Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
Data File : BG042480.D
Acq On : 25 Aug 2019 16:25
Operator : HP/JU
Sample : K4493-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 26 06:33:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	47883	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	188817	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	140184	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	341959	20.00	ng		0.00
76) Chrysene-d12	21.69	240	349086	20.00	ng		0.00
87) Perylene-d12	24.93	264	409234	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	240547	101.74	ng		0.00
7) Phenol-d6	7.16	99	332173	104.01	ng		0.00
23) Nitrobenzene-d5	9.17	82	187398	68.58	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	206256	103.52	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	555535	67.02	ng		0.00
79) Terphenyl-d14	20.02	244	991715	61.42	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.17	70	23494	11.355	ng	#	75
50) Dimethylphthalate	14.11	163	95525	9.444	ng		98
57) 2,4-Dinitrotoluene	14.66	165	18046	5.375	ng	#	40
67) 4-Bromophenyl-phenylether	16.15	248	14569	3.359	ng	#	1
71) Phenanthrene	17.46	178	51364	3.024	ng		97
75) Fluoranthene	19.47	202	113968	5.498	ng		98
78) Pyrene	19.83	202	93794	4.382	ng		96
81) Benzo(a)anthracene	21.67	228	44763	2.108	ng		98
83) Chrysene	21.73	228	50842	2.483	ng		98
88) Benzo(b)fluoranthene	23.91	252	74214	3.299	ng	#	98
89) Benzo(k)fluoranthene	23.91	252	74214	3.432	ng	#	98
90) Benzo(a)pyrene	24.78	252	52070	2.439	ng		96

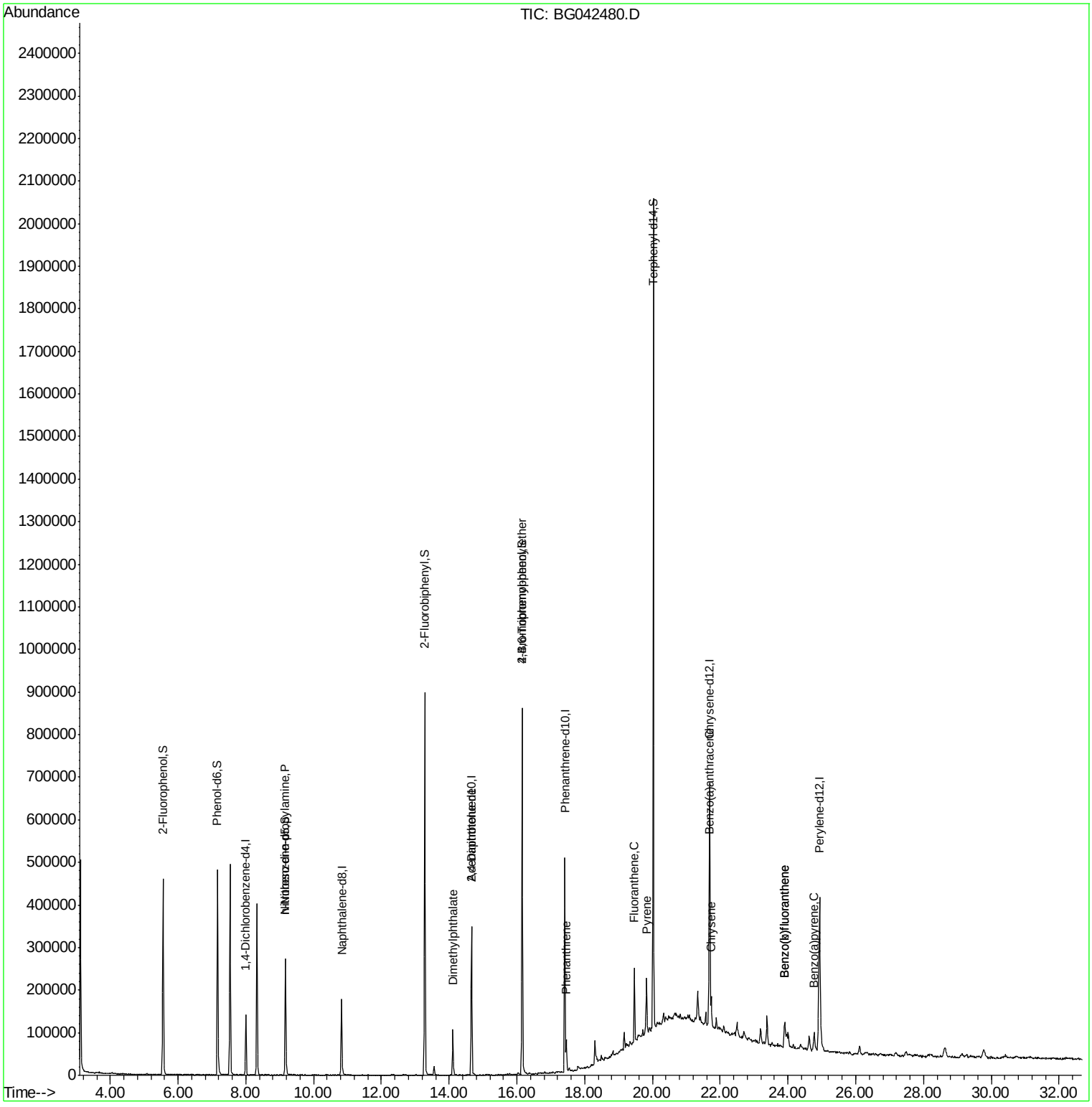
(#) = qualifier out of range (m) = manual integration (+) = signals summed

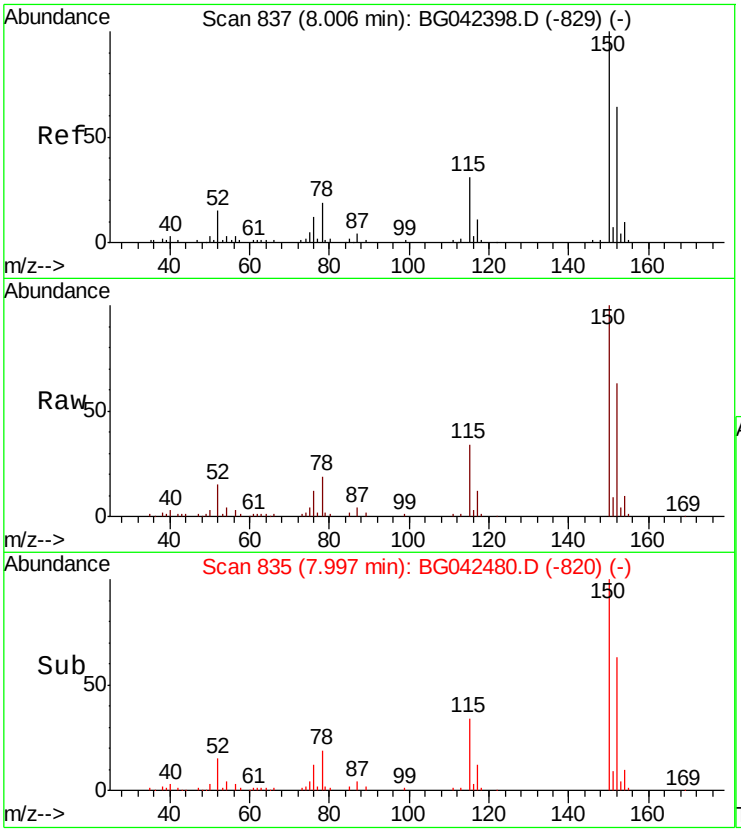
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
Data File : BG042480.D
Acq On : 25 Aug 2019 16:25
Operator : HP/JU
Sample : K4493-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 26 06:33:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration



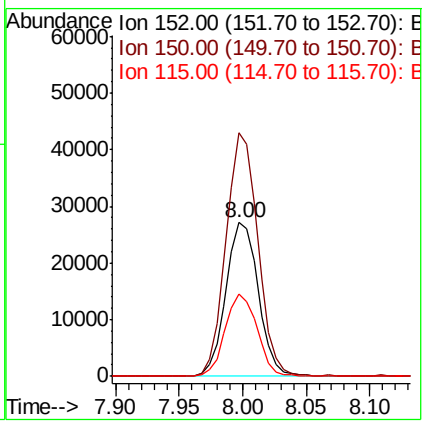


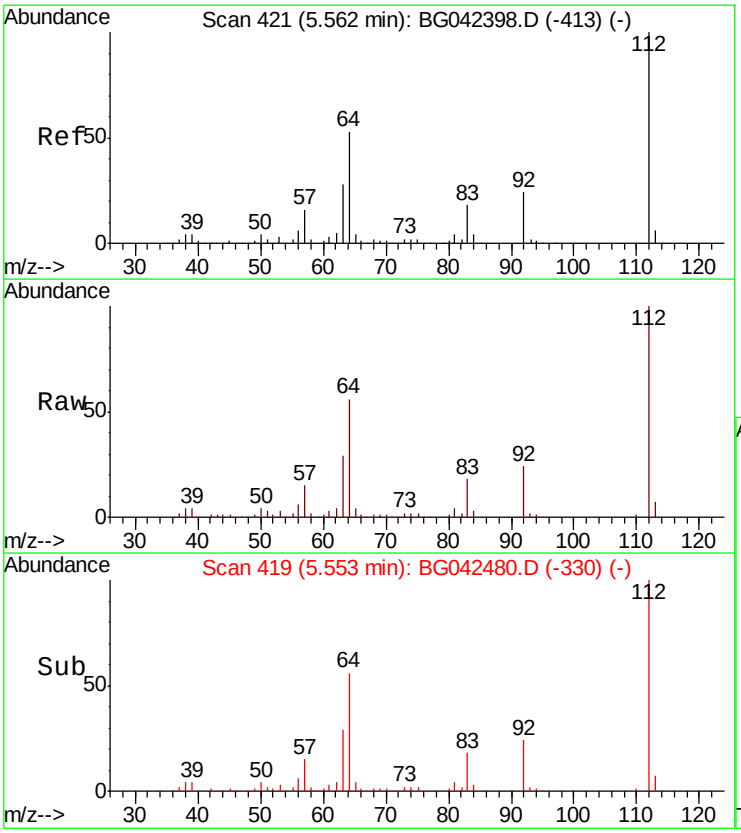
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 47883

Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.4	188.0
115	53.3	38.5	57.7

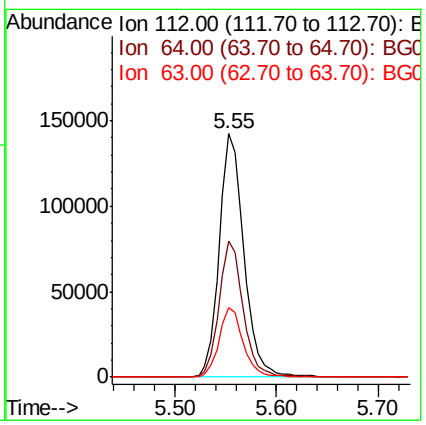


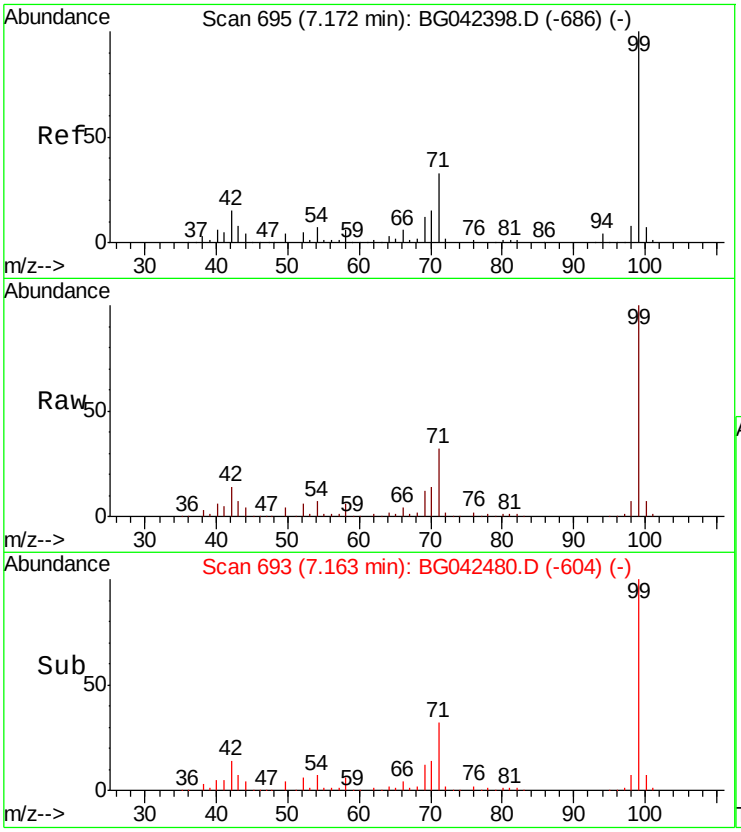


#5
2-Fluorophenol
Concen: 101.743 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Tgt Ion:112 Resp: 240547

Ion	Ratio	Lower	Upper
112	100		
64	56.1	42.8	64.2
63	28.8	22.7	34.1



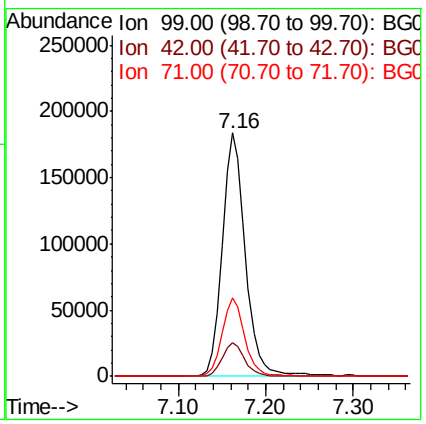


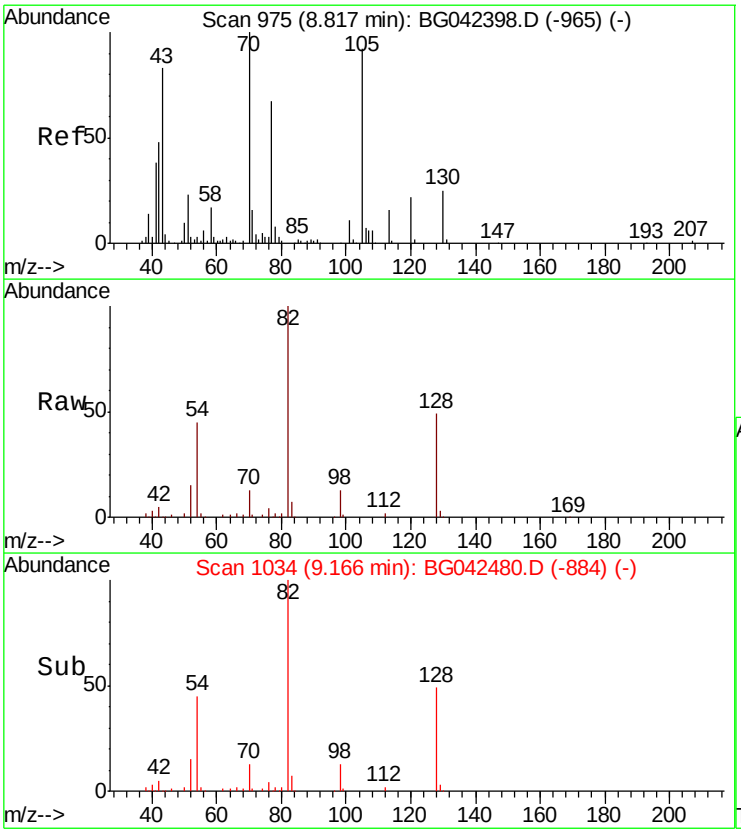
#7
Phenol-d6
Concen: 104.013 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 332173

Ion	Ratio	Lower	Upper
99	100		
42	13.9	12.0	18.0
71	32.3	26.3	39.5

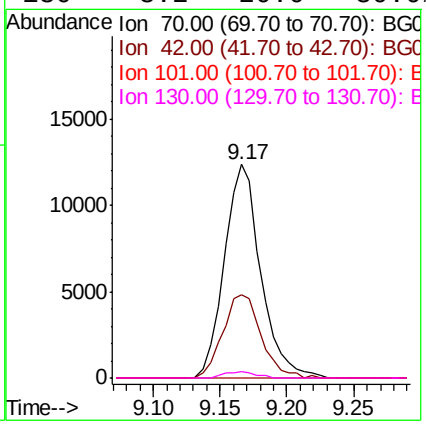


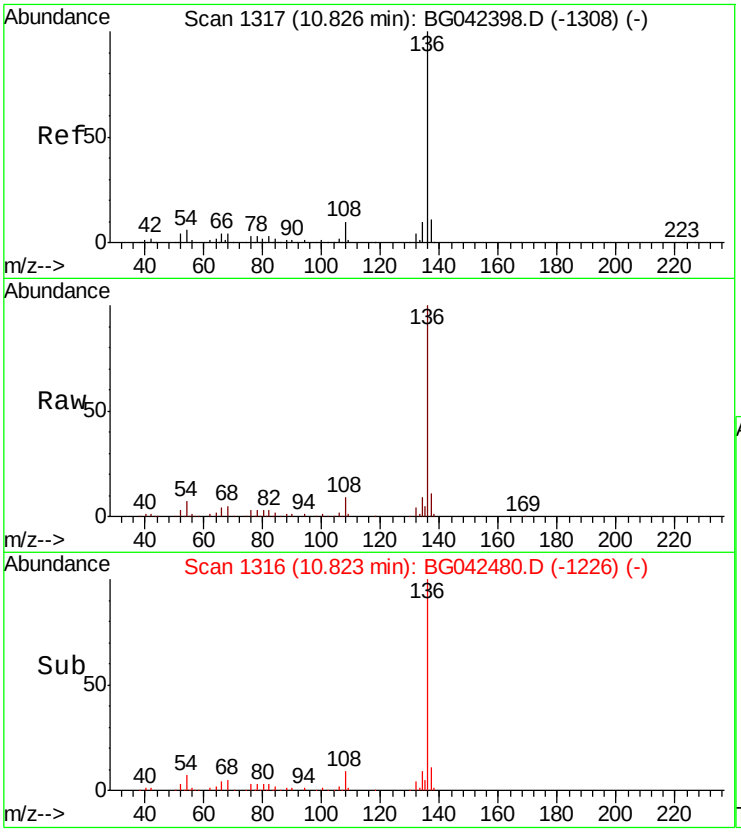


#19
n-Nitroso-di-n-propylamine
Concen: 11.355 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Tgt Ion: 70 Resp: 23494

