Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044046.D
Acq On : 14 Jan 2020 21:24
Operator : JU
Sample : L1106-04RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 14 23:52:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	129417	20.00	ng		-0.02
21) Naphthalene-d8	10.75	136	530349	20.00	ng		-0.02
39) Acenaphthene-d10	14.58	164	324735	20.00	ng		-0.02
64) Phenanthrene-d10	17.32	188	635968	20.00	ng		-0.01
76) Chrysene-d12	21.58	240	544879	20.00	ng		0.00
87) Perylene-d12	24.80	264	615416	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	699565	99.25	ng		0.00
7) Phenol-d6	7.12	99	970891	98.54	ng		0.00
23) Nitrobenzene-d5	9.10	82	568919	57.39	ng		-0.02
42) 2,4,6-Tribromophenol	16.07	330	318498	93.72	ng		-0.02
45) 2-Fluorobiphenyl	13.21	172	984169	54.91	ng		-0.02
79) Terphenyl-d14	19.94	244	1153075	43.37	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.10	70	75516	10.292	ng	#	78
32) Benzoic acid	10.03	122	57	6.271	ng	#	54
50) Dimethylphthalate	14.03	163	124146	5.384	ng		97
57) 2,4-Dinitrotoluene	14.58	165	42609	6.009	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.07	198	1041	4.678	ng	#	1
67) 4-Bromophenyl-phenylether	16.07	248	23627	3.303	ng	#	1
71) Phenanthrene	17.36	178	134609	4.413	ng		94
75) Fluoranthene	19.37	202	224324	6.430	ng		93
78) Pyrene	19.37	202	224324	6.307	ng		91
80) Butylbenzylphthalate	20.63	149	62444	3.688	ng		97
81) Benzo(a)anthracene	21.57	228	107288	3.175	ng		94
83) Chrysene	21.63	228	99711	3.106	ng		94
88) Benzo(b)fluoranthene	23.78	252	170433	4.685	ng	#	95
89) Benzo(k)fluoranthene	23.78	252	170433	4.926	ng	#	95
90) Benzo(a)pyrene	24.64	252	89393	2.603	ng	#	93

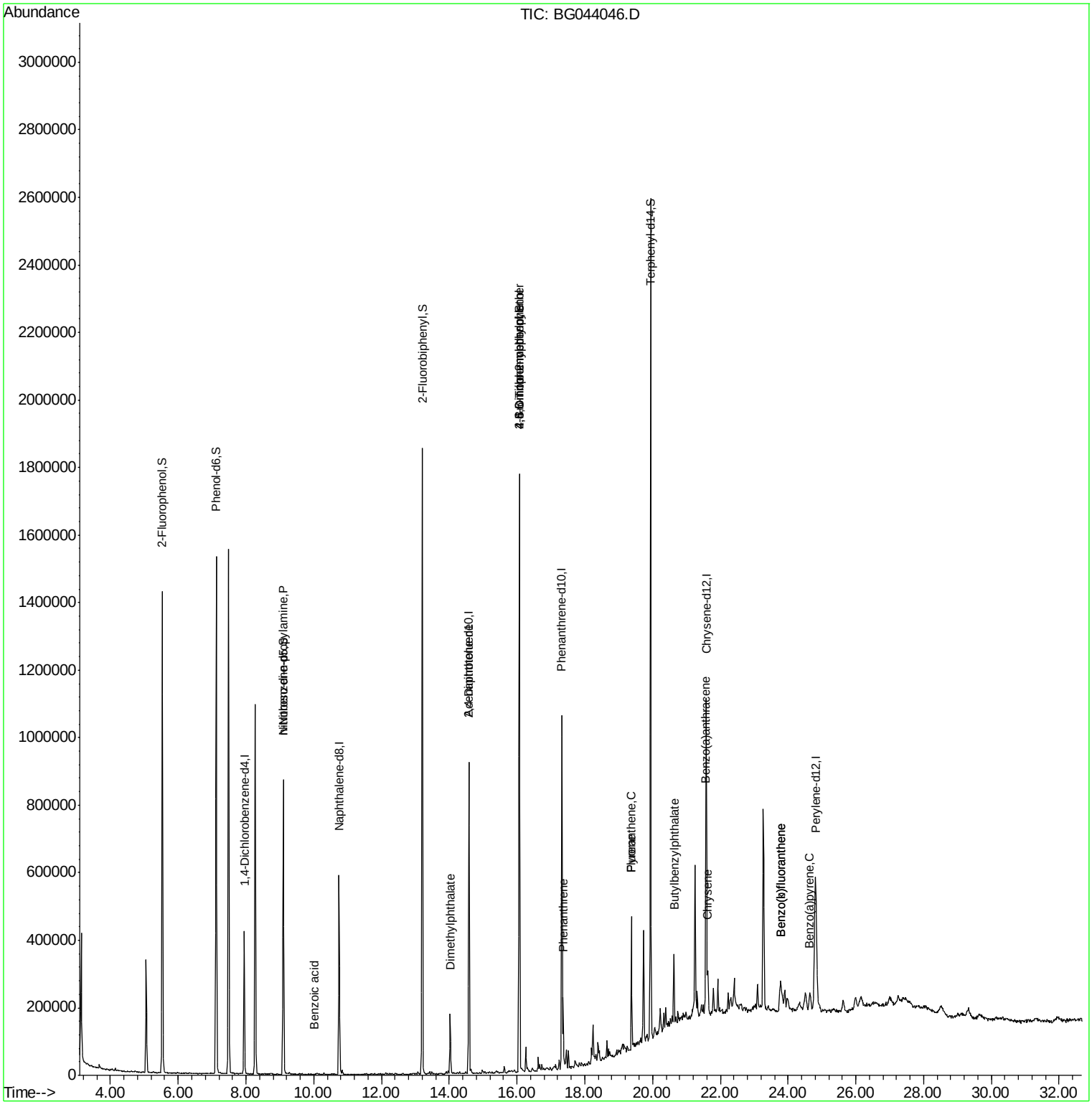
(#) = qualifier out of range (m) = manual integration (+) = signals summed

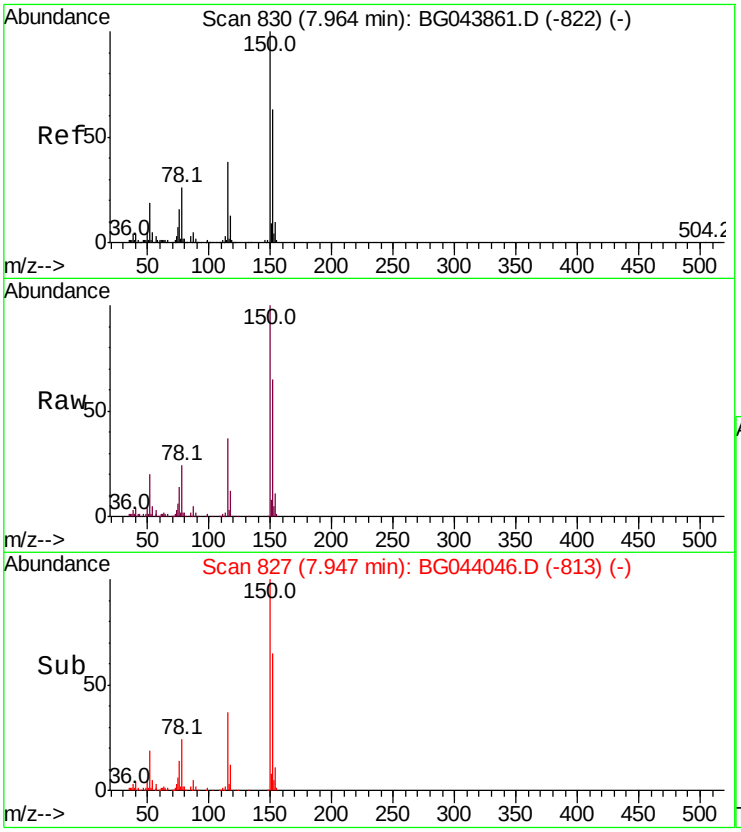
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044046.D
Acq On : 14 Jan 2020 21:24
Operator : JU
Sample : L1106-04RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 14 23:52:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



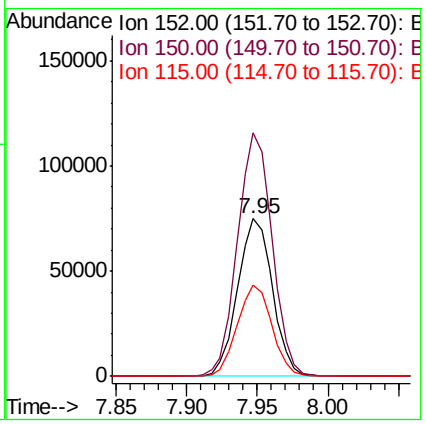


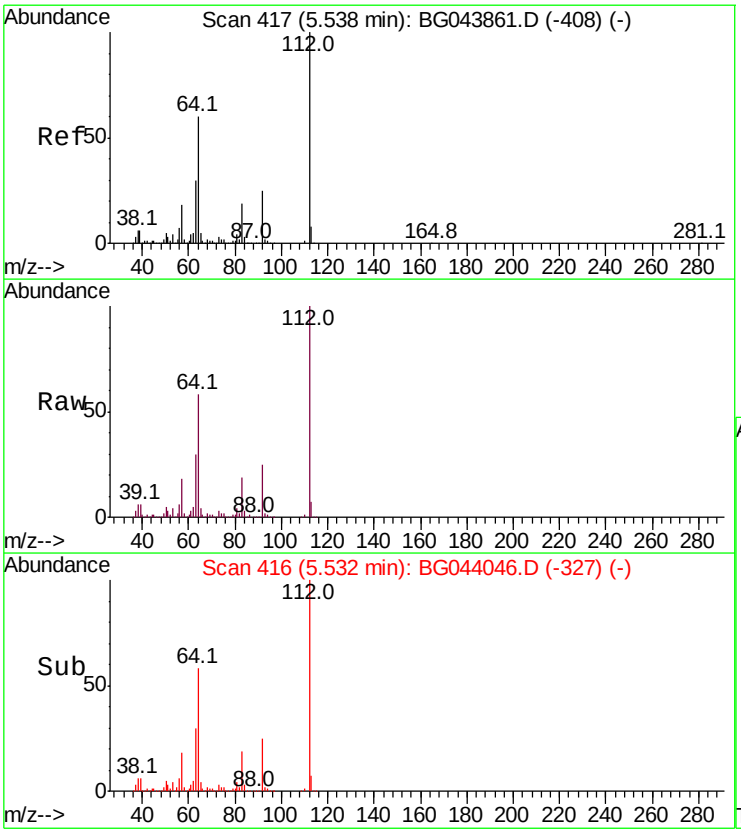
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 129417

Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.0	190.4
115	57.6	47.8	71.8

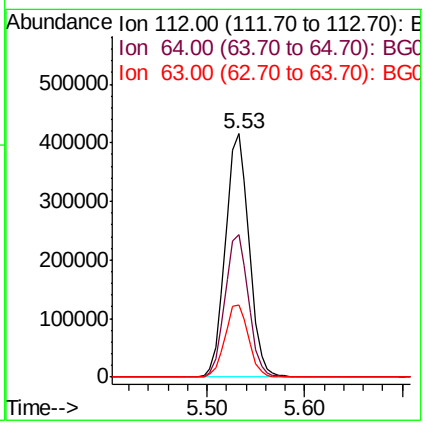


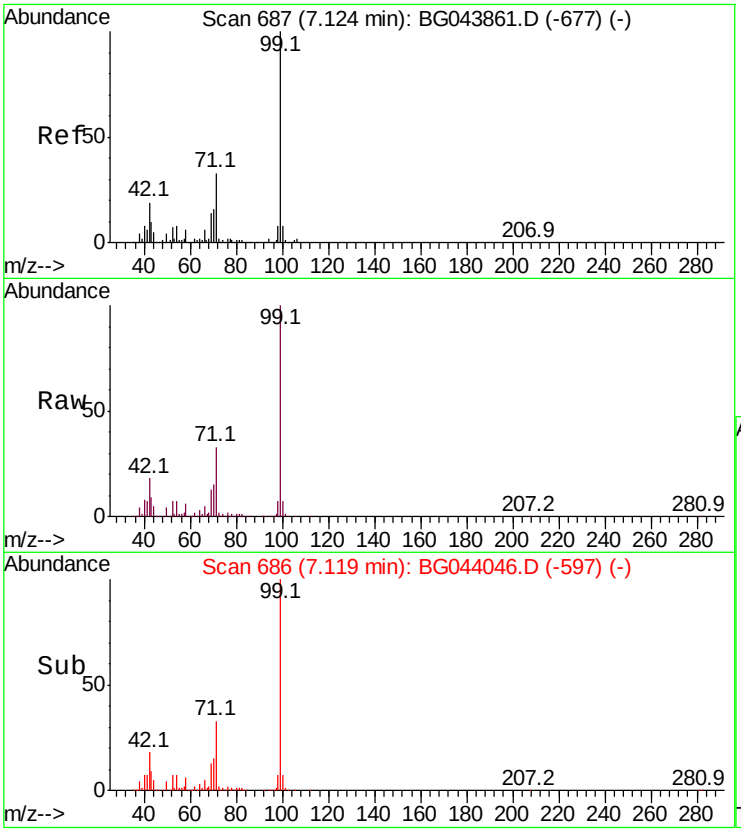


#5
2-Fluorophenol
Concen: 99.252 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Tgt Ion:112 Resp: 699565

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.8	71.6
63	29.7	24.3	36.5



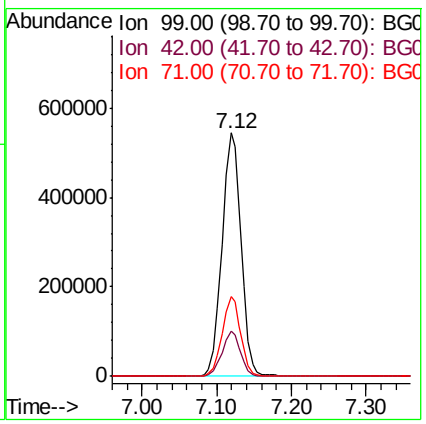


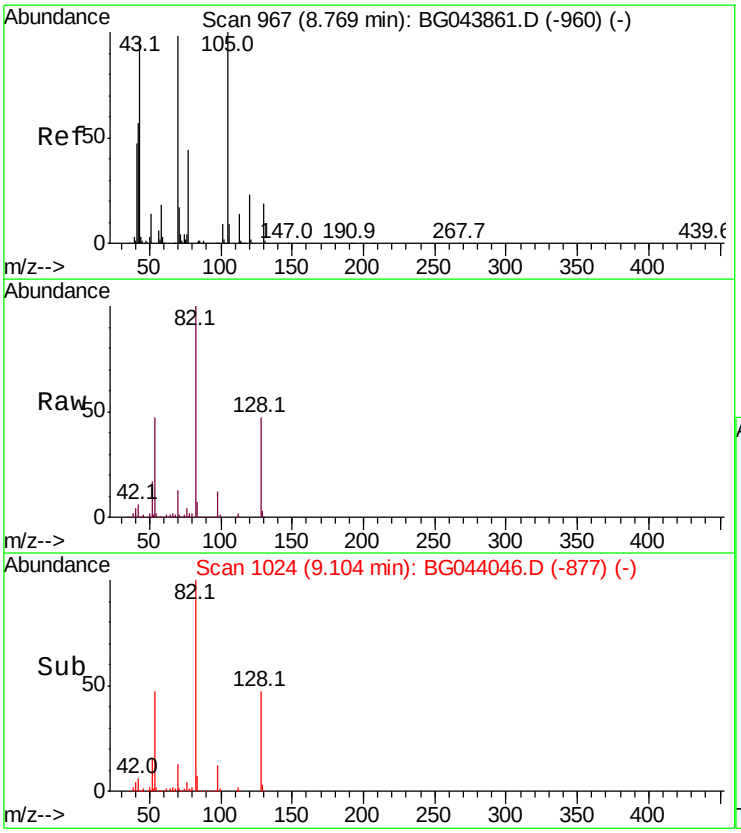
#7
Phenol-d6
Concen: 98.544 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 970891

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.9	22.3
71	32.7	26.4	39.6

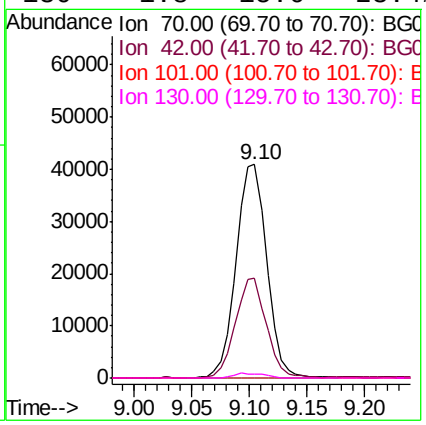


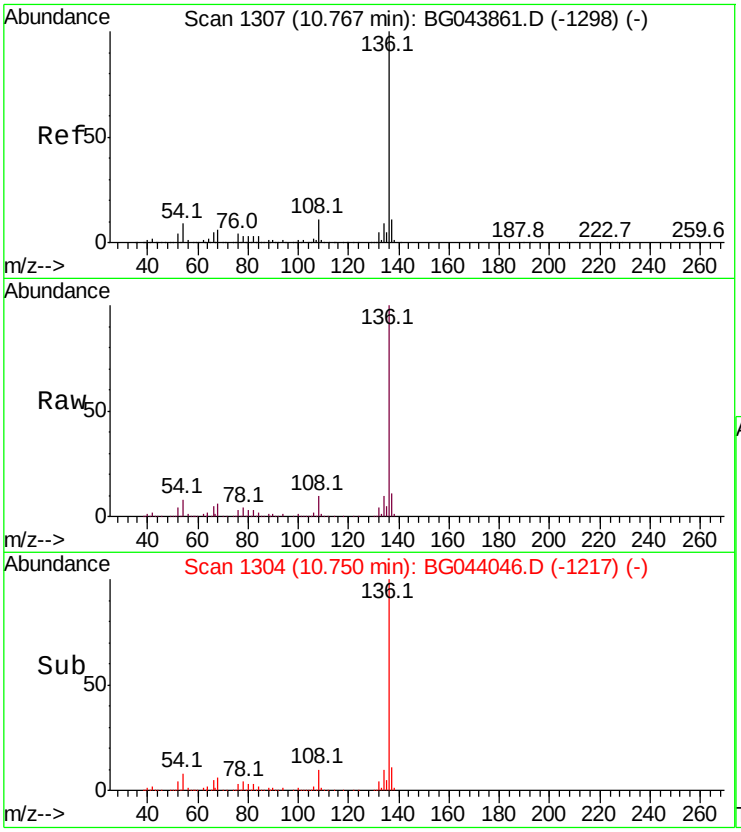


#19
n-Nitroso-di-n-propylamine
Concen: 10.292 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.34 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Tgt Ion: 70 Resp: 75516

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.0	70.4#
101	0.0	7.2	10.8#
130	1.8	15.6	23.4#



