Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043473.D
Acq On : 1 Nov 2019 19:53
Operator : JU
Sample : K5620-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-26A-D

Quant Time: Nov 22 05:36:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	46303	20.00	ng		0.02
21) Naphthalene-d8	10.82	136	166425	20.00	ng		0.03
39) Acenaphthene-d10	14.64	164	123391	20.00	ng		0.02
64) Phenanthrene-d10	17.39	188	290320	20.00	ng		0.02
76) Chrysene-d12	21.65	240	313546	20.00	ng		0.02
87) Perylene-d12	24.84	264	377266	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	249995	98.94	ng		0.02
7) Phenol-d6	7.19	99	356893	98.17	ng		0.00
23) Nitrobenzene-d5	9.17	82	208744	64.66	ng		0.02
42) 2,4,6-Tribromophenol	16.13	330	194063	82.65	ng		0.02
45) 2-Fluorobiphenyl	13.26	172	558386	62.53	ng		0.02
79) Terphenyl-d14	20.00	244	1051268	62.90	ng		0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.17	70	28314	12.053	ng	#	70
50) Dimethylphthalate	14.09	163	100952	10.563	ng		97
54) 2,4-Dinitrophenol	15.17	184	88	7.344	ng	#	44
57) 2,4-Dinitrotoluene	14.64	165	16238	5.472	ng	#	26
67) 4-Bromophenyl-phenylether	16.13	248	12785	3.272	ng	#	1
71) Phenanthrene	17.43	178	104085	7.001	ng		100
75) Fluoranthene	19.44	202	248307	12.812	ng		98
77) Benzidine	20.00	184	15202	2.409	ng	#	94
78) Pyrene	19.80	202	190777	9.830	ng		97
81) Benzo(a)anthracene	21.63	228	123471	6.287	ng		96
83) Chrysene	21.70	228	118241	6.059	ng		98
86) Indeno(1,2,3-cd)pyrene	28.46	276	91787	3.747	ng	#	97
88) Benzo(b)fluoranthene	23.83	252	157334	7.363	ng		96
89) Benzo(k)fluoranthene	23.83	252	157334	7.314	ng		97
90) Benzo(a)pyrene	24.69	252	118267	5.796	ng	#	99
92) Benzo(g,h,i)perylene	29.59	276	98015	4.761	ng	#	94

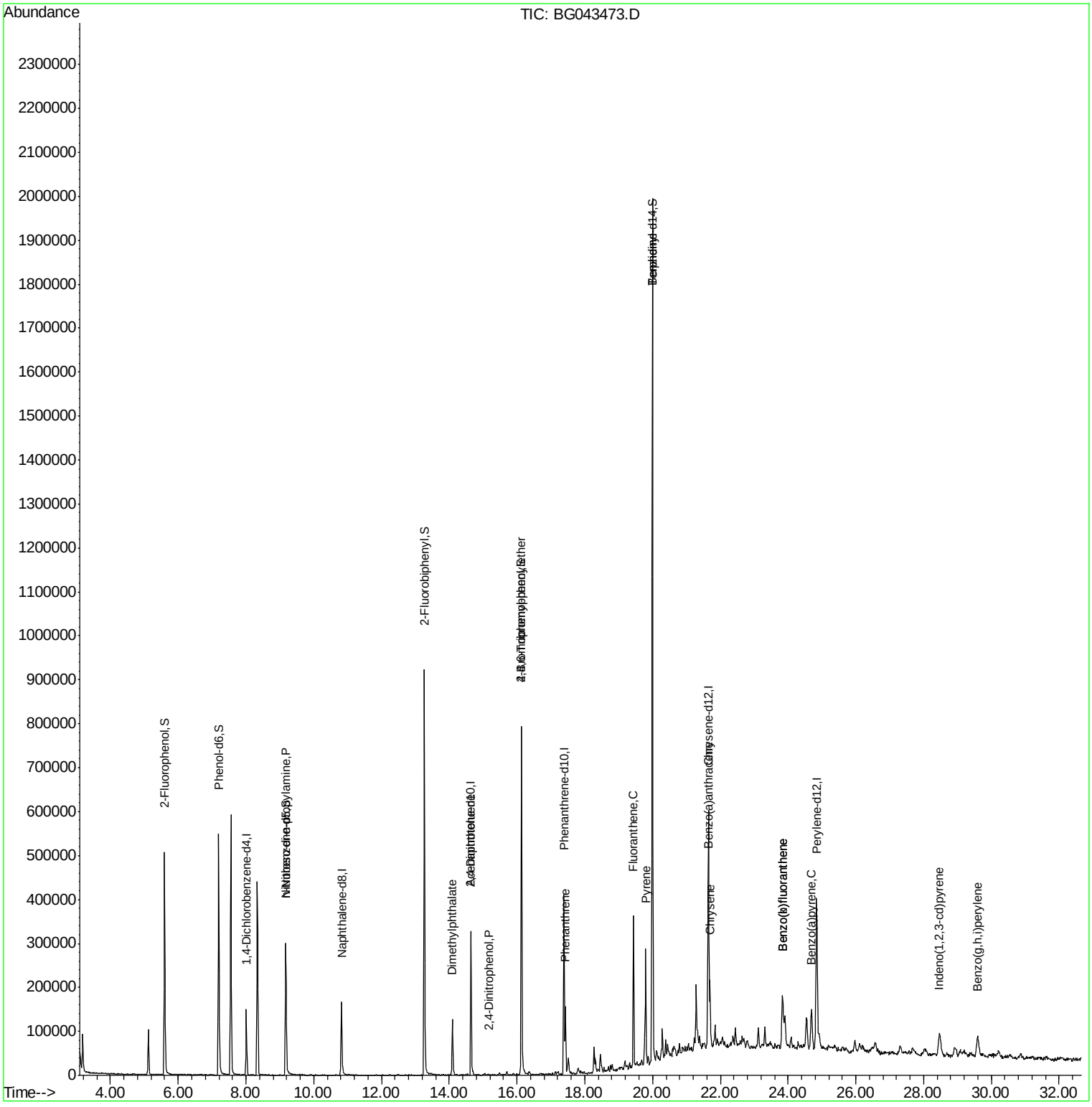
(#) = qualifier out of range (m) = manual integration (+) = signals summed

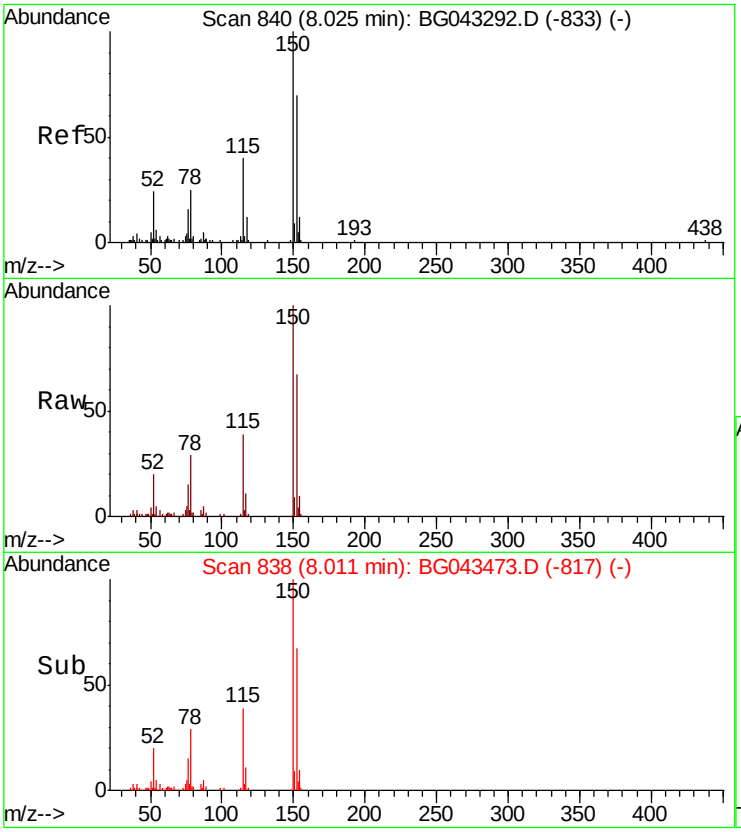
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043473.D
Acq On : 1 Nov 2019 19:53
Operator : JU
Sample : K5620-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Quant Time: Nov 22 05:36:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration



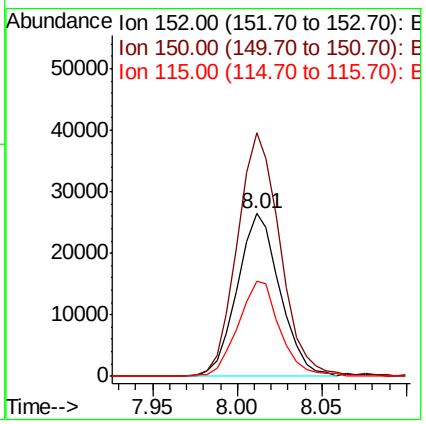


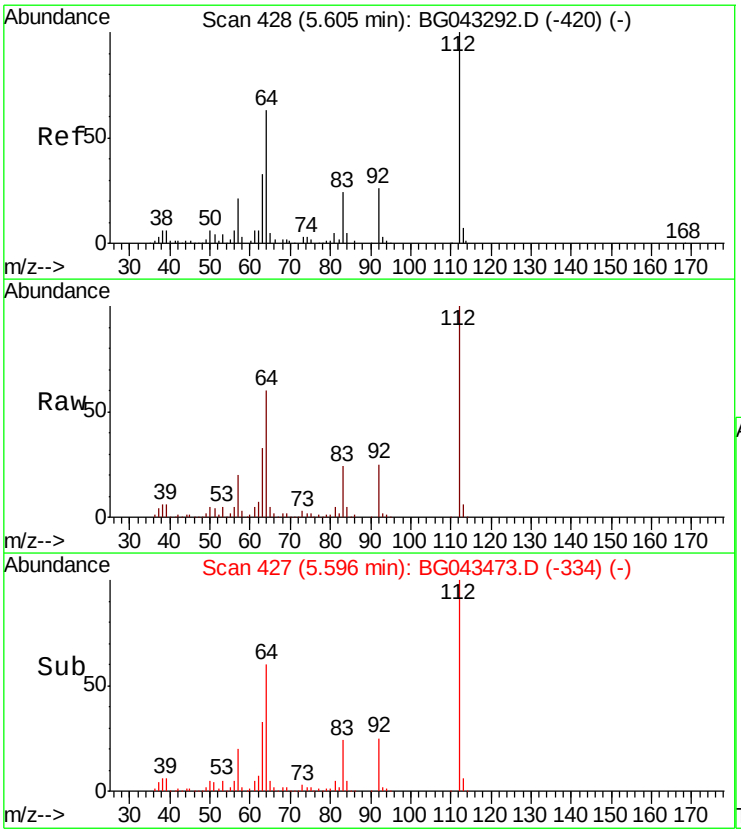
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Tgt Ion:152 Resp: 46303

