Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044770.D
Acq On : 13 Mar 2020 16:56
Operator : CG/JU
Sample : L1756-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-031020

Quant Time: Mar 13 17:35:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	146370	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	596086	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	387556	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	775035	20.00	ng		0.00
76) Chrysene-d12	21.70	240	630240	20.00	ng		-0.01
87) Perylene-d12	24.93	264	710865	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	353423	37.59	ng		0.00
7) Phenol-d6	7.21	99	534754	39.14	ng		0.00
23) Nitrobenzene-d5	9.20	82	346136	25.48	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	196427	38.71	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	755060	27.90	ng		0.00
79) Terphenyl-d14	20.04	244	1013644	30.08	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.20	77	1715	Below Cal		#	14
19) n-Nitroso-di-n-propylamine	9.21	70	45553	4.722	ng	#	74
26) 2-Nitrophenol	9.97	139	57	5.525	ng	#	32
32) Benzoic acid	10.14	122	53	9.676	ng	#	1
50) Dimethylphthalate	14.13	163	85739	2.778	ng		96
54) 2,4-Dinitrophenol	14.79	184	62	8.340	ng	#	2
57) 2,4-Dinitrotoluene	14.69	165	53682	6.291	ng	#	18
65) 4,6-Dinitro-2-methylphenol	15.78	198	81	7.747	ng	#	1
75) Fluoranthene	19.48	202	152153	3.085	ng		91
78) Pyrene	19.84	202	166647	3.604	ng		99
81) Benzo(a)anthracene	21.68	228	94125	2.074	ng		92
83) Chrysene	21.75	228	106154	2.449	ng		98
88) Benzo(b)fluoranthene	23.91	252	145071	3.091	ng	#	95
89) Benzo(k)fluoranthene	23.91	252	145071	3.267	ng	#	96
90) Benzo(a)pyrene	24.77	252	111058	2.529	ng	#	94

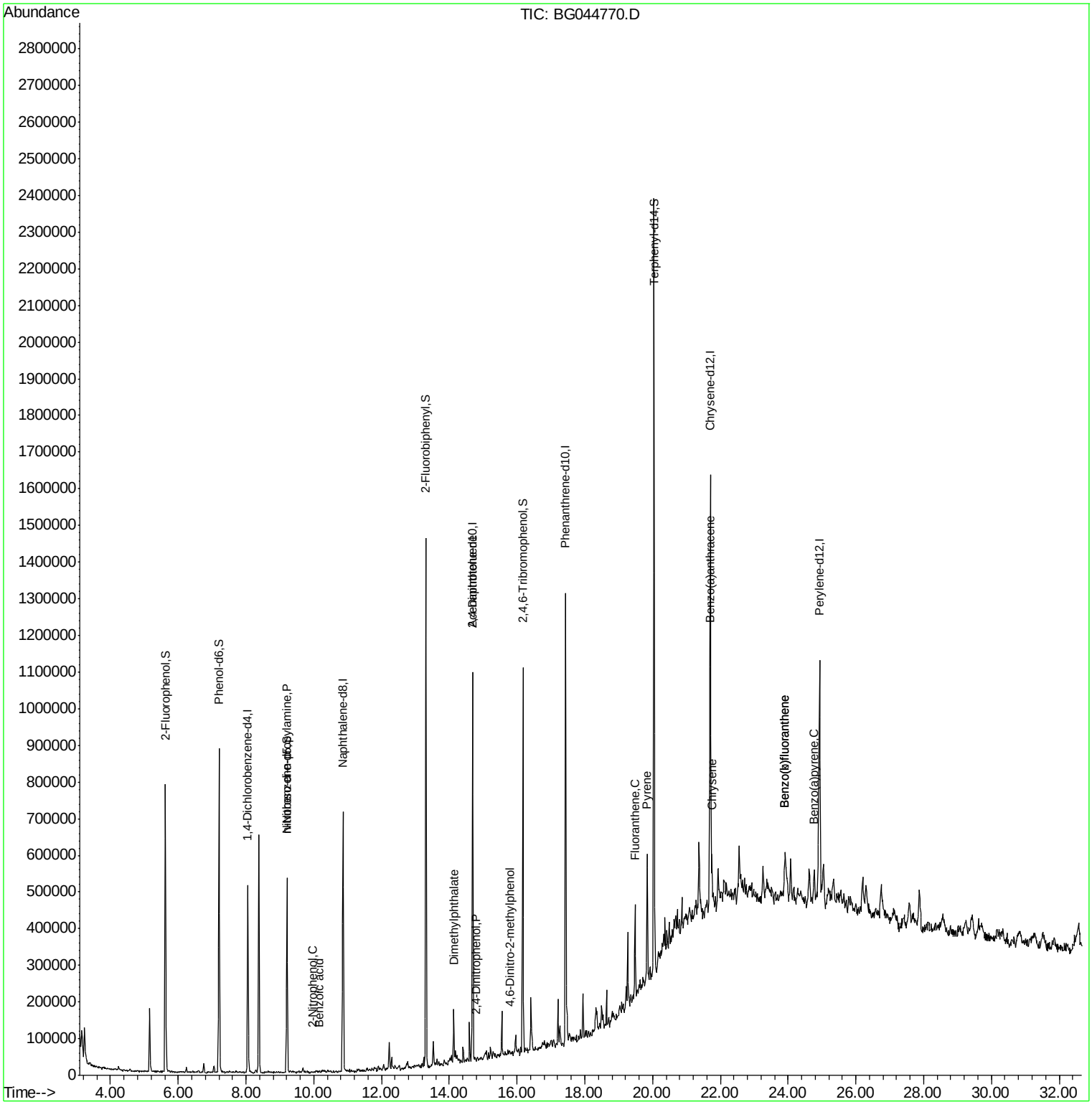
(#) = qualifier out of range (m) = manual integration (+) = signals summed

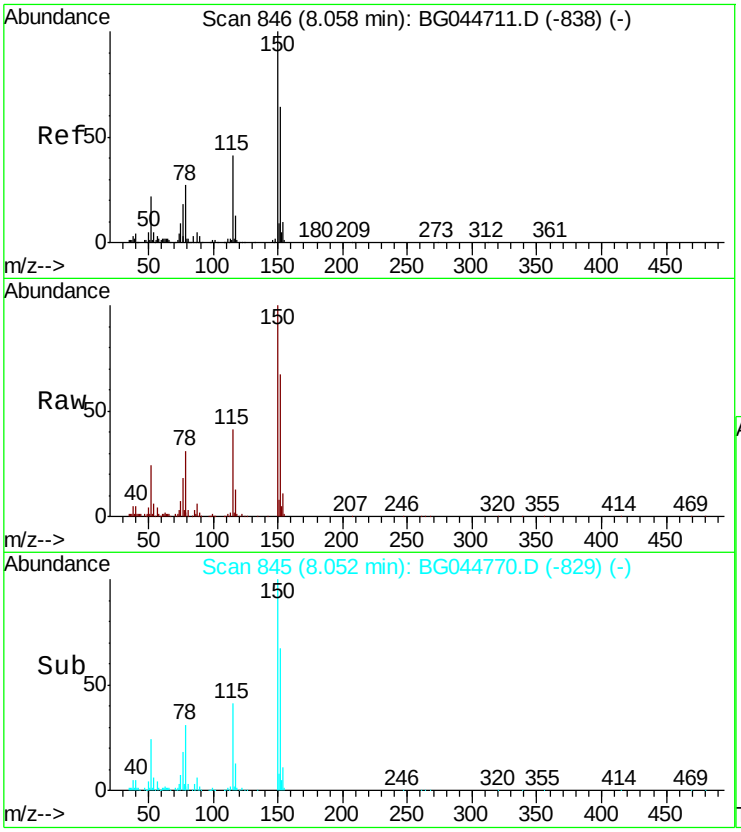
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044770.D
Acq On : 13 Mar 2020 16:56
Operator : CG/JU
Sample : L1756-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-031020

Quant Time: Mar 13 17:35:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration



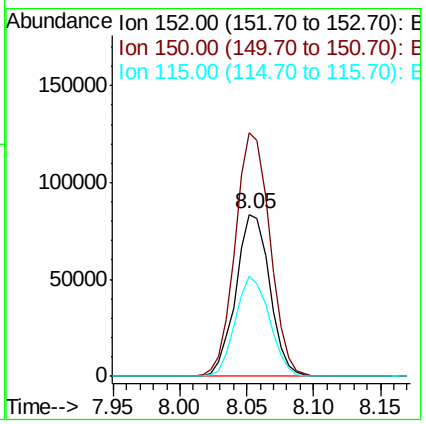


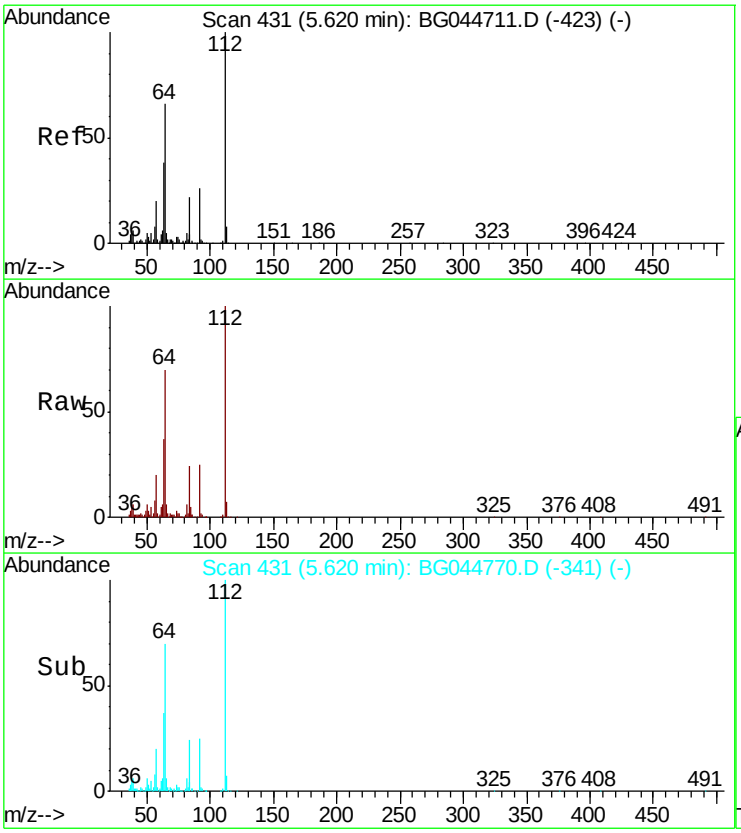
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Instrument :
BNA_G
ClientSampleId :
OK-03-031020

