Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043229.D
Acq On : 15 Oct 2019 21:44
Operator : JU
Sample : K5148-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 16 01:18:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	65796	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	250646	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	175303	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	371690	20.00	ng		0.00
76) Chrysene-d12	21.70	240	404370	20.00	ng		0.00
87) Perylene-d12	24.93	264	484635	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	163063	44.23	ng		0.00
7) Phenol-d6	7.22	99	238567	44.93	ng		0.00
23) Nitrobenzene-d5	9.22	82	142552	27.64	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	134611	44.66	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	388746	32.15	ng		0.00
79) Terphenyl-d14	20.03	244	661251	34.85	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	19782	5.674	ng	#	71
32) Benzoic acid	10.20	122	56	2.823	ng	#	1
50) Dimethylphthalate	14.12	163	60990	4.643	ng	#	97
51) 2,6-Dinitrotoluene	14.67	165	23863	8.531	ng	#	22
57) 2,4-Dinitrotoluene	14.67	165	23863	5.826	ng	#	25
71) Phenanthrene	17.47	178	86364	4.759	ng		98
75) Fluoranthene	19.48	202	212816	8.867	ng		96
78) Pyrene	19.83	202	212173	8.791	ng		99
81) Benzo(a)anthracene	21.67	228	114040	4.526	ng		96
83) Chrysene	21.74	228	120375	4.923	ng		96
86) Indeno(1,2,3-cd)pyrene	28.59	276	83515	2.744	ng	#	92
88) Benzo(b)fluoranthene	23.91	252	163354	5.957	ng	#	93
89) Benzo(k)fluoranthene	23.91	252	163354	6.022	ng	#	95
90) Benzo(a)pyrene	24.77	252	124390	4.808	ng	#	95
92) Benzo(g,h,i)perylene	29.75	276	89032	3.464	ng		98

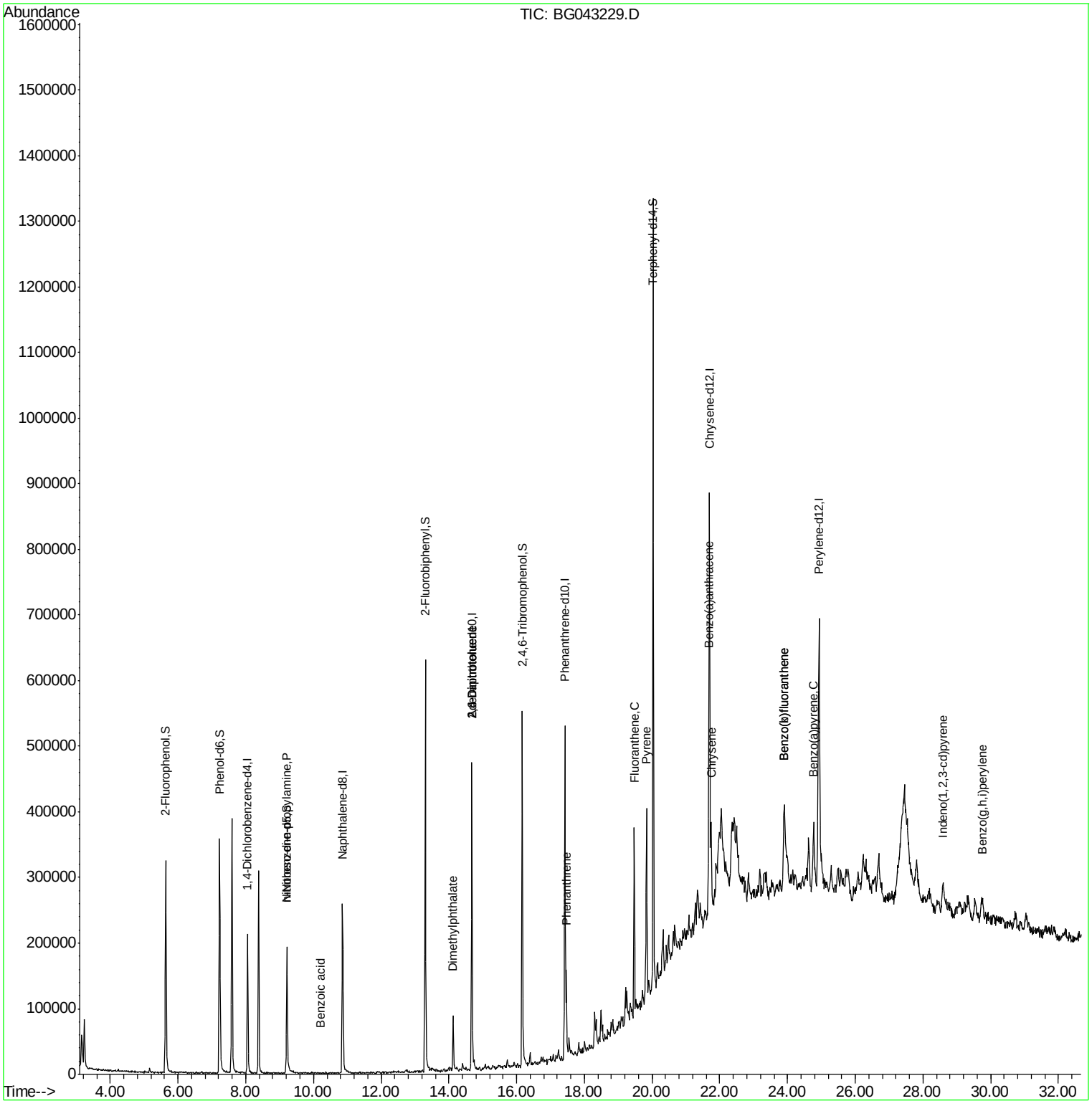
(#) = qualifier out of range (m) = manual integration (+) = signals summed

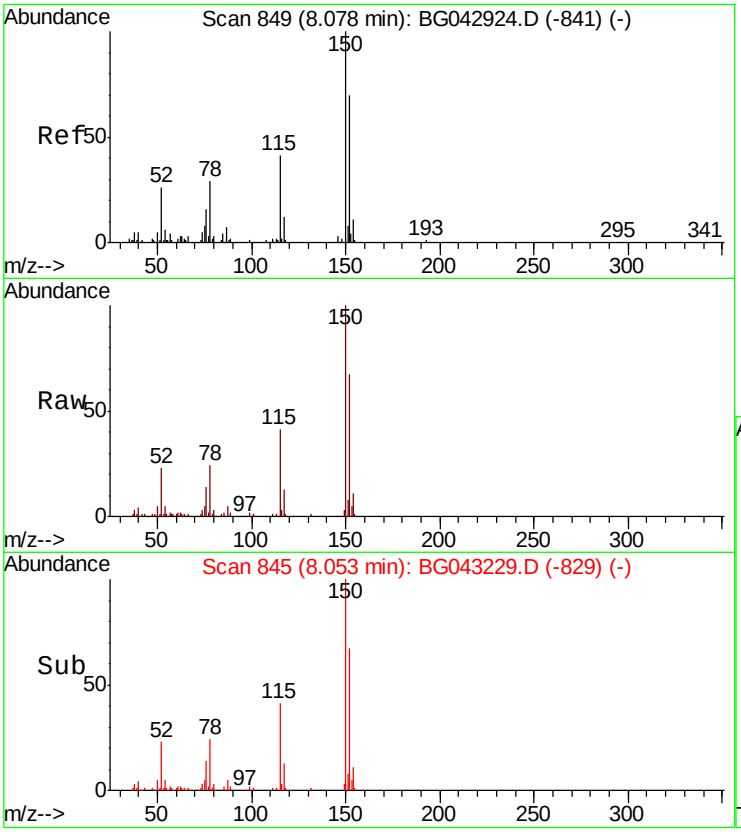
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043229.D
Acq On : 15 Oct 2019 21:44
Operator : JU
Sample : K5148-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 16 01:18:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration



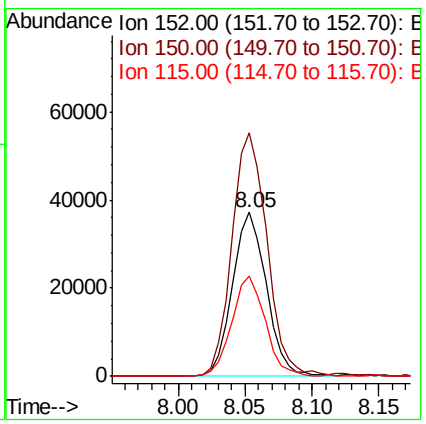


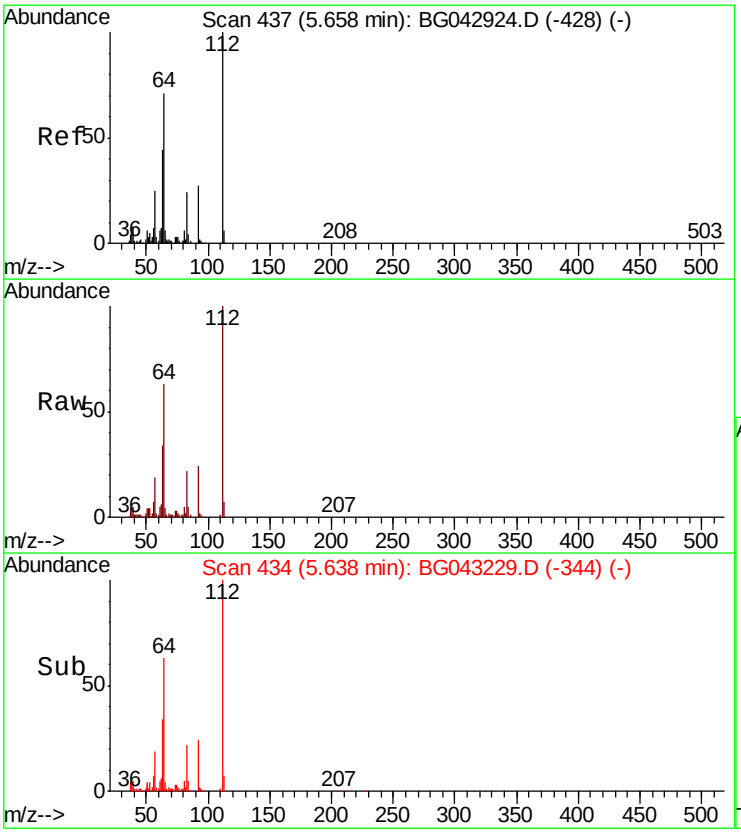
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 65796