Ion	Ratio	Lower	Upper
70	100		
42	38.9	38.8	58.2
101	0.0	9.0	13.6#
130	3.2	20.0	30.0#



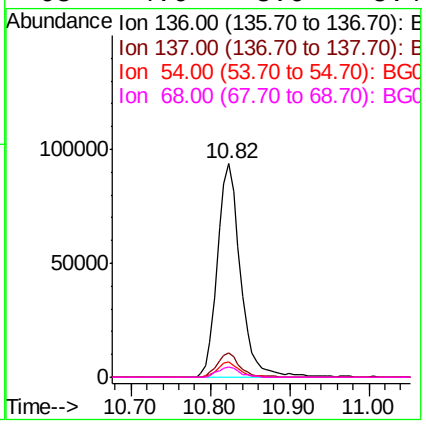


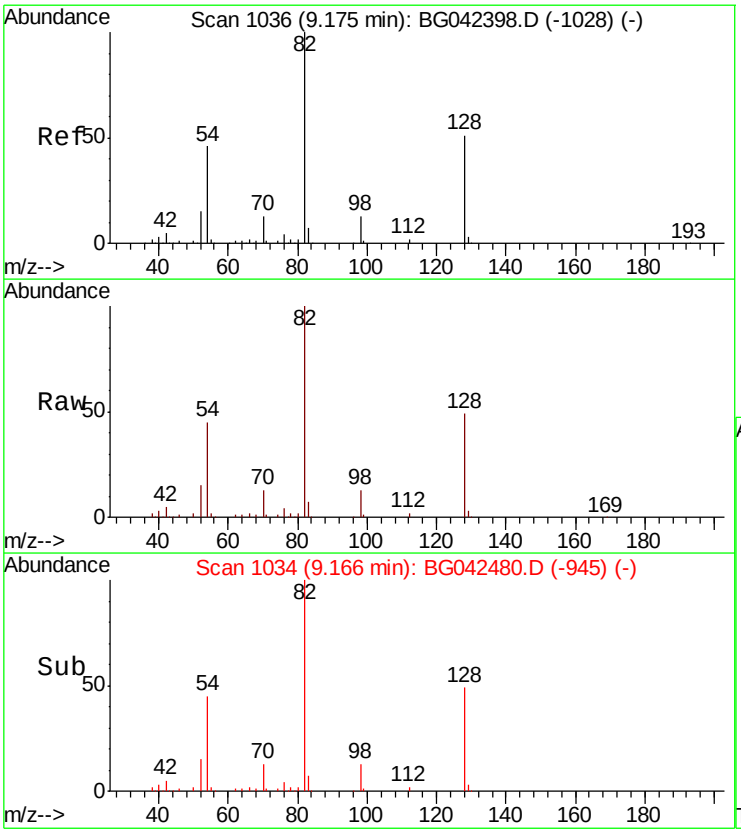
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 188817

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.3	4.9	7.3
68	4.6	3.6	5.4

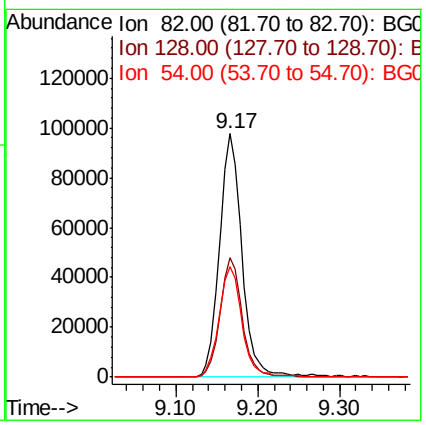


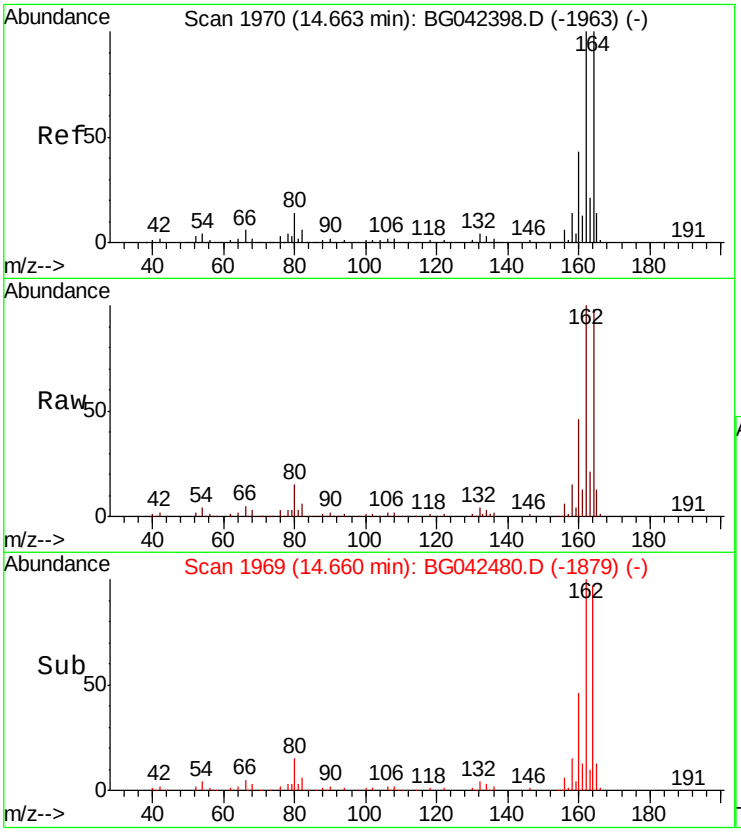


#23
Nitrobenzene-d5
Concen: 68.585 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Tgt Ion: 82 Resp: 187398

Ion	Ratio	Lower	Upper
82	100		
128	49.1	40.7	61.1
54	45.4	36.3	54.5



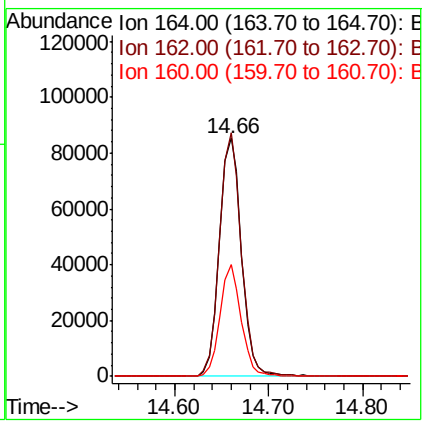


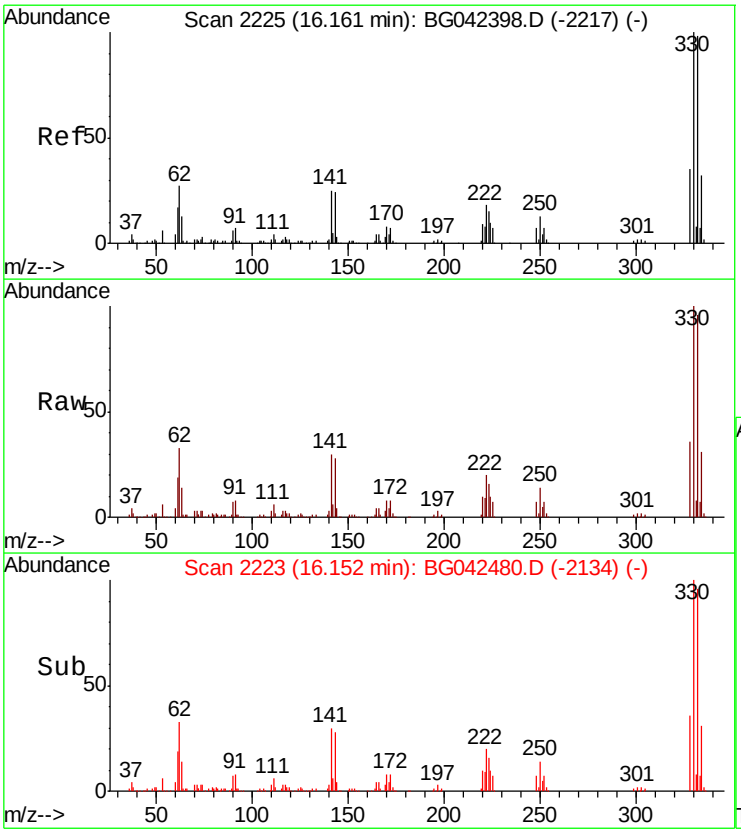
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 140184

