Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
Data File : BG044031.D
Acq On : 14 Jan 2020 3:33
Operator : JU
Sample : L1106-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 14 10:18:29 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	136533	20.00	ng		-0.02
21) Naphthalene-d8	10.74	136	543413	20.00	ng		-0.02
39) Acenaphthene-d10	14.57	164	339552	20.00	ng		-0.02
64) Phenanthrene-d10	17.32	188	708650	20.00	ng		-0.02
76) Chrysene-d12	21.57	240	612692	20.00	ng		-0.02
87) Perylene-d12	24.71	264	707516	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	727418	97.82	ng		-0.01
7) Phenol-d6	7.11	99	1004891	96.68	ng		-0.01
23) Nitrobenzene-d5	9.10	82	585009	57.59	ng		-0.02
42) 2,4,6-Tribromophenol	16.07	330	342993	96.53	ng		-0.02
45) 2-Fluorobiphenyl	13.20	172	1010859	53.94	ng		-0.02
79) Terphenyl-d14	19.93	244	1330866	44.88	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.10	70	75361	9.736	ng	#	79
31) Naphthalene	10.80	128	56430	2.146	ng		95
32) Benzoic acid	10.10	122	139	6.283	ng		90
50) Dimethylphthalate	14.03	163	107810	4.472	ng		97
51) 2,6-Dinitrotoluene	14.57	165	45921	8.427	ng	#	26
52) Acenaphthene	14.64	154	45967	2.318	ng		98
57) 2,4-Dinitrotoluene	14.57	165	45921	6.193	ng	#	27
58) Fluorene	15.63	166	54690	2.528	ng		98
65) 4,6-Dinitro-2-methylphenol	16.06	198	1348	4.725	ng	#	1
67) 4-Bromophenyl-phenylether	16.07	248	24048	3.017	ng	#	1
71) Phenanthrene	17.36	178	481538	14.167	ng		95
72) Anthracene	17.45	178	148245	4.413	ng		92
75) Fluoranthene	19.37	202	769442	19.794	ng		95
78) Pyrene	19.73	202	724503	18.116	ng		94
80) Butylbenzylphthalate	20.63	149	60987	3.203	ng		92
81) Benzo(a)anthracene	21.55	228	389725	10.258	ng		93
83) Chrysene	21.61	228	336438	9.320	ng		93
86) Indeno(1,2,3-cd)pyrene	28.28	276	224531	4.577	ng		95
88) Benzo(b)fluoranthene	23.71	252	453598	10.845	ng		97
89) Benzo(k)fluoranthene	23.71	252	453598	11.404	ng		98
90) Benzo(a)pyrene	24.55	252	340308	8.620	ng		97
92) Benzo(g,h,i)perylene	29.41	276	216080	5.487	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
Data File : BG044031.D
Acq On : 14 Jan 2020 3:33
Operator : JU
Sample : L1106-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 14 10:18:29 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
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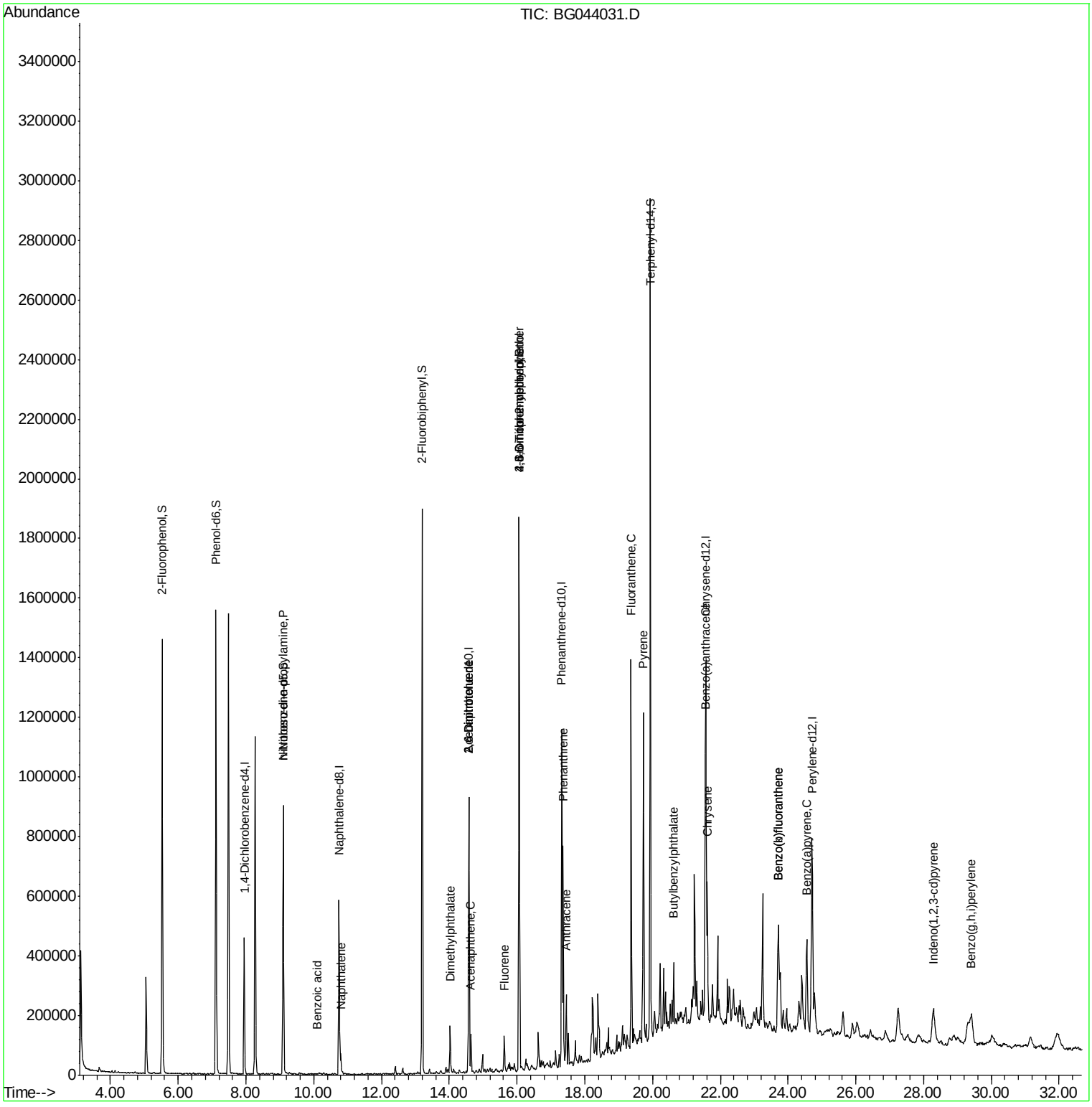
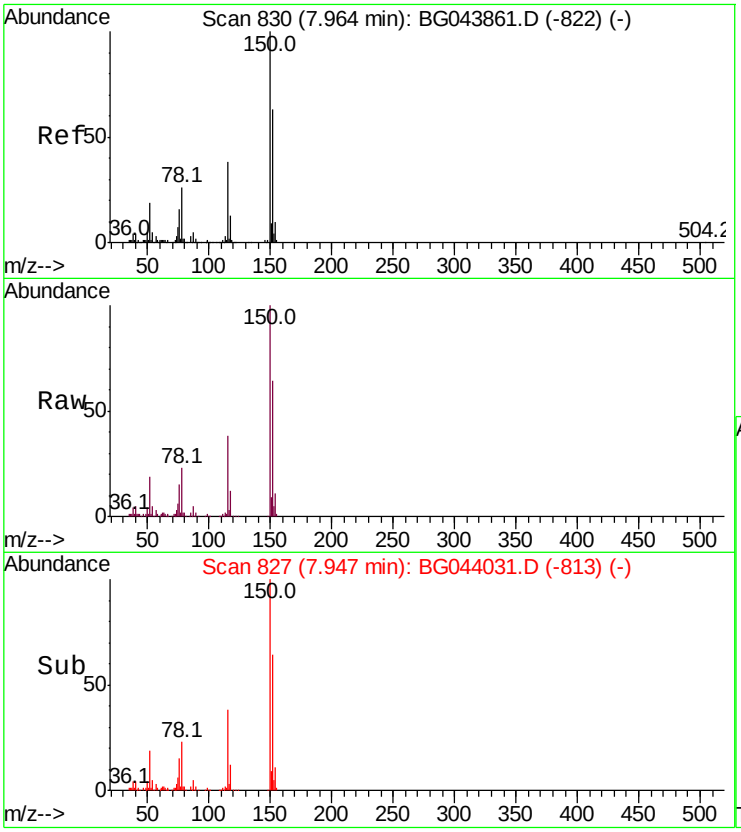


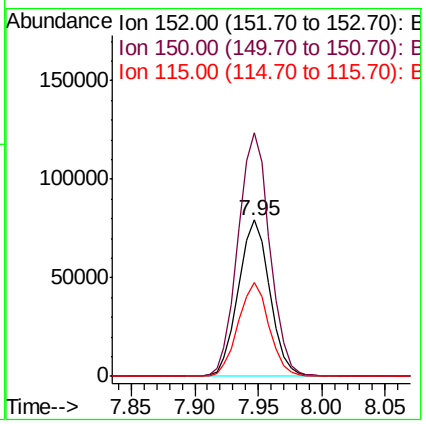


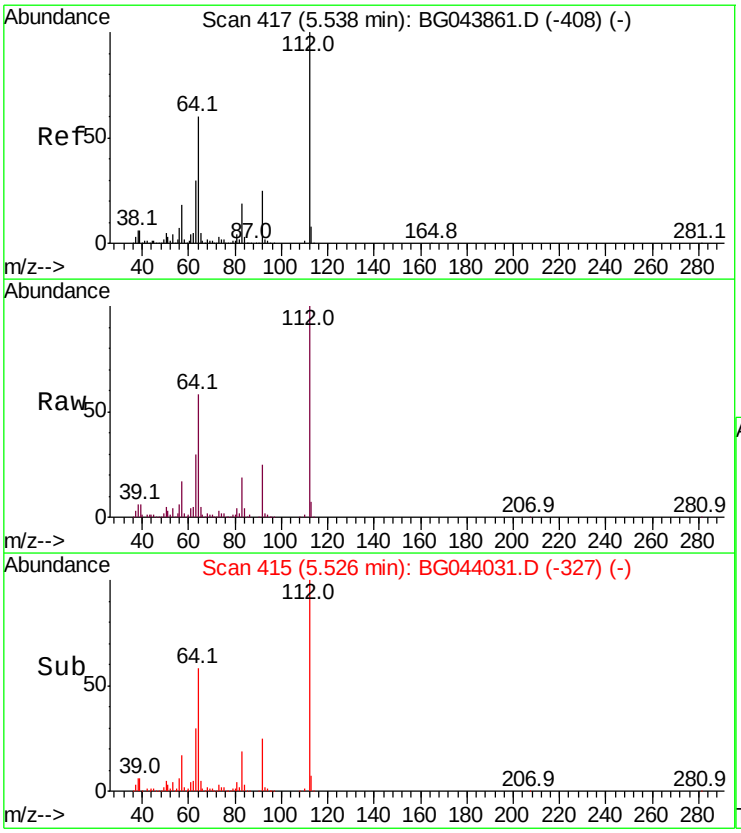
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 136533

Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.0	190.4
115	59.7	47.8	71.8

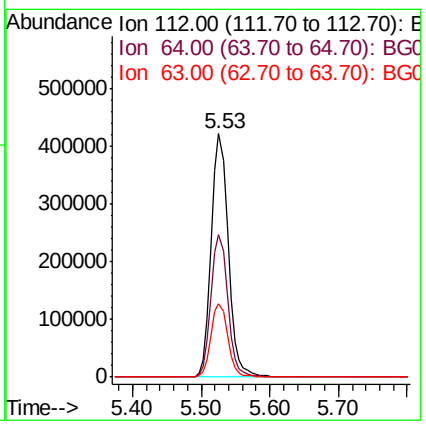


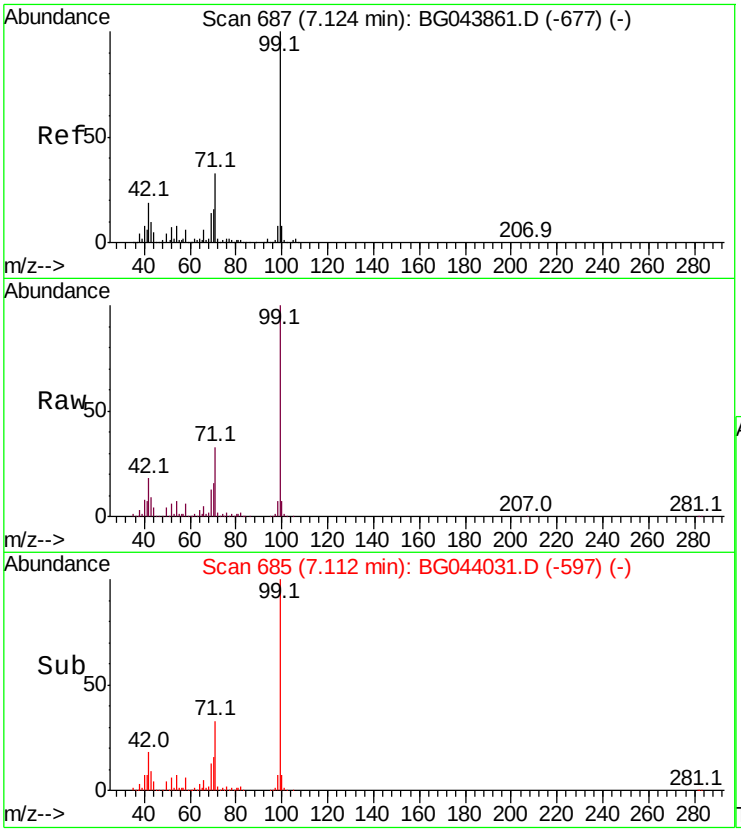


#5
2-Fluorophenol
Concen: 97.824 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Tgt Ion:112 Resp: 727418

