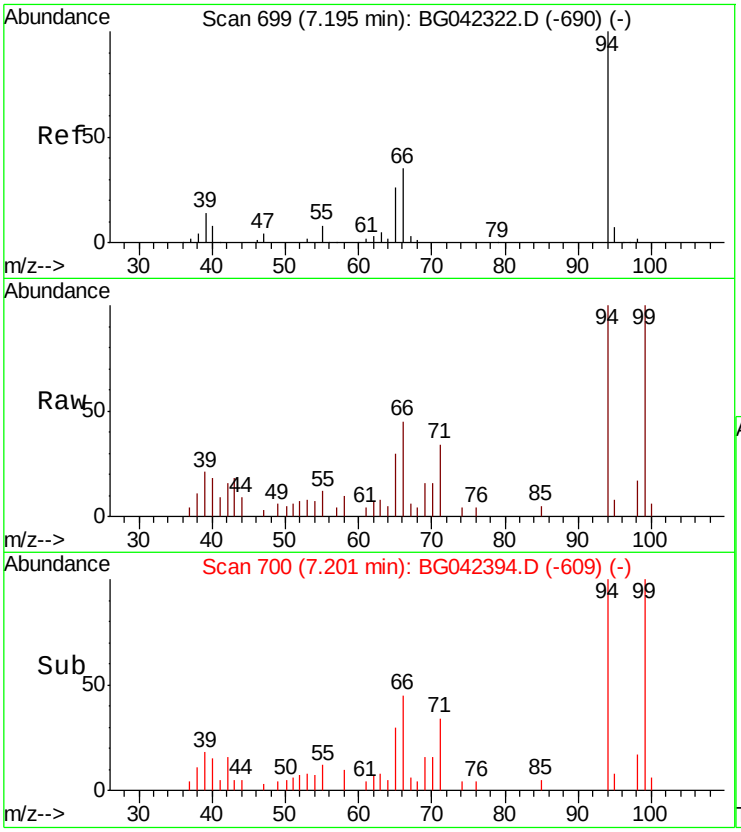


#7
Phenol-d6
Concen: 16.847 ng
RT: 7.17 min Scan# 695
Delta R.T. 0.01 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion: 99 Resp: 74682

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.4	17.0
71	32.8	25.1	37.7



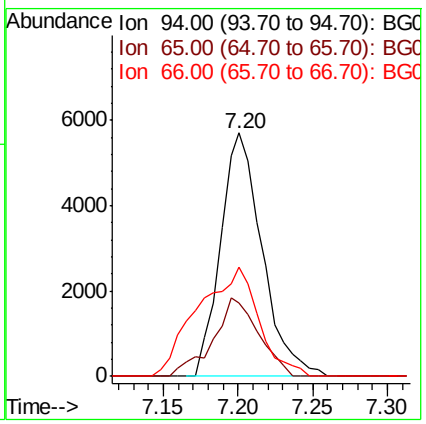


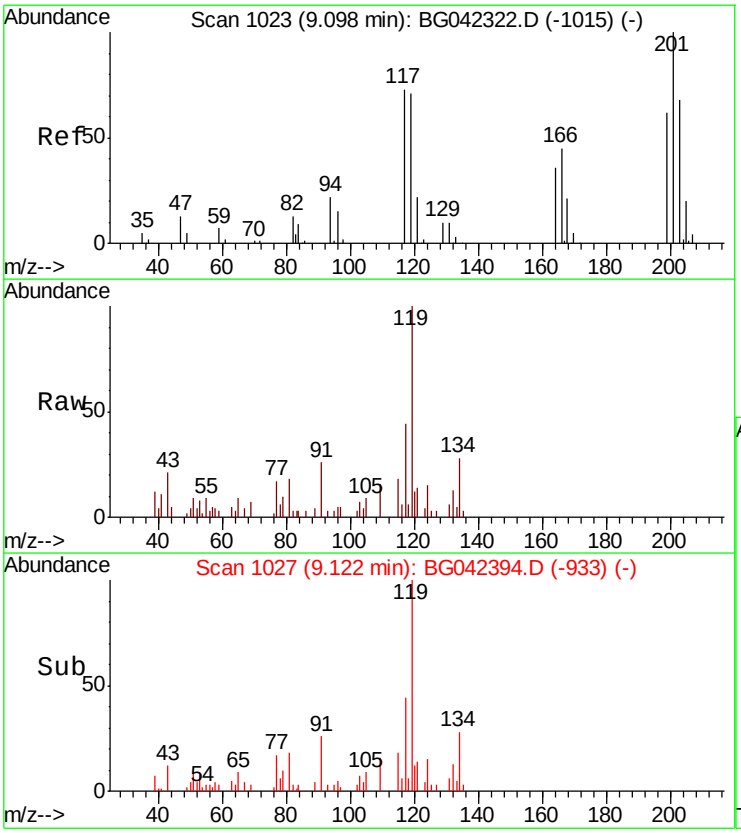
#10
Phenol
Concen: 2.459 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.01 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 11082

Ion	Ratio	Lower	Upper
94	100		
65	30.3	6.1	46.1
66	45.0	15.7	55.7

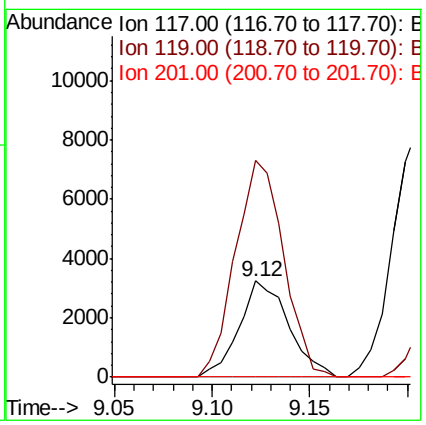


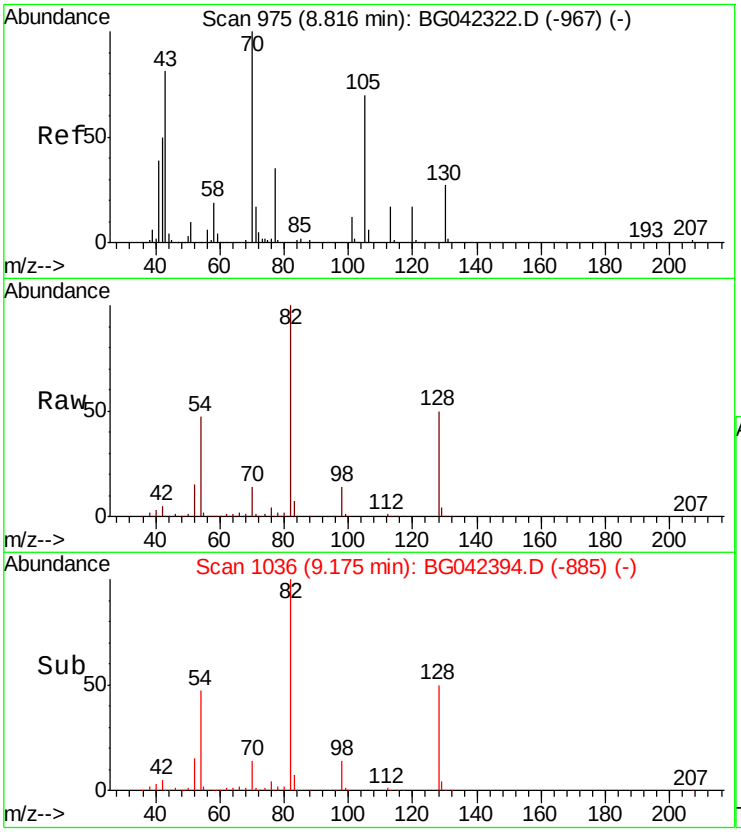


#18
Hexachloroethane
Concen: 3.259 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.02 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion:117 Resp: 5697

Ion	Ratio	Lower	Upper
117	100		
119	225.7	77.6	116.4#
201	0.0	109.4	164.2#



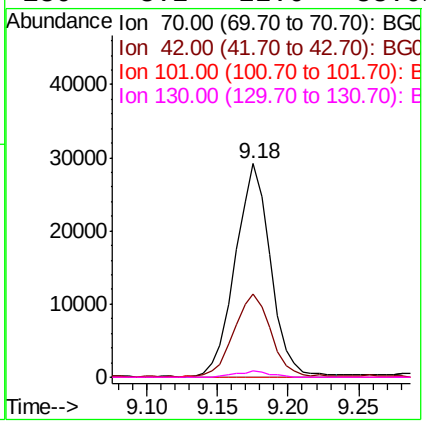


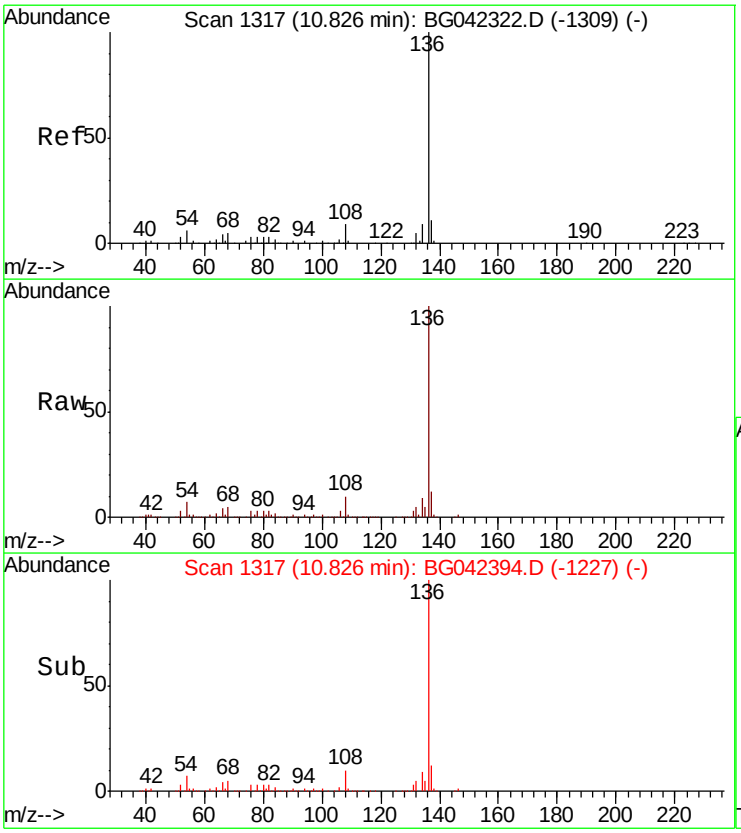
#19
n-Nitroso-di-n-propylamine
Concen: 18.021 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.36 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 51383

