Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044513.D
Acq On : 20 Feb 2020 7:51
Operator : CG/JU
Sample : L1573-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 20 10:21:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	64218	20.00	ng		-0.02
21) Naphthalene-d8	10.69	136	271601	20.00	ng		-0.01
39) Acenaphthene-d10	14.53	164	186075	20.00	ng		-0.01
64) Phenanthrene-d10	17.28	188	408324	20.00	ng		-0.01
76) Chrysene-d12	21.52	240	388472	20.00	ng		-0.02
87) Perylene-d12	24.60	264	424431	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	402697	110.67	ng		-0.01
7) Phenol-d6	7.07	99	530771	108.62	ng		-0.01
23) Nitrobenzene-d5	9.05	82	330527	68.70	ng		-0.02
42) 2,4,6-Tribromophenol	16.02	330	226412	103.65	ng		-0.01
45) 2-Fluorobiphenyl	13.15	172	790028	71.10	ng		-0.01
79) Terphenyl-d14	19.89	244	1241162	65.72	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.09	94	10993	2.273	ng	#	73
19) n-Nitroso-di-n-propylamine	9.05	70	41638	12.786	ng	#	76
31) Naphthalene	10.74	128	344593	26.151	ng		98
33) 4-Chloroaniline	10.74	127	46704	7.793	ng	#	37
37) 2-Methylnaphthalene	12.35	142	85574	8.747	ng		96
38) 1-Methylnaphthalene	12.57	142	41219	4.469	ng		97
46) 1,1'-Biphenyl	13.36	154	36905	2.750	ng		94
50) Dimethylphthalate	13.98	163	31973	2.390	ng		98
51) 2,6-Dinitrotoluene	14.53	165	26775	8.978	ng	#	30
52) Acenaphthene	14.59	154	213228	21.000	ng		98
55) Dibenzofuran	14.93	168	229511	14.929	ng		98
56) 4-Nitrophenol	14.93	139	81099	33.555	ng	#	12
58) Fluorene	15.58	166	206107	17.022	ng		99
67) 4-Bromophenyl-phenylether	16.02	248	15016	3.375	ng	#	1
71) Phenanthrene	17.32	178	1486836	75.197	ng		97
72) Anthracene	17.41	178	370932	18.975	ng		96
73) Carbazole	17.68	167	187525	10.406	ng		96
75) Fluoranthene	19.33	202	1421344	62.141	ng		98
78) Pyrene	19.69	202	1156893	46.373	ng		99
81) Benzo(a)anthracene	21.50	228	629858	26.308	ng		97
83) Chrysene	21.57	228	517112	22.345	ng		97
86) Indeno(1,2,3-cd)pyrene	28.08	276	290849	9.633	ng	#	93
88) Benzo(b)fluoranthene	23.63	252	683779	27.958	ng		98
89) Benzo(k)fluoranthene	23.63	252	683779	28.686	ng		98
90) Benzo(a)pyrene	24.45	252	498138	21.542	ng		99
92) Benzo(g,h,i)perylene	29.17	276	275646	12.032	ng		97

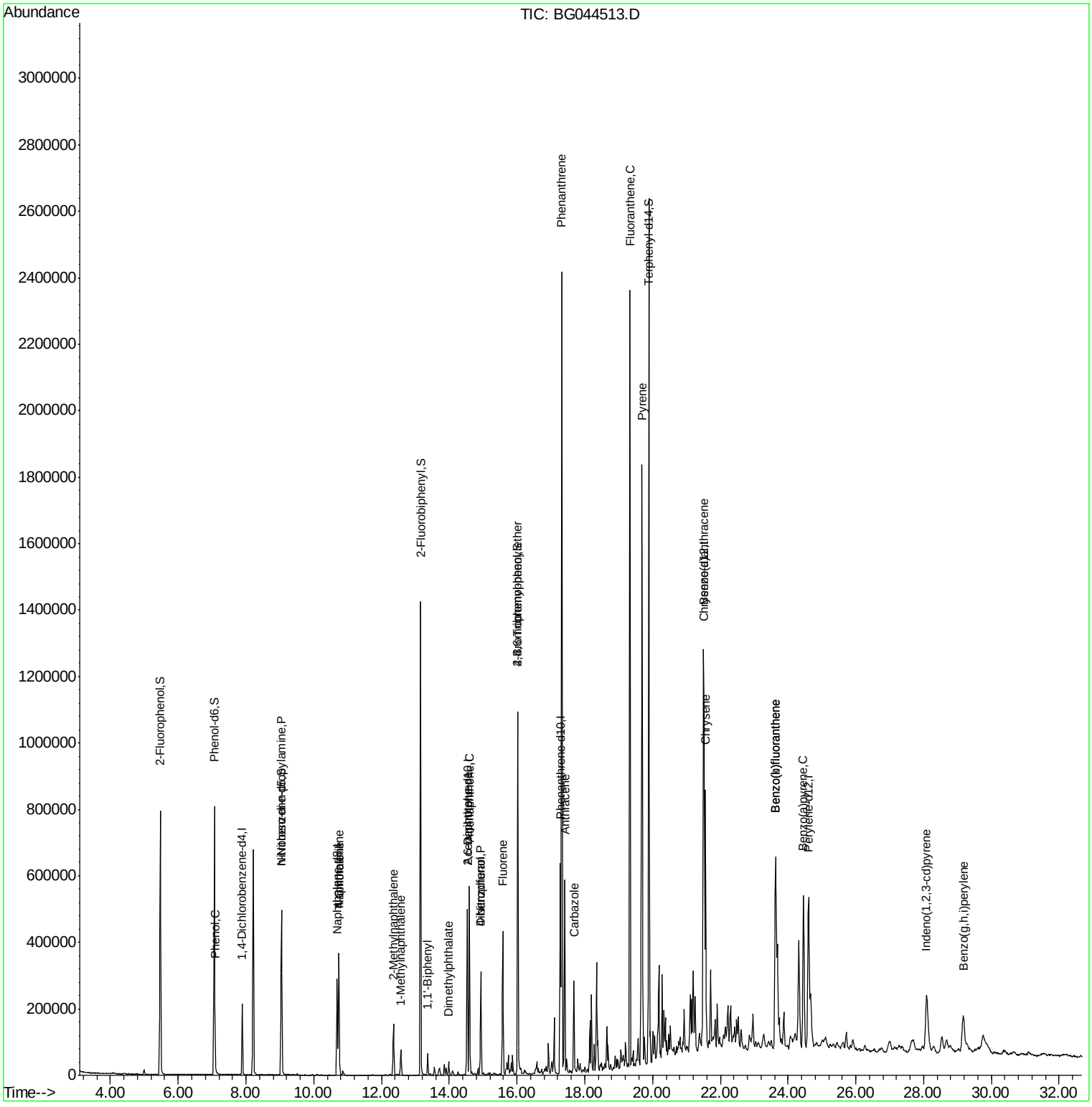
(#) = qualifier out of range (m) = manual integration (+) = signals summed

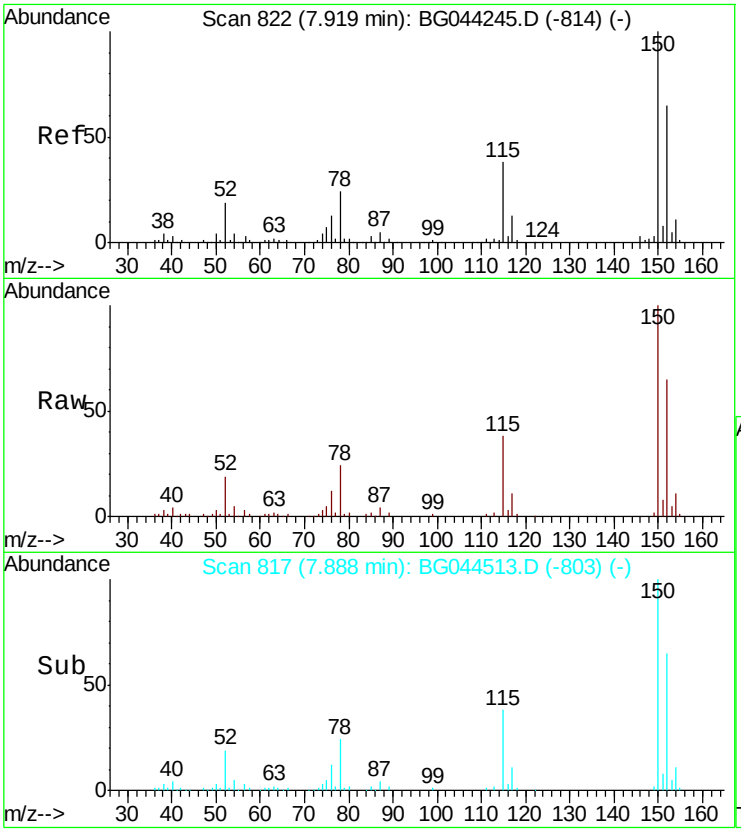
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044513.D
Acq On : 20 Feb 2020 7:51
Operator : CG/JU
Sample : L1573-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 20 10:21:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



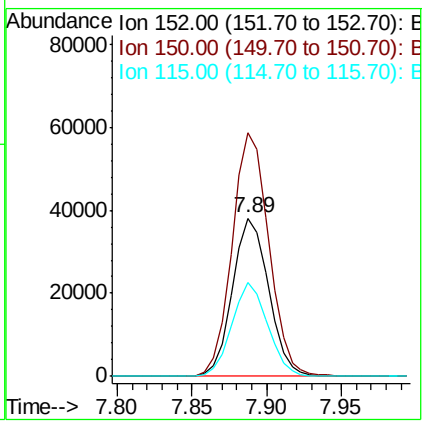


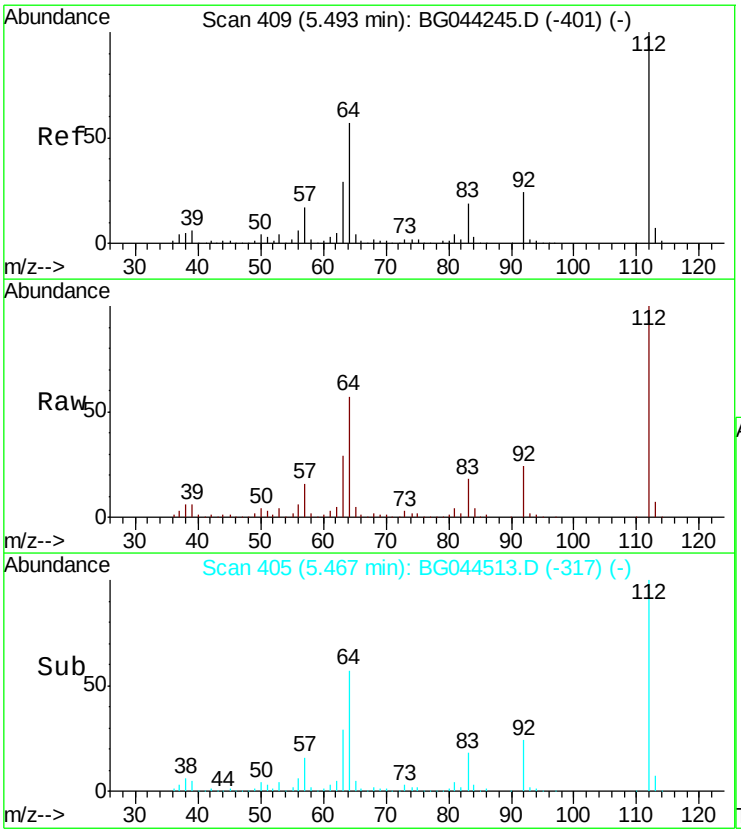
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 64218

Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.6	183.8
115	59.0	46.0	69.0

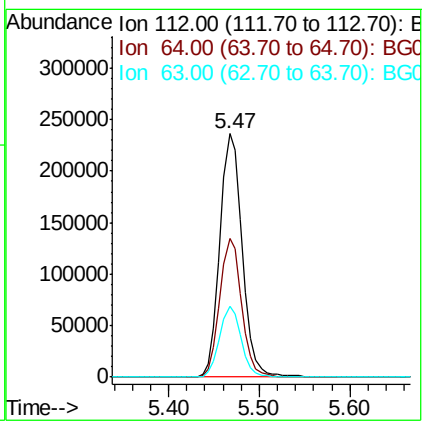


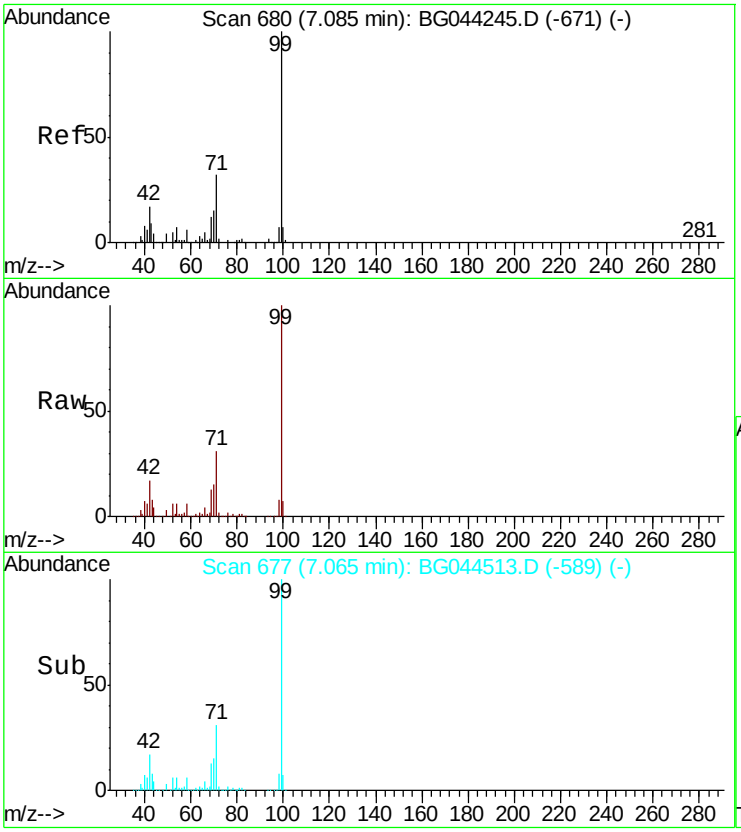


#5
2-Fluorophenol
Concen: 110.669 ng
RT: 5.47 min Scan# 405
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:112 Resp: 402697

Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.4	68.2
63	29.2	22.9	34.3



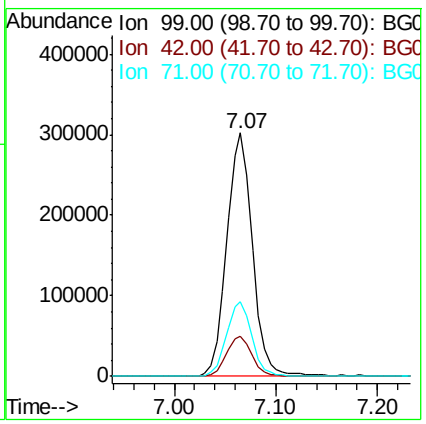


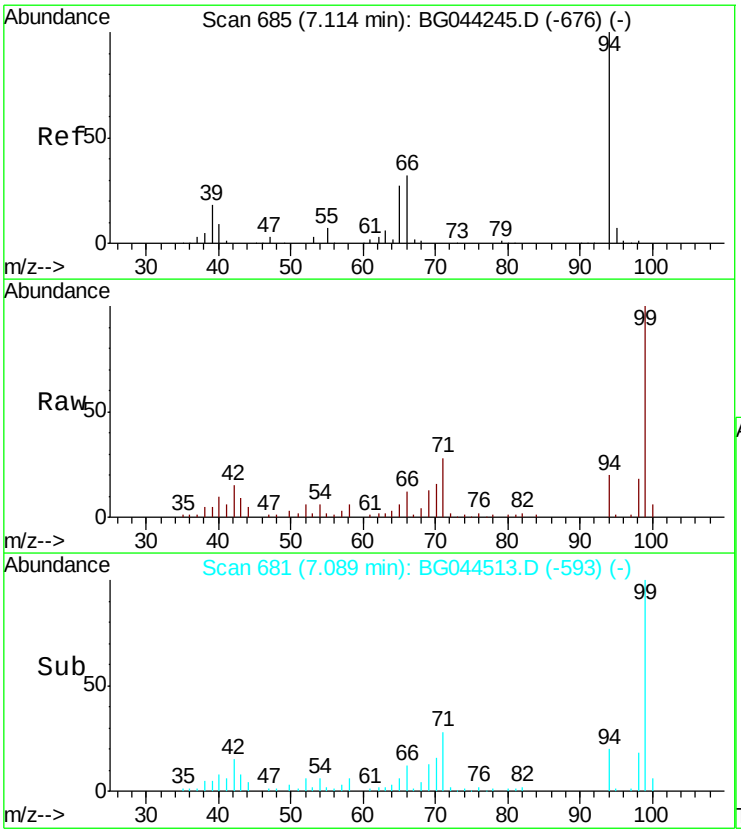
#7
Phenol-d6
Concen: 108.625 ng
RT: 7.07 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 530771

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.6
71	30.8	25.5	38.3

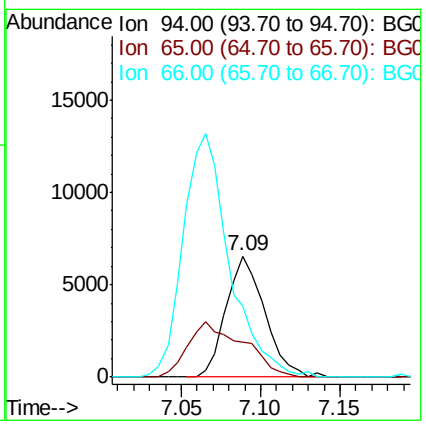


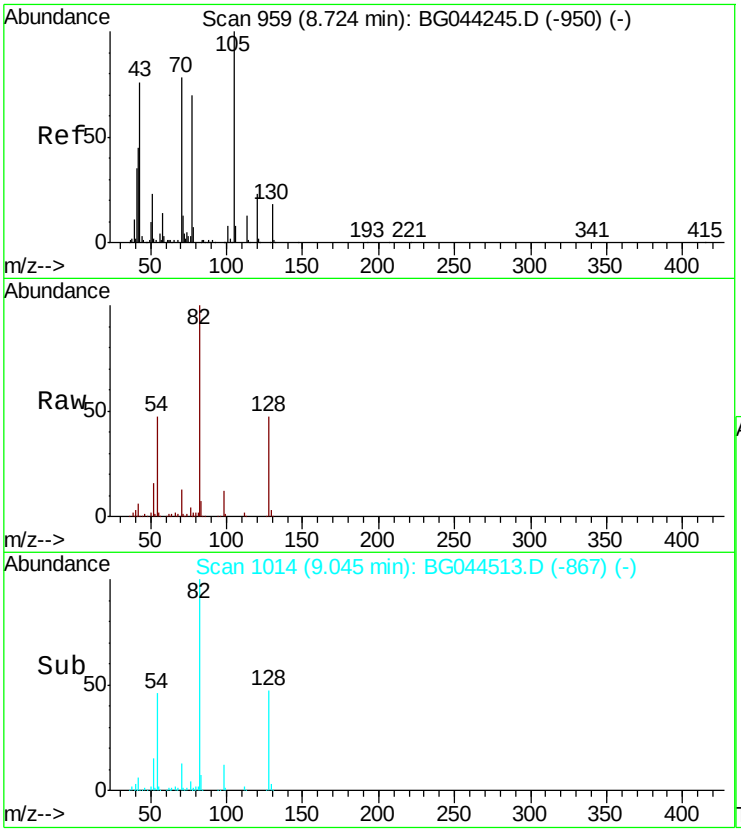


#10
Phenol
Concen: 2.273 ng
RT: 7.09 min Scan# 681
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion: 94 Resp: 10993

Ion	Ratio	Lower	Upper
94	100		
65	28.4	7.0	47.0
66	58.9	12.7	52.7#



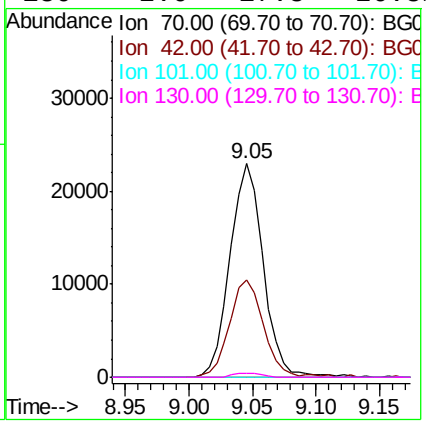


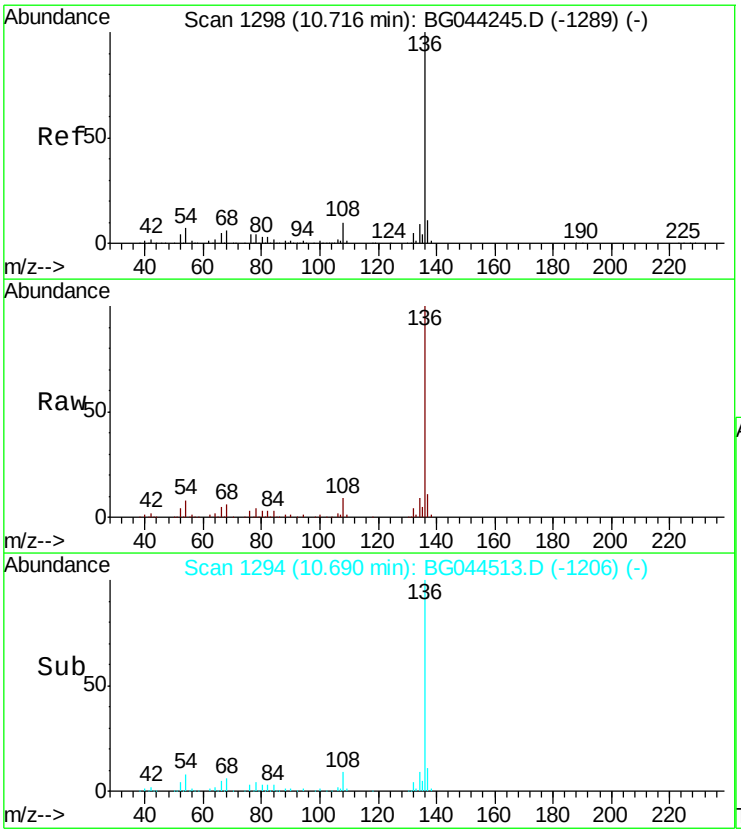
#19
n-Nitroso-di-n-propylamine
Concen: 12.786 ng
RT: 9.05 min Scan# 1014
Delta R.T. 0.33 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 41638

Ion	Ratio	Lower	Upper
70	100		
42	45.4	46.2	69.2#
101	0.0	8.4	12.6#
130	2.0	17.8	26.8#

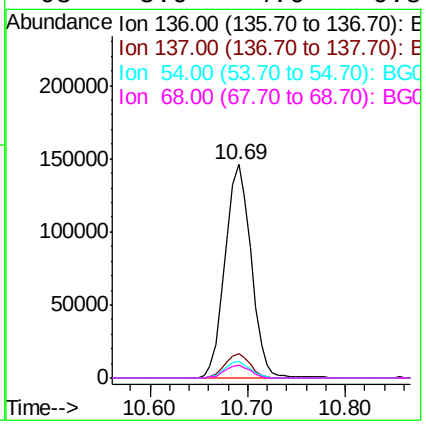


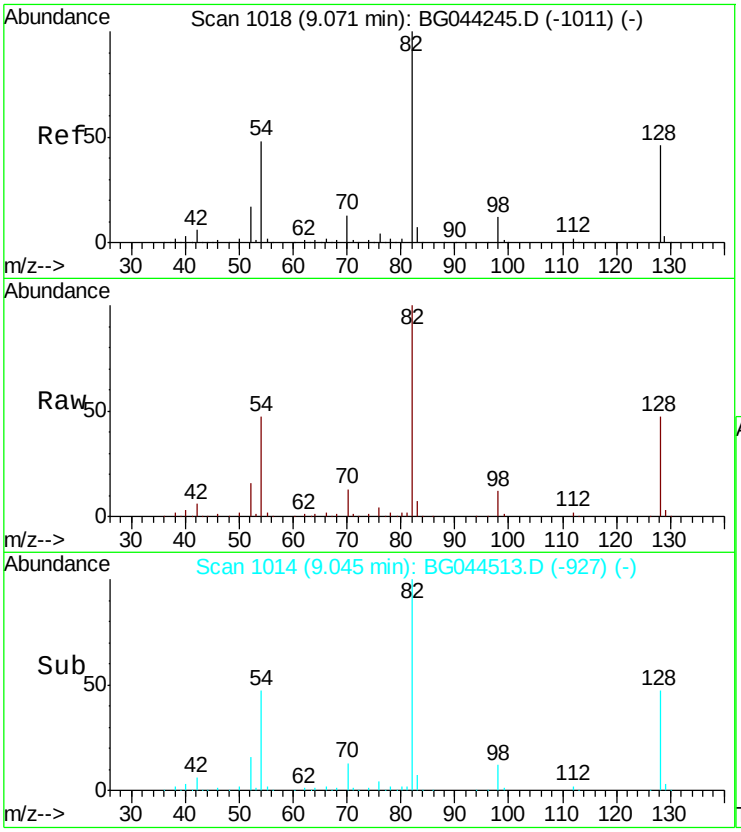


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:136 Resp: 271601

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.8	5.8	8.8
68	5.9	4.6	6.8



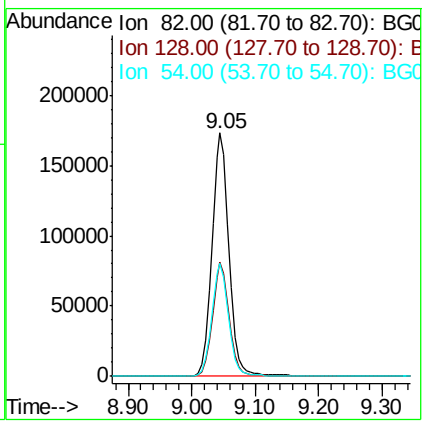


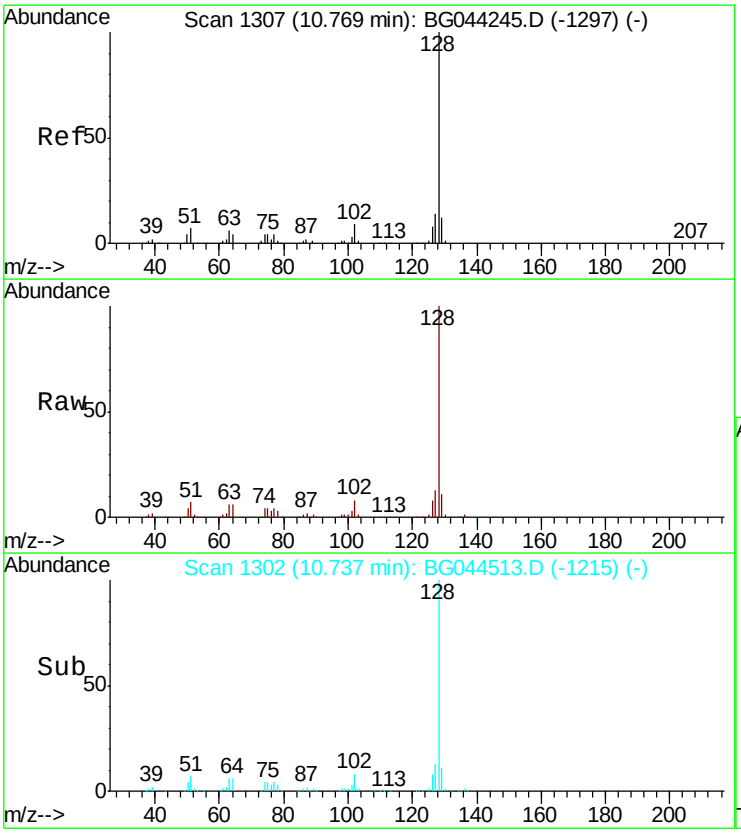
#23
Nitrobenzene-d5
Concen: 68.705 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 330527