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.8	71.6
63	30.3	24.3	36.5



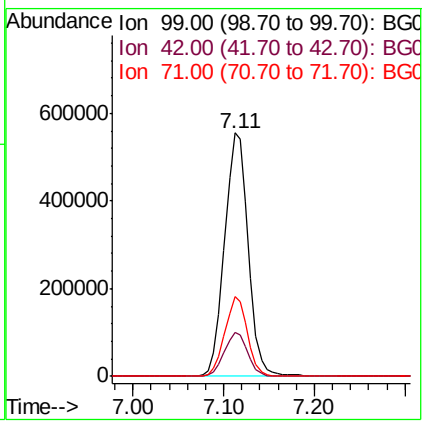


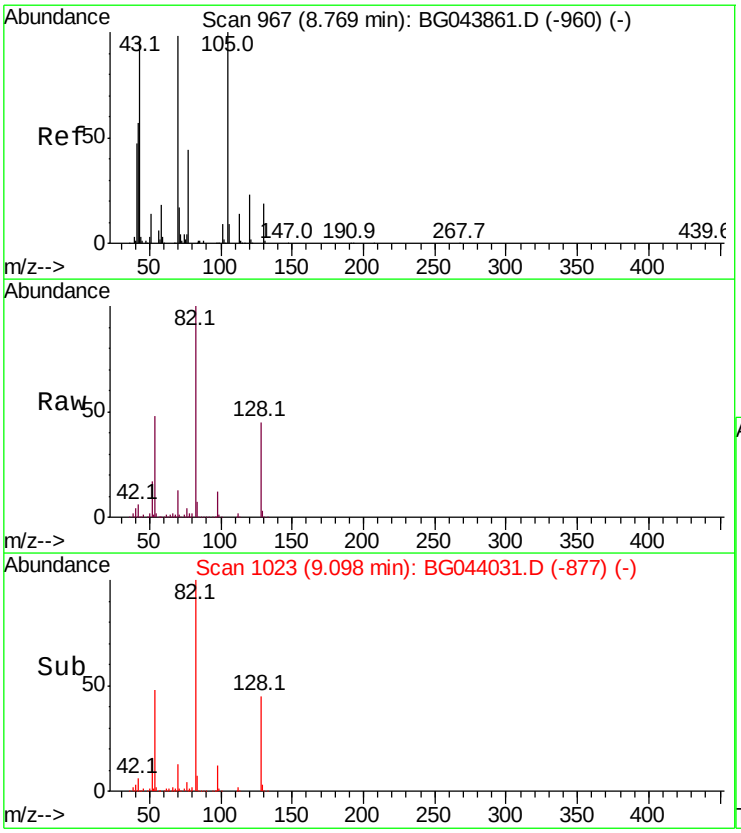
#7
Phenol-d6
Concen: 96.679 ng
RT: 7.11 min Scan# 685
Delta R.T. -0.01 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1004891

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.9	22.3
71	32.6	26.4	39.6

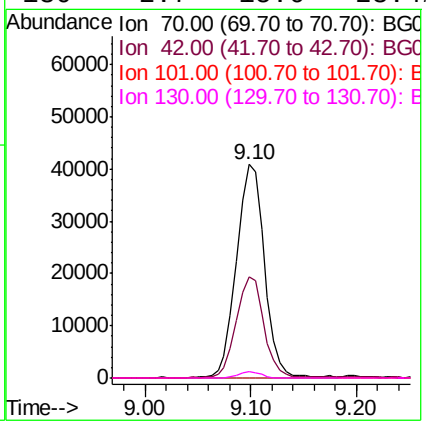


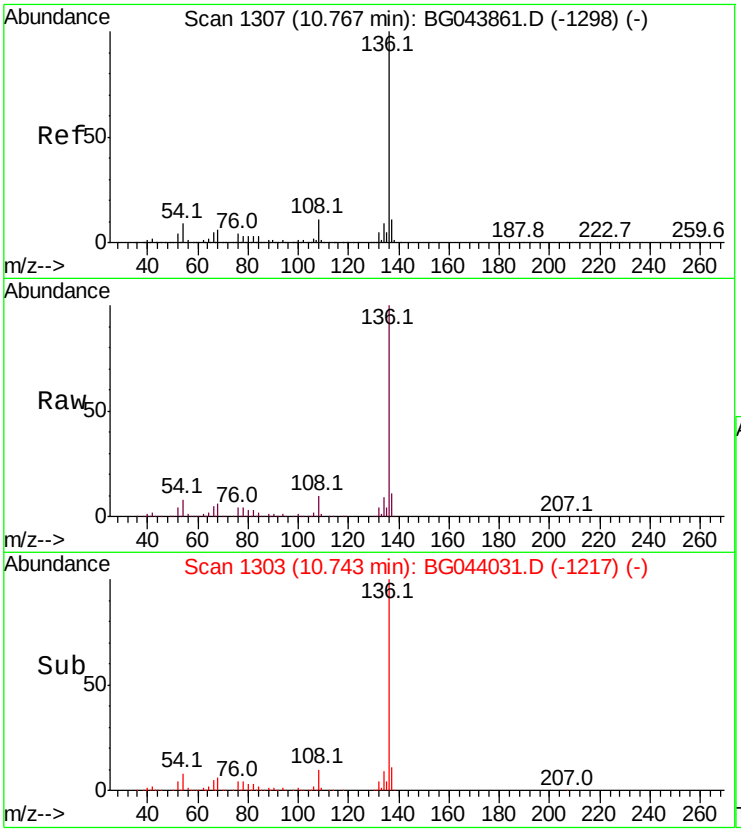


#19
n-Nitroso-di-n-propylamine
Concen: 9.736 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.33 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Tgt Ion: 70 Resp: 75361

Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.0	70.4
101	0.0	7.2	10.8#
130	2.7	15.6	23.4#



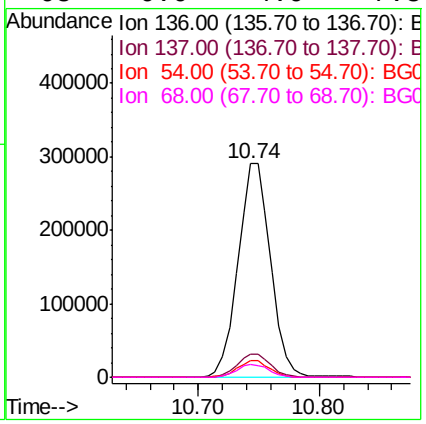


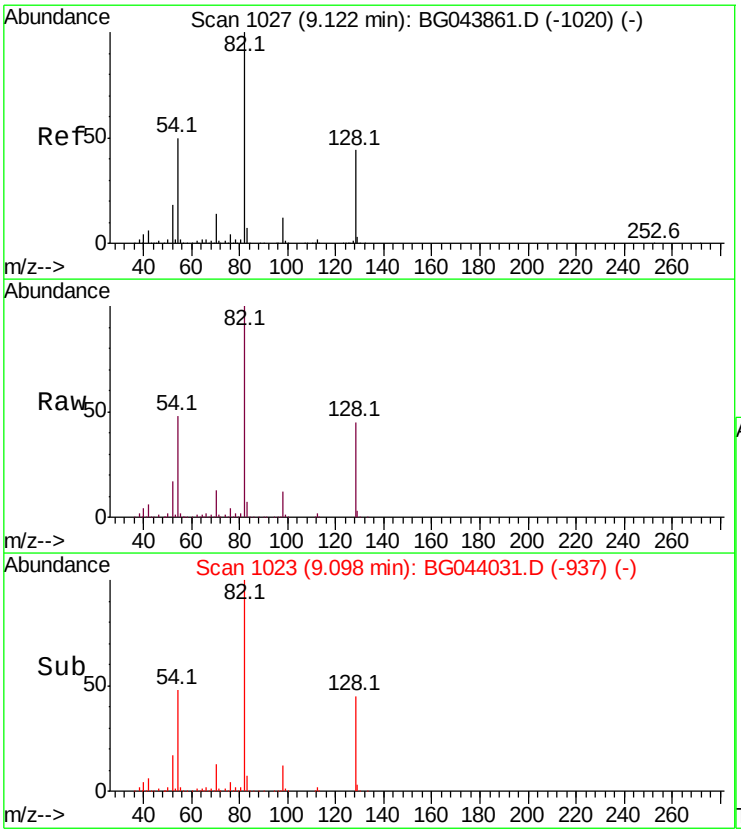
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 543413

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.8	7.0	10.4
68	6.0	4.9	7.3

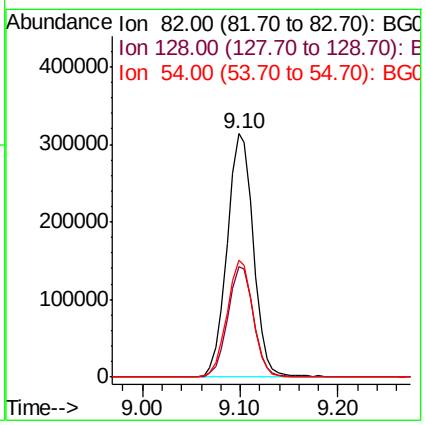


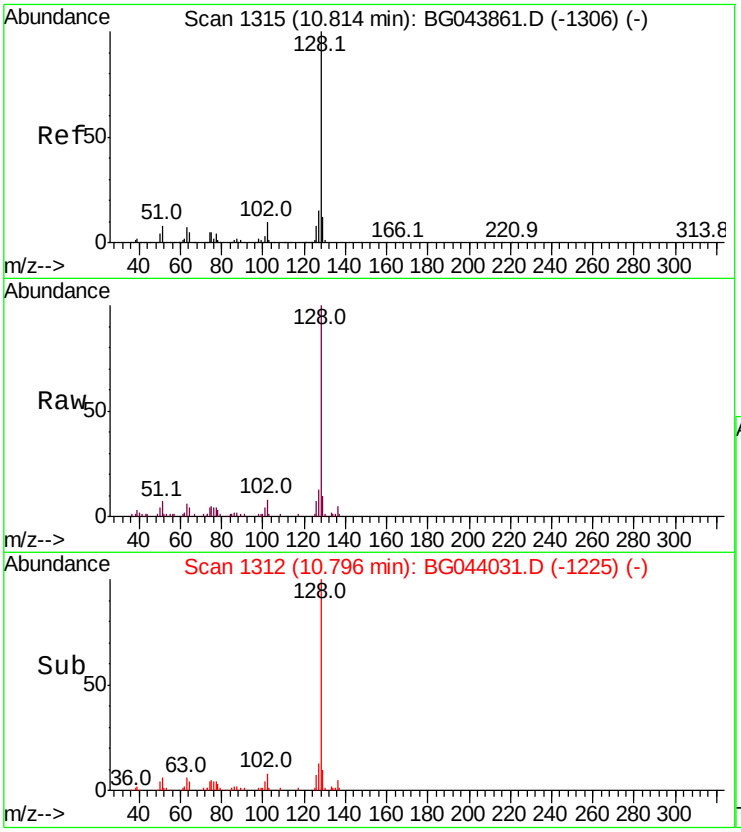


#23
Nitrobenzene-d5
Concen: 57.591 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Tgt Ion: 82 Resp: 585009