Ion	Ratio	Lower	Upper
70	100		
42	39.1	40.5	60.7#
101	0.0	9.3	13.9#
130	3.2	22.0	33.0#

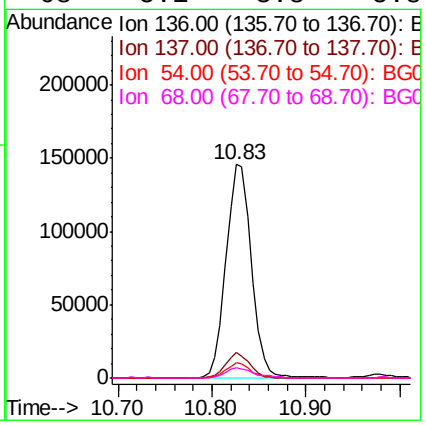


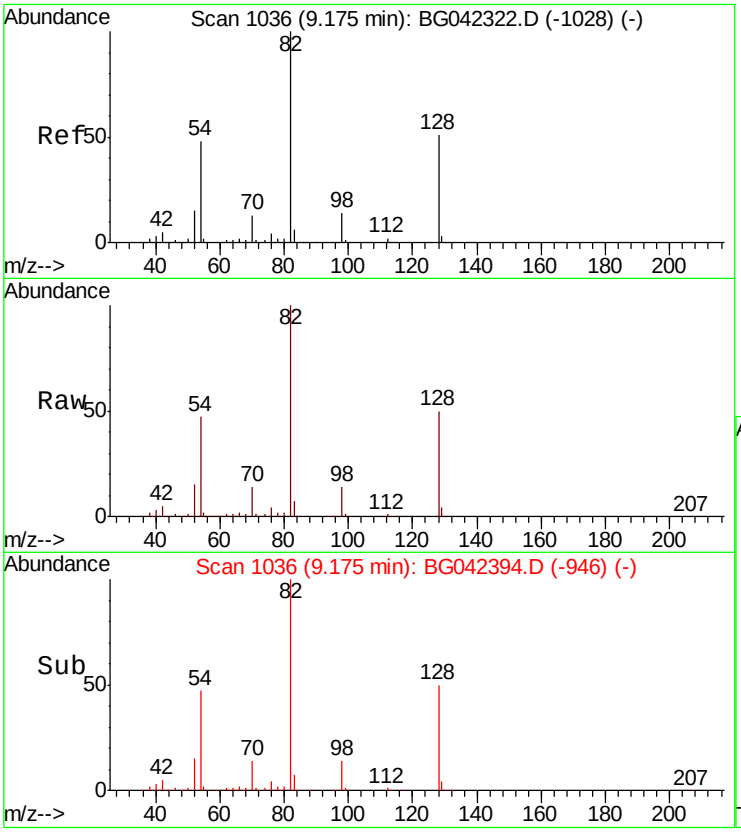


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion:136 Resp: 272716

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.4	12.6
54	7.1	5.0	7.4
68	5.1	3.8	5.8



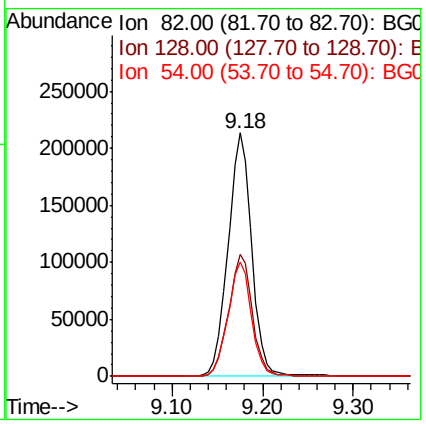


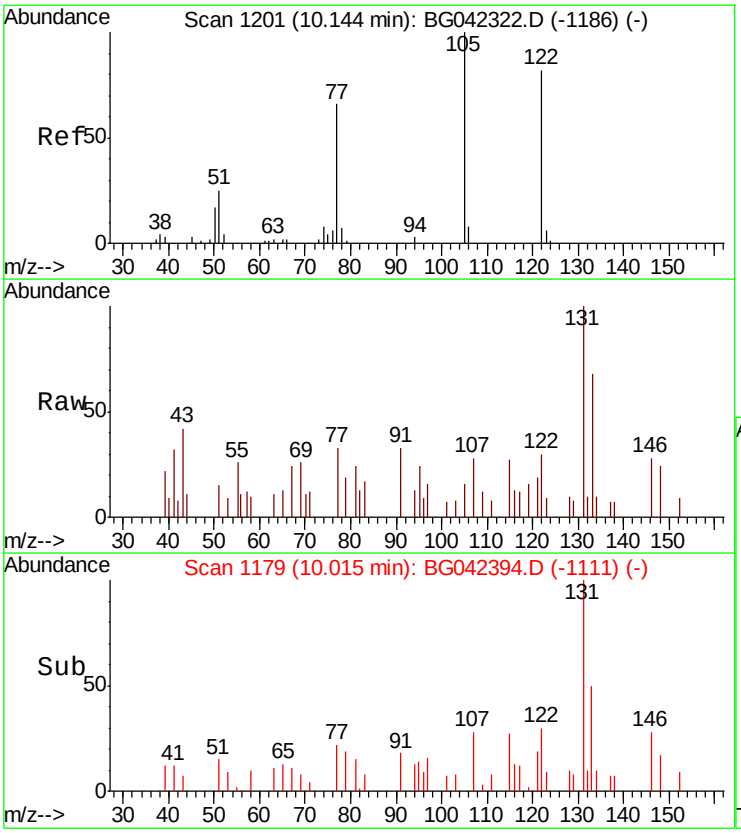
#23
Nitrobenzene-d5
Concen: 100.165 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 388388

Ion	Ratio	Lower	Upper
82	100		
128	50.0	41.0	61.4
54	46.9	38.0	57.0

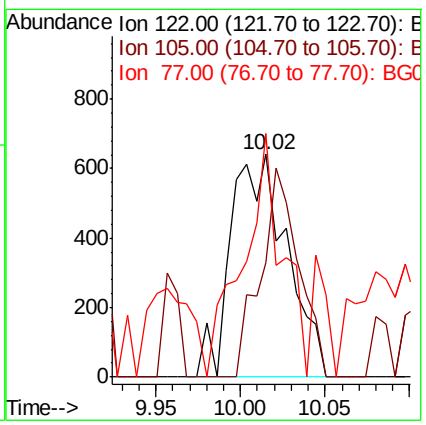


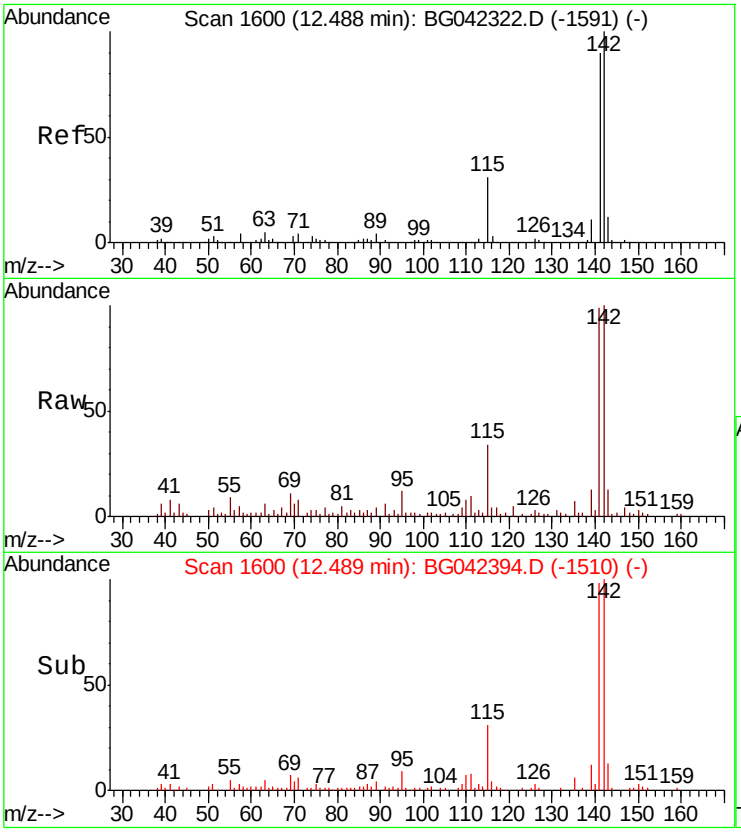


#32
Benzoic acid
Concen: 8.278 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.13 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion:122 Resp: 1473