Ion	Ratio	Lower	Upper
152	100		
150	148.5	115.0	172.4
115	60.8	47.0	70.6

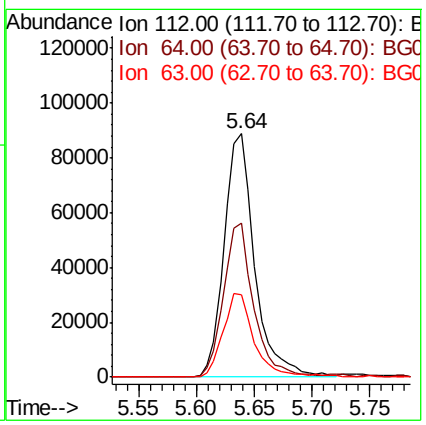


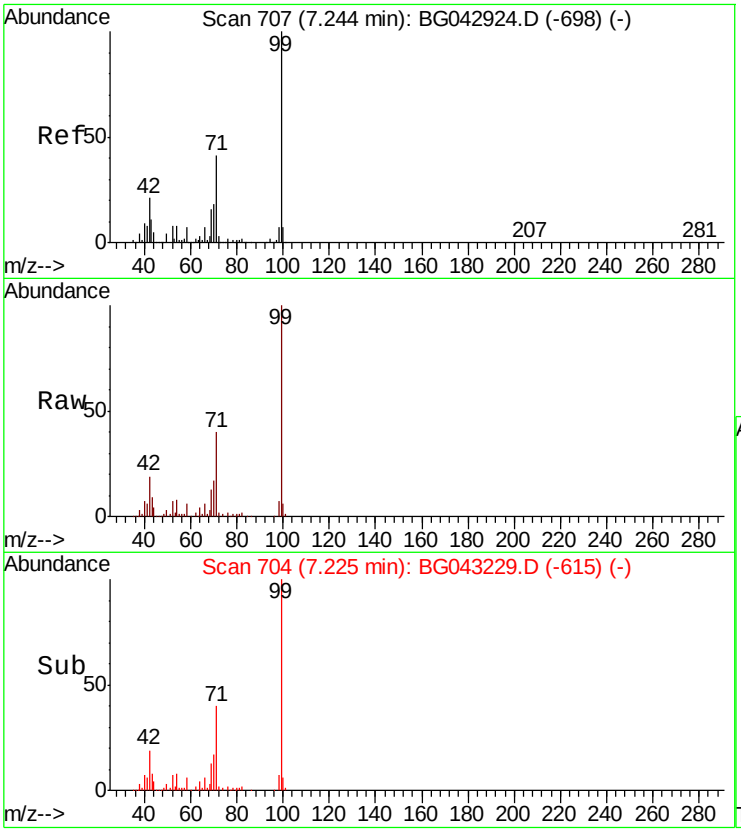


#5
2-Fluorophenol
Concen: 44.228 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion:112 Resp: 163063

Ion	Ratio	Lower	Upper
112	100		
64	63.3	56.6	84.8
63	33.6	35.1	52.7#



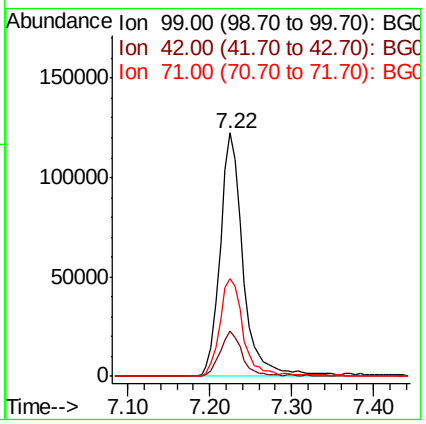


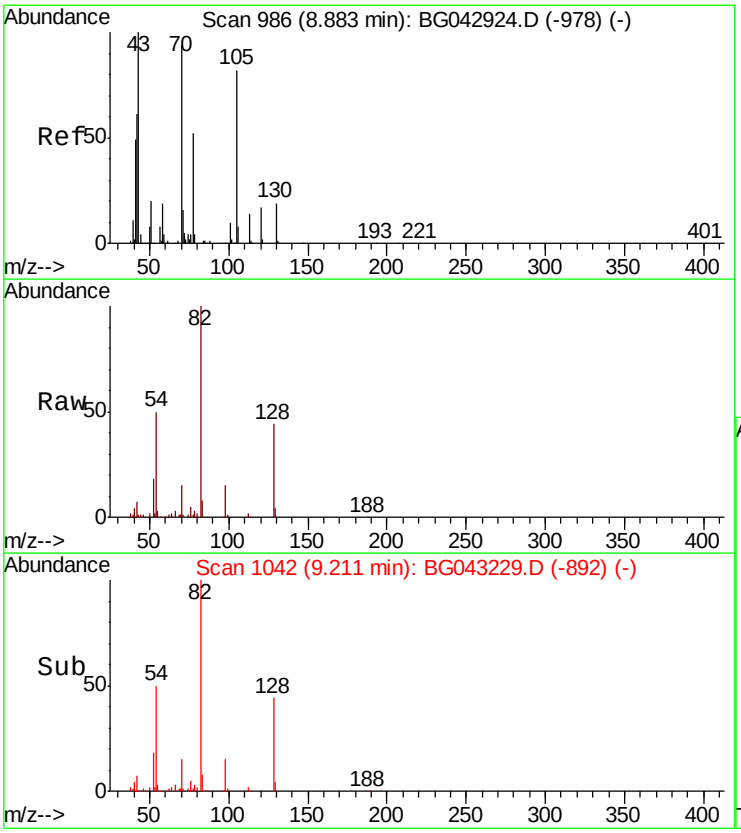
#7
Phenol-d6
Concen: 44.934 ng
RT: 7.22 min Scan# 704
Delta R.T. -0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 238567

Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.2	25.8
71	40.3	33.1	49.7

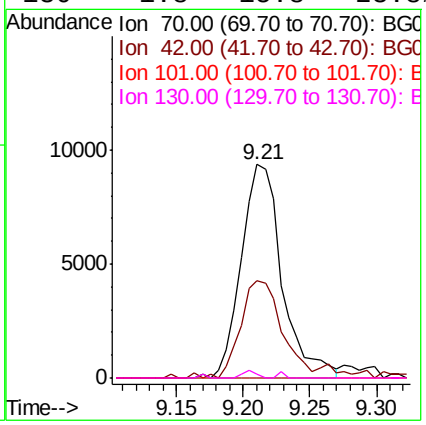


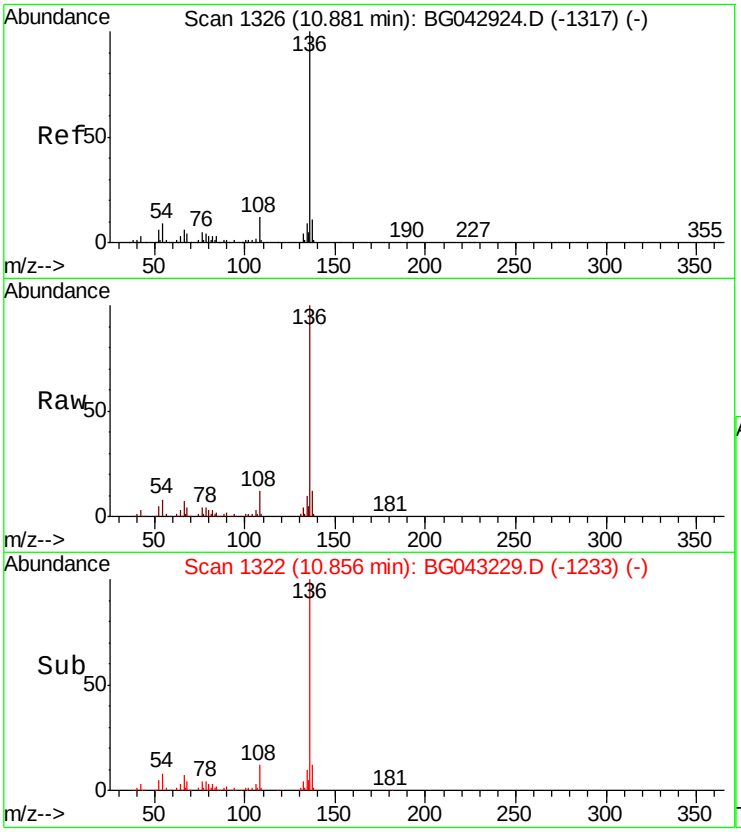


#19
n-Nitroso-di-n-propylamine
Concen: 5.674 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion: 70 Resp: 19782

Ion	Ratio	Lower	Upper
70	100		
42	45.5	52.6	79.0#
101	0.0	8.7	13.1#
130	1.8	15.8	23.8#