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.1	52.7
54	48.2	40.1	60.1



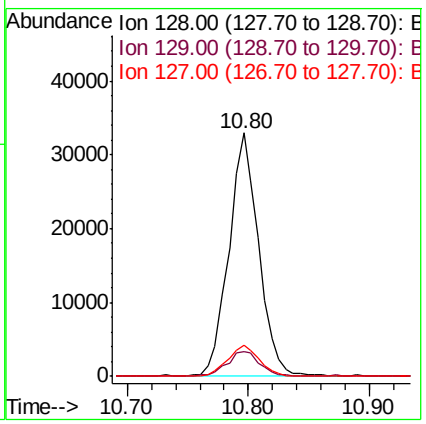


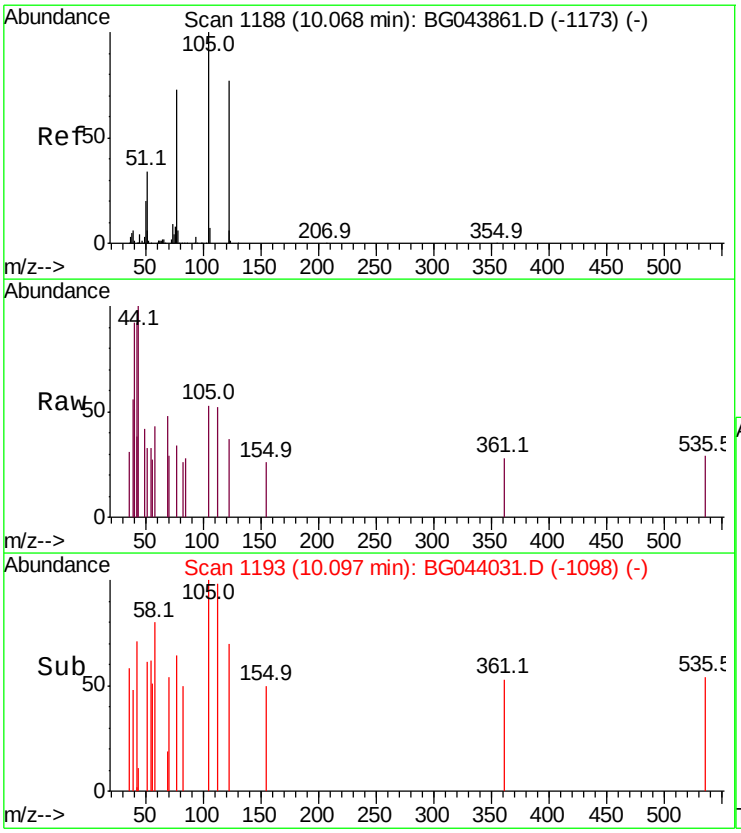
#31
Naphthalene
Concen: 2.146 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 56430

Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.8	14.6
127	12.7	12.0	18.0

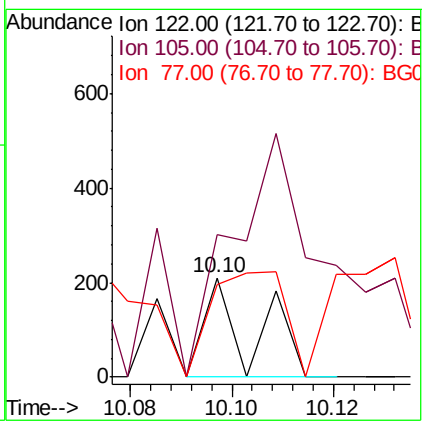


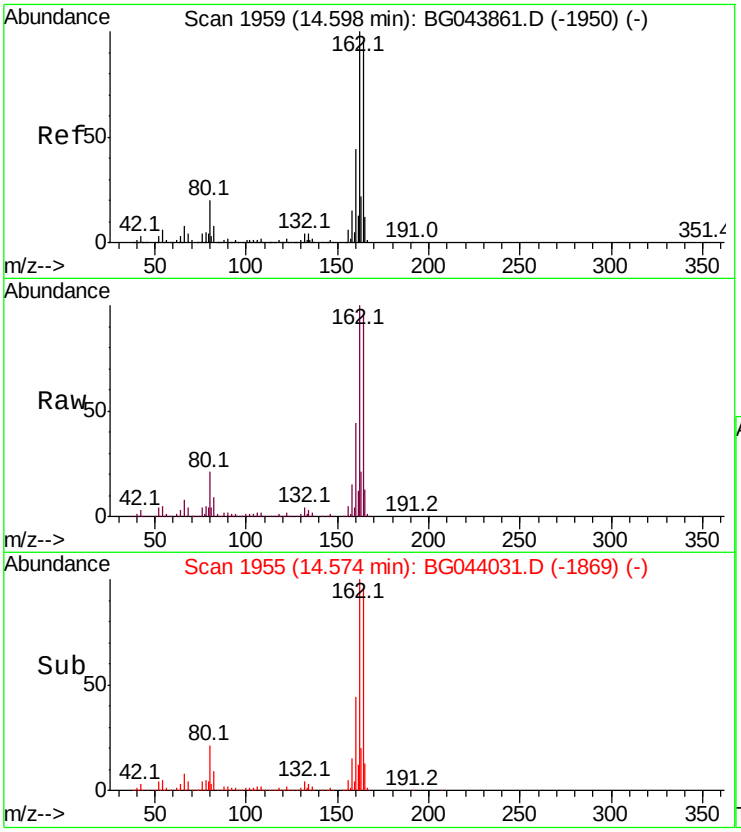


#32
Benzoic acid
Concen: 6.283 ng
RT: 10.10 min Scan# 1193
Delta R.T. 0.03 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Tgt Ion:122 Resp: 139

Ion	Ratio	Lower	Upper
122	100		
105	143.6	106.4	146.4
77	92.4	74.6	114.6



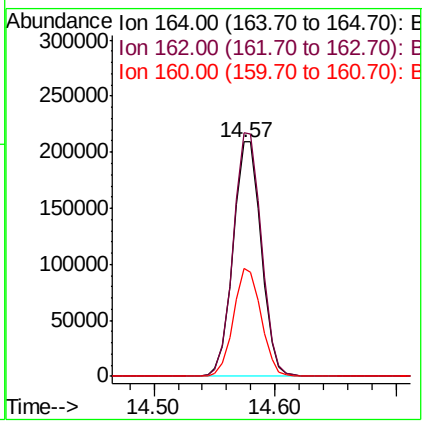


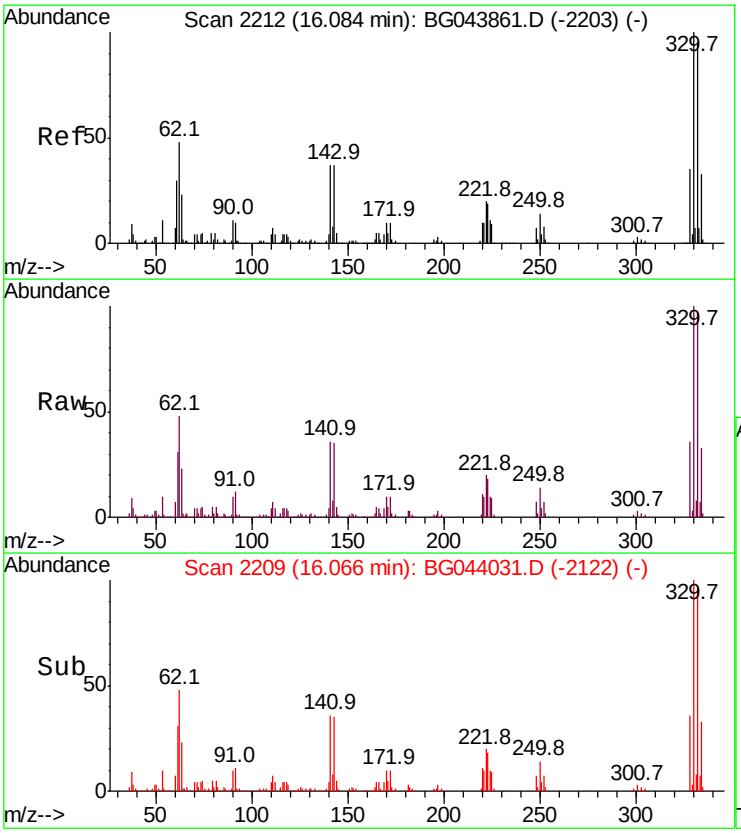
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 339552

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.0	124.4
160	45.9	36.1	54.1

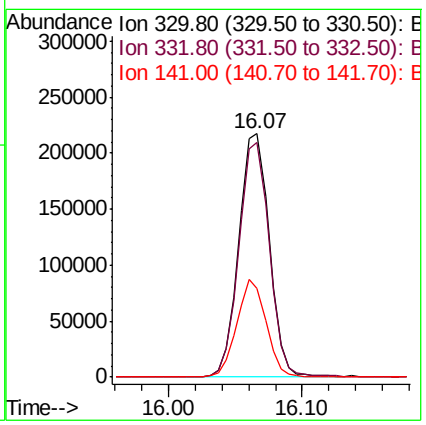


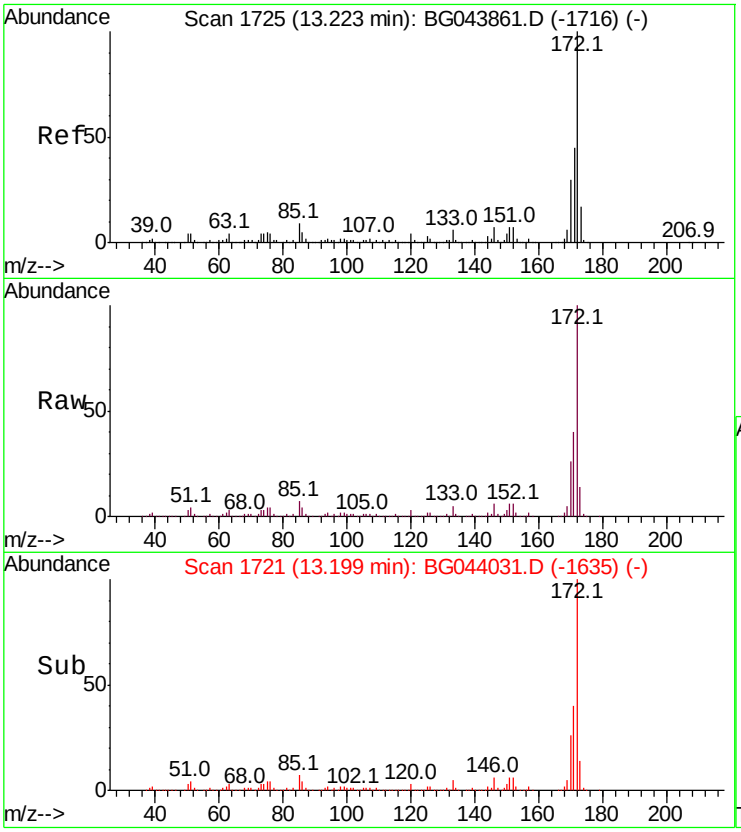


#42
2,4,6-Tribromophenol
Concen: 96.527 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Tgt Ion:330 Resp: 342993

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.2	115.8
141	38.9	33.1	49.7



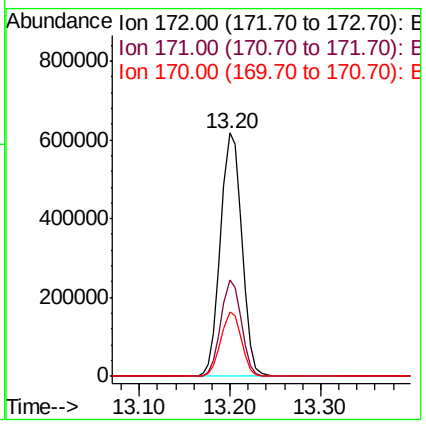


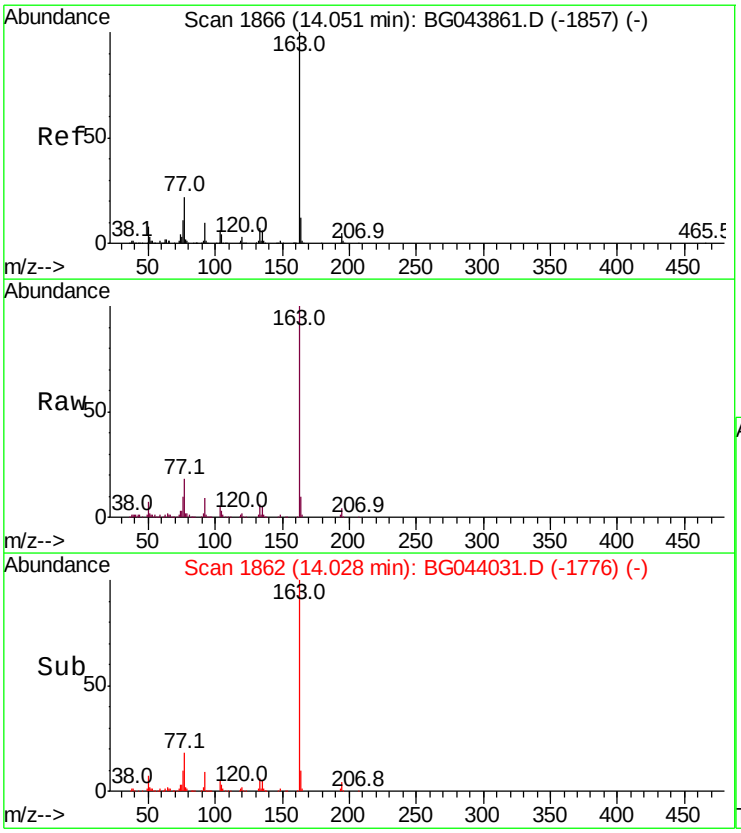
#45
2-Fluorobiphenyl
Concen: 53.937 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1010859