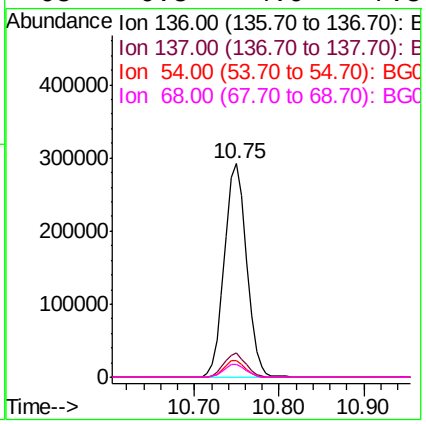


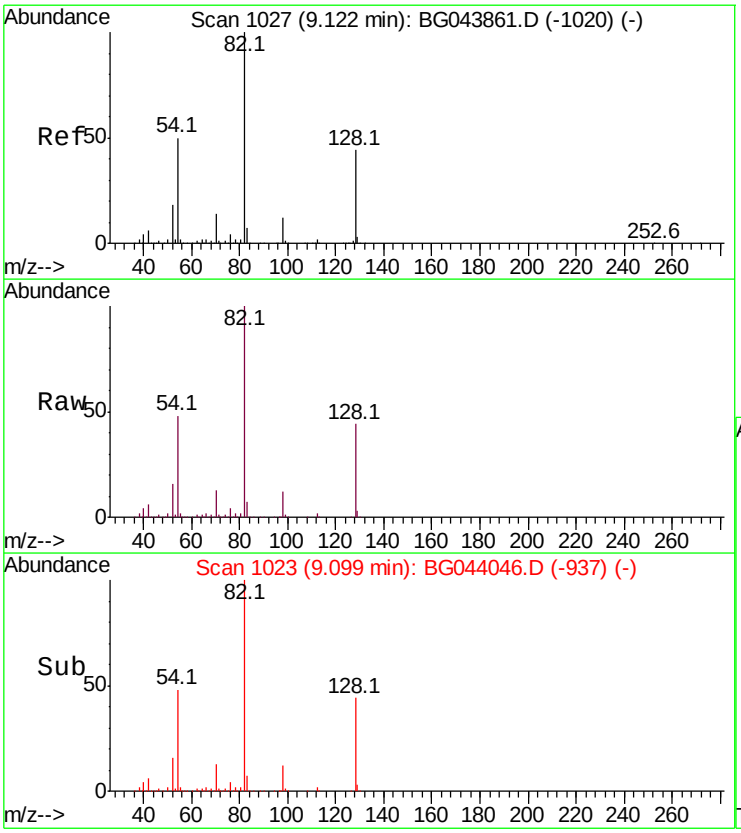
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 530349

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.8	7.0	10.4
68	6.3	4.9	7.3

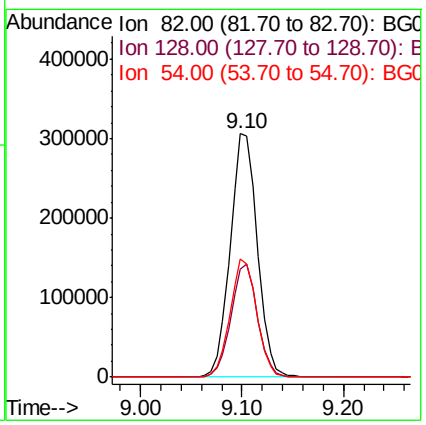


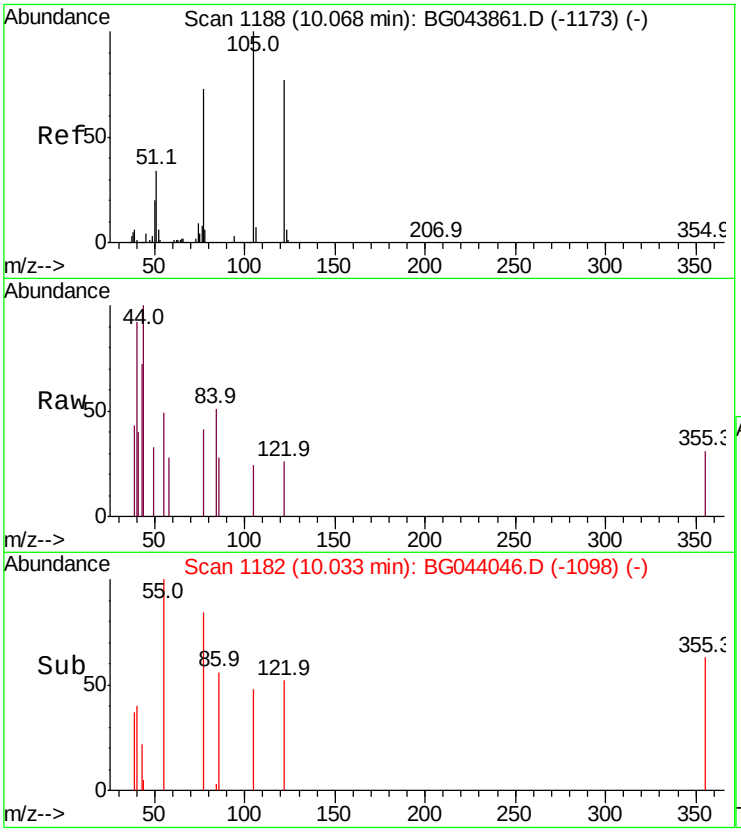


#23
Nitrobenzene-d5
Concen: 57.386 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Tgt Ion: 82 Resp: 568919

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.1	52.7
54	48.3	40.1	60.1



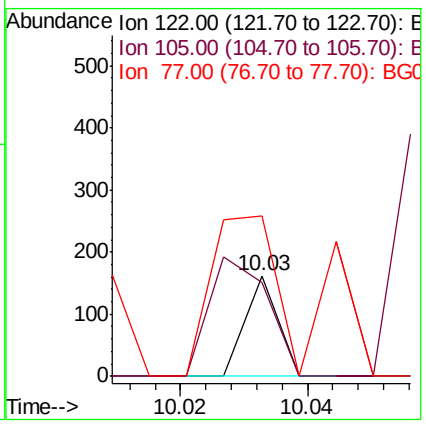


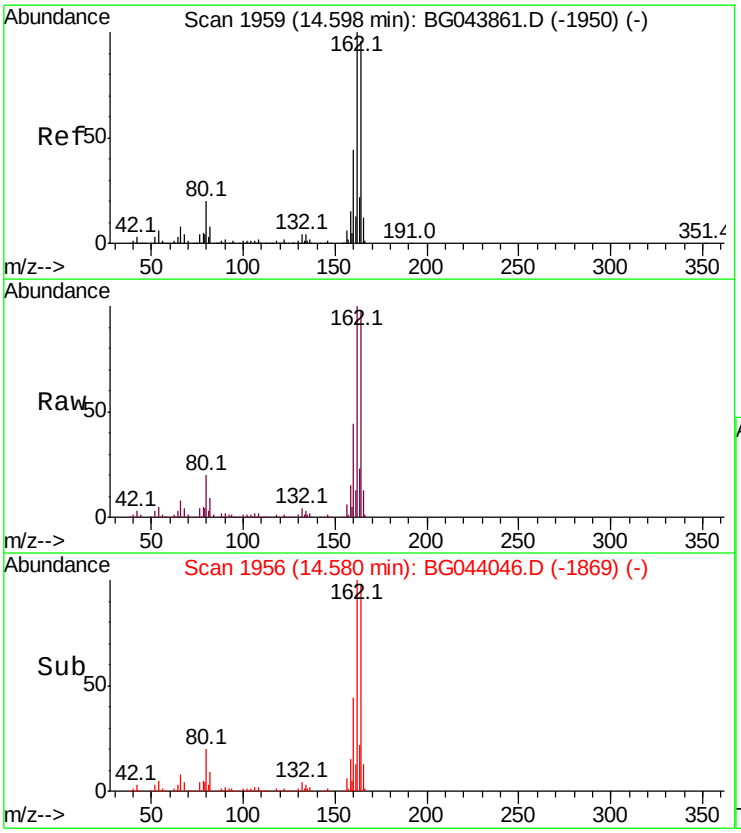
#32
Benzoic acid
Concen: 6.271 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 57