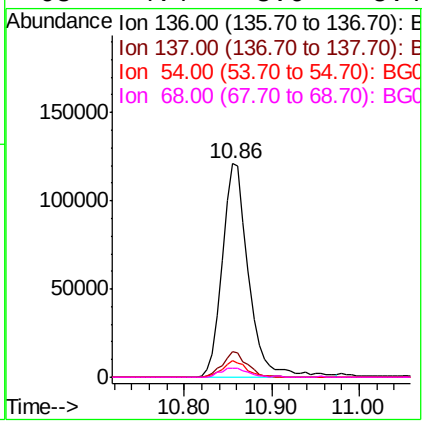


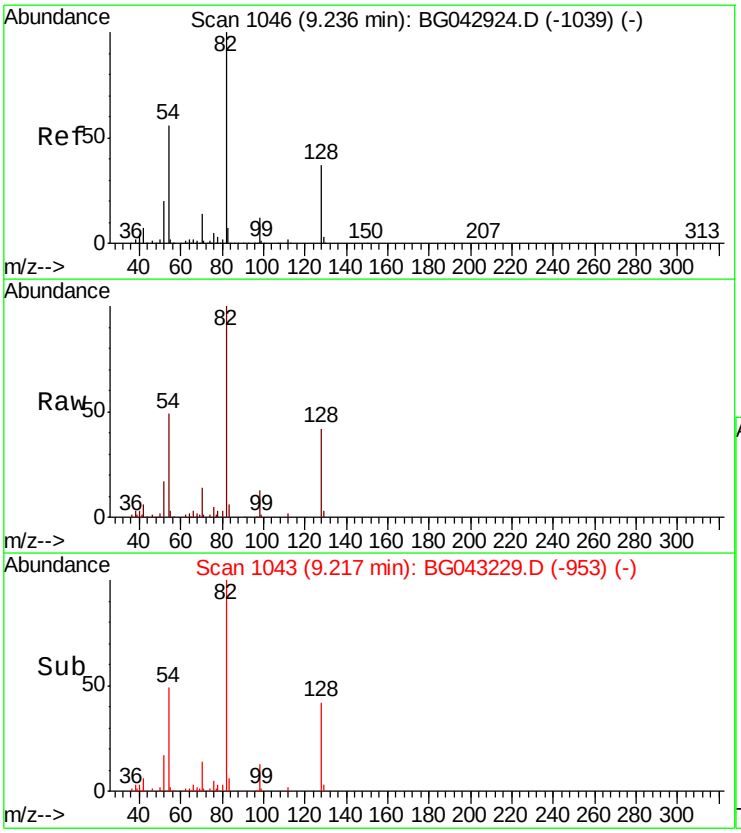
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 250646

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.5	12.7
54	8.0	7.4	11.2
68	4.4	3.6	5.4

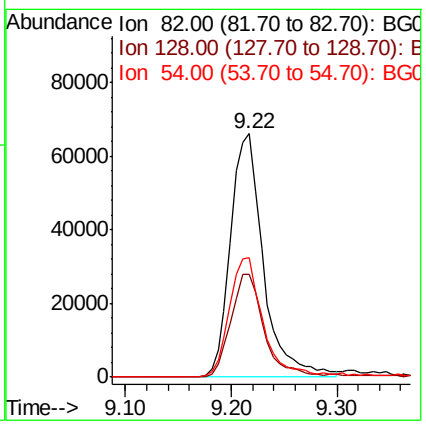


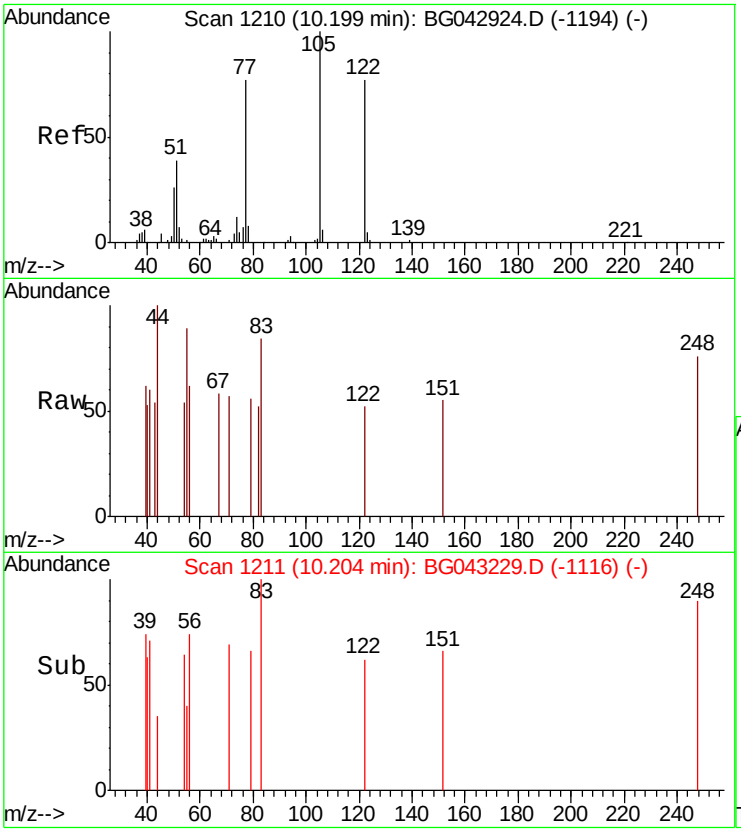


#23
Nitrobenzene-d5
Concen: 27.644 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion: 82 Resp: 142552

Ion	Ratio	Lower	Upper
82	100		
128	42.0	29.5	44.3
54	48.9	44.6	67.0



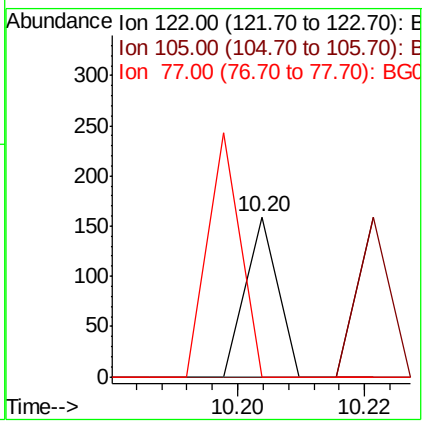


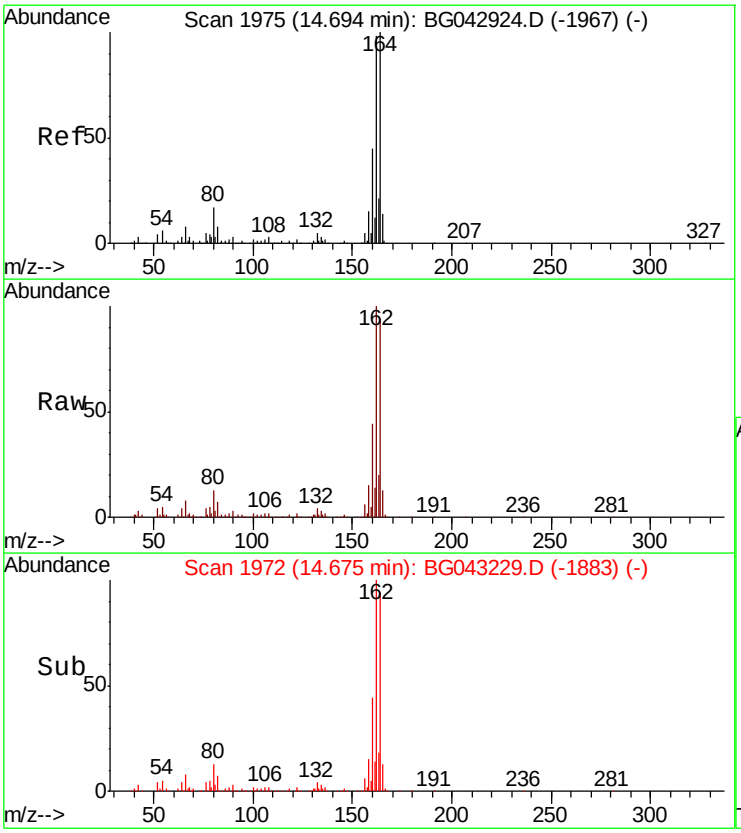
#32
Benzoic acid
Concen: 2.823 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.03 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#