Tgt Ion:152 Resp: 146370

Ion	Ratio	Lower	Upper
152	100		
150	150.3	125.3	187.9
115	62.1	51.7	77.5

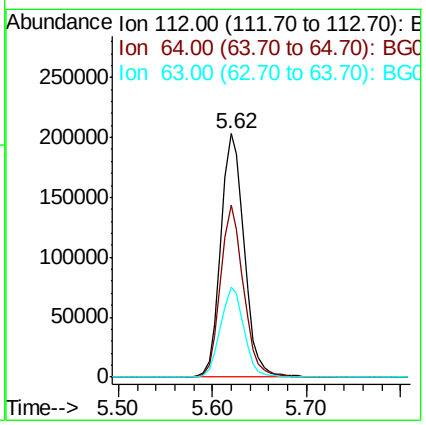


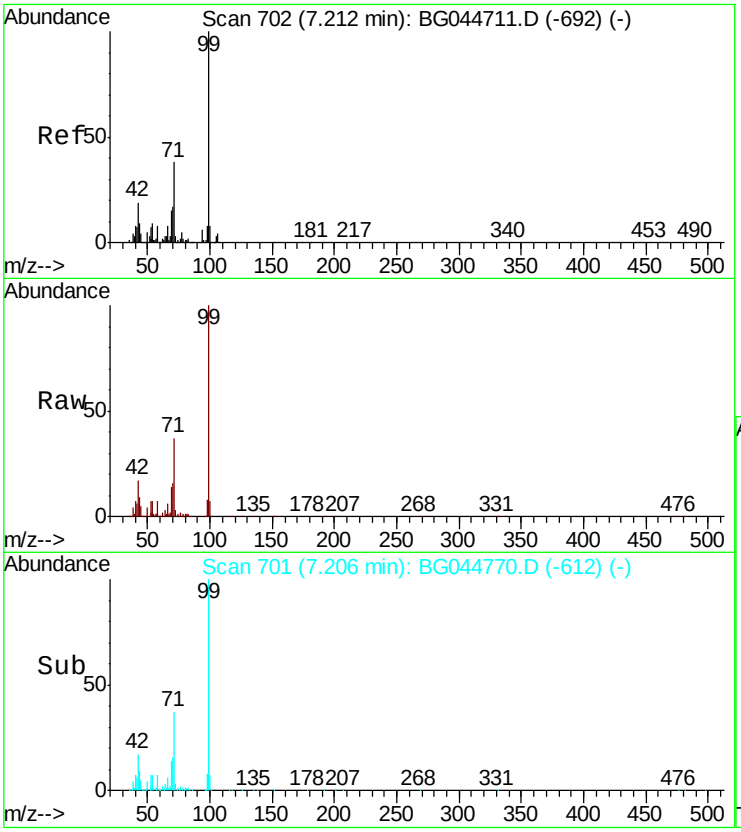


#5
2-Fluorophenol
Concen: 37.588 ng
RT: 5.62 min Scan# 431
Delta R.T. -0.00 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Tgt Ion:112 Resp: 353423

Ion	Ratio	Lower	Upper
112	100		
64	70.5	52.6	78.8
63	37.0	30.2	45.4



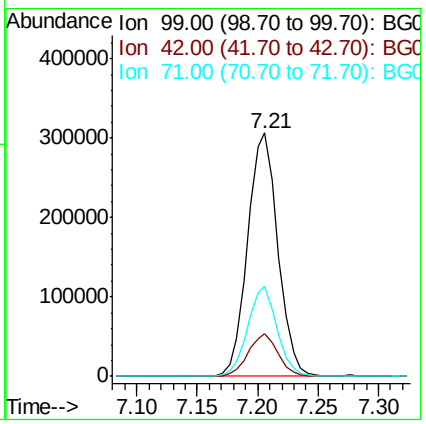


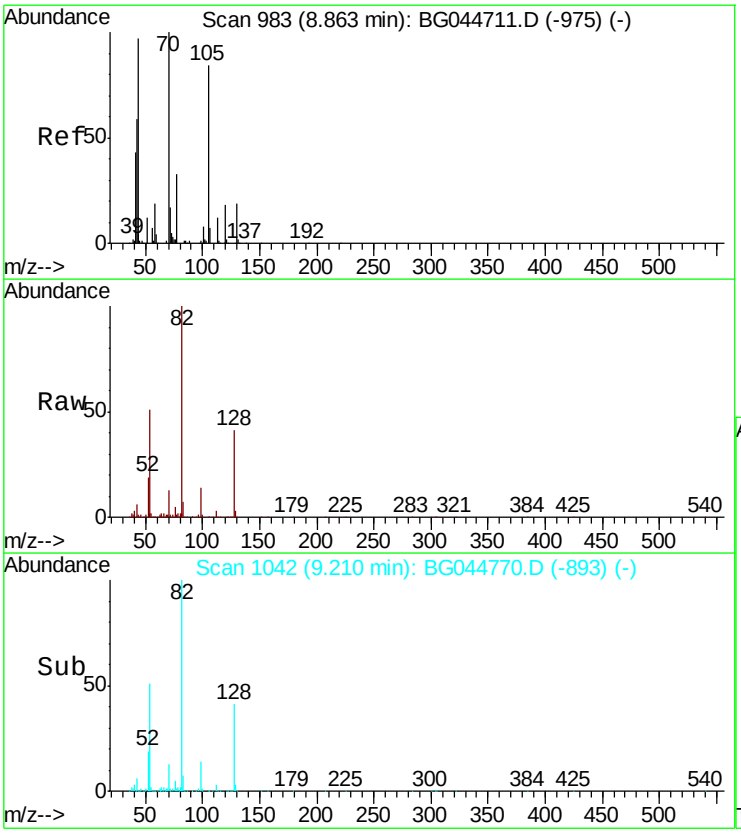
#7
Phenol-d6
Concen: 39.144 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Instrument :
BNA_G
ClientSampleId :
OK-03-031020

Tgt Ion: 99 Resp: 534754

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.4	23.0
71	37.0	30.2	45.4

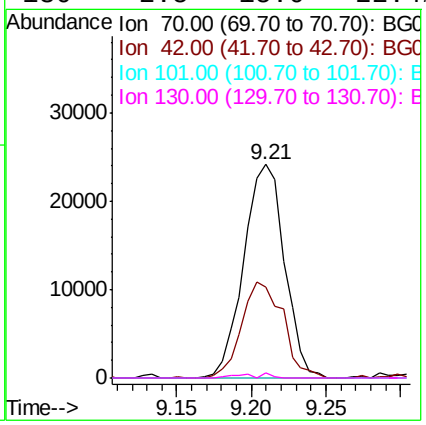


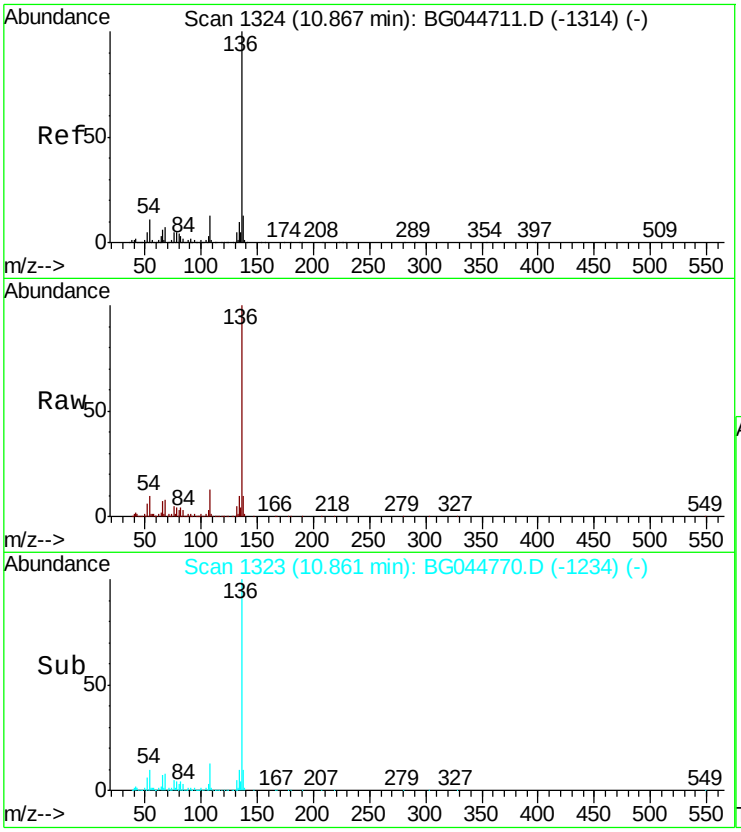


#19
n-Nitroso-di-n-propylamine
Concen: 4.722 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Tgt Ion: 70 Resp: 45553

Ion	Ratio	Lower	Upper
70	100		
42	42.6	47.6	71.4#
101	0.0	6.5	9.7#
130	2.5	15.0	22.4#



