Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
Data File : BG045490.D
Acq On : 28 May 2020 00:23
Operator : CG/JU
Sample : L2745-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 28 00:59:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 13:40:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	109896	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	444299	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	299315	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	600546	20.00	ng		0.00
76) Chrysene-d12	21.61	240	525448	20.00	ng		0.00
87) Perylene-d12	24.76	264	565285	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	437699	77.84	ng		0.00
7) Phenol-d6	7.18	99	707096	88.35	ng		0.00
23) Nitrobenzene-d5	9.12	82	505850	62.09	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	335997	87.78	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1166436	66.10	ng		0.00
79) Terphenyl-d14	19.96	244	1524545	67.67	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.12	70	66434	12.003	ng	#	82
50) Dimethylphthalate	14.05	163	162464	7.912	ng		98
54) 2,4-Dinitrophenol	14.74	184	57	5.476	ng	#	1
57) 2,4-Dinitrotoluene	14.60	165	38558	5.746	ng	#	24
67) 4-Bromophenyl-phenylether	16.10	248	23081	3.549	ng	#	1
71) Phenanthrene	17.39	178	111874	4.267	ng		96
75) Fluoranthene	19.40	202	300838	9.022	ng		96
77) Benzidine	19.96	184	30060	2.037	ng	#	87
78) Pyrene	19.76	202	275522	9.199	ng		98
81) Benzo(a)anthracene	21.59	228	163429	5.583	ng		98
83) Chrysene	21.66	228	145219	5.160	ng		97
86) Indeno(1,2,3-cd)pyrene	28.34	276	99641	2.707	ng	#	95
88) Benzo(b)fluoranthene	23.77	252	220141	7.261	ng	#	98
89) Benzo(k)fluoranthene	23.77	252	220141	7.729	ng		99
90) Benzo(a)pyrene	24.61	252	158434	5.611	ng		95
92) Benzo(g,h,i)perylene	29.45	276	83802	2.953	ng		97

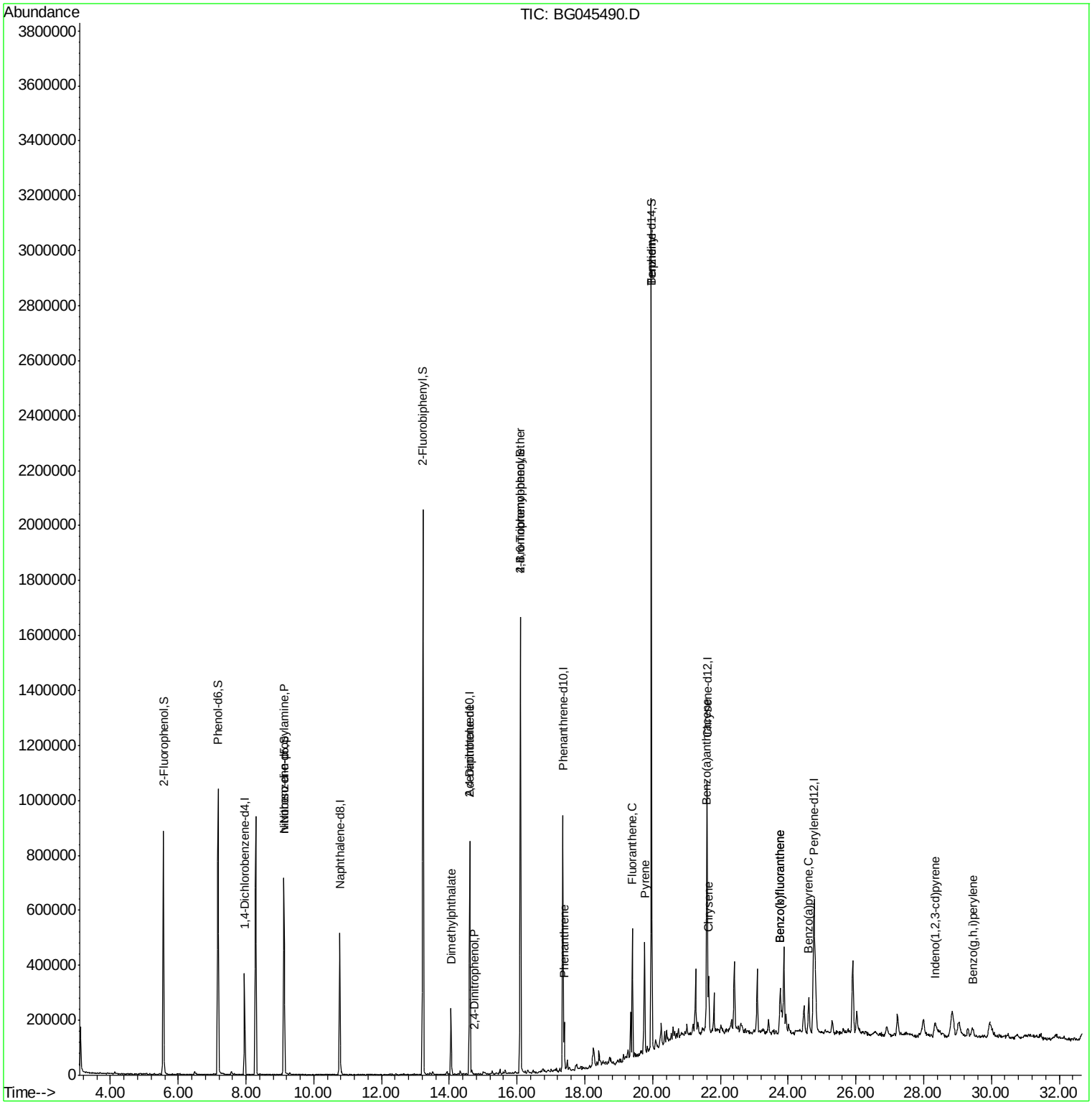
(#) = qualifier out of range (m) = manual integration (+) = signals summed

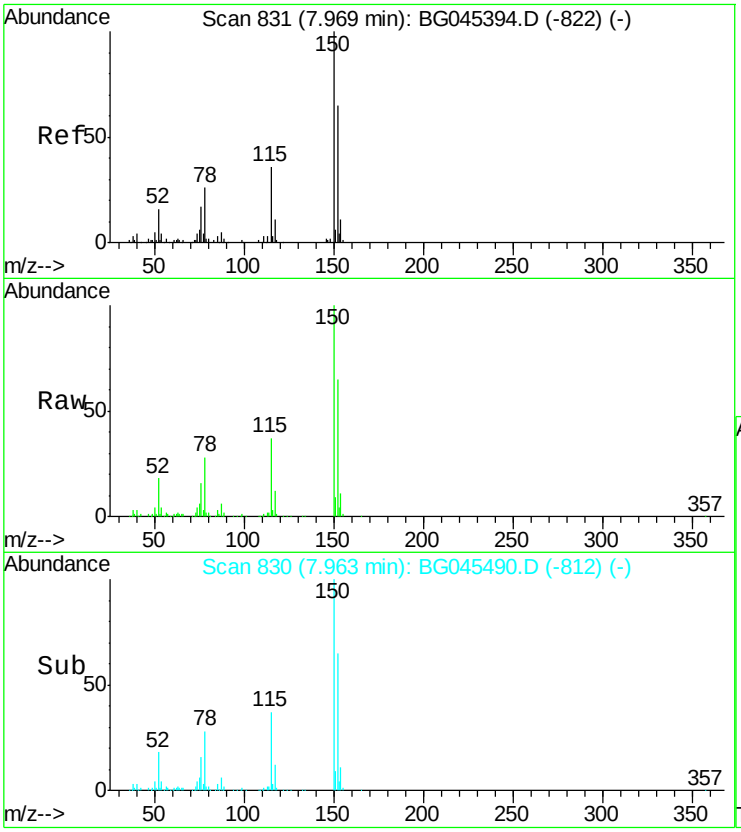
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
Data File : BG045490.D
Acq On : 28 May 2020 00:23
Operator : CG/JU
Sample : L2745-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 28 00:59:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 13:40:45 2020
Response via : Initial Calibration



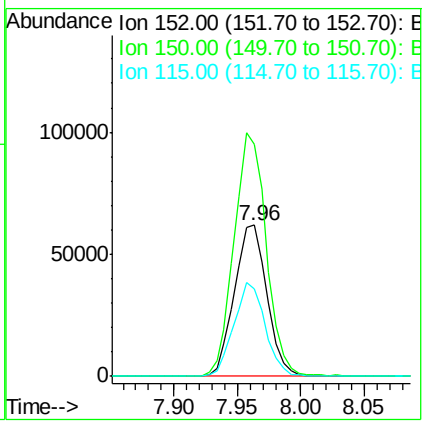


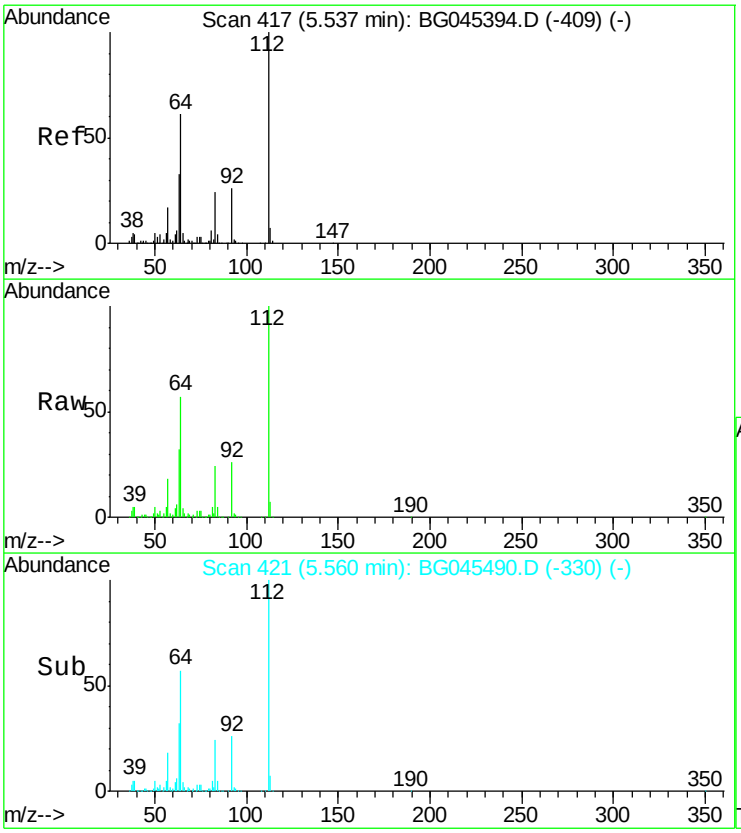
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.01 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 109896

Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.4	183.6
115	57.7	44.2	66.4

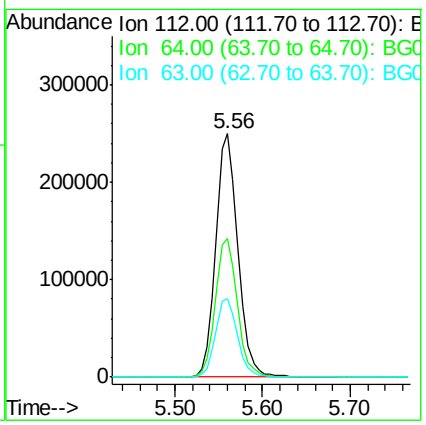


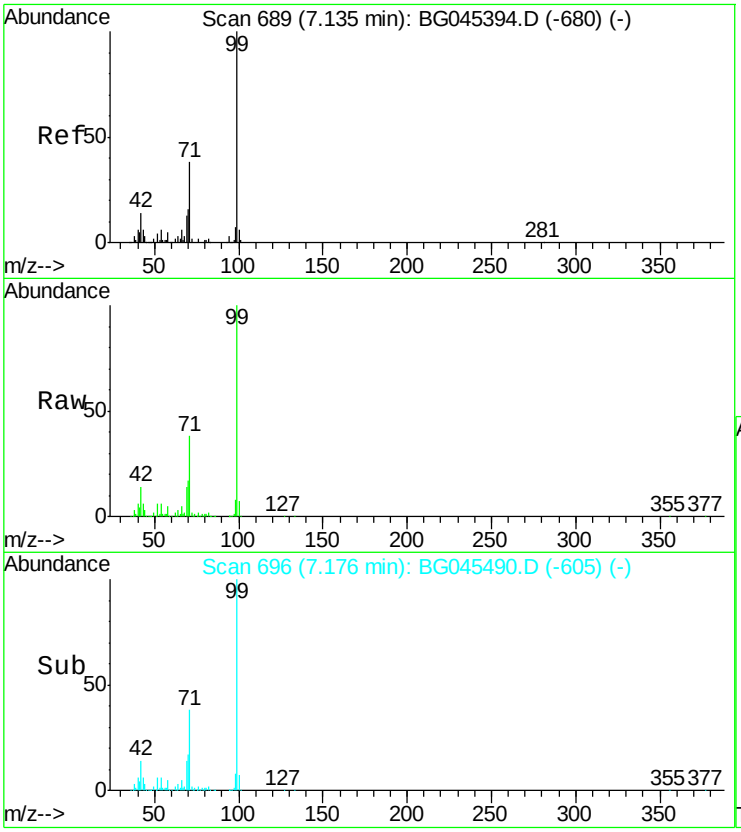


#5
2-Fluorophenol
Concen: 77.837 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.01 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion:112 Resp: 437699

Ion	Ratio	Lower	Upper
112	100		
64	57.1	48.6	72.8
63	32.5	26.5	39.7



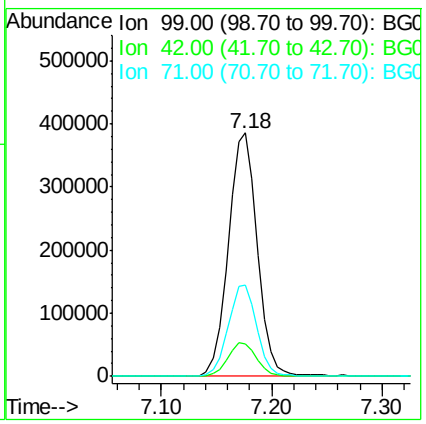


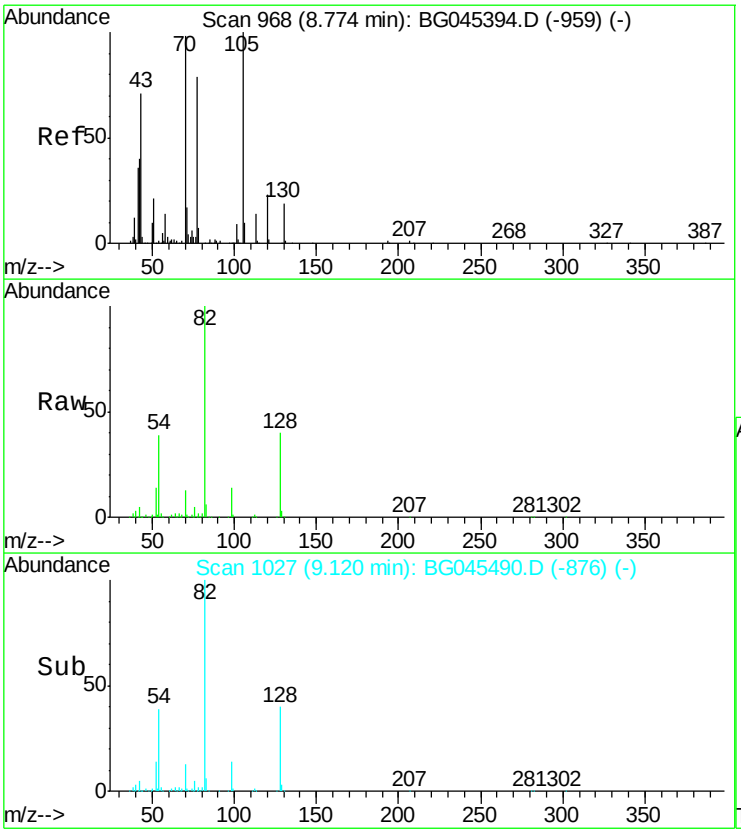
#7
Phenol-d6
Concen: 88.347 ng
RT: 7.18 min Scan# 696
Delta R.T. 0.01 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 707096

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.3	16.9
71	37.6	30.8	46.2

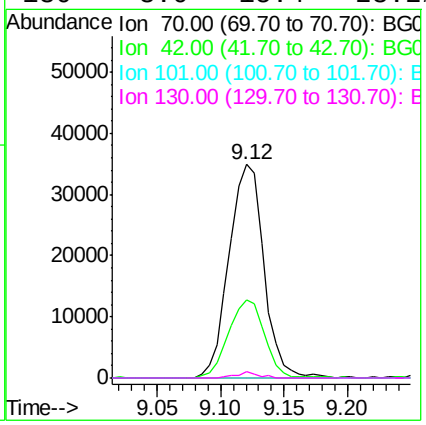


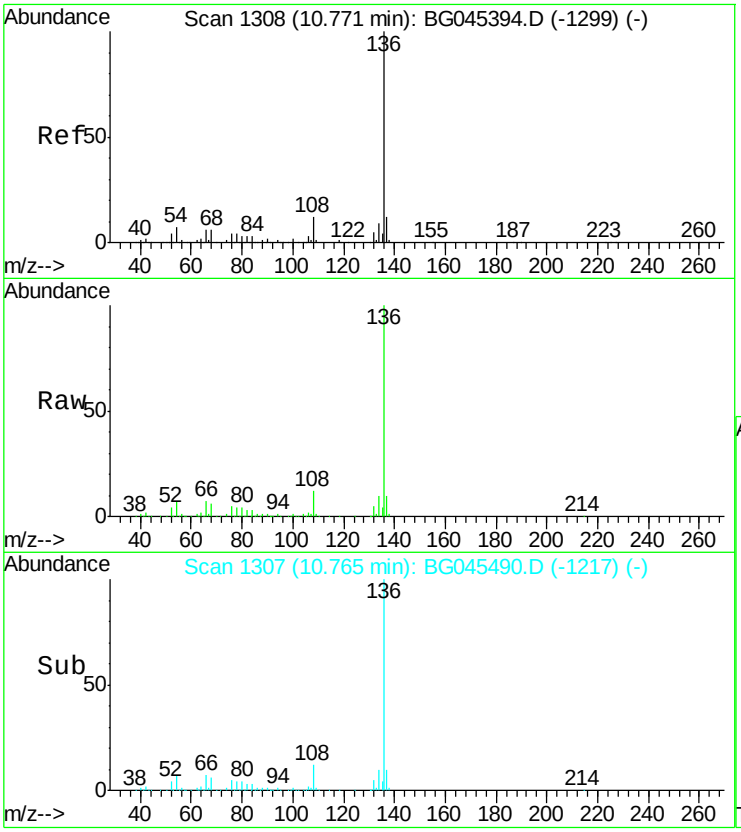


#19
n-Nitroso-di-n-propylamine
Concen: 12.003 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.36 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion: 70 Resp: 66434

Ion	Ratio	Lower	Upper
70	100		
42	36.7	33.2	49.8
101	0.0	7.8	11.6#
130	3.0	15.4	23.2#



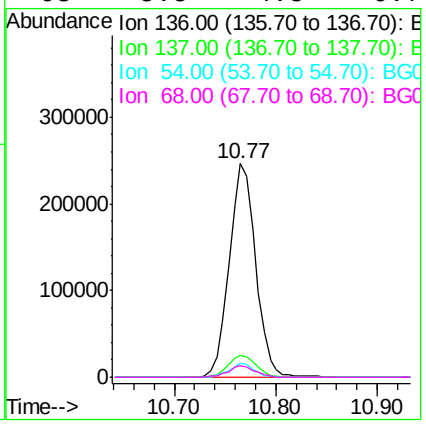


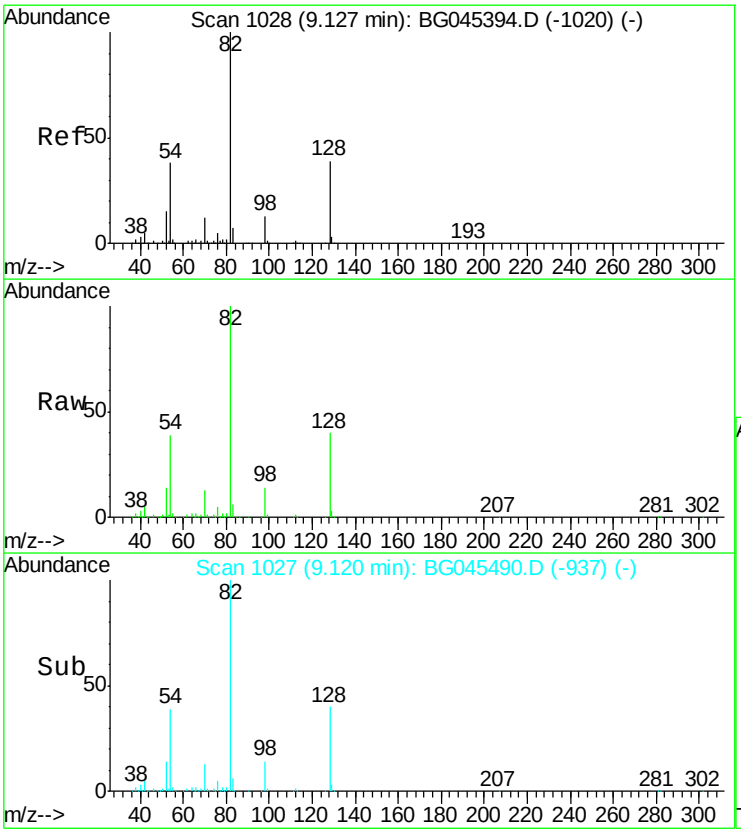
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 444299

