Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
Data File : BG044435.D
Acq On : 14 Feb 2020 2:31
Operator : CG/JU
Sample : L1385-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 14 04:07:42 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	7.91	152	95385	20.00	ng		0.00
21) Naphthalene-d8	10.70	136	406289	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	246480	20.00	ng		0.00
64) Phenanthrene-d10	17.29	188	497204	20.00	ng		0.00
76) Chrysene-d12	21.54	240	452813	20.00	ng		0.00
87) Perylene-d12	24.63	264	478389	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	277823	51.40	ng		0.00
7) Phenol-d6	7.08	99	375443	51.73	ng		0.00
23) Nitrobenzene-d5	9.06	82	227362	31.59	ng		0.00
42) 2,4,6-Tribromophenol	16.03	330	128707	44.48	ng		0.00
45) 2-Fluorobiphenyl	13.16	172	491275	33.38	ng		0.00
79) Terphenyl-d14	19.90	244	629938	28.61	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.06	70	27951	5.779	ng	#	76
32) Benzoic acid	10.19	122	54	14.182	ng	#	2
37) 2-Methylnaphthalene	12.37	142	32541	2.223	ng		97
38) 1-Methylnaphthalene	12.37	142	32541	2.358	ng		100
51) 2,6-Dinitrotoluene	14.54	165	34411	8.711	ng	#	30
52) Acenaphthene	14.60	154	64276	4.779	ng		96
54) 2,4-Dinitrophenol	14.67	184	822	7.942	ng	#	67
55) Dibenzofuran	14.95	168	118910	5.839	ng		96
56) 4-Nitrophenol	14.95	139	41915	13.092	ng	#	13
58) Fluorene	15.59	166	149121	9.297	ng		100
71) Phenanthrene	17.33	178	932001	38.710	ng		99
72) Anthracene	17.42	178	321058	13.488	ng		95
73) Carbazole	17.69	167	88928	4.053	ng		97
75) Fluoranthene	19.35	202	1007515	36.174	ng		99
78) Pyrene	19.70	202	818477	28.146	ng		98
81) Benzo(a)anthracene	21.52	228	460699	16.508	ng		97
83) Chrysene	21.58	228	385630	14.296	ng		97
86) Indeno(1,2,3-cd)pyrene	28.14	276	148253	4.213	ng	#	90
88) Benzo(b)fluoranthene	23.66	252	453415	16.448	ng		98
89) Benzo(k)fluoranthene	23.66	252	453415	16.876	ng		99
90) Benzo(a)pyrene	24.48	252	335617	12.877	ng		96
92) Benzo(g,h,i)perylene	29.23	276	128264	4.967	ng		95

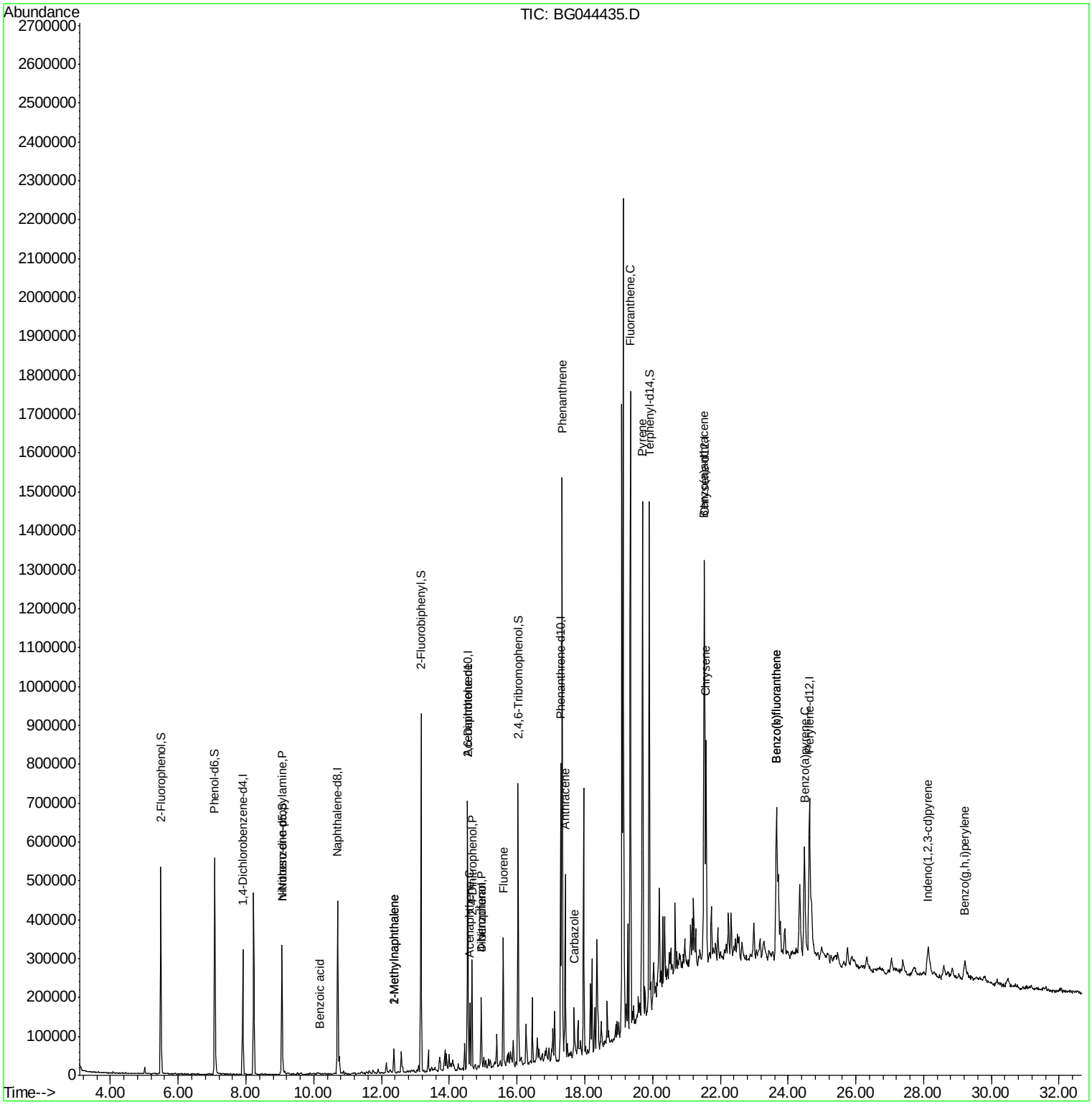
(#) = qualifier out of range (m) = manual integration (+) = signals summed

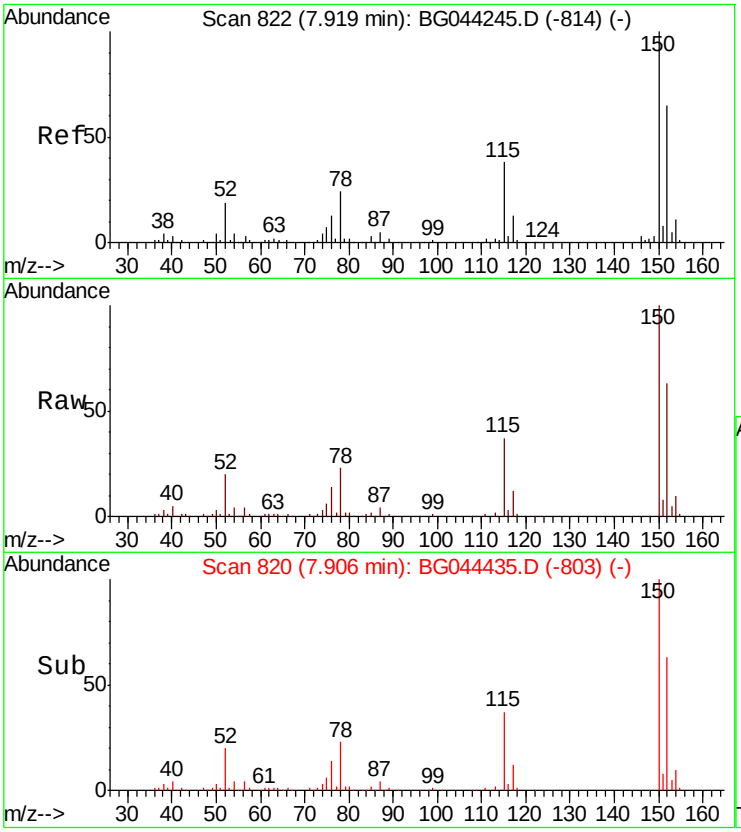
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
Data File : BG044435.D
Acq On : 14 Feb 2020 2:31
Operator : CG/JU
Sample : L1385-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 14 04:07:42 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



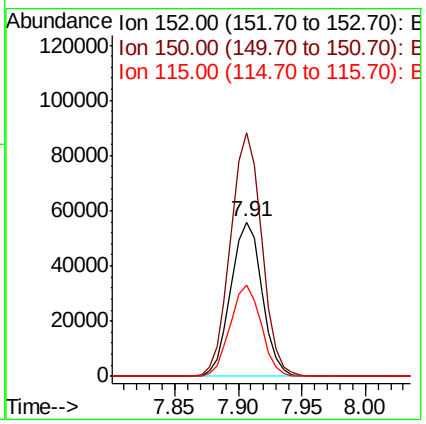


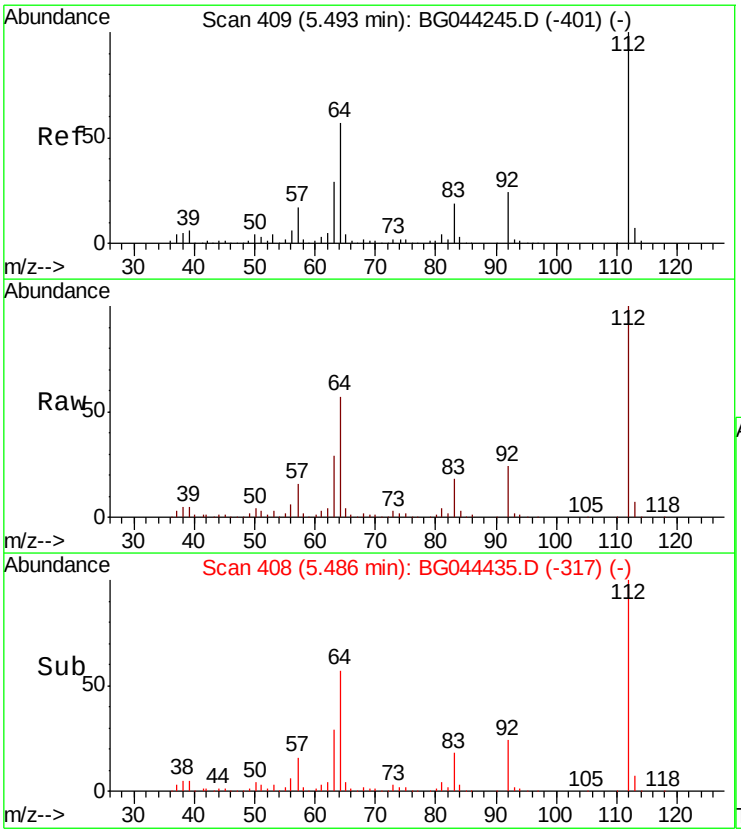
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 95385

Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.6	183.8
115	59.3	46.0	69.0

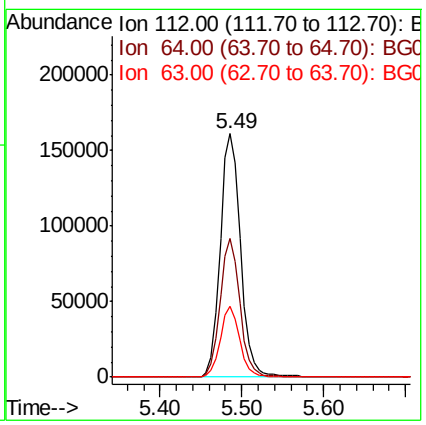


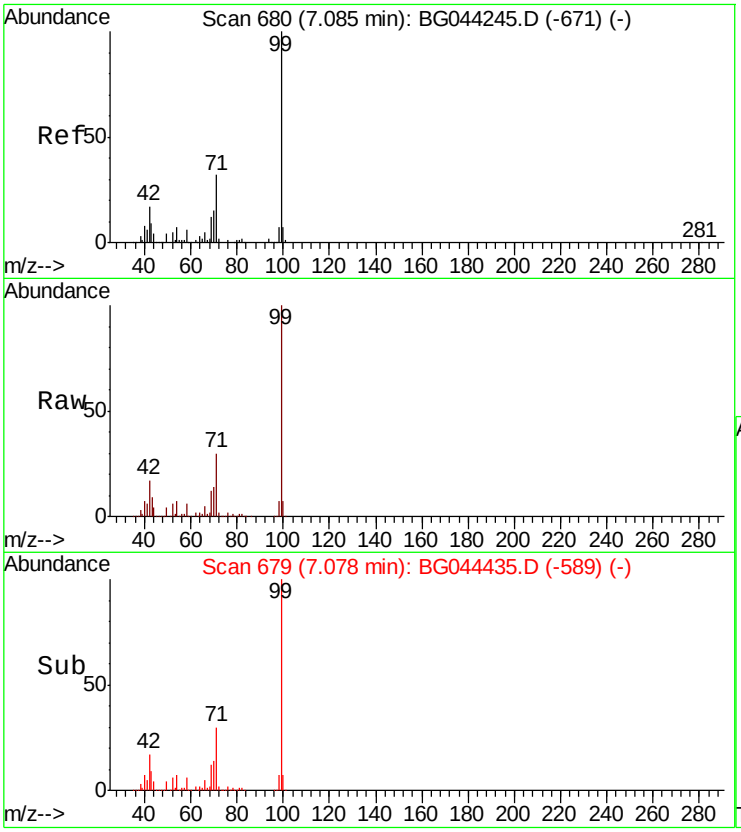


#5
2-Fluorophenol
Concen: 51.404 ng
RT: 5.49 min Scan# 408
Delta R.T. 0.01 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Tgt Ion:112 Resp: 277823