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.5	54.7
54	46.7	38.6	58.0

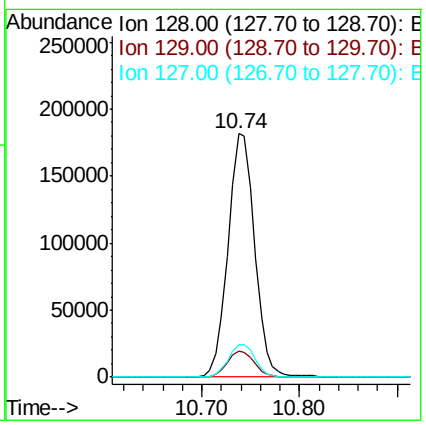


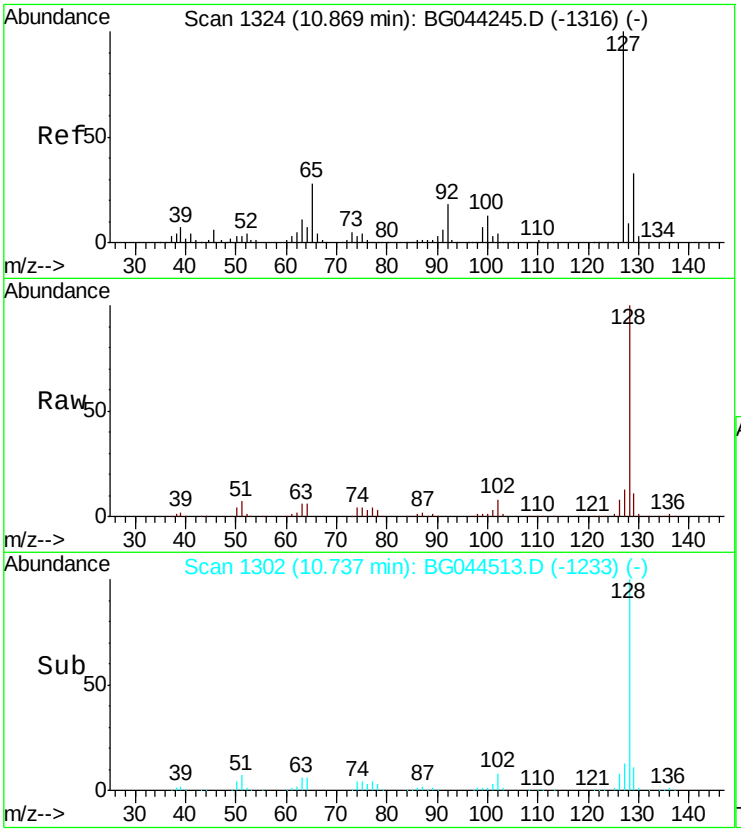


#31
Naphthalene
Concen: 26.151 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:128 Resp: 344593

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.3	13.9
127	13.4	11.6	17.4



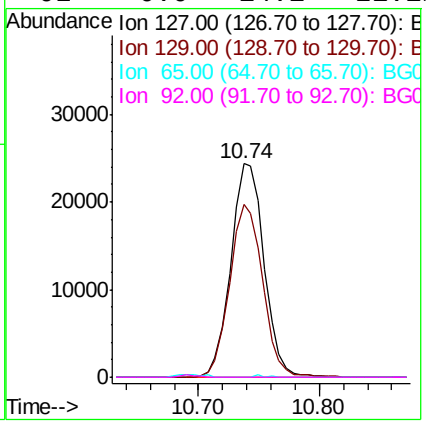


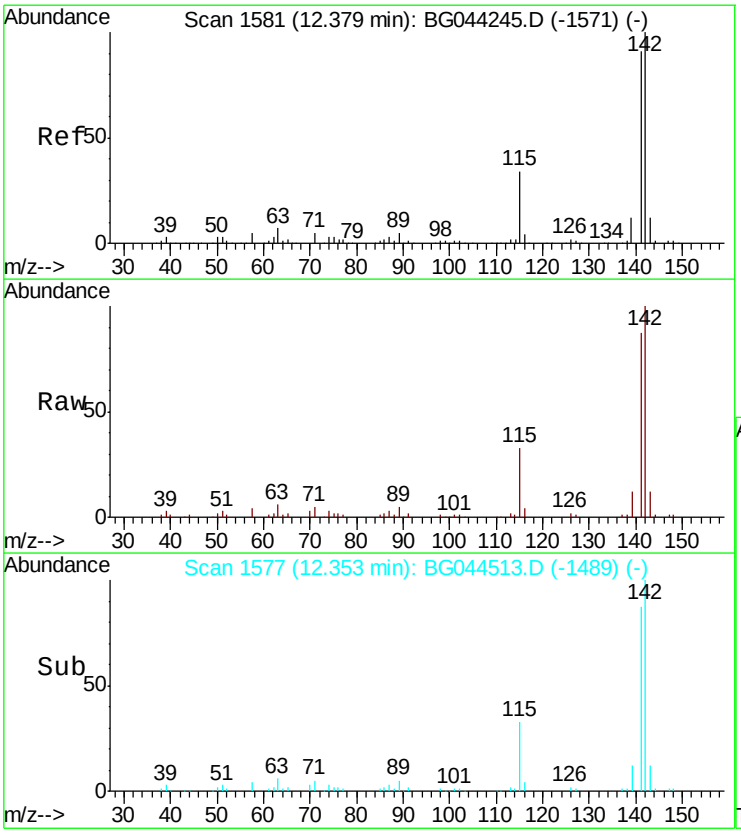
#33
4-Chloroaniline
Concen: 7.793 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.12 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 46704

Ion	Ratio	Lower	Upper
127	100		
129	81.1	26.6	40.0#
65	0.0	22.5	33.7#
92	0.0	14.1	21.1#

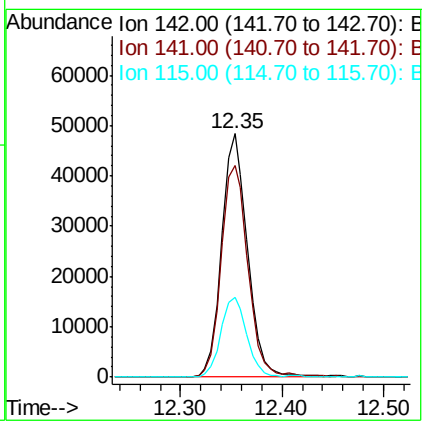


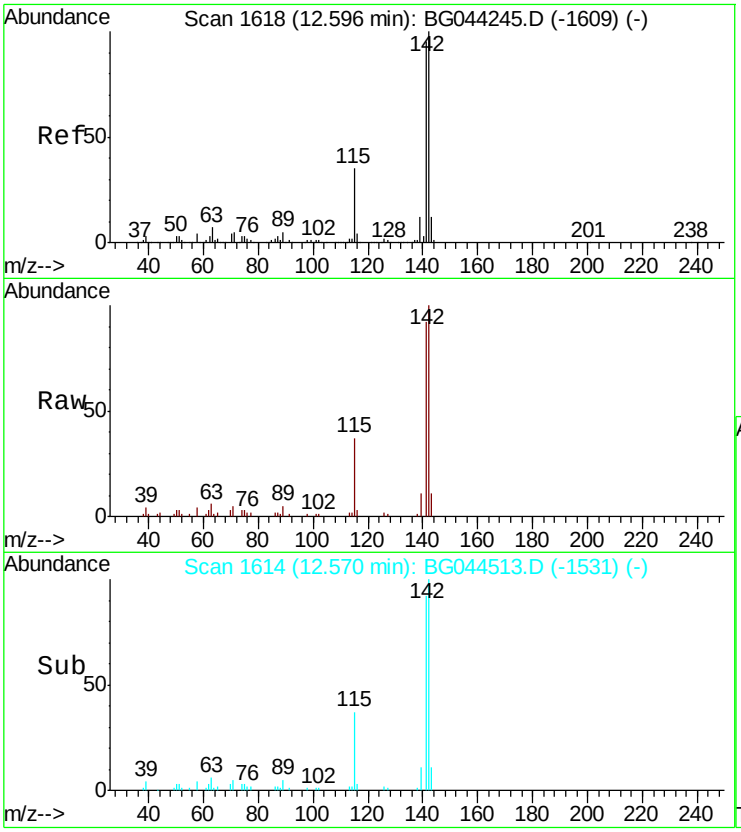


#37
2-Methylnaphthalene
Concen: 8.747 ng
RT: 12.35 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:142 Resp: 85574

Ion	Ratio	Lower	Upper
142	100		
141	87.1	73.2	109.8
115	32.9	27.1	40.7



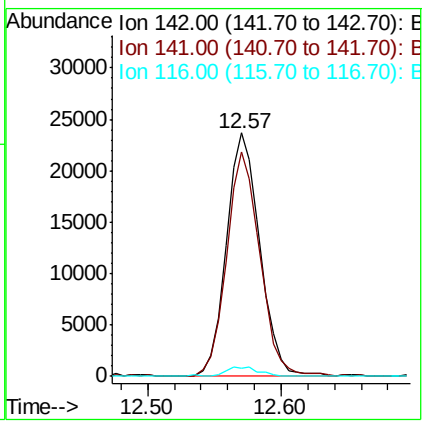


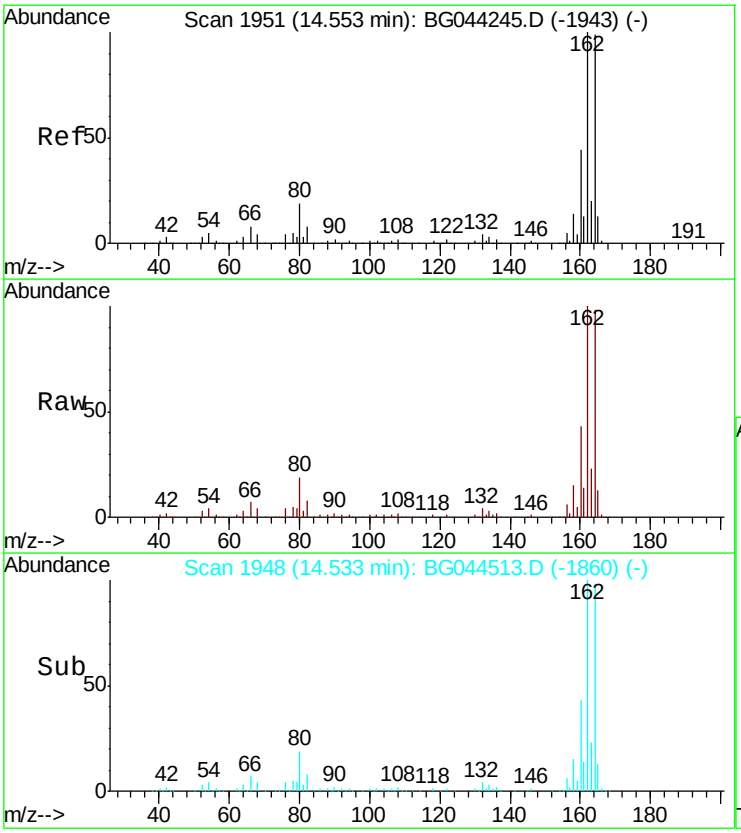
#38
1-Methylnaphthalene
Concen: 4.469 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 41219