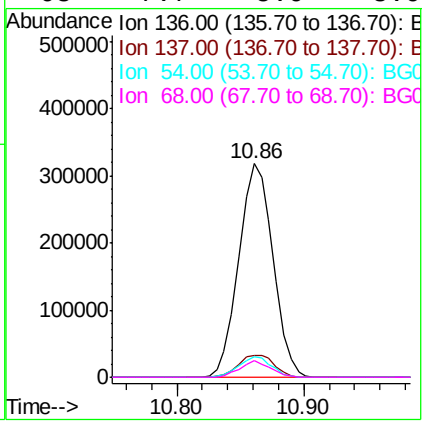


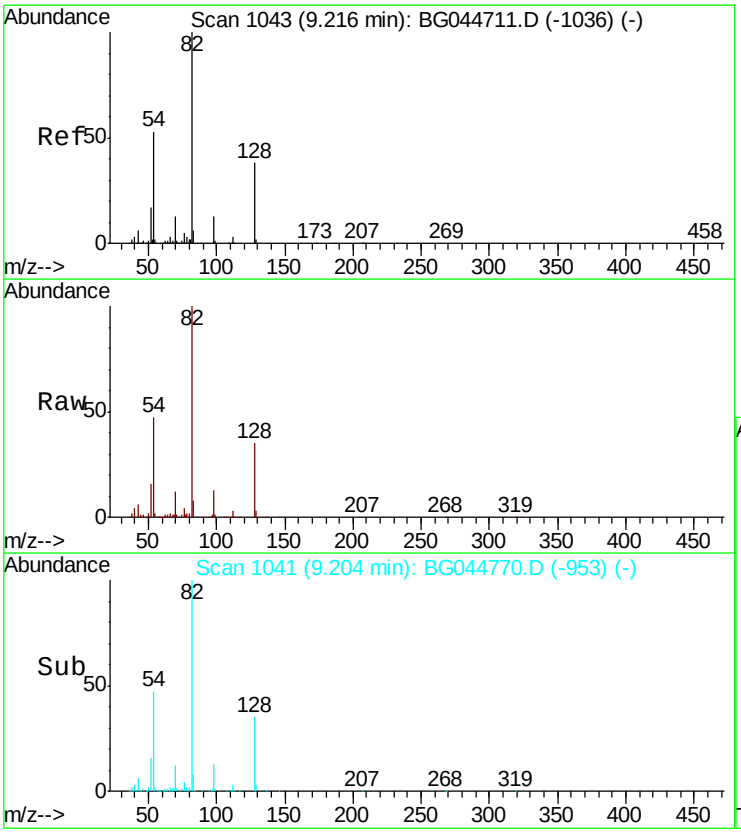
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Instrument :
BNA_G
ClientSampleId :
OK-03-031020

Tgt Ion:136 Resp: 596086

Ion	Ratio	Lower	Upper
136	100		
137	10.1	10.7	16.1#
54	9.6	9.0	13.4
68	7.7	5.9	8.9

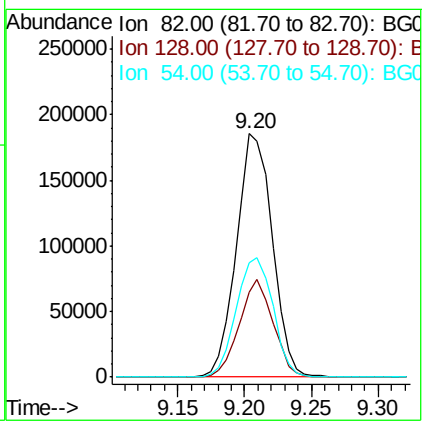


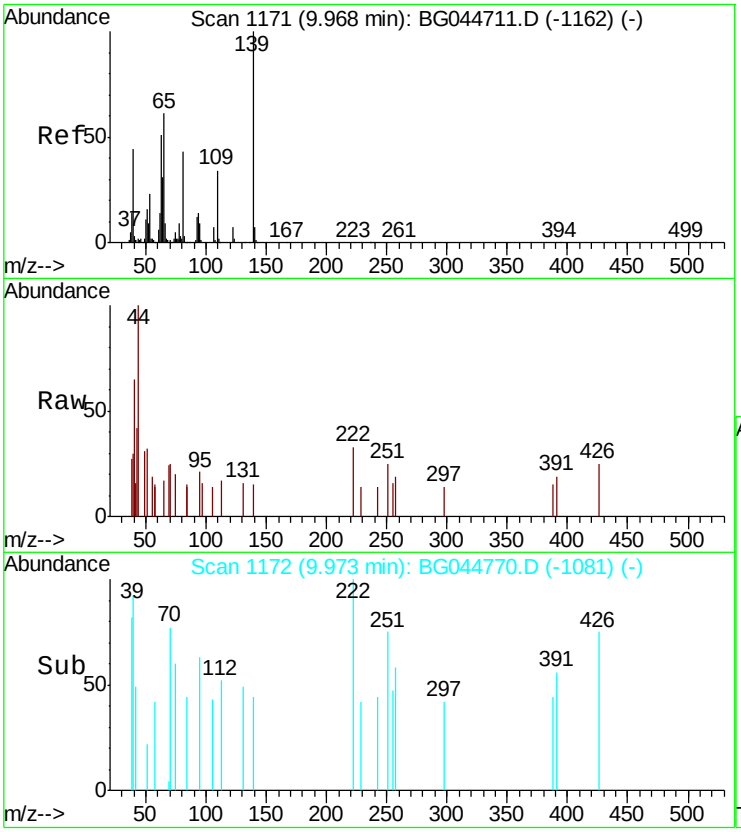


#23
Nitrobenzene-d5
Concen: 25.481 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Tgt Ion: 82 Resp: 346136

Ion	Ratio	Lower	Upper
82	100		
128	35.0	30.2	45.2
54	46.9	41.8	62.8



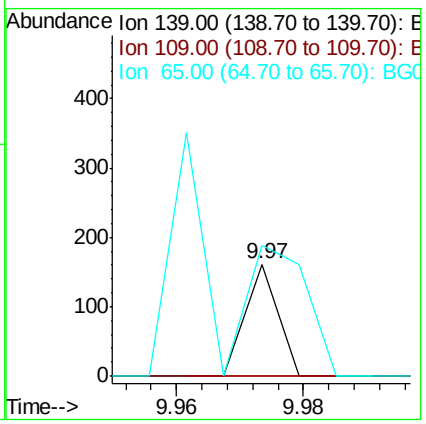


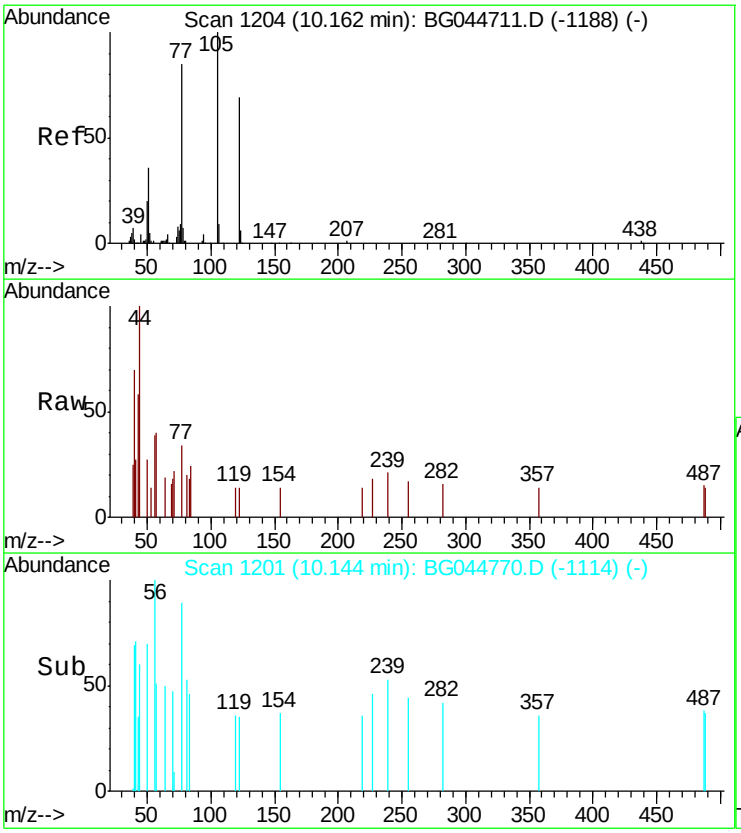
#26
2-Nitrophenol
Concen: 5.525 ng
RT: 9.97 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Instrument :
BNA_G
ClientSampleId :
OK-03-031020

Tgt Ion:139 Resp: 57

Ion	Ratio	Lower	Upper
139	100		
109	0.0	27.0	40.4#
65	116.8	48.6	73.0#

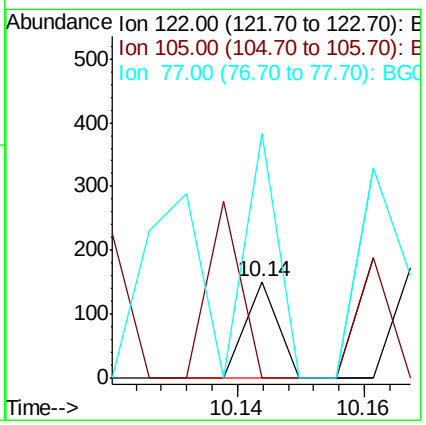


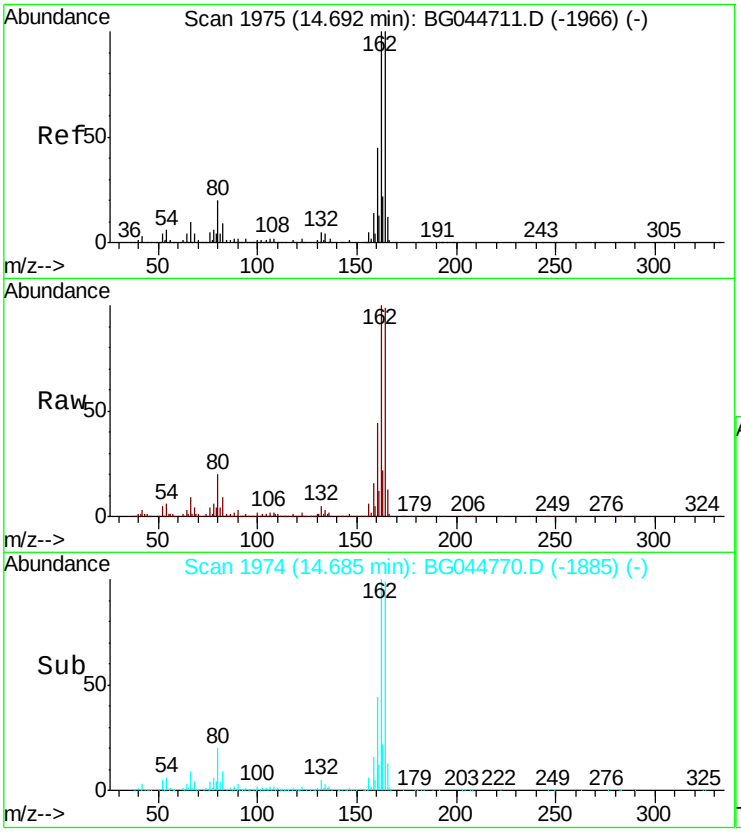


#32
Benzoic acid
Concen: 9.676 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Tgt Ion:122 Resp: 53