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.9	119.9
160	47.1	34.3	51.5

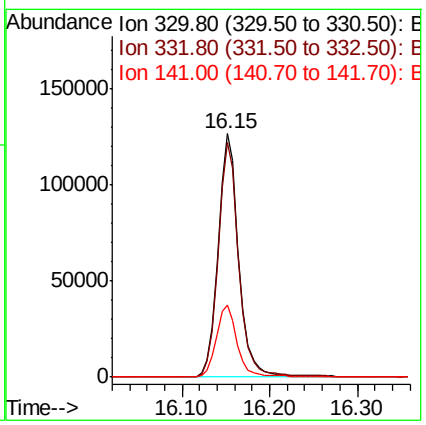


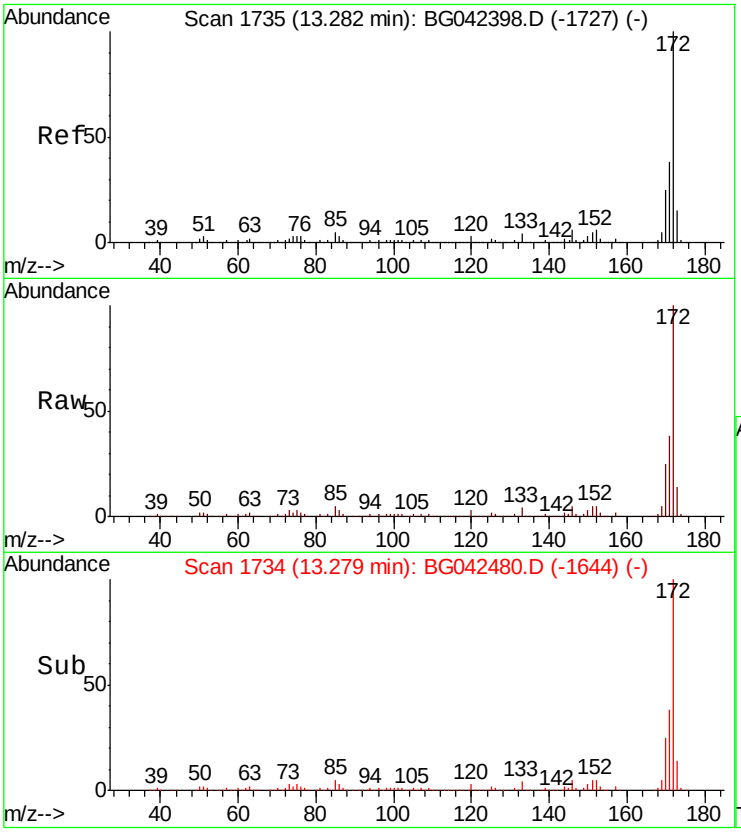


#42
2,4,6-Tribromophenol
Concen: 103.517 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Tgt Ion:330 Resp: 206256

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	30.1	21.4	32.0



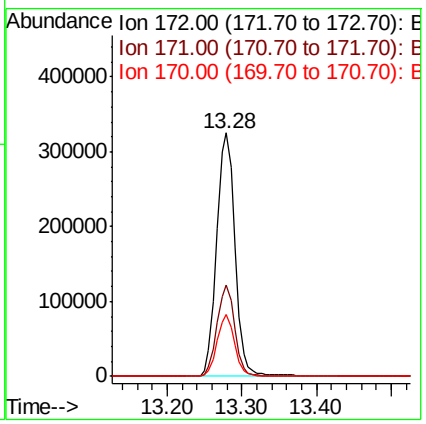


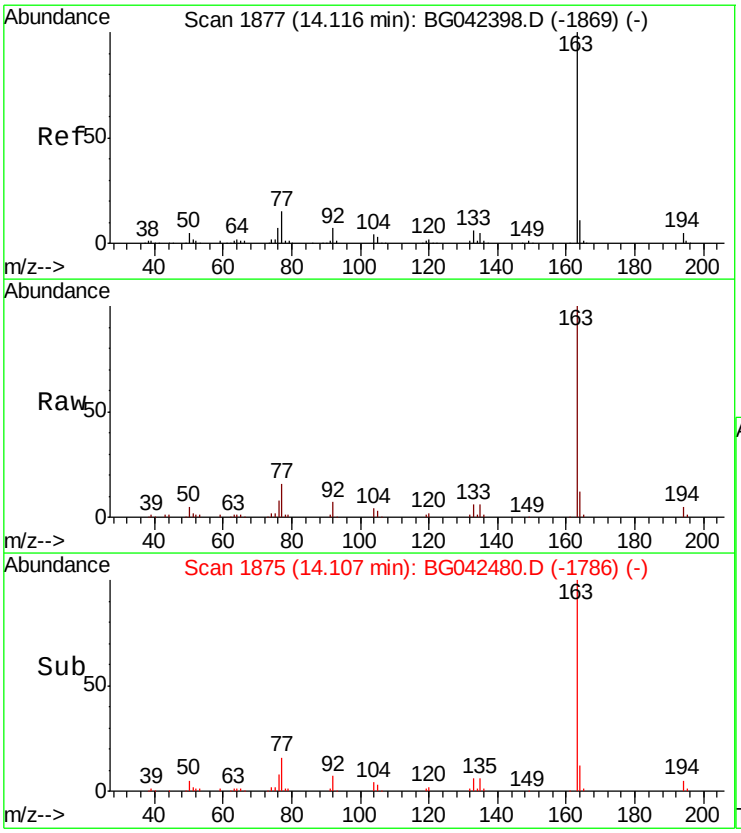
#45
2-Fluorobiphenyl
Concen: 67.024 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 555535

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	25.2	20.2	30.2

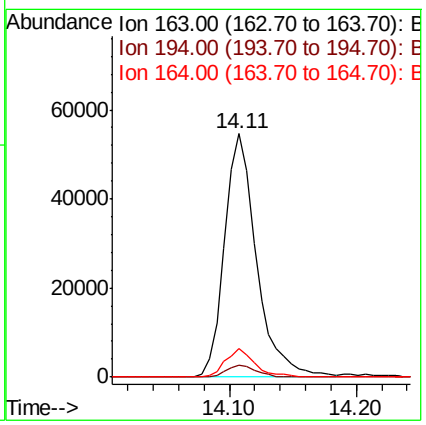


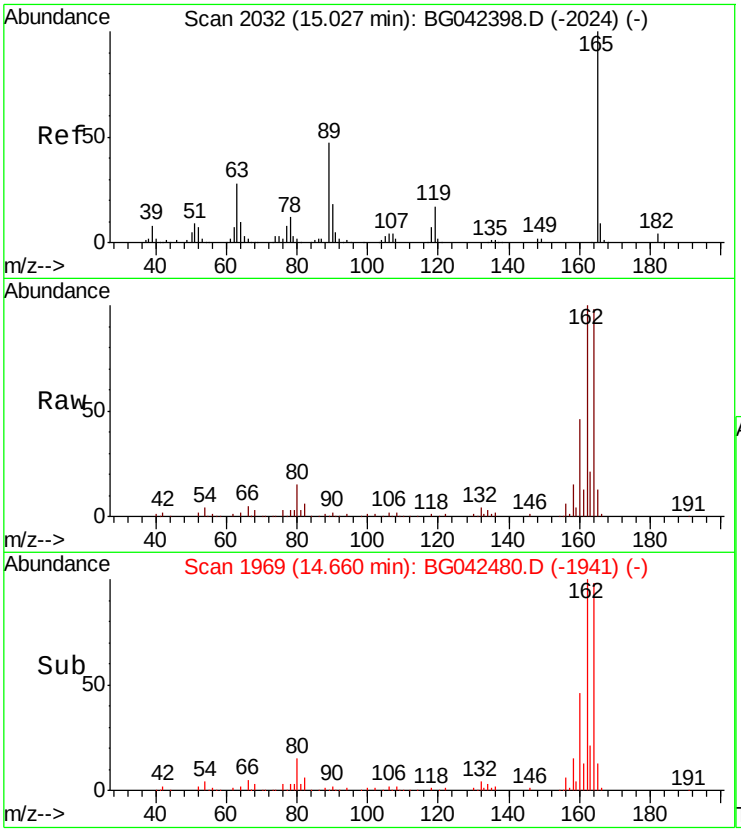


#50
Dimethylphthalate
Concen: 9.444 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Tgt Ion:163 Resp: 95525

Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.2	6.2
164	11.7	8.8	13.2



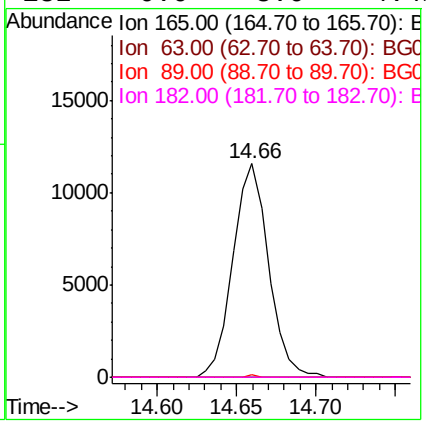


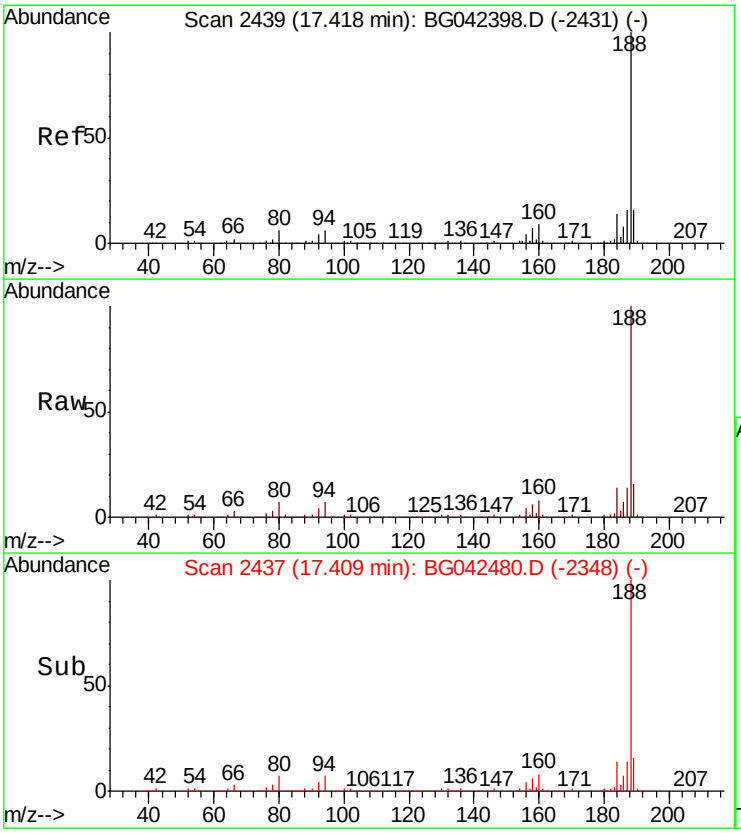
#57
2,4-Dinitrotoluene
Concen: 5.375 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18046

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	1.5	37.8	56.6#
182	0.0	3.0	4.4#

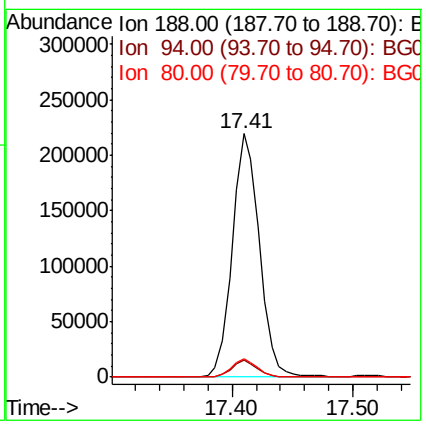


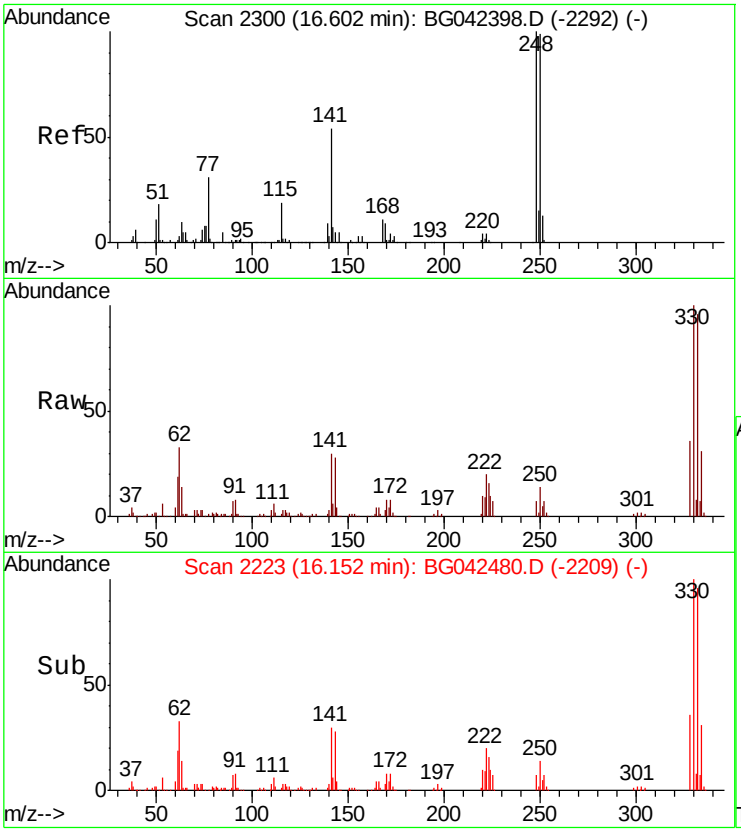


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Tgt Ion:188 Resp: 341959

Ion	Ratio	Lower	Upper
188	100		
94	6.8	4.5	6.7#
80	7.3	4.9	7.3



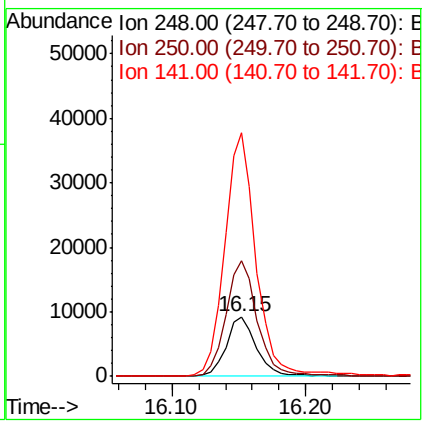


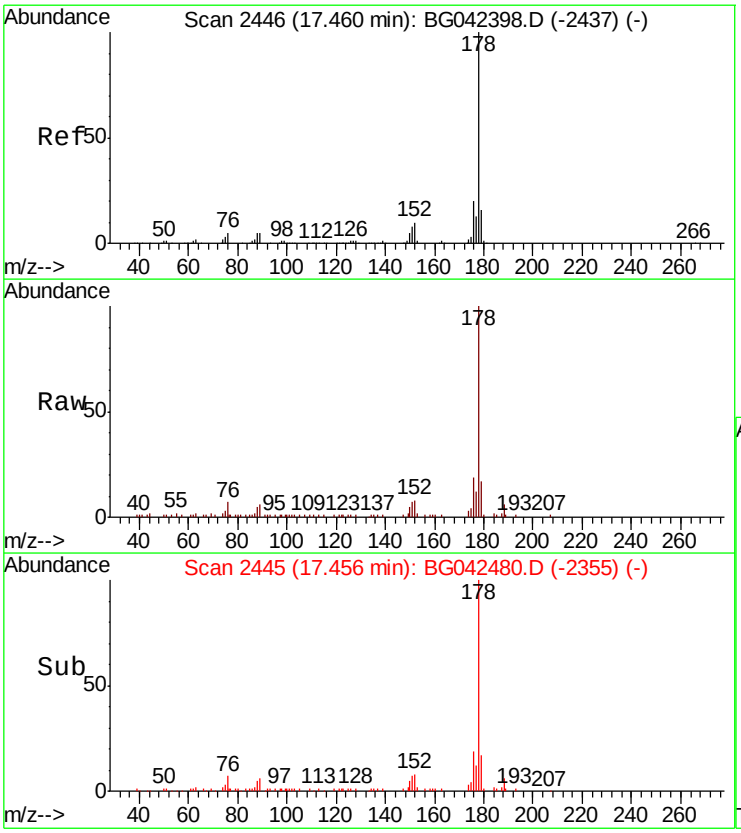
#67
4-Bromophenyl-phenylether
Concen: 3.359 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 14569