Ion	Ratio	Lower	Upper
142	100		
141	92.1	75.8	113.6
116	3.2	3.1	4.7

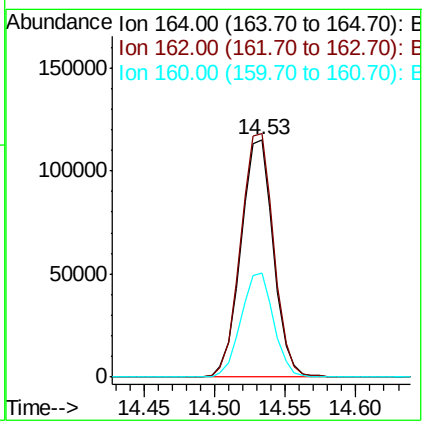


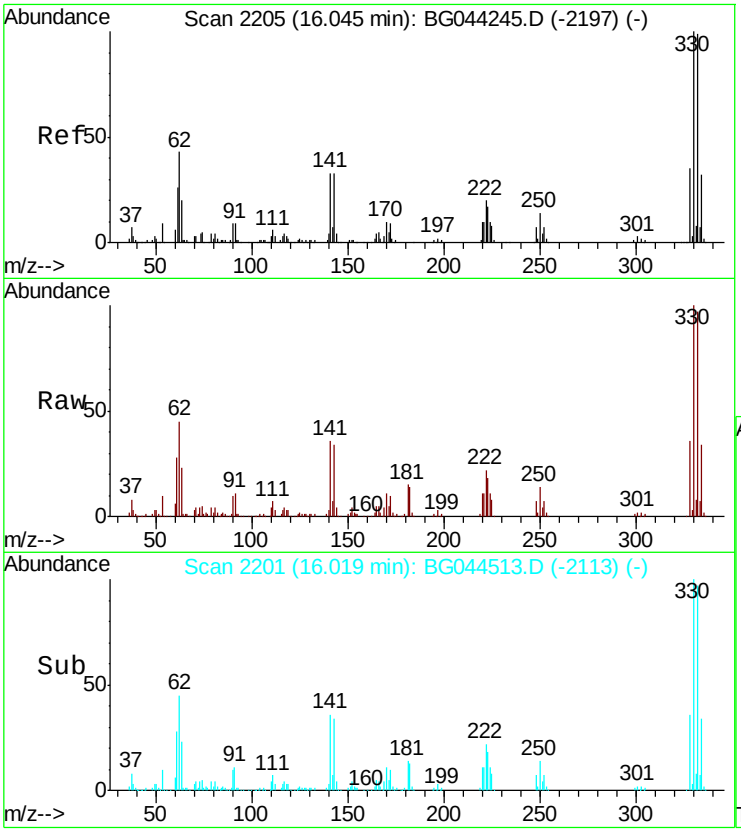


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:164 Resp: 186075

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.7	121.1
160	43.9	35.3	52.9



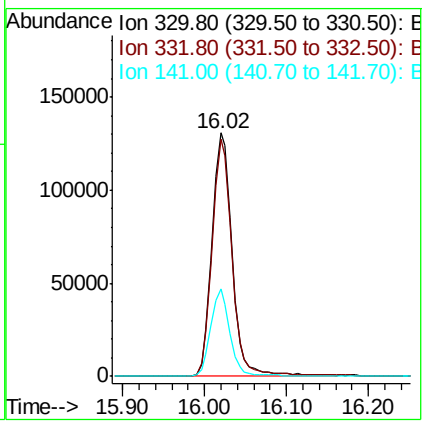


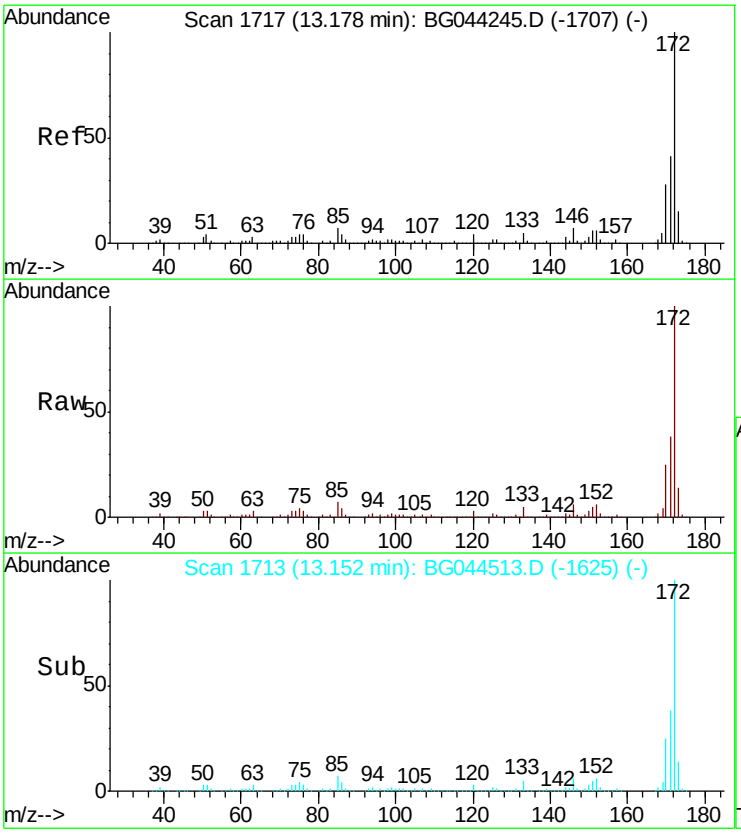
#42
2,4,6-Tribromophenol
Concen: 103.649 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 226412

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.2	115.8
141	34.5	28.3	42.5

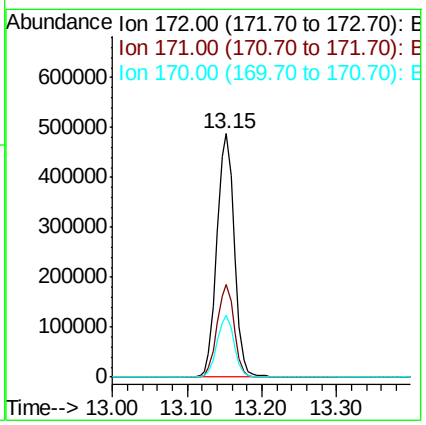


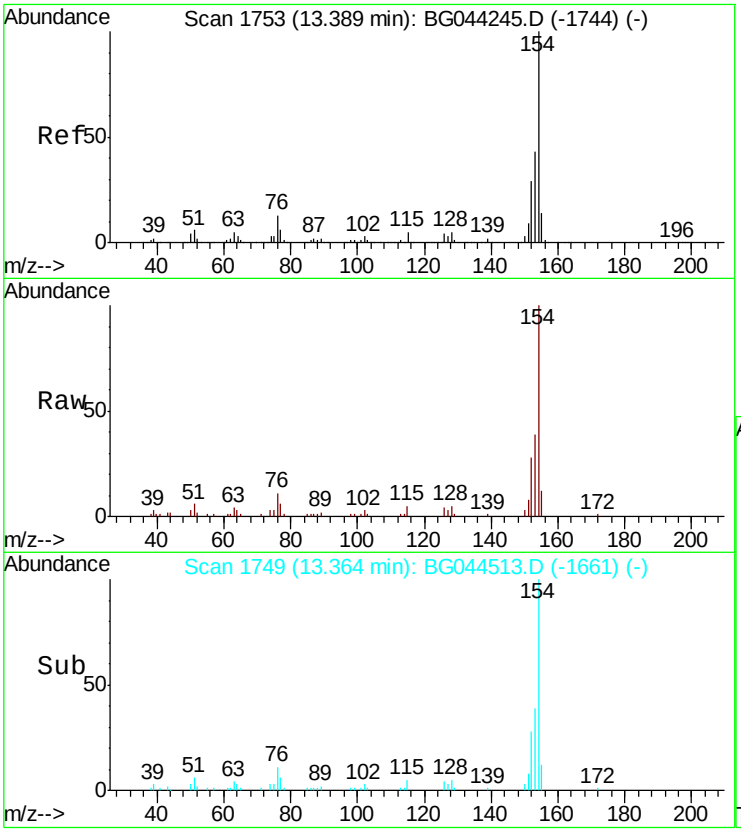


#45
2-Fluorobiphenyl
Concen: 71.097 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:172 Resp: 790028

Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.9	49.3
170	25.2	22.0	33.0



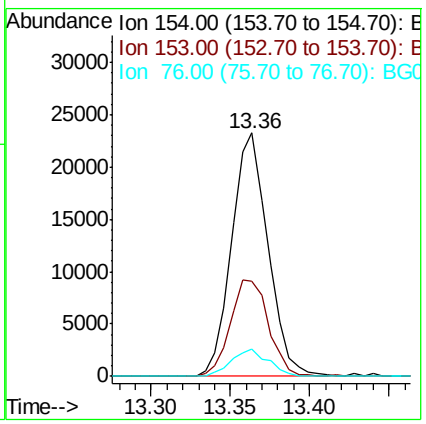


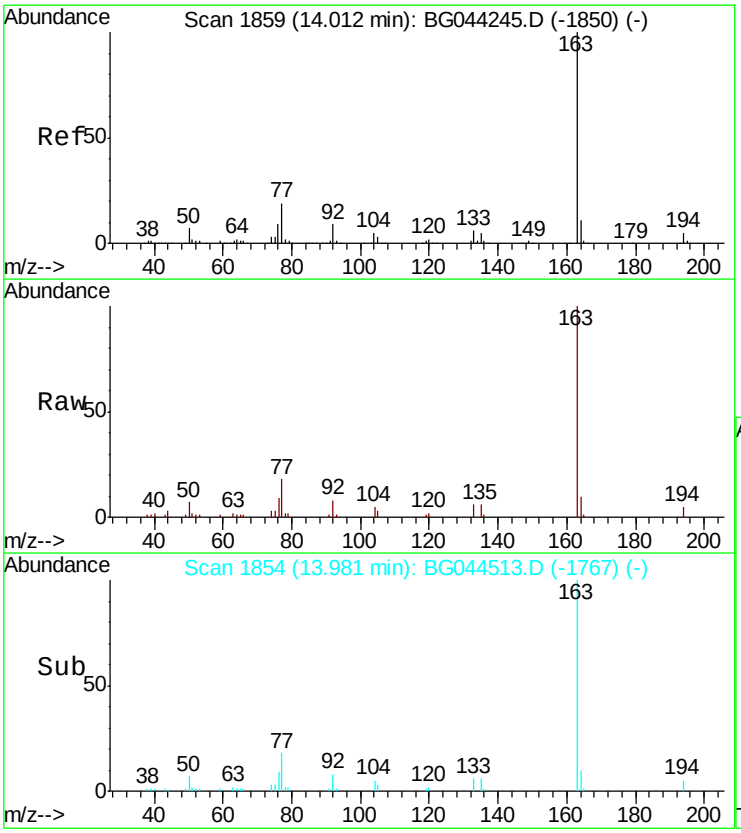
#46
1,1'-Biphenyl
Concen: 2.750 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 36905

Ion	Ratio	Lower	Upper
154	100		
153	38.8	22.7	62.7
76	11.1	0.0	32.9

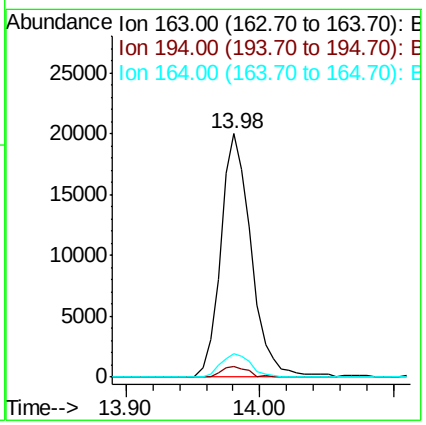


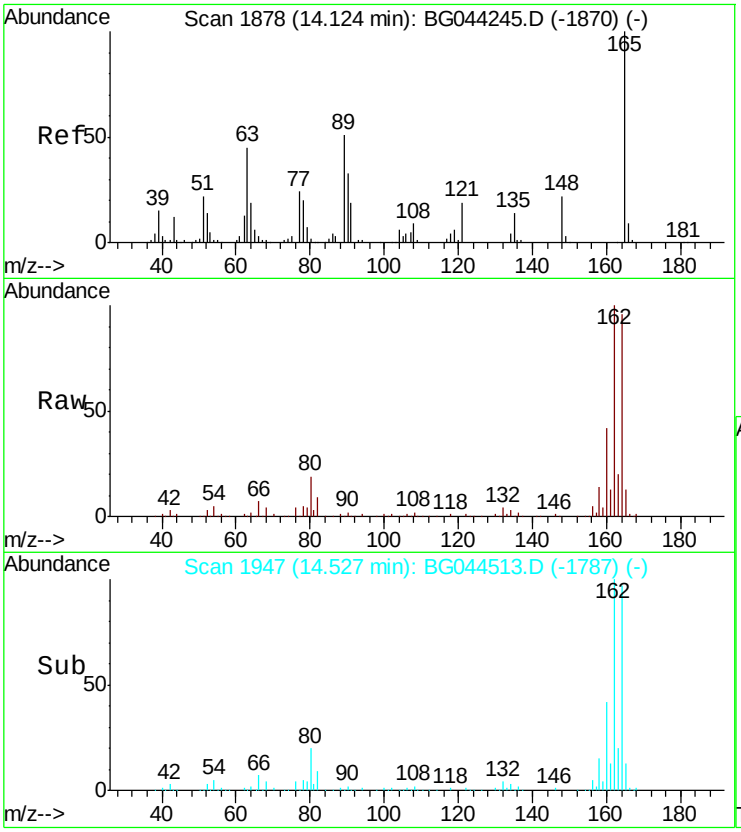


#50
Dimethylphthalate
Concen: 2.390 ng
RT: 13.98 min Scan# 1854
Delta R.T. -0.02 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:163 Resp: 31973

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	9.7	8.7	13.1



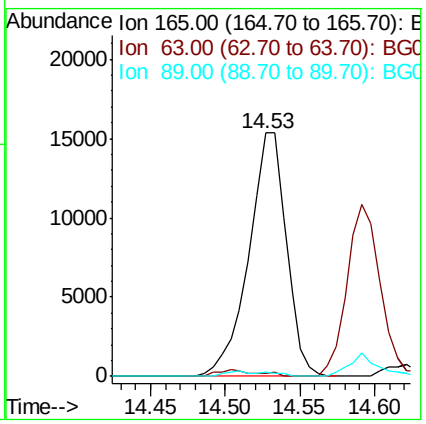


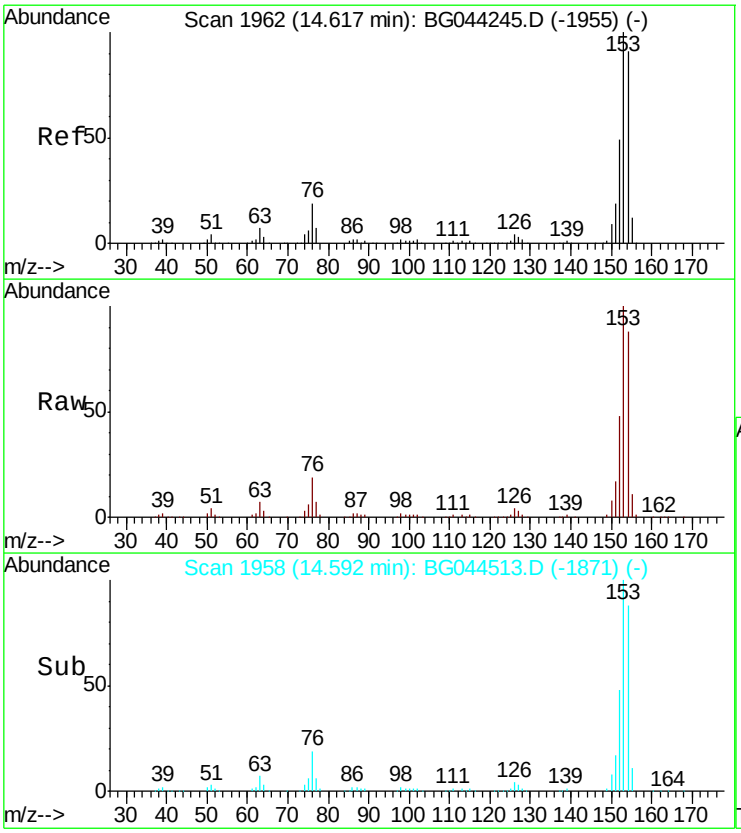
#51
2,6-Dinitrotoluene
Concen: 8.978 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 26775

Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.7	58.1#
89	1.8	40.4	60.6#

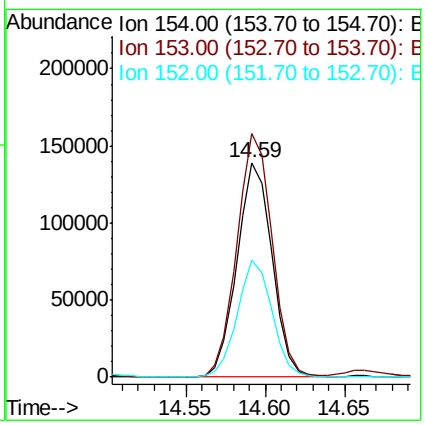


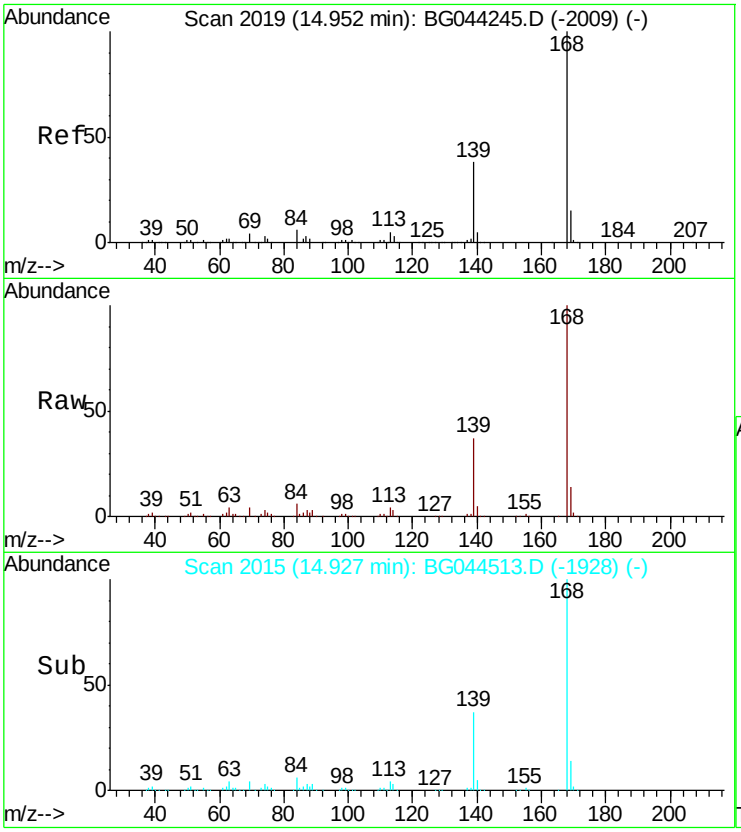


#52
Acenaphthene
Concen: 21.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:154 Resp: 213228

Ion	Ratio	Lower	Upper
154	100		
153	113.4	87.9	131.9
152	54.2	43.1	64.7



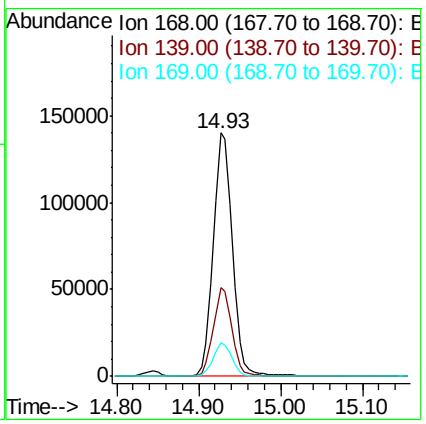


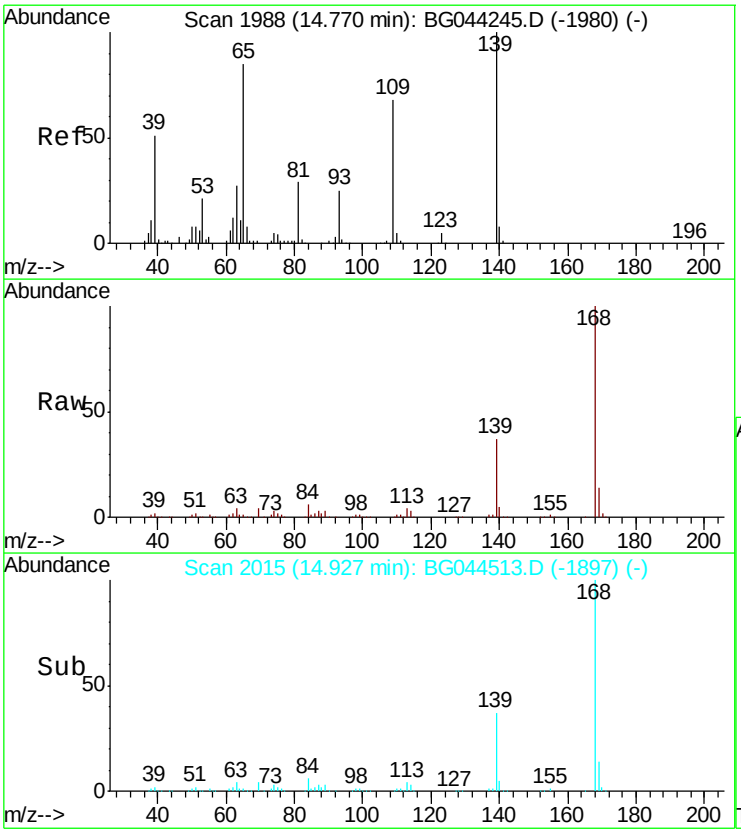
#55
Dibenzofuran
Concen: 14.929 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 229511

Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.5	45.7
169	13.9	11.7	17.5

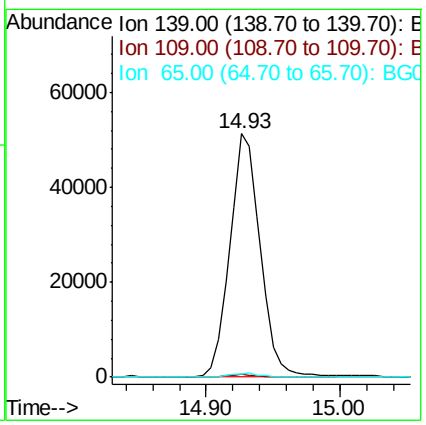


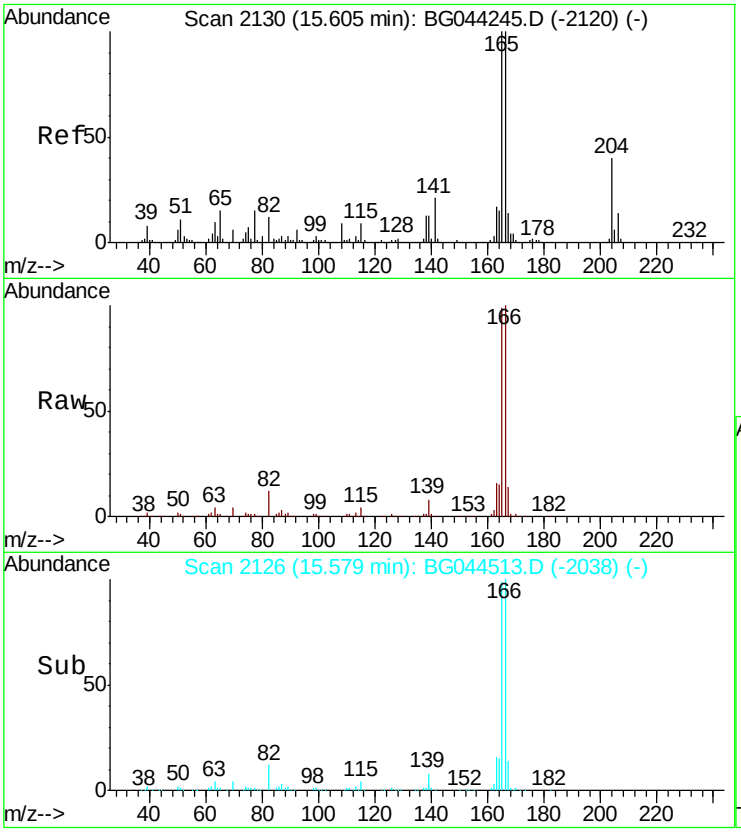


#56
4-Nitrophenol
Concen: 33.555 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.16 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:139 Resp: 81099

Ion	Ratio	Lower	Upper
139	100		
109	1.1	47.5	87.5#
65	1.5	64.9	104.9#



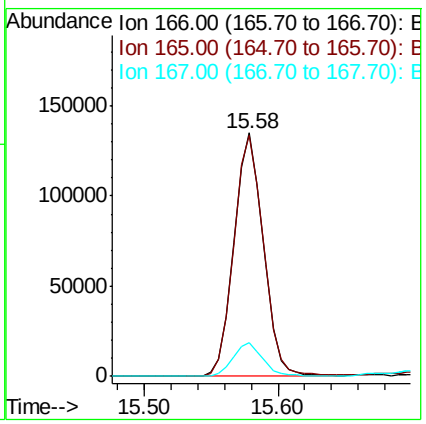


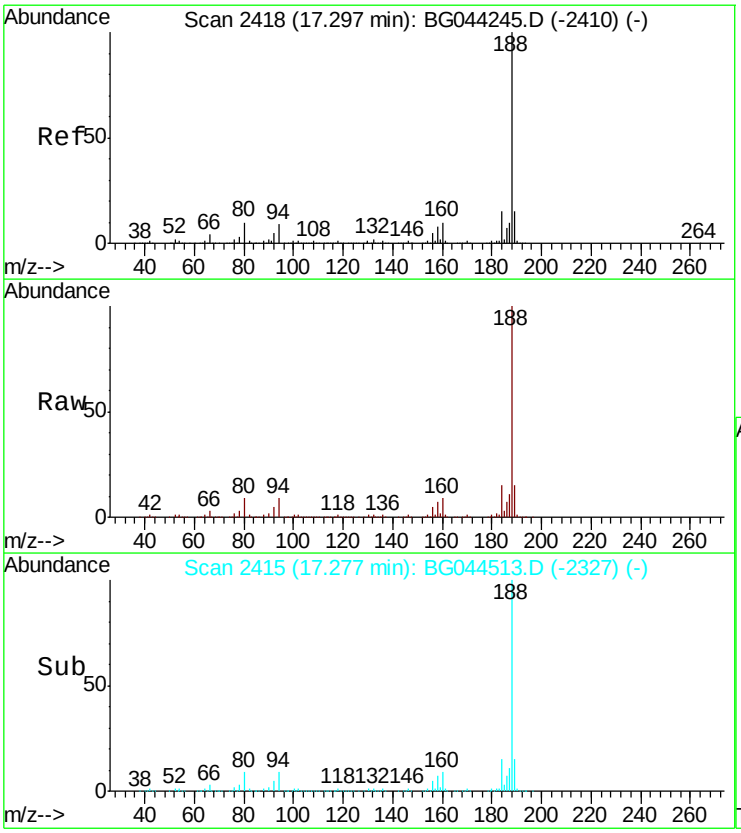
#58
Fluorene
Concen: 17.022 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 206107