Ion	Ratio	Lower	Upper
122	100		
105	51.5	97.7	137.7#
77	109.4	58.4	98.4#



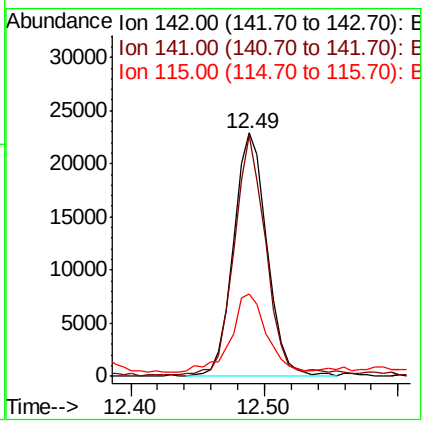


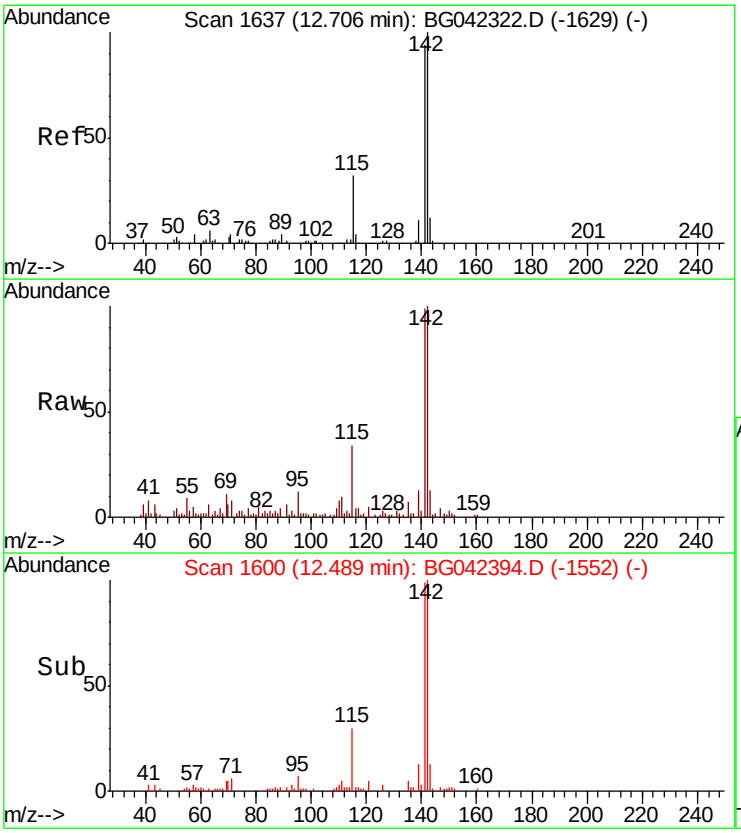
#37
2-Methylnaphthalene
Concen: 3.924 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 39755

Ion	Ratio	Lower	Upper
142	100		
141	99.0	72.1	108.1
115	34.1	24.4	36.6

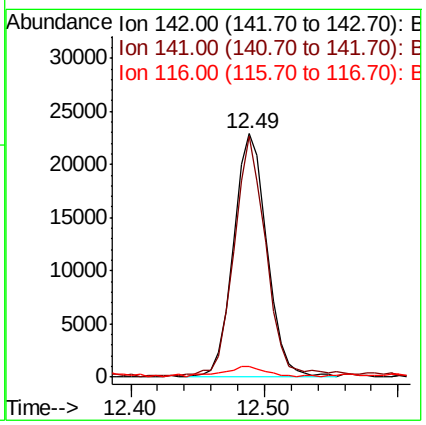


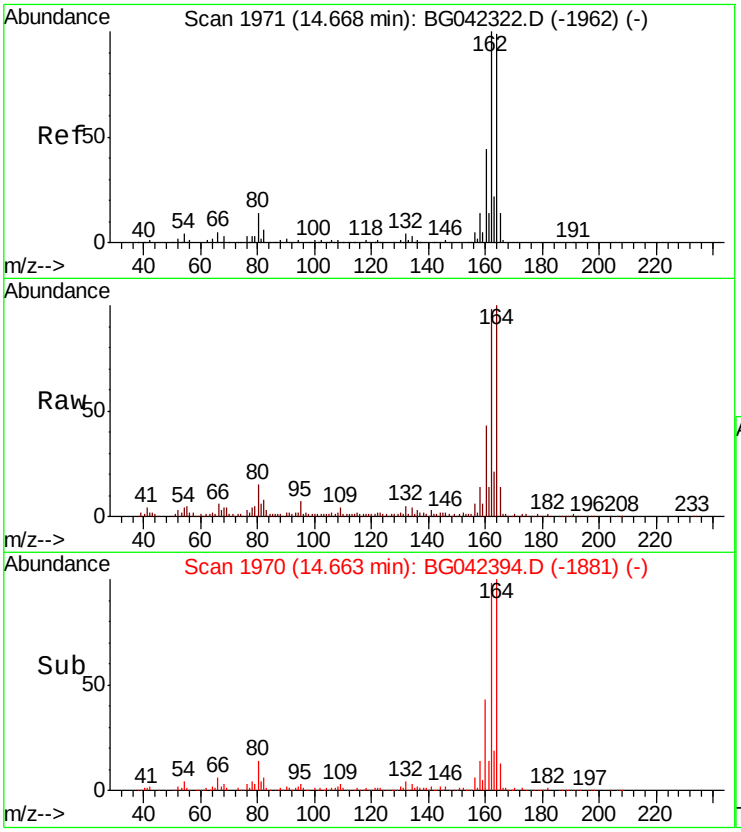


#38
1-Methylnaphthalene
Concen: 4.120 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.22 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion:142 Resp: 39755

Ion	Ratio	Lower	Upper
142	100		
141	99.0	75.1	112.7
116	4.3	3.0	4.6



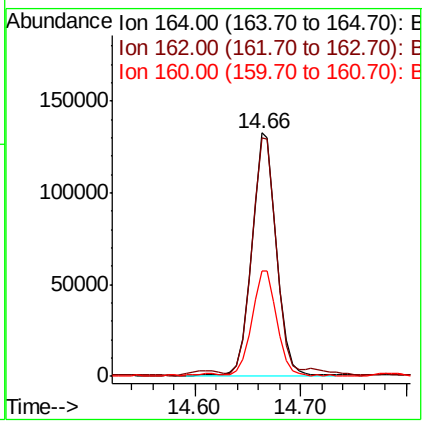


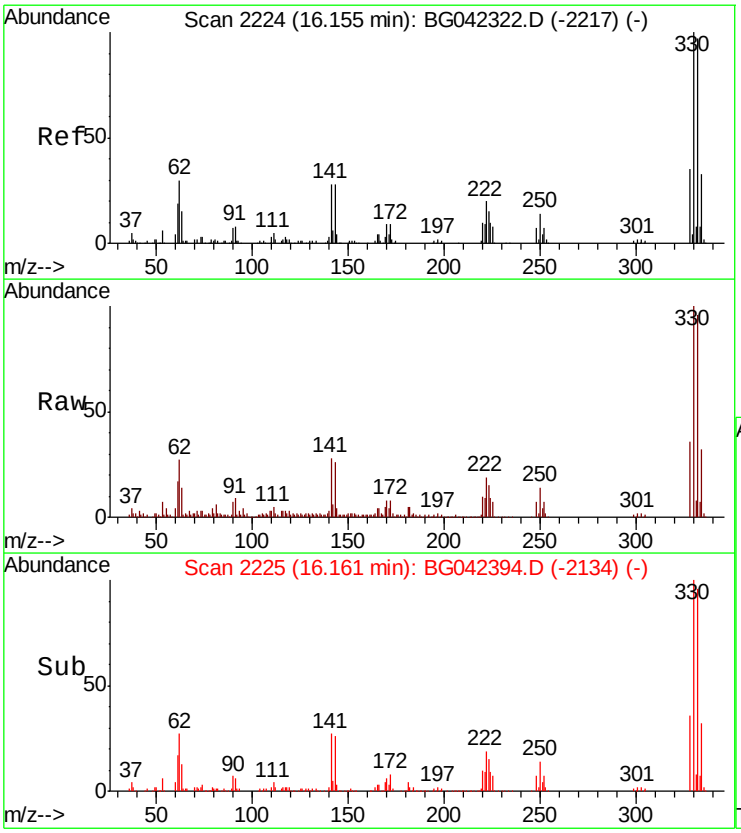
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 212829

Ion	Ratio	Lower	Upper
164	100		
162	97.7	80.6	120.8
160	43.2	35.7	53.5

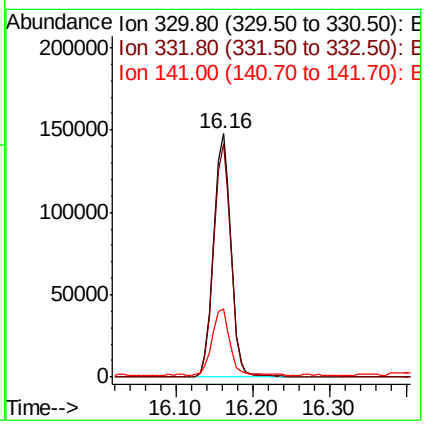


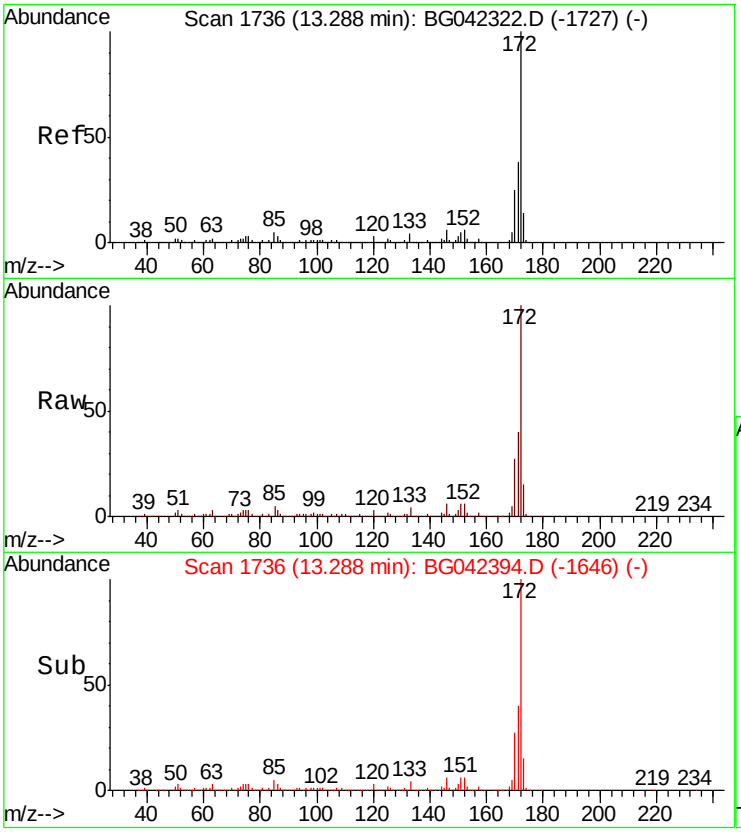


#42
2,4,6-Tribromophenol
Concen: 78.957 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion:330 Resp: 228870