Ion	Ratio	Lower	Upper
122	100		
105	92.6	106.4	146.4#
77	159.9	74.6	114.6#

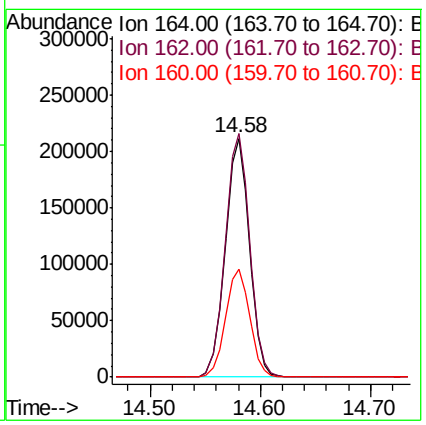


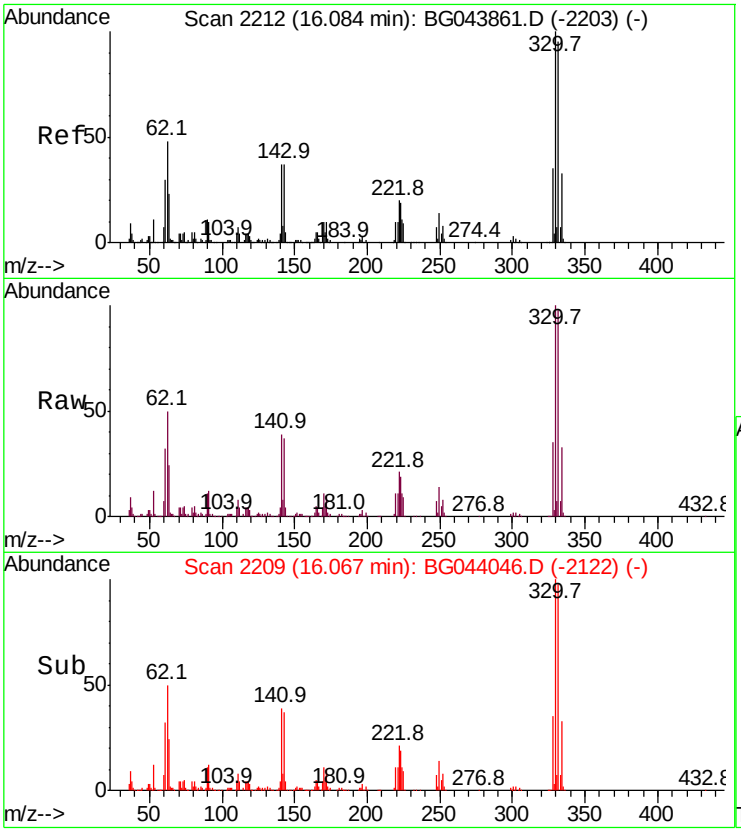


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Tgt Ion:164 Resp: 324735

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.0	124.4
160	45.4	36.1	54.1



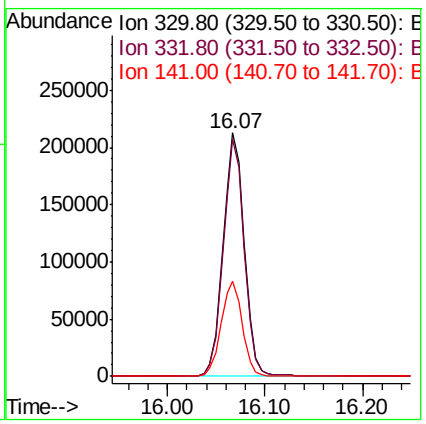


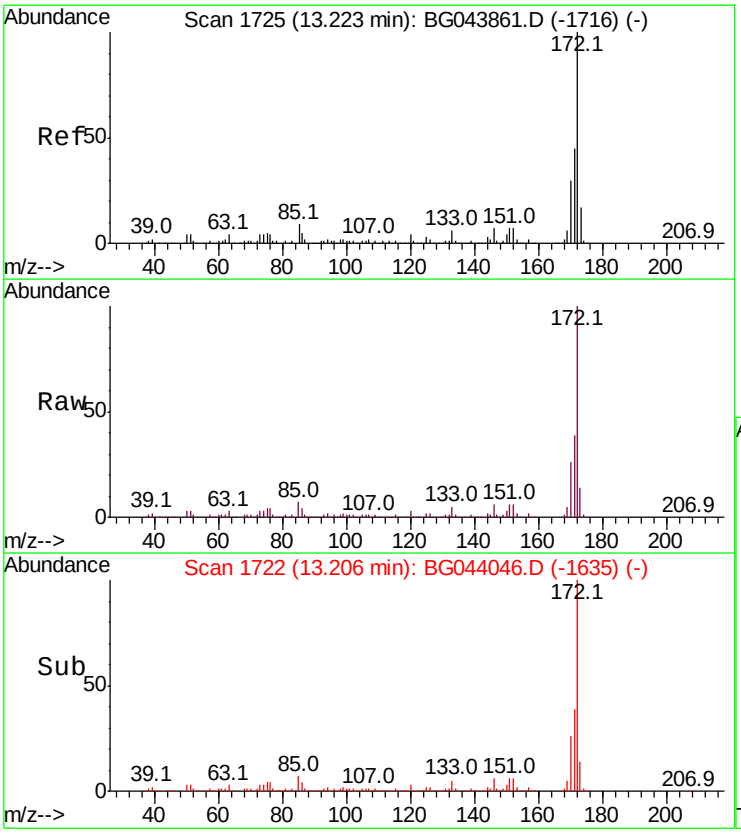
#42
2,4,6-Tribromophenol
Concen: 93.723 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 318498

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.2	115.8
141	39.4	33.1	49.7

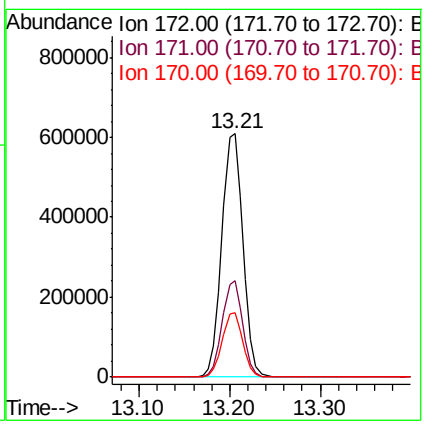


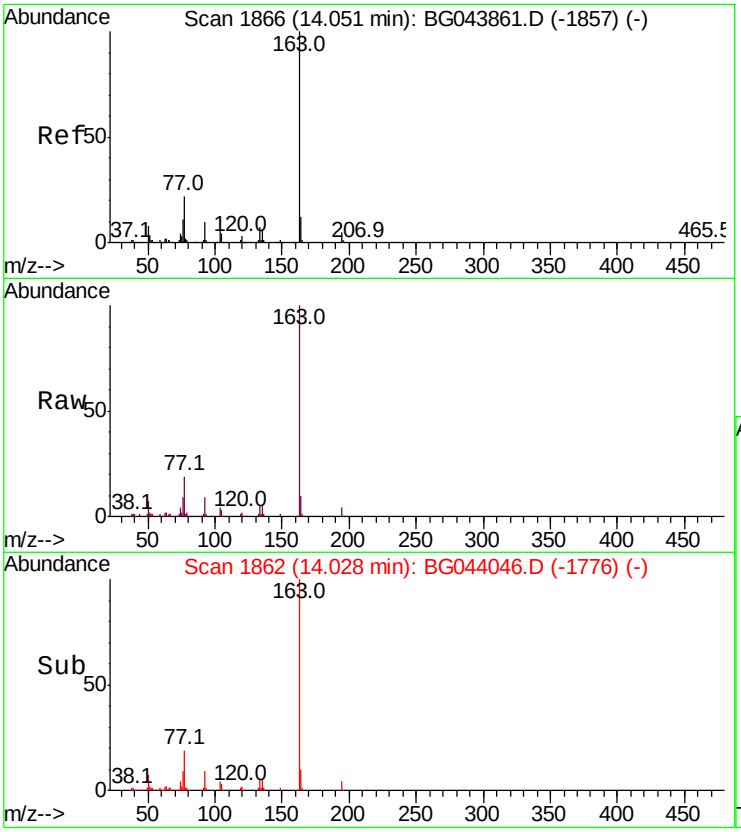


#45
2-Fluorobiphenyl
Concen: 54.909 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Tgt Ion:172 Resp: 984169

Ion	Ratio	Lower	Upper
172	100		
171	39.4	35.8	53.8
170	26.3	24.2	36.4



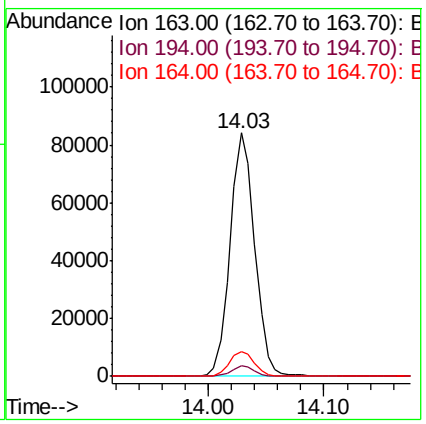


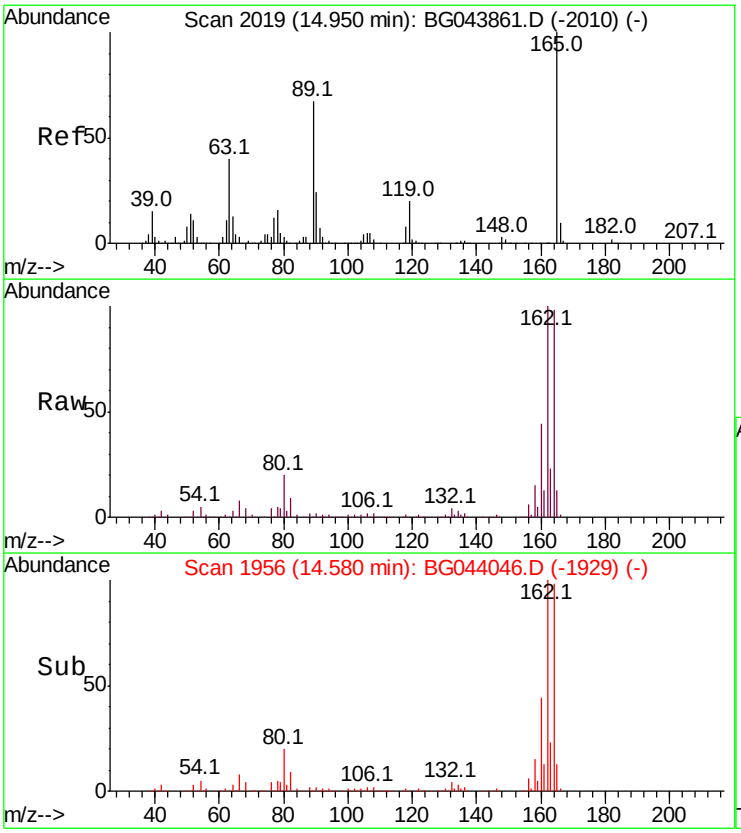
#50
Dimethylphthalate
Concen: 5.384 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 124146

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	10.3	9.3	13.9

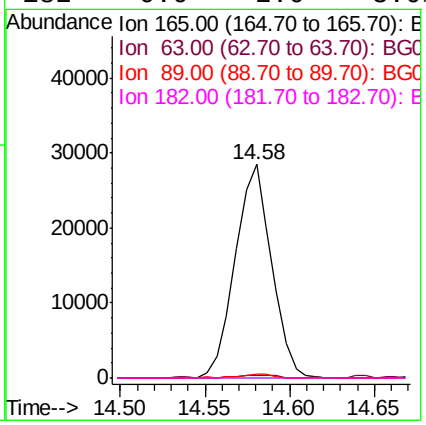


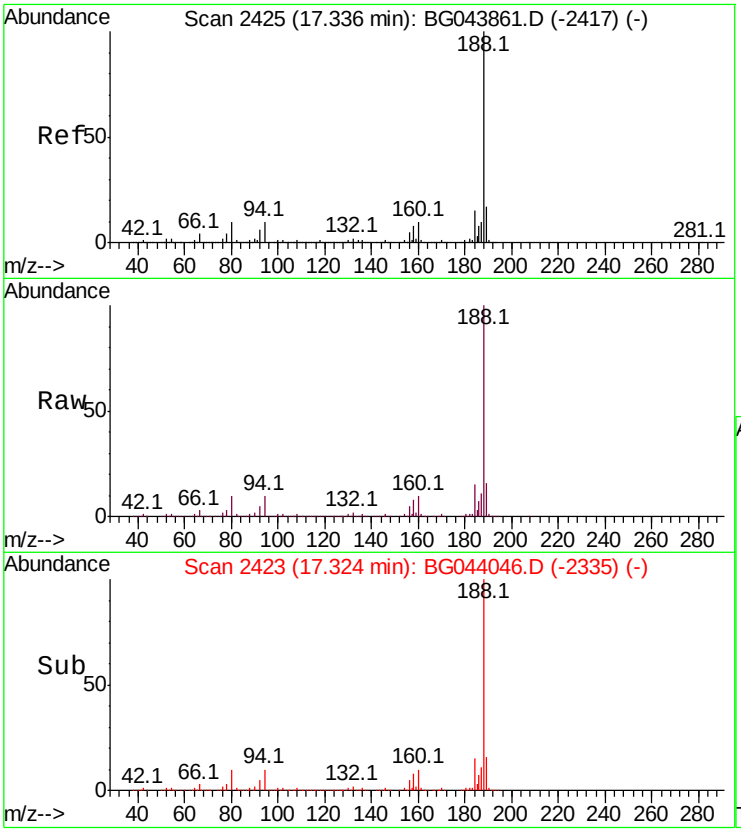


#57
2,4-Dinitrotoluene
Concen: 6.009 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.37 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Tgt Ion:165 Resp: 42609