Ion	Ratio	Lower	Upper
172	100		
171	39.6	35.8	53.8
170	26.2	24.2	36.4

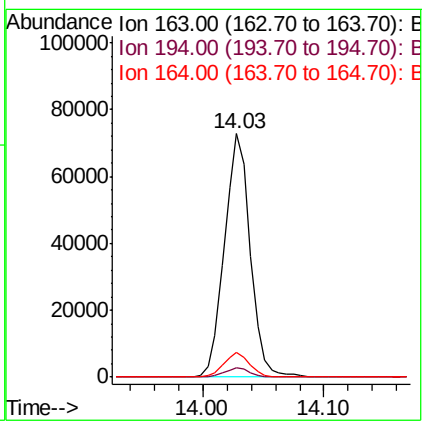


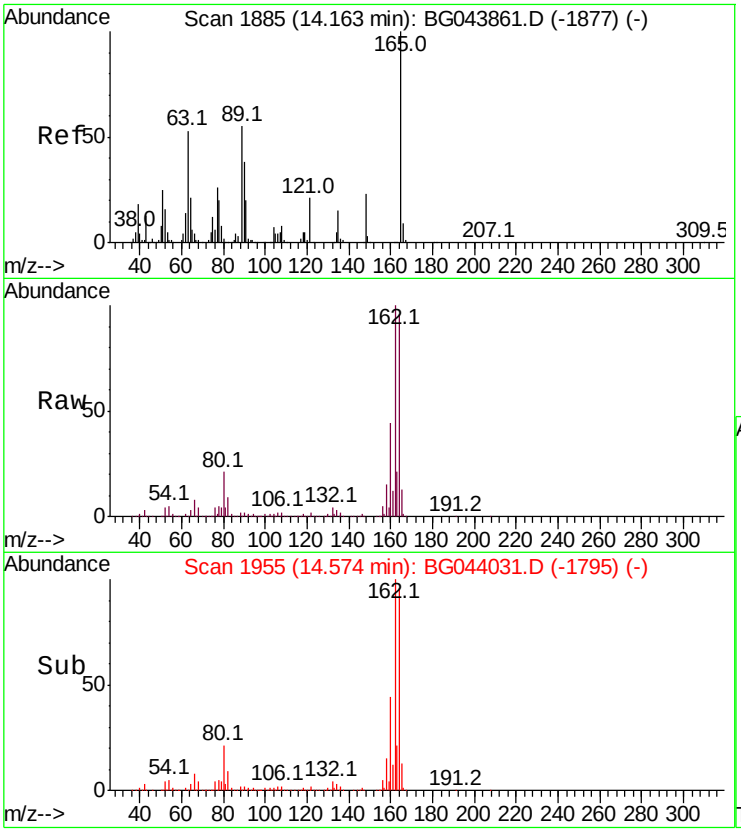


#50
Dimethylphthalate
Concen: 4.472 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Tgt Ion:163 Resp: 107810

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.7	5.5
164	10.3	9.3	13.9



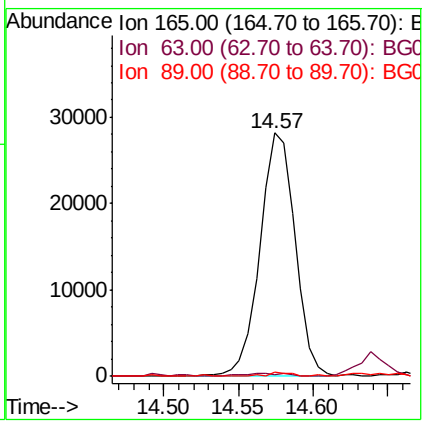


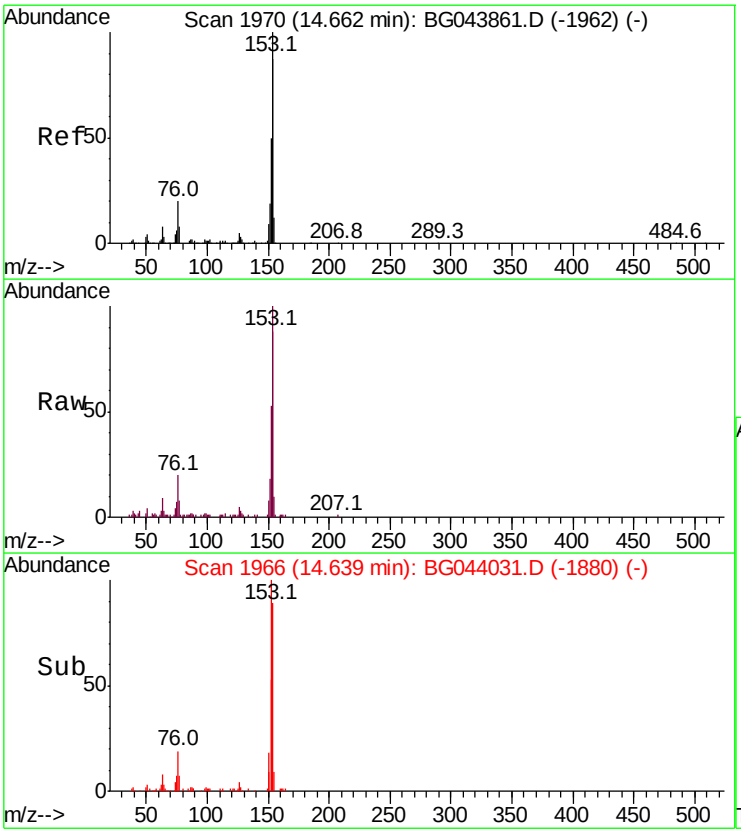
#51
2,6-Dinitrotoluene
Concen: 8.427 ng
RT: 14.57 min Scan# 1955
Delta R.T. 0.41 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 45921

Ion	Ratio	Lower	Upper
165	100		
63	0.9	43.1	64.7#
89	1.7	43.8	65.6#

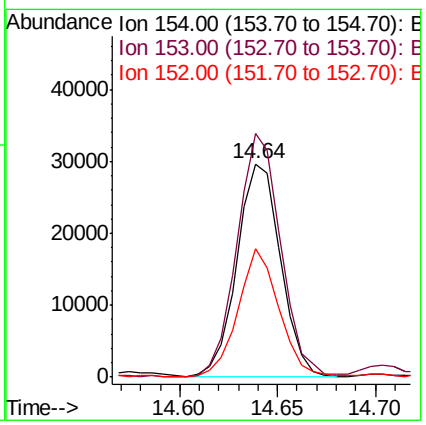


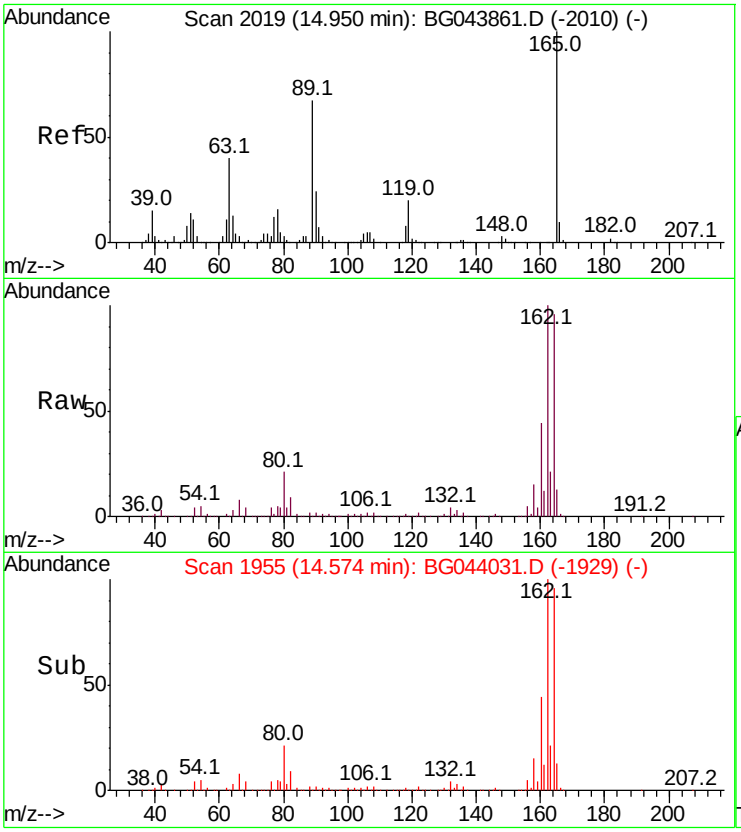


#52
Acenaphthene
Concen: 2.318 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Tgt Ion:154 Resp: 45967

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.6	137.4
152	60.5	45.4	68.0



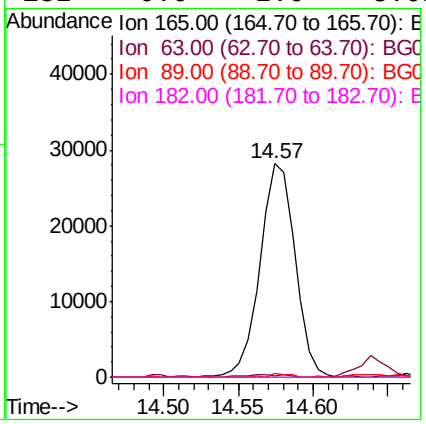


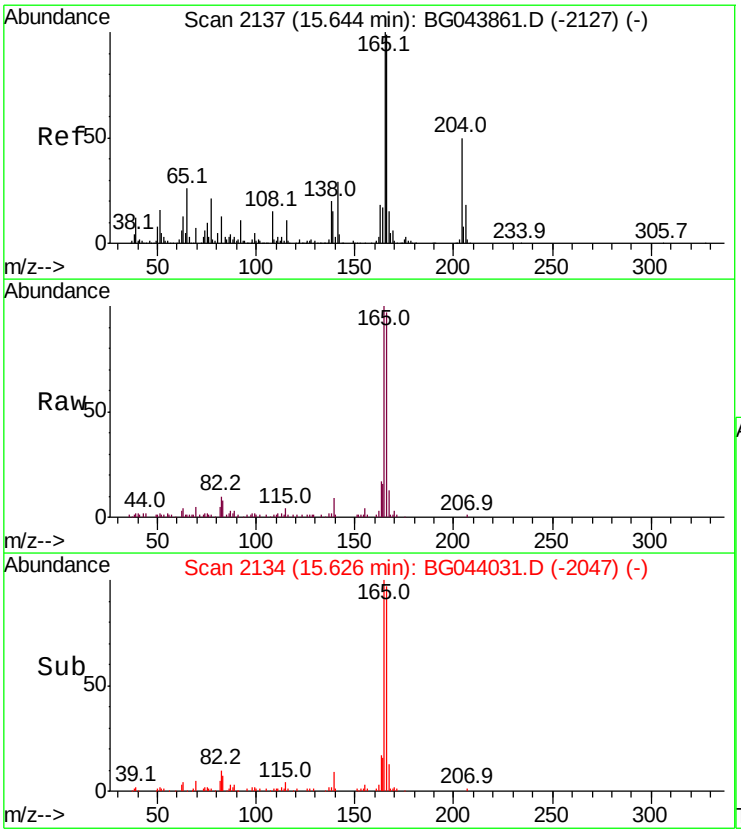
#57
2,4-Dinitrotoluene
Concen: 6.193 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.38 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 45921

Ion	Ratio	Lower	Upper
165	100		
63	0.9	31.9	47.9#
89	1.7	53.8	80.6#
182	0.0	2.0	3.0#