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	26.7	21.8	32.6



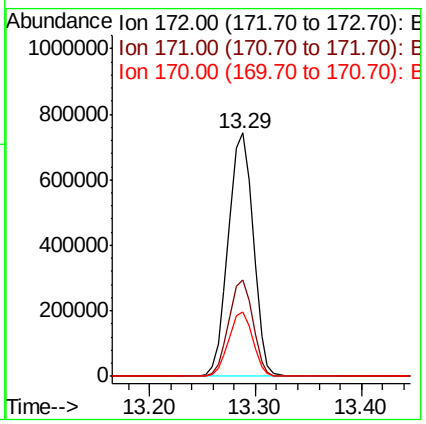


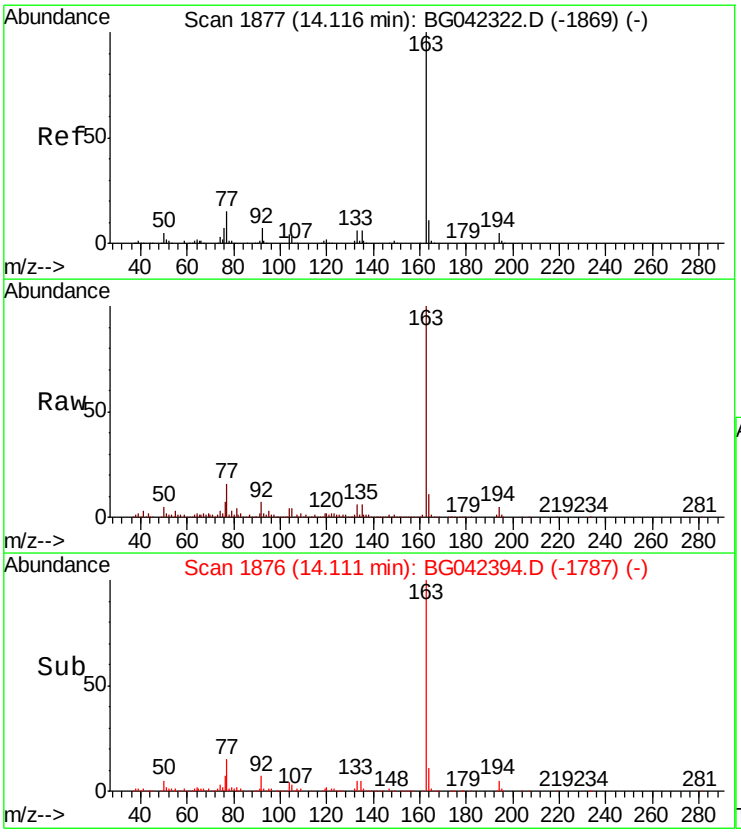
#45
2-Fluorobiphenyl
Concen: 96.390 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1212328

Ion	Ratio	Lower	Upper
172	100		
171	39.7	30.3	45.5
170	26.6	20.0	30.0

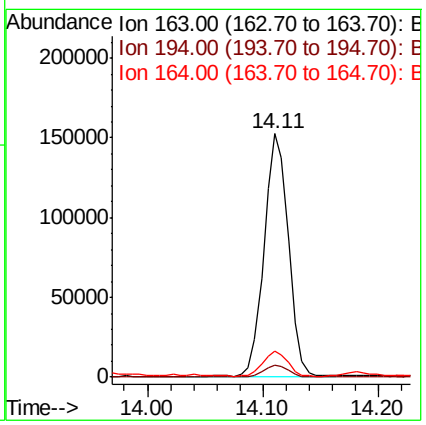


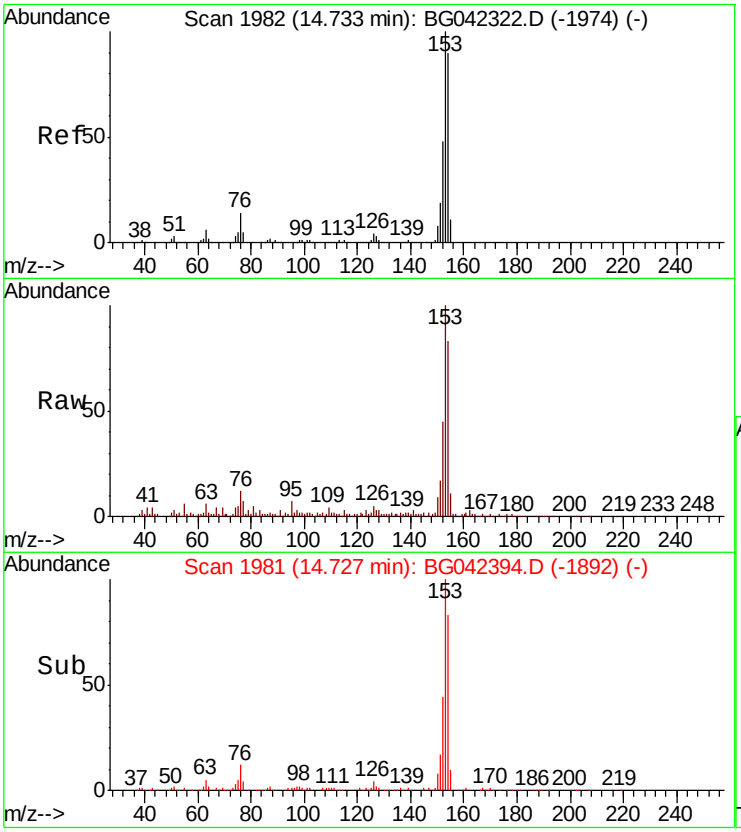


#50
Dimethylphthalate
Concen: 14.783 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion:163 Resp: 223559

Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	10.8	8.8	13.2



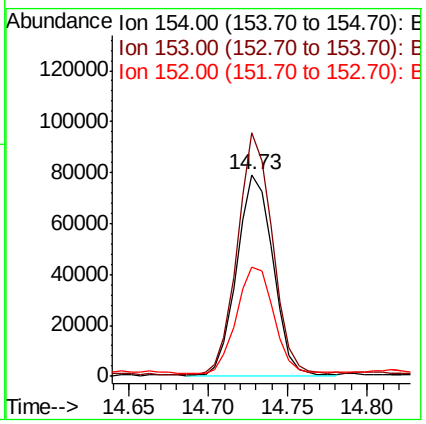


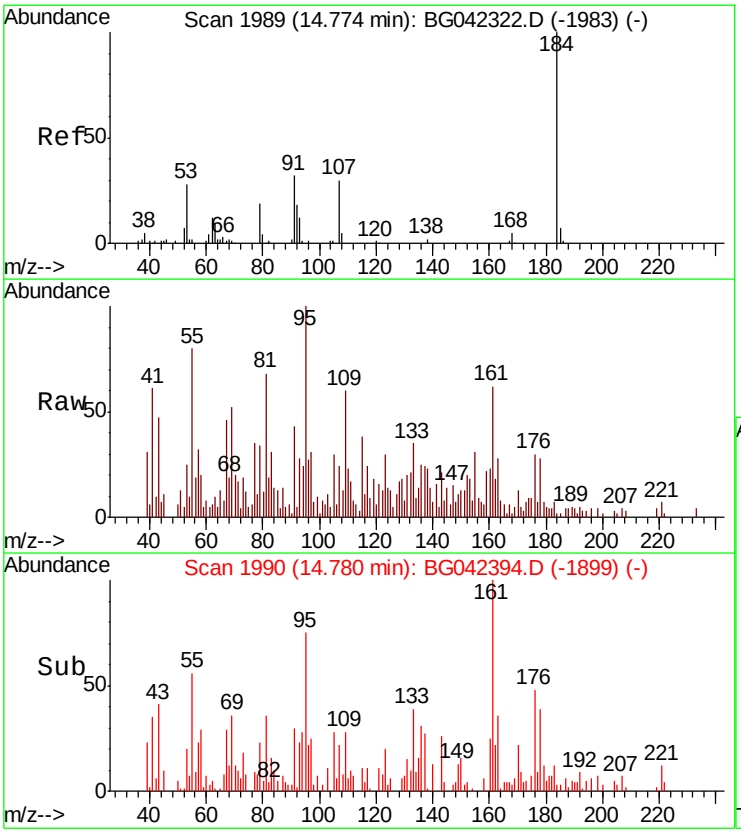
#52
Acenaphthene
Concen: 11.418 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 123953