Ion	Ratio	Lower	Upper
165	100		
63	1.3	31.9	47.9#
89	1.6	53.8	80.6#
182	0.0	2.0	3.0#



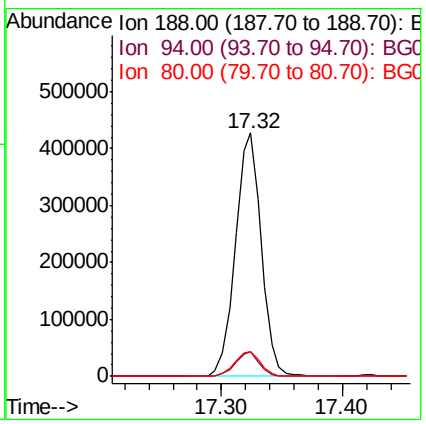


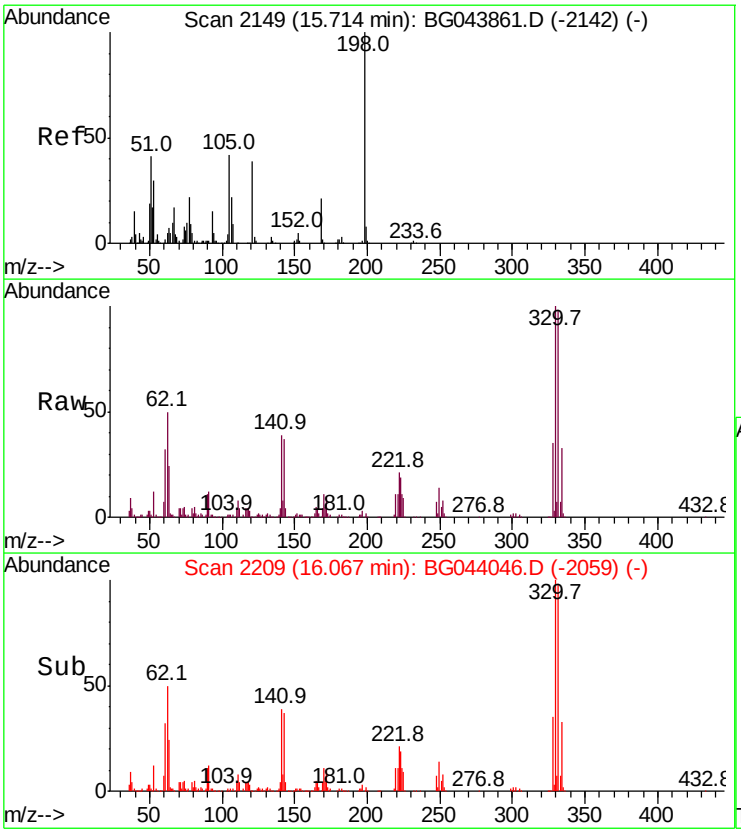
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 635968

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.9	11.9
80	10.2	8.2	12.4

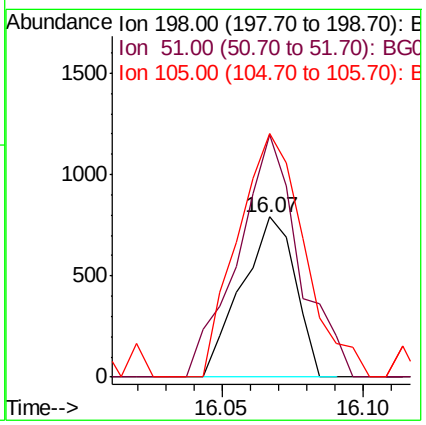


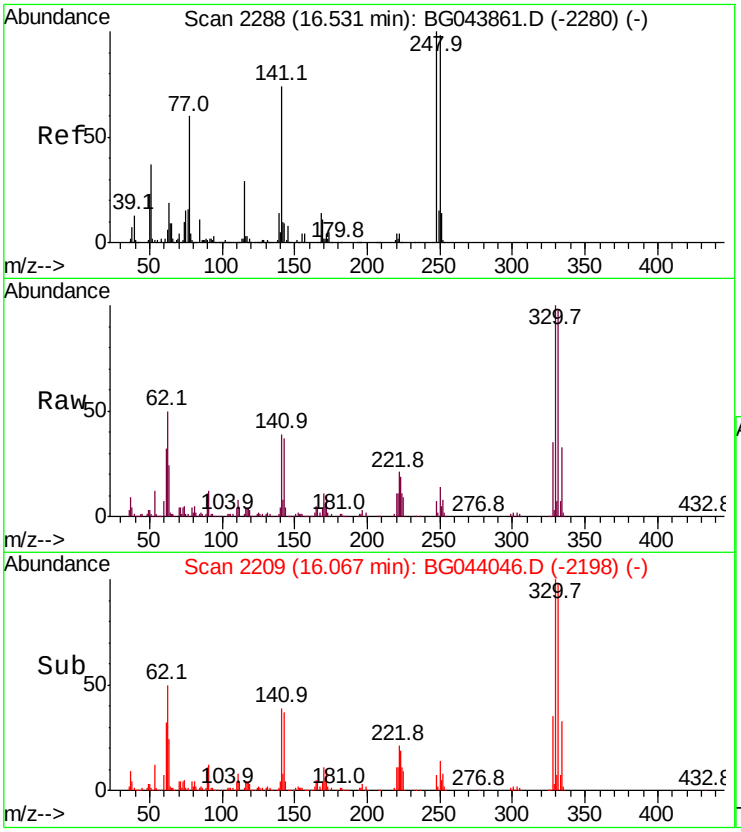


#65
4,6-Dinitro-2-methylphenol
Concen: 4.678 ng
RT: 16.07 min Scan# 2209
Delta R.T. 0.35 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Tgt Ion:198 Resp: 1041

Ion	Ratio	Lower	Upper
198	100		
51	151.6	22.5	62.5#
105	152.0	22.3	62.3#



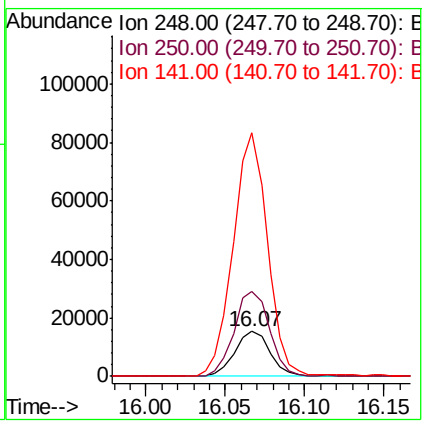


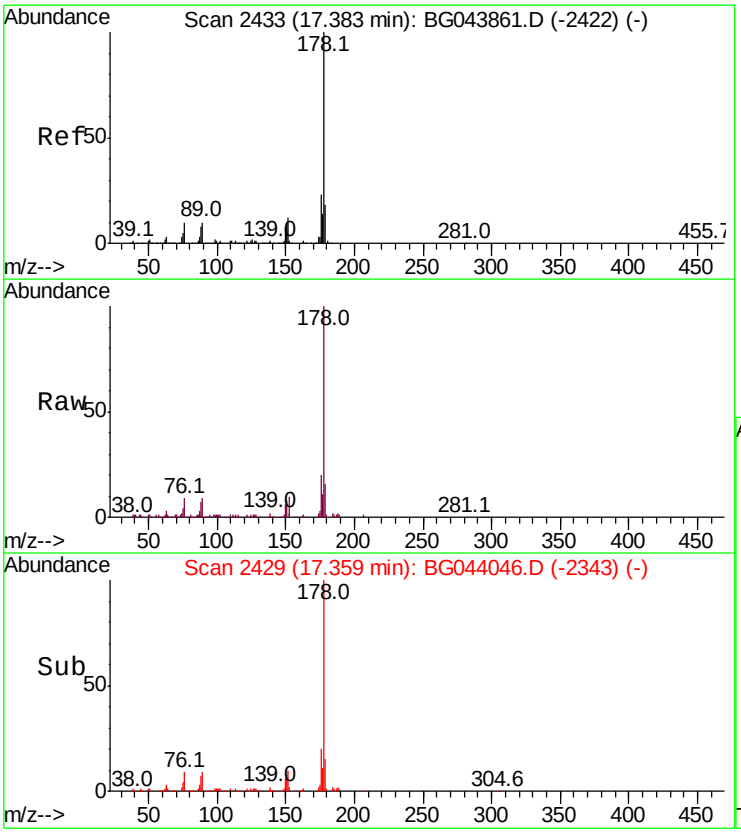
#67
4-Bromophenyl-phenylether
Concen: 3.303 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.46 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 23627