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.9	119.9
167	14.0	11.4	17.0

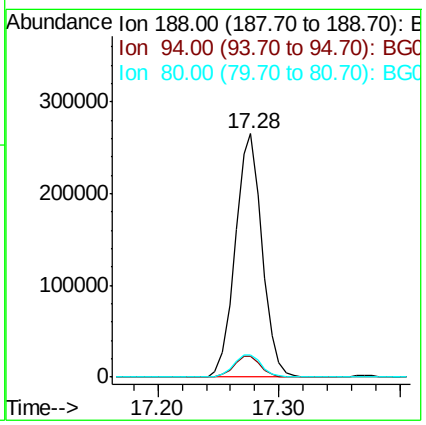


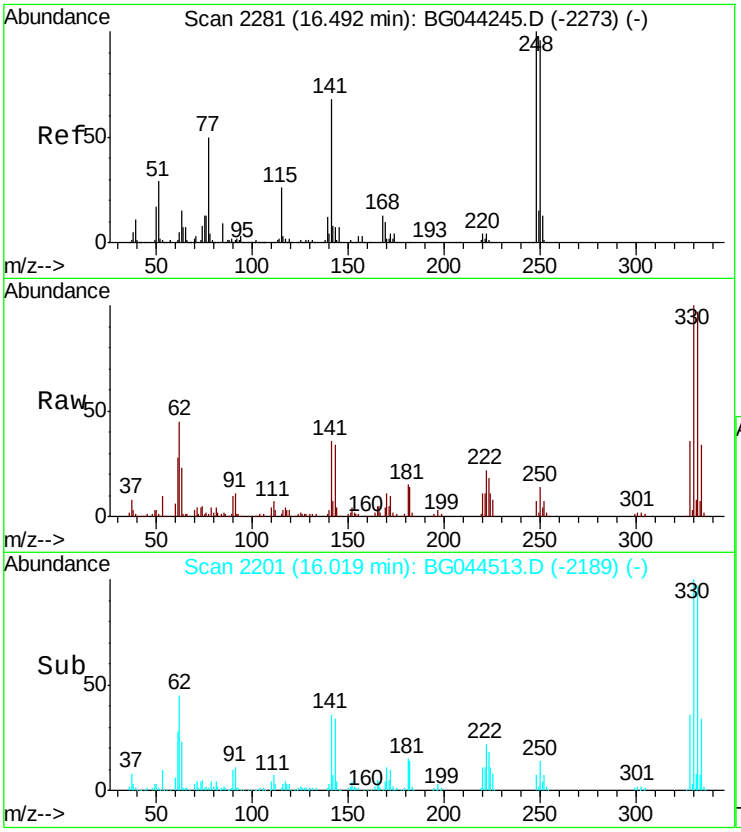


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:188 Resp: 408324

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	9.0	7.7	11.5



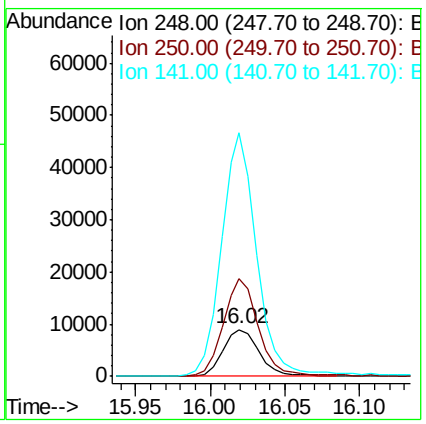


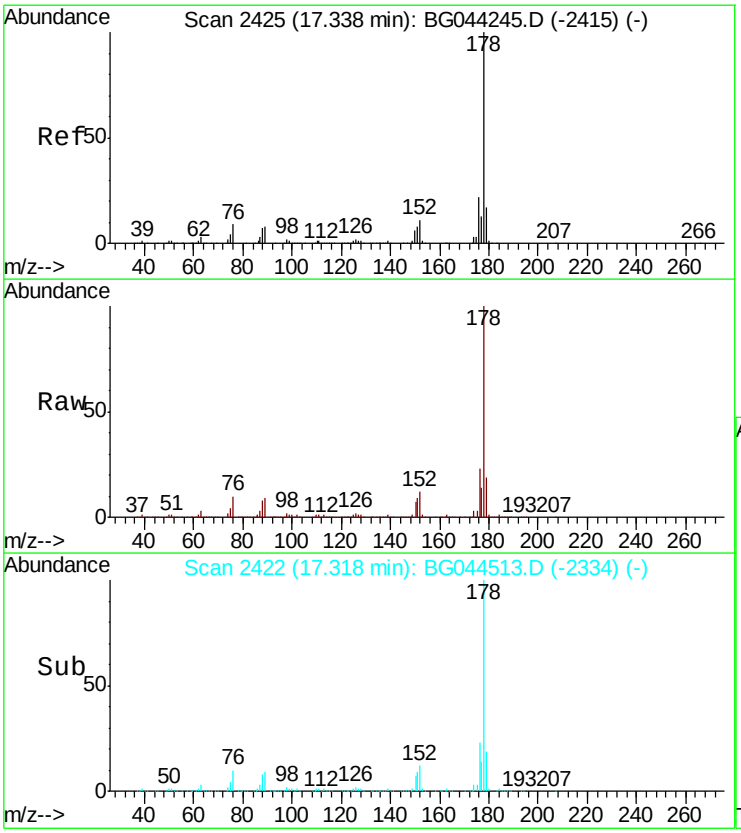
#67
4-Bromophenyl-phenylether
Concen: 3.375 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.46 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 15016

Ion	Ratio	Lower	Upper
248	100		
250	207.9	76.6	114.8#
141	520.7	54.7	82.1#

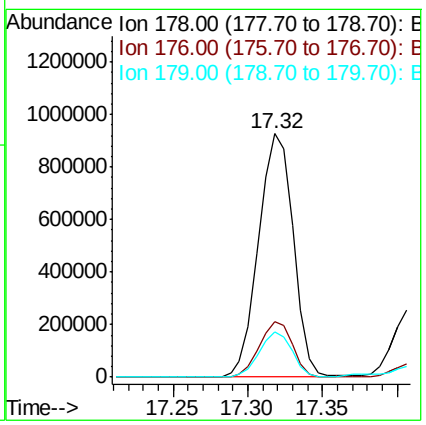


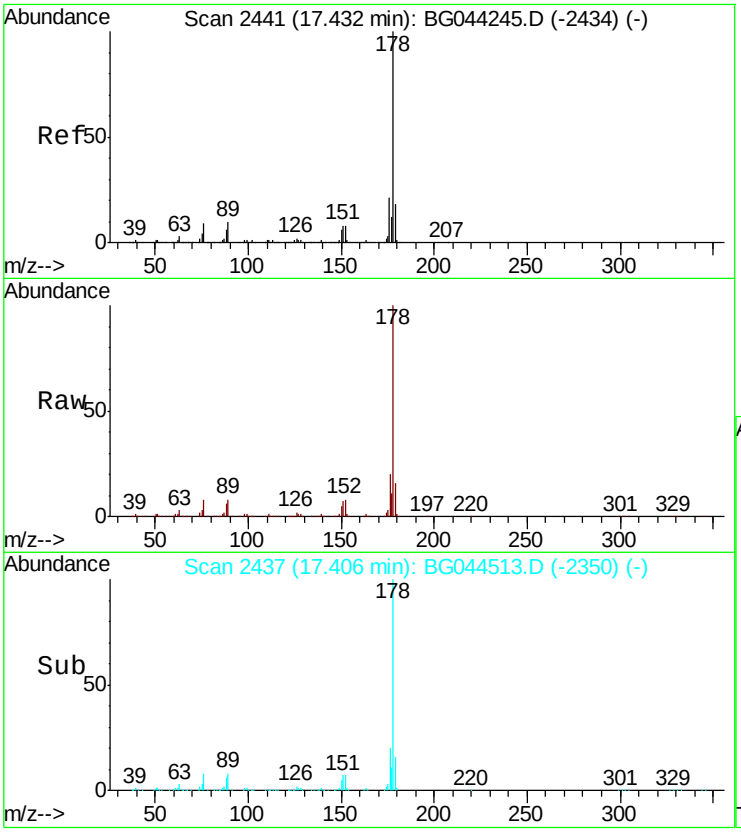


#71
Phenanthrene
Concen: 75.197 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:178 Resp: 1486836

Ion	Ratio	Lower	Upper
178	100		
176	23.0	17.7	26.5
179	18.8	13.7	20.5



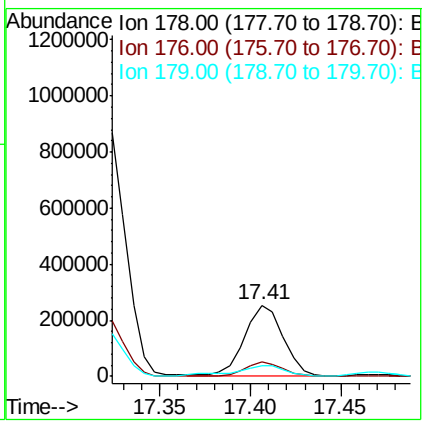


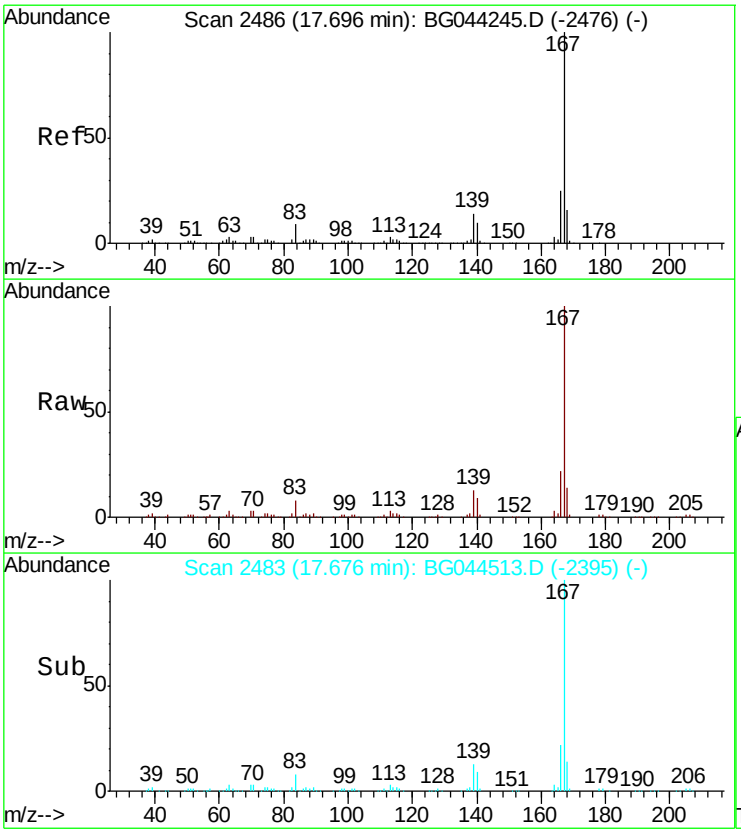
#72
Anthracene
Concen: 18.975 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 370932

Ion	Ratio	Lower	Upper
178	100		
176	19.6	17.0	25.4
179	15.8	14.4	21.6

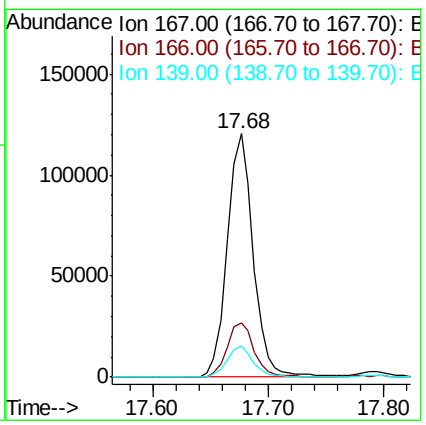


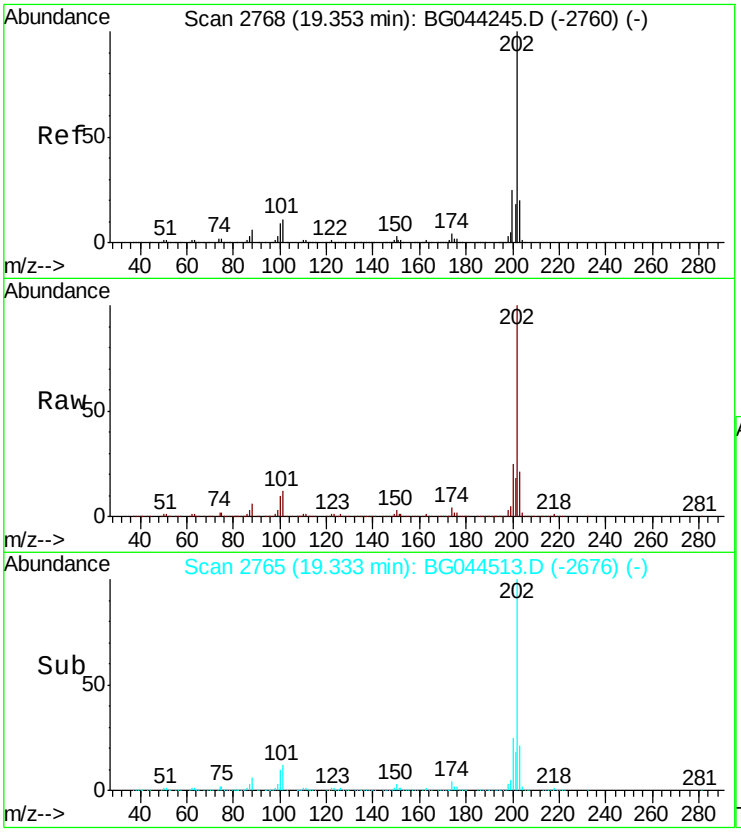


#73
Carbazole
Concen: 10.406 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:167 Resp: 187525

Ion	Ratio	Lower	Upper
167	100		
166	22.3	19.8	29.6
139	12.6	11.1	16.7



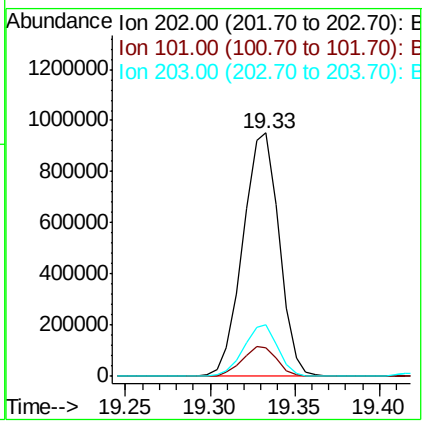


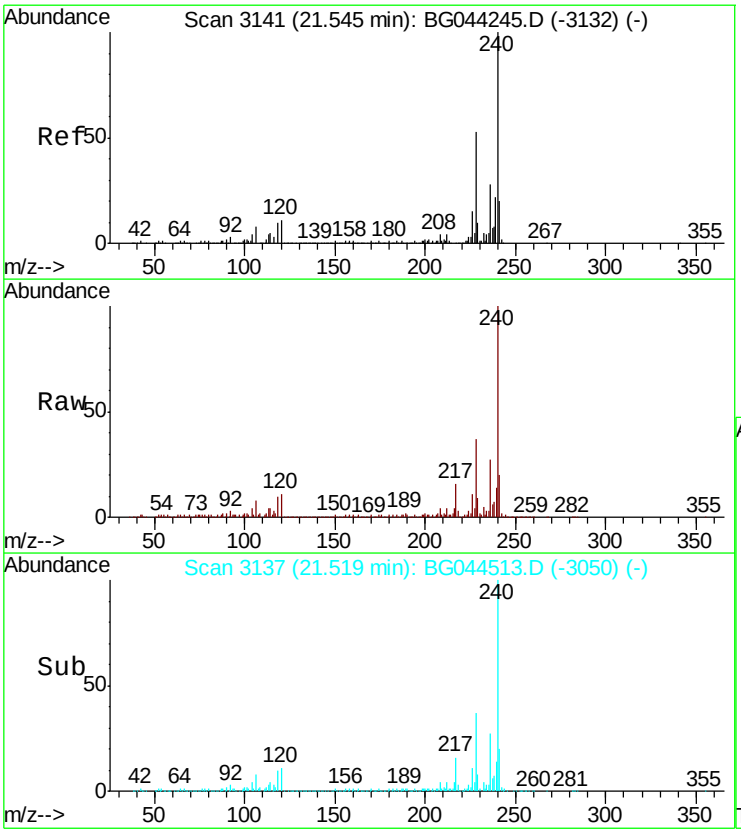
#75
Fluoranthene
Concen: 62.141 ng
RT: 19.33 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1421344