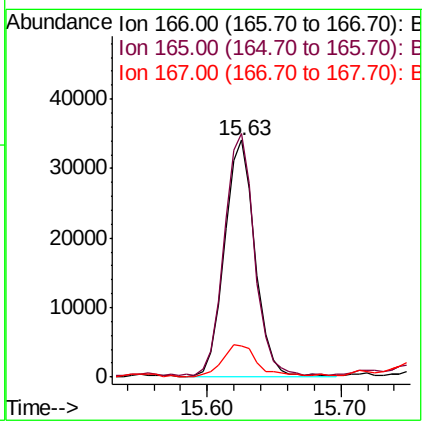


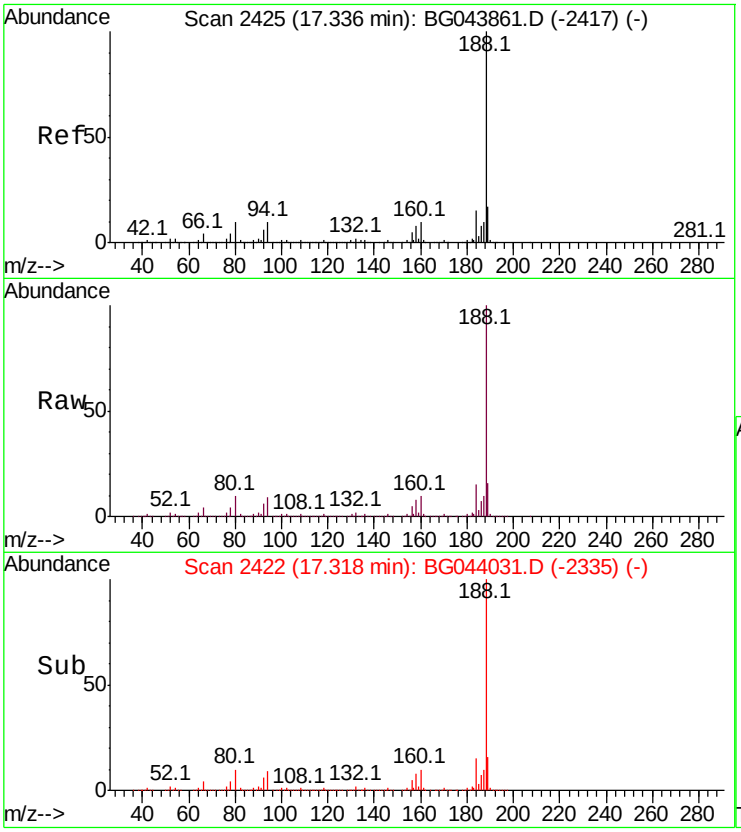


#58
Fluorene
Concen: 2.528 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Tgt Ion:166 Resp: 54690

Ion	Ratio	Lower	Upper
166	100		
165	102.9	80.8	121.2
167	13.0	12.1	18.1



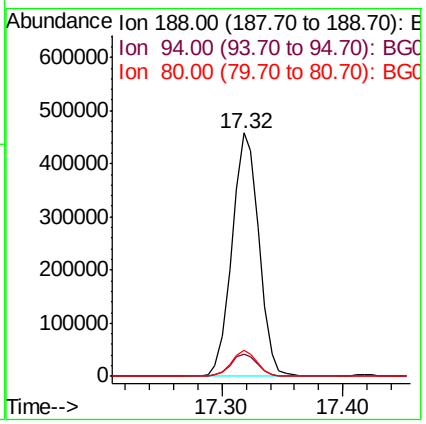


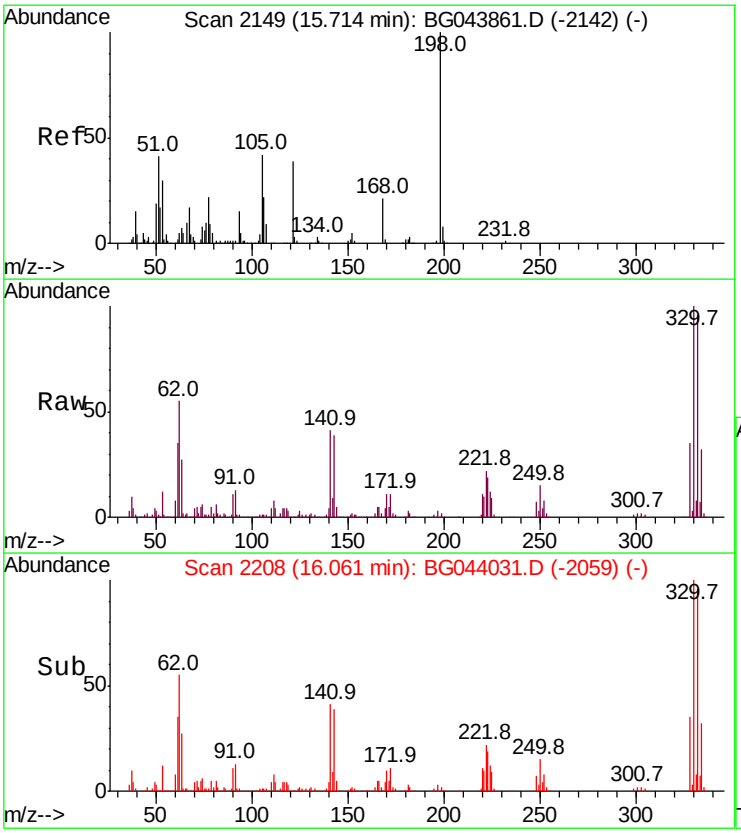
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 708650

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.9	11.9
80	10.5	8.2	12.4

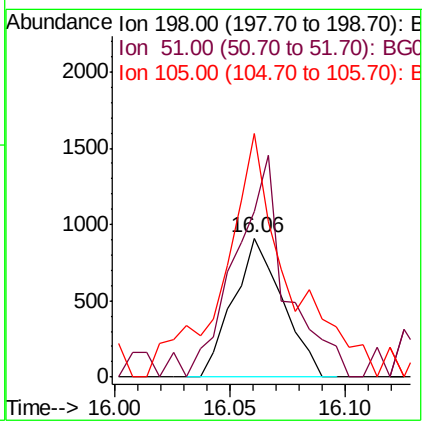


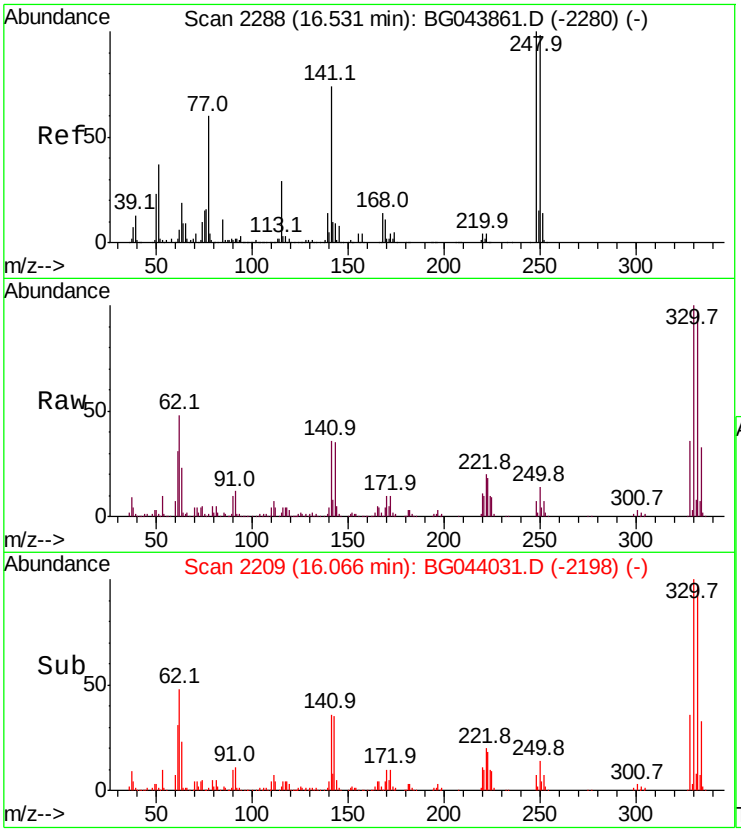


#65
4,6-Dinitro-2-methylphenol
Concen: 4.725 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.35 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Tgt Ion:198 Resp: 1348

Ion	Ratio	Lower	Upper
198	100		
51	119.6	22.5	62.5#
105	175.6	22.3	62.3#



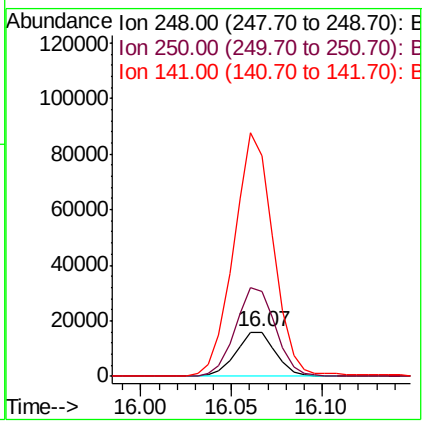


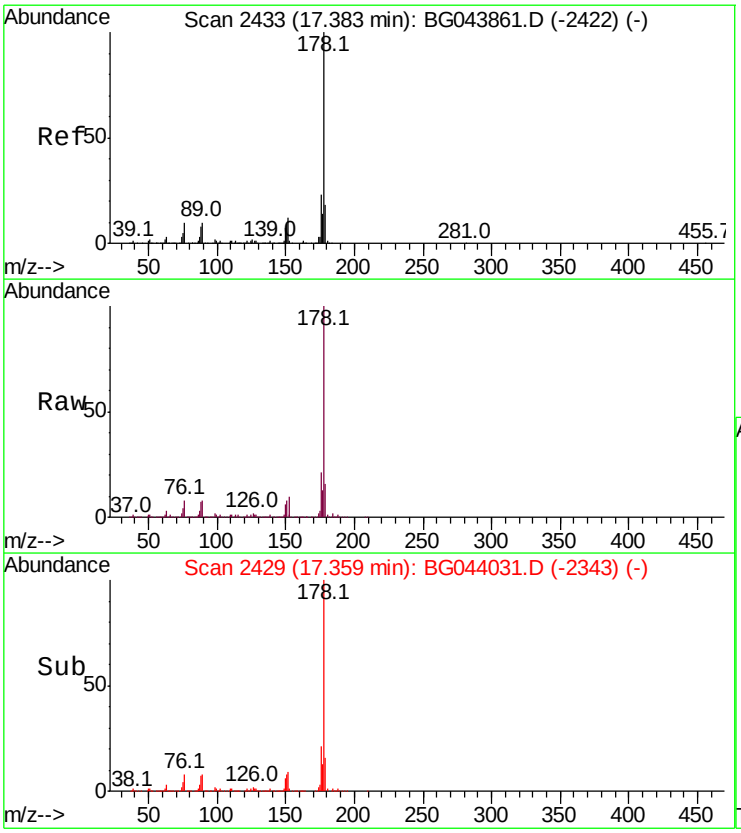
#67
4-Bromophenyl-phenylether
Concen: 3.017 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.46 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 24048

Ion	Ratio	Lower	Upper
248	100		
250	194.2	78.2	117.2#
141	500.9	59.3	88.9#

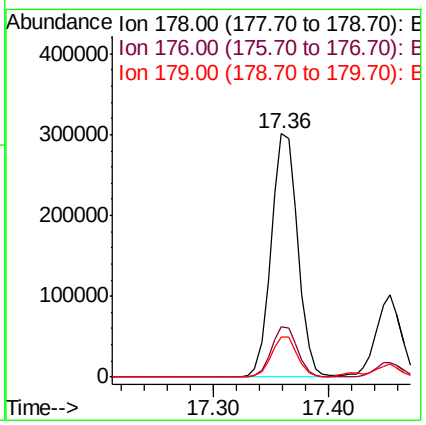


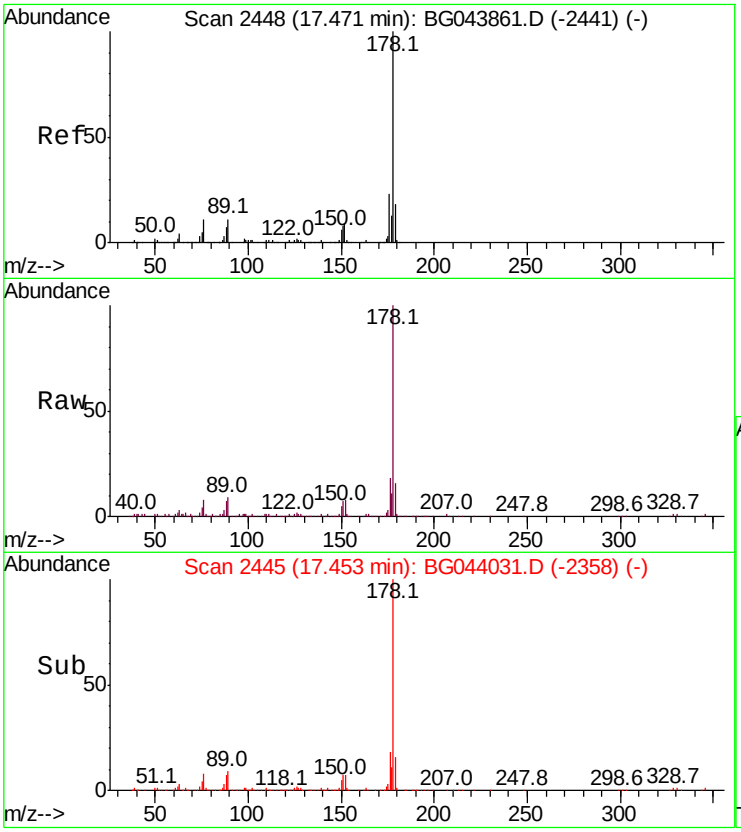


#71
Phenanthrene
Concen: 14.167 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Tgt Ion:178 Resp: 481538