Ion	Ratio	Lower	Upper
248	100		
250	194.4	78.9	118.3#
141	410.3	43.3	64.9#

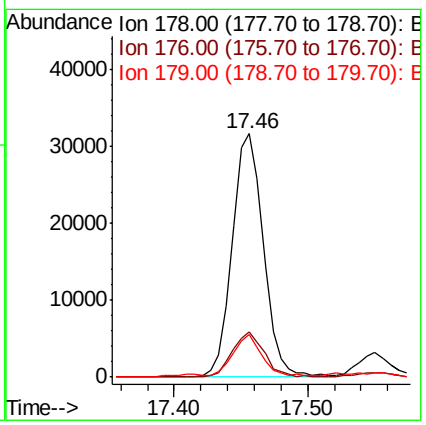


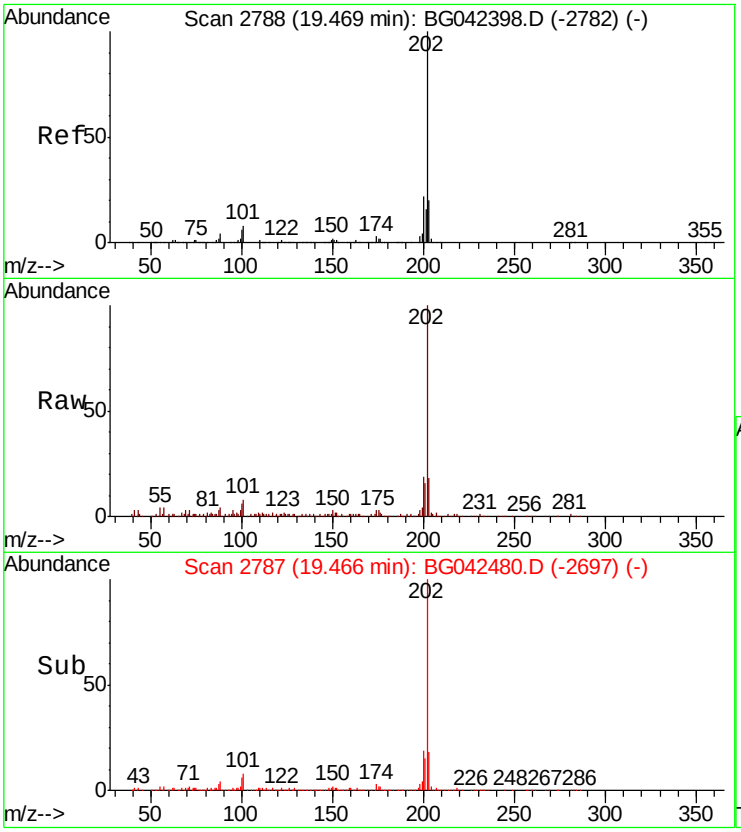


#71
Phenanthrene
Concen: 3.024 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Tgt Ion:178 Resp: 51364

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.9	23.9
179	17.4	12.7	19.1



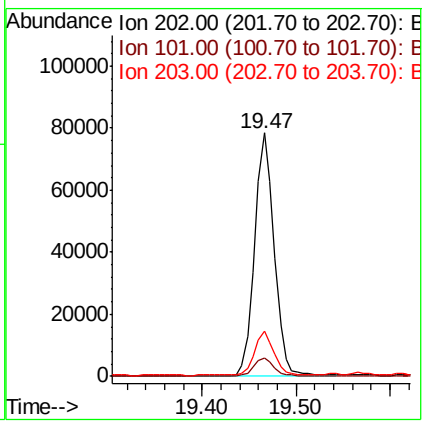


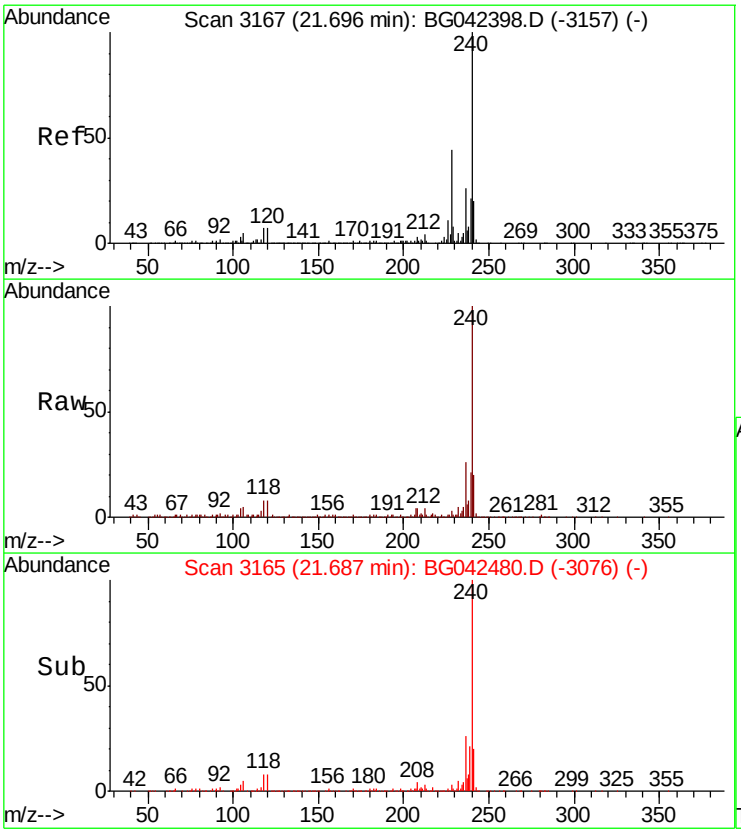
#75
Fluoranthene
Concen: 5.498 ng
RT: 19.47 min Scan# 2787
Delta R.T. -0.00 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 113968

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	28.3
203	18.4	0.0	39.6

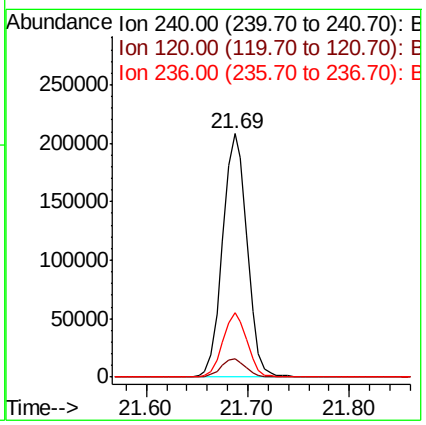


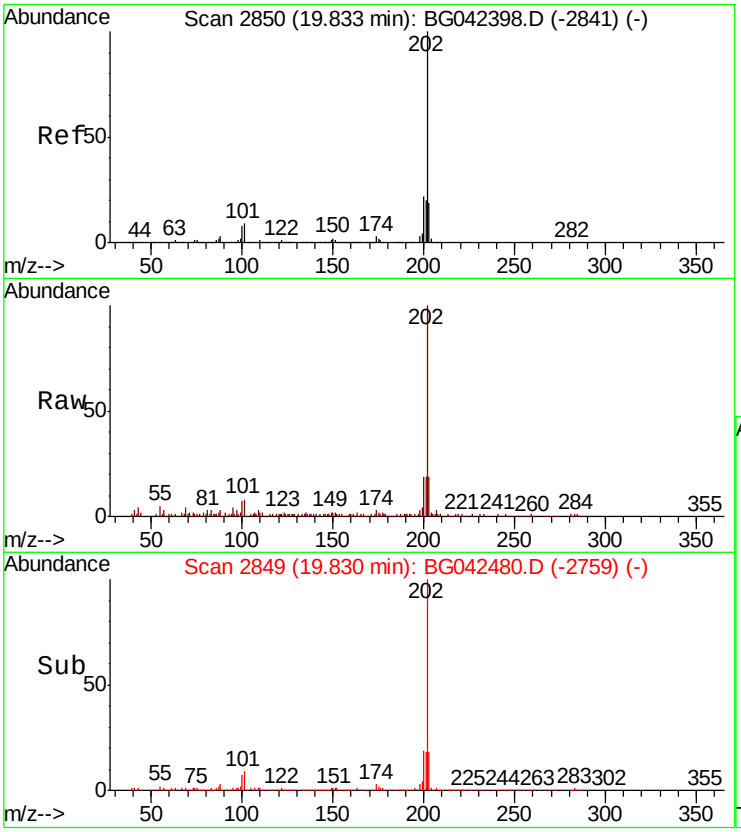


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Tgt Ion:240 Resp: 349086

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.7	8.5
236	26.4	21.0	31.4



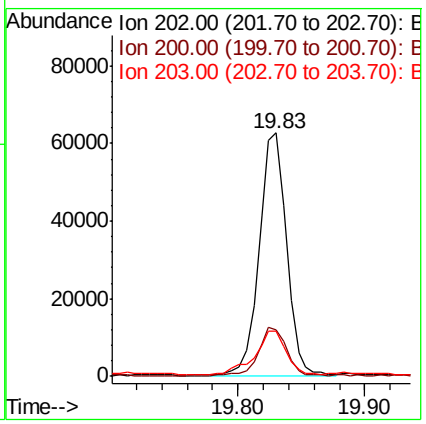


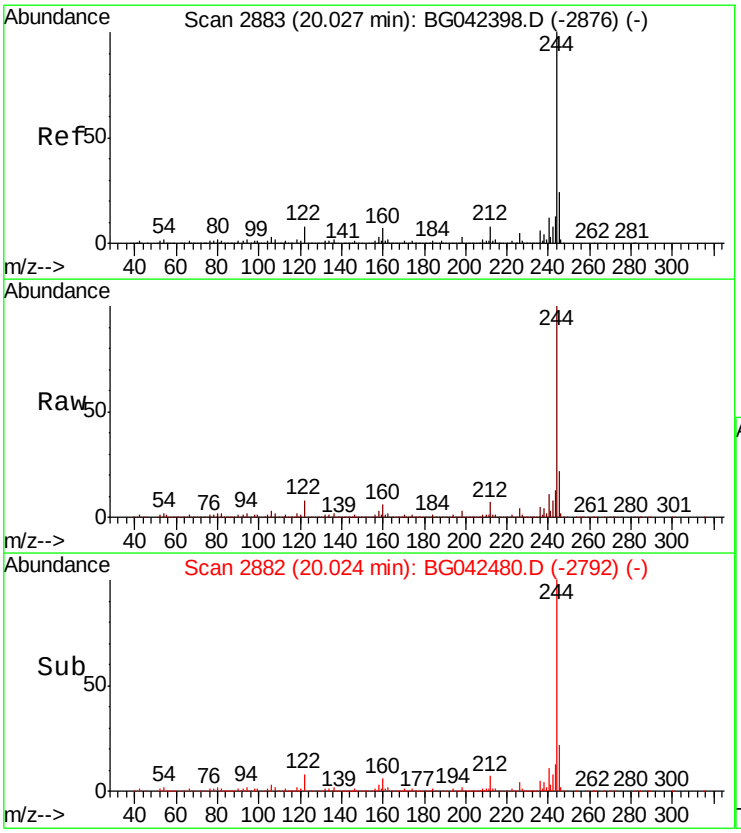
#78
Pyrene
Concen: 4.382 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 93794