Ion	Ratio	Lower	Upper
152	100		
150	149.6	116.6	175.0
115	58.2	40.5	60.7

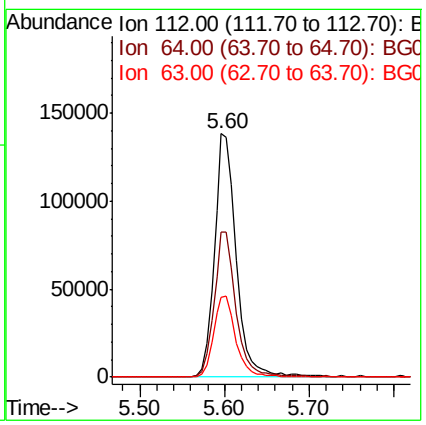


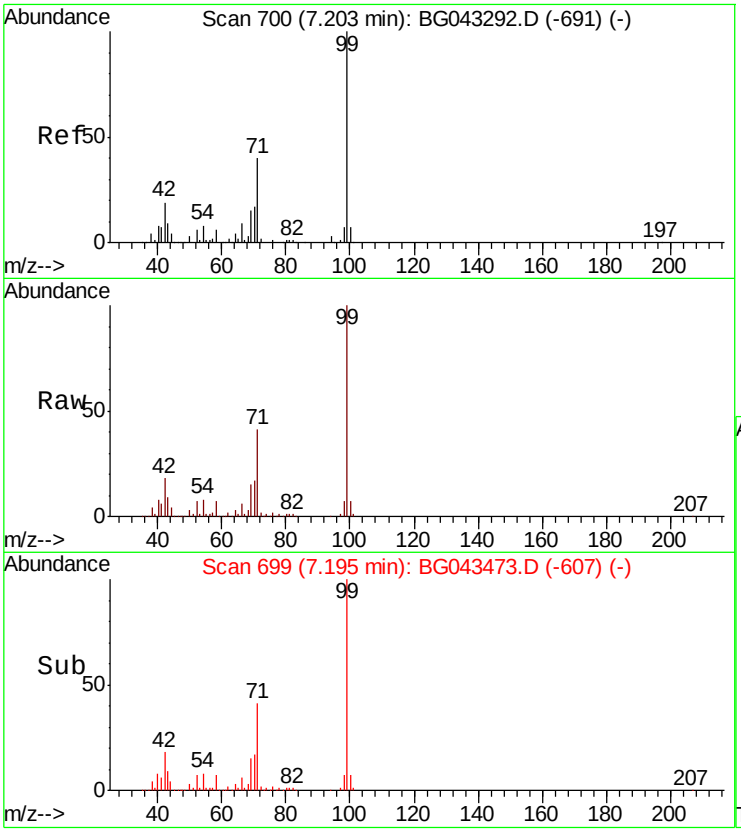


#5
2-Fluorophenol
Concen: 98.936 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Tgt Ion:112 Resp: 249995

Ion	Ratio	Lower	Upper
112	100		
64	59.7	50.6	75.8
63	32.8	30.5	45.7



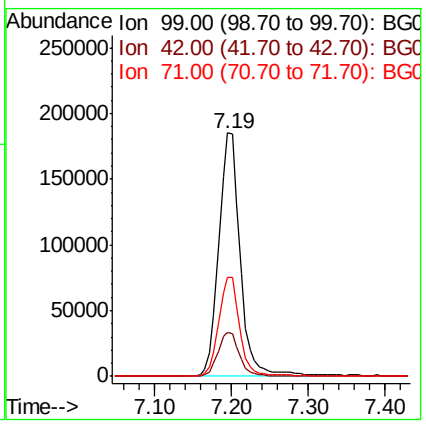


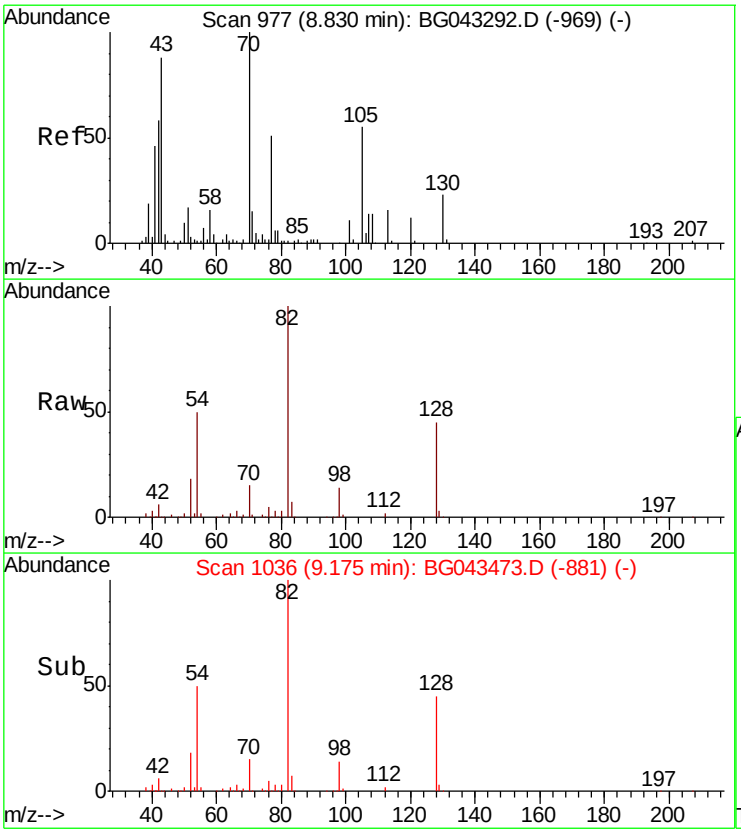
#7
Phenol-d6
Concen: 98.168 ng
RT: 7.19 min Scan# 699
Delta R.T. 0.01 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Tgt Ion: 99 Resp: 356893

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.8	23.8
71	40.6	34.4	51.6

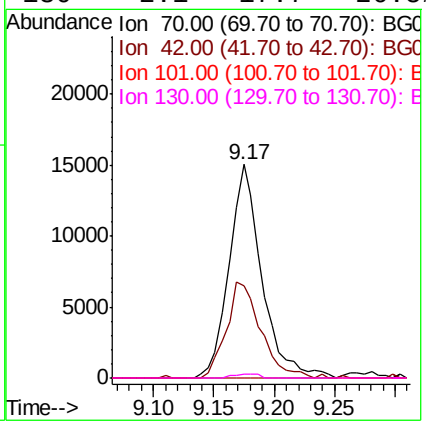


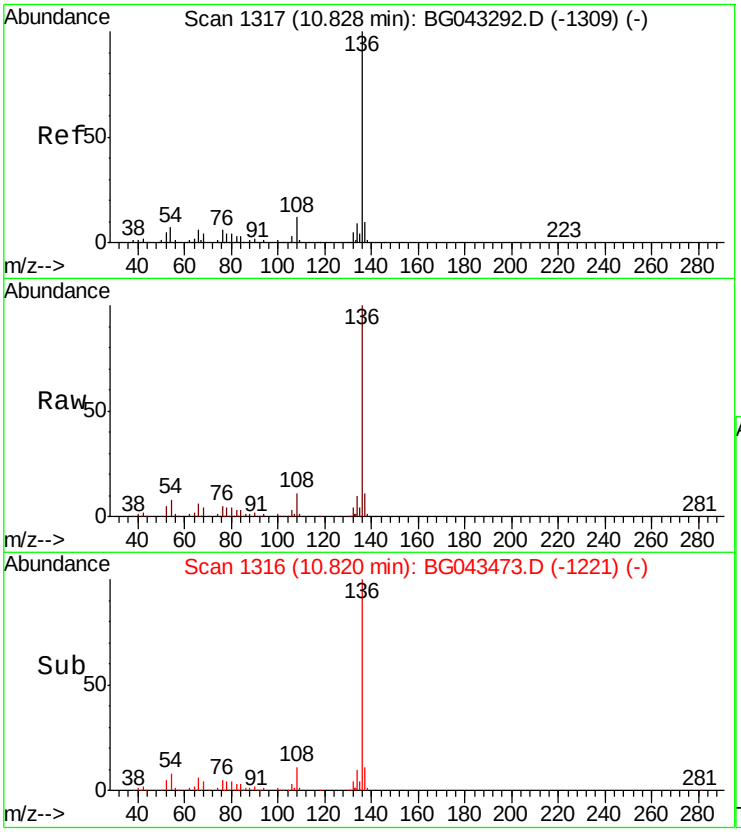


#19
n-Nitroso-di-n-propylamine
Concen: 12.053 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.38 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Tgt Ion: 70 Resp: 28314

Ion	Ratio	Lower	Upper
70	100		
42	42.9	49.7	74.5#
101	0.0	9.7	14.5#
130	2.1	17.7	26.5#



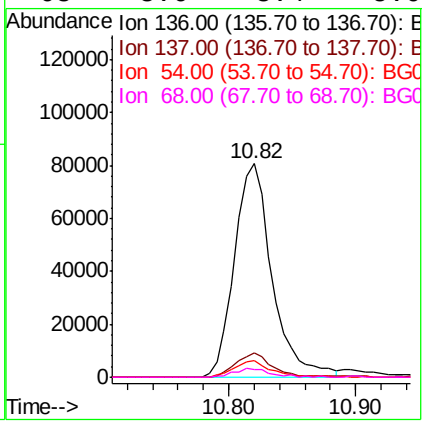


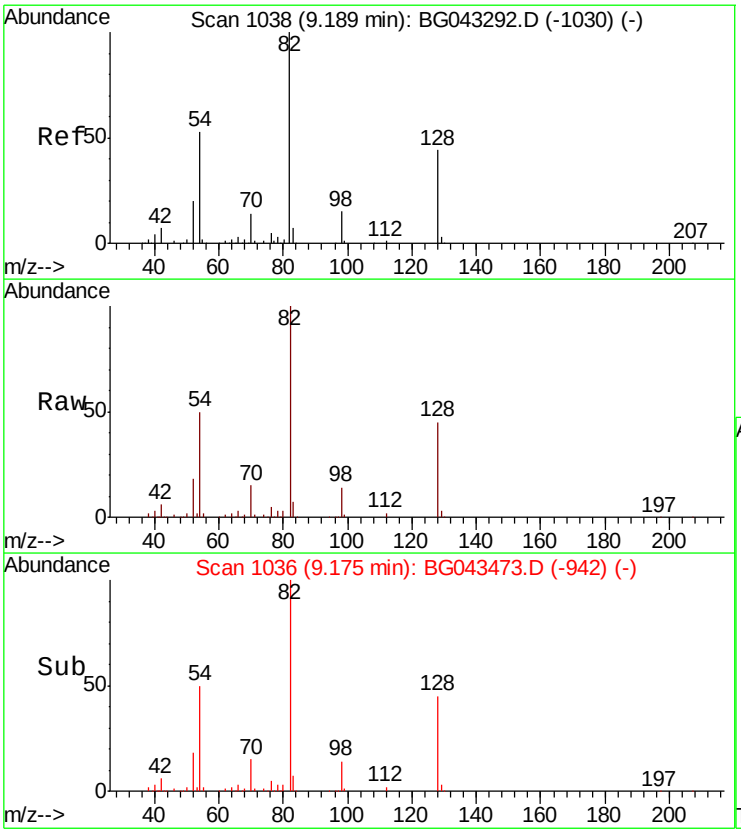
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.03 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Tgt Ion:136 Resp: 166425