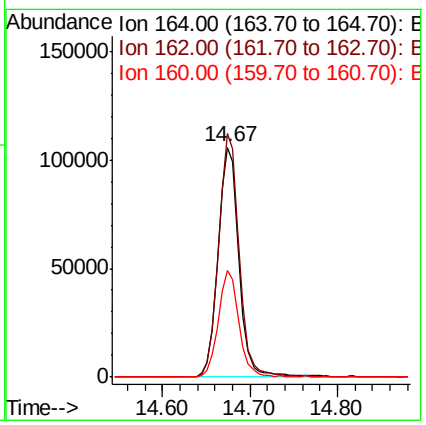


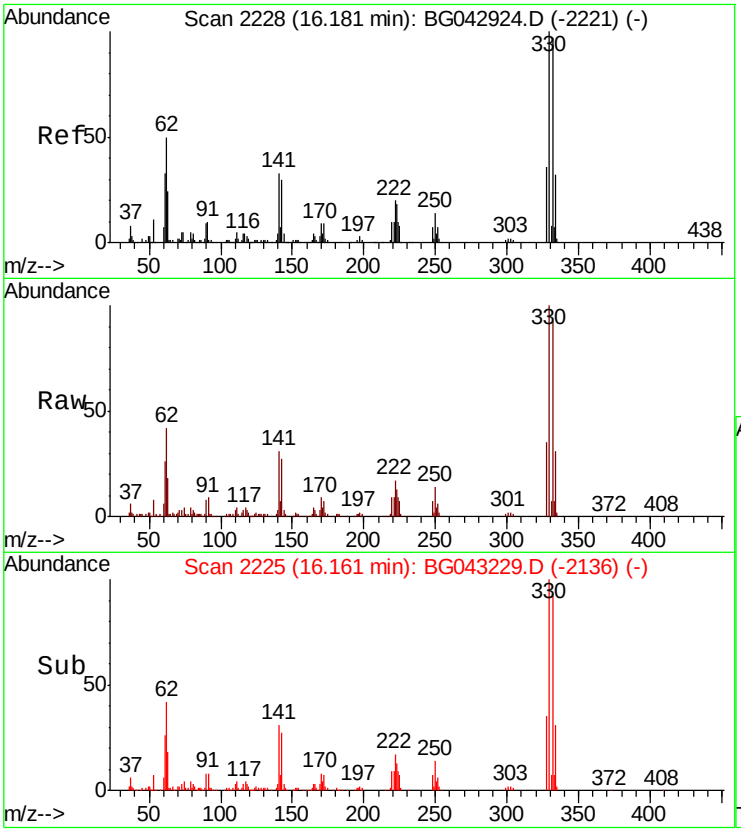


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion:164 Resp: 175303

Ion	Ratio	Lower	Upper
164	100		
162	106.0	78.5	117.7
160	46.2	35.9	53.9



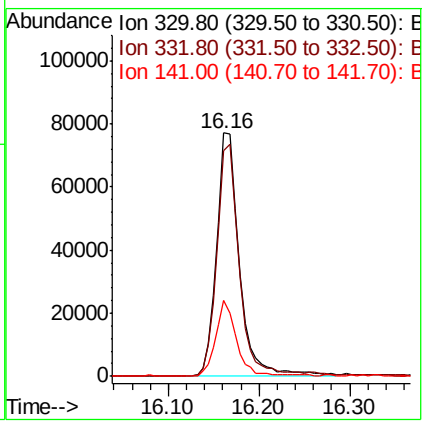


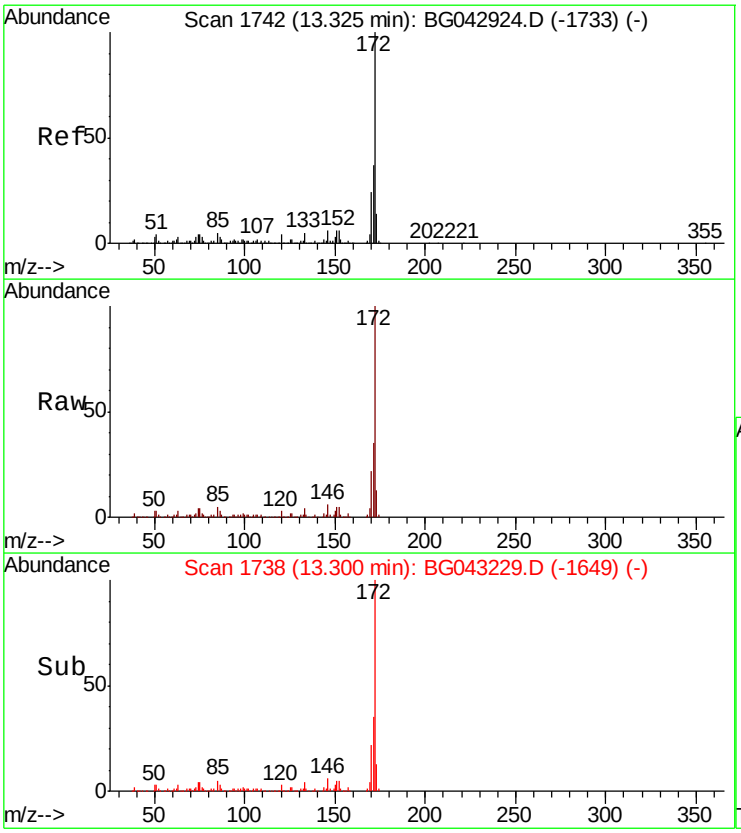
#42
2,4,6-Tribromophenol
Concen: 44.655 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 134611

Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.2	117.2
141	29.0	26.0	39.0

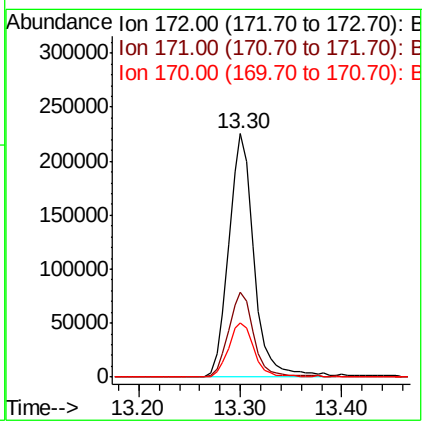


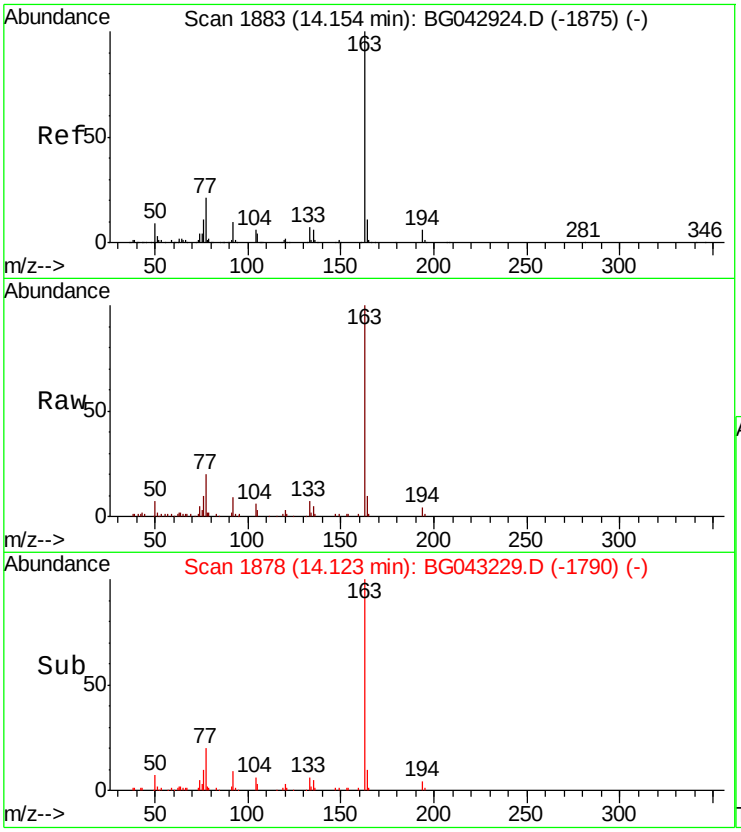


#45
2-Fluorobiphenyl
Concen: 32.148 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion:172 Resp: 388746

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	22.1	19.6	29.4



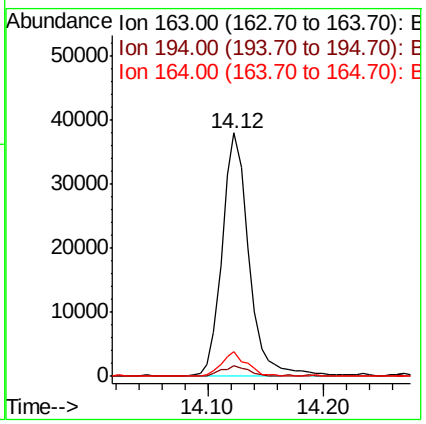


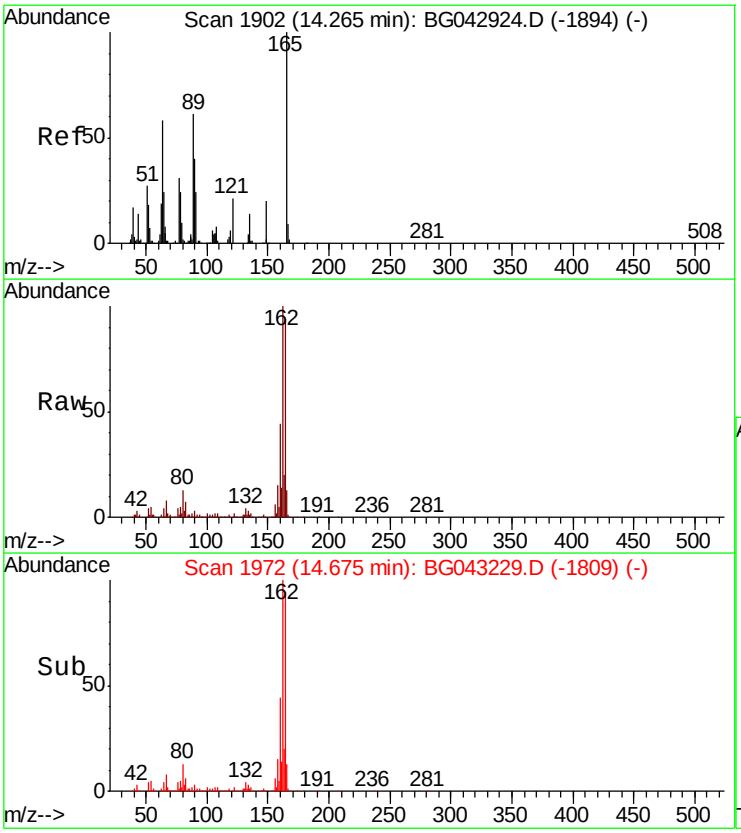
#50
Dimethylphthalate
Concen: 4.643 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 60990

Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.4	6.6#
164	9.9	8.6	12.8

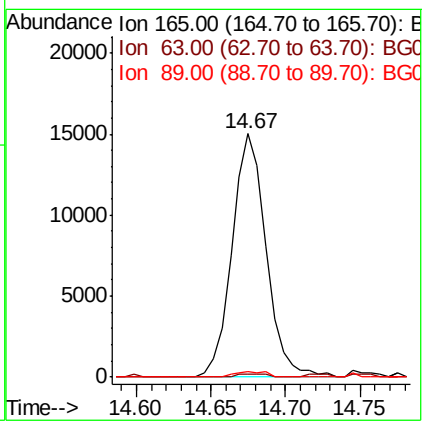


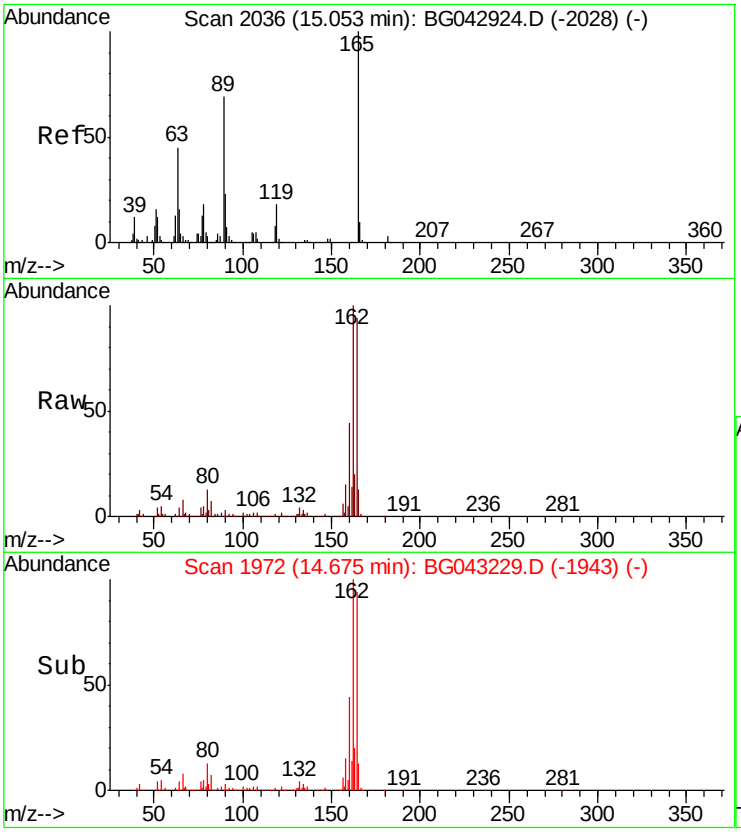


#51
2,6-Dinitrotoluene
Concen: 8.531 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.43 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion:165 Resp: 23863