Ion	Ratio	Lower	Upper
122	100		
105	0.0	119.0	159.0#
77	255.3	96.4	136.4#



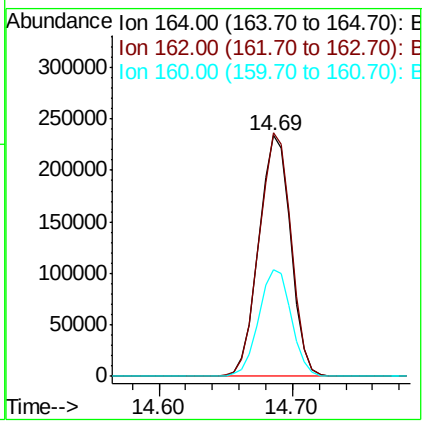


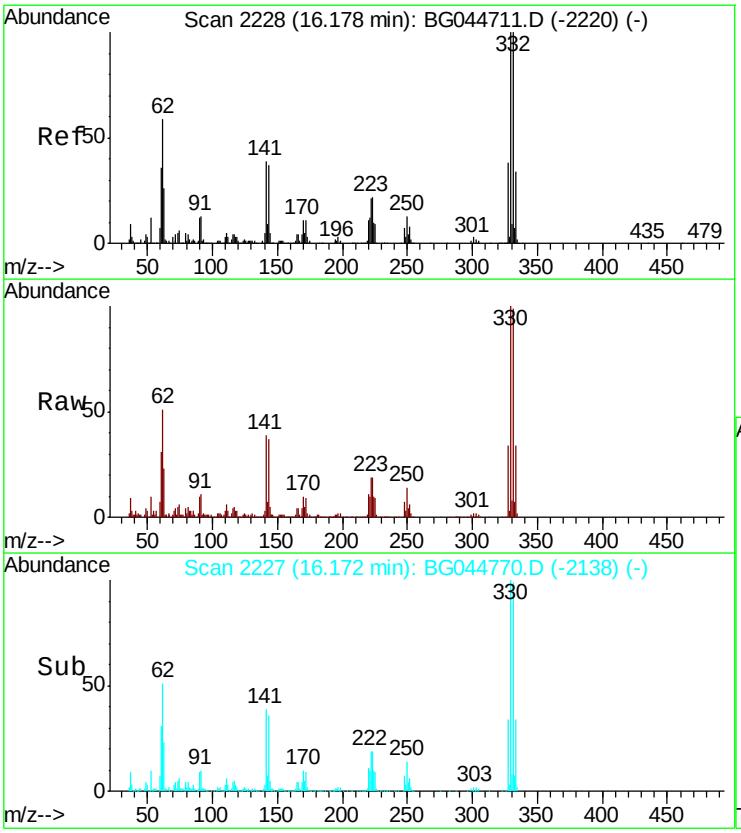
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Instrument :
BNA_G
ClientSampleId :
OK-03-031020

Tgt Ion:164 Resp: 387556

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.4
160	44.6	36.2	54.2

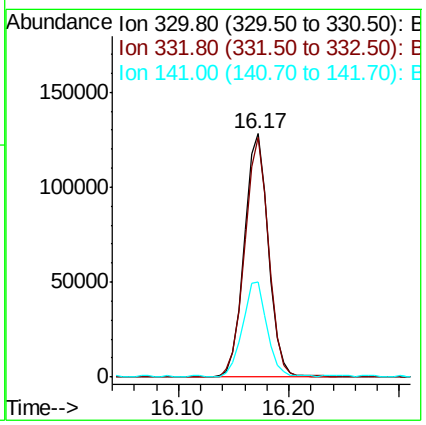


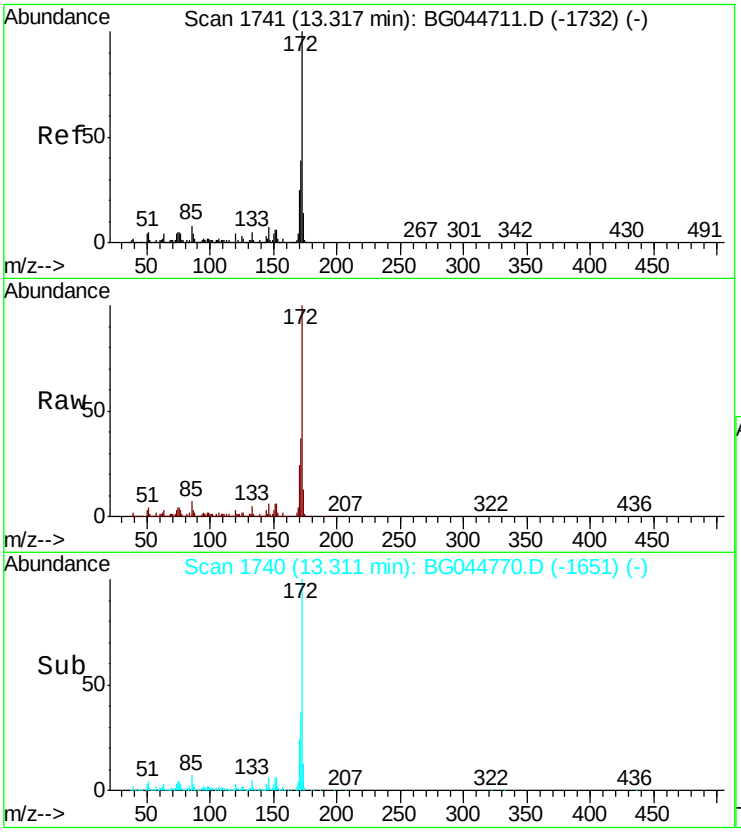


#42
2,4,6-Tribromophenol
Concen: 38.709 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Tgt Ion:330 Resp: 196427

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.5	116.3
141	39.1	31.7	47.5



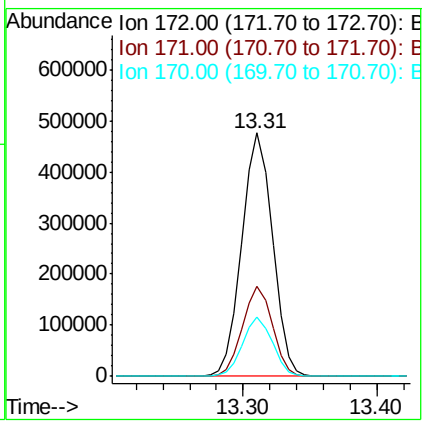


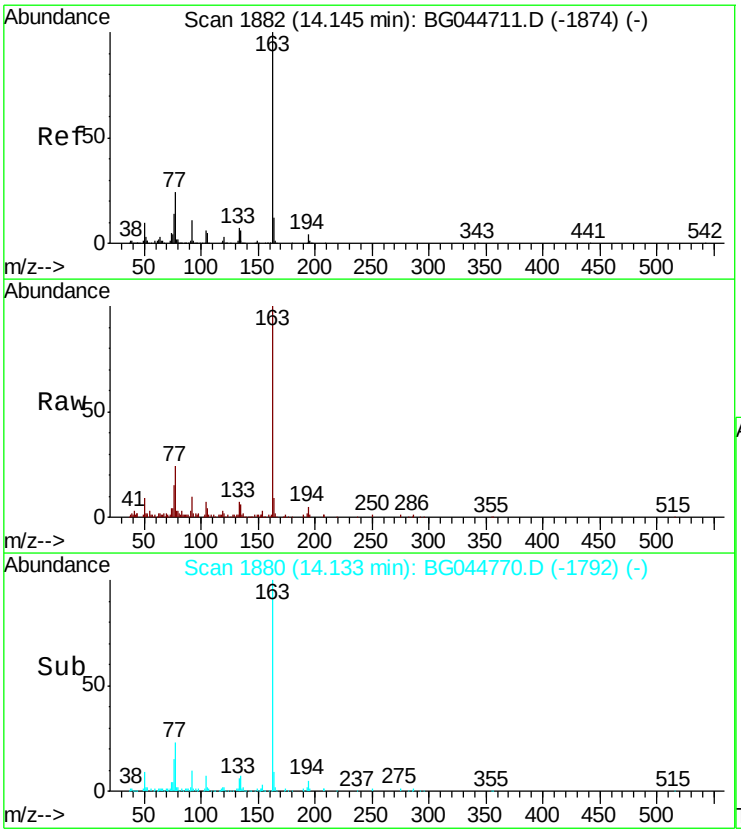
#45
2-Fluorobiphenyl
Concen: 27.900 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Instrument :
BNA_G
ClientSampleId :
OK-03-031020