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.6	6.2	9.2
68	3.6	3.4	5.0

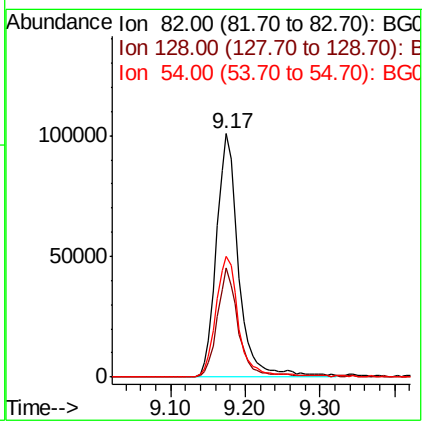


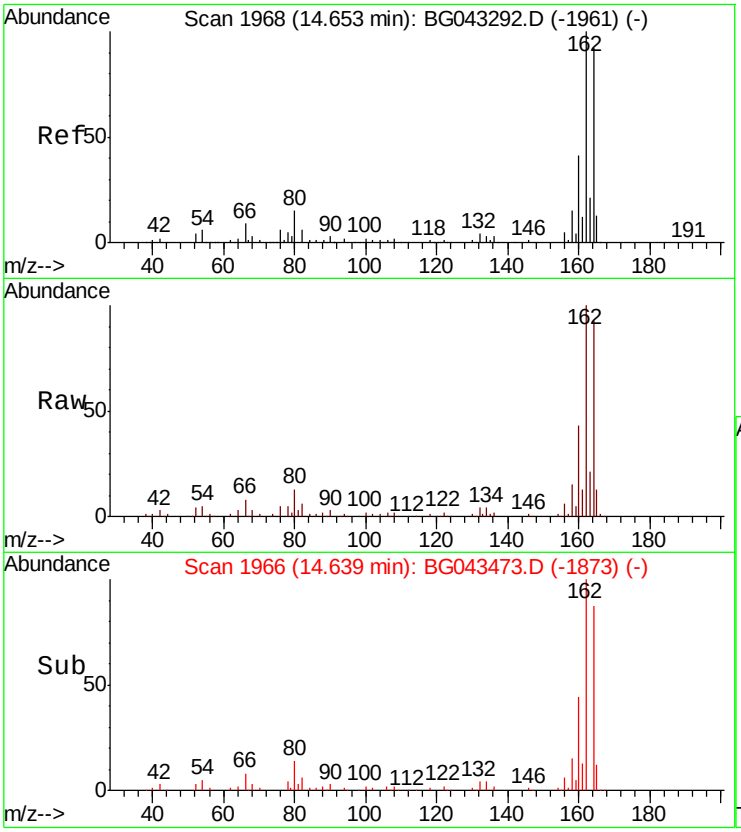


#23
Nitrobenzene-d5
Concen: 64.664 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Tgt Ion: 82 Resp: 208744

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.2	51.4
54	49.6	44.7	67.1



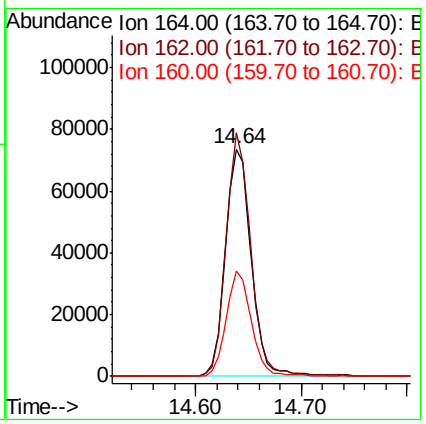


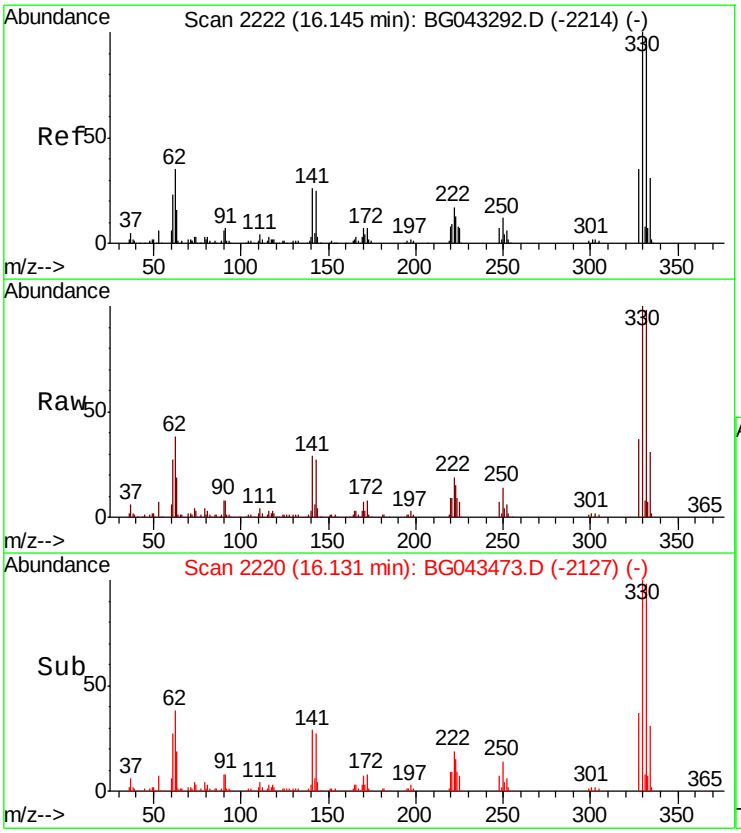
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Tgt Ion:164 Resp: 123391

Ion	Ratio	Lower	Upper
164	100		
162	107.3	79.4	119.2
160	46.6	36.3	54.5

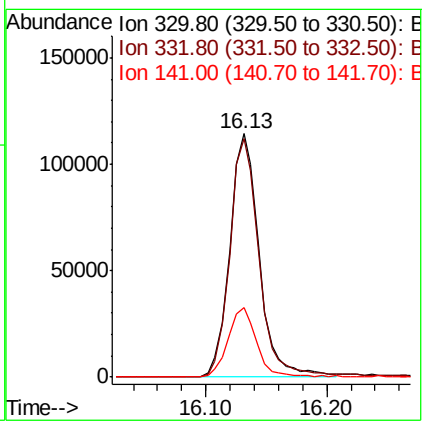


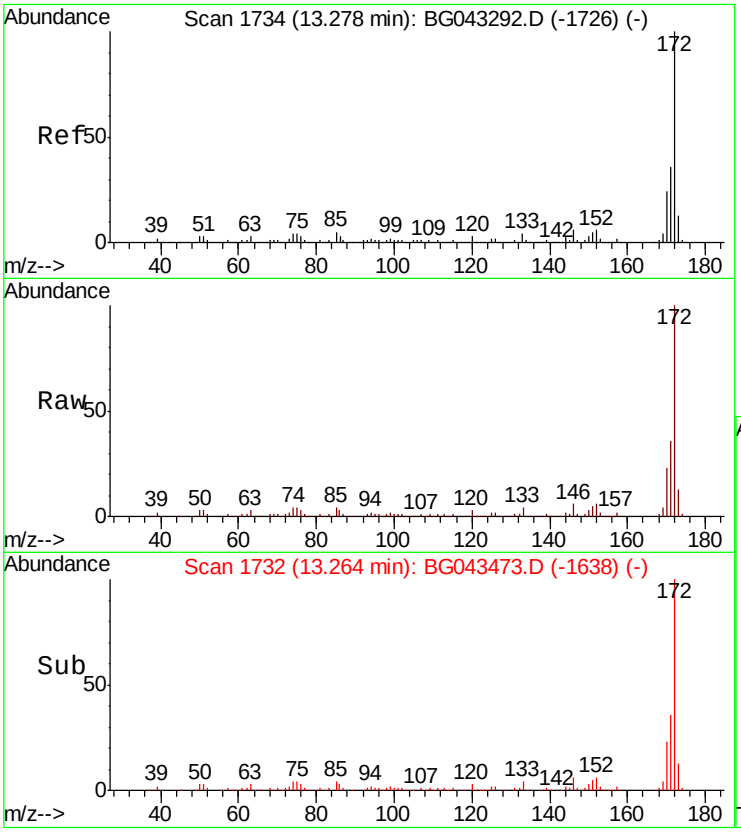


#42
2,4,6-Tribromophenol
Concen: 82.646 ng
RT: 16.13 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Tgt Ion:330 Resp: 194063