Ion	Ratio	Lower	Upper
112	100		
64	56.8	45.4	68.2
63	28.9	22.9	34.3



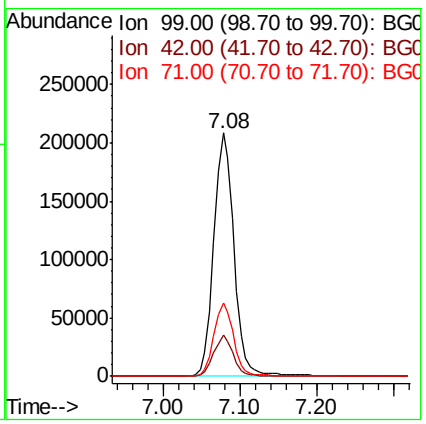


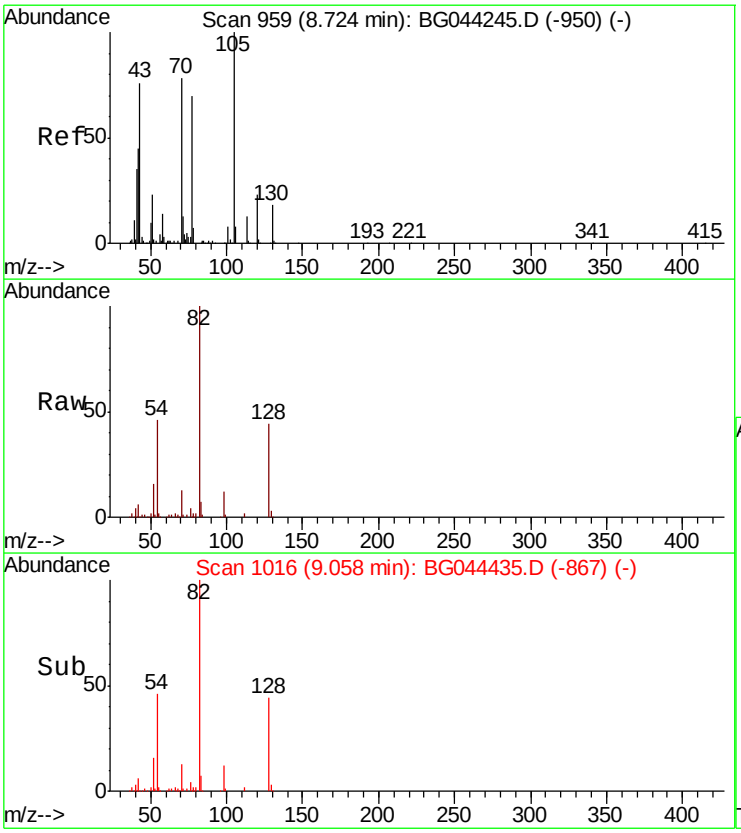
#7
Phenol-d6
Concen: 51.730 ng
RT: 7.08 min Scan# 679
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 375443

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.6
71	30.2	25.5	38.3

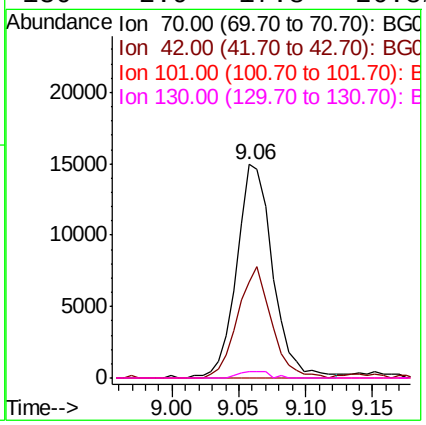


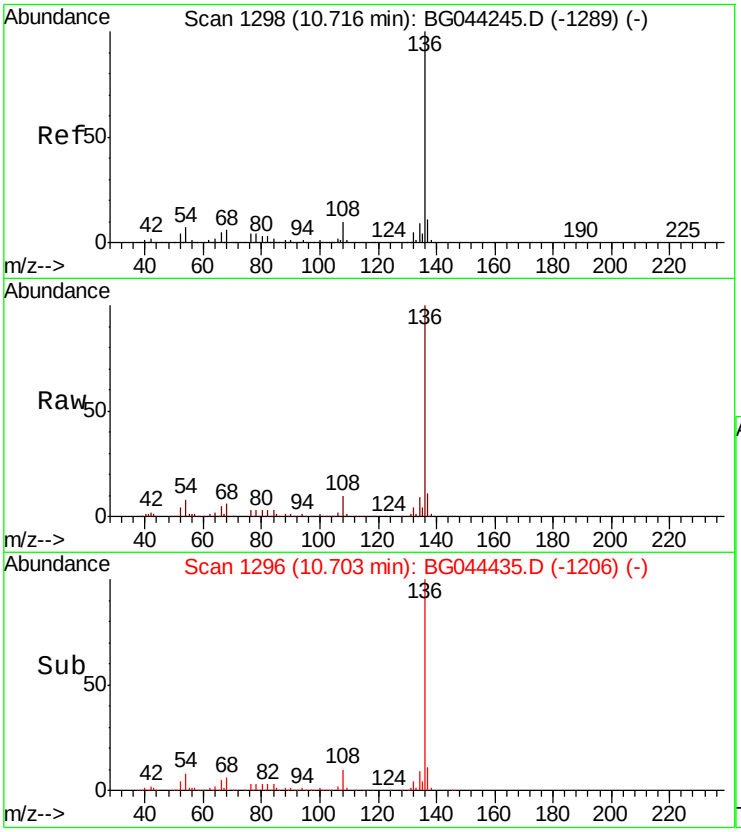


#19
n-Nitroso-di-n-propylamine
Concen: 5.779 ng
RT: 9.06 min Scan# 1016
Delta R.T. 0.35 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Tgt Ion: 70 Resp: 27951

Ion	Ratio	Lower	Upper
70	100		
42	44.7	46.2	69.2#
101	0.0	8.4	12.6#
130	2.9	17.8	26.8#



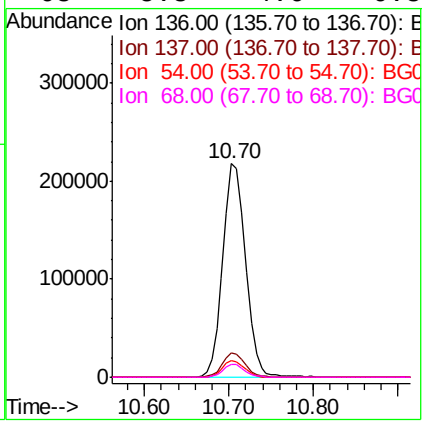


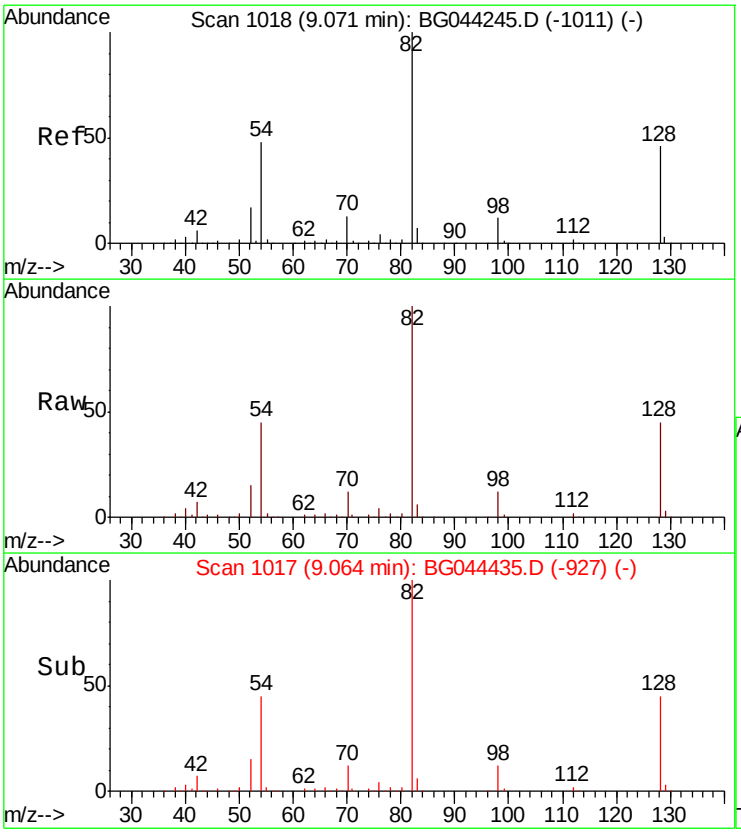
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 406289

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.8	5.8	8.8
68	5.8	4.6	6.8

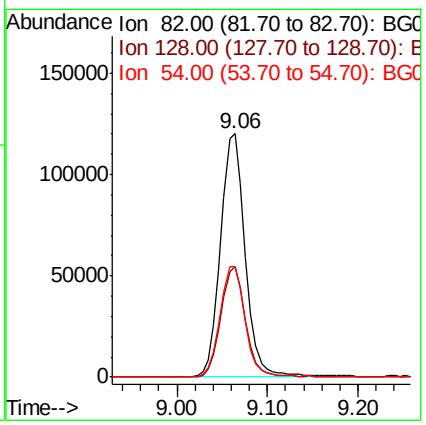


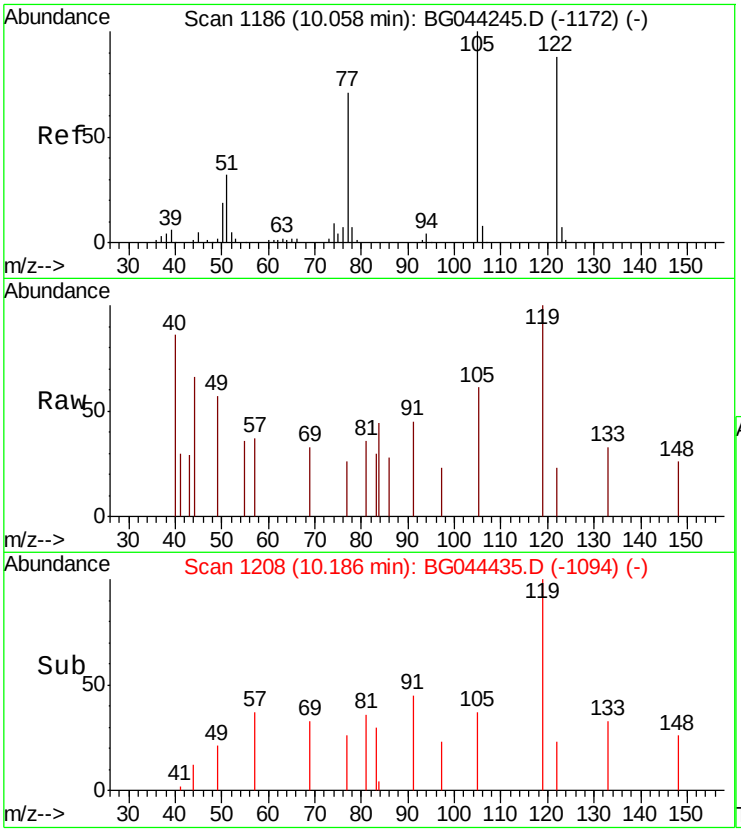


#23
Nitrobenzene-d5
Concen: 31.593 ng
RT: 9.06 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Tgt Ion: 82 Resp: 227362