Tgt Ion:172 Resp: 755060

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	24.2	20.0	30.0

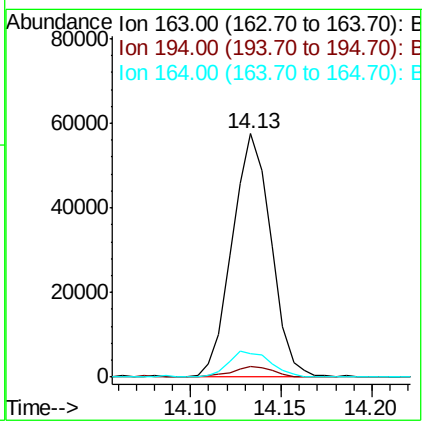


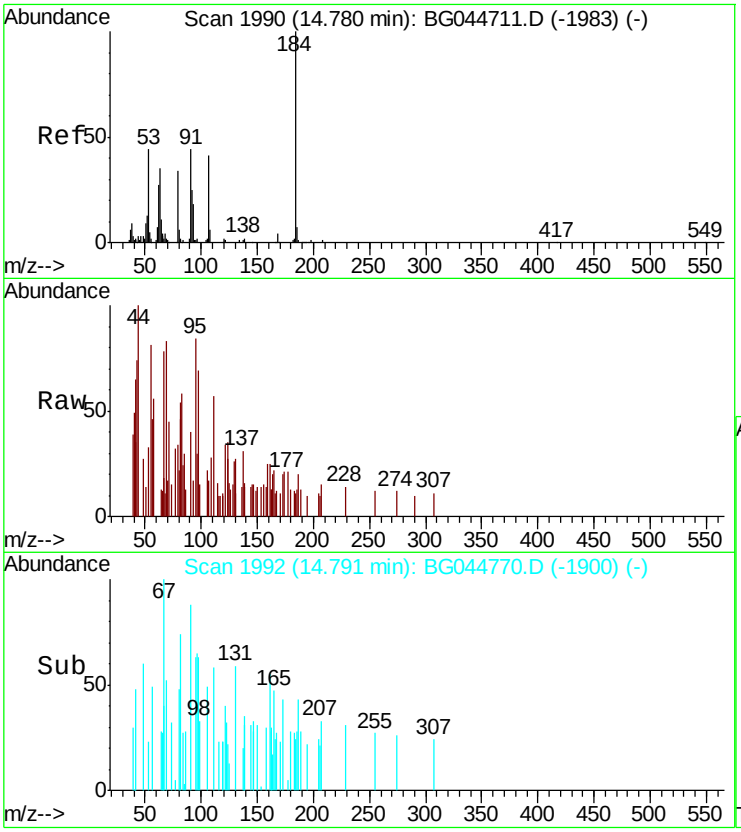


#50
Dimethylphthalate
Concen: 2.778 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Tgt Ion:163 Resp: 85739

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	9.5	9.2	13.8



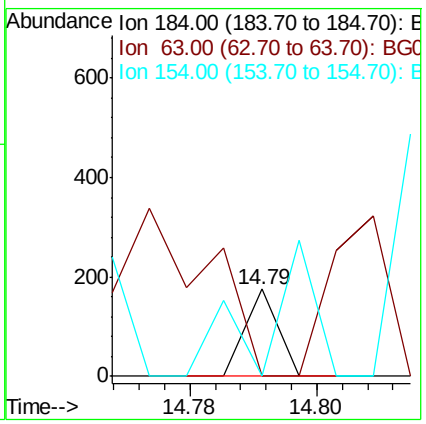


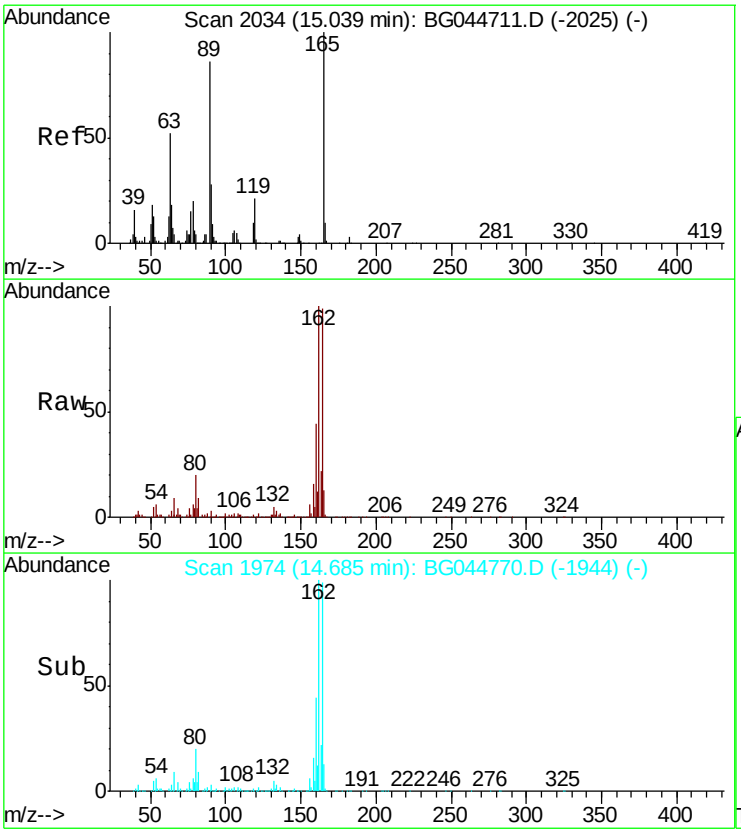
#54
2,4-Dinitrophenol
Concen: 8.340 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Instrument :
BNA_G
ClientSampleId :
OK-03-031020

Tgt Ion:184 Resp: 62

Ion	Ratio	Lower	Upper
184	100		
63	0.0	49.0	73.6#
154	0.0	94.5	141.7#

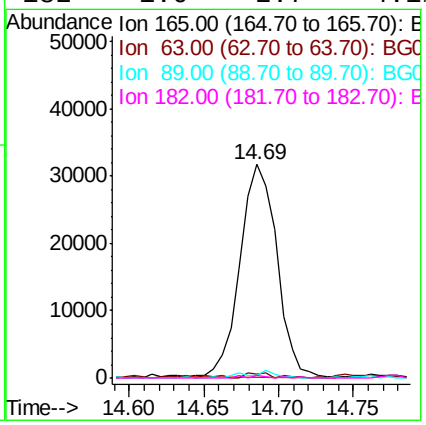


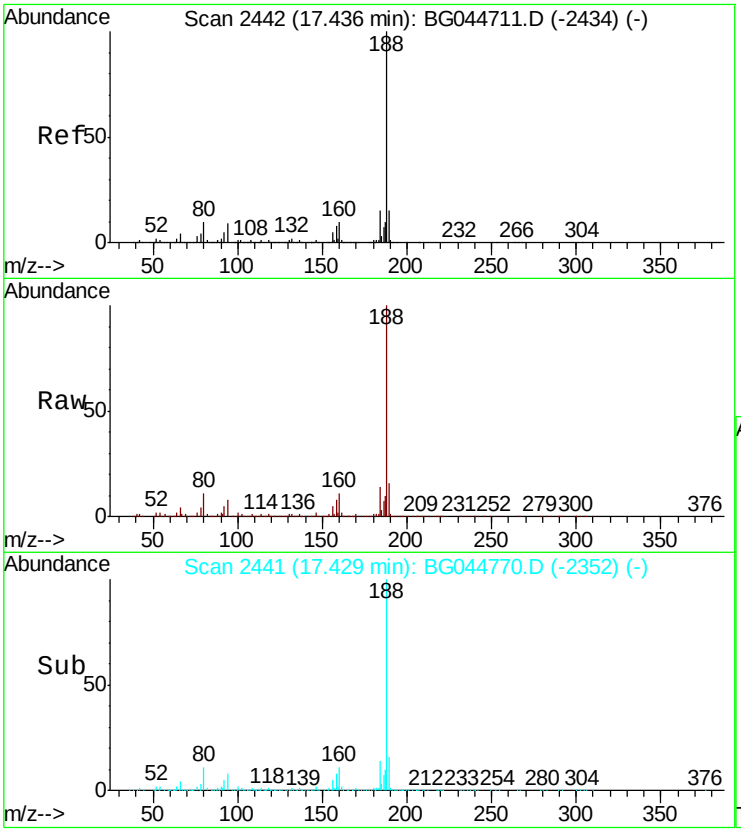


#57
2,4-Dinitrotoluene
Concen: 6.291 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.35 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Tgt Ion:165 Resp: 53682

Ion	Ratio	Lower	Upper
165	100		
63	1.9	41.5	62.3#
89	1.4	69.0	103.4#
182	1.0	2.7	4.1#



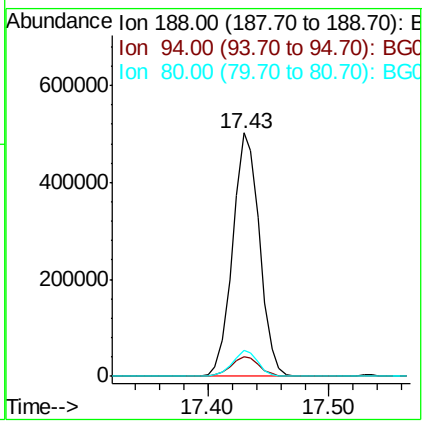


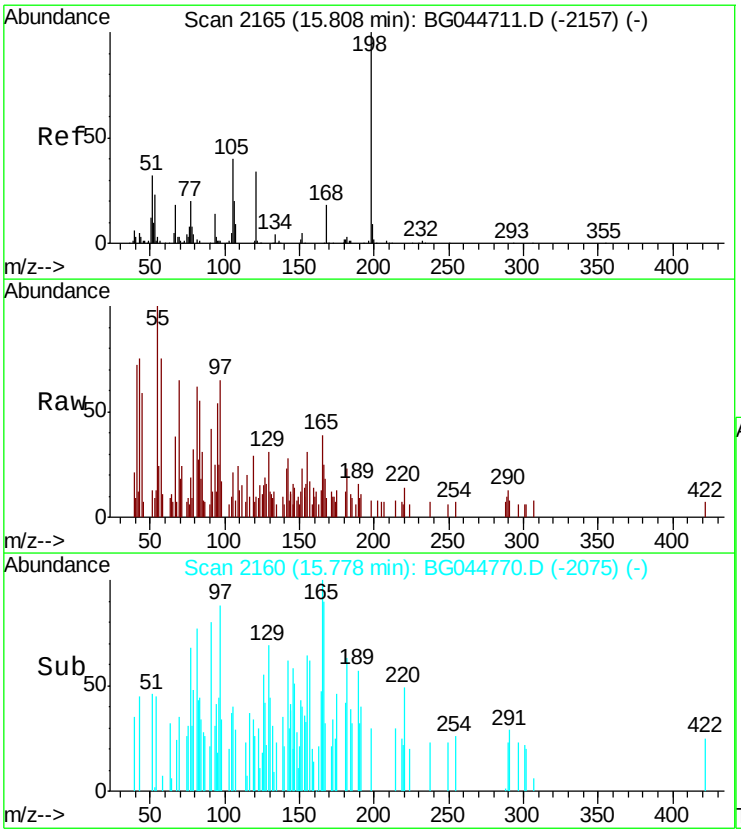
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Instrument :
BNA_G
ClientSampleId :
OK-03-031020