Ion	Ratio	Lower	Upper
165	100		
63	1.4	50.3	75.5#
89	2.1	48.9	73.3#



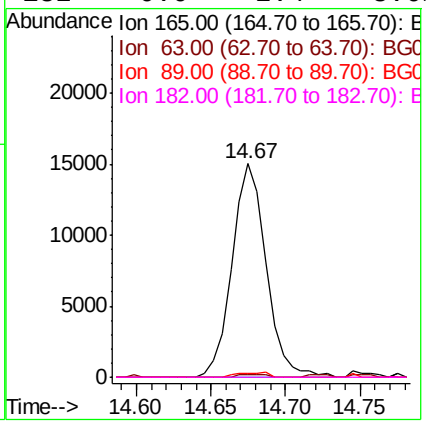


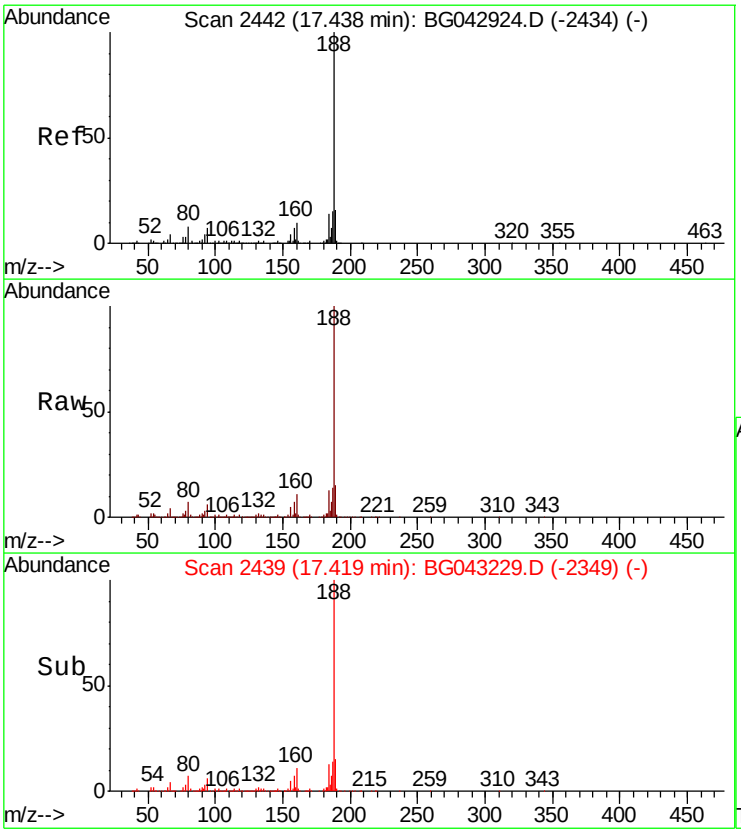
#57
2,4-Dinitrotoluene
Concen: 5.826 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 23863

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.5	54.7#
89	2.1	55.5	83.3#
182	0.0	2.4	3.6#

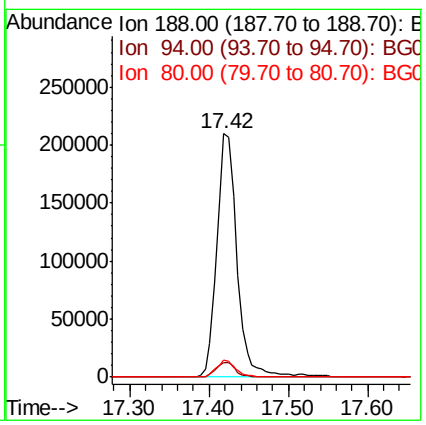


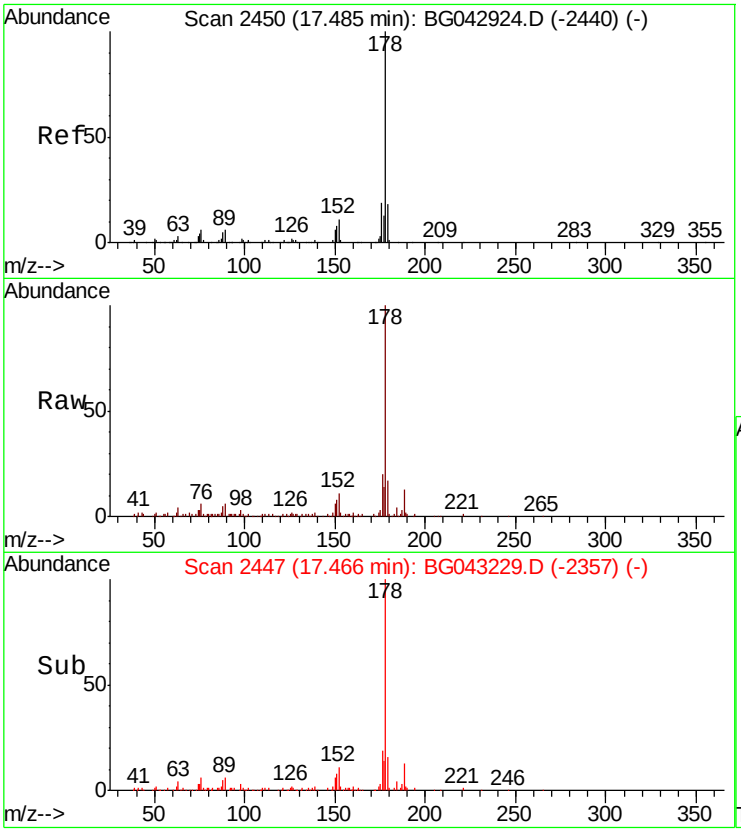


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion:188 Resp: 371690

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	7.0	6.5	9.7



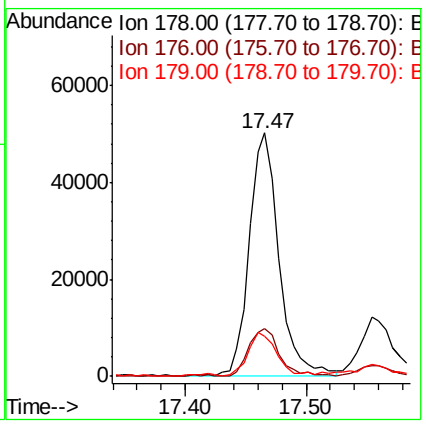


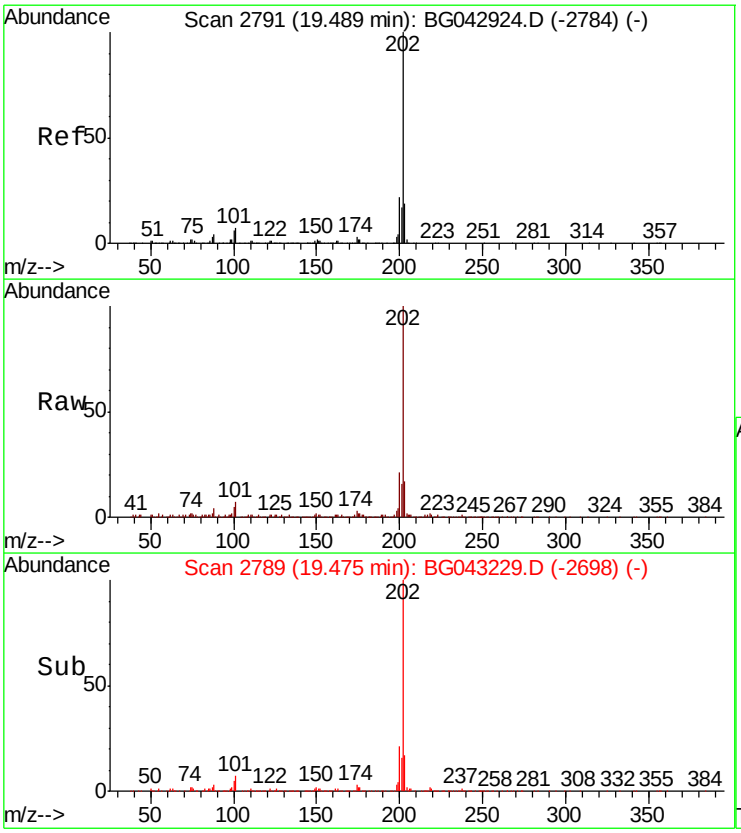
#71
Phenanthrene
Concen: 4.759 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 86364