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.5	54.7
54	45.2	38.6	58.0



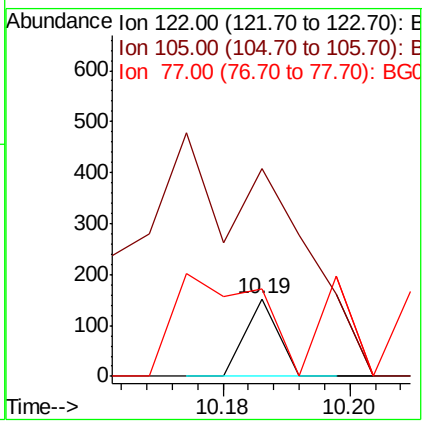


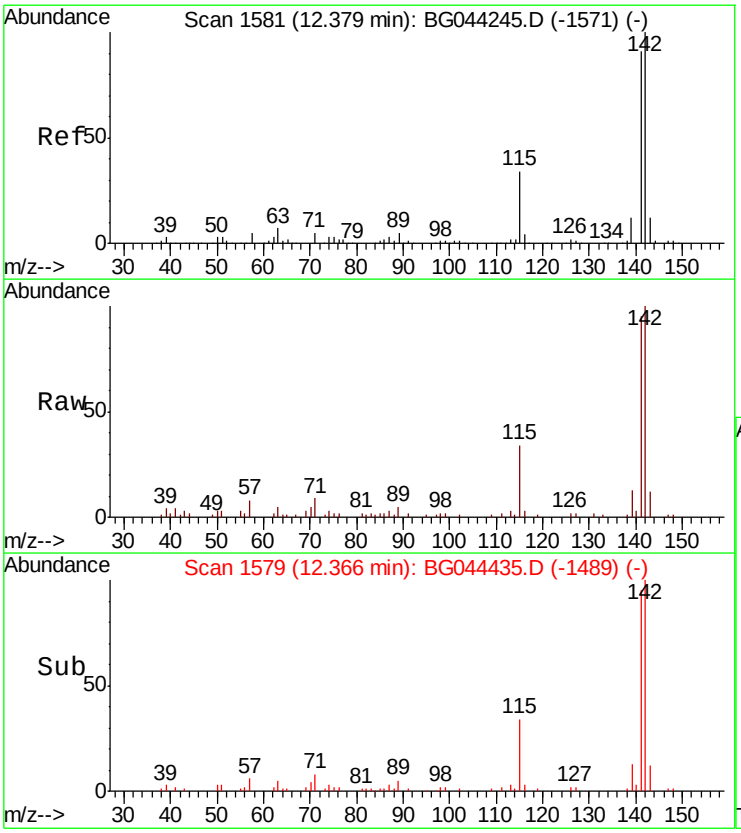
#32
Benzoic acid
Concen: 14.182 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.14 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 54

Ion	Ratio	Lower	Upper
122	100		
105	266.7	93.5	133.5#
77	111.8	61.0	101.0#

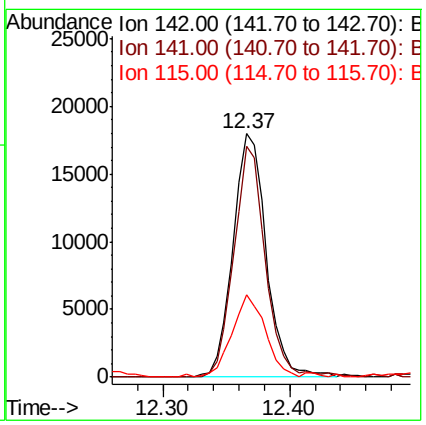


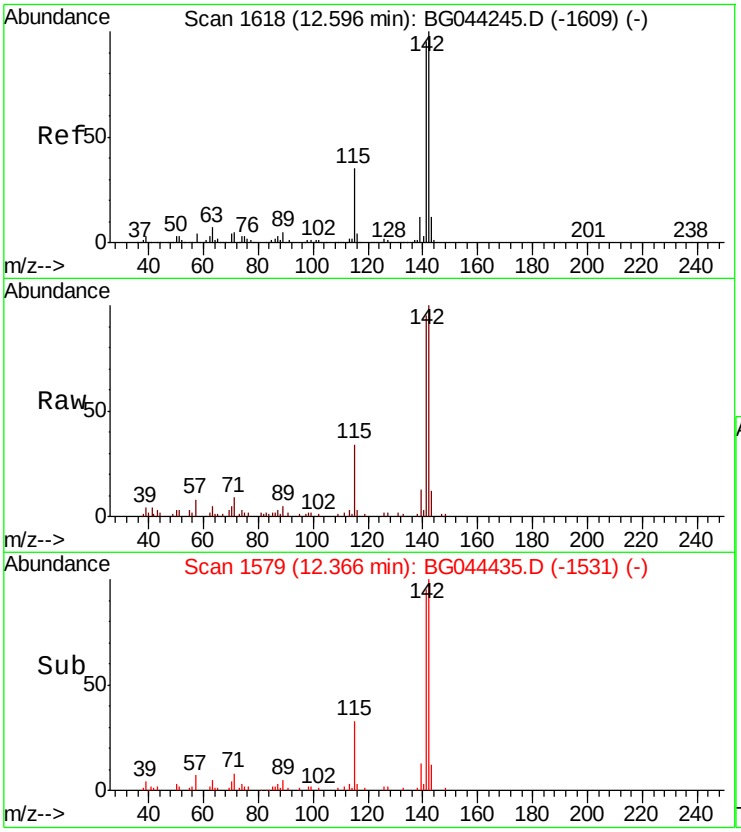


#37
2-Methylnaphthalene
Concen: 2.223 ng
RT: 12.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Tgt Ion:142 Resp: 32541

Ion	Ratio	Lower	Upper
142	100		
141	94.7	73.2	109.8
115	33.6	27.1	40.7



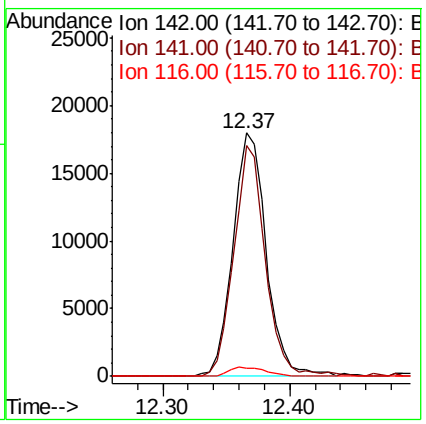


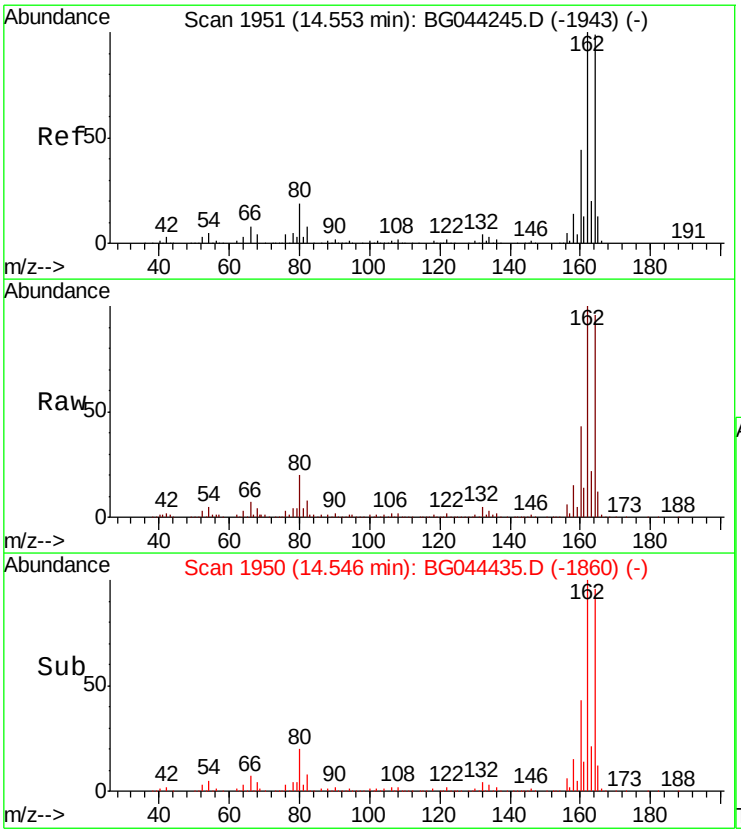
#38
1-Methylnaphthalene
Concen: 2.358 ng
RT: 12.37 min Scan# 1579
Delta R.T. -0.22 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 32541

Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.8	113.6
116	3.2	3.1	4.7

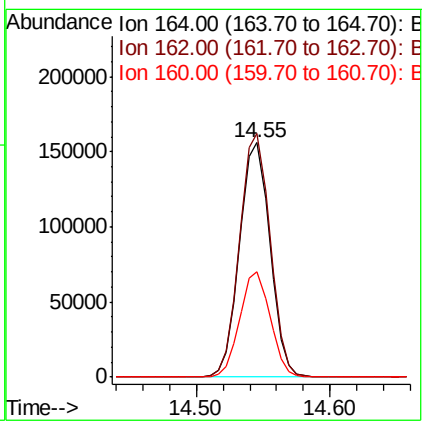


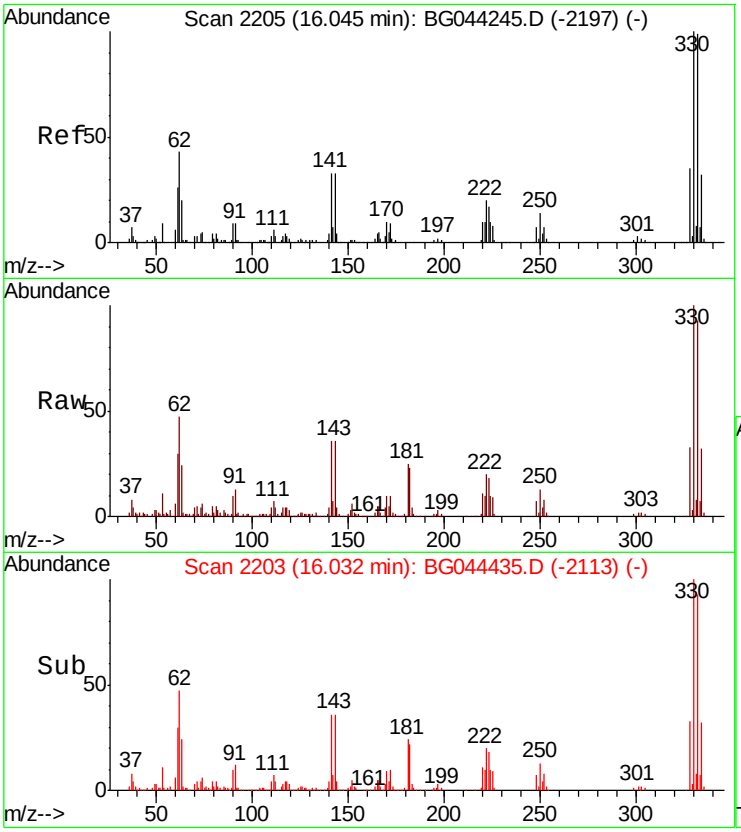


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Tgt Ion:164 Resp: 246480

Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.7	121.1
160	44.8	35.3	52.9



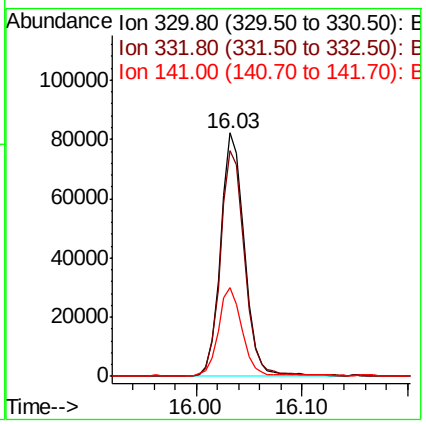


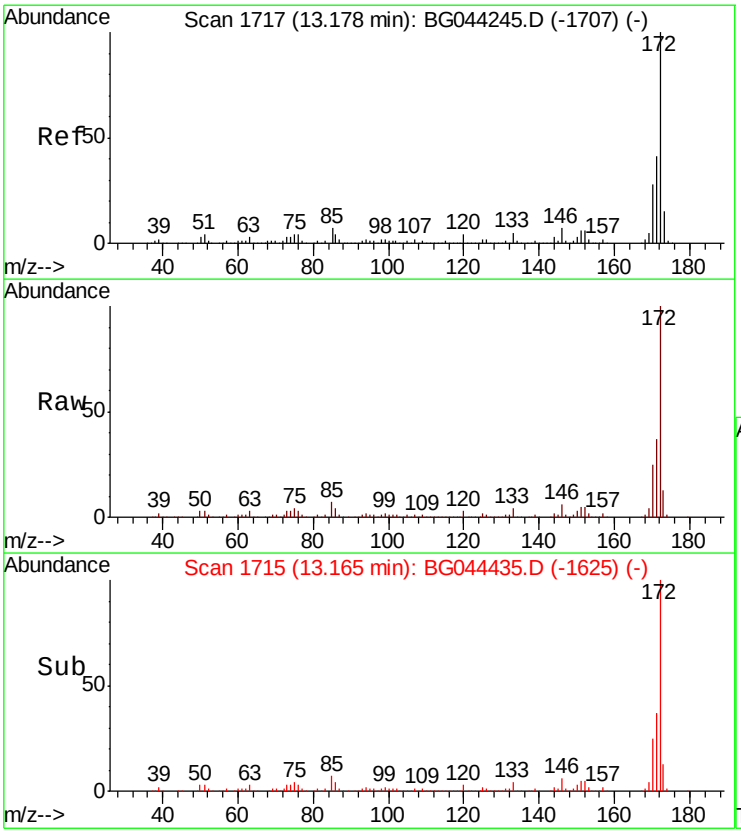
#42
2,4,6-Tribromophenol
Concen: 44.481 ng
RT: 16.03 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 128707