Tgt Ion:188 Resp: 775035

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.6
80	10.6	8.4	12.6

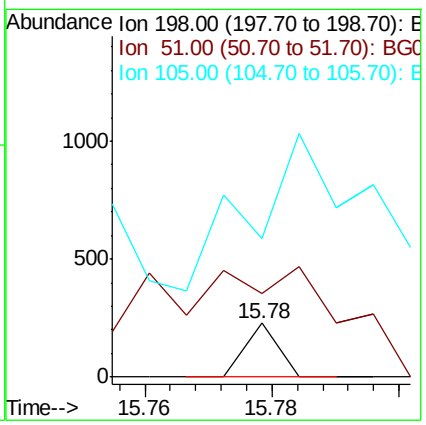


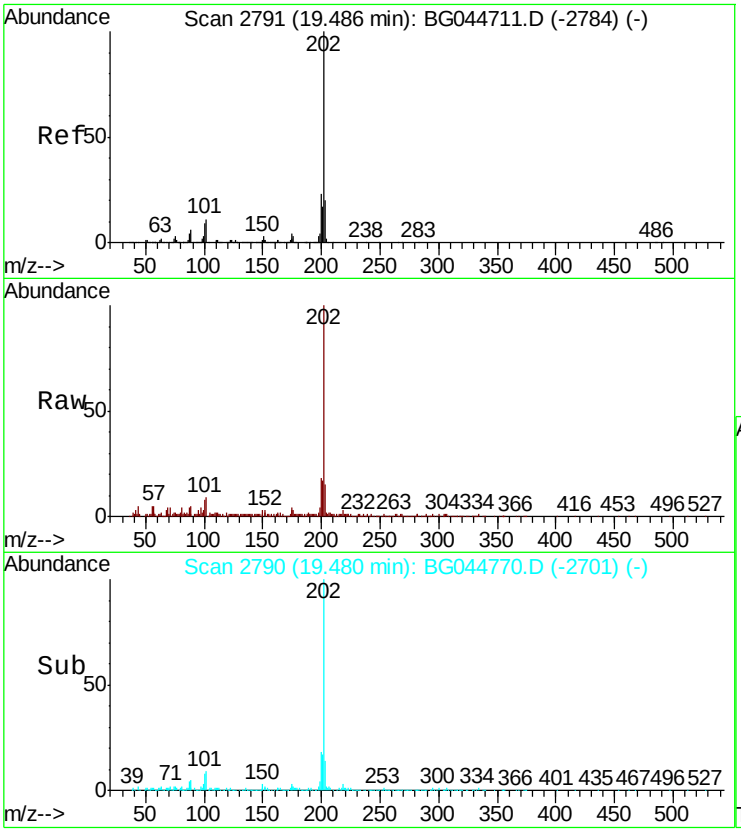


#65
4,6-Dinitro-2-methylphenol
Concen: 7.747 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.03 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Tgt Ion:198 Resp: 81

Ion	Ratio	Lower	Upper
198	100		
51	155.5	20.1	60.1#
105	255.9	21.3	61.3#



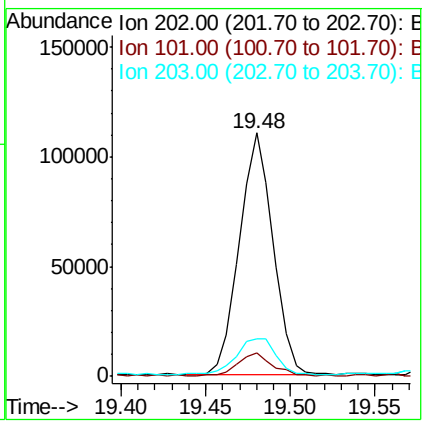


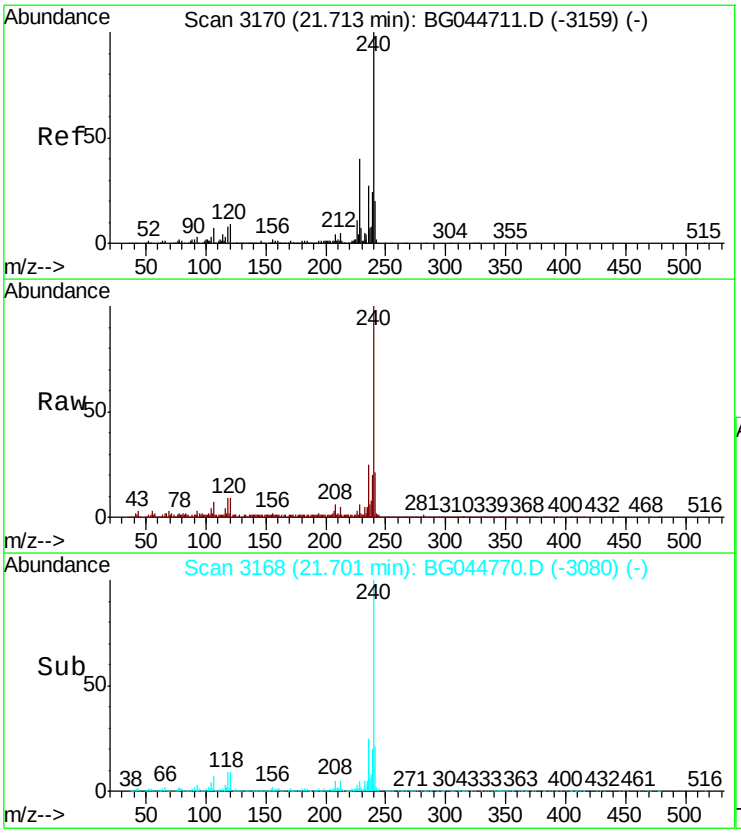
#75
Fluoranthene
Concen: 3.085 ng
RT: 19.48 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Instrument :
BNA_G
ClientSampleId :
OK-03-031020