Ion	Ratio	Lower	Upper
202	100		
200	19.1	17.8	26.6
203	18.7	15.5	23.3

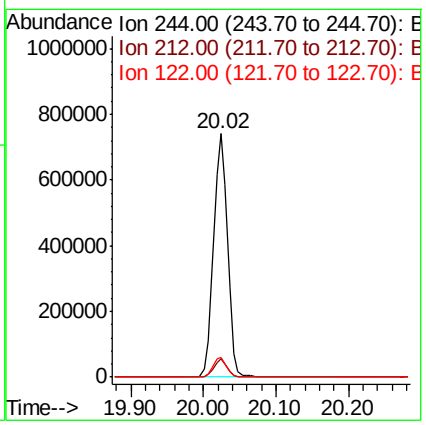


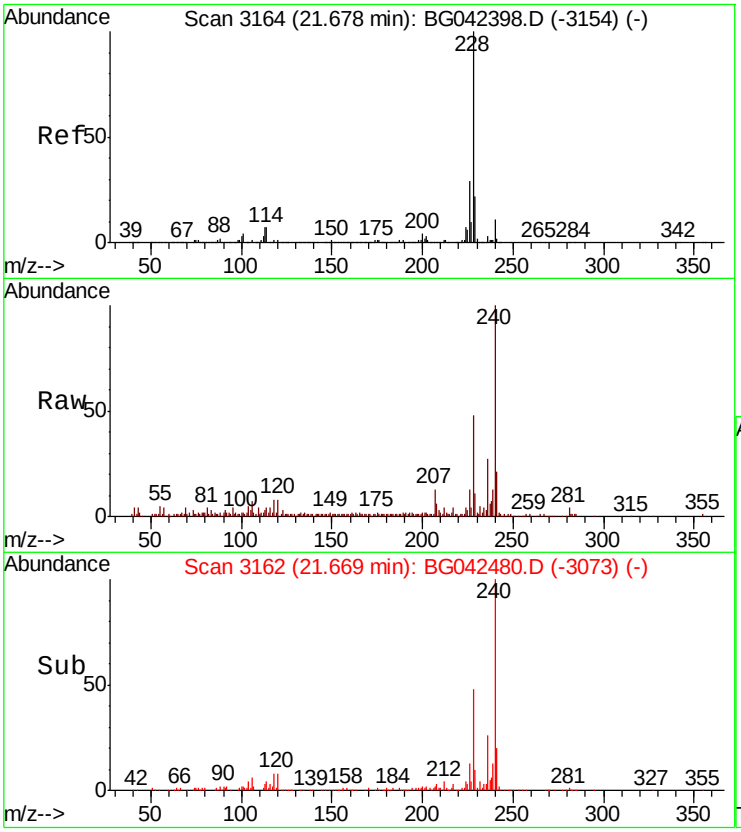


#79
Terphenyl-d14
Concen: 61.418 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Tgt Ion:244 Resp: 991715

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	8.0	6.7	10.1



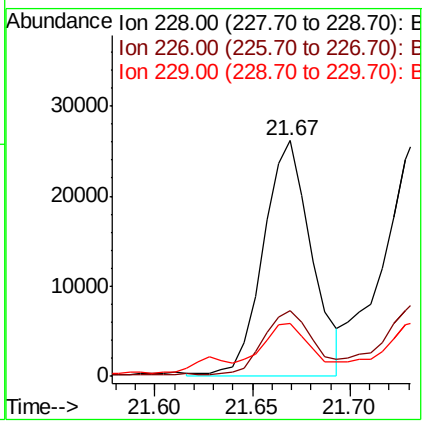


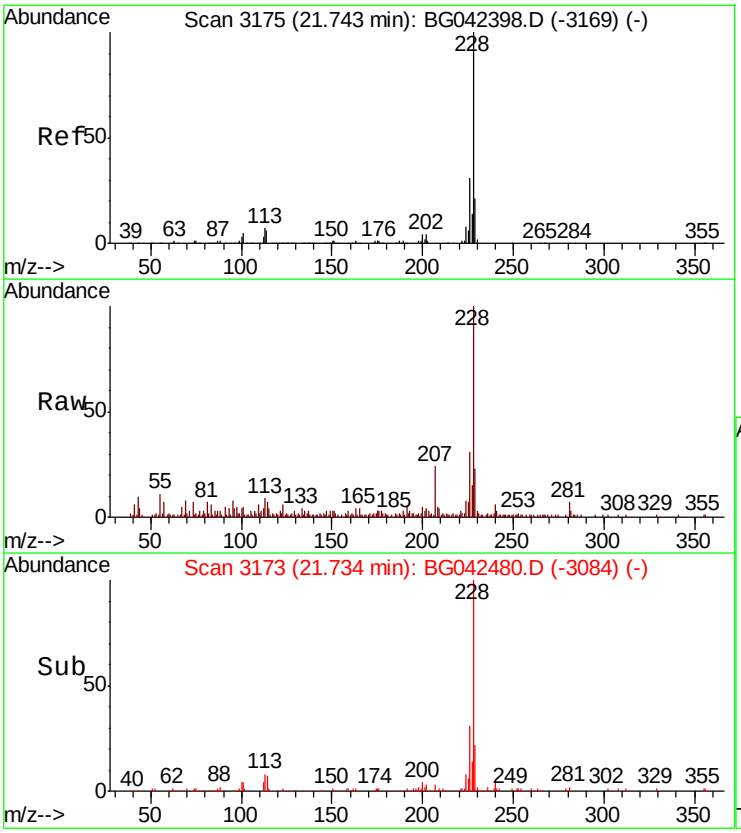
#81
Benzo(a)anthracene
Concen: 2.108 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 44763

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.4	35.2
229	22.6	17.4	26.2

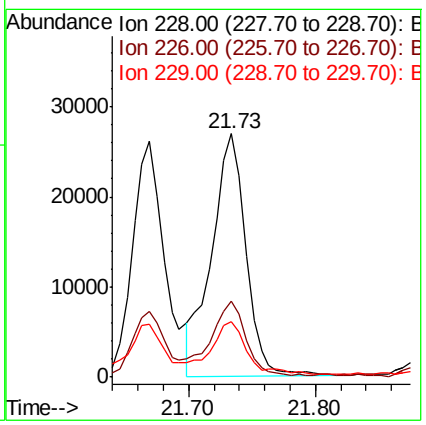


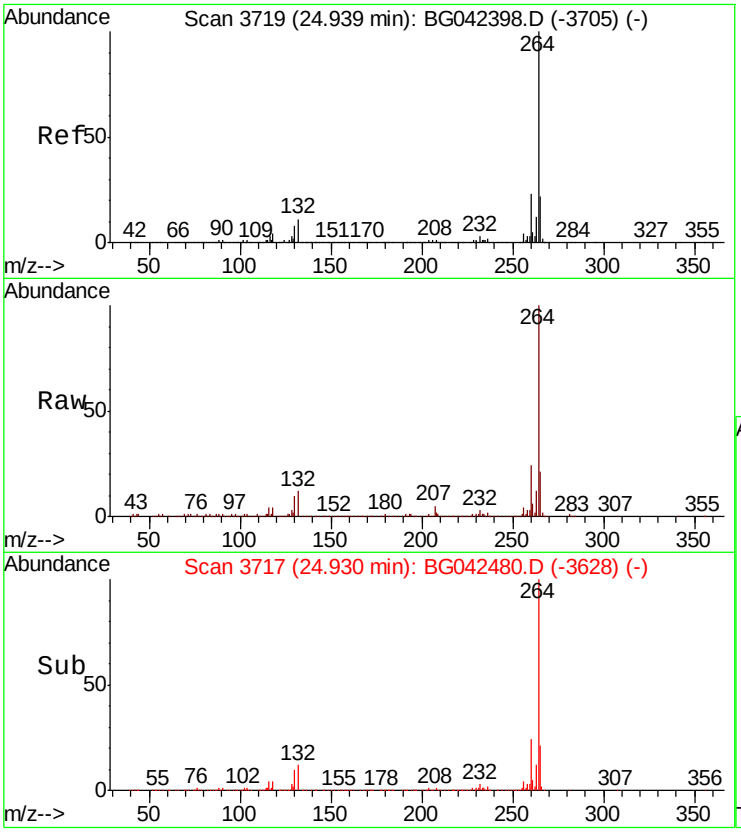


#83
Chrysene
Concen: 2.483 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Tgt Ion:228 Resp: 50842