Ion	Ratio	Lower	Upper
248	100		
250	189.0	78.2	117.2#
141	541.4	59.3	88.9#

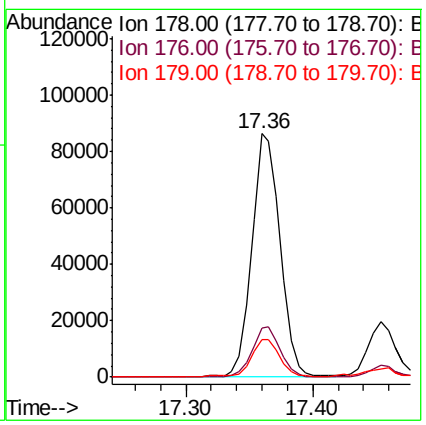


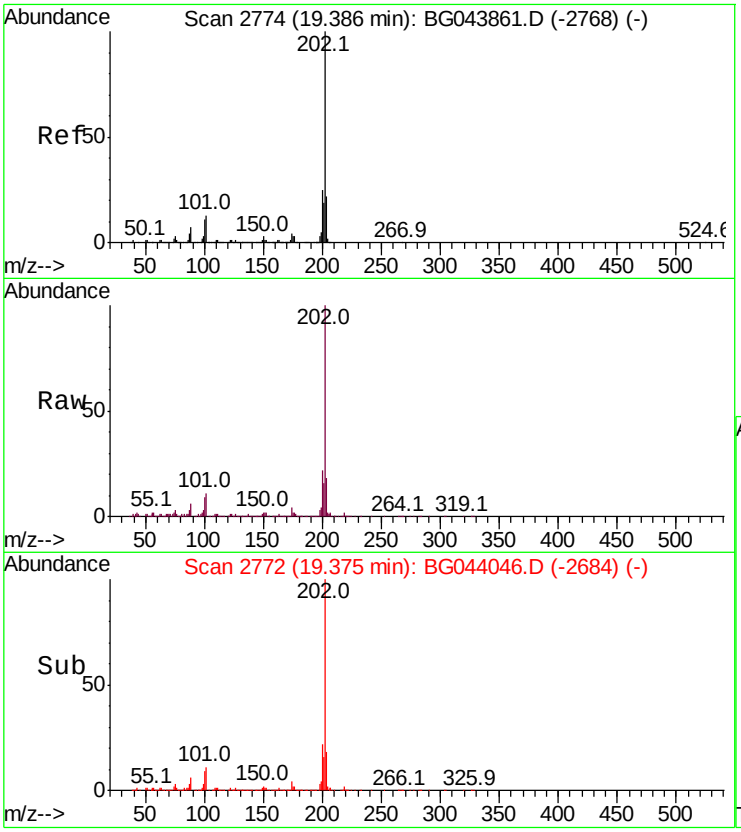


#71
Phenanthrene
Concen: 4.413 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Tgt Ion:178 Resp: 134609

Ion	Ratio	Lower	Upper
178	100		
176	20.3	18.6	28.0
179	15.6	14.4	21.6



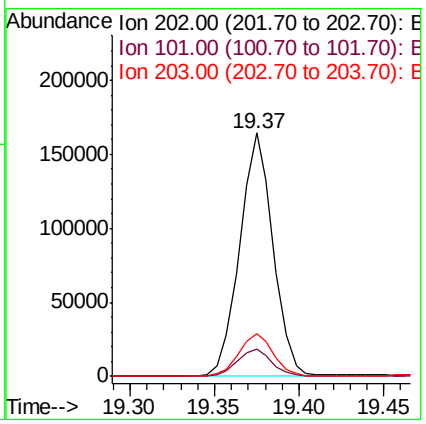


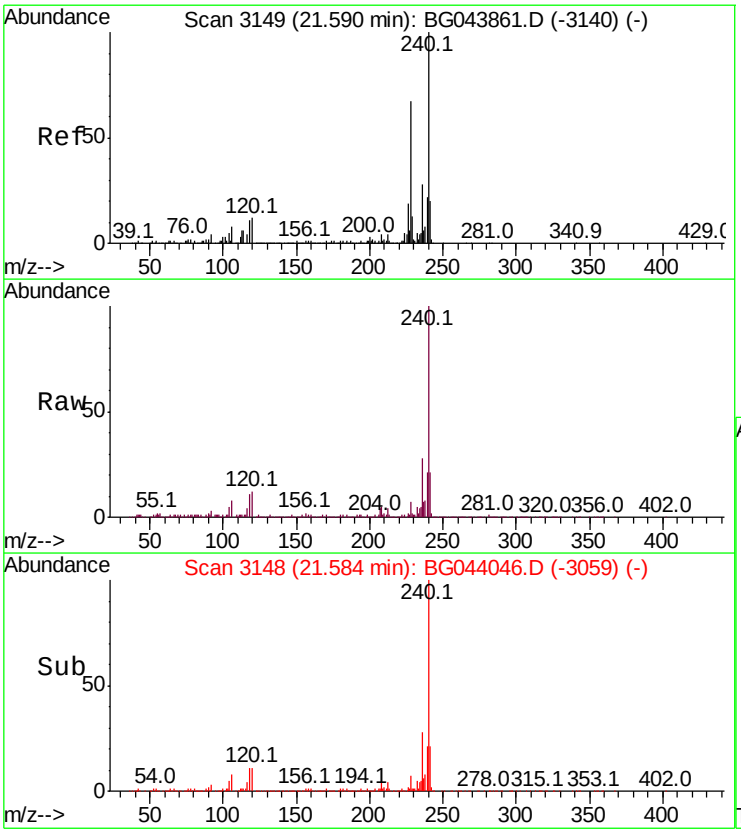
#75
Fluoranthene
Concen: 6.430 ng
RT: 19.37 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 224324

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.3
203	17.7	1.6	41.6

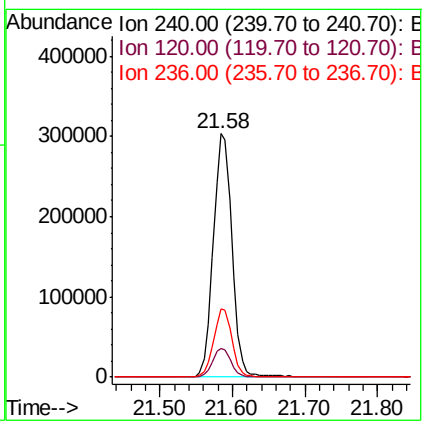


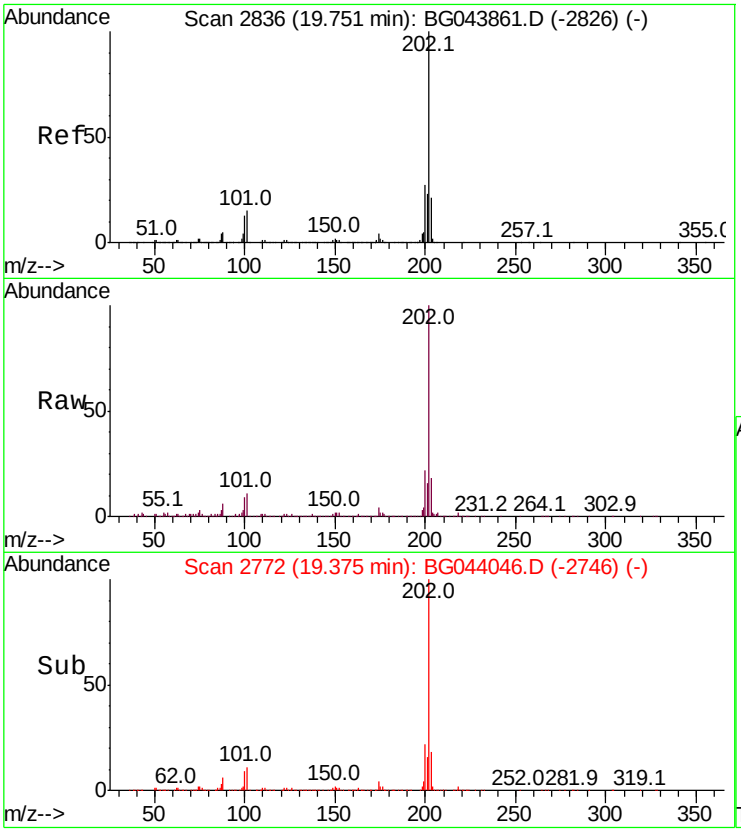


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Tgt Ion:240 Resp: 544879

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.6	14.4
236	28.0	22.2	33.2



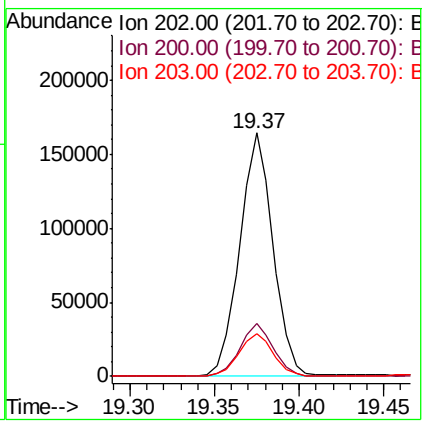


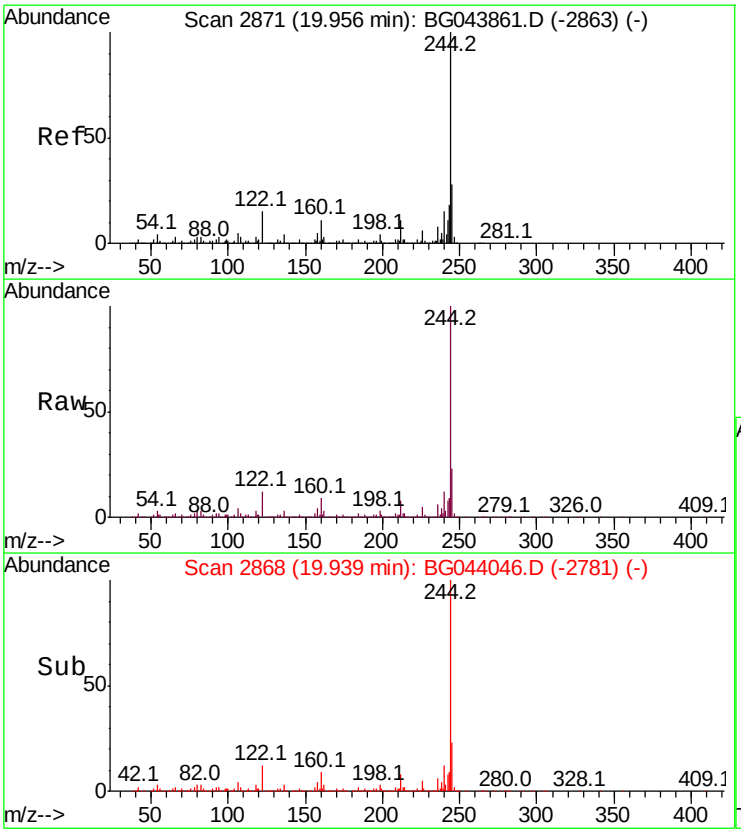
#78
Pyrene
Concen: 6.307 ng
RT: 19.37 min Scan# 2772
Delta R.T. -0.38 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 224324