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.4	14.2
54	6.7	5.8	8.6
68	5.5	4.5	6.7

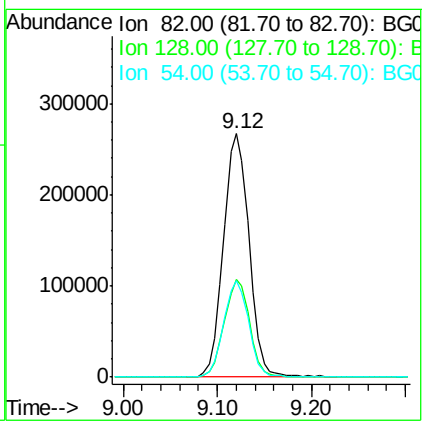


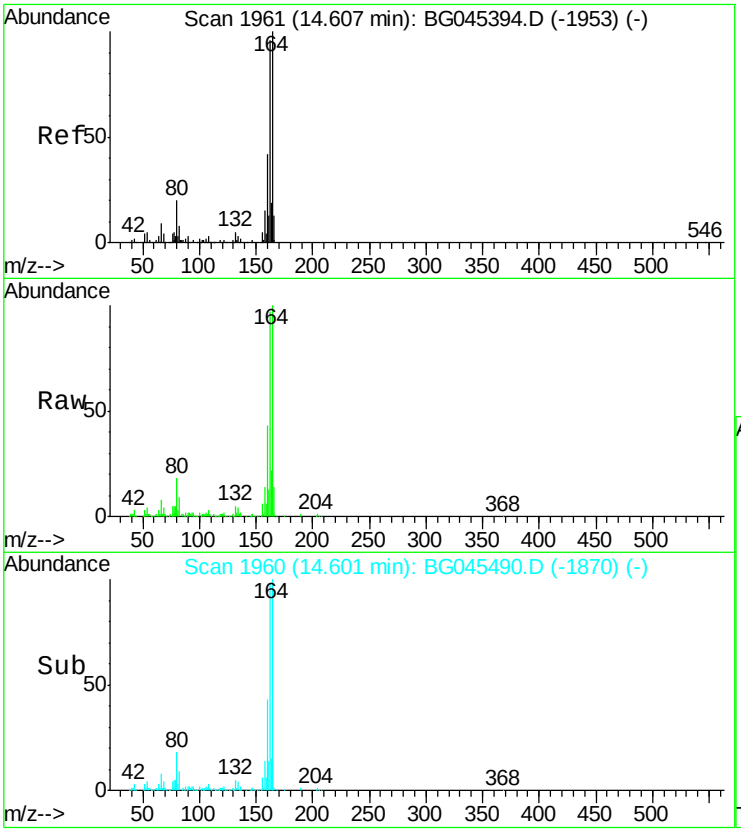


#23
Nitrobenzene-d5
Concen: 62.086 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion: 82 Resp: 505850

Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.9	46.3
54	39.5	30.3	45.5



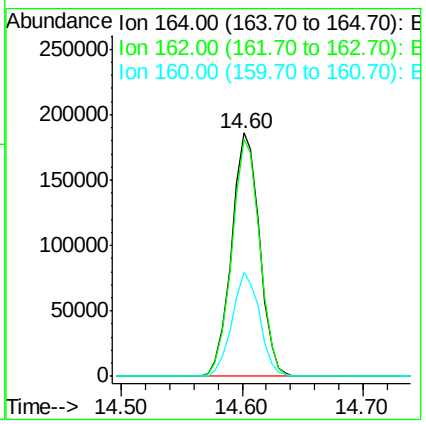


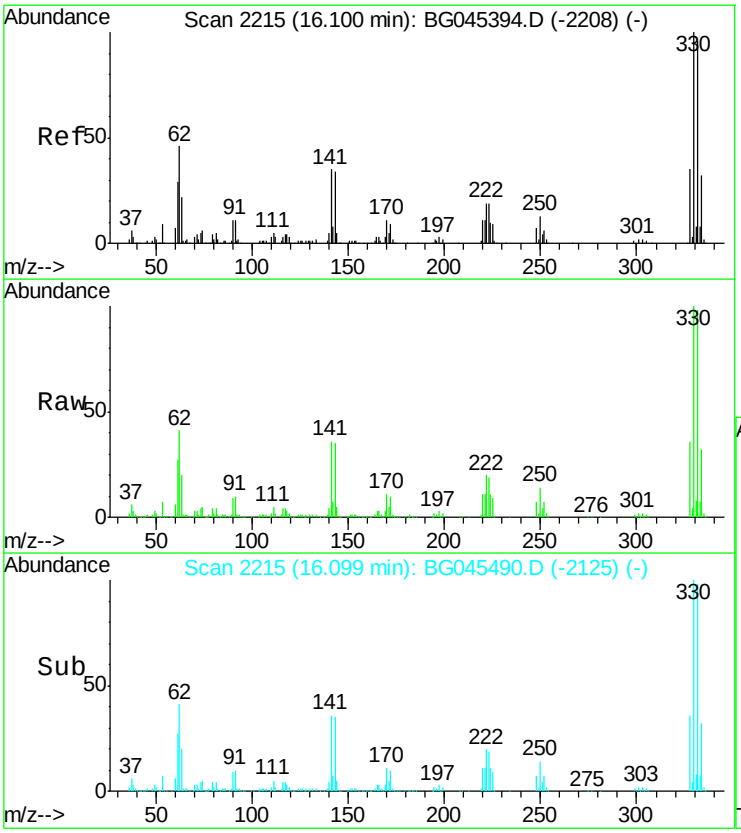
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 299315

Ion	Ratio	Lower	Upper
164	100		
162	97.5	76.9	115.3
160	42.8	33.8	50.8

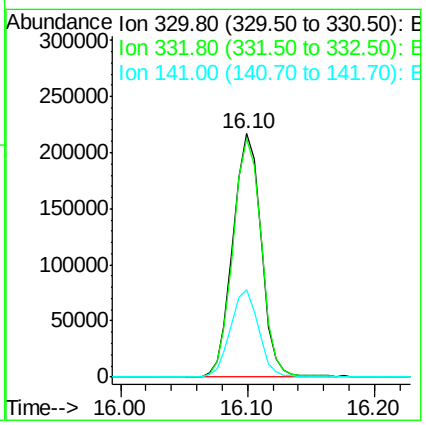


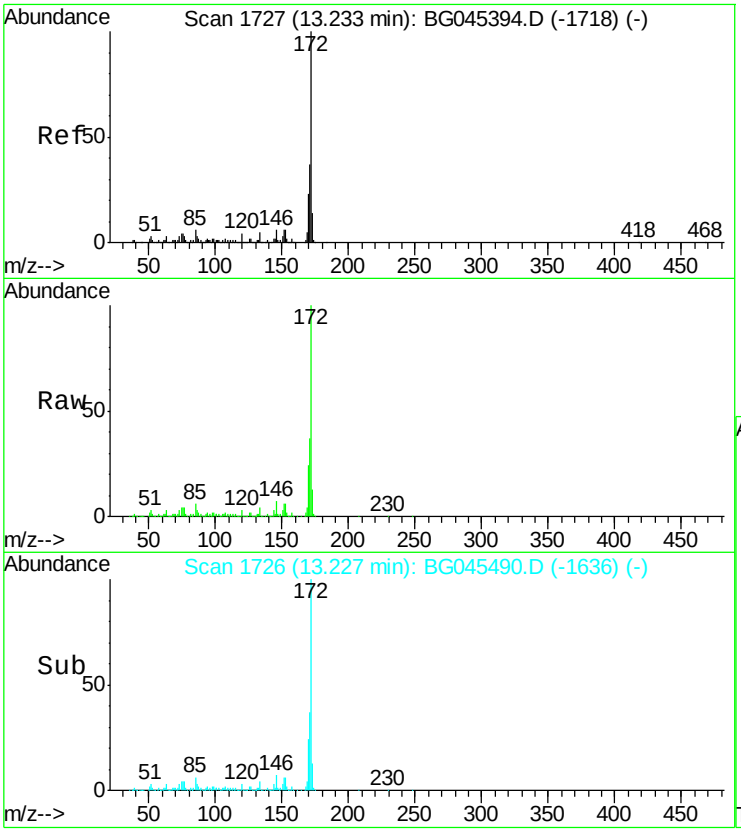


#42
2,4,6-Tribromophenol
Concen: 87.776 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion:330 Resp: 335997

Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.2	117.4
141	35.2	28.2	42.4



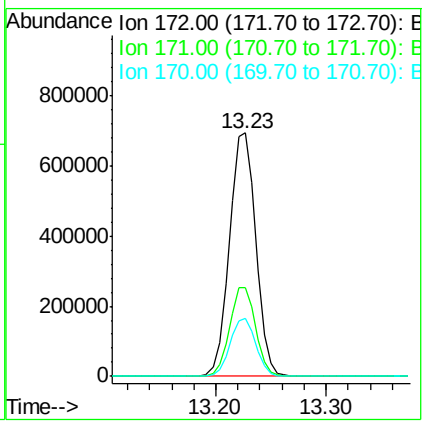


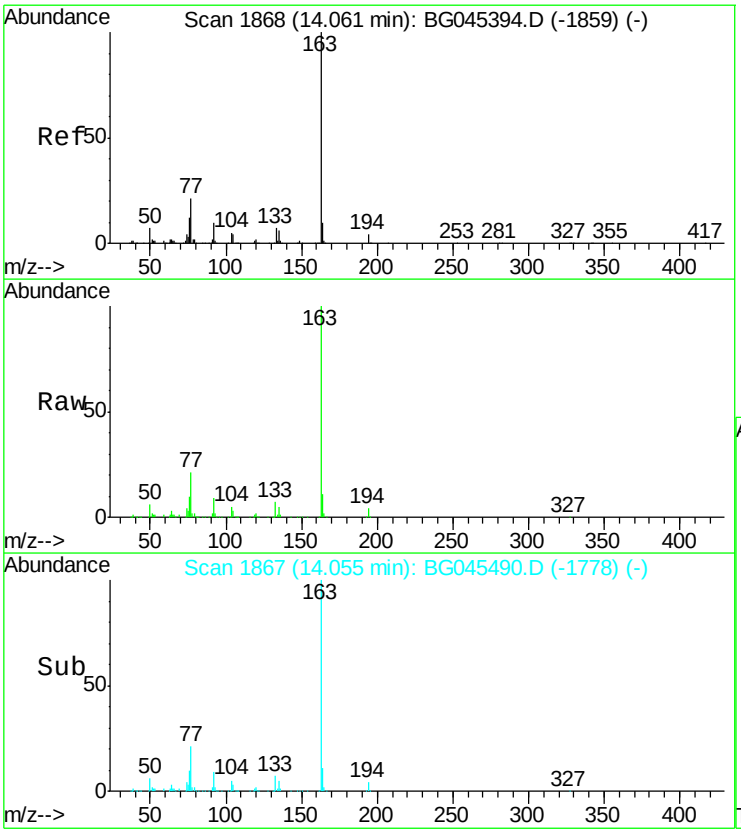
#45
2-Fluorobiphenyl
Concen: 66.101 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1166436

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	23.9	18.5	27.7

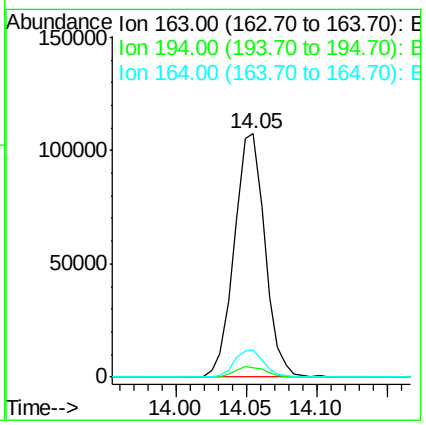


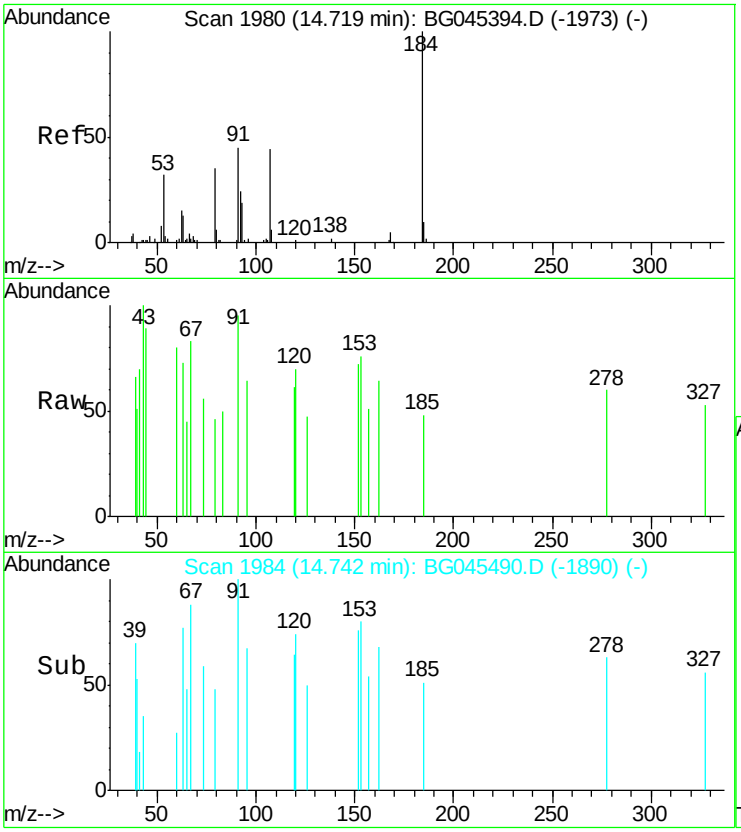


#50
Dimethylphthalate
Concen: 7.912 ng
RT: 14.05 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion:163 Resp: 162464

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	11.2	8.3	12.5



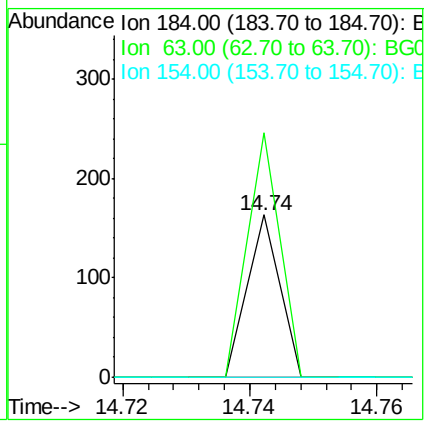


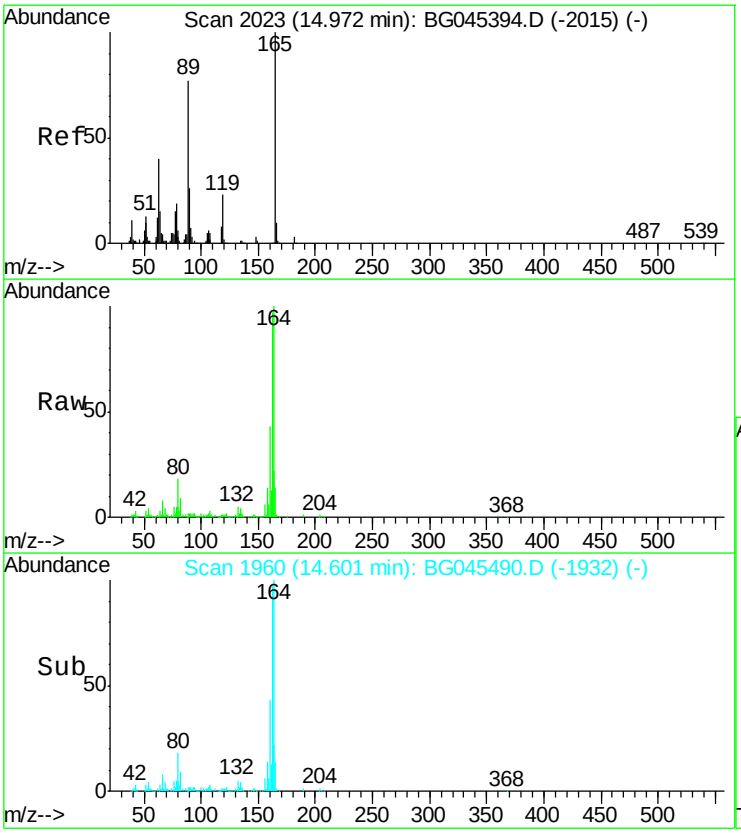
#54
2,4-Dinitrophenol
Concen: 5.476 ng
RT: 14.74 min Scan# 1984
Delta R.T. 0.02 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 57

Ion	Ratio	Lower	Upper
184	100		
63	150.9	47.8	71.6#
154	0.0	58.3	87.5#

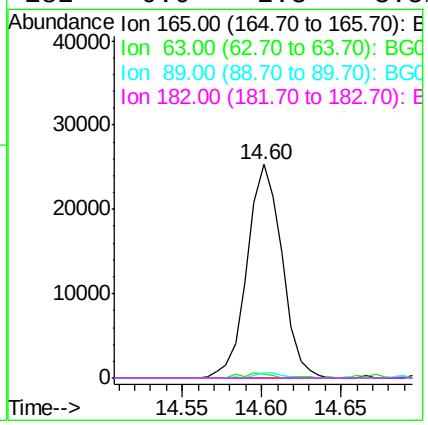


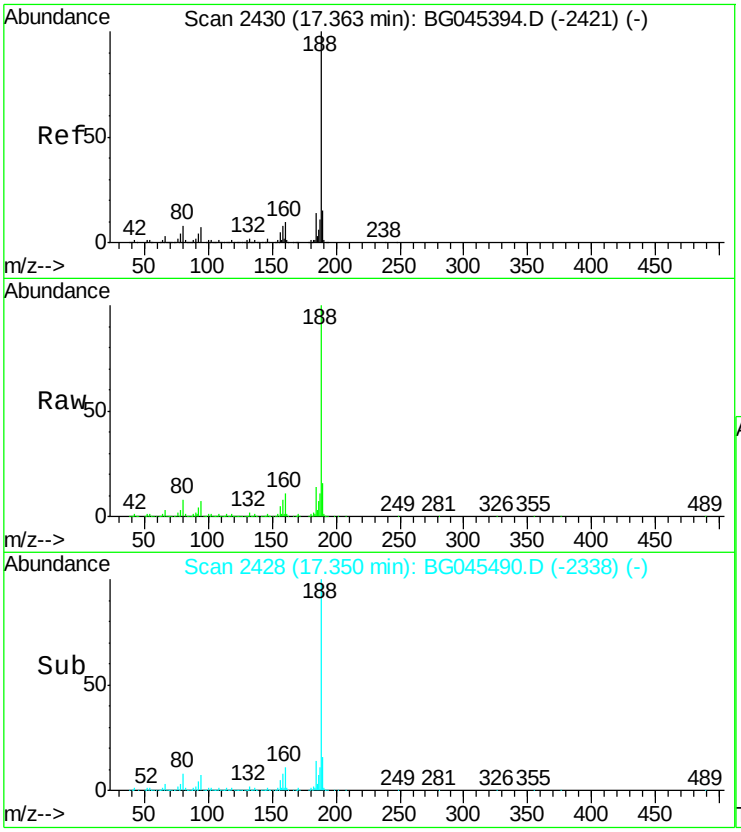


#57
2,4-Dinitrotoluene
Concen: 5.746 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.36 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion:165 Resp: 38558

Ion	Ratio	Lower	Upper
165	100		
63	2.0	32.5	48.7#
89	2.6	61.8	92.6#
182	0.0	2.3	3.5#