Tgt Ion:202 Resp: 152153

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	31.3
203	15.3	0.4	40.4

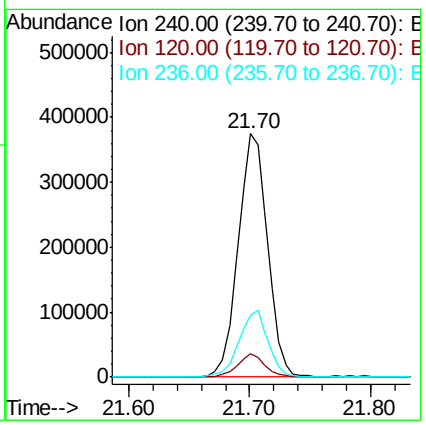


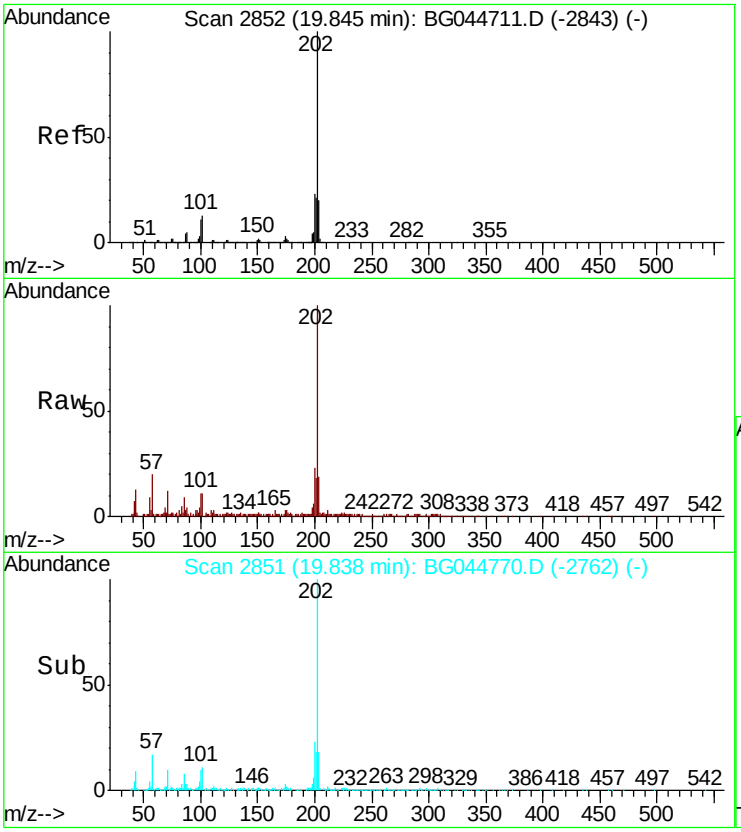


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Tgt Ion:240 Resp: 630240

Ion	Ratio	Lower	Upper
240	100		
120	9.5	6.9	10.3
236	25.5	21.9	32.9



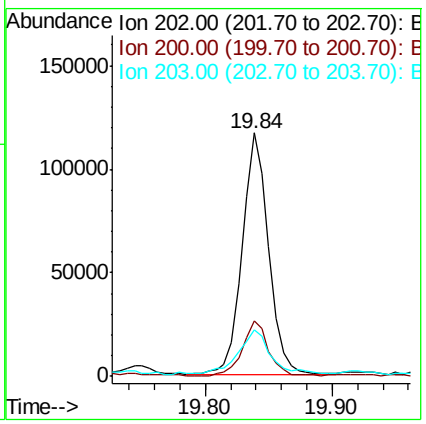


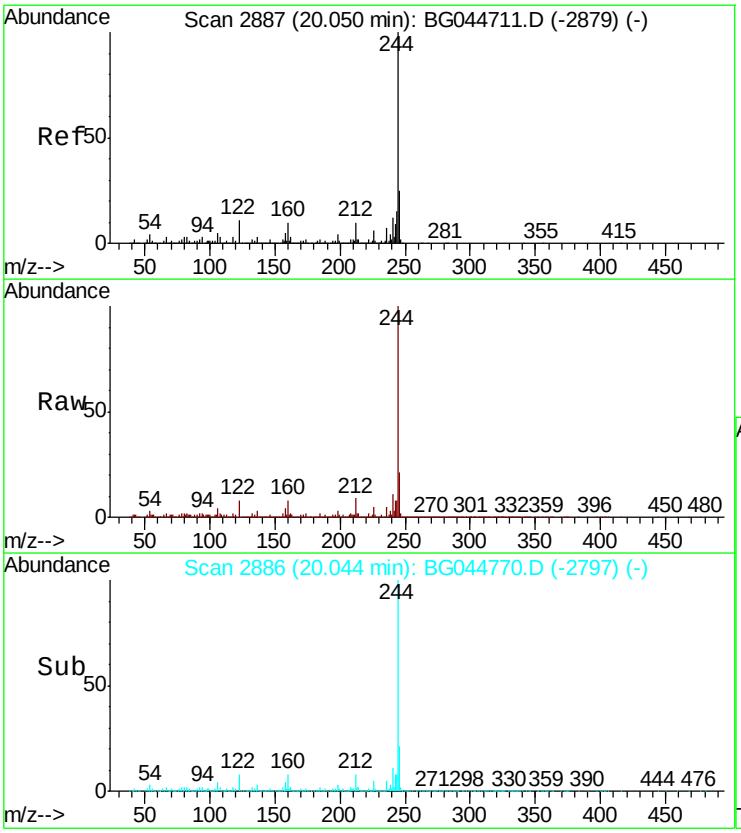
#78
Pyrene
Concen: 3.604 ng
RT: 19.84 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Instrument :
BNA_G
ClientSampleId :
OK-03-031020

Tgt Ion:202 Resp: 166647

Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.7	28.1
203	19.3	16.0	24.0

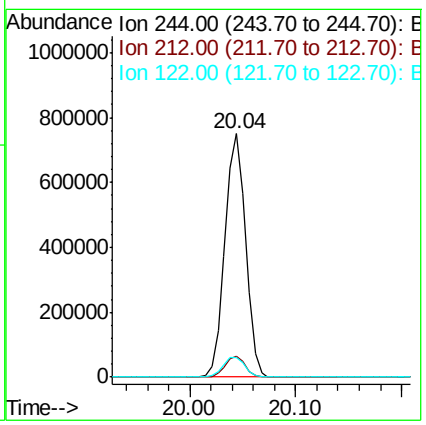


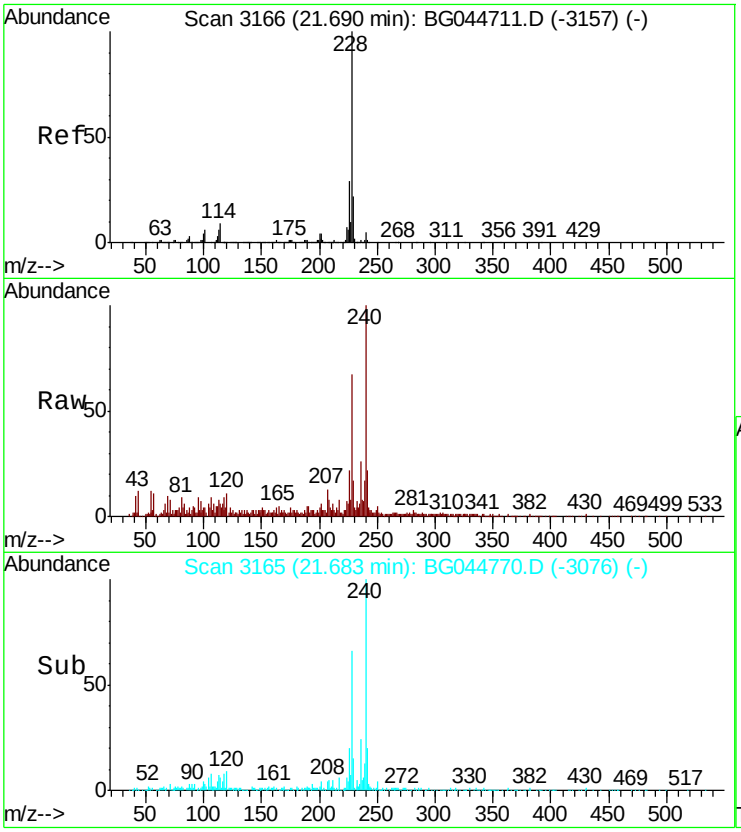


#79
Terphenyl-d14
Concen: 30.085 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Tgt Ion:244 Resp: 1013644

Ion	Ratio	Lower	Upper
244	100		
212	8.5	8.4	12.6
122	8.1	8.7	13.1#



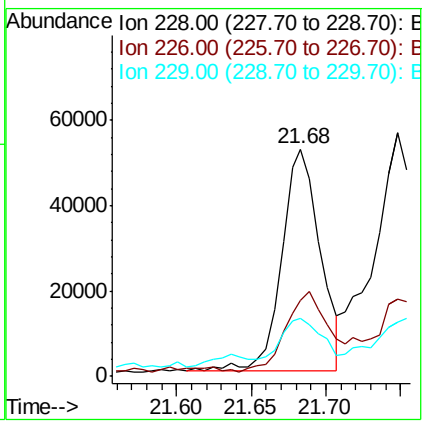


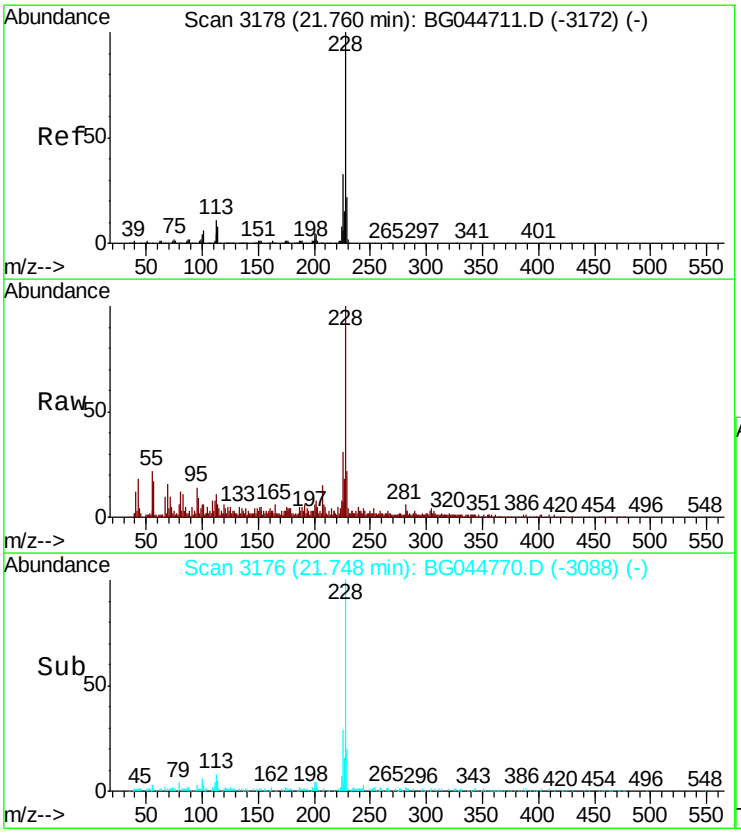
#81
Benzo(a)anthracene
Concen: 2.074 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Instrument :
BNA_G
ClientSampleId :
OK-03-031020

Tgt Ion:228 Resp: 94125

Ion	Ratio	Lower	Upper
228	100		
226	33.3	23.5	35.3
229	25.7	17.2	25.8

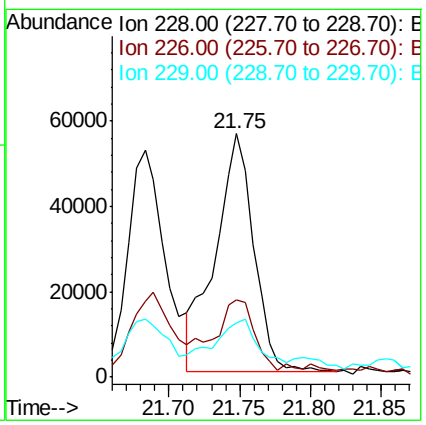


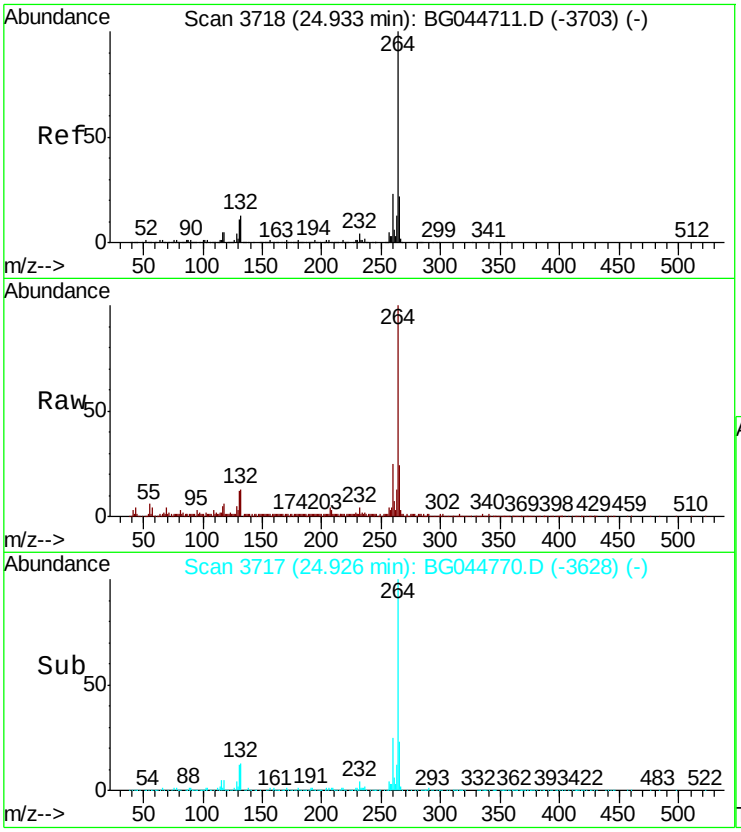


#83
Chrysene
Concen: 2.449 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Tgt Ion:228 Resp: 106154