Ion	Ratio	Lower	Upper
178	100		
176	20.7	18.6	28.0
179	16.2	14.4	21.6



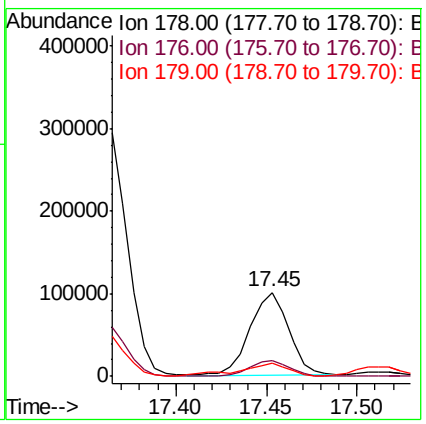


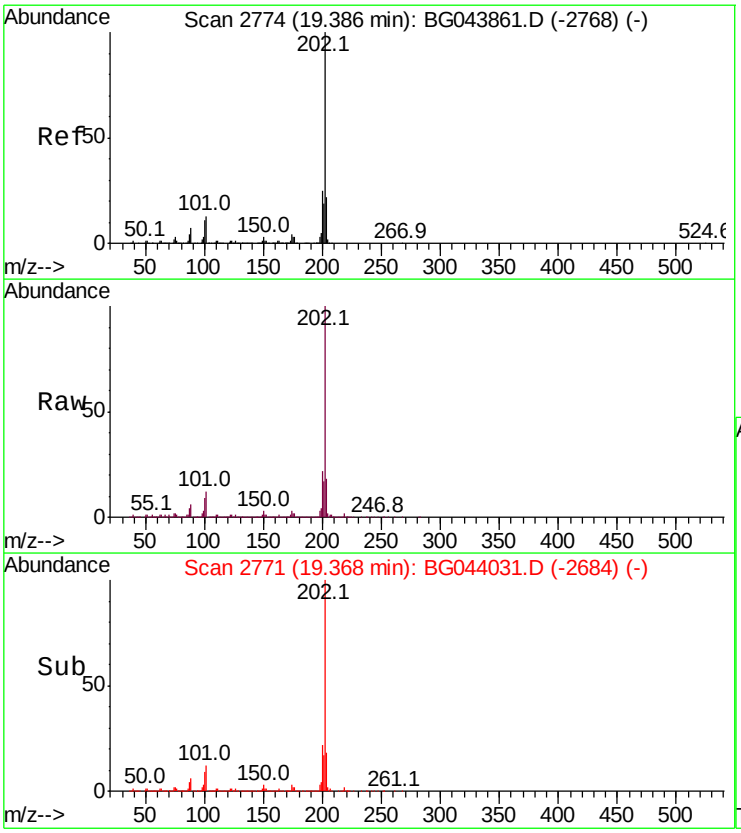
#72
Anthracene
Concen: 4.413 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 148245

Ion	Ratio	Lower	Upper
178	100		
176	18.3	18.3	27.5
179	15.9	14.6	22.0

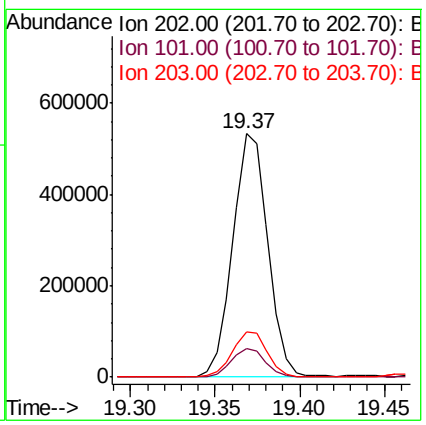


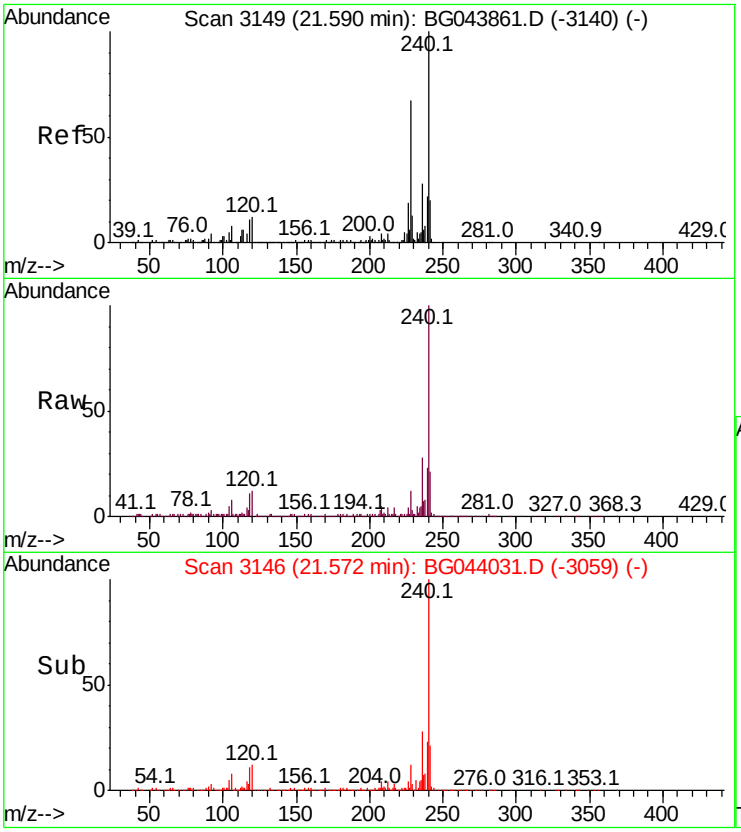


#75
Fluoranthene
Concen: 19.794 ng
RT: 19.37 min Scan# 2771
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Tgt Ion:202 Resp: 769442

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.3
203	18.5	1.6	41.6



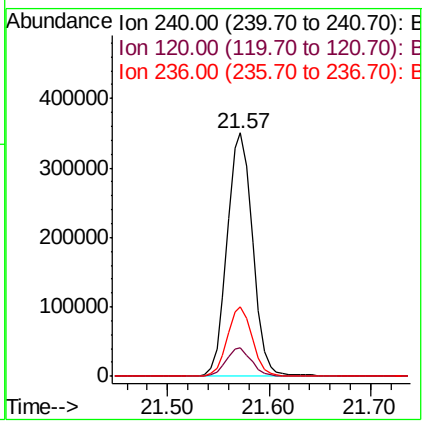


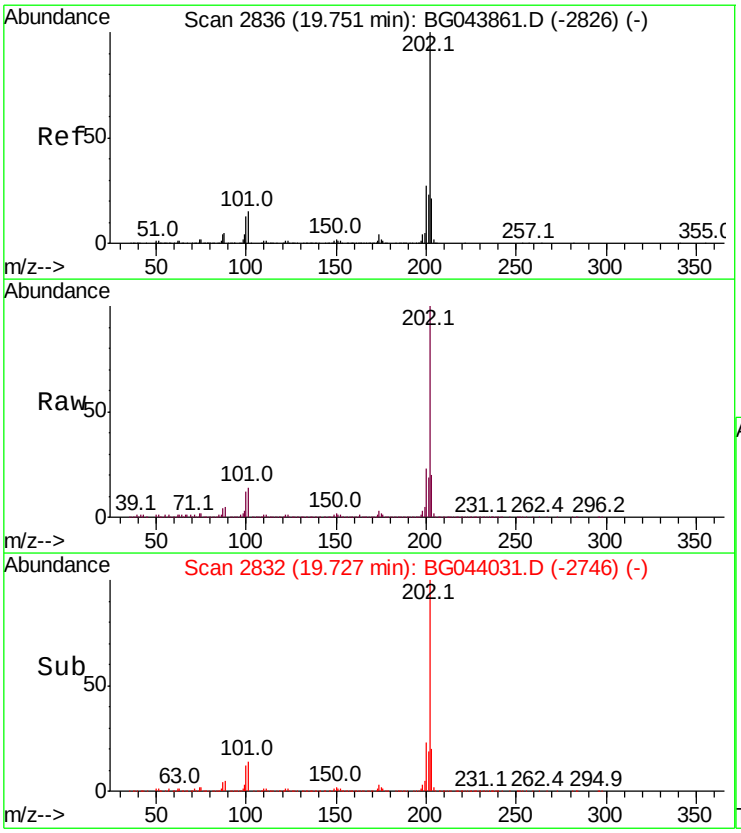
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 612692

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	28.4	22.2	33.2

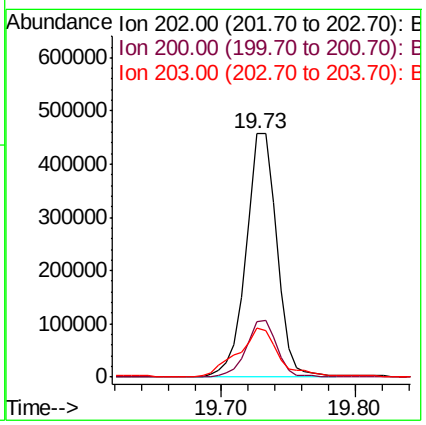


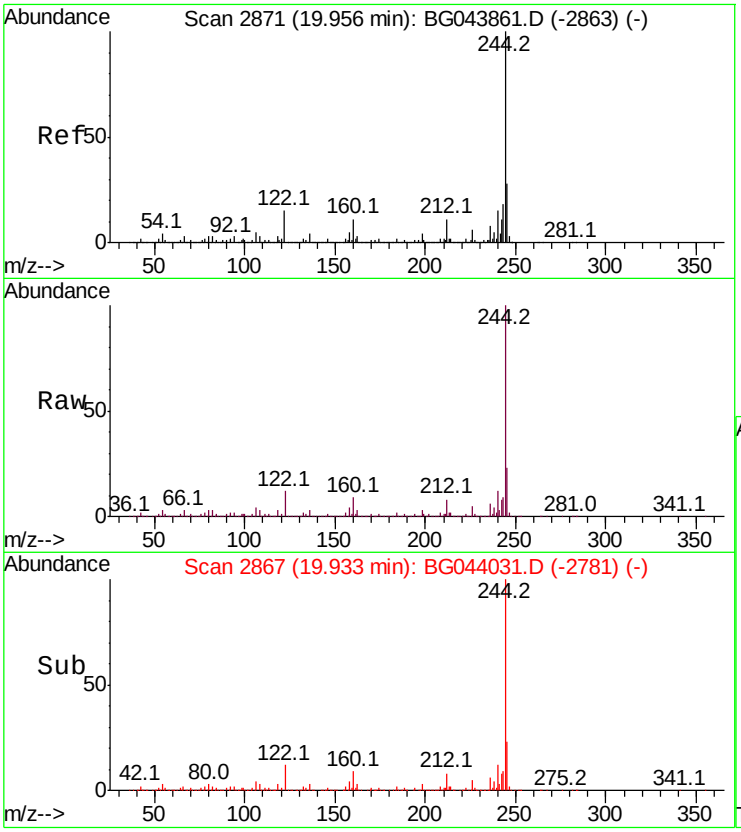


#78
Pyrene
Concen: 18.116 ng
RT: 19.73 min Scan# 2832
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Tgt Ion:202 Resp: 724503