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.2	115.8
141	35.6	28.3	42.5

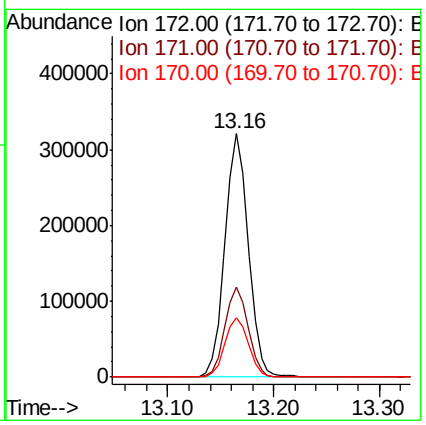


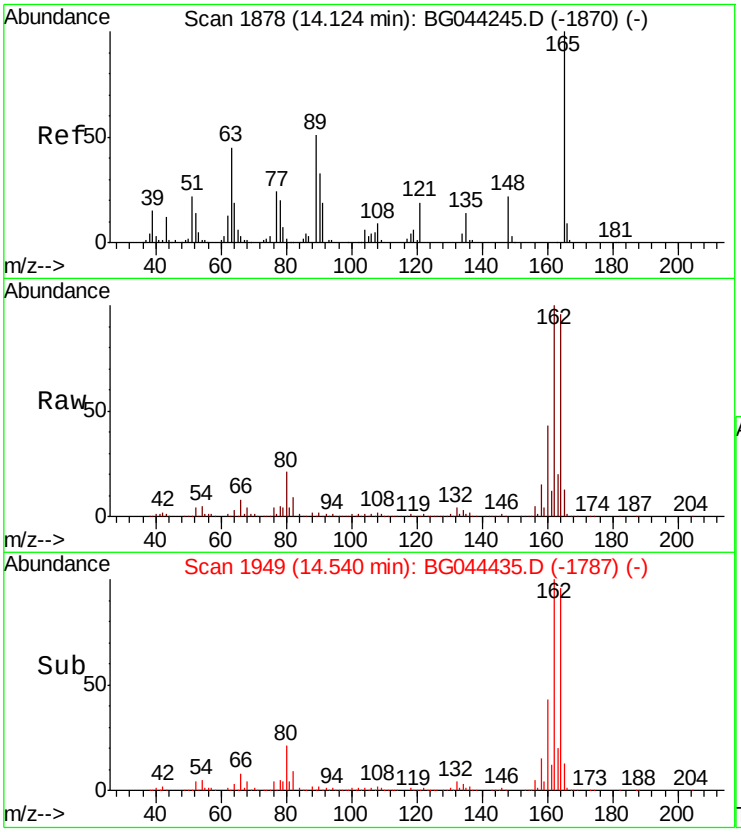


#45
2-Fluorobiphenyl
Concen: 33.377 ng
RT: 13.16 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Tgt Ion:172 Resp: 491275

Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.9	49.3
170	24.5	22.0	33.0



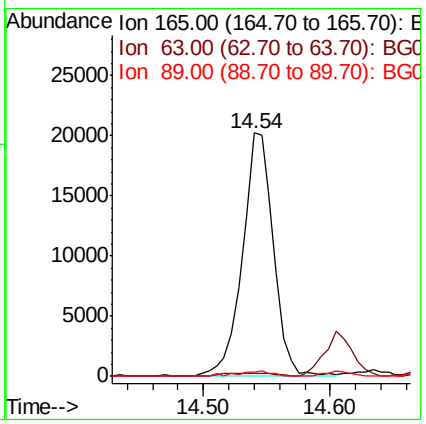


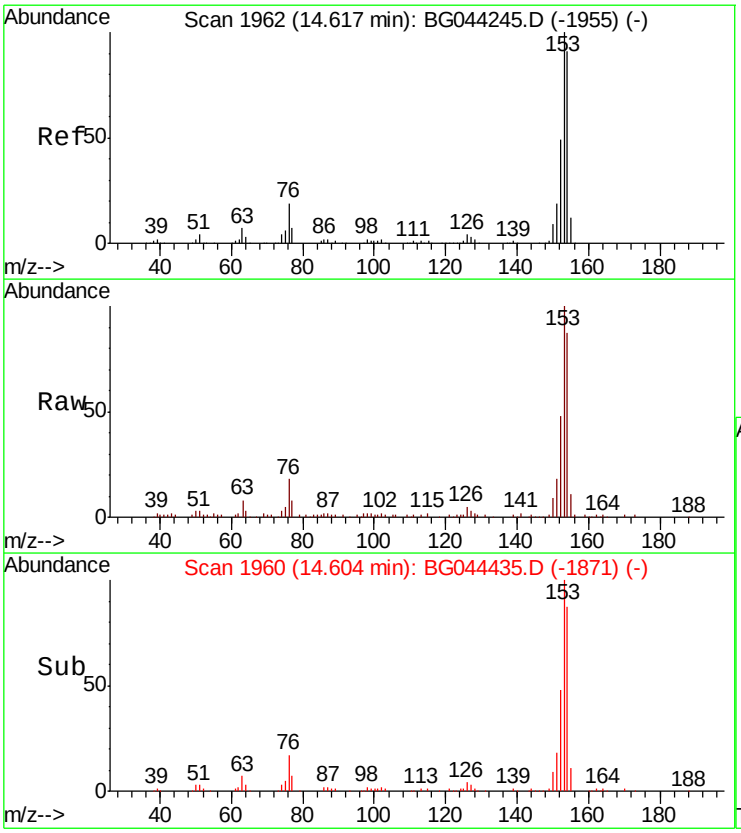
#51
2,6-Dinitrotoluene
Concen: 8.711 ng
RT: 14.54 min Scan# 1949
Delta R.T. 0.42 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 34411

Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.7	58.1#
89	1.6	40.4	60.6#

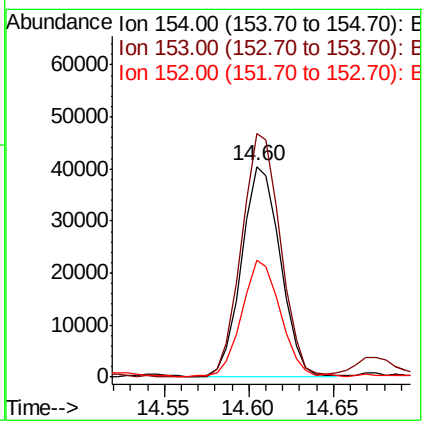


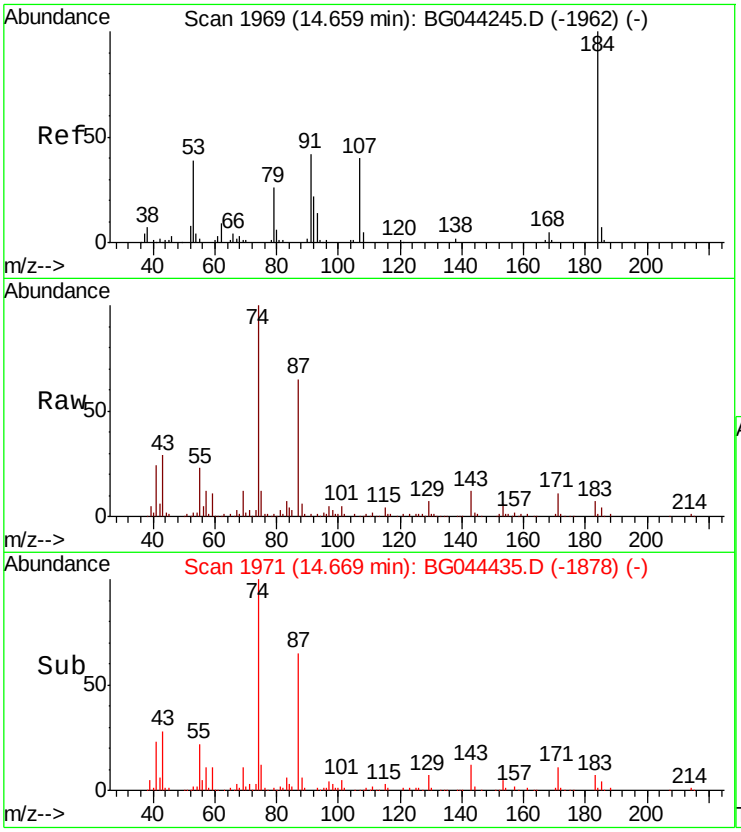


#52
Acenaphthene
Concen: 4.779 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Tgt Ion:154 Resp: 64276

Ion	Ratio	Lower	Upper
154	100		
153	115.6	87.9	131.9
152	55.6	43.1	64.7



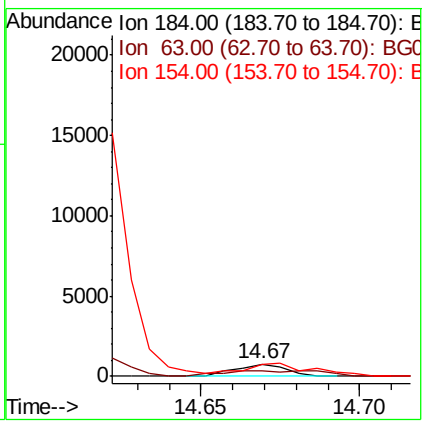


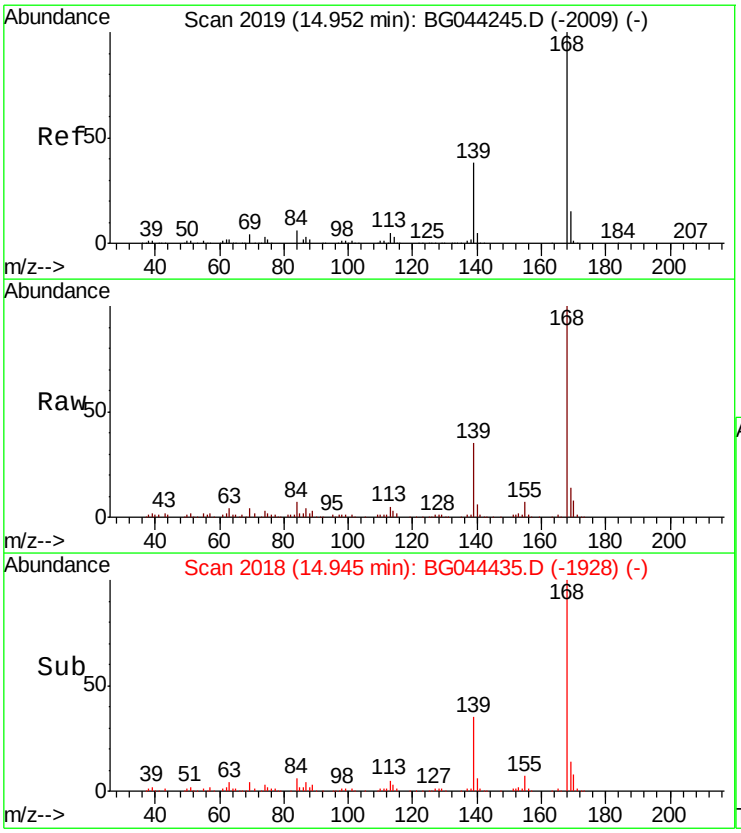
#54
2,4-Dinitrophenol
Concen: 7.942 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.02 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 822