Ion	Ratio	Lower	Upper
154	100		
153	120.8	89.4	134.0
152	54.0	43.1	64.7

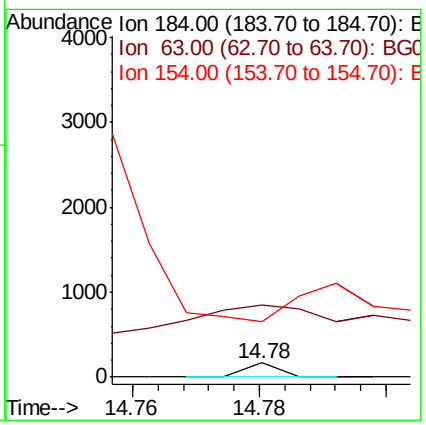


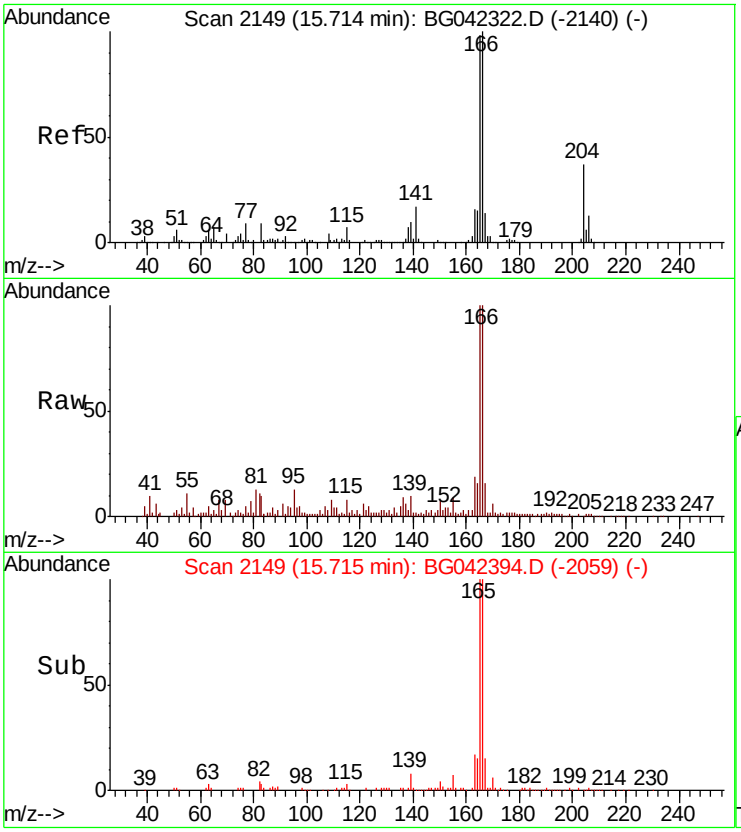


#54
2,4-Dinitrophenol
Concen: 6.536 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion:184 Resp: 60

Ion	Ratio	Lower	Upper
184	100		
63	503.5	30.2	45.4#
154	380.0	39.7	59.5#



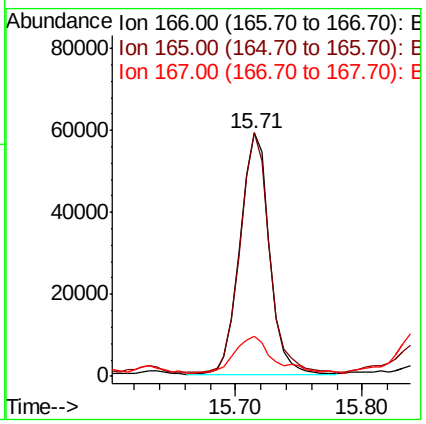


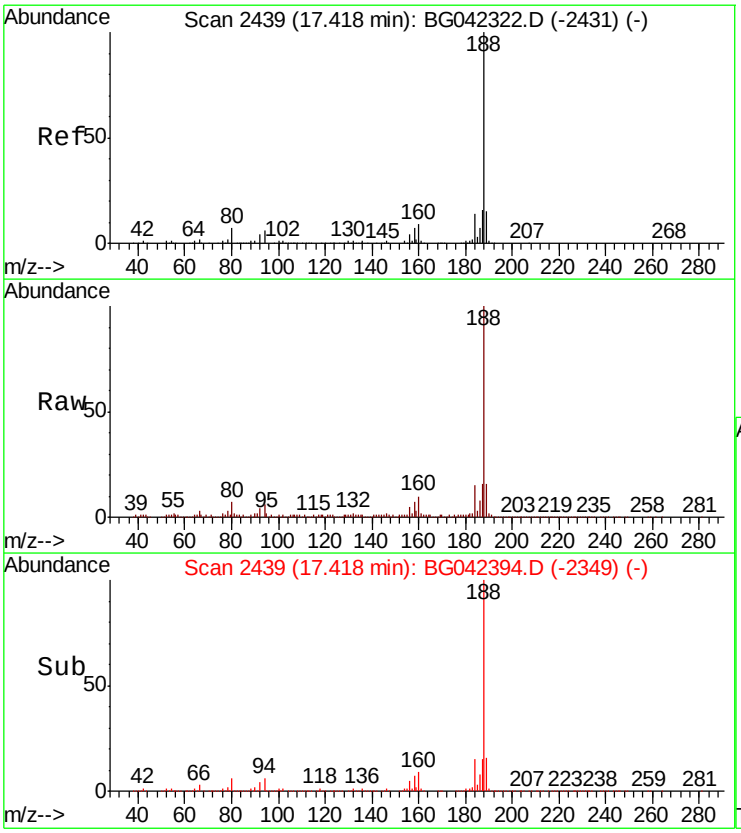
#58
Fluorene
Concen: 6.569 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 94487

Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.7	118.1
167	16.3	11.1	16.7

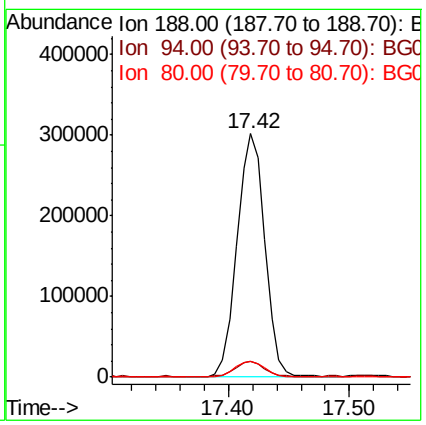


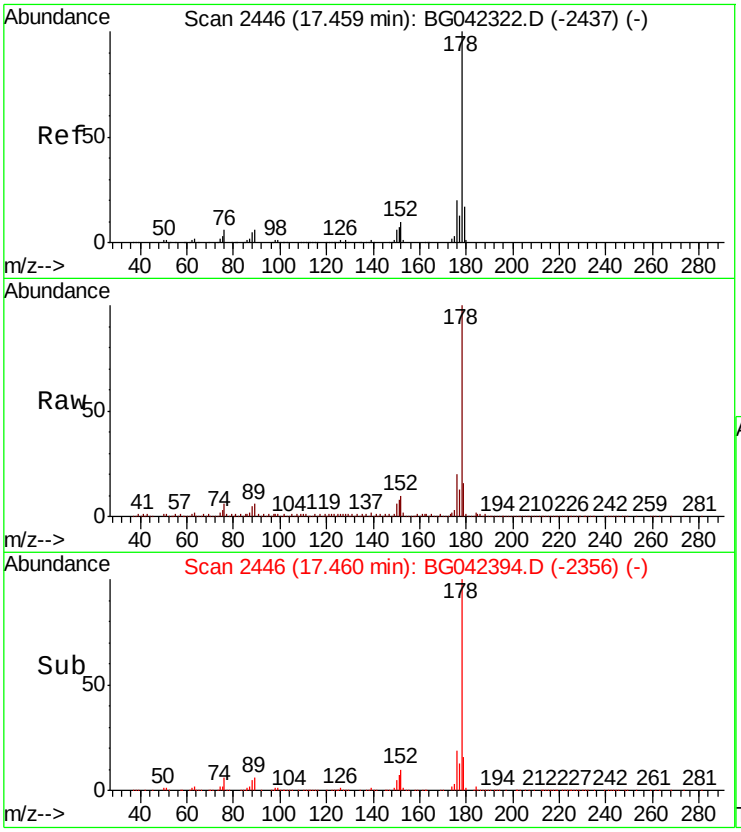


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion:188 Resp: 481183

Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.9	7.3
80	6.6	5.4	8.0



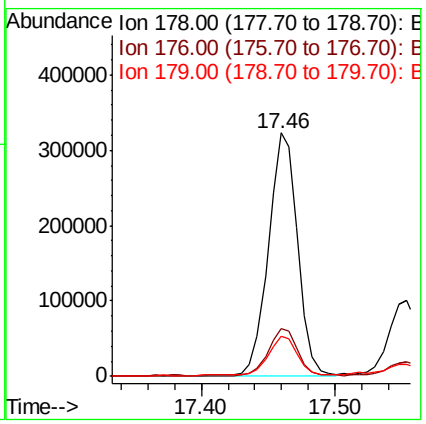


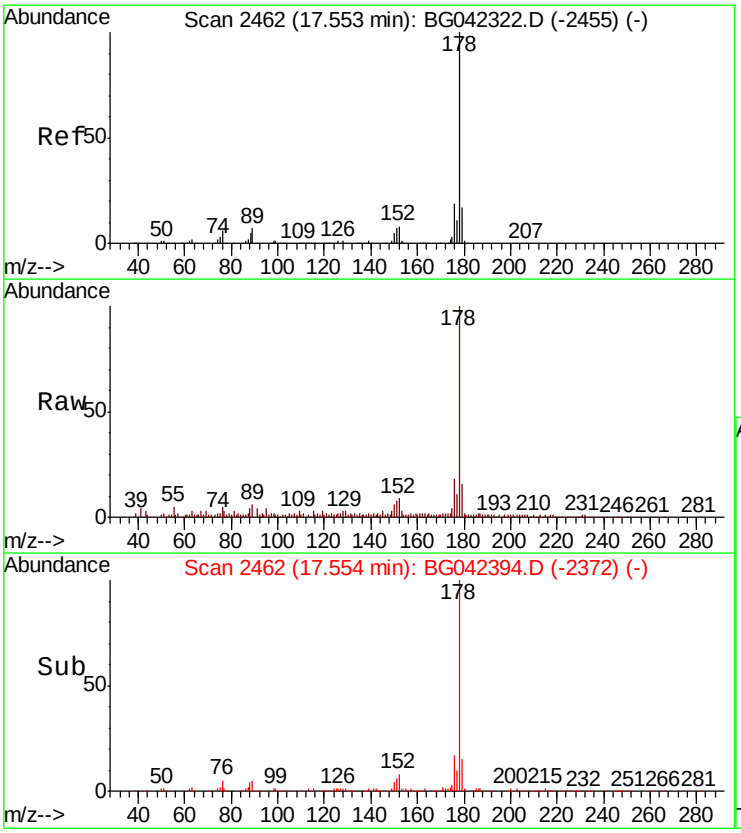
#71
Phenanthrene
Concen: 20.409 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 489095