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	16.6	14.1	21.1

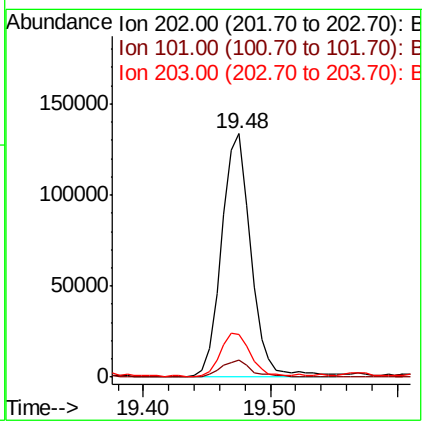


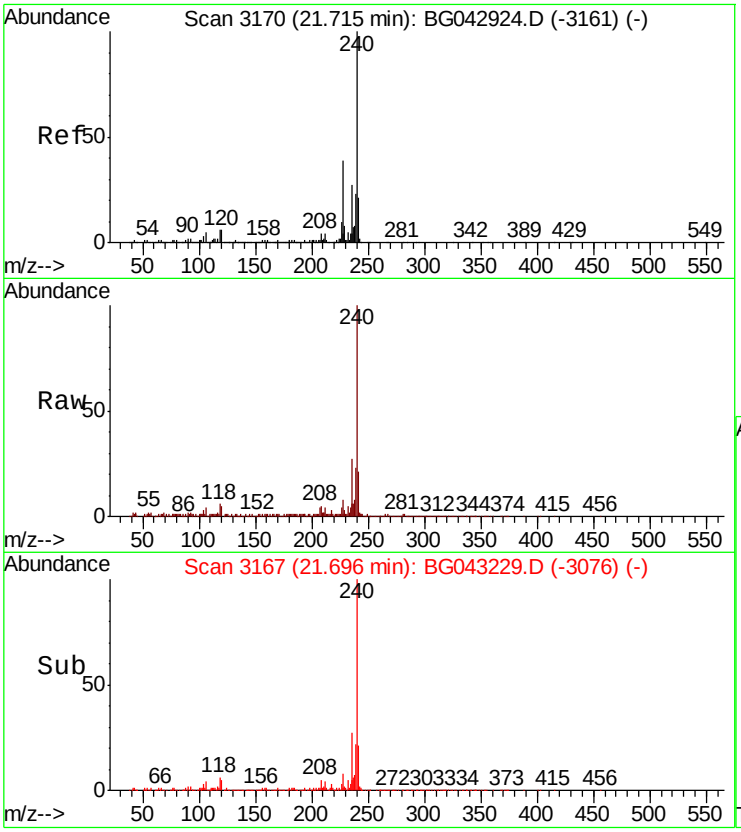


#75
Fluoranthene
Concen: 8.867 ng
RT: 19.48 min Scan# 2789
Delta R.T. 0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion:202 Resp: 212816

Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	27.3
203	17.3	0.0	39.5



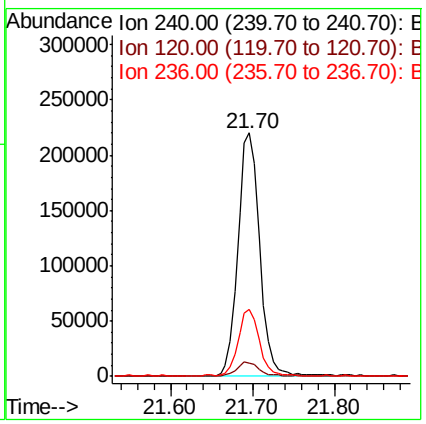


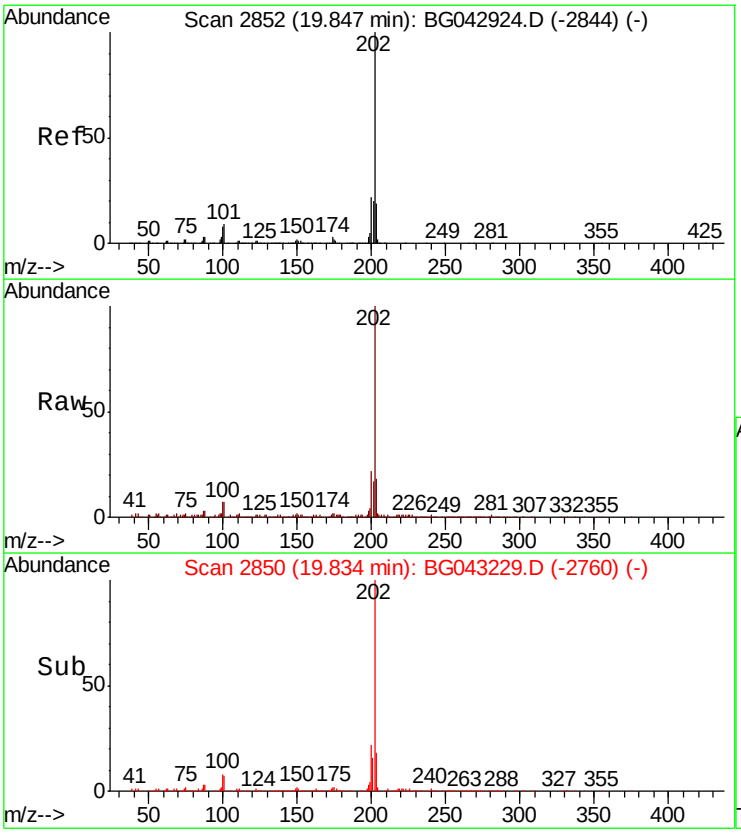
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 404370

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.8	7.2
236	27.3	21.4	32.0

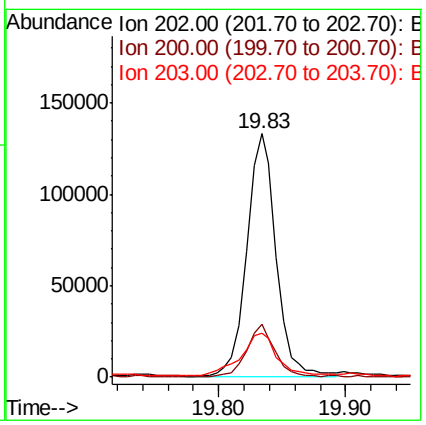


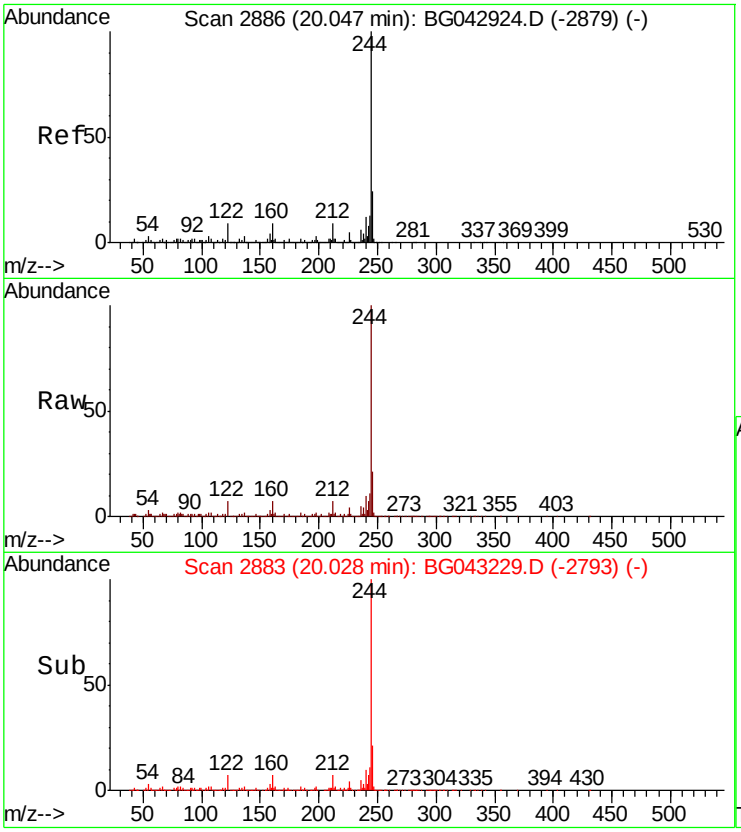


#78
Pyrene
Concen: 8.791 ng
RT: 19.83 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion:202 Resp: 212173

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	18.1	15.2	22.8



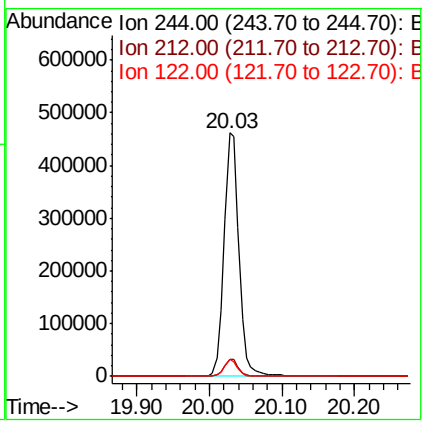


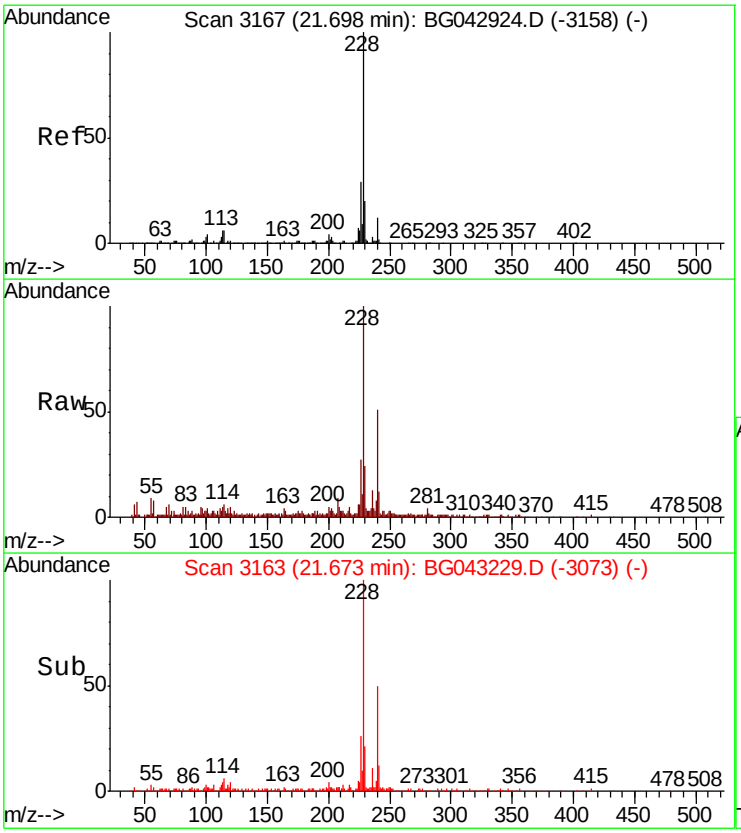
#79
Terphenyl-d14
Concen: 34.845 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 661251