Ion	Ratio	Lower	Upper
184	100		
63	45.6	44.1	66.1
154	95.0	45.4	68.0#

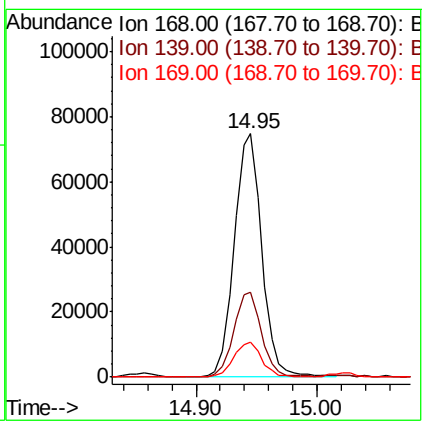


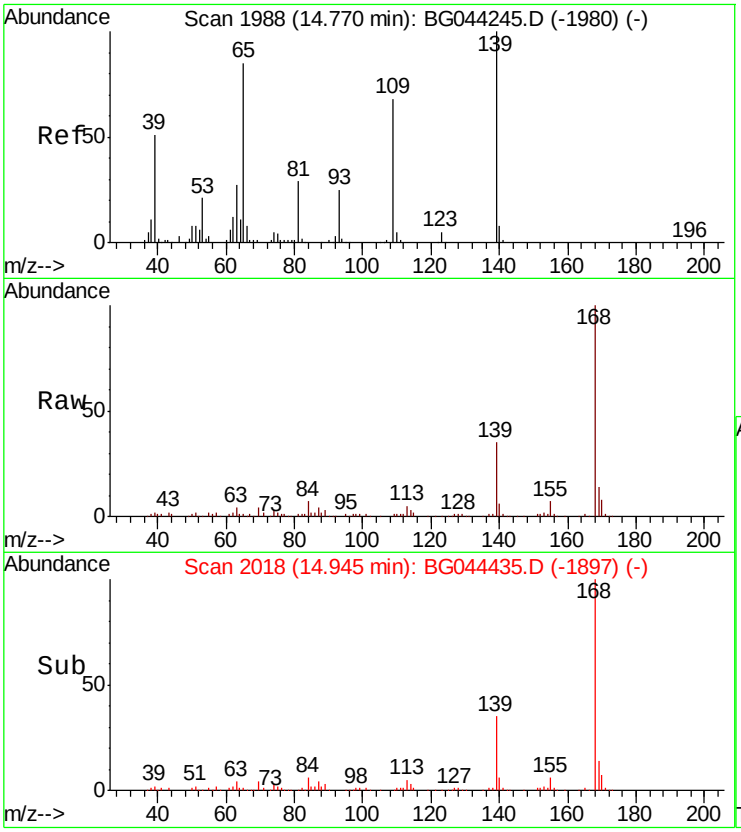


#55
Dibenzofuran
Concen: 5.839 ng
RT: 14.95 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Tgt Ion:168 Resp: 118910

Ion	Ratio	Lower	Upper
168	100		
139	34.9	30.5	45.7
169	14.5	11.7	17.5



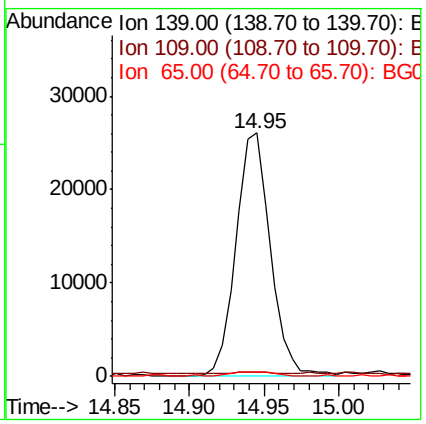


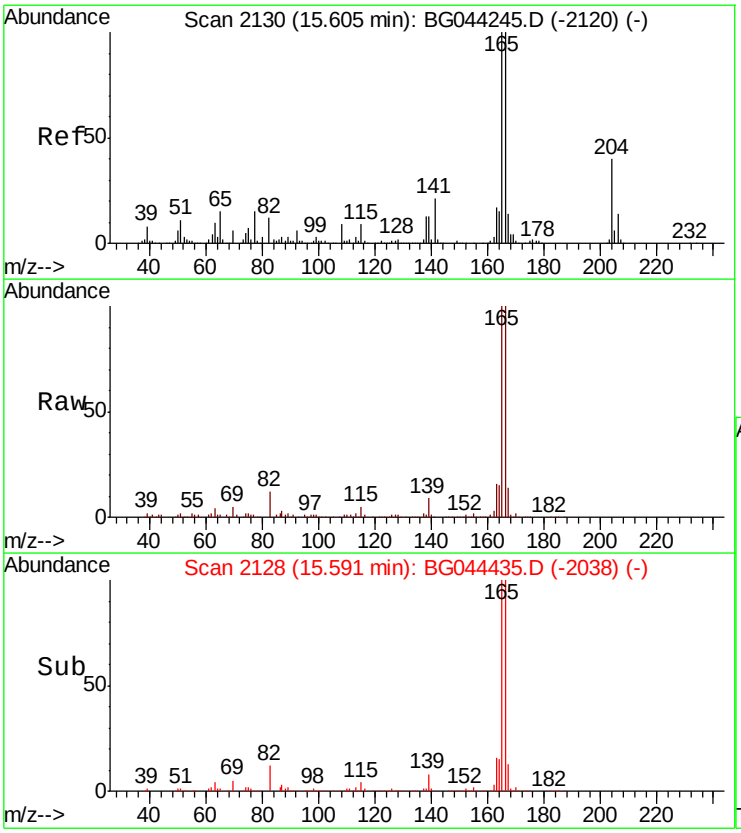
#56
4-Nitrophenol
Concen: 13.092 ng
RT: 14.95 min Scan# 2018
Delta R.T. 0.18 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 41915

Ion	Ratio	Lower	Upper
139	100		
109	2.0	47.5	87.5#
65	1.7	64.9	104.9#

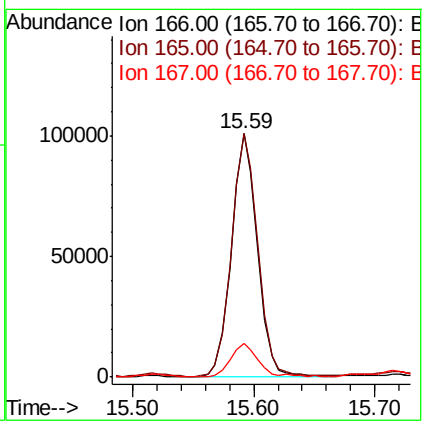


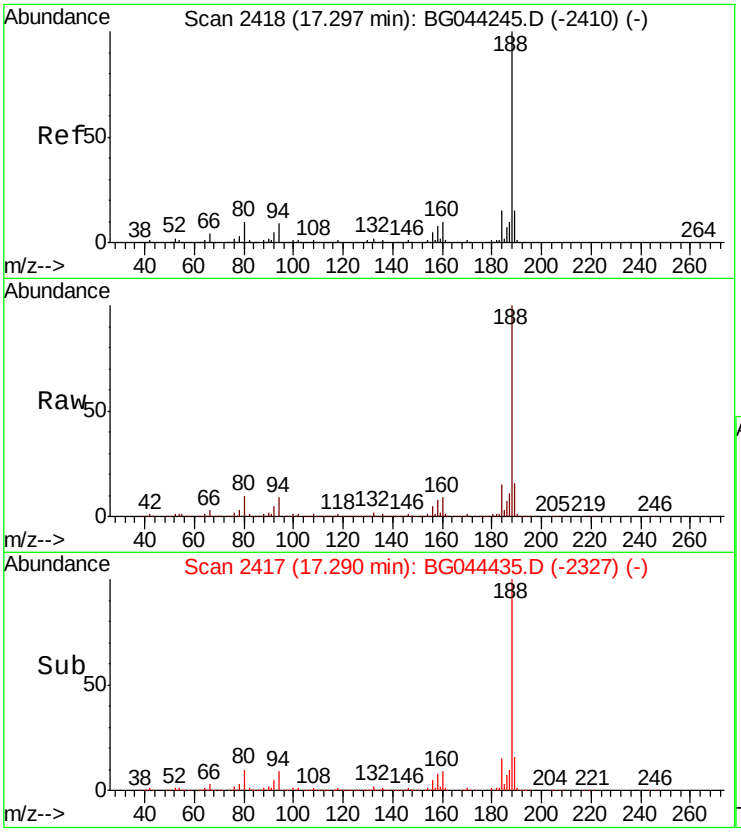


#58
Fluorene
Concen: 9.297 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Tgt Ion:166 Resp: 149121

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.9	119.9
167	13.7	11.4	17.0



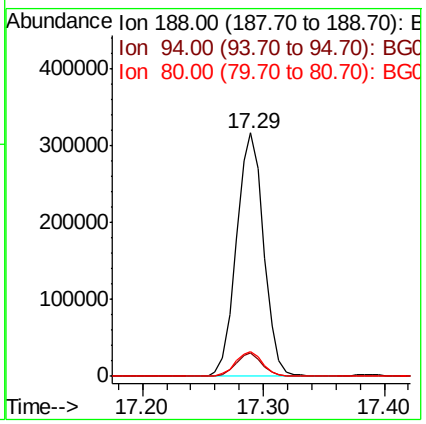


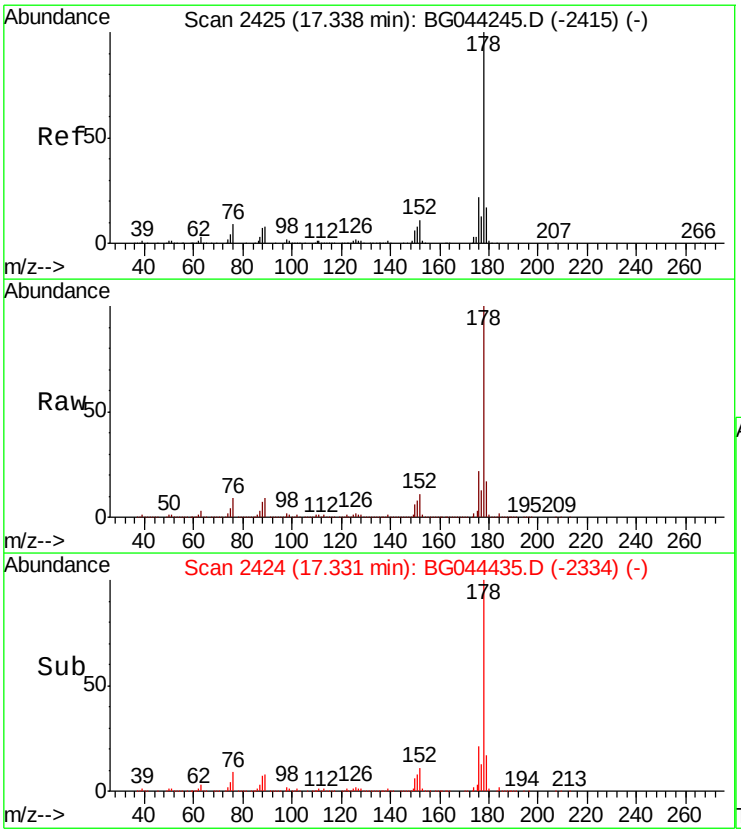
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 497204

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	9.9	7.7	11.5

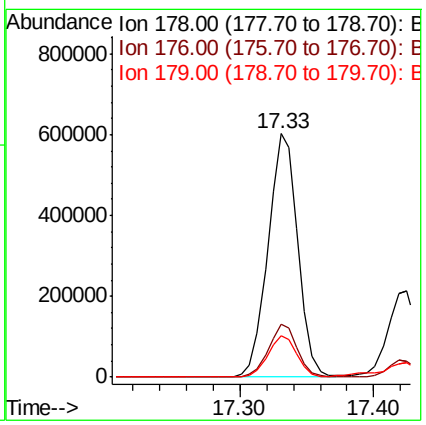


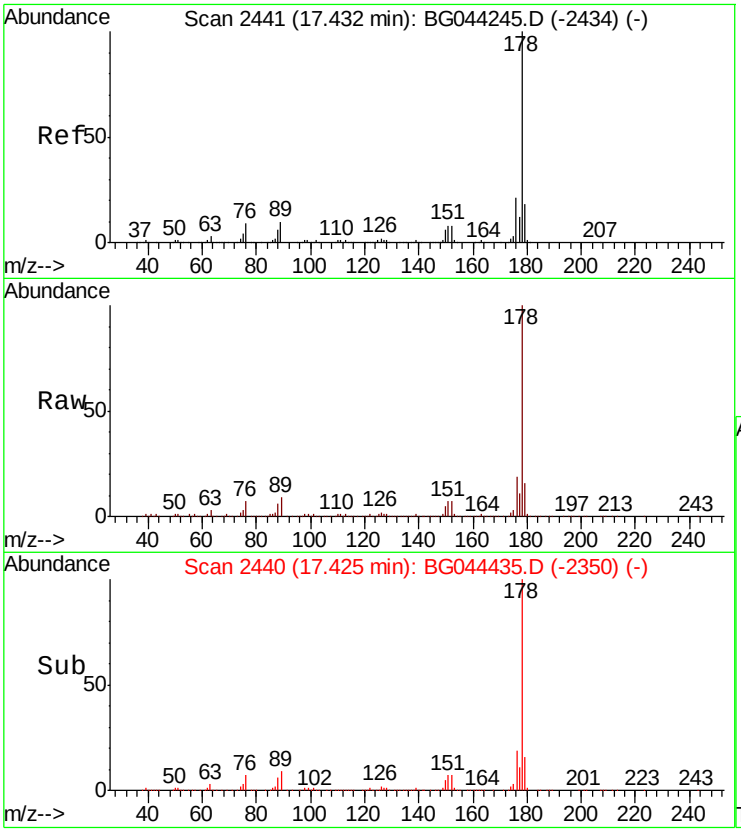


#71
Phenanthrene
Concen: 38.710 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Tgt Ion:178 Resp: 932001