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	115.0
141	27.8	23.4	35.2



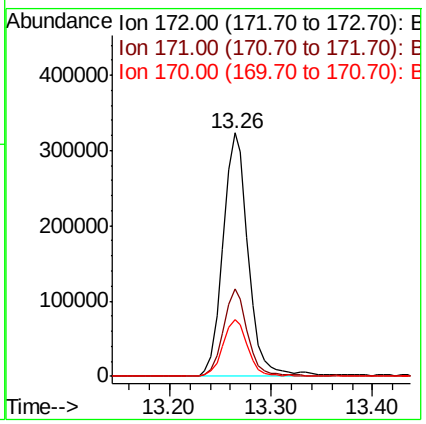


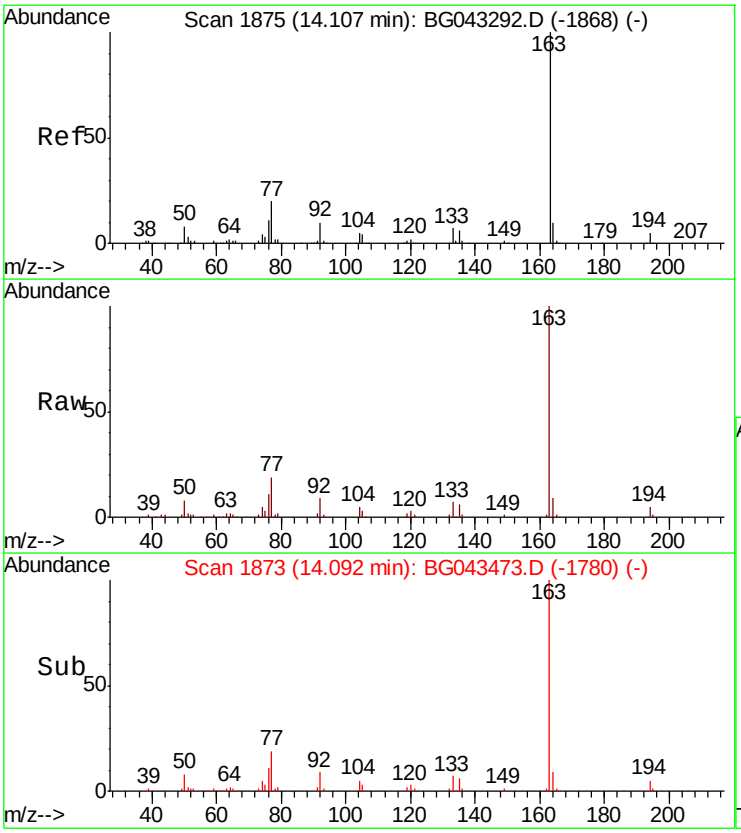
#45
2-Fluorobiphenyl
Concen: 62.531 ng
RT: 13.26 min Scan# 1732
Delta R.T. 0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Tgt Ion:172 Resp: 558386

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.1	42.1
170	23.2	18.8	28.2

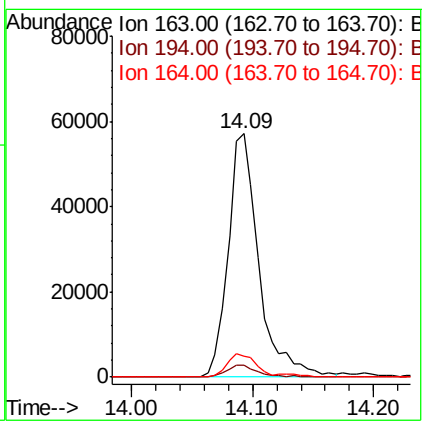


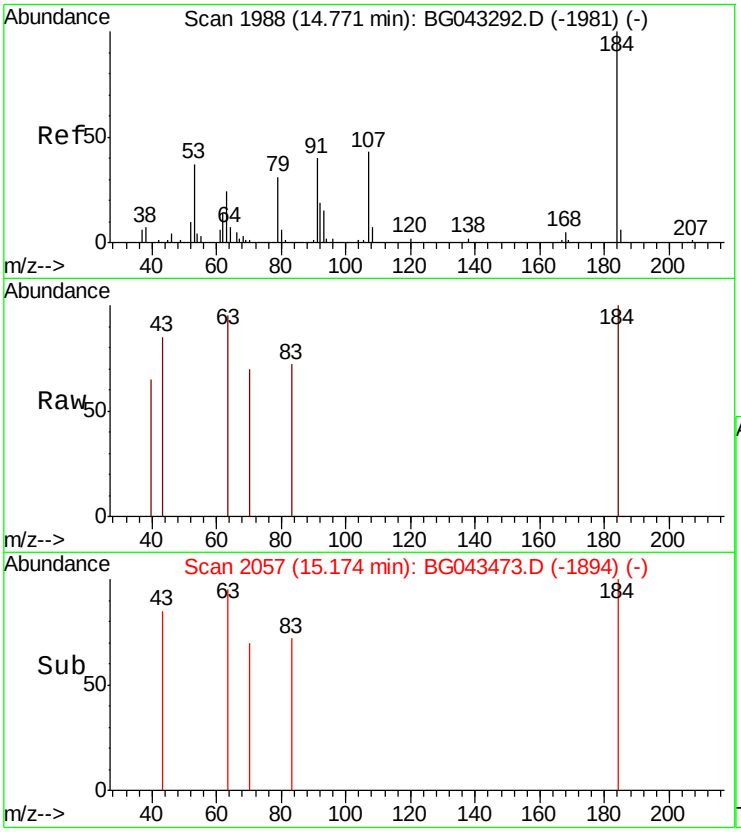


#50
Dimethylphthalate
Concen: 10.563 ng
RT: 14.09 min Scan# 1873
Delta R.T. 0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Tgt Ion:163 Resp: 100952

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	8.8	8.5	12.7



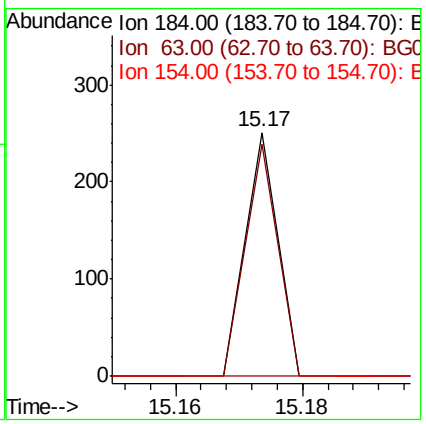


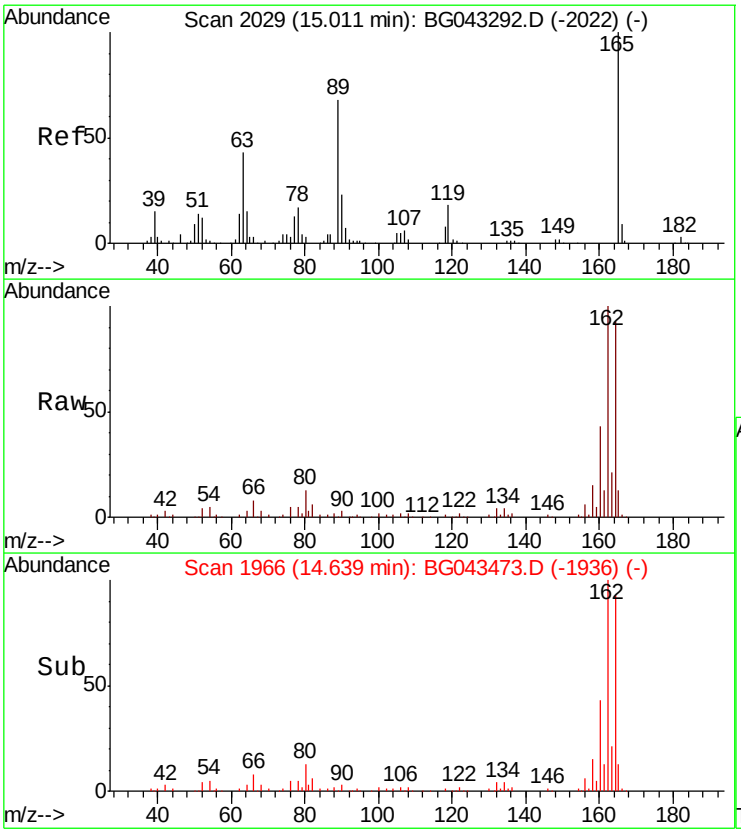
#54
2,4-Dinitrophenol
Concen: 7.344 ng
RT: 15.17 min Scan# 2057
Delta R.T. 0.43 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Tgt Ion:184 Resp: 88

Ion	Ratio	Lower	Upper
184	100		
63	95.2	59.0	88.4#
154	0.0	57.4	86.2#

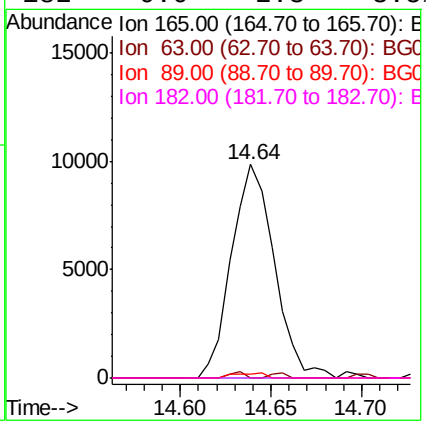


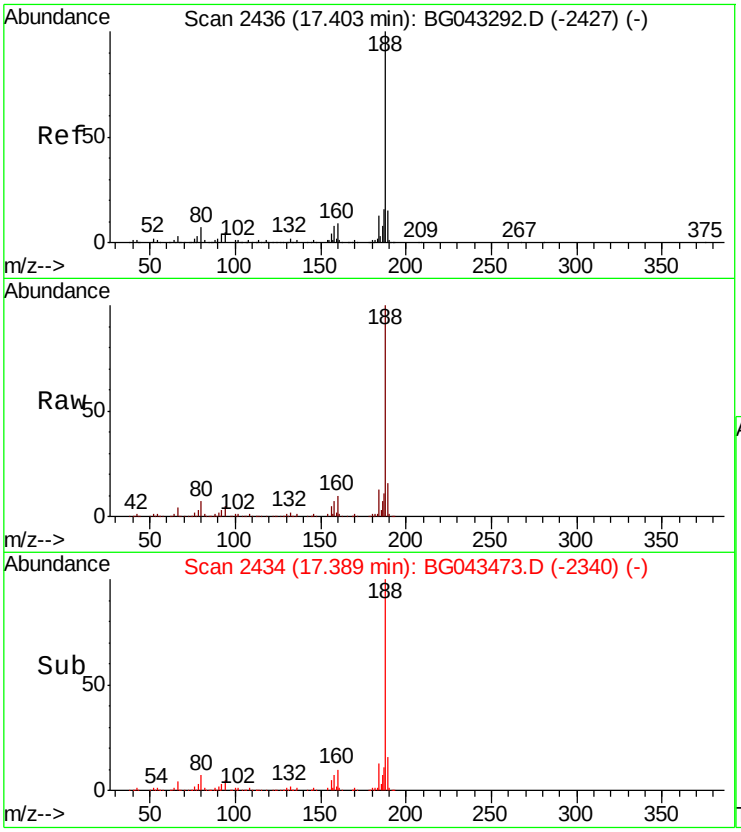


#57
2,4-Dinitrotoluene
Concen: 5.472 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.35 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Tgt Ion:165 Resp: 16238

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.4	56.0#
89	1.9	50.9	76.3#
182	0.0	2.3	3.5#