Ion	Ratio	Lower	Upper
244	100		
212	7.2	7.4	11.0#
122	6.8	7.0	10.4#

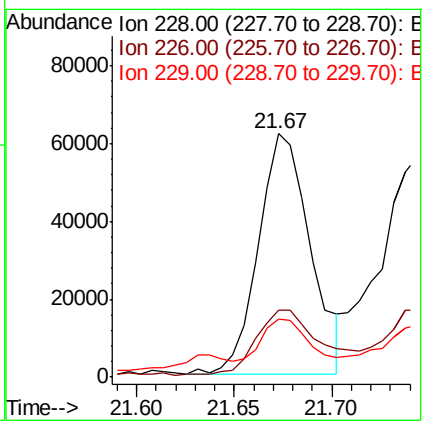


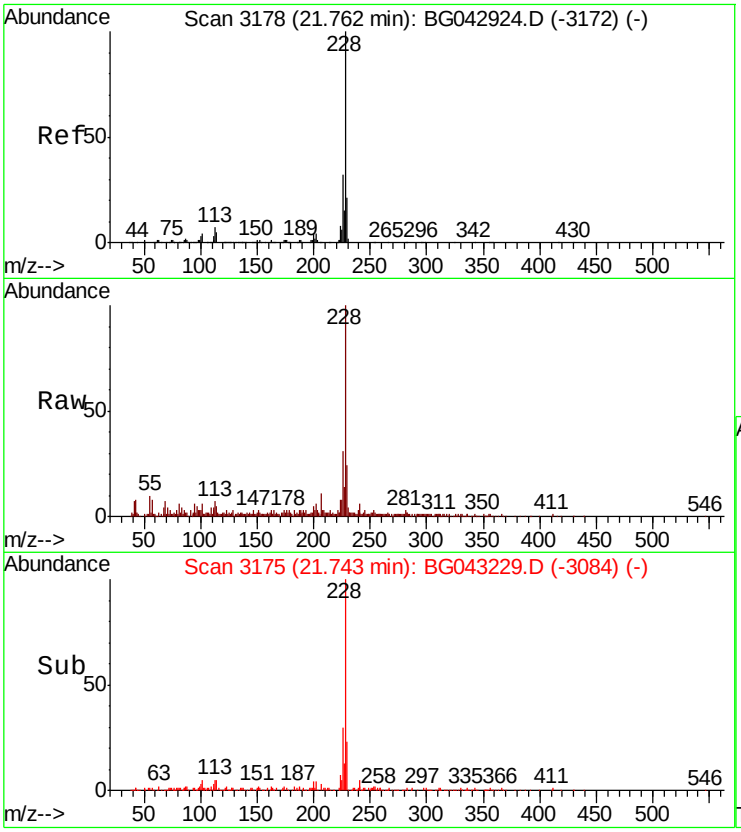


#81
Benzo(a)anthracene
Concen: 4.526 ng
RT: 21.67 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion:228 Resp: 114040

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.0	34.4
229	23.6	16.3	24.5



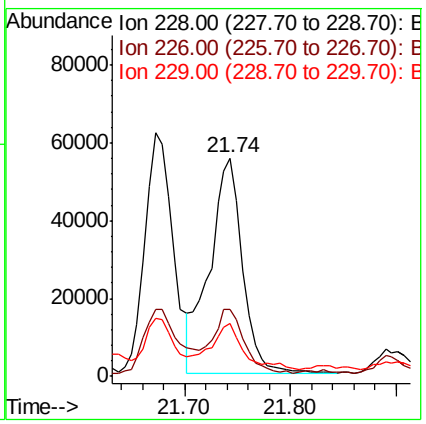


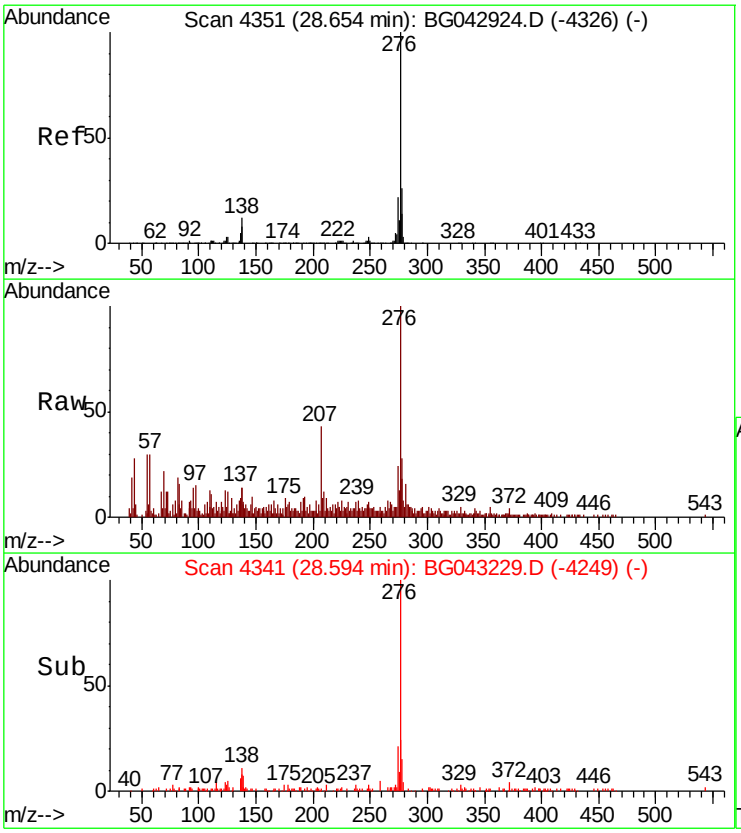
#83
Chrysene
Concen: 4.923 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 120375

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.6	38.4
229	24.4	16.9	25.3

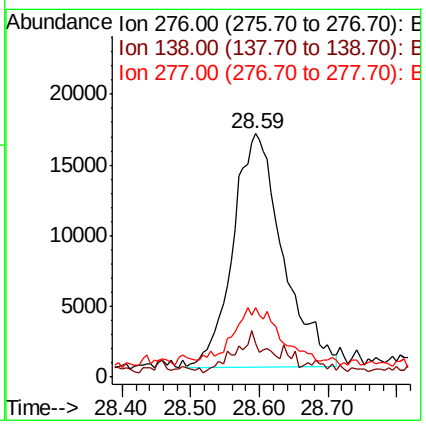


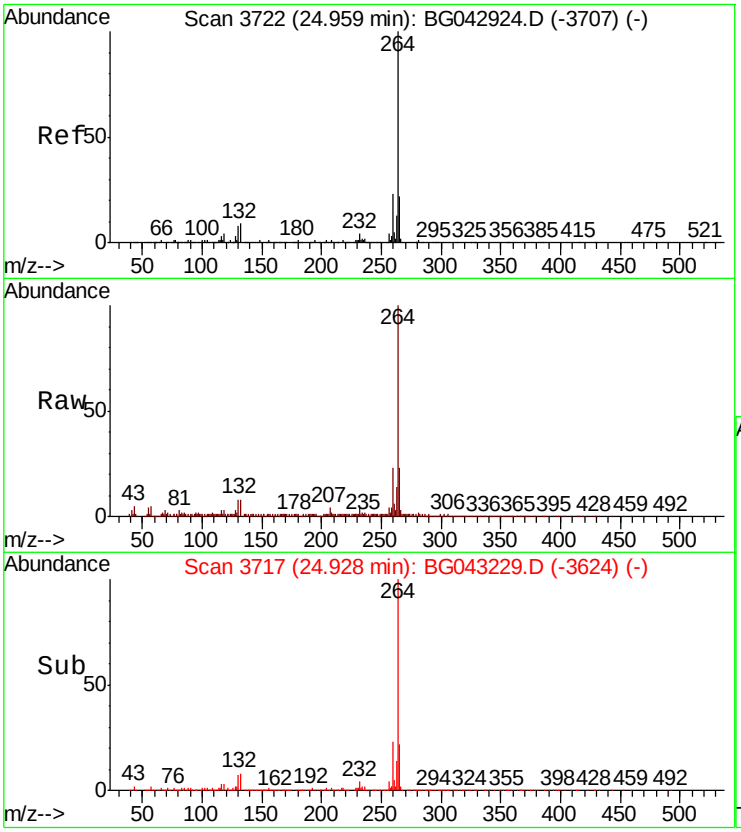


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.744 ng
RT: 28.59 min Scan# 4341
Delta R.T. 0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion:276 Resp: 83515

Ion	Ratio	Lower	Upper
276	100		
138	10.7	7.0	10.6#
277	21.2	20.9	31.3



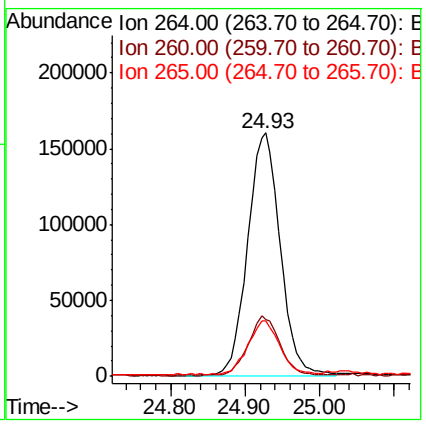


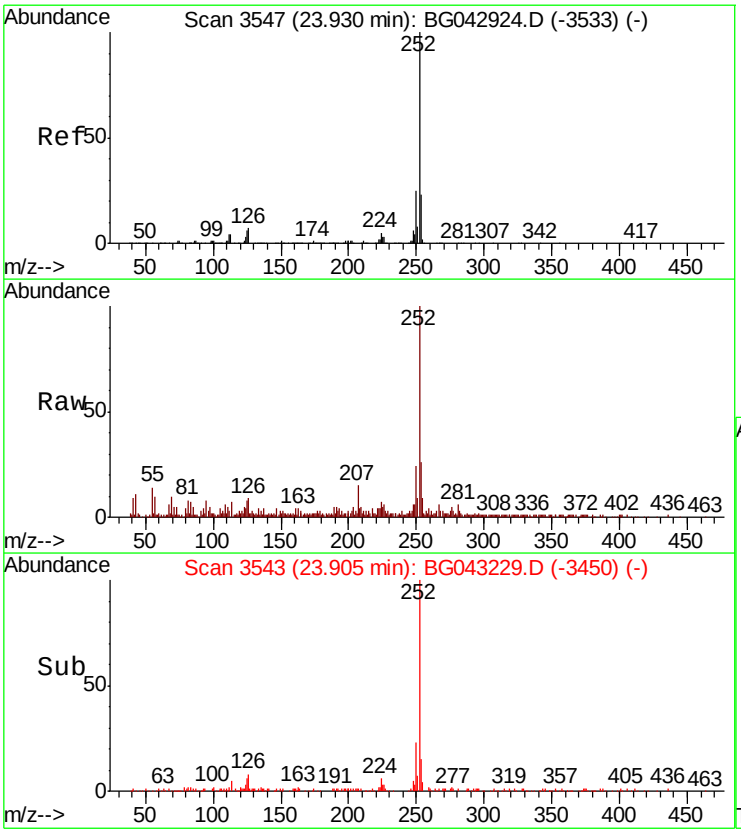
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.02 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 484635