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.3
203	21.1	0.0	39.9

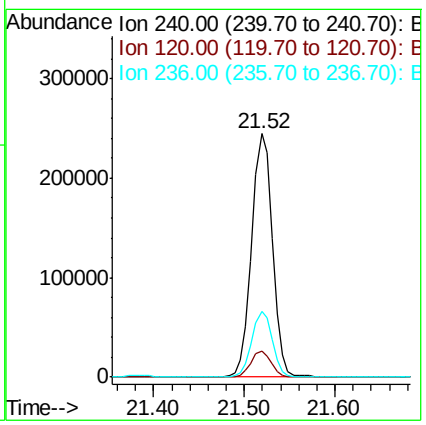


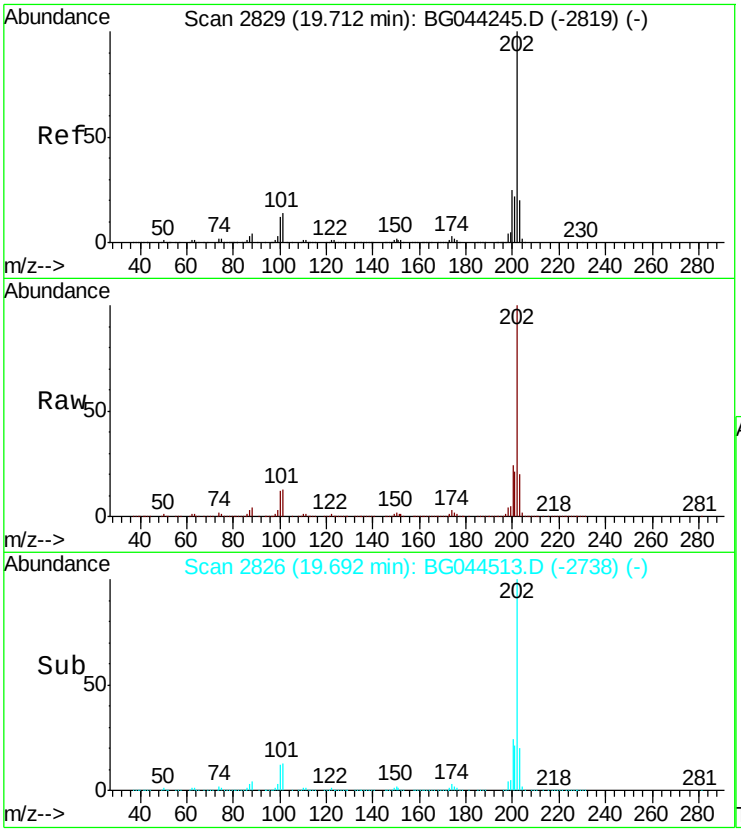


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.02 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:240 Resp: 388472

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	27.1	22.1	33.1



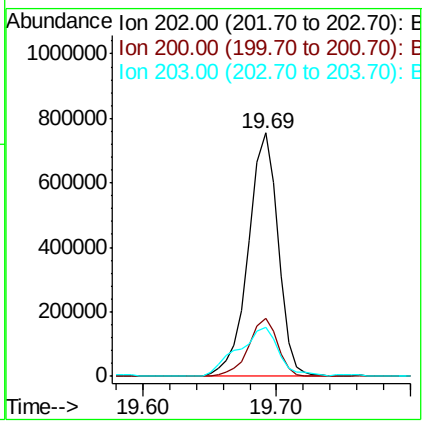


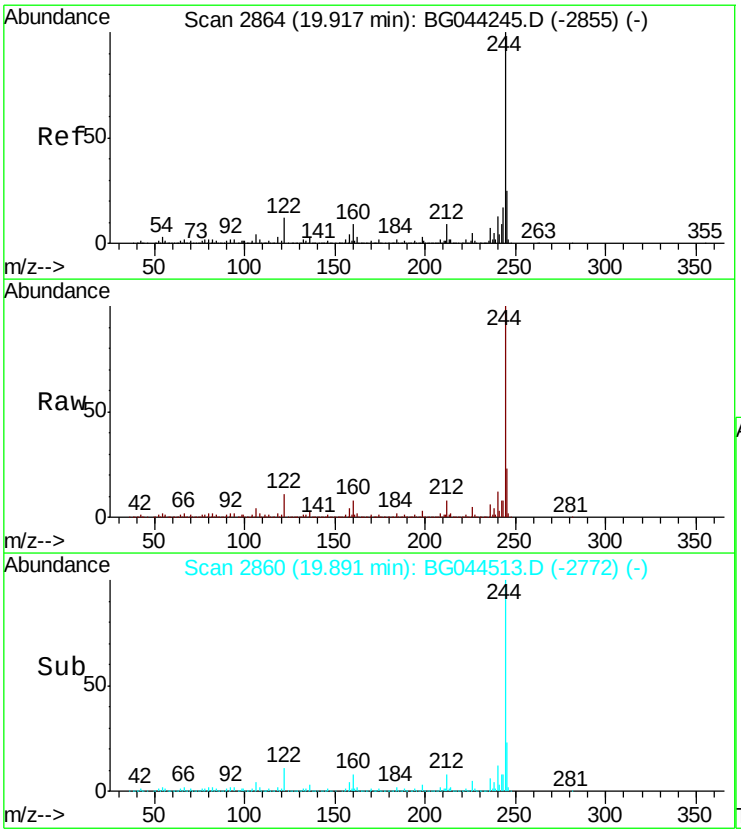
#78
Pyrene
Concen: 46.373 ng
RT: 19.69 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1156893

Ion	Ratio	Lower	Upper
202	100		
200	24.0	20.0	30.0
203	20.2	16.2	24.2

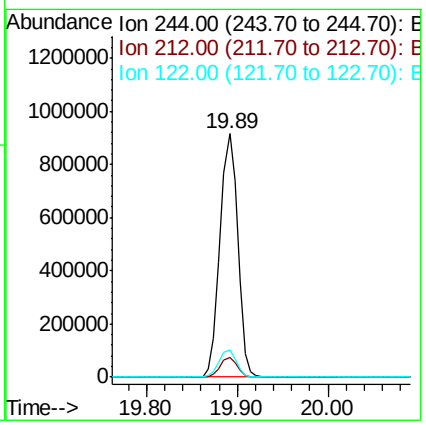


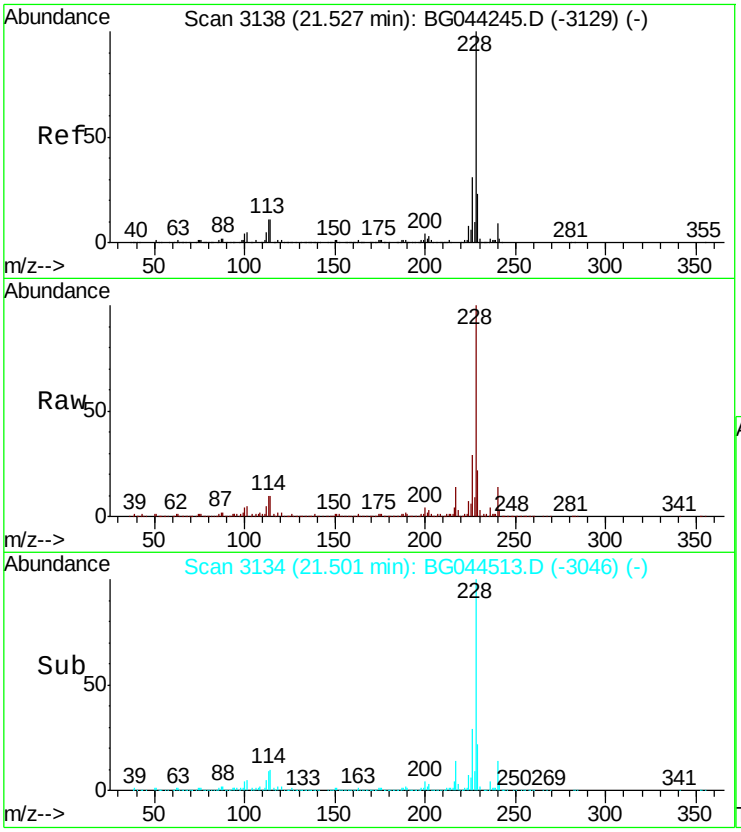


#79
Terphenyl-d14
Concen: 65.717 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:244 Resp: 1241162

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.2
122	11.1	9.8	14.6



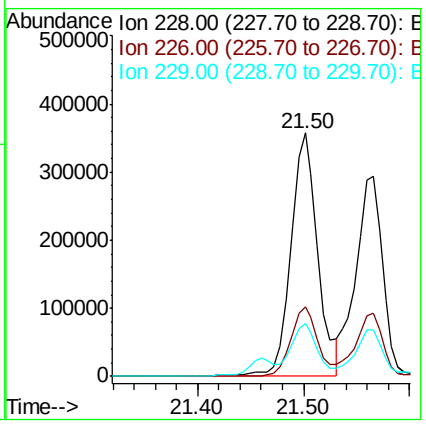


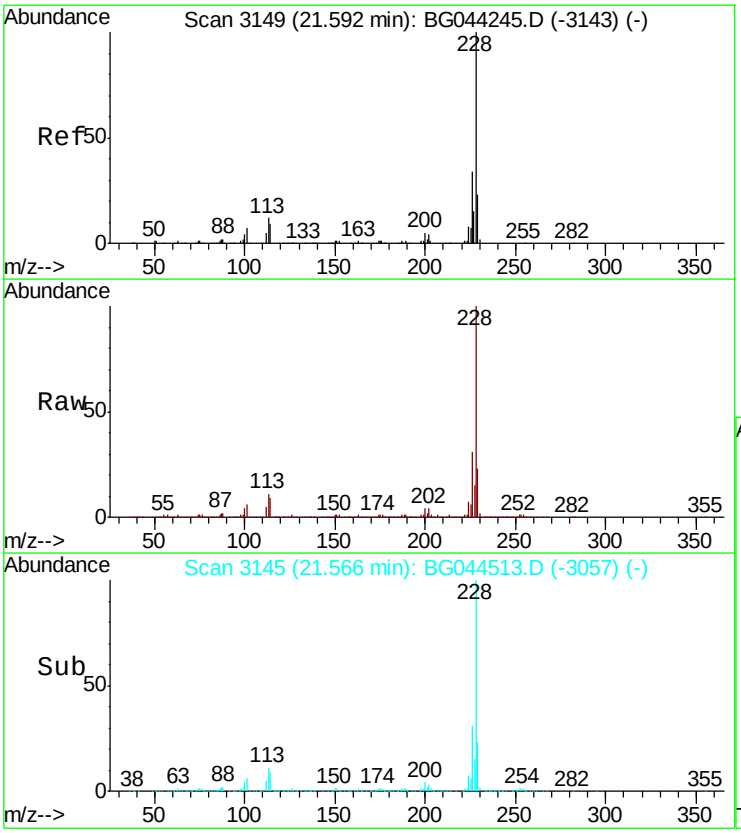
#81
Benzo(a)anthracene
Concen: 26.308 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 629858

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.7	37.1
229	21.6	18.2	27.4

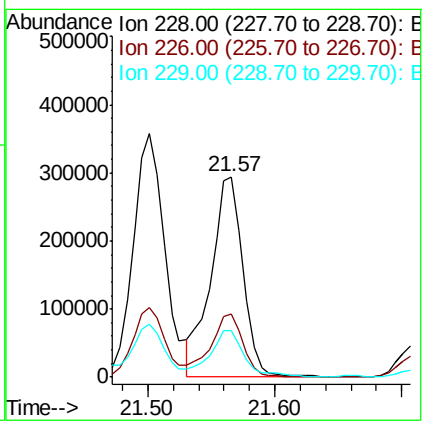


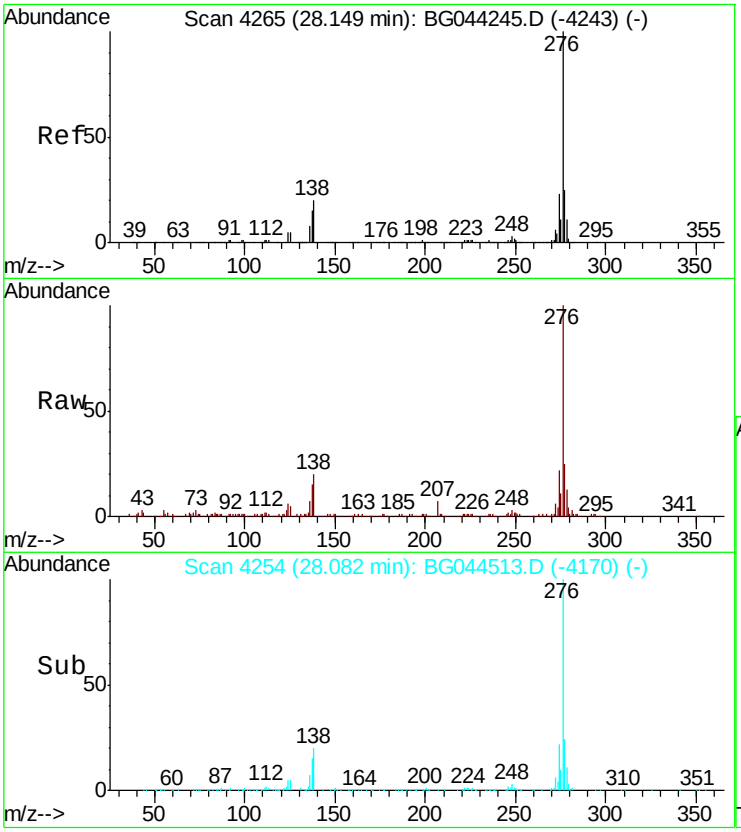


#83
Chrysene
Concen: 22.345 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:228 Resp: 517112