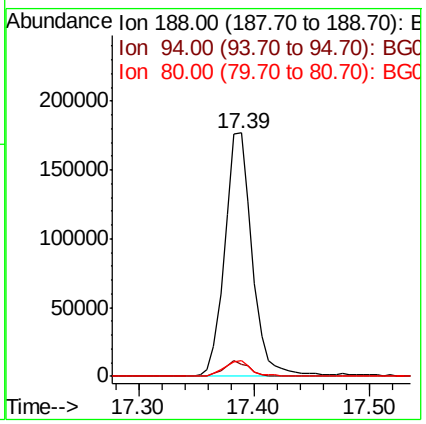


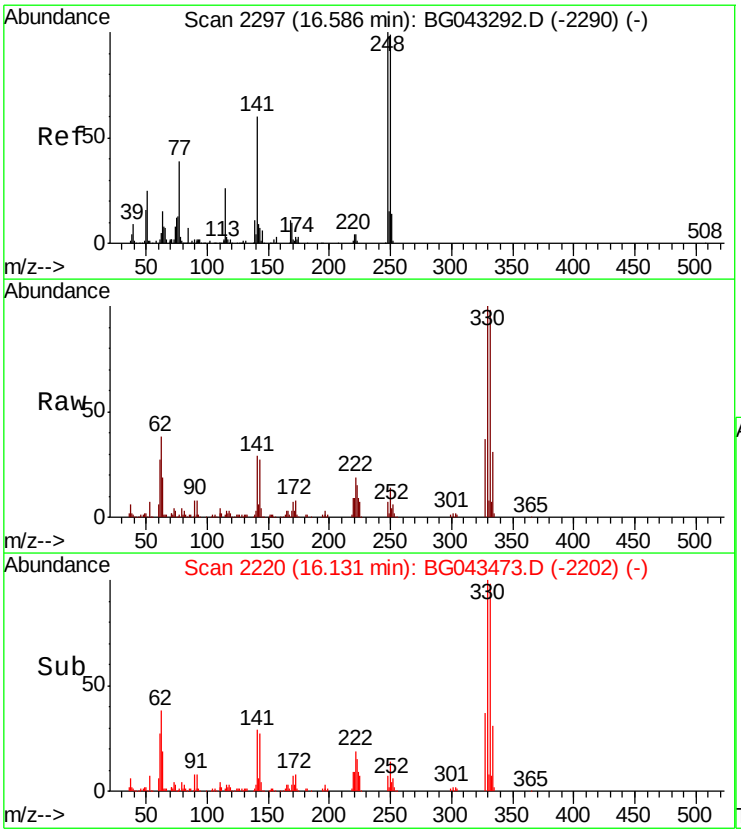
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Tgt Ion:188 Resp: 290320

Ion	Ratio	Lower	Upper
188	100		
94	5.0	4.6	7.0
80	6.5	5.2	7.8

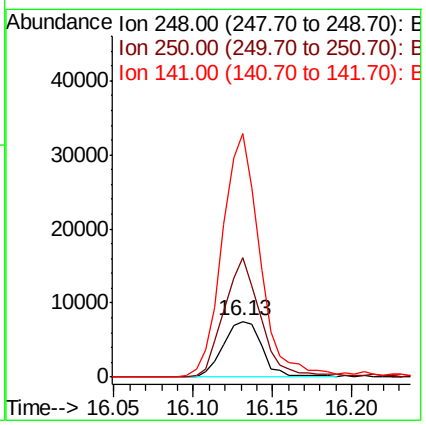


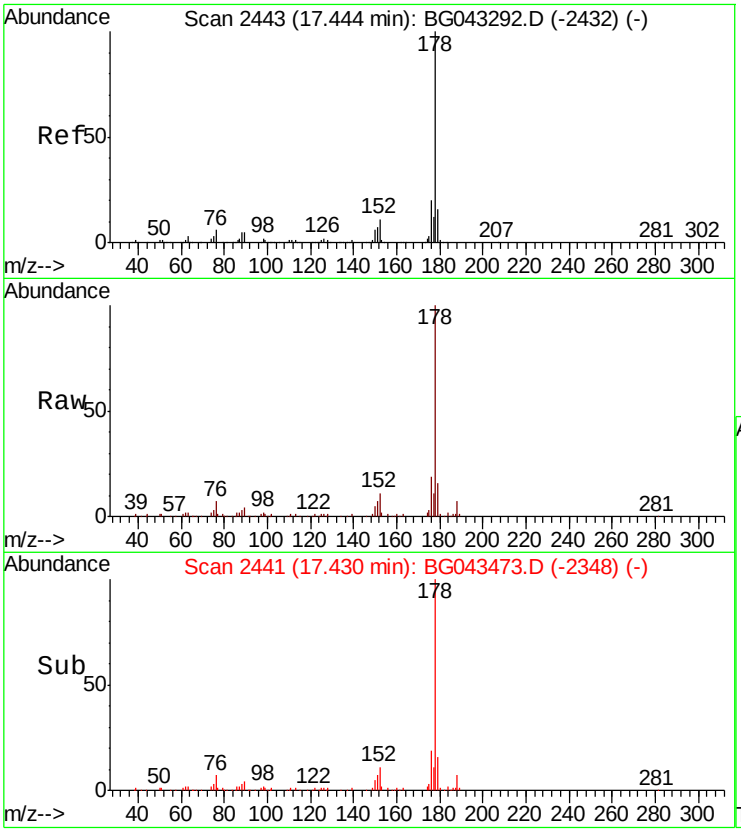


#67
4-Bromophenyl-phenylether
Concen: 3.272 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.43 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Tgt Ion:248 Resp: 12785

Ion	Ratio	Lower	Upper
248	100		
250	212.4	76.3	114.5#
141	434.8	49.5	74.3#



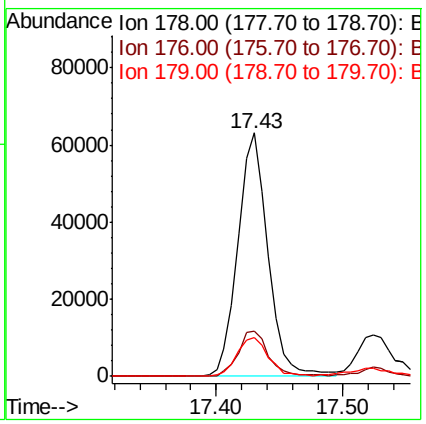


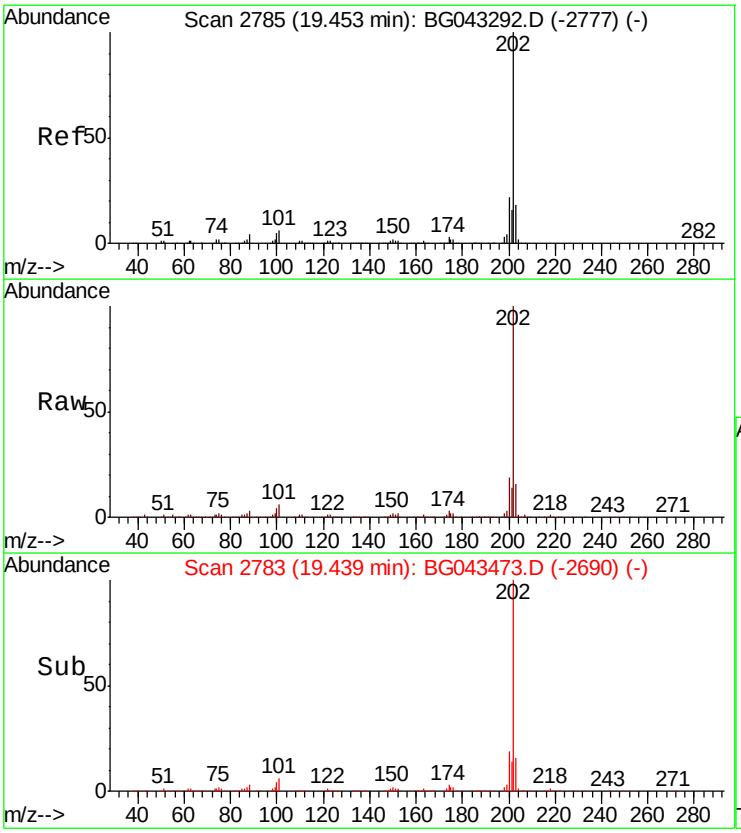
#71
Phenanthrene
Concen: 7.001 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Tgt Ion:178 Resp: 104085

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.9	13.0	19.4

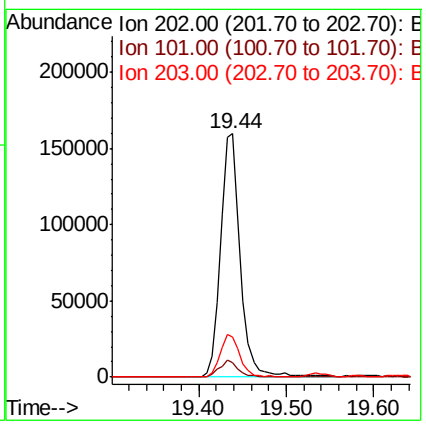


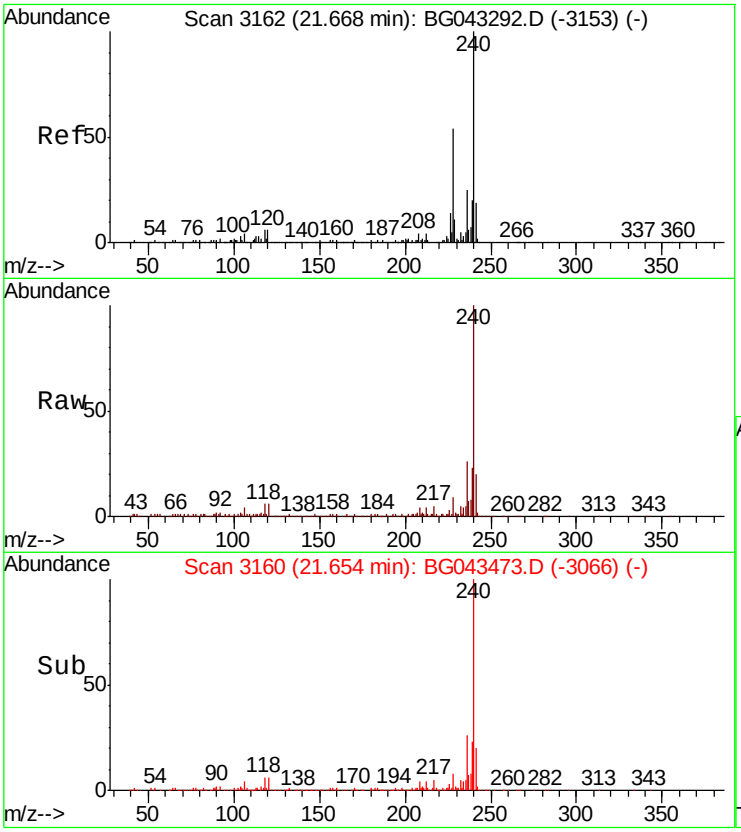


#75
Fluoranthene
Concen: 12.812 ng
RT: 19.44 min Scan# 2783
Delta R.T. 0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Tgt Ion:202 Resp: 248307