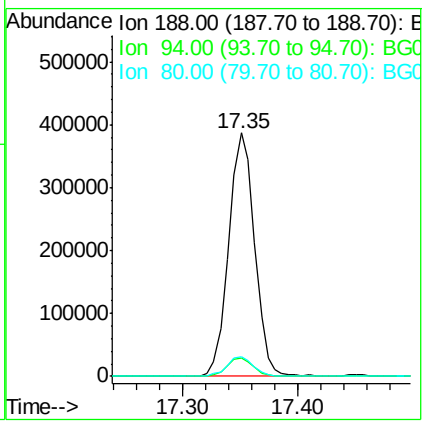


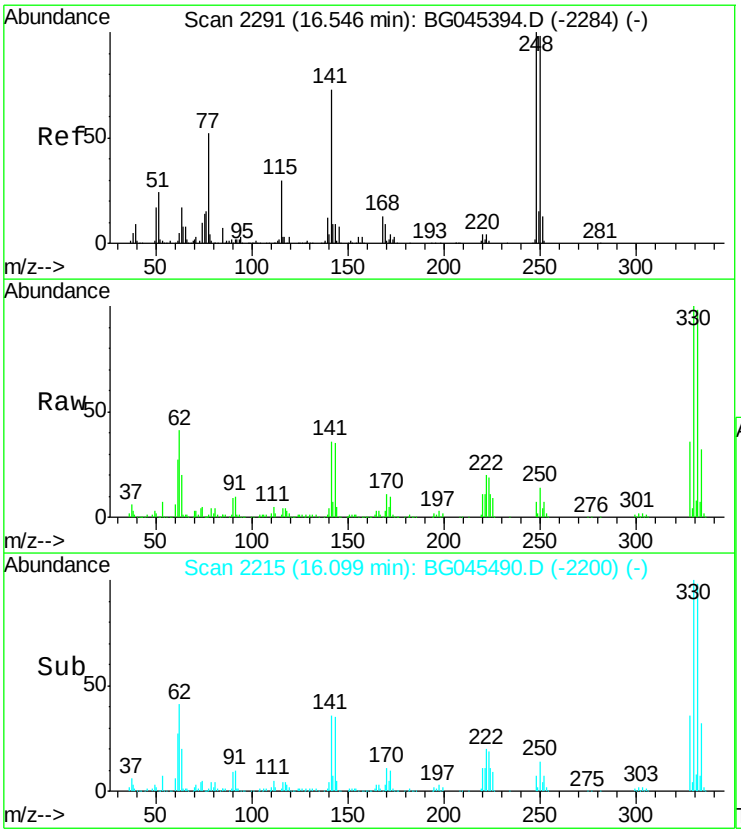
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 600546

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.5	8.3
80	7.9	6.6	10.0

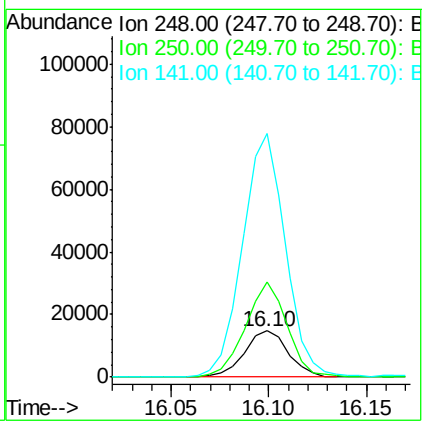


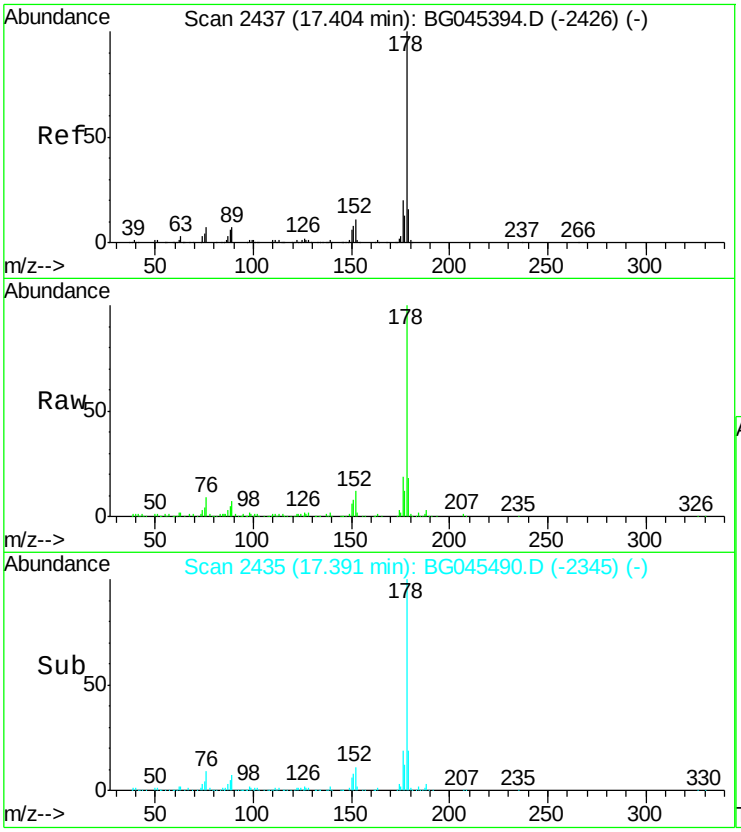


#67
4-Bromophenyl-phenylether
Concen: 3.549 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.44 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion:248 Resp: 23081

Ion	Ratio	Lower	Upper
248	100		
250	206.5	78.6	117.8#
141	526.4	58.2	87.2#



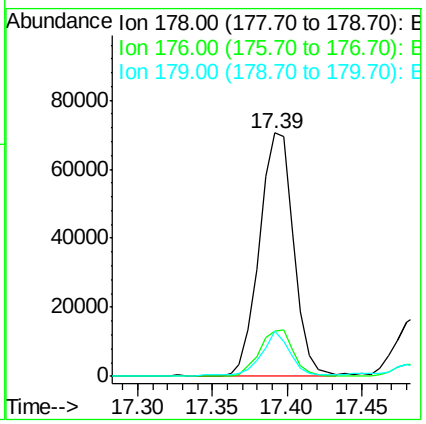


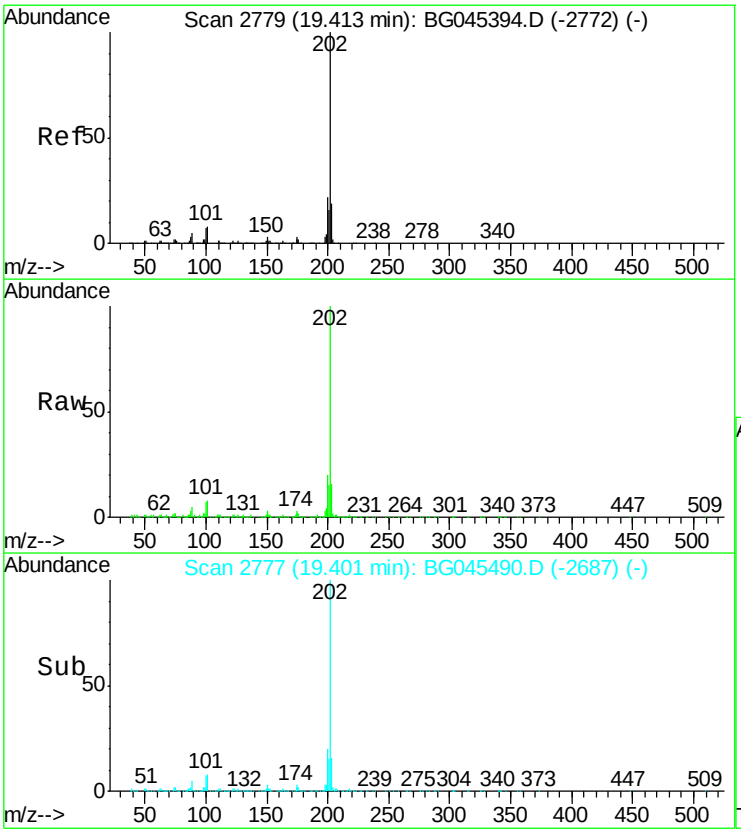
#71
Phenanthrene
Concen: 4.267 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 111874

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	18.4	13.1	19.7

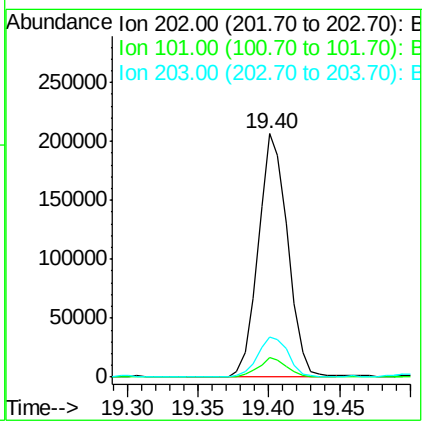


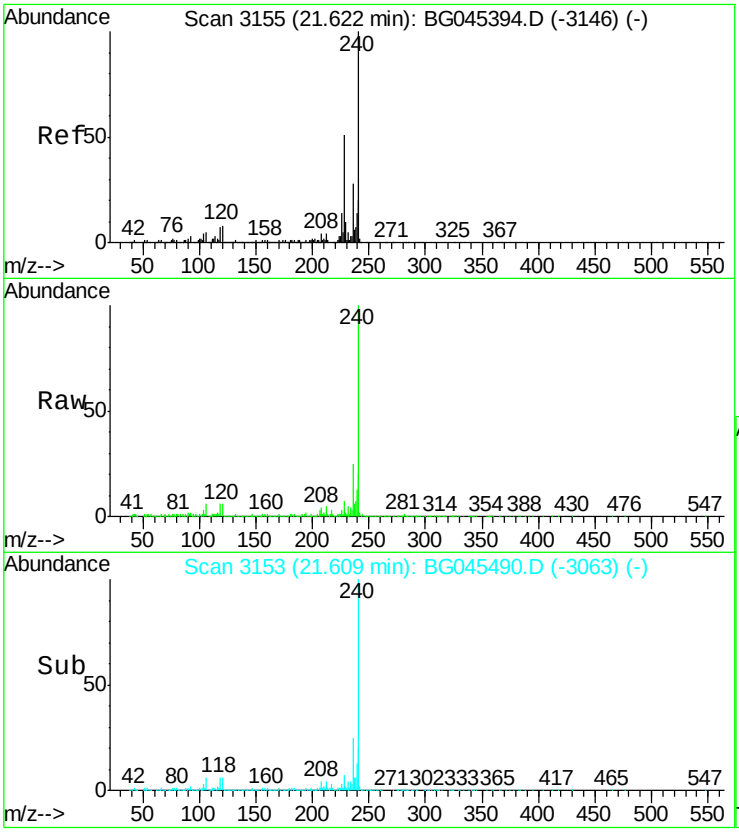


#75
Fluoranthene
Concen: 9.022 ng
RT: 19.40 min Scan# 2777
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion:202 Resp: 300838