Ion	Ratio	Lower	Upper
202	100		
200	21.9	21.7	32.5
203	17.7	17.0	25.6

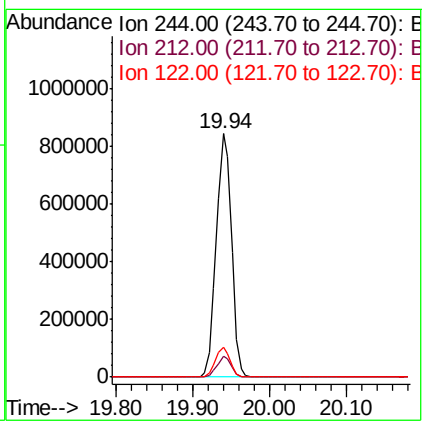


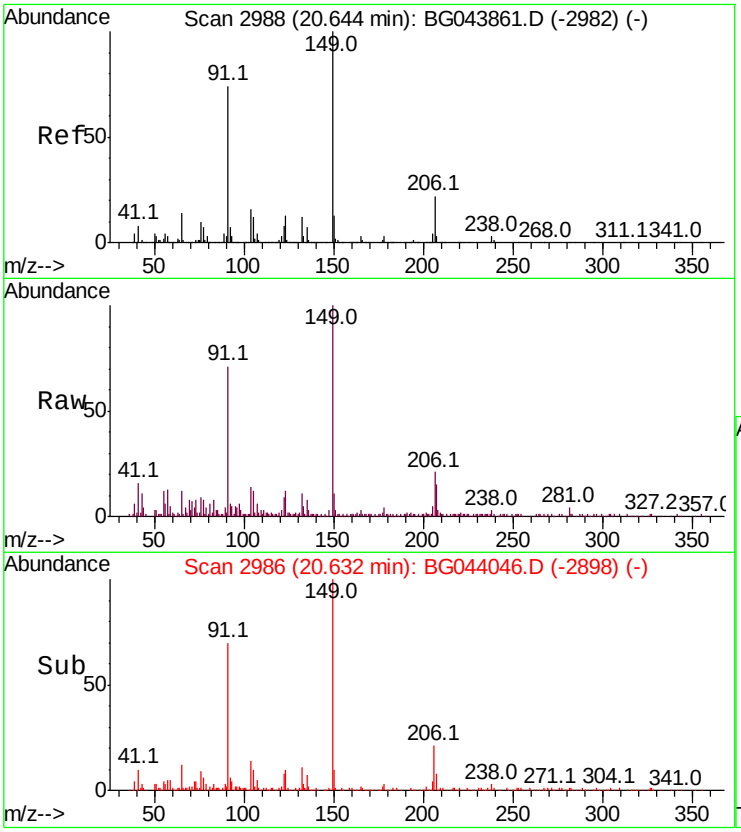


#79
Terphenyl-d14
Concen: 43.375 ng
RT: 19.94 min Scan# 2868
Delta R.T. -0.02 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Tgt Ion:244 Resp: 1153075

Ion	Ratio	Lower	Upper
244	100		
212	8.5	8.6	13.0#
122	12.2	11.9	17.9



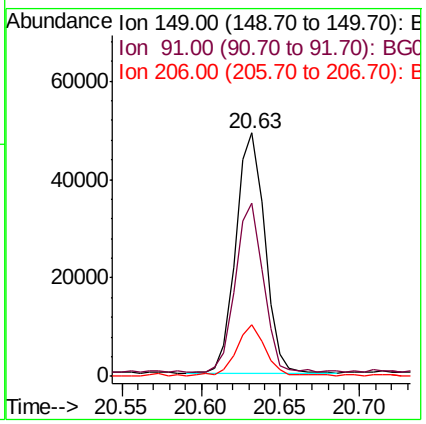


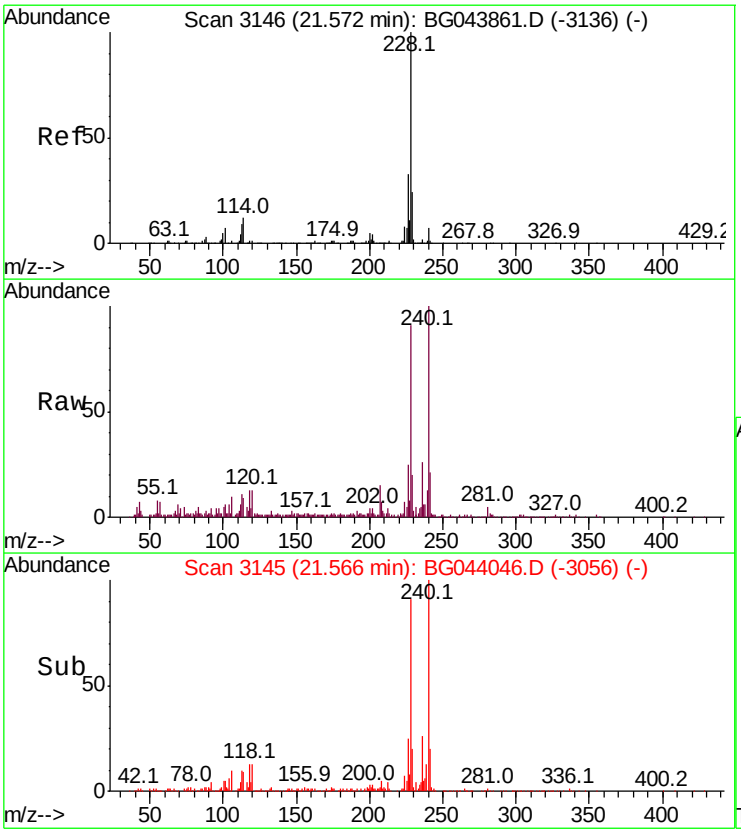
#80
Butylbenzylphthalate
Concen: 3.688 ng
RT: 20.63 min Scan# 2986
Delta R.T. -0.01 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 62444

Ion	Ratio	Lower	Upper
149	100		
91	71.0	59.5	89.3
206	21.4	17.8	26.6

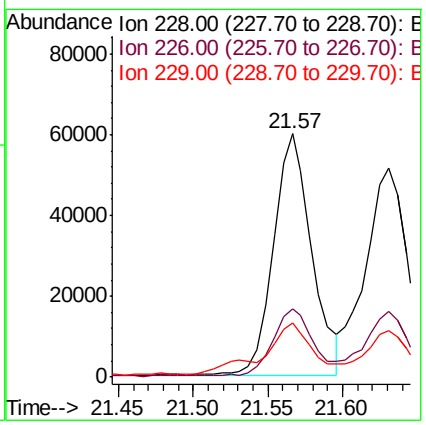


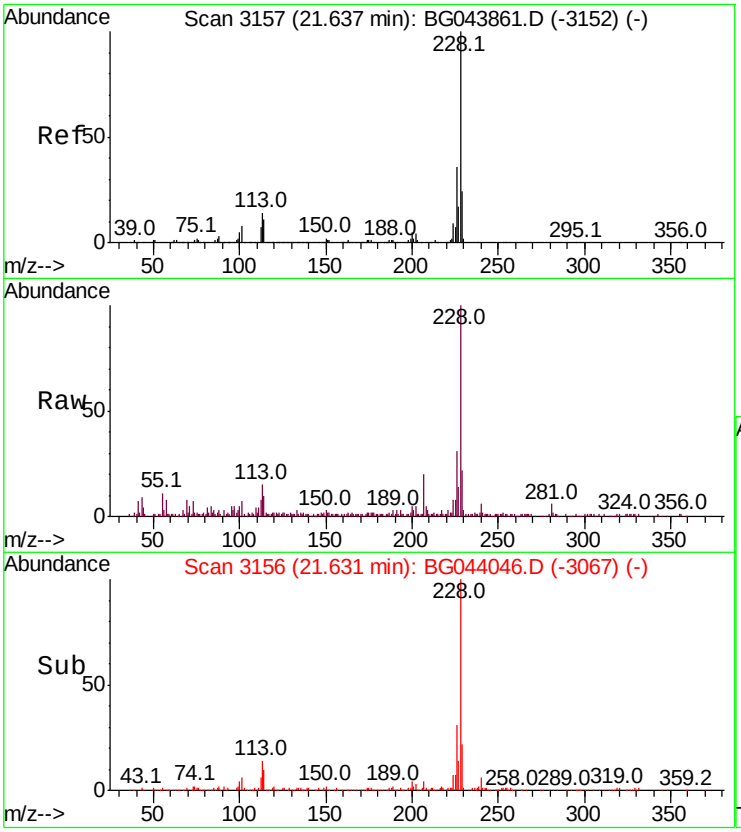


#81
Benzo(a)anthracene
Concen: 3.175 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Tgt Ion:228 Resp: 107288

Ion	Ratio	Lower	Upper
228	100		
226	28.0	26.2	39.4
229	22.4	18.9	28.3



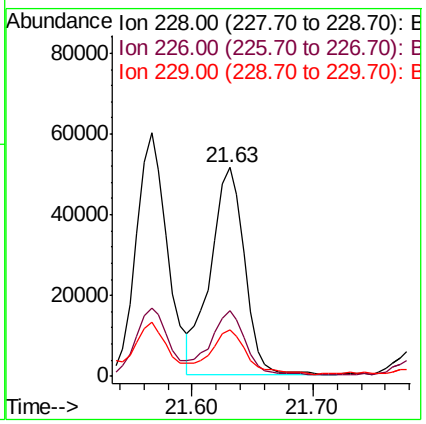


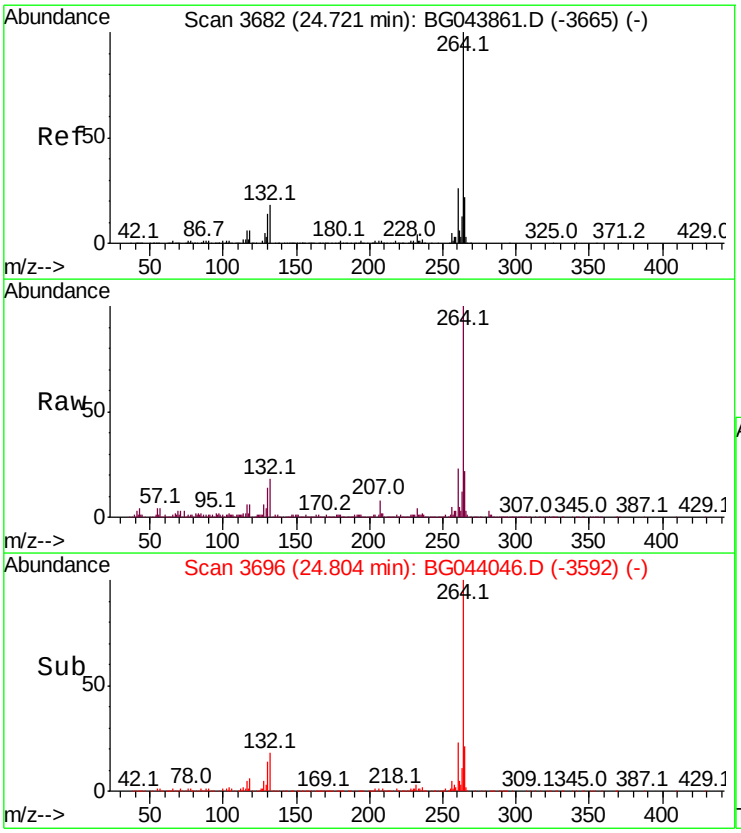
#83
Chrysene
Concen: 3.106 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 99711