Ion	Ratio	Lower	Upper
202	100		
101	6.0	0.0	25.6
203	16.4	0.0	37.6



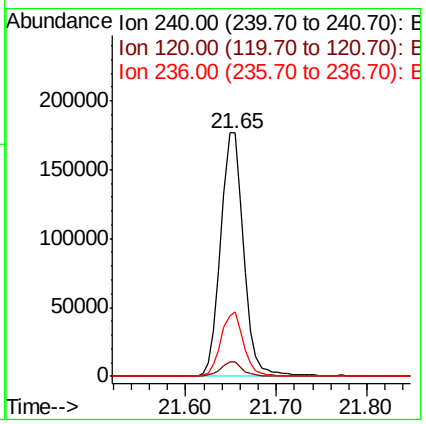


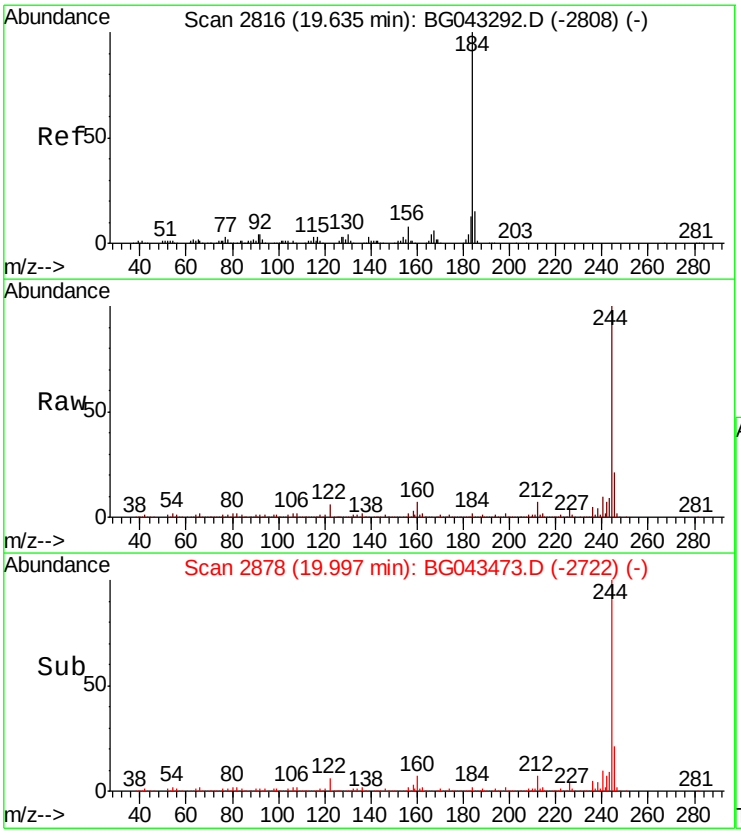
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Tgt Ion:240 Resp: 313546

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.9	7.3
236	26.4	21.4	32.0

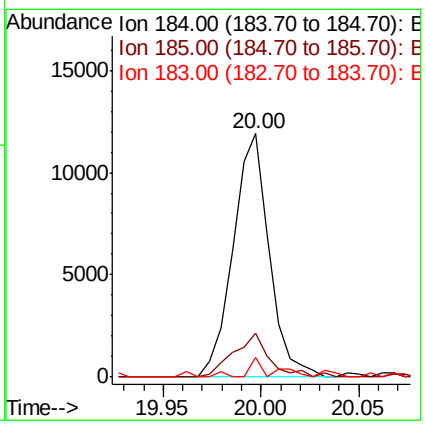


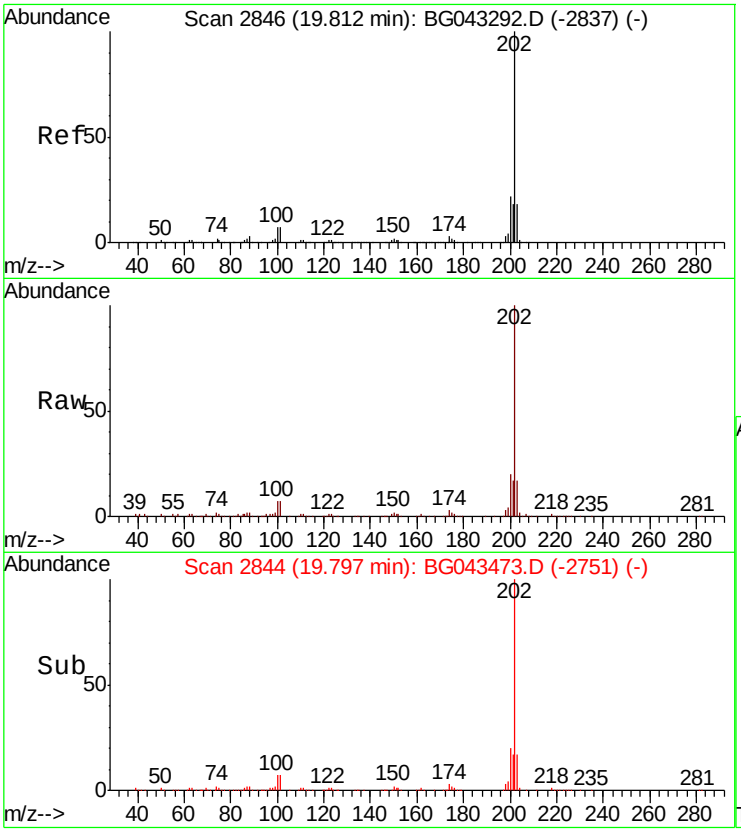


#77
Benzidine
Concen: 2.409 ng
RT: 20.00 min Scan# 2878
Delta R.T. 0.39 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Tgt Ion:184 Resp: 15202

Ion	Ratio	Lower	Upper
184	100		
185	18.3	12.7	19.1
183	8.2	8.8	13.2#



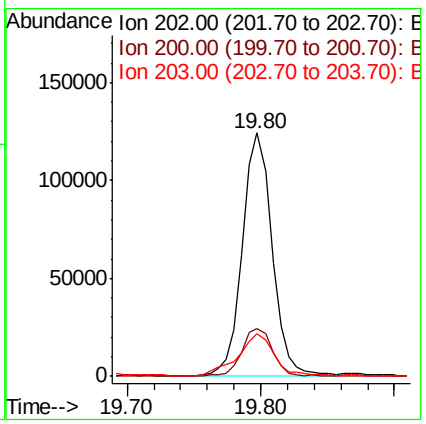


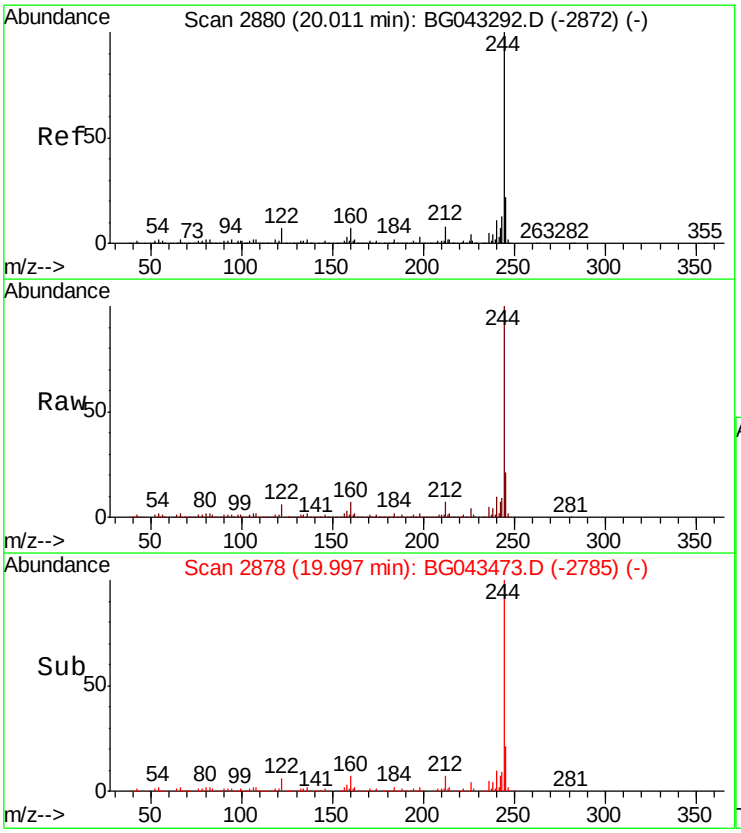
#78
Pyrene
Concen: 9.830 ng
RT: 19.80 min Scan# 2844
Delta R.T. 0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Tgt Ion:202 Resp: 190777

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.9	25.3
203	17.5	14.8	22.2

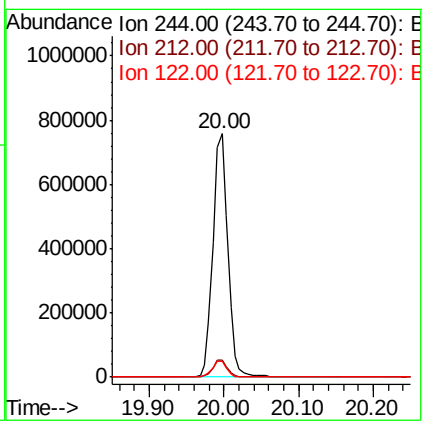


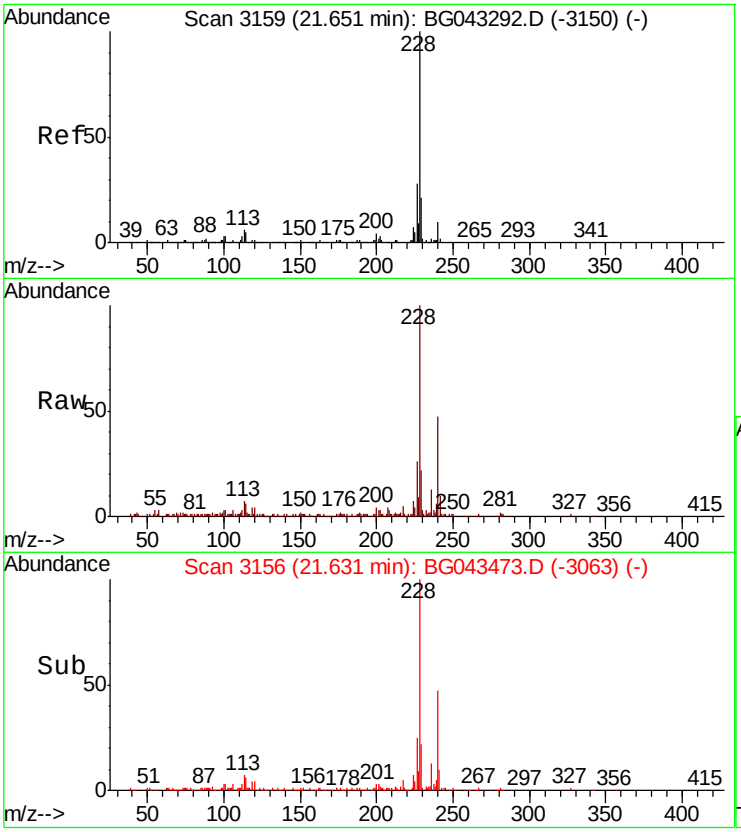


#79
Terphenyl-d14
Concen: 62.901 ng
RT: 20.00 min Scan# 2878
Delta R.T. 0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Tgt Ion:244 Resp: 1051268