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.3
203	16.3	0.0	39.0



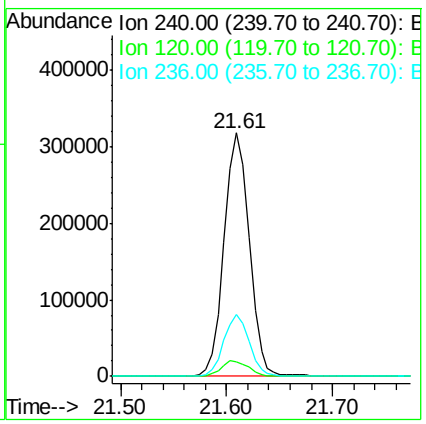


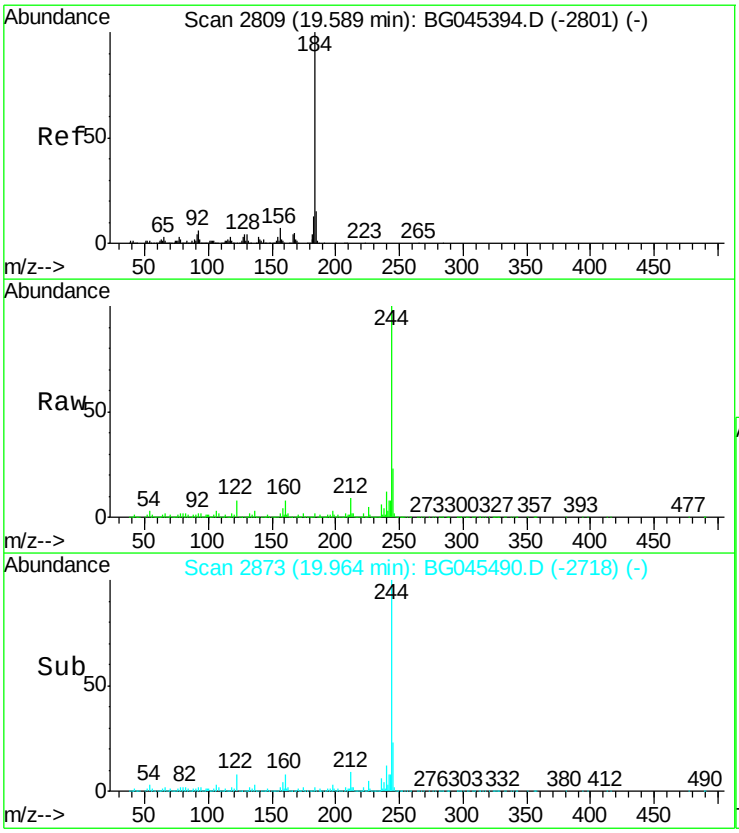
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 525448

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.1	9.1
236	25.3	22.3	33.5

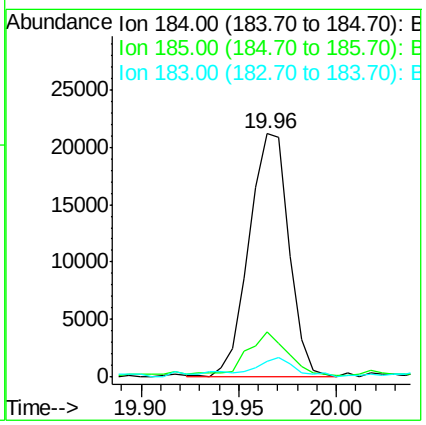


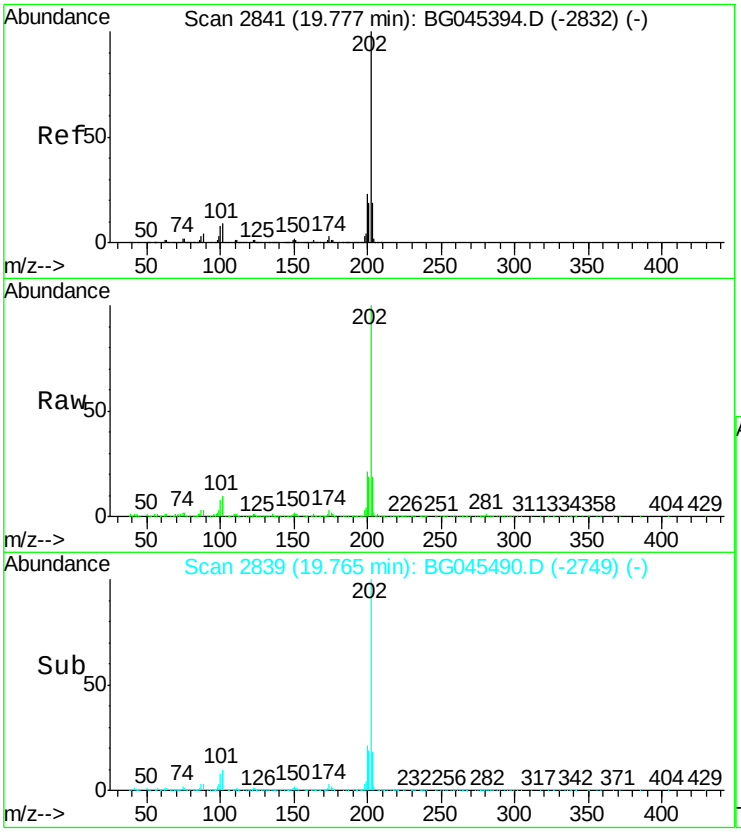


#77
Benzidine
Concen: 2.037 ng
RT: 19.96 min Scan# 2873
Delta R.T. 0.38 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion:184 Resp: 30060

Ion	Ratio	Lower	Upper
184	100		
185	18.7	11.7	17.5#
183	6.7	10.2	15.4#



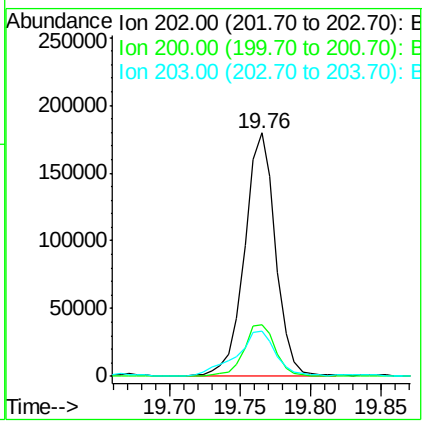


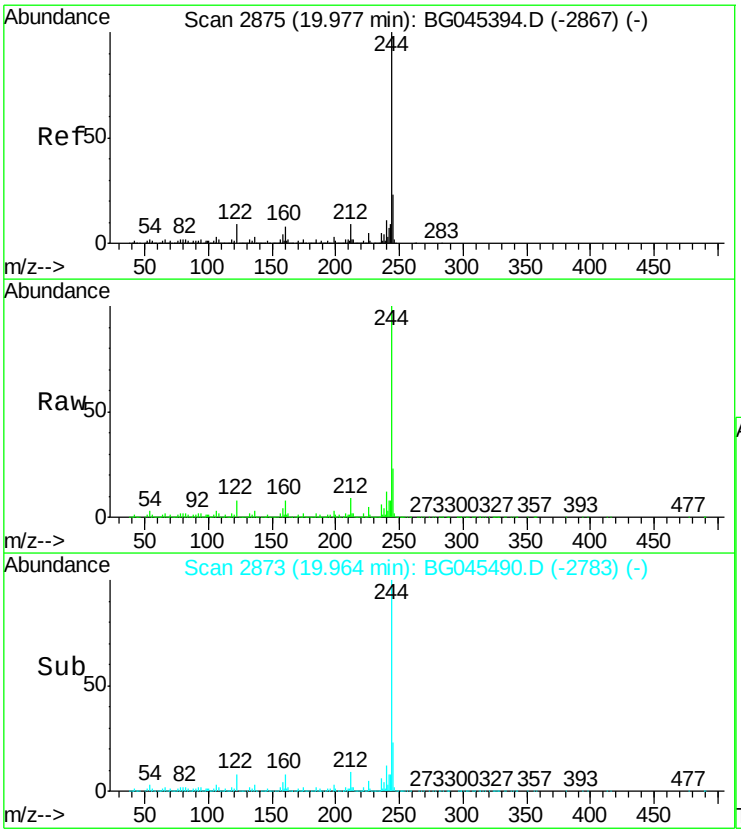
#78
Pyrene
Concen: 9.199 ng
RT: 19.76 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 275522

Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.2	27.2
203	18.7	15.1	22.7

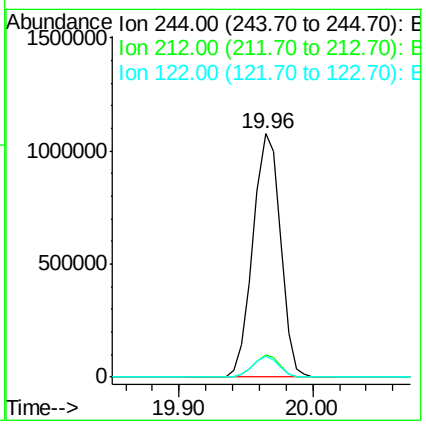


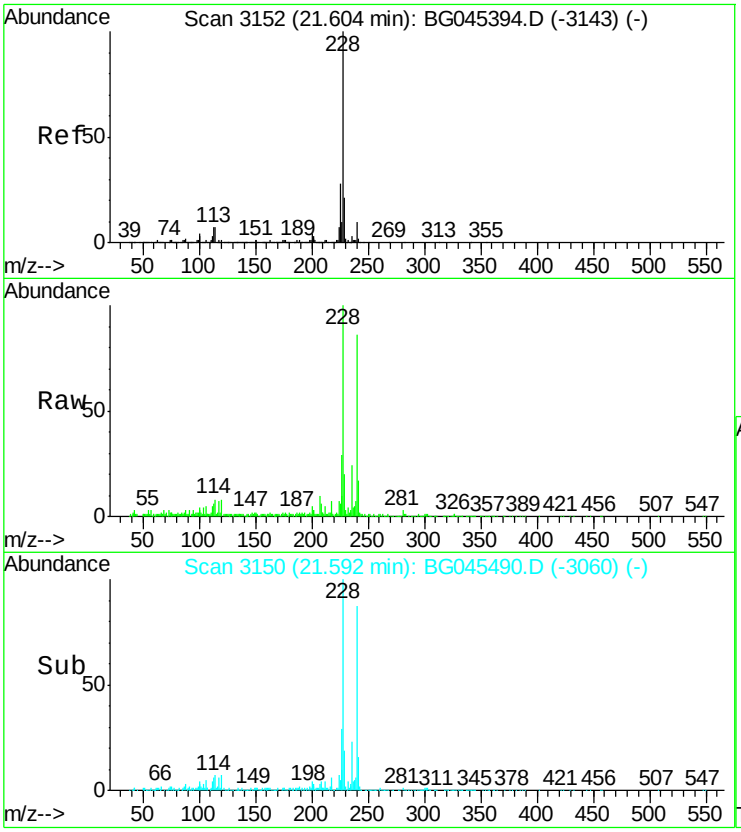


#79
Terphenyl-d14
Concen: 67.670 ng
RT: 19.96 min Scan# 2873
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion:244 Resp: 1524545