Ion	Ratio	Lower	Upper
178	100		
176	21.5	17.7	26.5
179	17.2	13.7	20.5



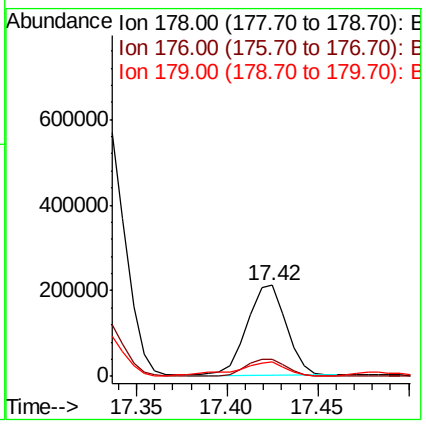


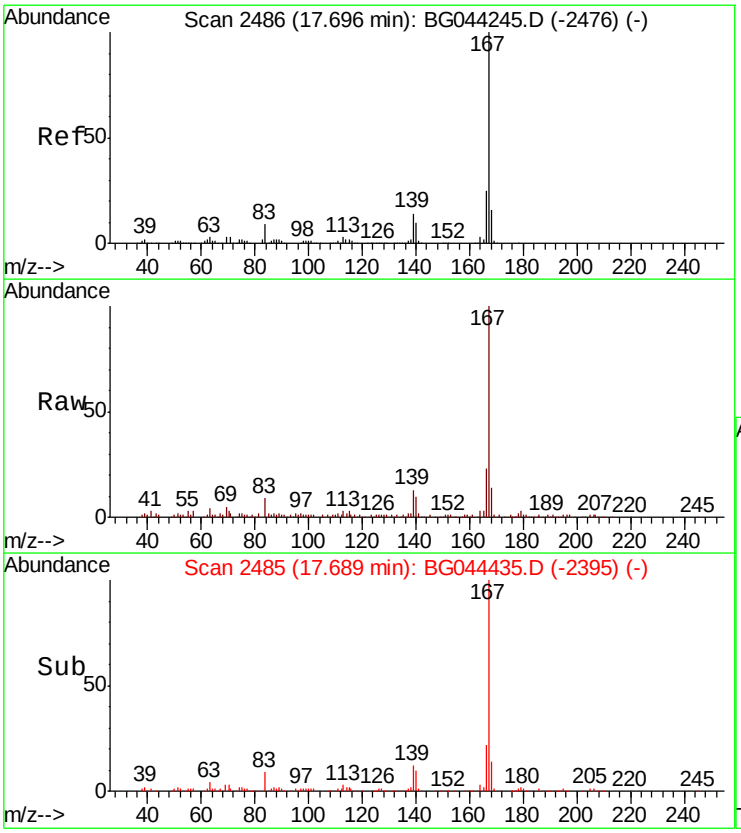
#72
Anthracene
Concen: 13.488 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 321058

Ion	Ratio	Lower	Upper
178	100		
176	18.6	17.0	25.4
179	16.2	14.4	21.6

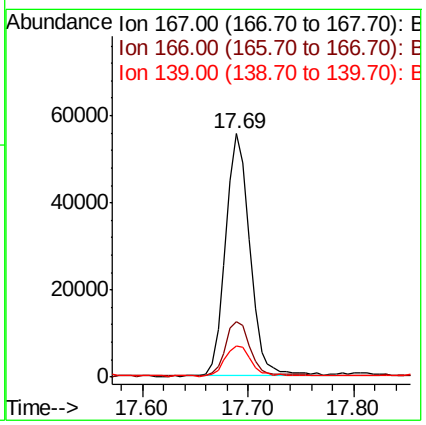


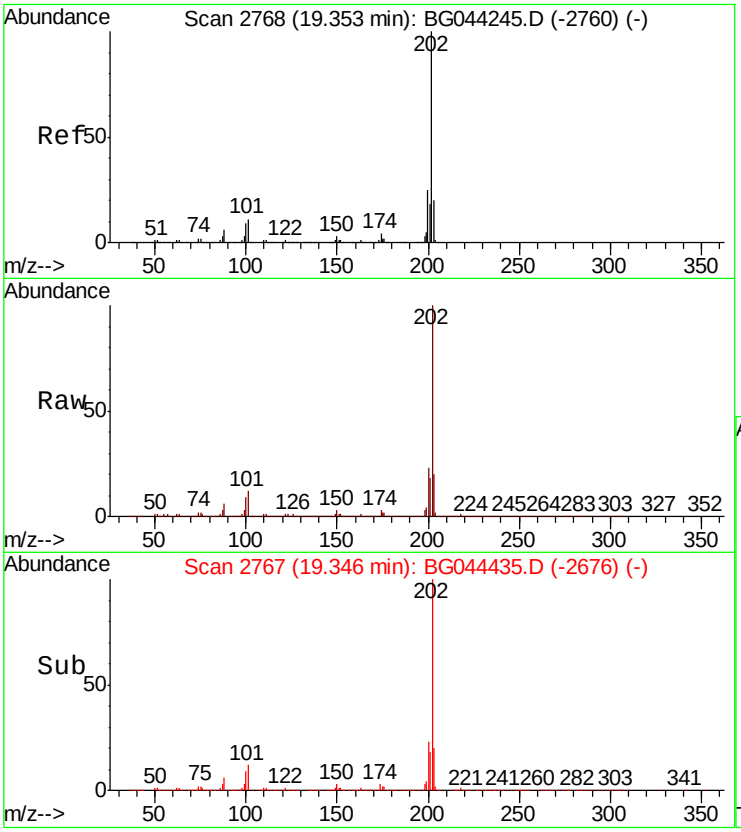


#73
Carbazole
Concen: 4.053 ng
RT: 17.69 min Scan# 2485
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Tgt Ion:167 Resp: 88928

Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.8	29.6
139	12.8	11.1	16.7



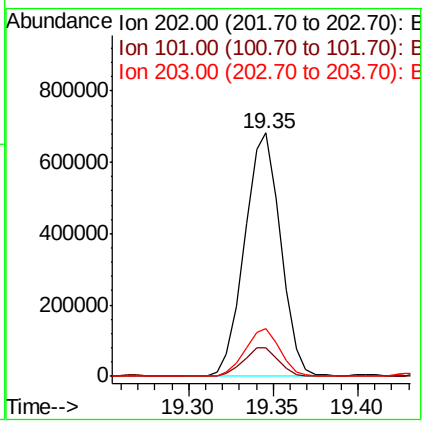


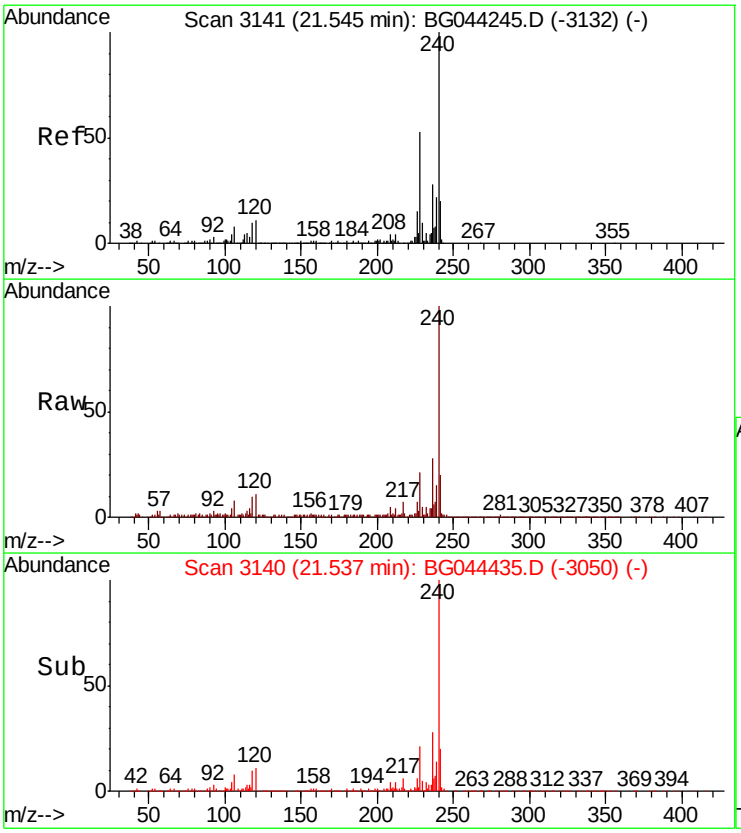
#75
Fluoranthene
Concen: 36.174 ng
RT: 19.35 min Scan# 2767
Delta R.T. 0.01 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1007515