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	6.5	5.2	7.8



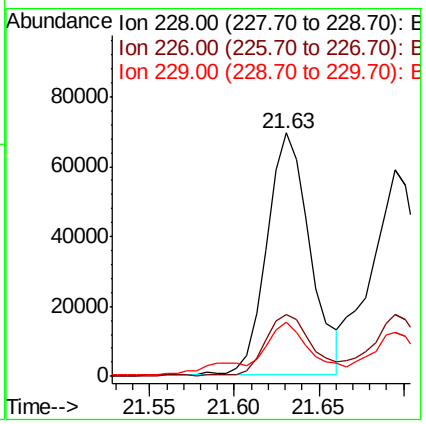


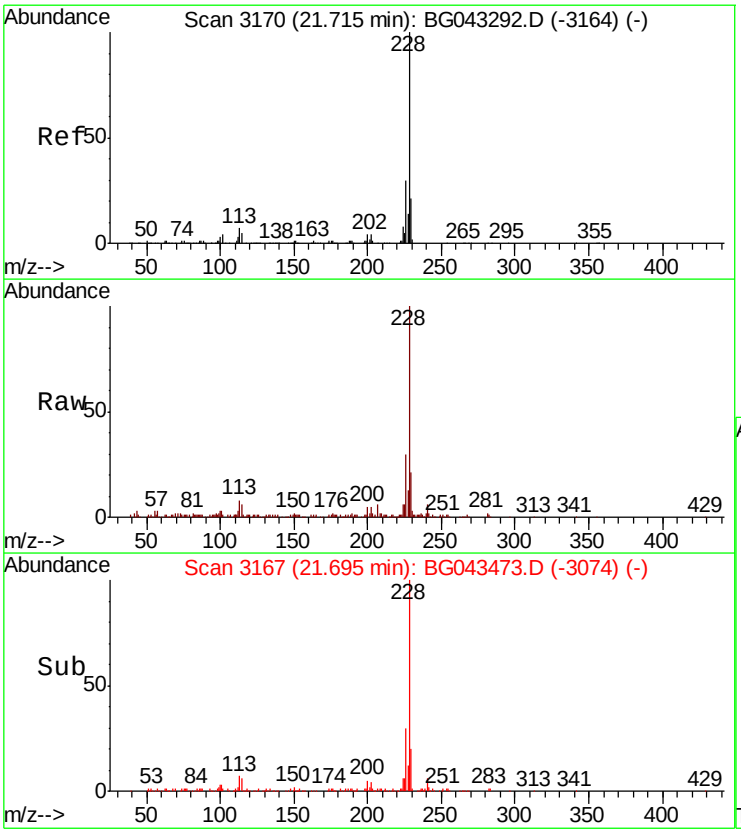
#81
Benzo(a)anthracene
Concen: 6.287 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Tgt Ion:228 Resp: 123471

Ion	Ratio	Lower	Upper
228	100		
226	25.6	21.8	32.6
229	22.1	15.9	23.9

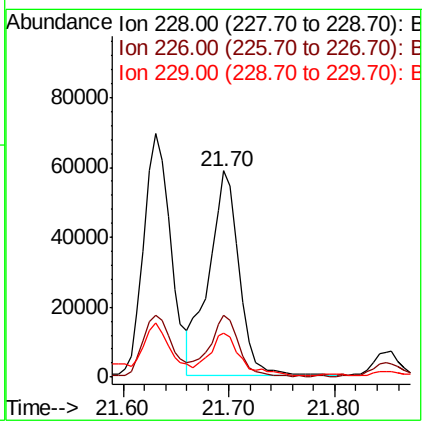


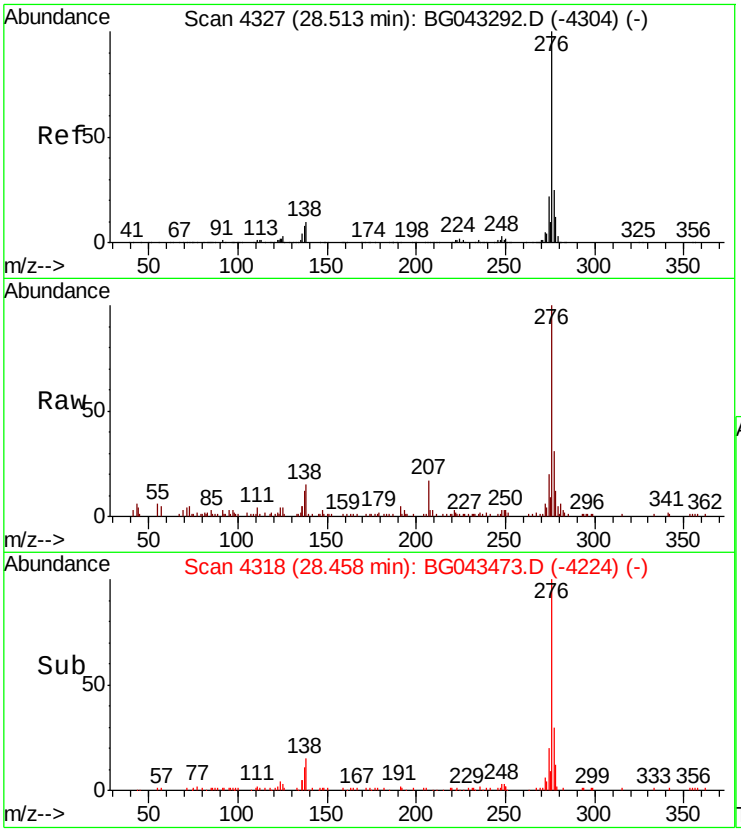


#83
Chrysene
Concen: 6.059 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Tgt Ion:228 Resp: 118241

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.3	34.9
229	21.4	16.5	24.7



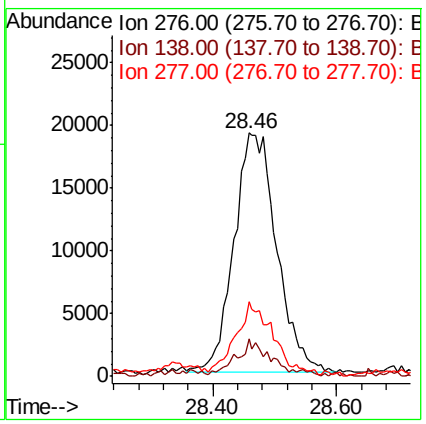


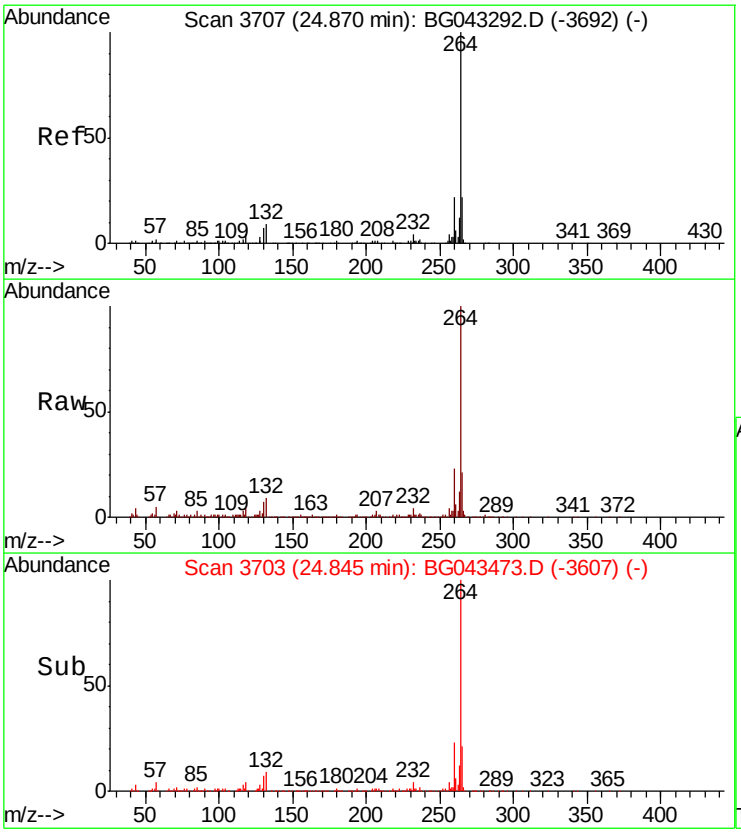
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.747 ng
RT: 28.46 min Scan# 4318
Delta R.T. 0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Tgt Ion:276 Resp: 91787