Ion	Ratio	Lower	Upper
228	100		
226	31.5	26.1	39.1
229	22.3	17.4	26.0



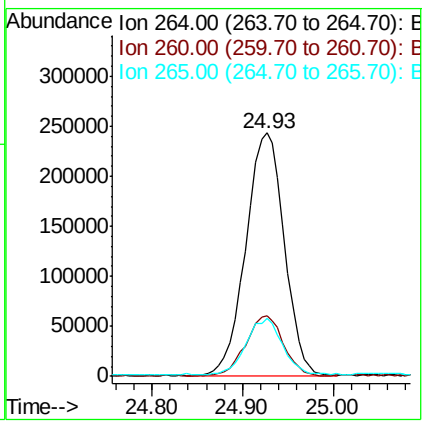


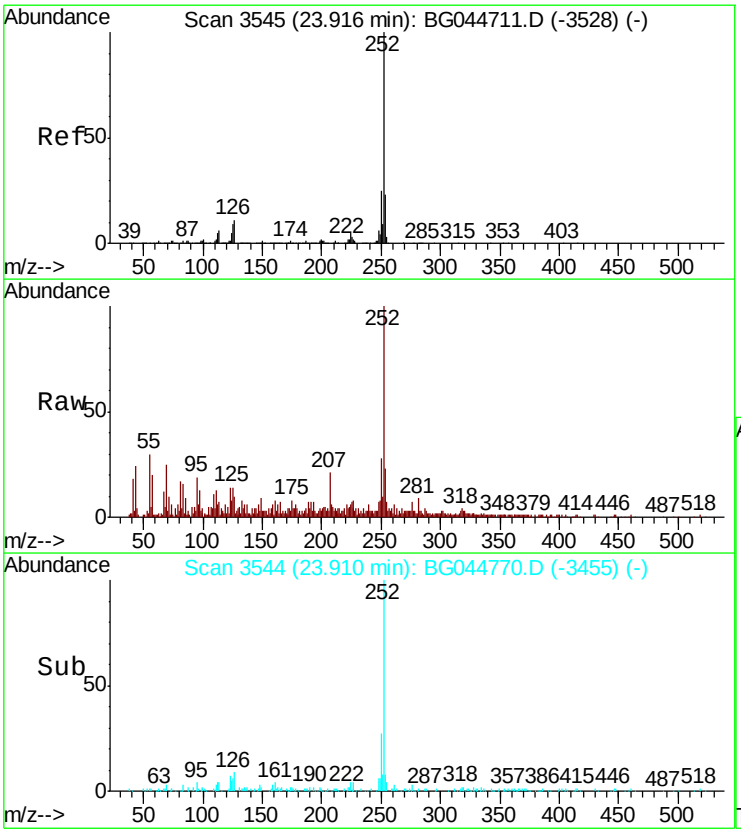
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Instrument :
BNA_G
ClientSampleId :
OK-03-031020

Tgt Ion:264 Resp: 710865

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.4	27.6
265	23.6	17.4	26.2

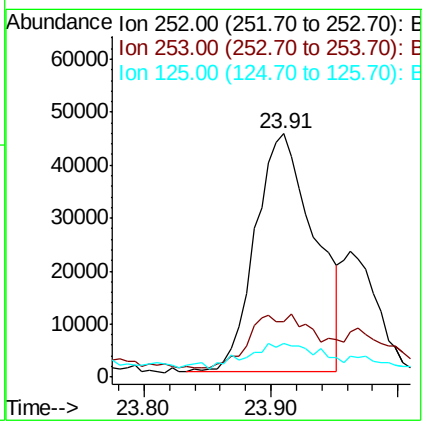


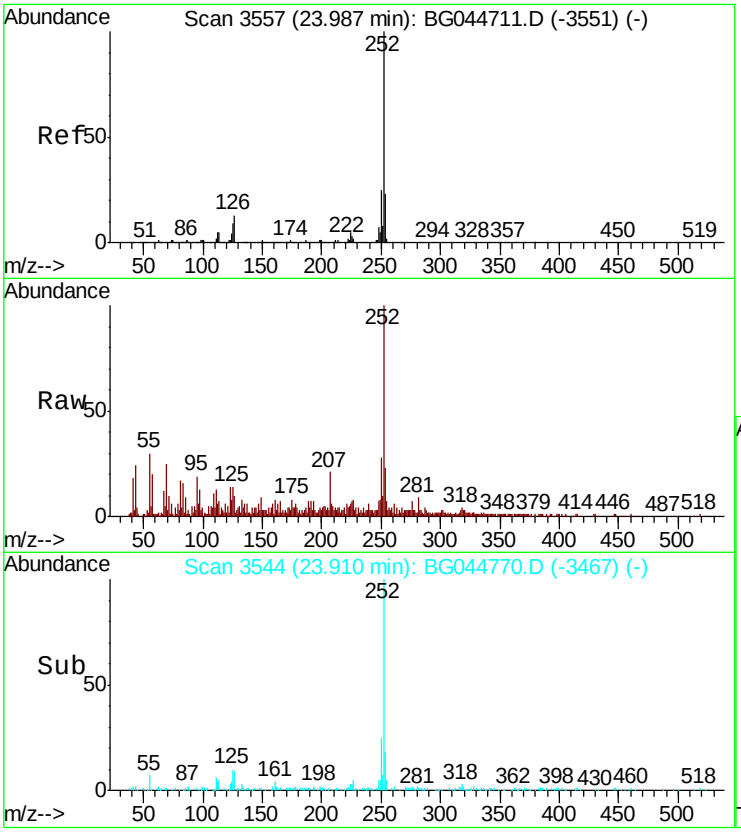


#88
Benzo(b)fluoranthene
Concen: 3.091 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Tgt Ion:252 Resp: 145071

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	13.8	7.2	10.8#



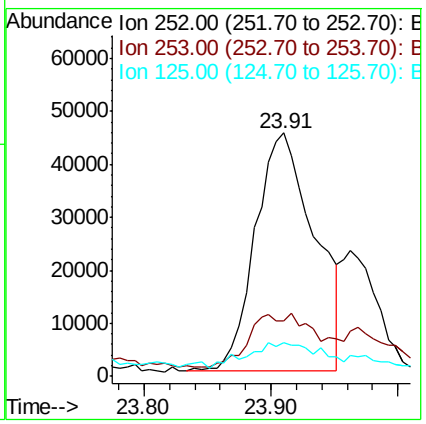


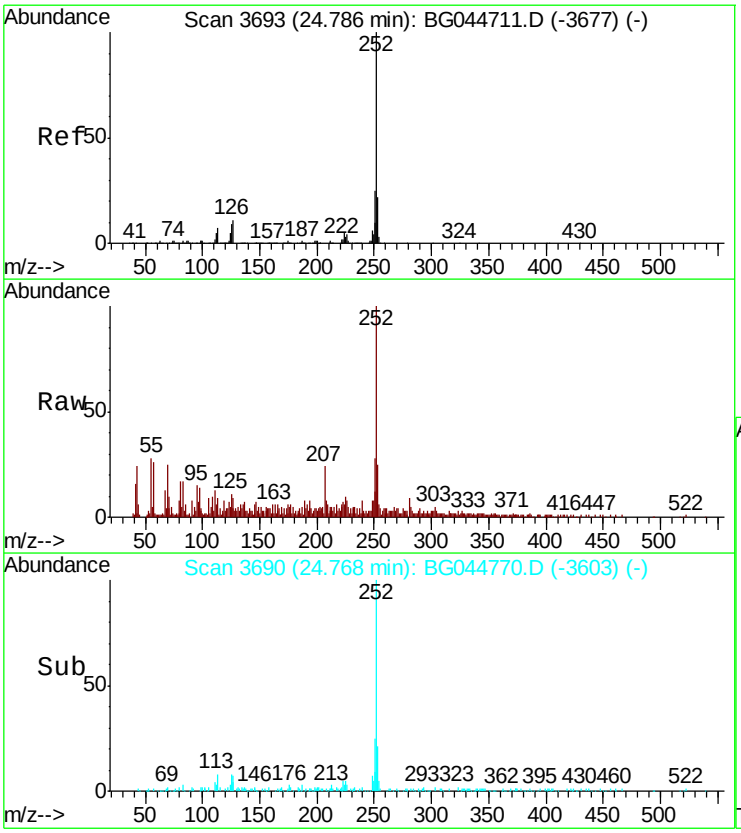
#89
Benzo(k)fluoranthene
Concen: 3.267 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.08 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Instrument :
BNA_G
ClientSampleId :
OK-03-031020

Tgt Ion:252 Resp: 145071

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	13.8	7.0	10.4#





#90
Benzo(a)pyrene
Concen: 2.529 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Tgt Ion:252 Resp: 111058

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.7	26.5
125	11.3	7.0	10.6#