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	16.3	13.7	20.5

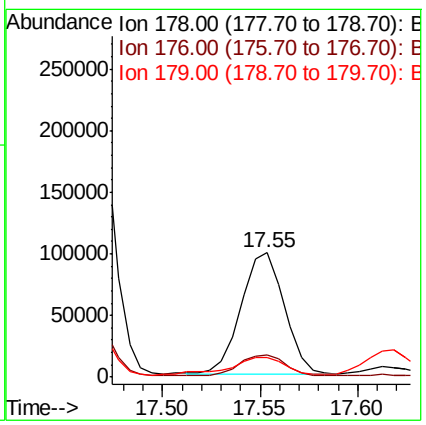


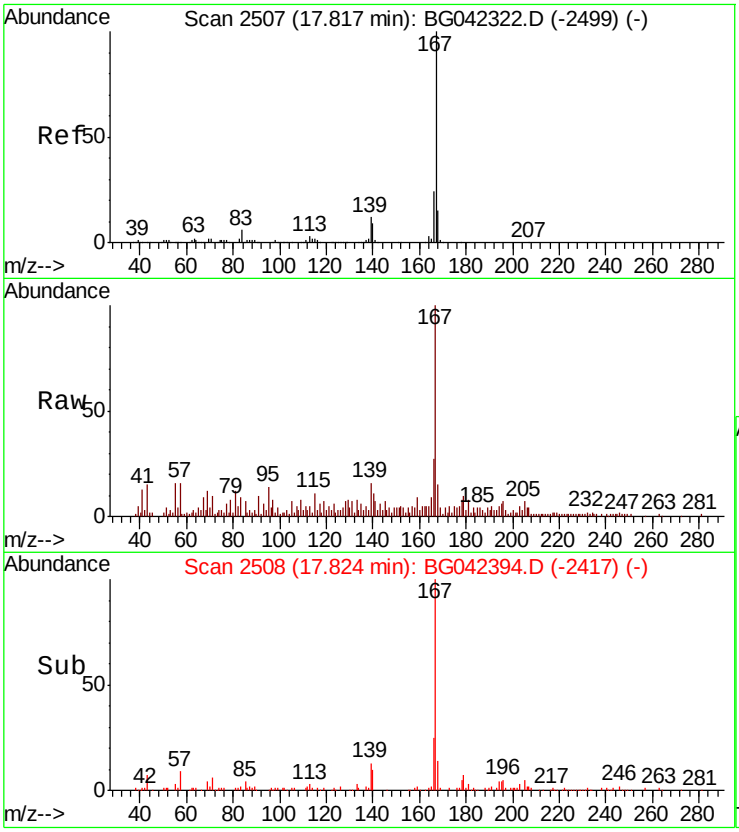


#72
Anthracene
Concen: 6.333 ng
RT: 17.55 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion:178 Resp: 151355

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	16.1	13.6	20.4



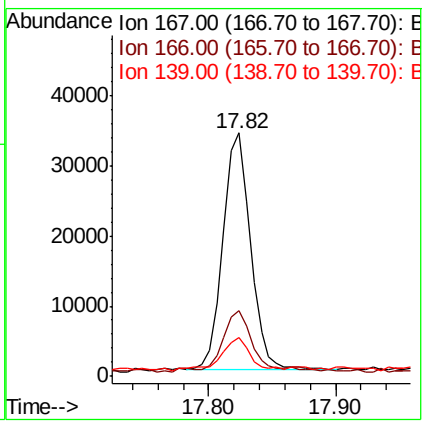


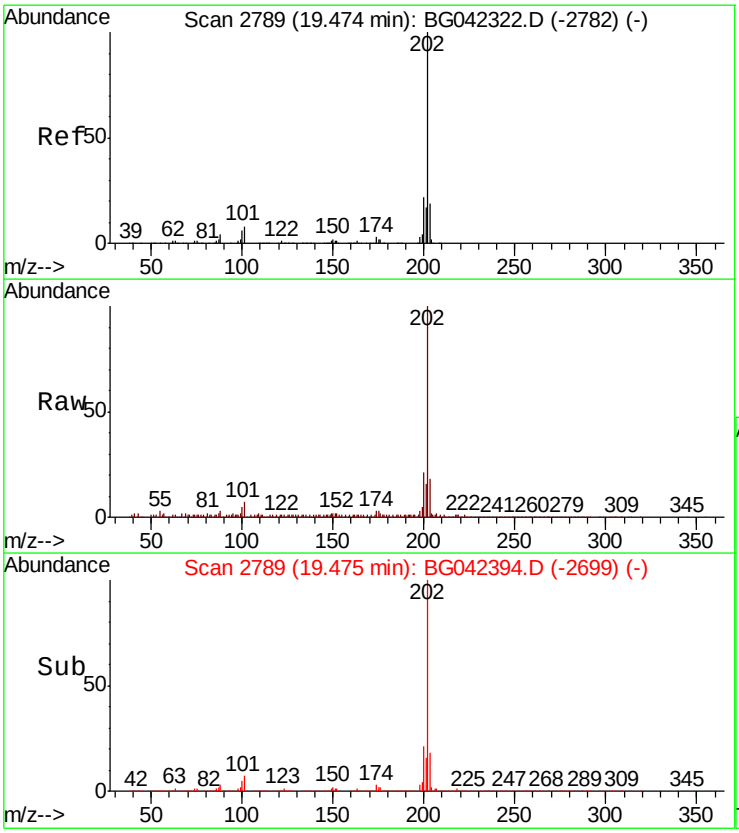
#73
Carbazole
Concen: 2.408 ng
RT: 17.82 min Scan# 2508
Delta R.T. 0.01 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 51126

Ion	Ratio	Lower	Upper
167	100		
166	26.8	19.0	28.6
139	16.1	9.7	14.5#

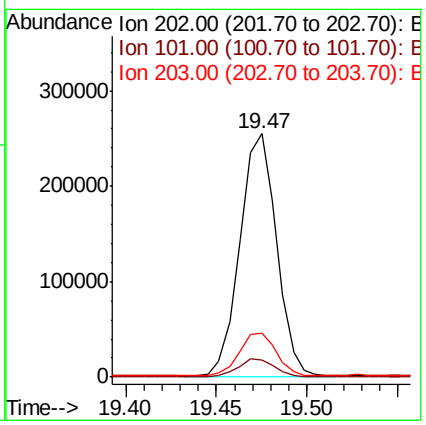


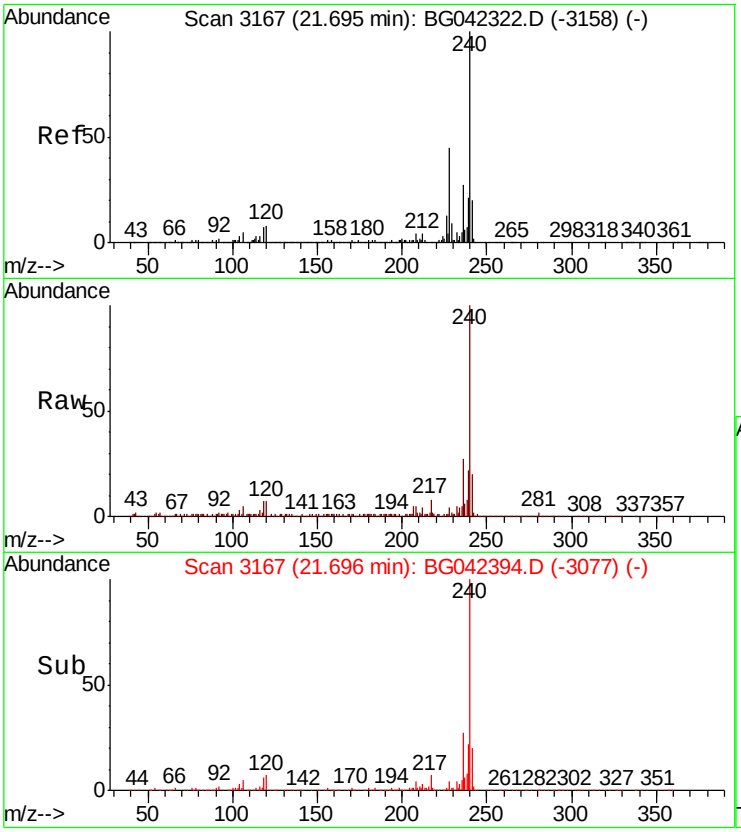


#75
Fluoranthene
Concen: 12.355 ng
RT: 19.47 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion:202 Resp: 357038

Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	28.0
203	18.2	0.0	39.1



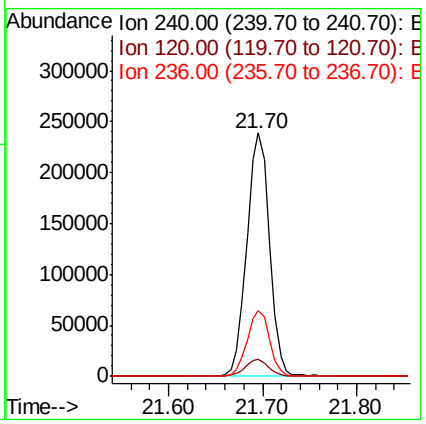


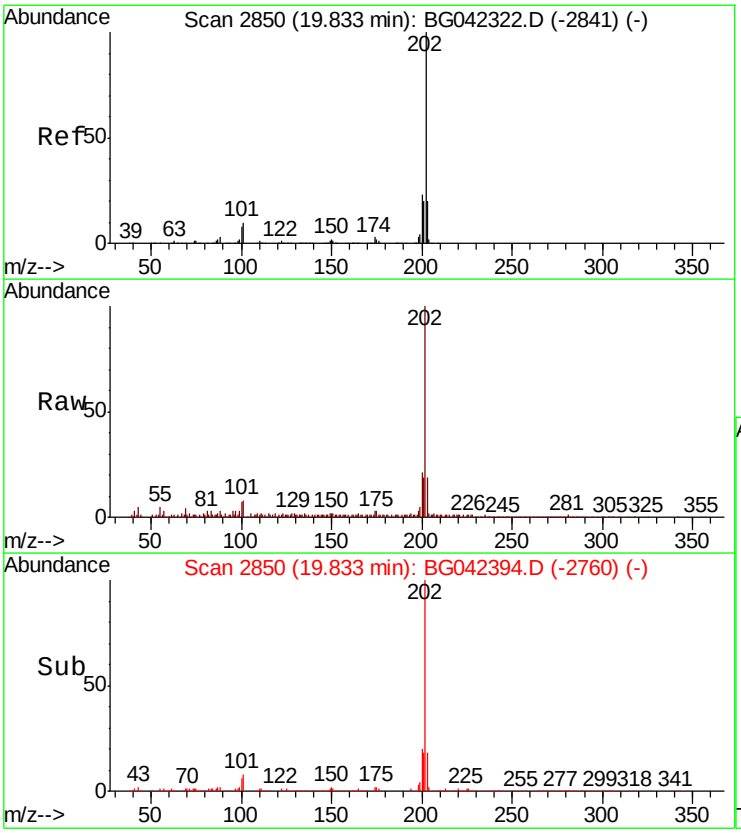
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 397160

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.0	9.0
236	27.1	21.6	32.4

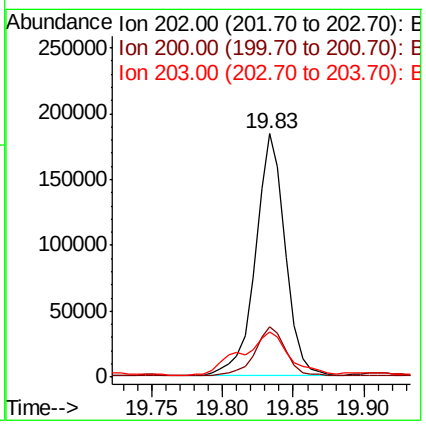


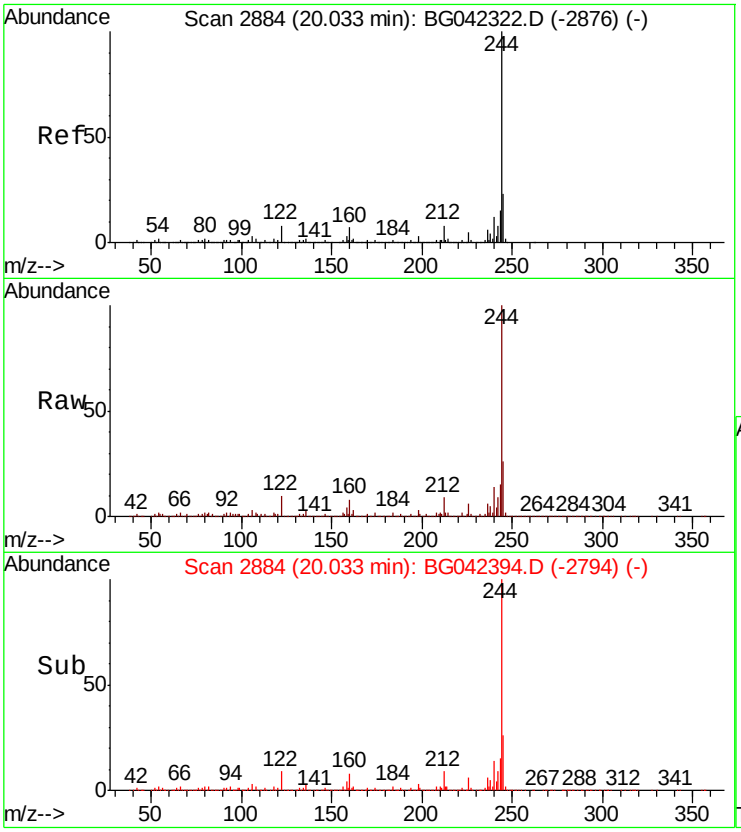


#78
Pyrene
Concen: 11.154 ng
RT: 19.83 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion:202 Resp: 272590

Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.1	27.1
203	18.6	15.8	23.8



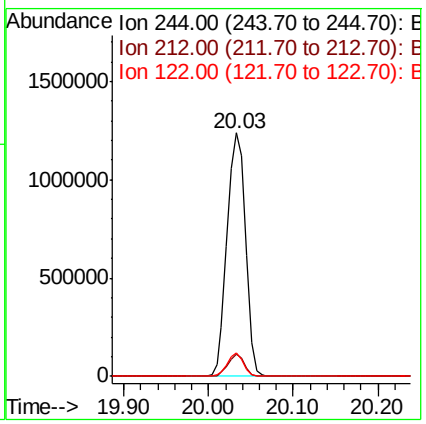


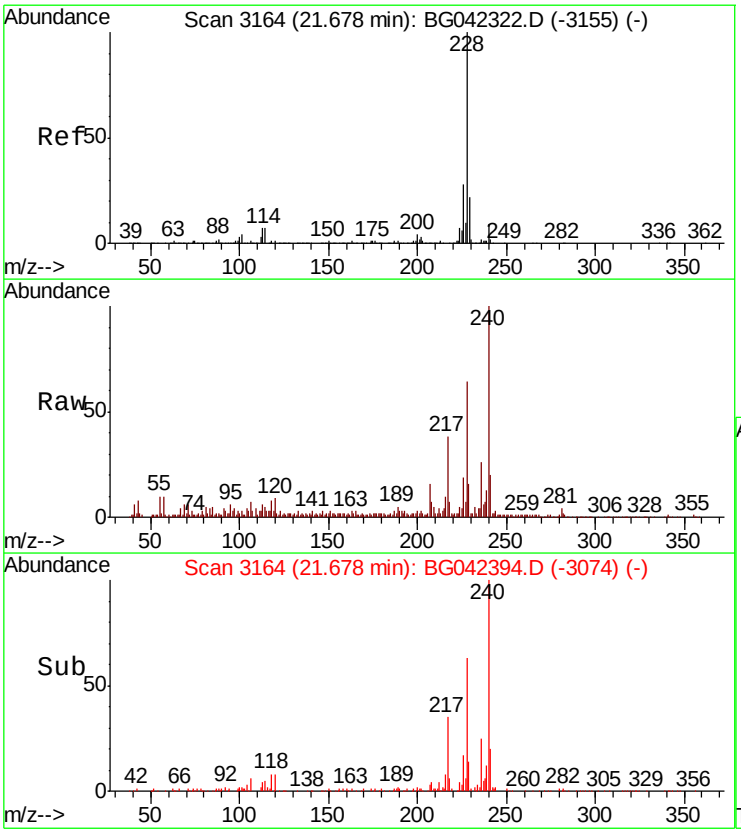
#79
Terphenyl-d14
Concen: 101.911 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1847935

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.4	9.6
122	9.5	6.6	10.0

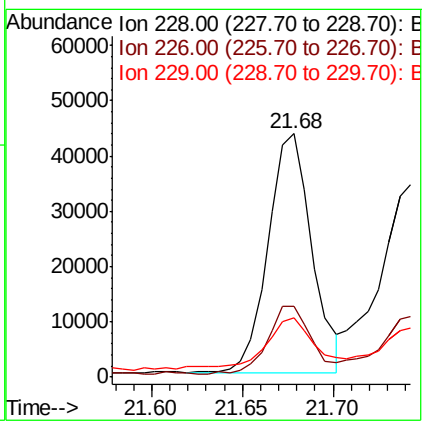


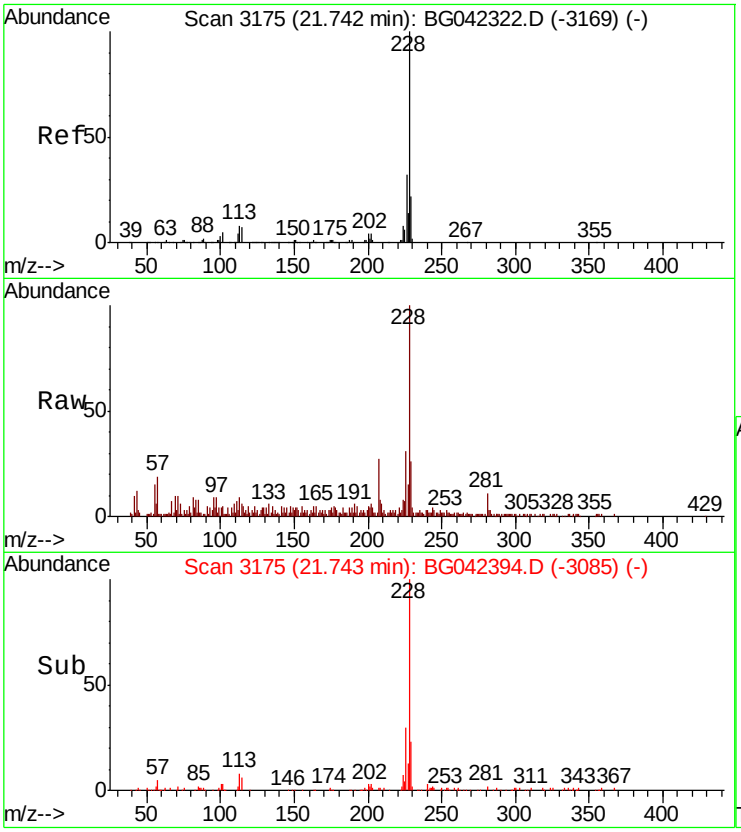


#81
Benzo(a)anthracene
Concen: 2.986 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion:228 Resp: 72833