Ion	Ratio	Lower	Upper
202	100		
200	23.0	21.7	32.5
203	19.9	17.0	25.6



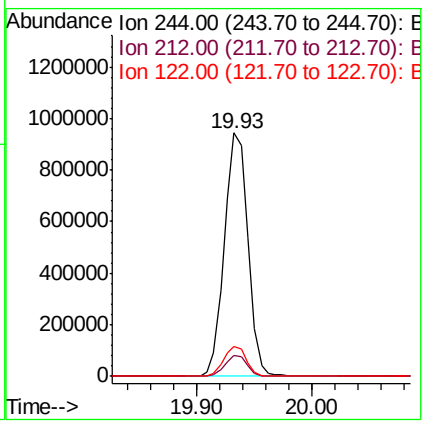


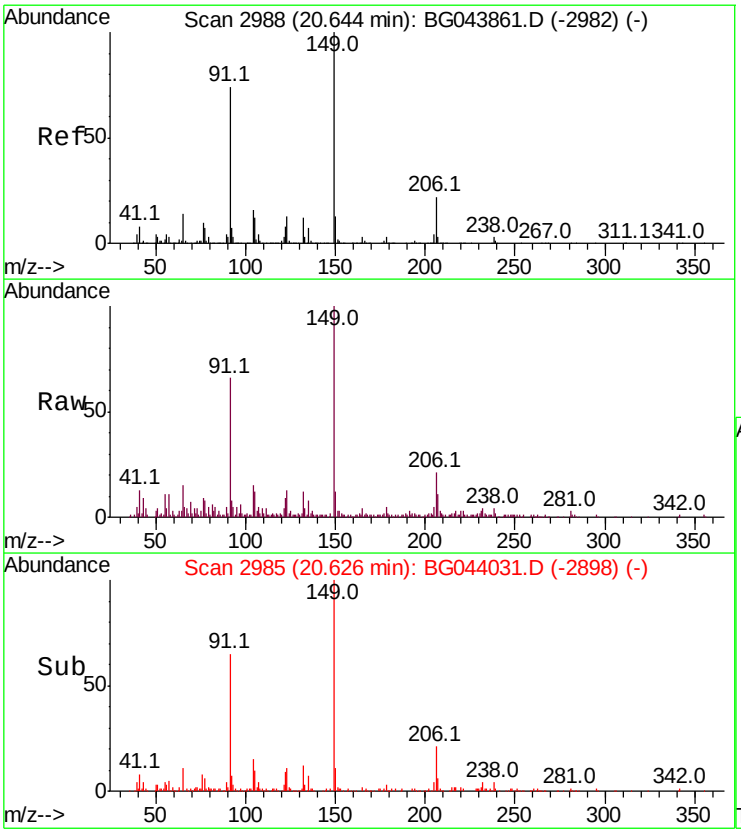
#79
Terphenyl-d14
Concen: 44.884 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1330866

Ion	Ratio	Lower	Upper
244	100		
212	8.3	8.6	13.0#
122	12.2	11.9	17.9

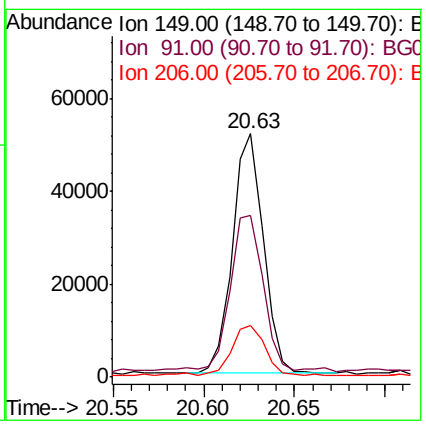


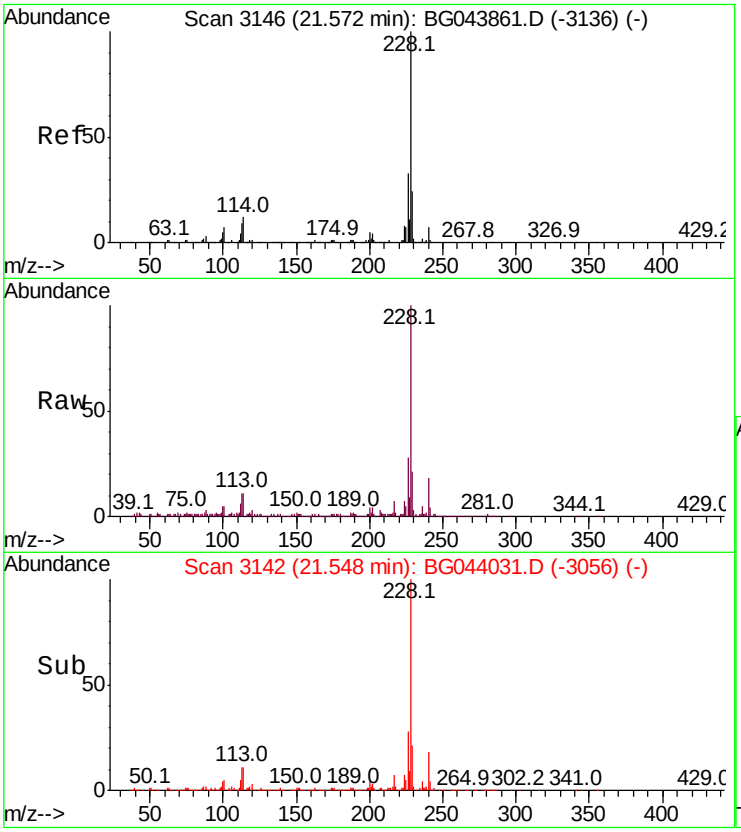


#80
Butylbenzylphthalate
Concen: 3.203 ng
RT: 20.63 min Scan# 2985
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Tgt Ion:149 Resp: 60987

Ion	Ratio	Lower	Upper
149	100		
91	66.4	59.5	89.3
206	21.1	17.8	26.6



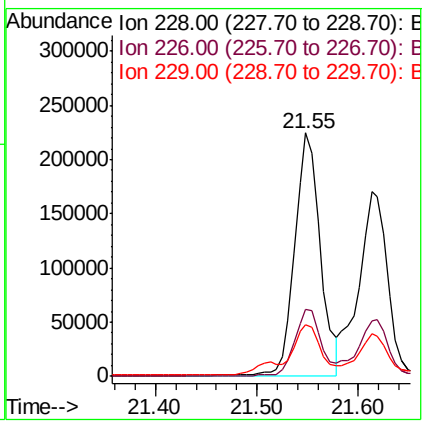


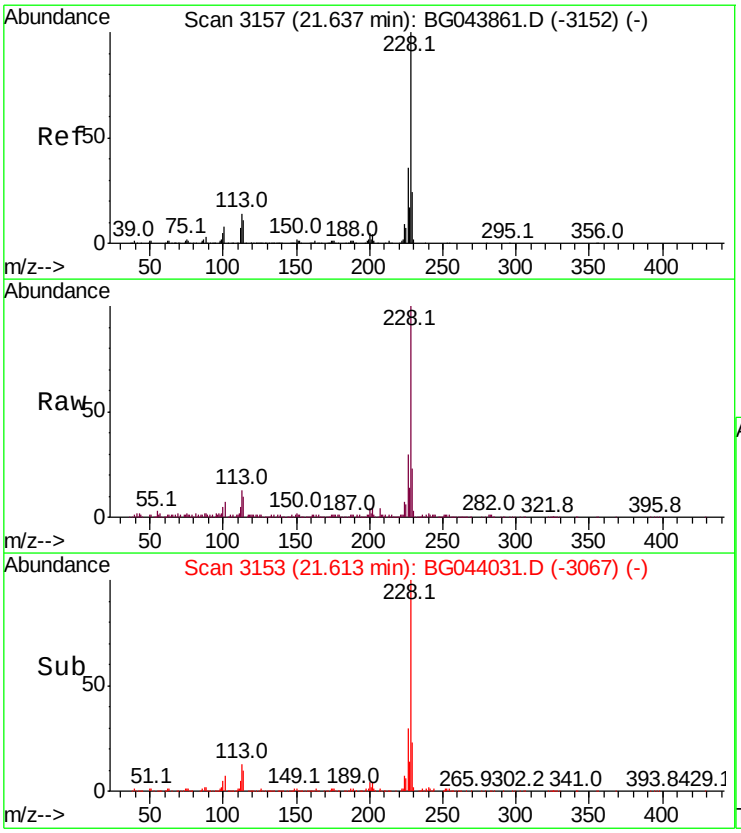
#81
Benzo(a)anthracene
Concen: 10.258 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 389725

Ion	Ratio	Lower	Upper
228	100		
226	27.7	26.2	39.4
229	21.3	18.9	28.3

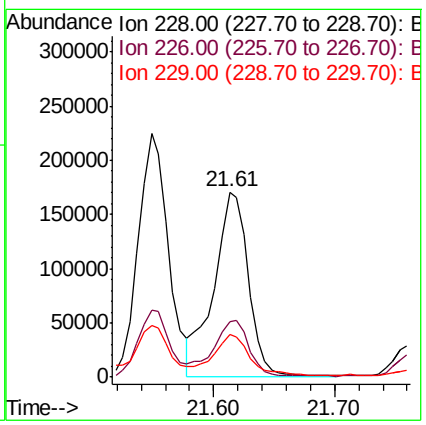


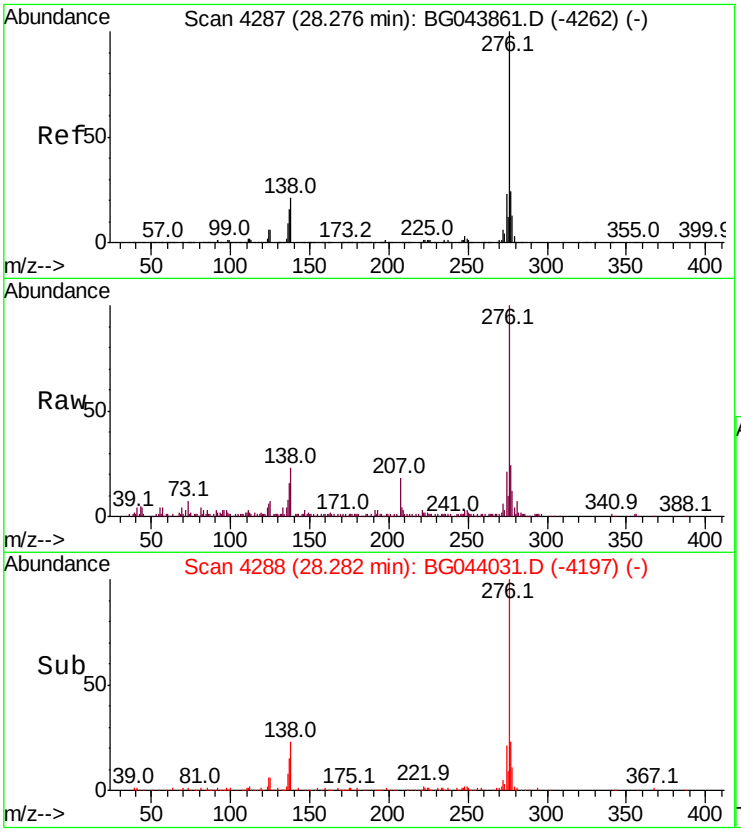


#83
Chrysene
Concen: 9.320 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Tgt Ion:228 Resp: 336438

Ion	Ratio	Lower	Upper
228	100		
226	30.0	28.8	43.2
229	23.2	19.0	28.6



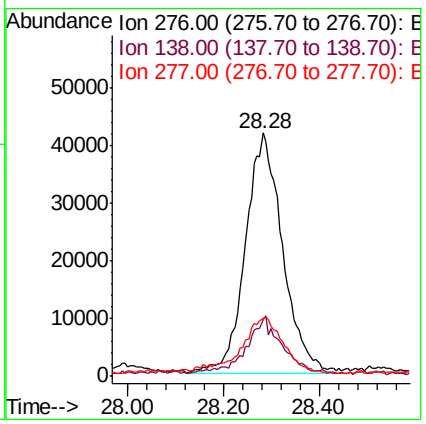


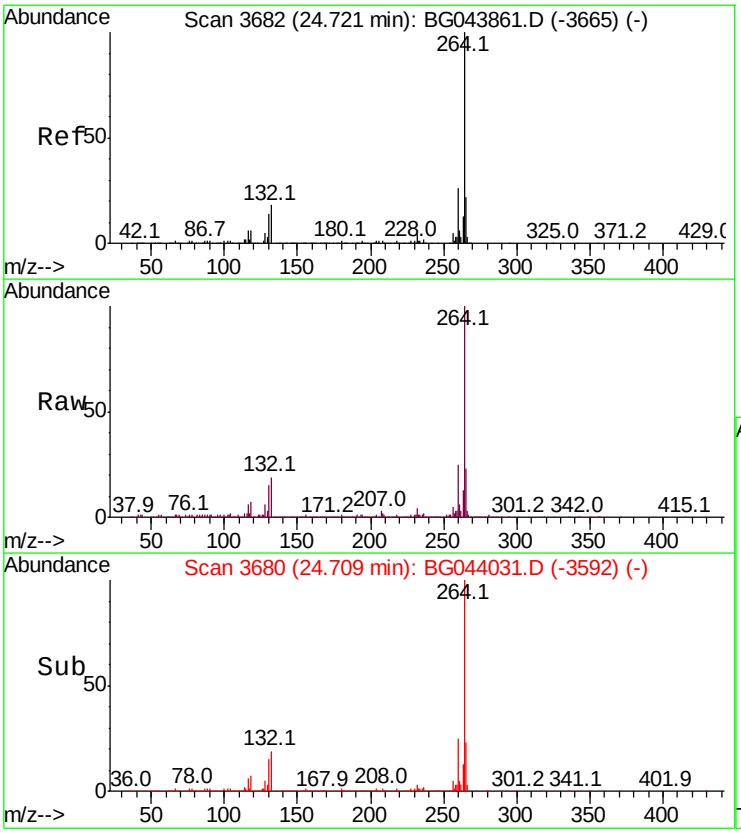
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.577 ng
RT: 28.28 min Scan# 4288
Delta R.T. 0.01 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 224531