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.3
203	19.7	0.0	39.9

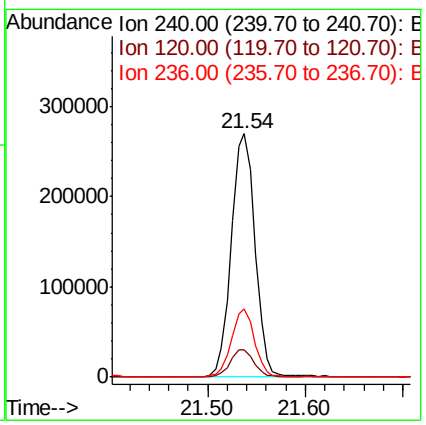


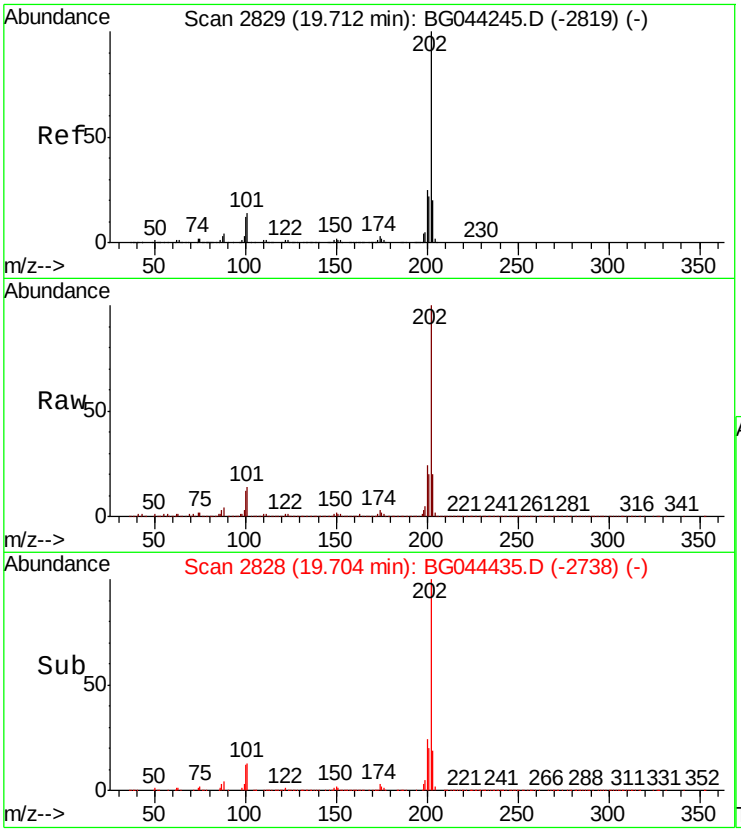


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Tgt Ion:240 Resp: 452813

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.4	12.6
236	28.0	22.1	33.1



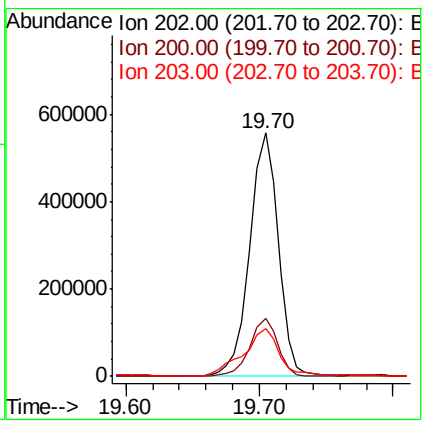


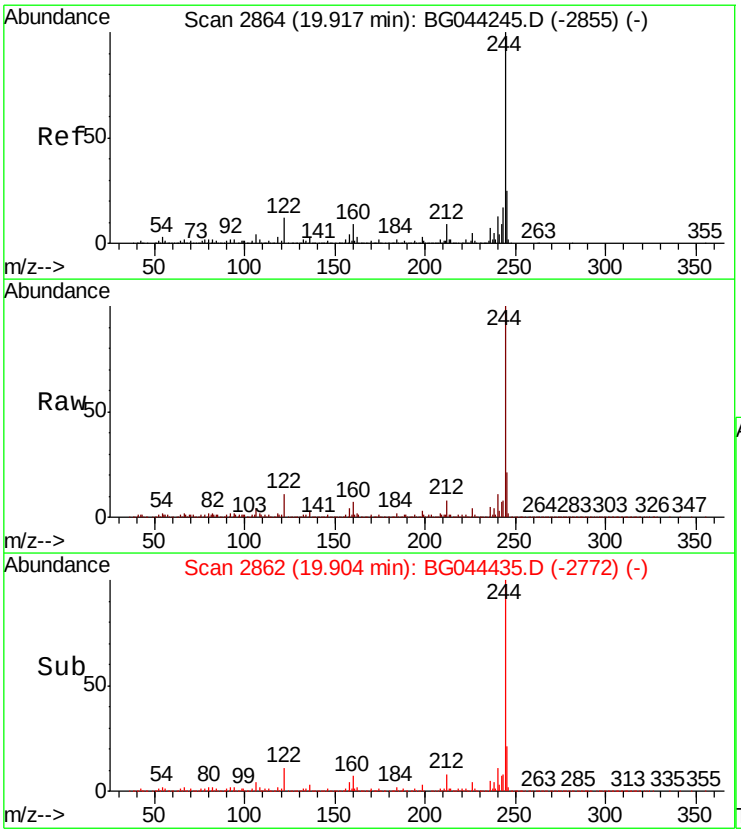
#78
Pyrene
Concen: 28.146 ng
RT: 19.70 min Scan# 2828
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 818477

Ion	Ratio	Lower	Upper
202	100		
200	23.8	20.0	30.0
203	19.6	16.2	24.2

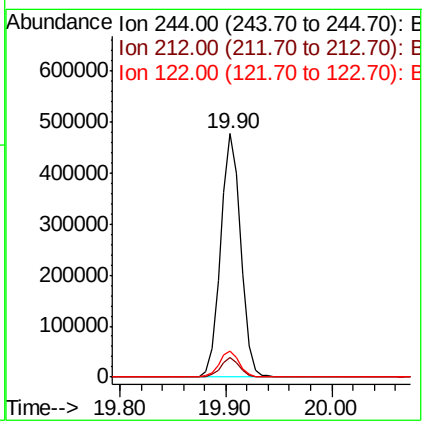


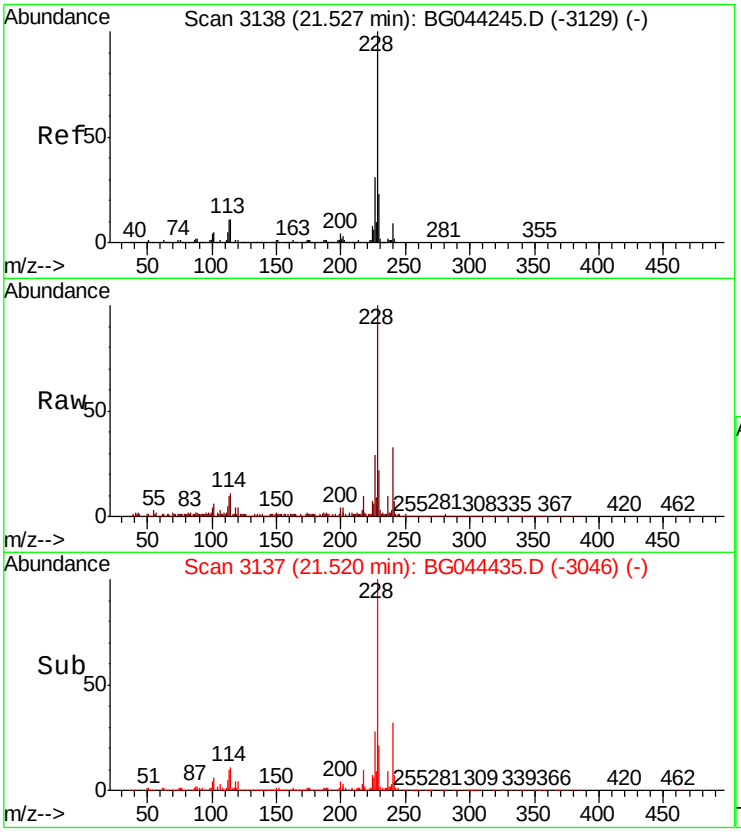


#79
Terphenyl-d14
Concen: 28.614 ng
RT: 19.90 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Tgt Ion:244 Resp: 629938

Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.4	11.2
122	10.8	9.8	14.6



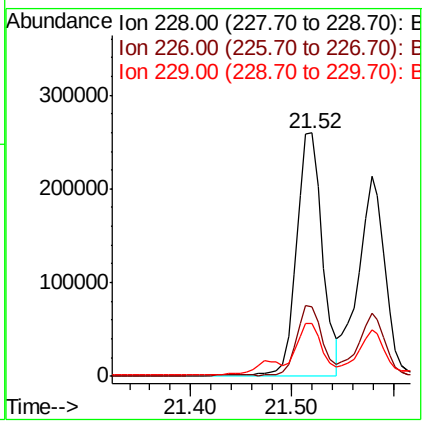


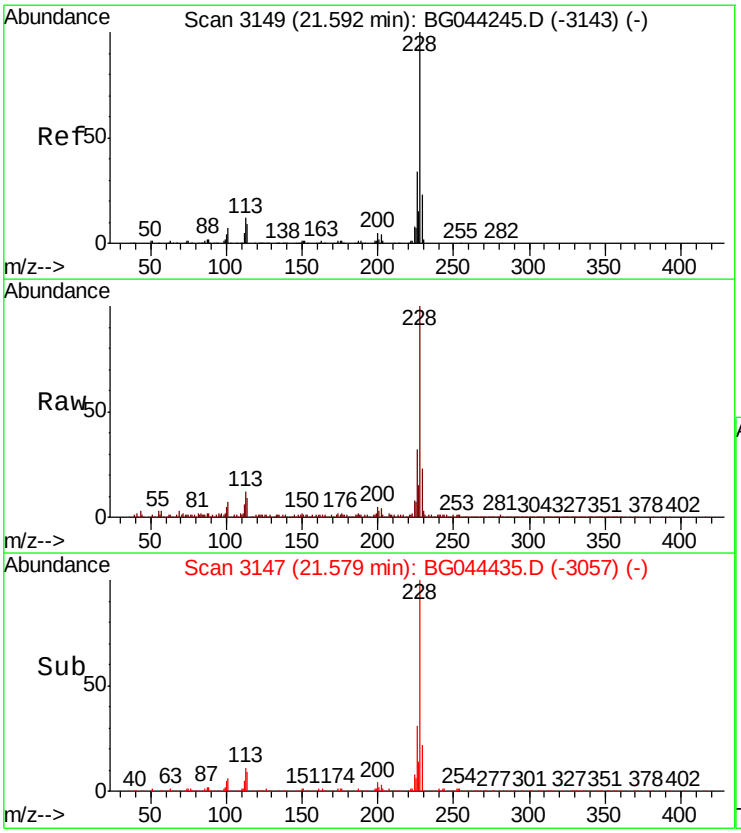
#81
Benzo(a)anthracene
Concen: 16.508 ng
RT: 21.52 min Scan# 3137
Delta R.T. 0.01 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 460699

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.7	37.1
229	21.8	18.2	27.4

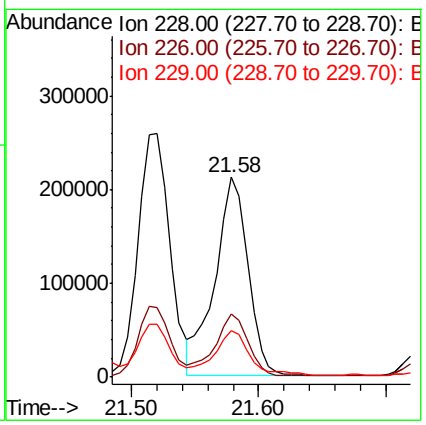


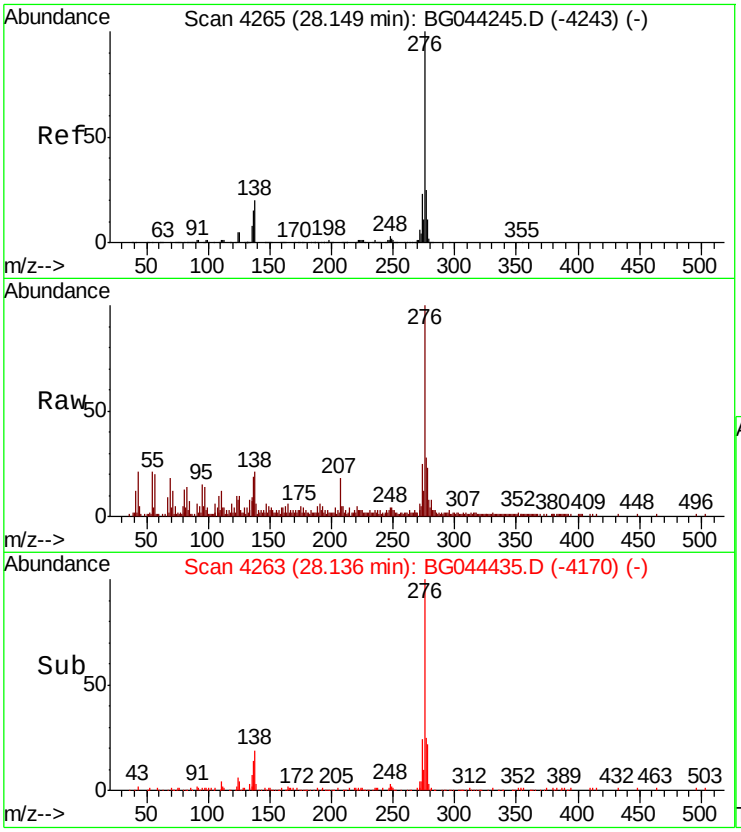


#83
Chrysene
Concen: 14.296 ng
RT: 21.58 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Tgt Ion:228 Resp: 385630

Ion	Ratio	Lower	Upper
228	100		
226	31.8	27.1	40.7
229	23.3	17.9	26.9



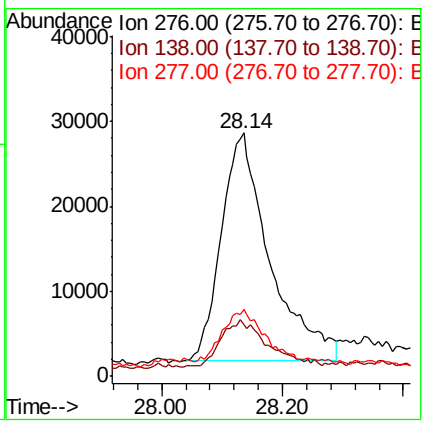


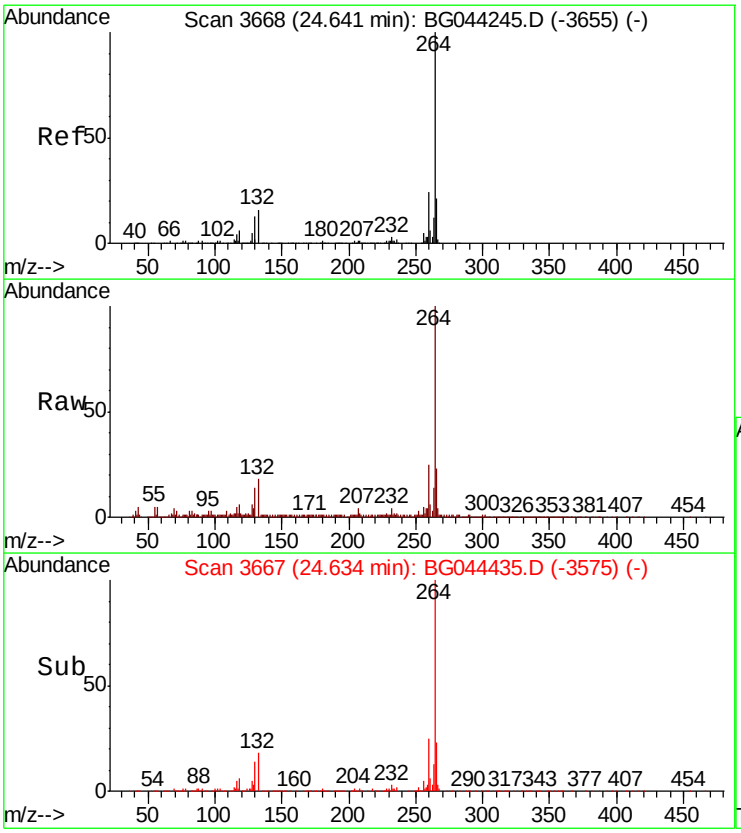
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.213 ng
RT: 28.14 min Scan# 4263
Delta R.T. 0.02 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 148253