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	24.6	17.4	26.2



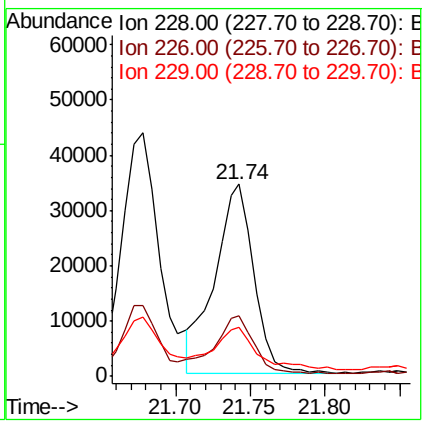


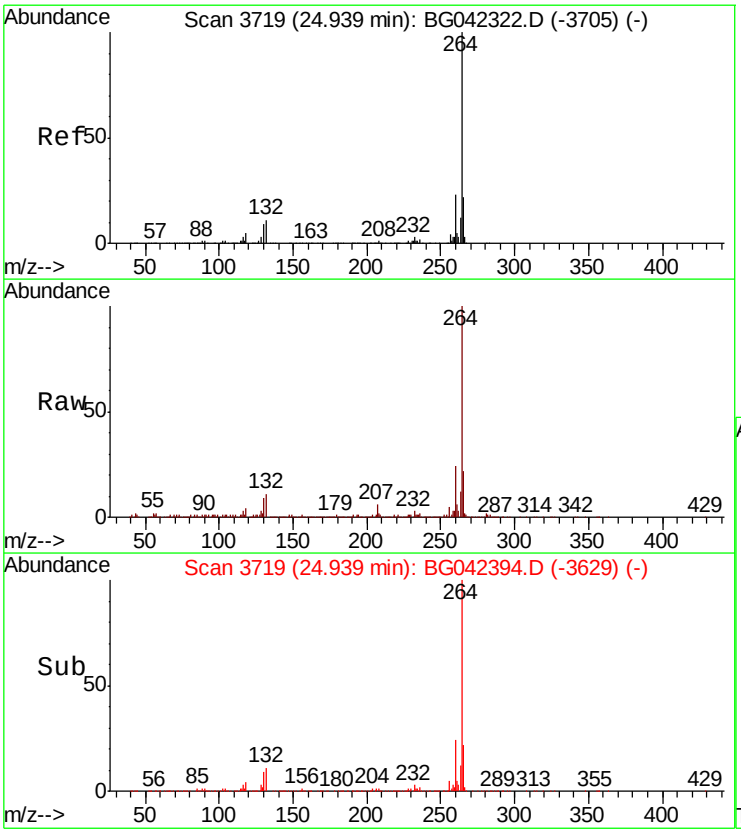
#83
Chrysene
Concen: 2.677 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 62454

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.6	38.4
229	25.6	17.8	26.6

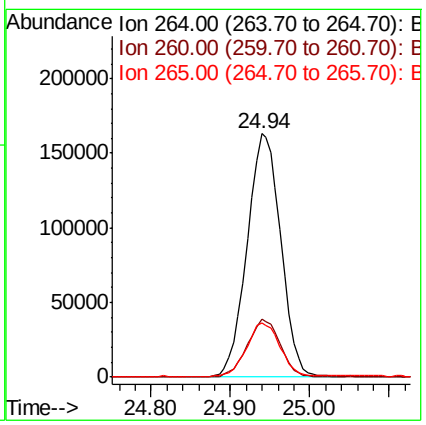


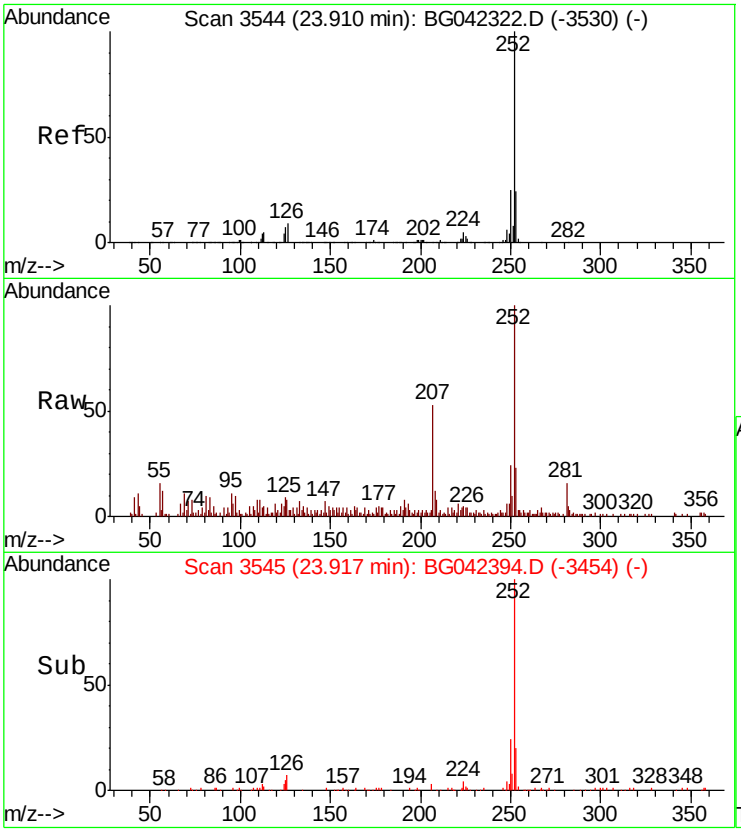


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion:264 Resp: 480058

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	22.2	17.4	26.0



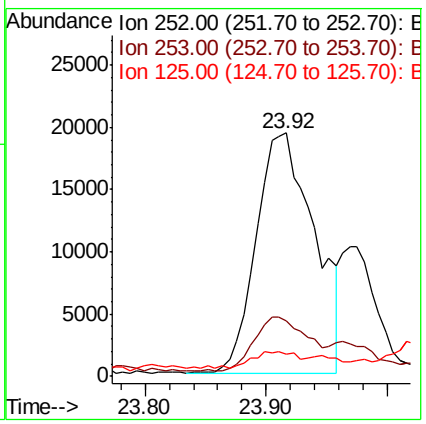


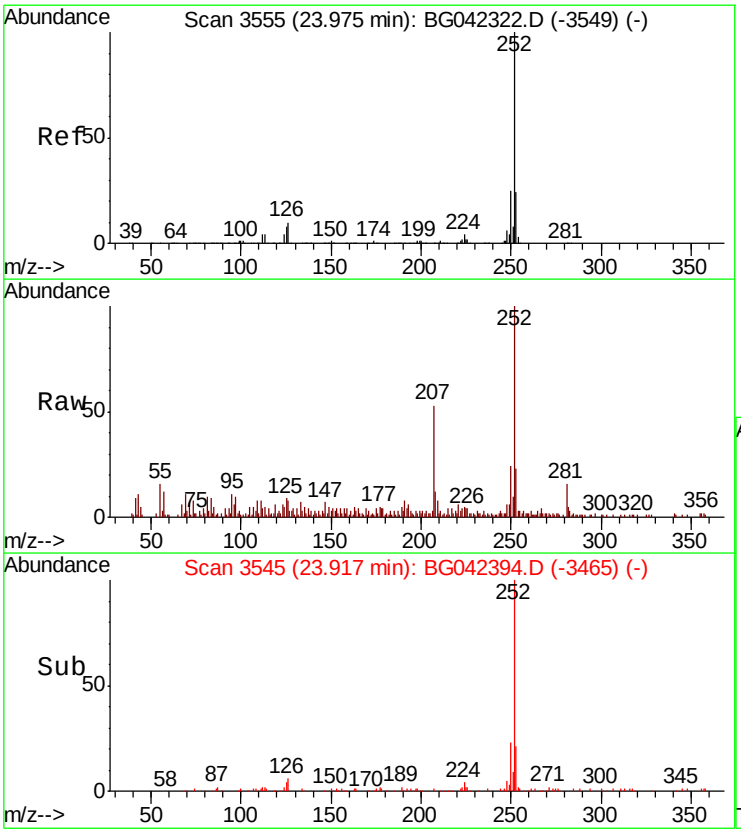
#88
Benzo(b)fluoranthene
Concen: 2.441 ng
RT: 23.92 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 64421

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.9	28.3
125	8.9	5.8	8.6#





#89
Benzo(k)fluoranthene
Concen: 2.498 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.06 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion:252 Resp: 64421

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.0	28.4
125	8.9	6.0	9.0