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	22.9	17.7	26.5

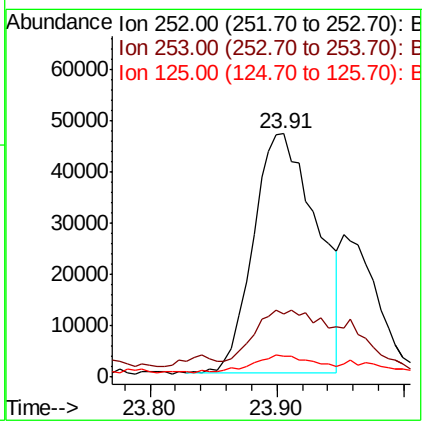


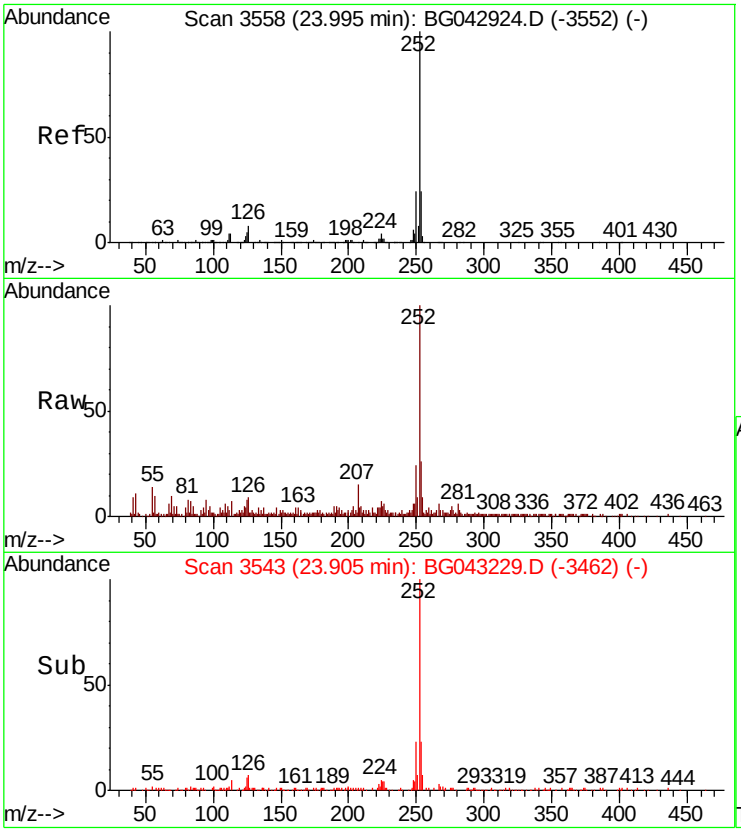


#88
Benzo(b)fluoranthene
Concen: 5.957 ng
RT: 23.91 min Scan# 3543
Delta R.T. 0.02 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion:252 Resp: 163354

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.2	27.2
125	8.4	4.6	7.0#



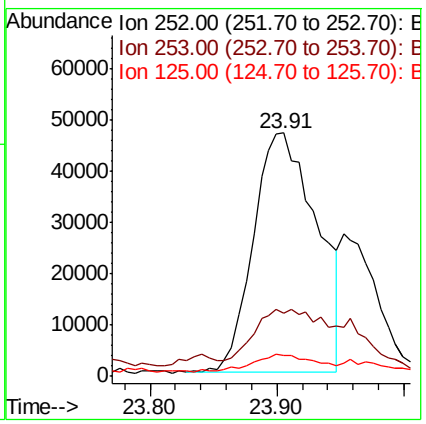


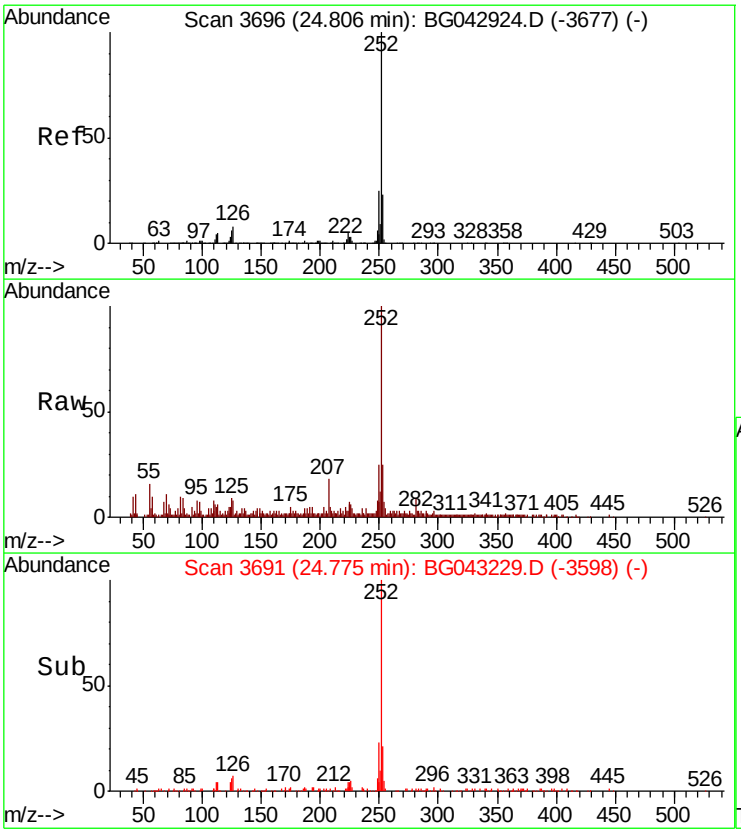
#89
Benzo(k)fluoranthene
Concen: 6.022 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.05 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 163354

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.9	28.3
125	8.4	4.5	6.7#

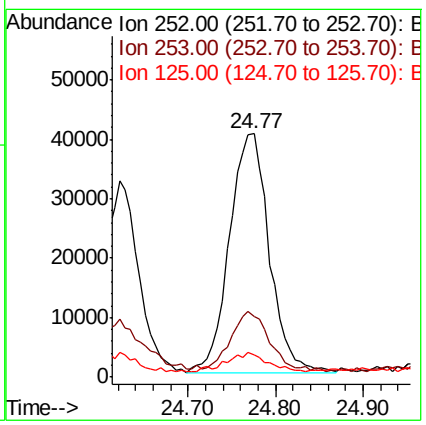


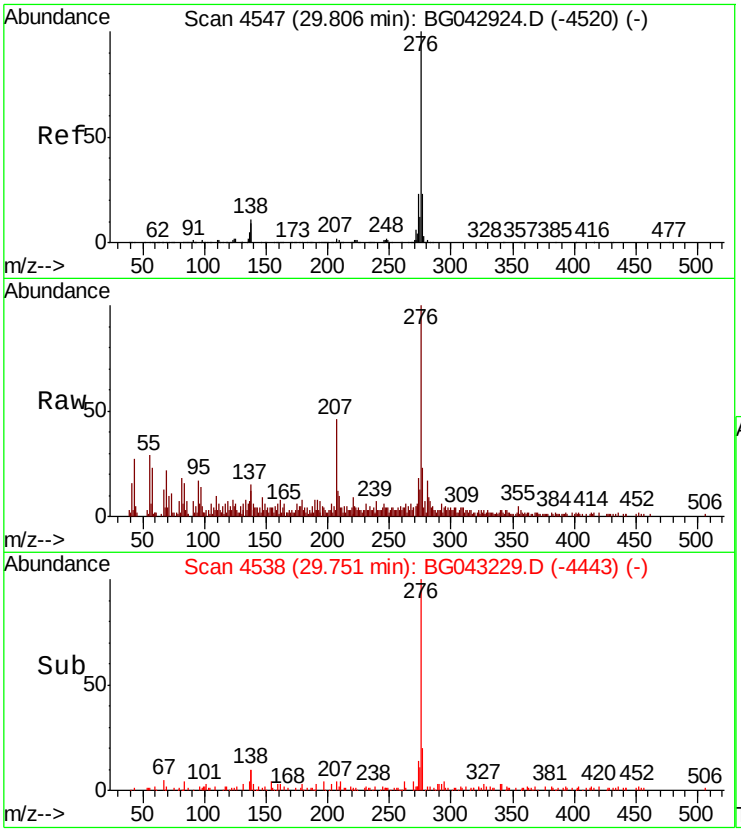


#90
Benzo(a)pyrene
Concen: 4.808 ng
RT: 24.77 min Scan# 3691
Delta R.T. 0.02 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion:252 Resp: 124390

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.4
125	8.9	5.0	7.6#





#92
Benzo(g,h,i)perylene
Concen: 3.464 ng
RT: 29.75 min Scan# 4538
Delta R.T. 0.03 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 89032

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.4	27.6
138	12.3	8.6	12.8