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.4	11.0
122	8.4	6.8	10.2



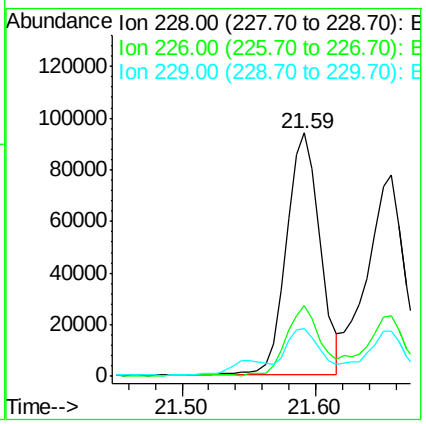


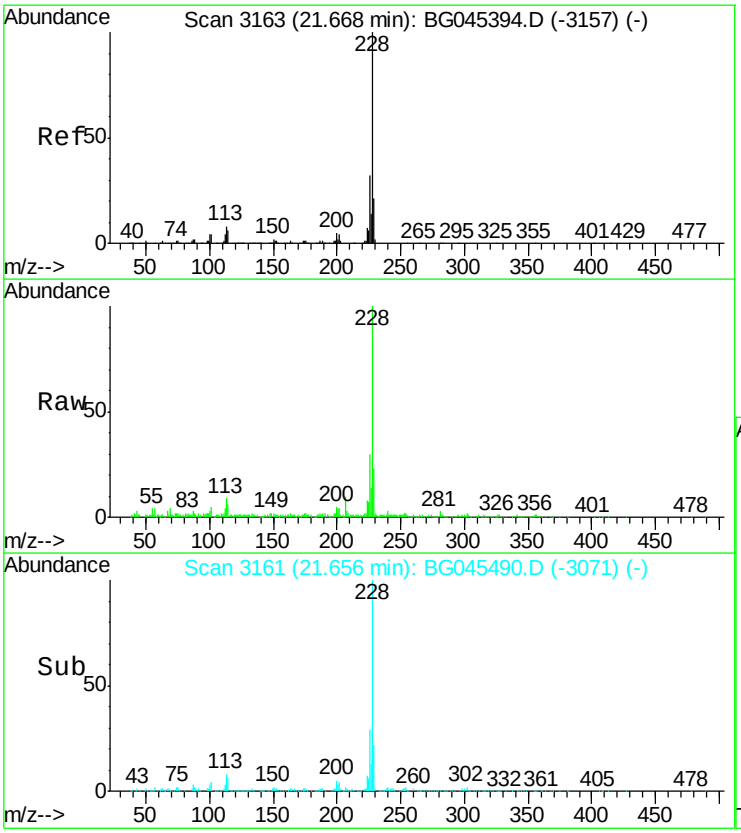
#81
Benzo(a)anthracene
Concen: 5.583 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 163429

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	19.6	16.7	25.1

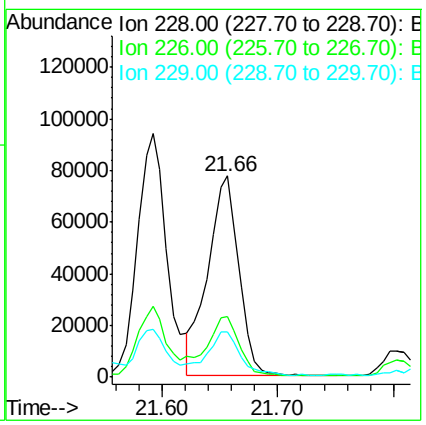


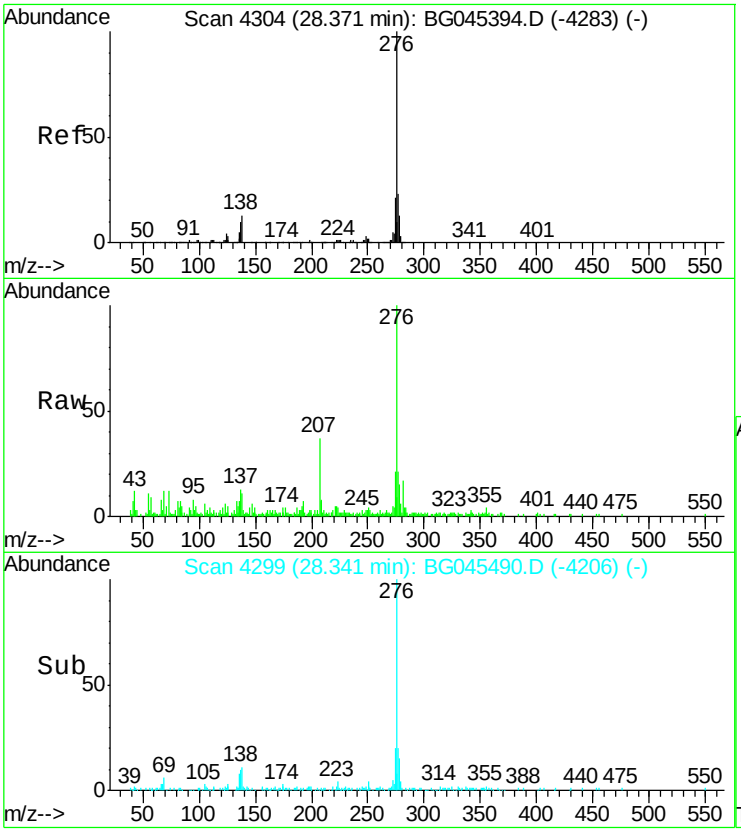


#83
Chrysene
Concen: 5.160 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion:228 Resp: 145219

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.2	37.8
229	22.6	16.7	25.1



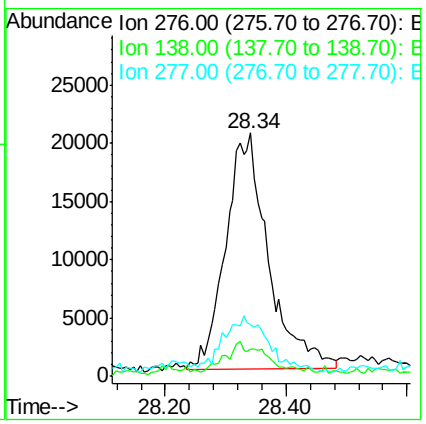


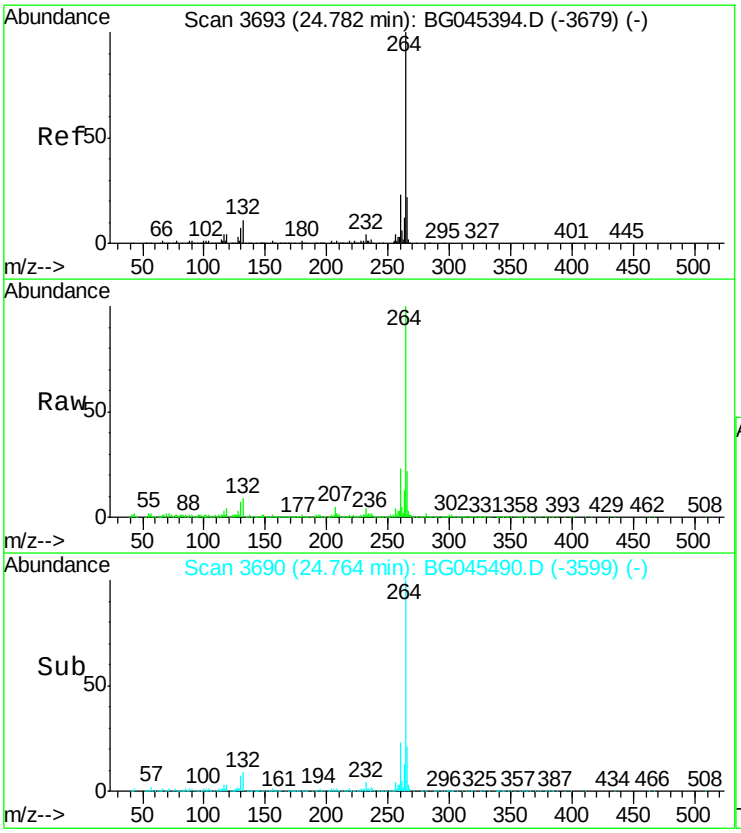
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.707 ng
RT: 28.34 min Scan# 4299
Delta R.T. 0.02 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 99641