Ion	Ratio	Lower	Upper
276	100		
138	20.5	19.4	29.0
277	20.4	21.0	31.6#

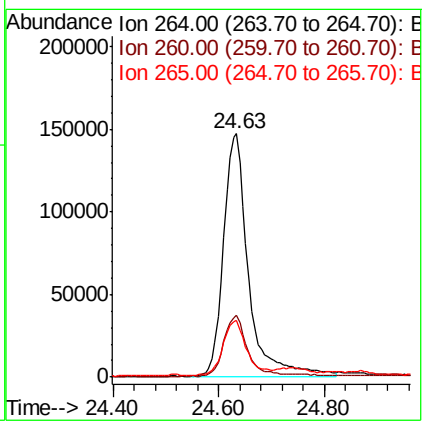


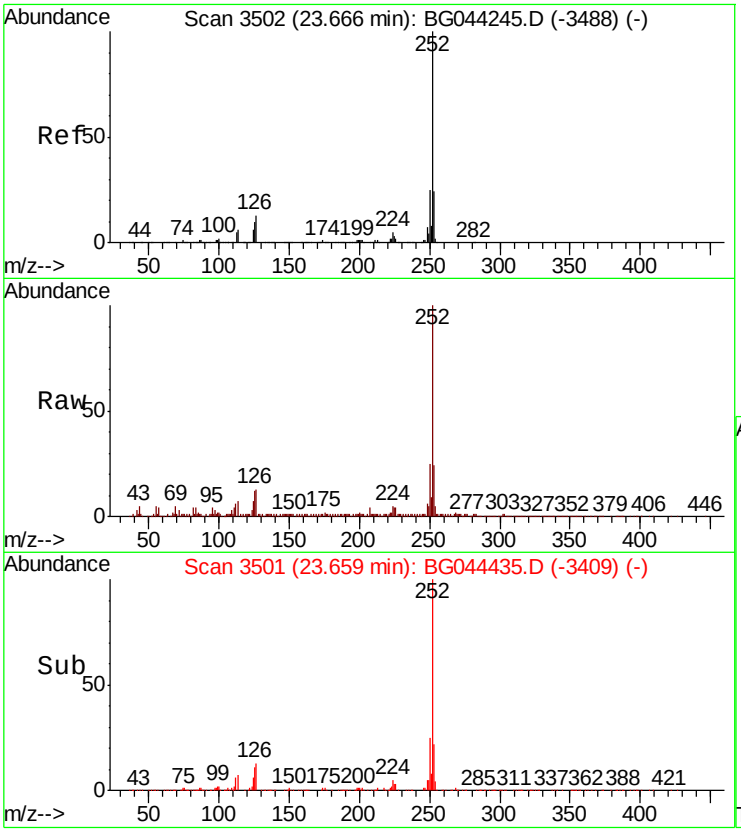


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.63 min Scan# 3667
Delta R.T. 0.01 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Tgt Ion:264 Resp: 478389

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.2
265	23.2	16.7	25.1



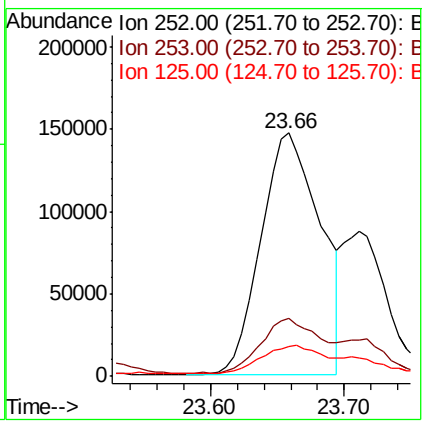


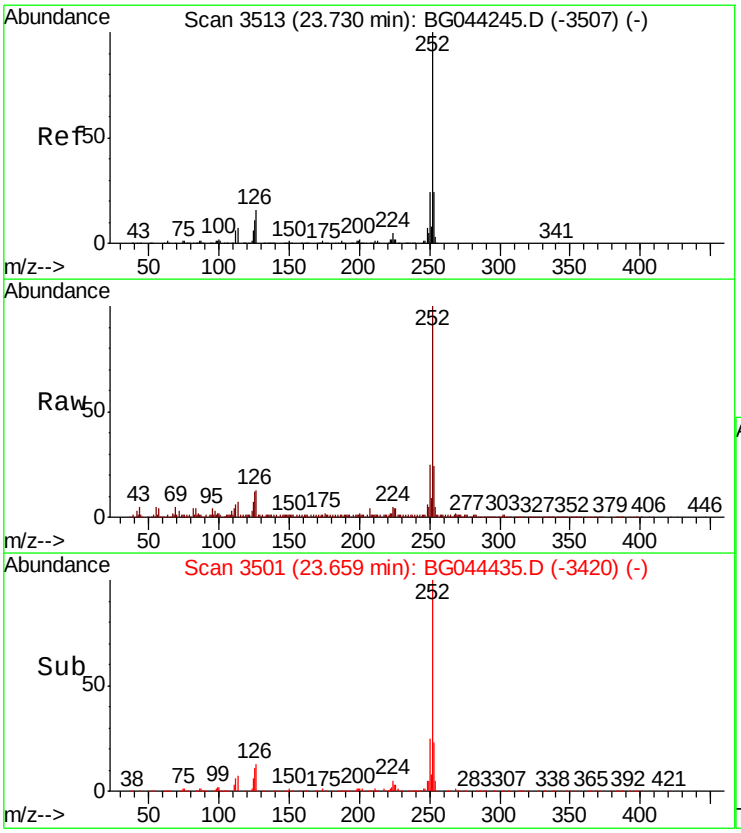
#88
Benzo(b)fluoranthene
Concen: 16.448 ng
RT: 23.66 min Scan# 3501
Delta R.T. 0.01 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 453415

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	12.1	8.4	12.6

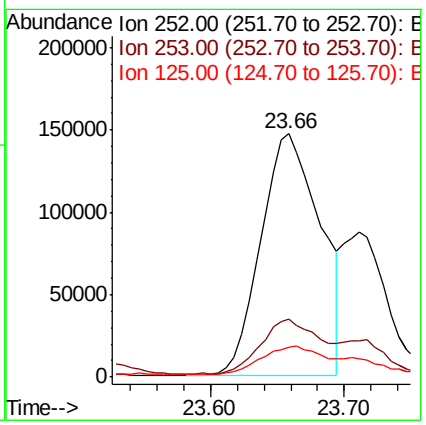


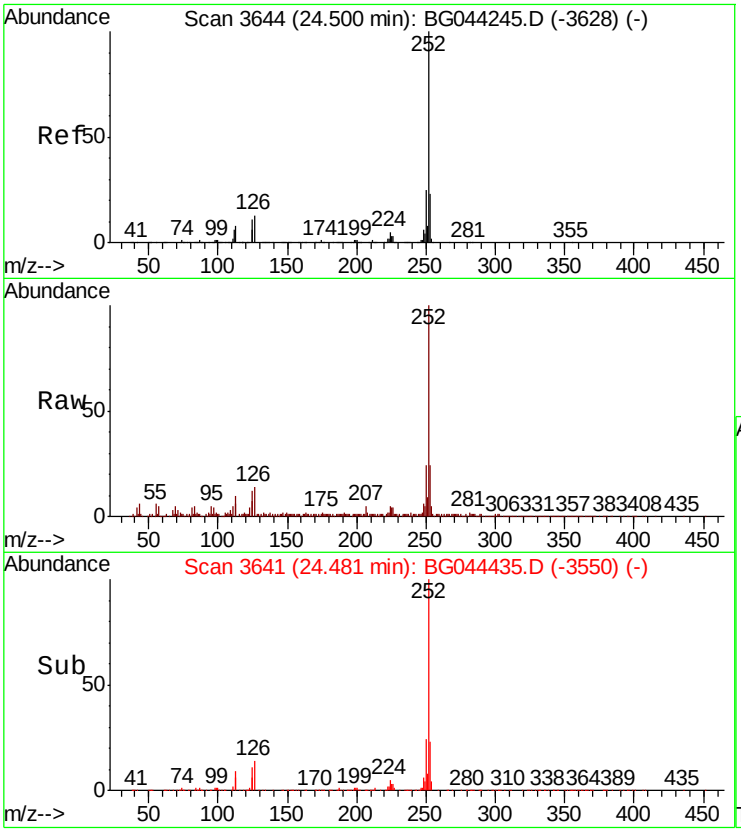


#89
Benzo(k)fluoranthene
Concen: 16.876 ng
RT: 23.66 min Scan# 3501
Delta R.T. -0.05 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Tgt Ion:252 Resp: 453415

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.1	28.7
125	12.1	8.6	12.8



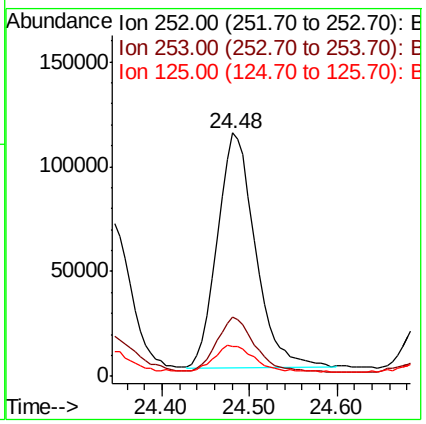


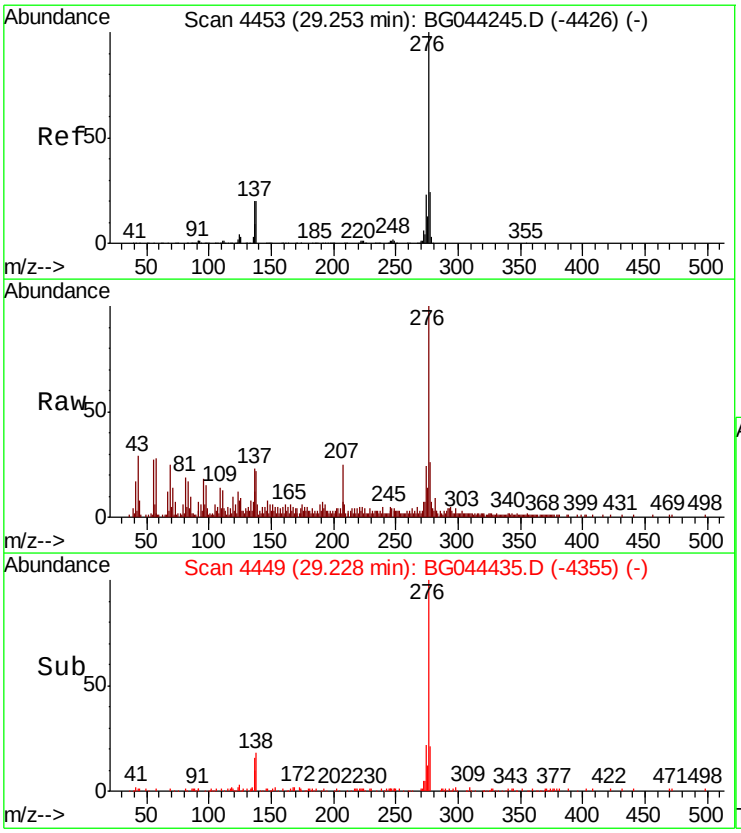
#90
Benzo(a)pyrene
Concen: 12.877 ng
RT: 24.48 min Scan# 3641
Delta R.T. 0.01 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 335617

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	12.4	8.6	13.0





#92
Benzo(g,h,i)perylene
Concen: 4.967 ng
RT: 29.23 min Scan# 4449
Delta R.T. 0.02 min
Lab File: BG044435.D
Acq: 14 Feb 2020 2:31

Tgt Ion:276 Resp: 128264

Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.8	28.2
138	22.5	16.2	24.2