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	22.7	16.9	25.3



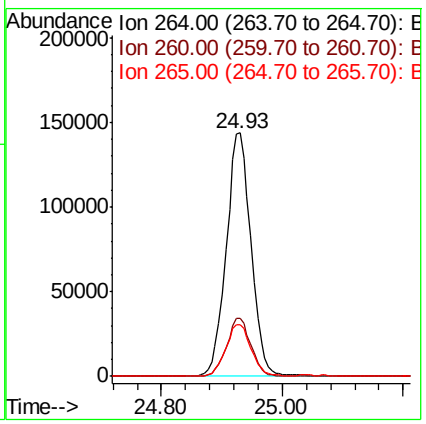


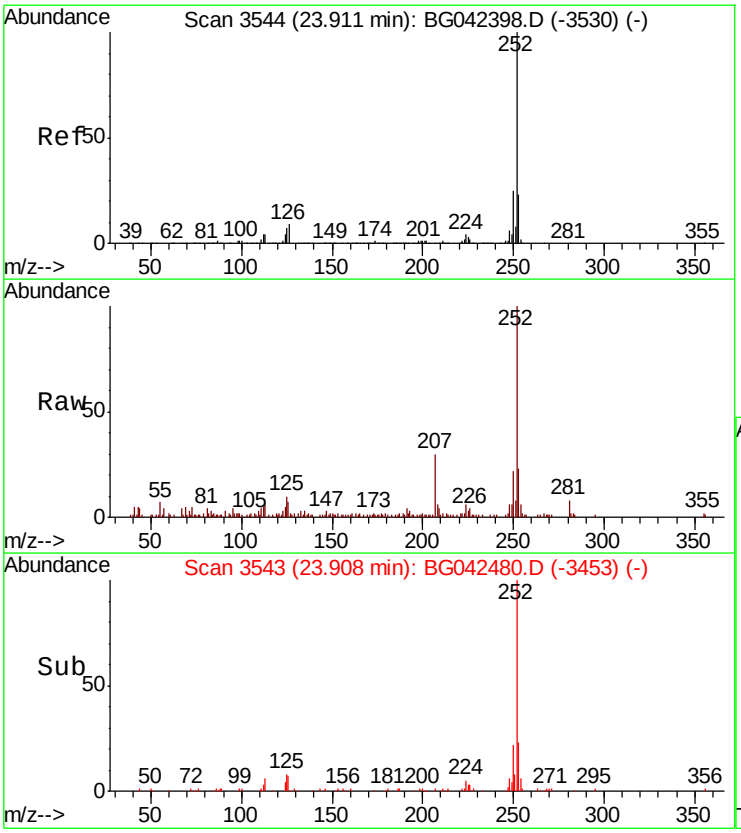
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 409234

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.4	17.6	26.4

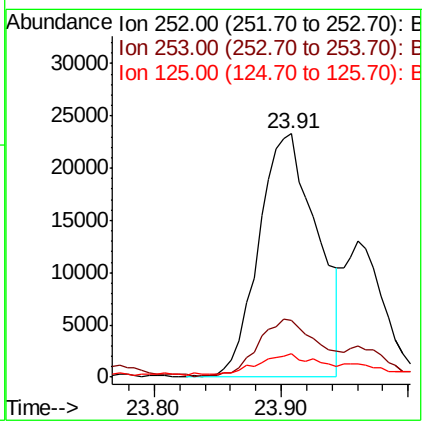


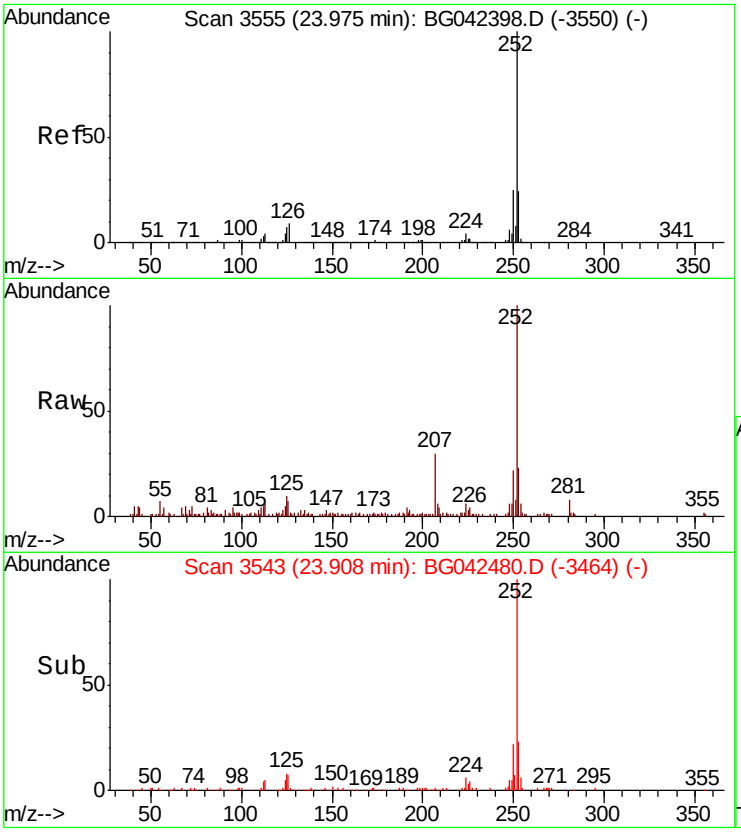


#88
Benzo(b)fluoranthene
Concen: 3.299 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Tgt Ion:252 Resp: 74214

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	27.8
125	9.6	5.6	8.4#



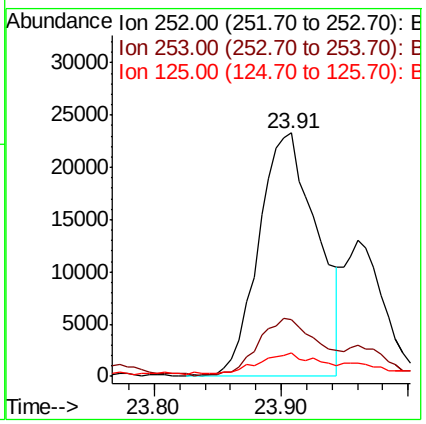


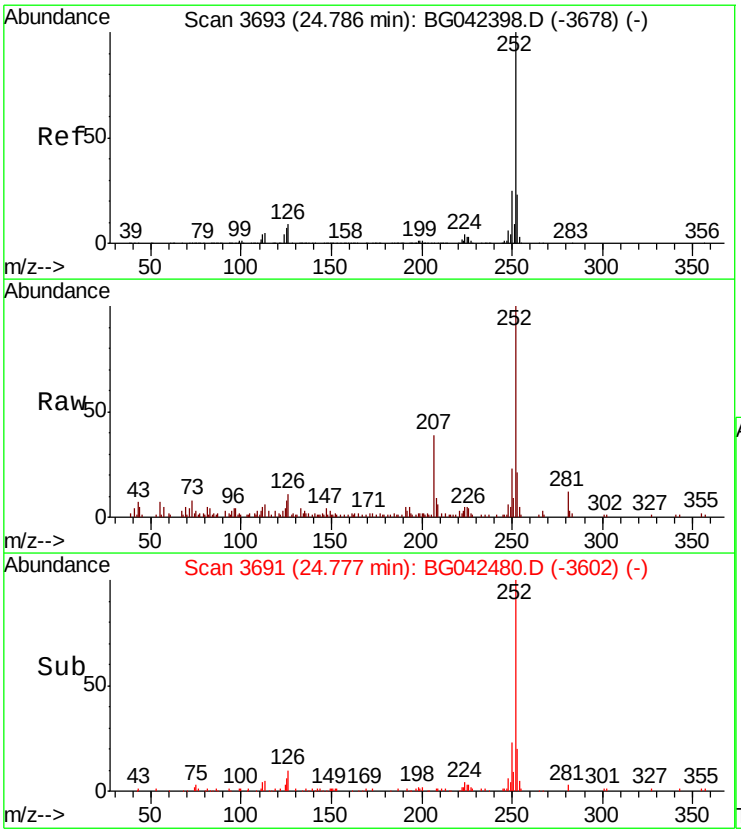
#89
Benzo(k)fluoranthene
Concen: 3.432 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.07 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 74214

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	27.8
125	9.6	5.8	8.6#





#90
Benzo(a)pyrene
Concen: 2.439 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042480.D
Acq: 25 Aug 2019 16:25

Tgt Ion:252 Resp: 52070

Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.4	27.6
125	8.1	6.0	9.0