Ion	Ratio	Lower	Upper
276	100		
138	6.2	8.6	12.8#
277	24.4	20.2	30.4

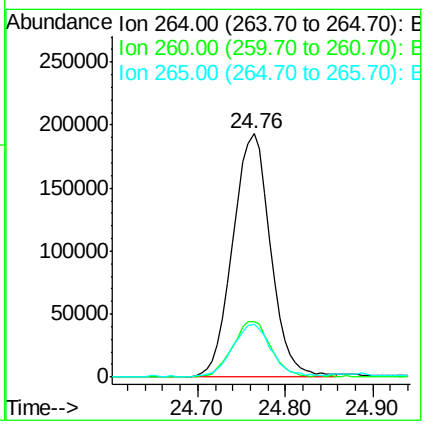


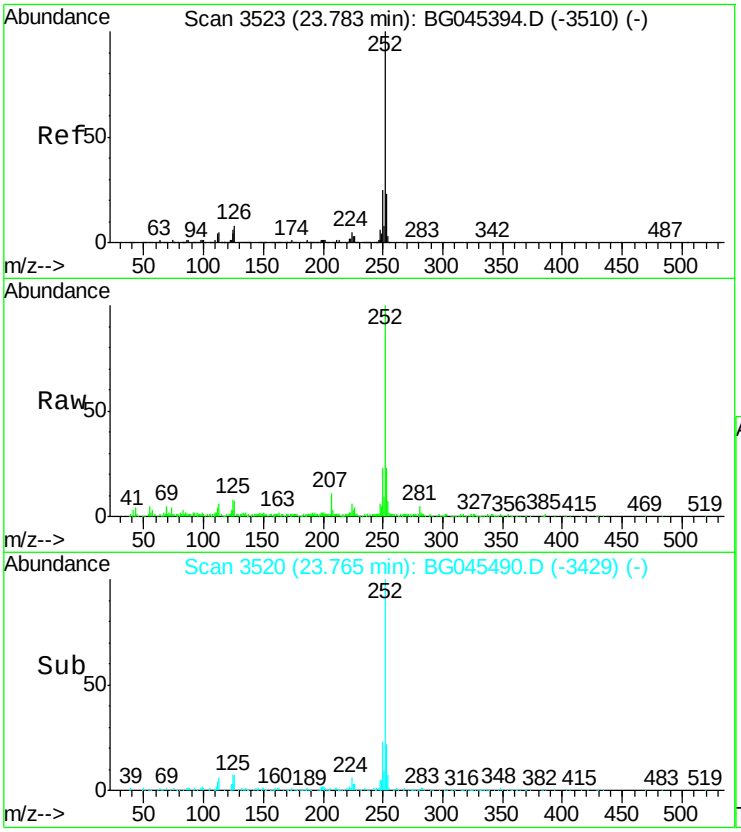


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3690
Delta R.T. 0.01 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion:264 Resp: 565285

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.7	17.6	26.4



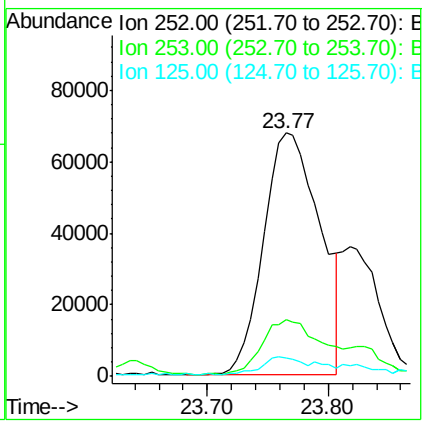


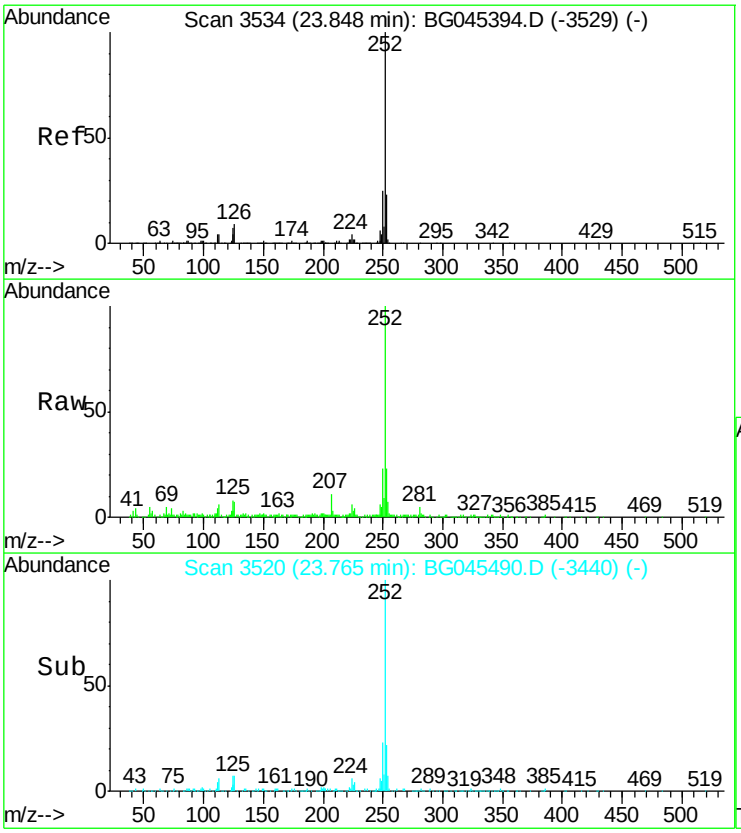
#88
Benzo(b)fluoranthene
Concen: 7.261 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 220141

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	7.7	5.0	7.6#

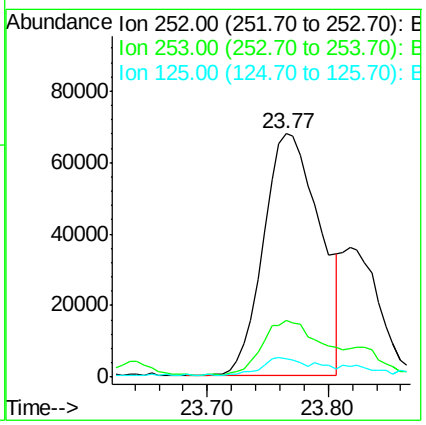


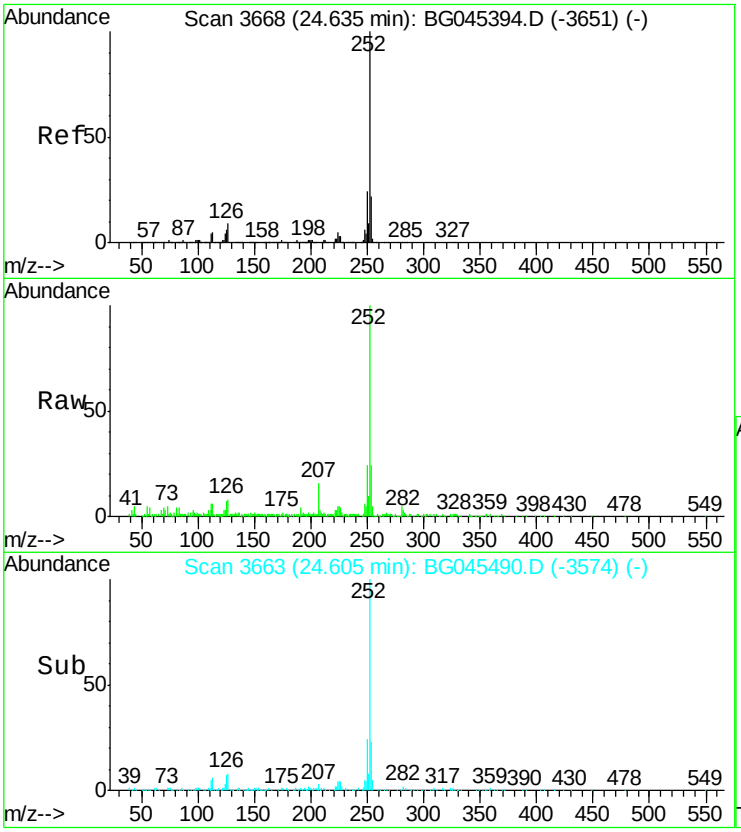


#89
Benzo(k)fluoranthene
Concen: 7.729 ng
RT: 23.77 min Scan# 3520
Delta R.T. -0.06 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion:252 Resp: 220141

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	7.7	5.7	8.5



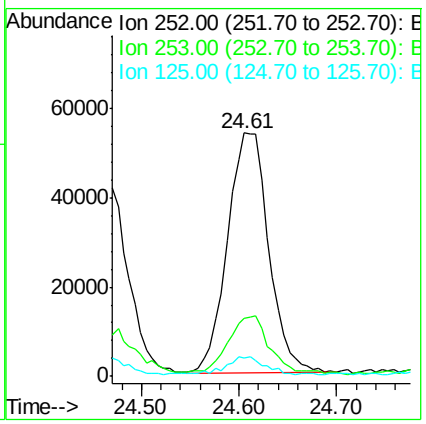


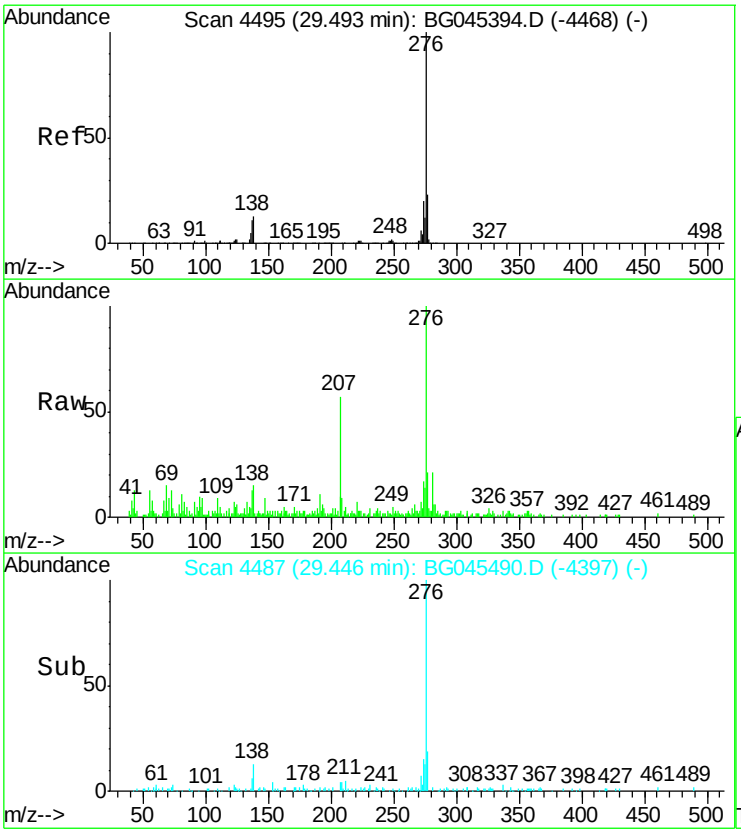
#90
Benzo(a)pyrene
Concen: 5.611 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 158434

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	7.5	5.0	7.6





#92
Benzo(g,h,i)perylene
Concen: 2.953 ng
RT: 29.45 min Scan# 4487
Delta R.T. -0.00 min
Lab File: BG045490.D
Acq: 28 May 2020 00:23

Tgt Ion:276 Resp: 83802

Ion	Ratio	Lower	Upper
276	100		
277	21.4	18.1	27.1
138	14.6	10.2	15.4