Ion	Ratio	Lower	Upper
228	100		
226	31.4	28.8	43.2
229	22.4	19.0	28.6

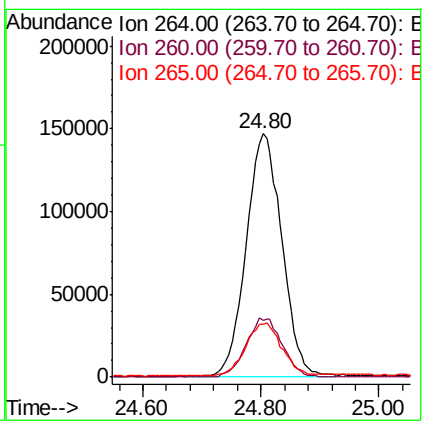


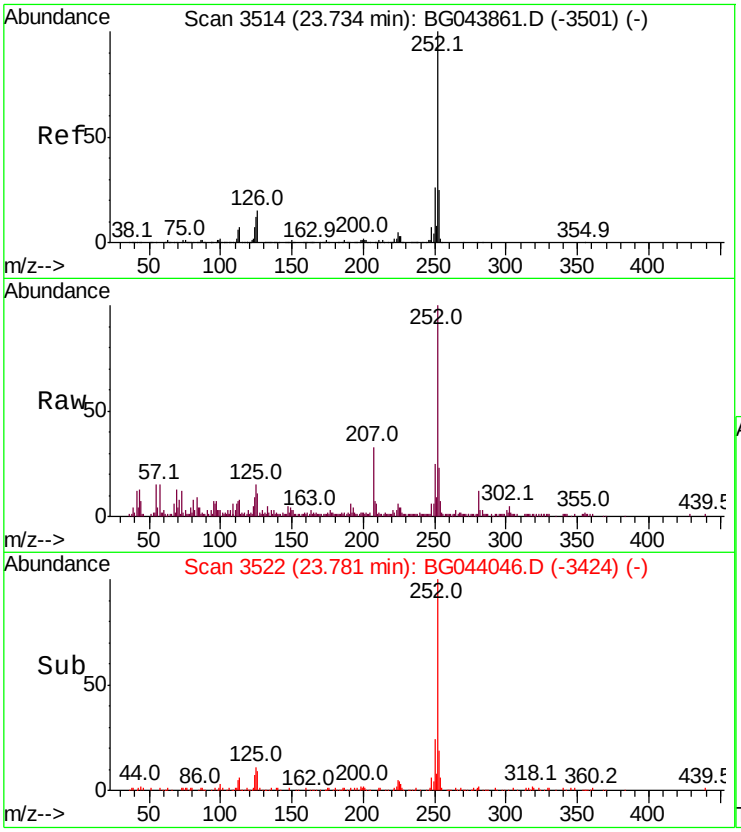


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.80 min Scan# 3696
Delta R.T. 0.08 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Tgt Ion:264 Resp: 615416

Ion	Ratio	Lower	Upper
264	100		
260	23.1	20.4	30.6
265	21.5	17.4	26.2



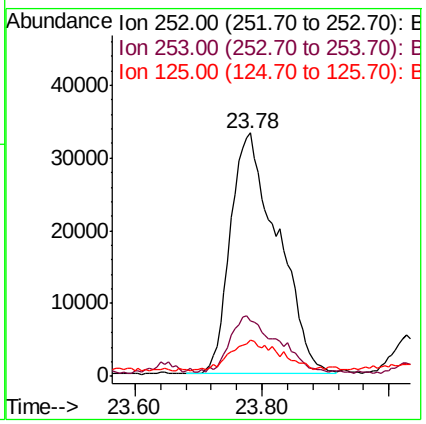


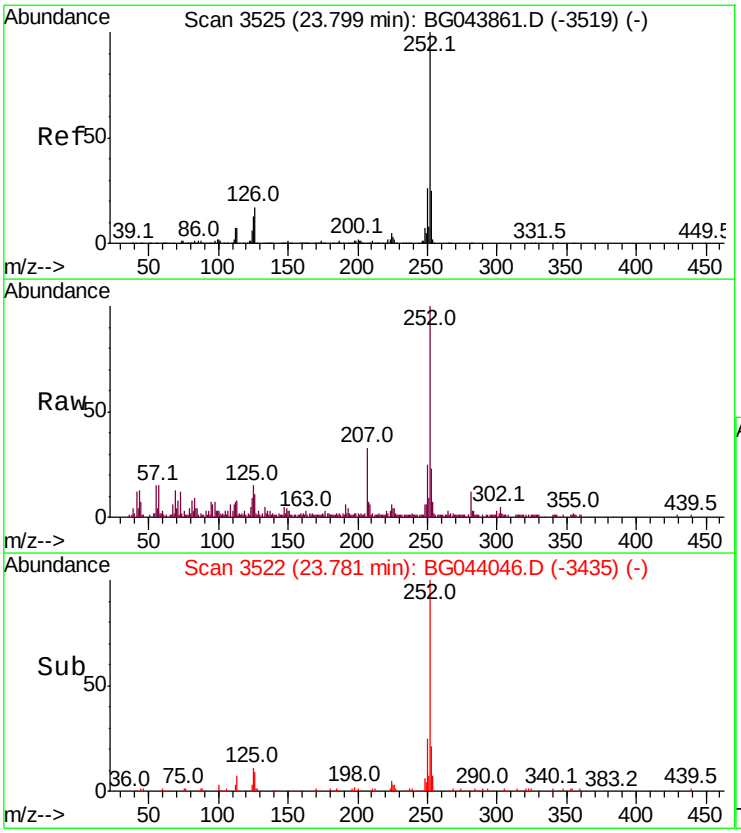
#88
Benzo(b)fluoranthene
Concen: 4.685 ng
RT: 23.78 min Scan# 3522
Delta R.T. 0.05 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 170433

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.7	29.5
125	15.1	9.4	14.2#

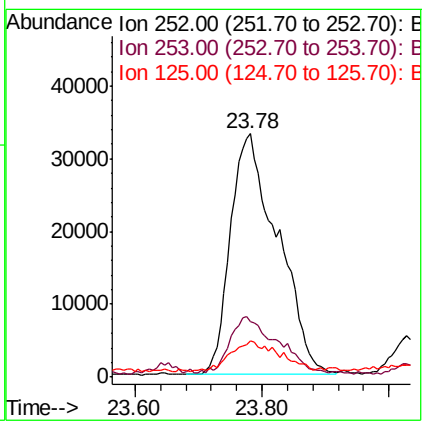


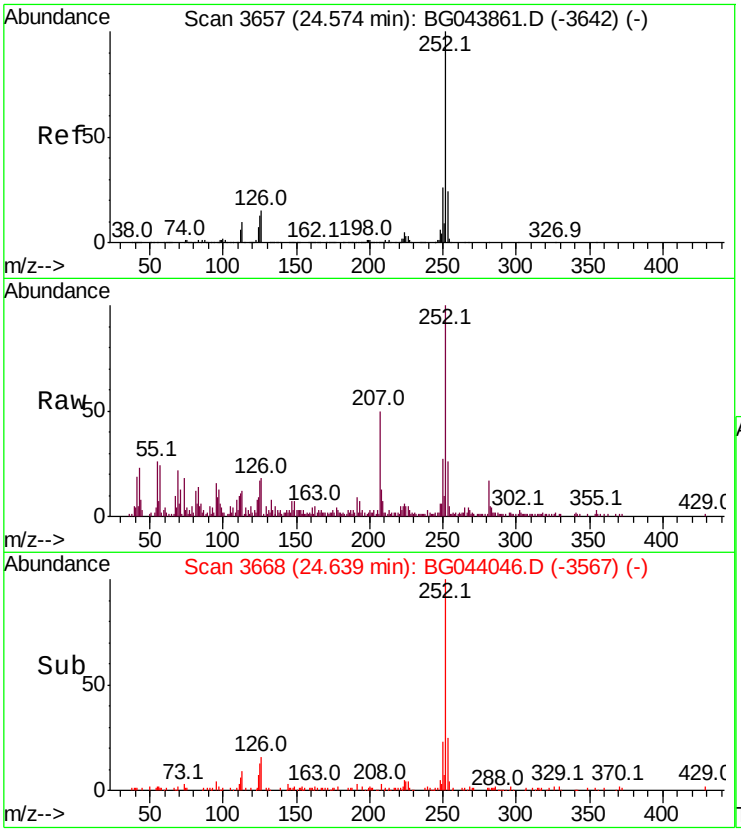


#89
Benzo(k)fluoranthene
Concen: 4.926 ng
RT: 23.78 min Scan# 3522
Delta R.T. -0.02 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Tgt Ion:252 Resp: 170433

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.4	29.2
125	15.1	9.9	14.9#





#90
Benzo(a)pyrene
Concen: 2.603 ng
RT: 24.64 min Scan# 3668
Delta R.T. 0.06 min
Lab File: BG044046.D
Acq: 14 Jan 2020 21:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 89393

Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.3	28.9
125	17.2	10.4	15.6#