Ion	Ratio	Lower	Upper
276	100		
138	21.7	21.0	31.4
277	27.2	21.1	31.7

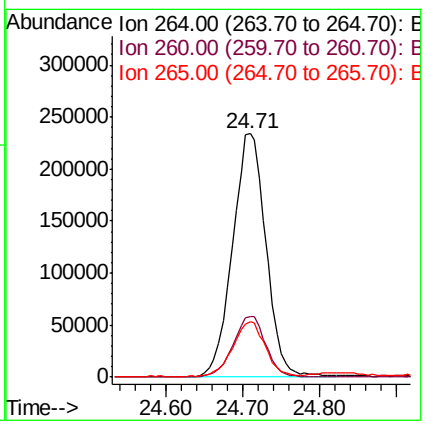


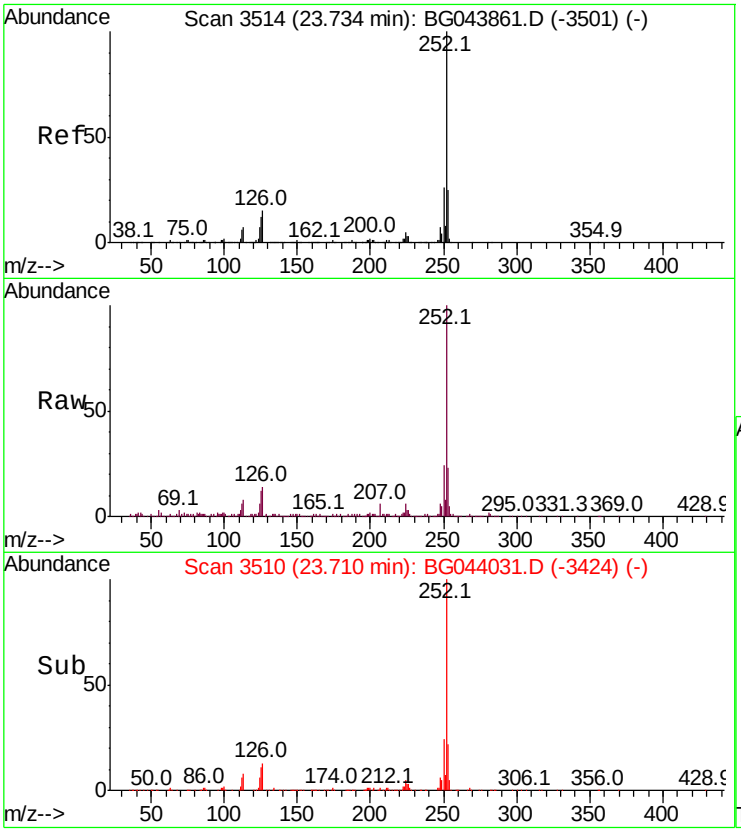


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Tgt Ion:264 Resp: 707516

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	22.9	17.4	26.2



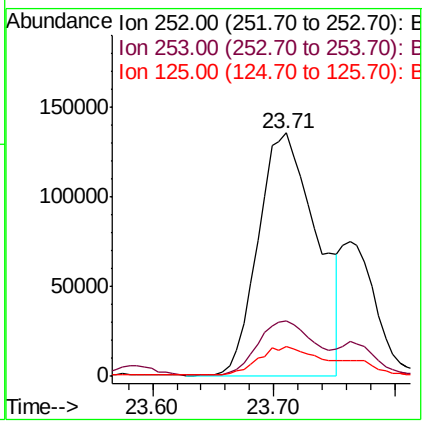


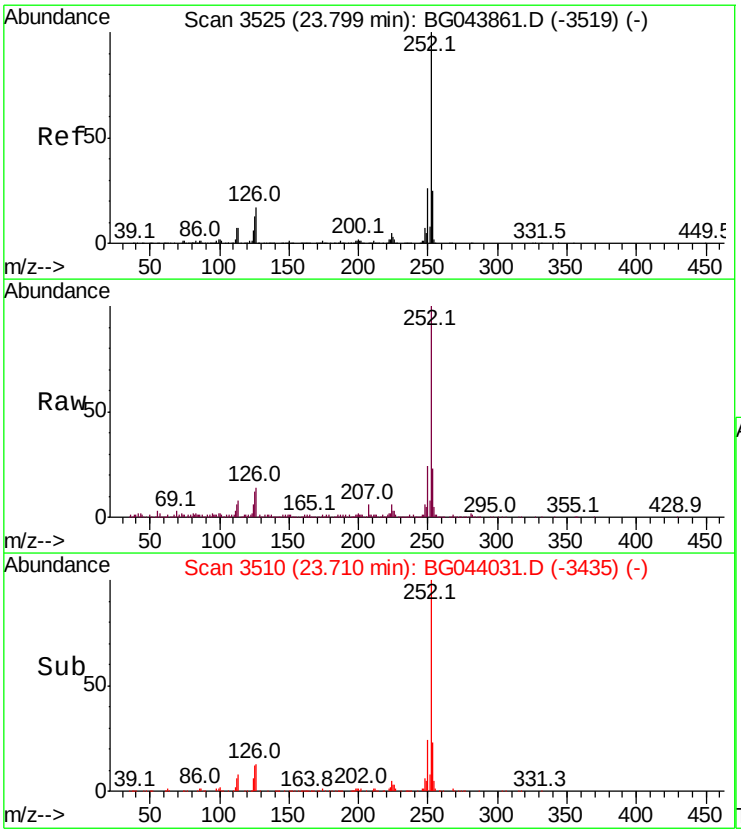
#88
Benzo(b)fluoranthene
Concen: 10.845 ng
RT: 23.71 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 453598

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.7	29.5
125	12.1	9.4	14.2

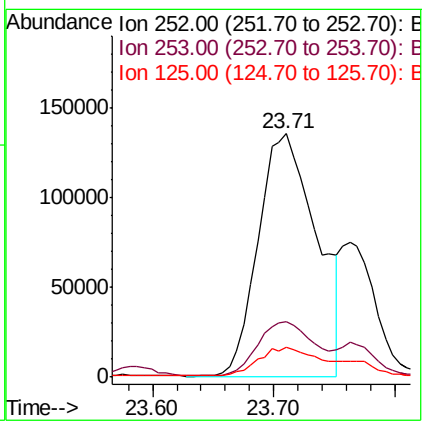


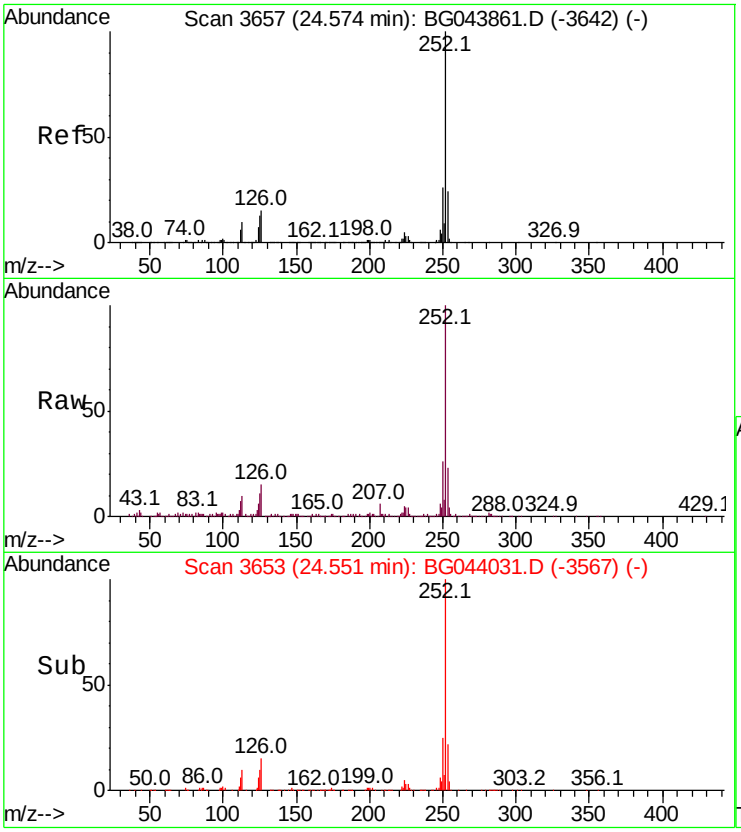


#89
Benzo(k)fluoranthene
Concen: 11.404 ng
RT: 23.71 min Scan# 3510
Delta R.T. -0.09 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Tgt Ion:252 Resp: 453598

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.4	29.2
125	12.1	9.9	14.9



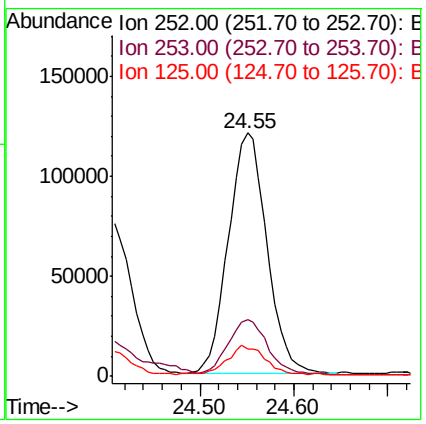


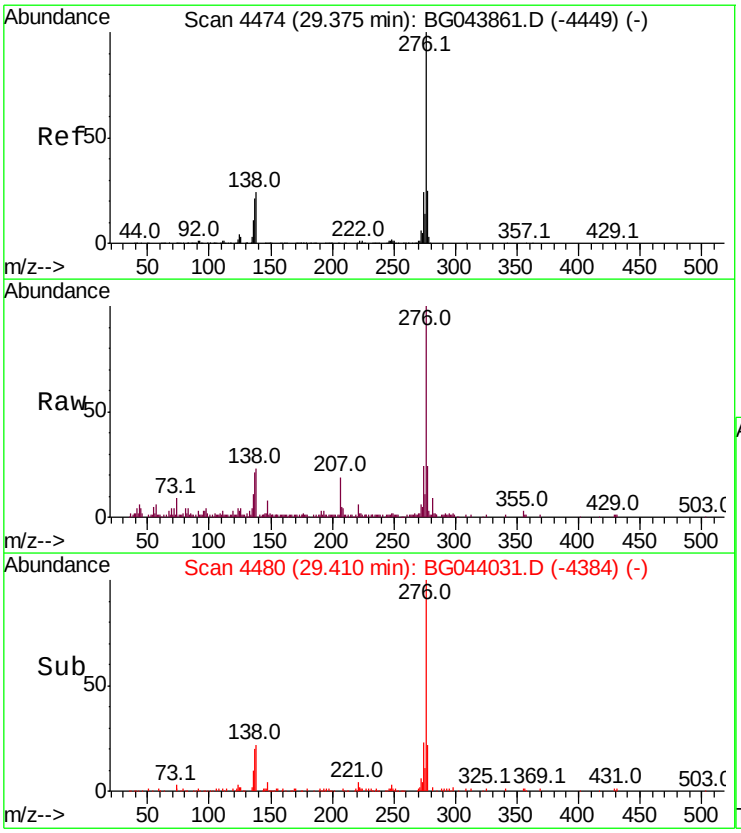
#90
Benzo(a)pyrene
Concen: 8.620 ng
RT: 24.55 min Scan# 3653
Delta R.T. -0.02 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 340308

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.3	28.9
125	11.0	10.4	15.6





#92
Benzo(g,h,i)perylene
Concen: 5.487 ng
RT: 29.41 min Scan# 4480
Delta R.T. 0.04 min
Lab File: BG044031.D
Acq: 14 Jan 2020 3:33

Tgt Ion:276 Resp: 216080

Ion	Ratio	Lower	Upper
276	100		
277	23.6	20.2	30.4
138	22.6	19.0	28.6