Ion	Ratio	Lower	Upper
276	100		
138	10.3	11.3	16.9#
277	25.9	20.6	31.0

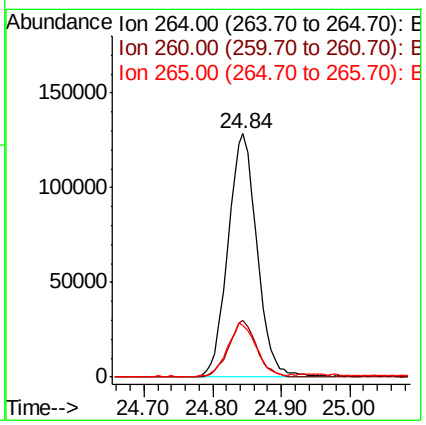


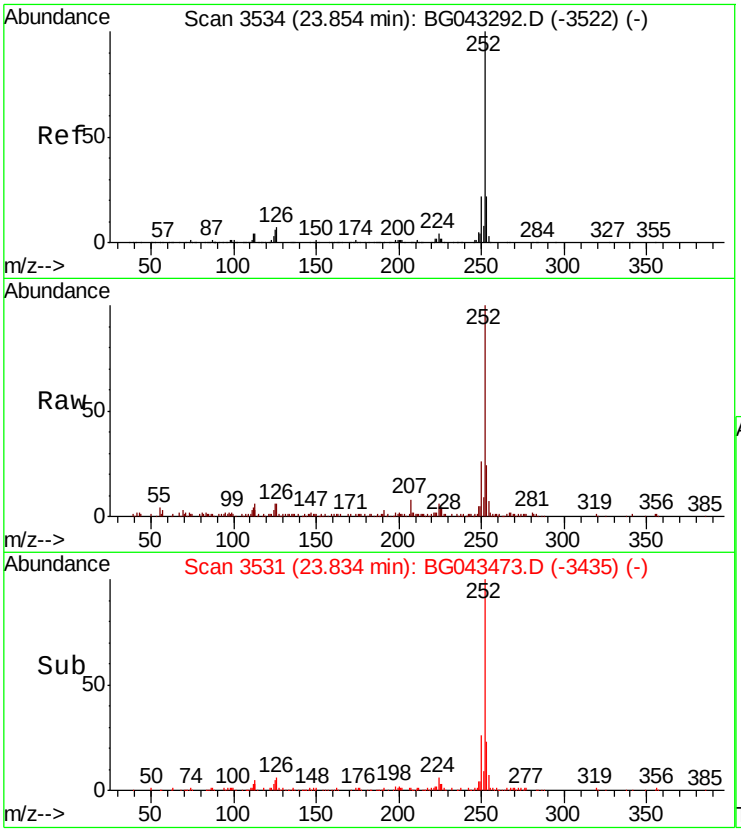


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3703
Delta R.T. 0.03 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Tgt Ion:264 Resp: 377266

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	21.4	15.8	23.8



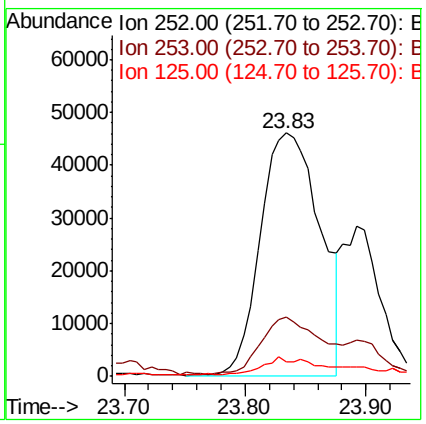


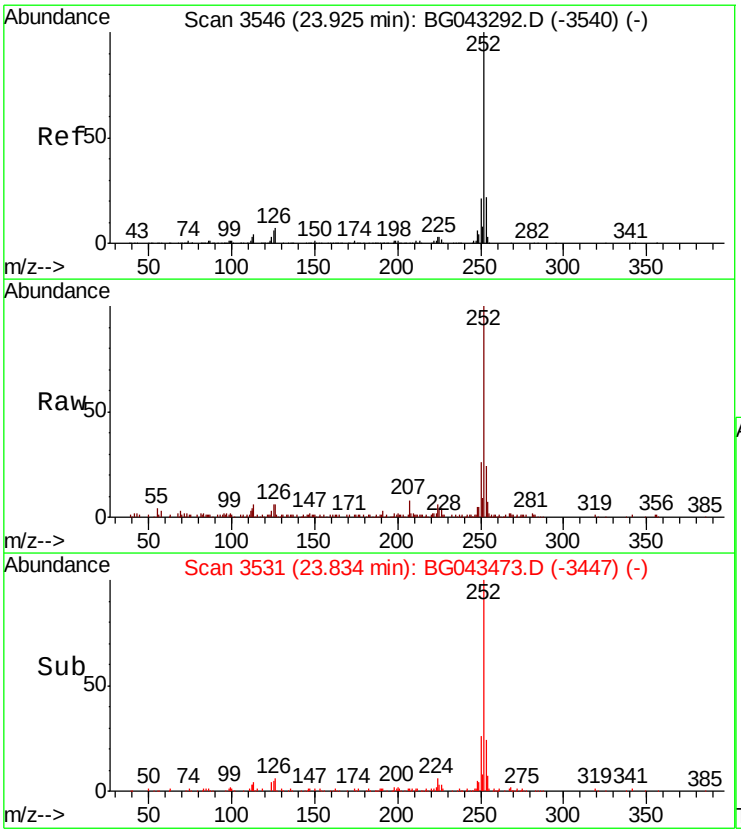
#88
Benzo(b)fluoranthene
Concen: 7.363 ng
RT: 23.83 min Scan# 3531
Delta R.T. 0.03 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Tgt Ion:252 Resp: 157334

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.7	26.5
125	6.2	4.5	6.7

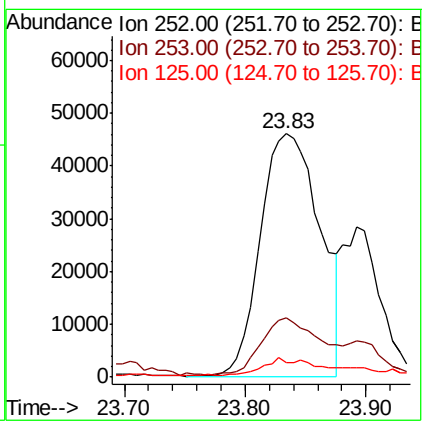


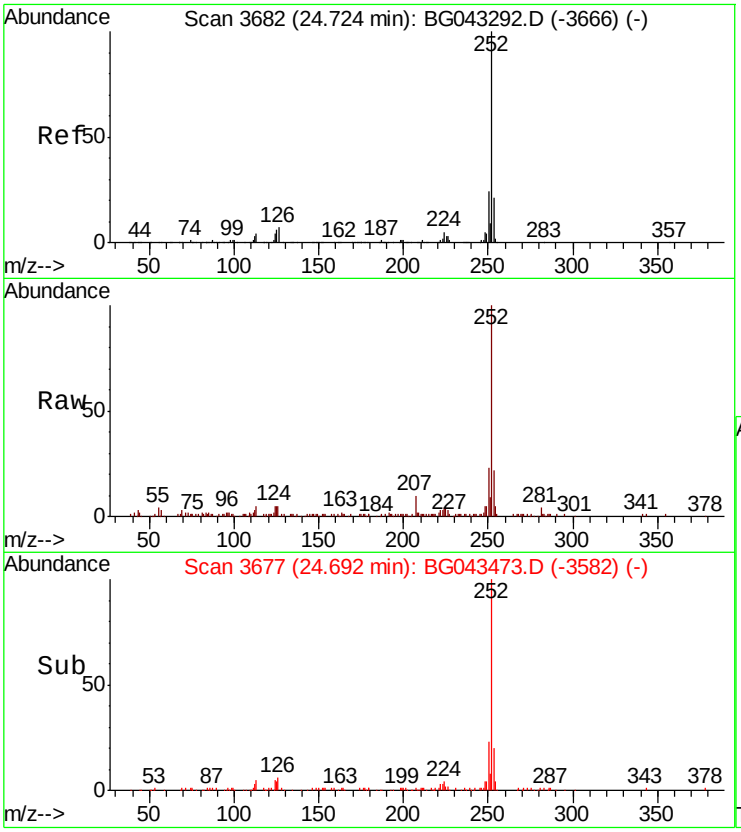


#89
Benzo(k)fluoranthene
Concen: 7.314 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.04 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Tgt Ion:252 Resp: 157334

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	6.2	4.7	7.1



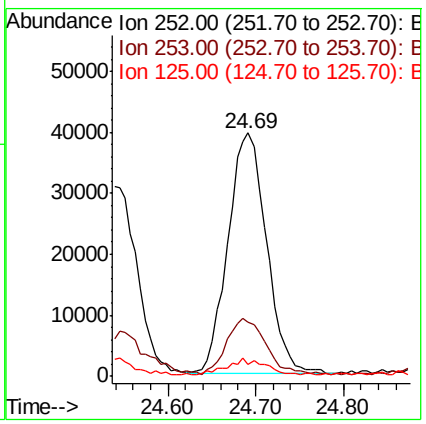


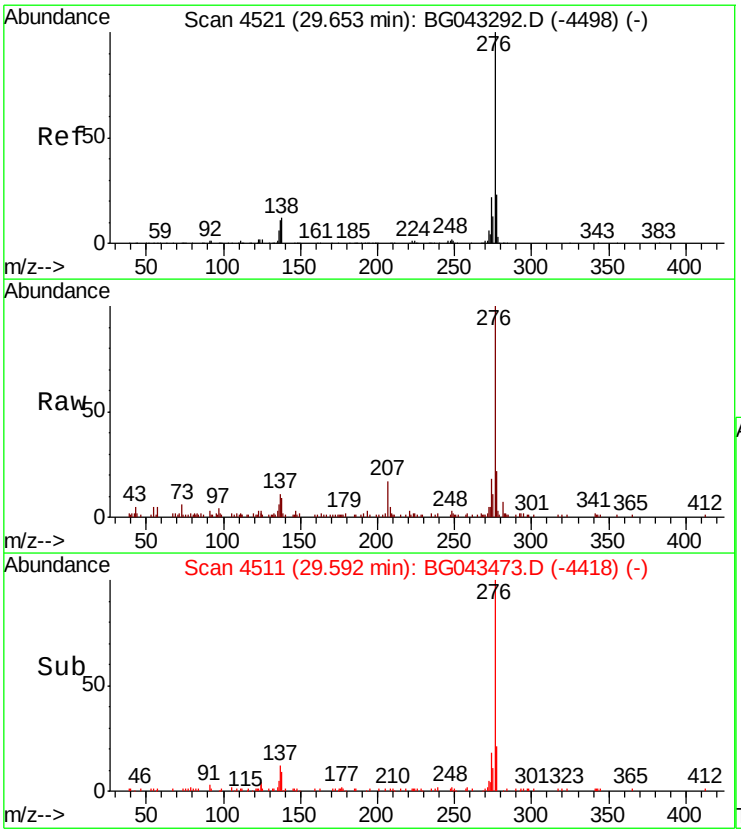
#90
Benzo(a)pyrene
Concen: 5.796 ng
RT: 24.69 min Scan# 3677
Delta R.T. 0.03 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Tgt Ion:252 Resp: 118267

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	5.0	5.0	7.6#





#92
Benzo(g,h,i)perylene
Concen: 4.761 ng
RT: 29.59 min Scan# 4511
Delta R.T. 0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Tgt Ion:276 Resp: 98015

Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.8	29.6
138	9.4	9.7	14.5#