Ion	Ratio	Lower	Upper
228	100		
226	31.3	27.1	40.7
229	23.0	17.9	26.9



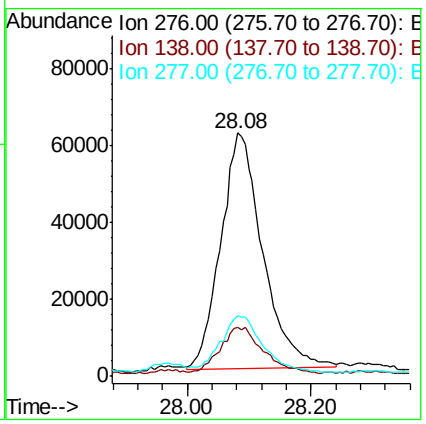


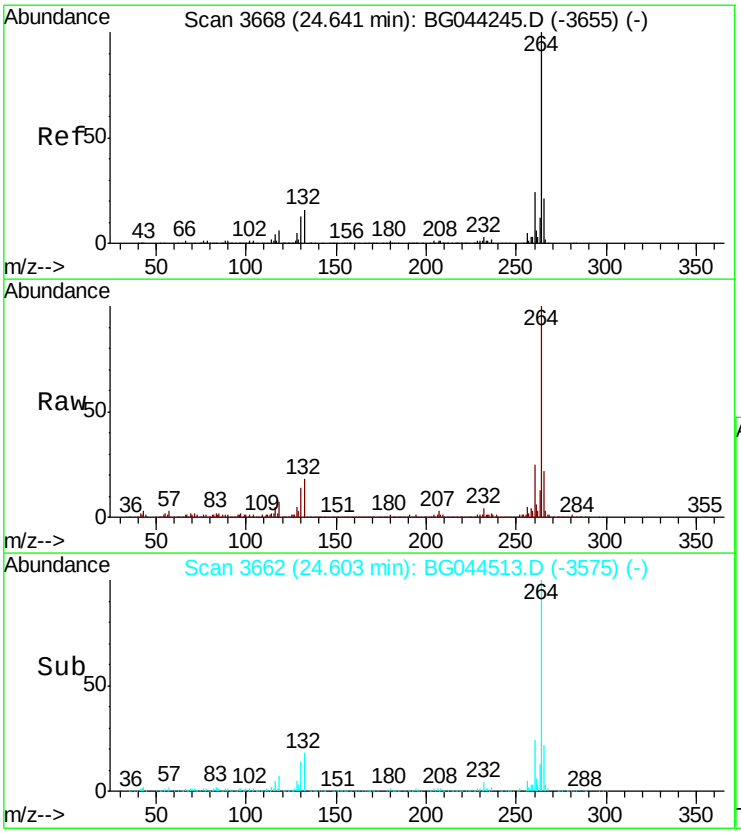
#86
Indeno(1,2,3-cd)pyrene
Concen: 9.633 ng
RT: 28.08 min Scan# 4254
Delta R.T. -0.04 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 290849

Ion	Ratio	Lower	Upper
276	100		
138	19.2	19.4	29.0#
277	24.2	21.0	31.6

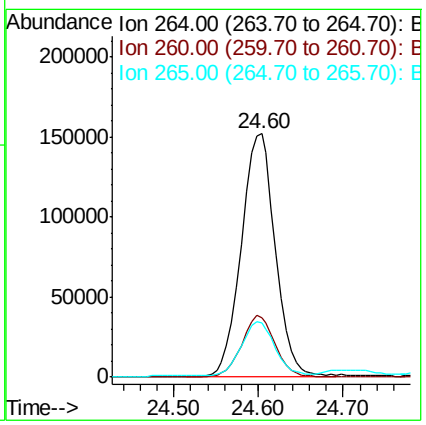


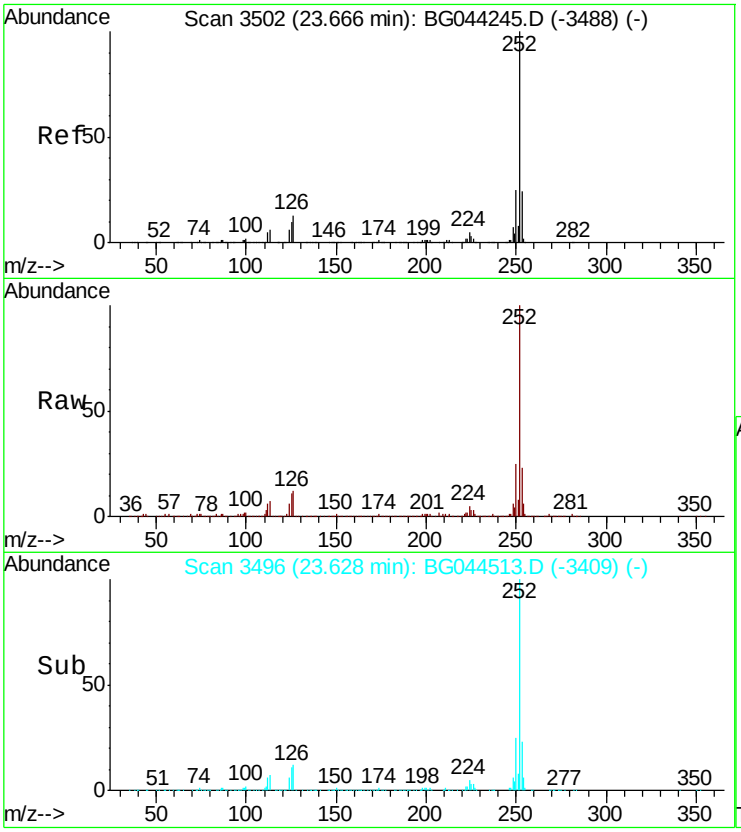


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.02 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:264 Resp: 424431

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.0	16.7	25.1



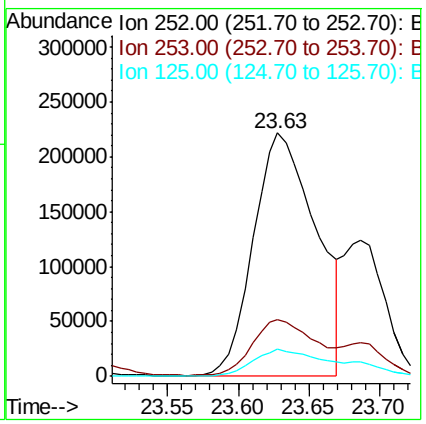


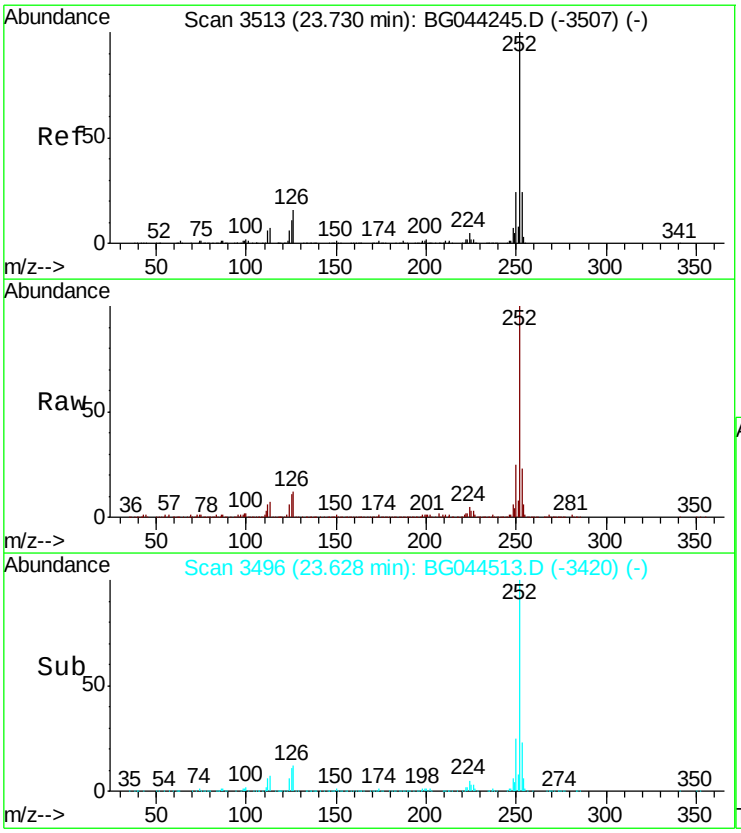
#88
Benzo(b)fluoranthene
Concen: 27.958 ng
RT: 23.63 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 683779

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	11.3	8.4	12.6

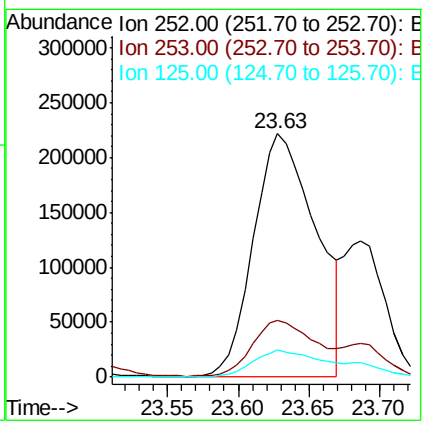


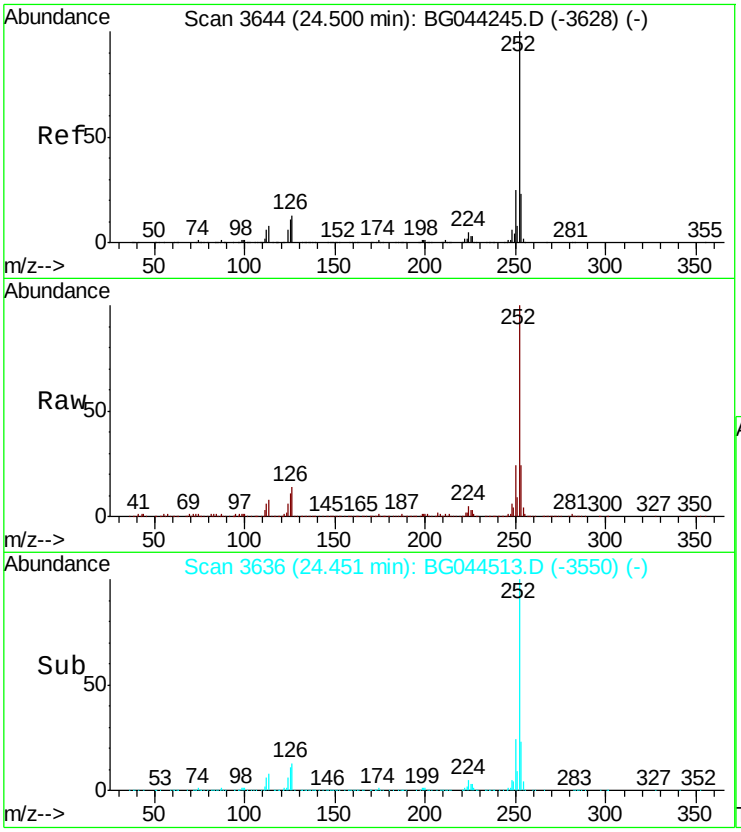


#89
Benzo(k)fluoranthene
Concen: 28.686 ng
RT: 23.63 min Scan# 3496
Delta R.T. -0.08 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:252 Resp: 683779

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.1	28.7
125	11.3	8.6	12.8



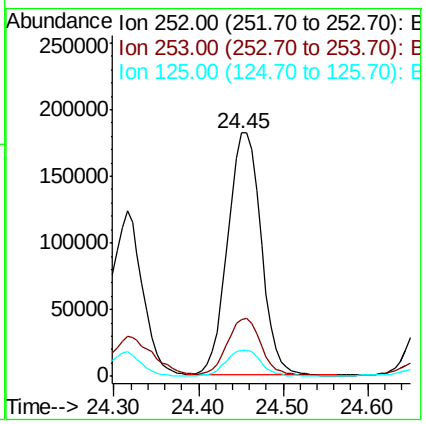


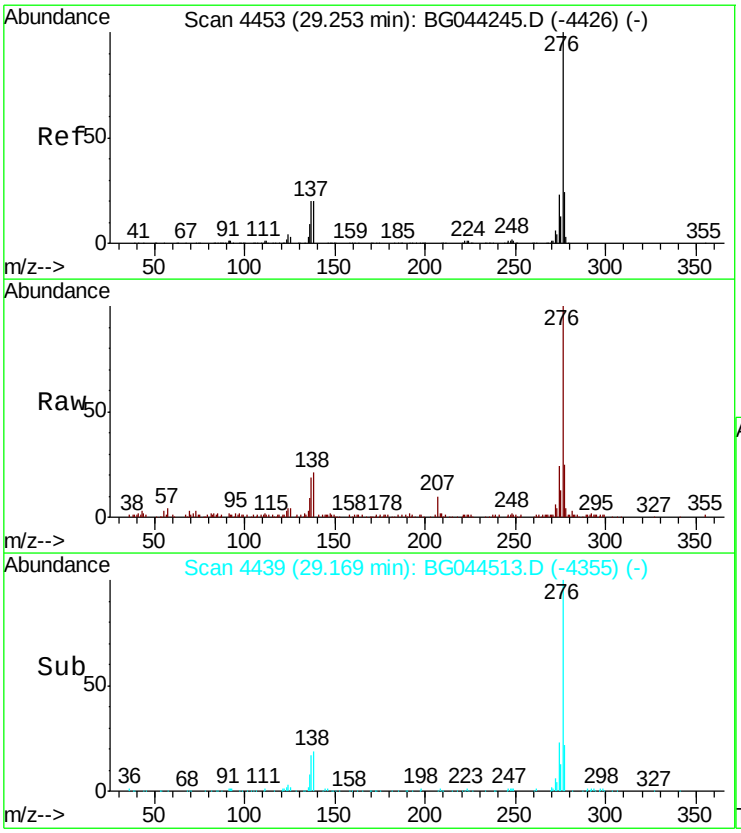
#90
Benzo(a)pyrene
Concen: 21.542 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.02 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 498138

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	10.8	8.6	13.0





#92
Benzo(g,h,i)perylene
Concen: 12.032 ng
RT: 29.17 min Scan# 4439
Delta R.T. -0.04 min
Lab File: BG044513.D
Acq: 20 Feb 2020 7:51

Tgt Ion:276 Resp: 275646

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	21.5	16.2	24.2