Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042523.D
Acq On : 28 Aug 2019 3:13
Operator : HP/JU
Sample : K4526-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 28 04:04:19 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	7.99	152	43252	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	162092	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	114913	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	257310	20.00	ng		0.00
76) Chrysene-d12	21.68	240	313152	20.00	ng		-0.01
87) Perylene-d12	24.93	264	366193	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	223738	104.77	ng		0.00
7) Phenol-d6	7.16	99	300394	104.13	ng		-0.01
23) Nitrobenzene-d5	9.16	82	175552	74.84	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	182918	111.99	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	500086	73.60	ng		0.00
79) Terphenyl-d14	20.02	244	917754	63.36	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.19	94	12829	4.374	ng		85
19) n-Nitroso-di-n-propylamine	9.16	70	22284	11.924	ng	#	72
50) Dimethylphthalate	14.11	163	37611	4.536	ng		100
75) Fluoranthene	19.47	202	77476	4.967	ng		91
78) Pyrene	19.83	202	74832	3.898	ng		95
81) Benzo(a)anthracene	21.67	228	51878	2.723	ng		98
83) Chrysene	21.73	228	48812	2.657	ng		96
88) Benzo(b)fluoranthene	23.90	252	72430	3.598	ng	#	97
89) Benzo(k)fluoranthene	23.90	252	72430	3.743	ng	#	97
90) Benzo(a)pyrene	24.77	252	51747	2.709	ng	#	96

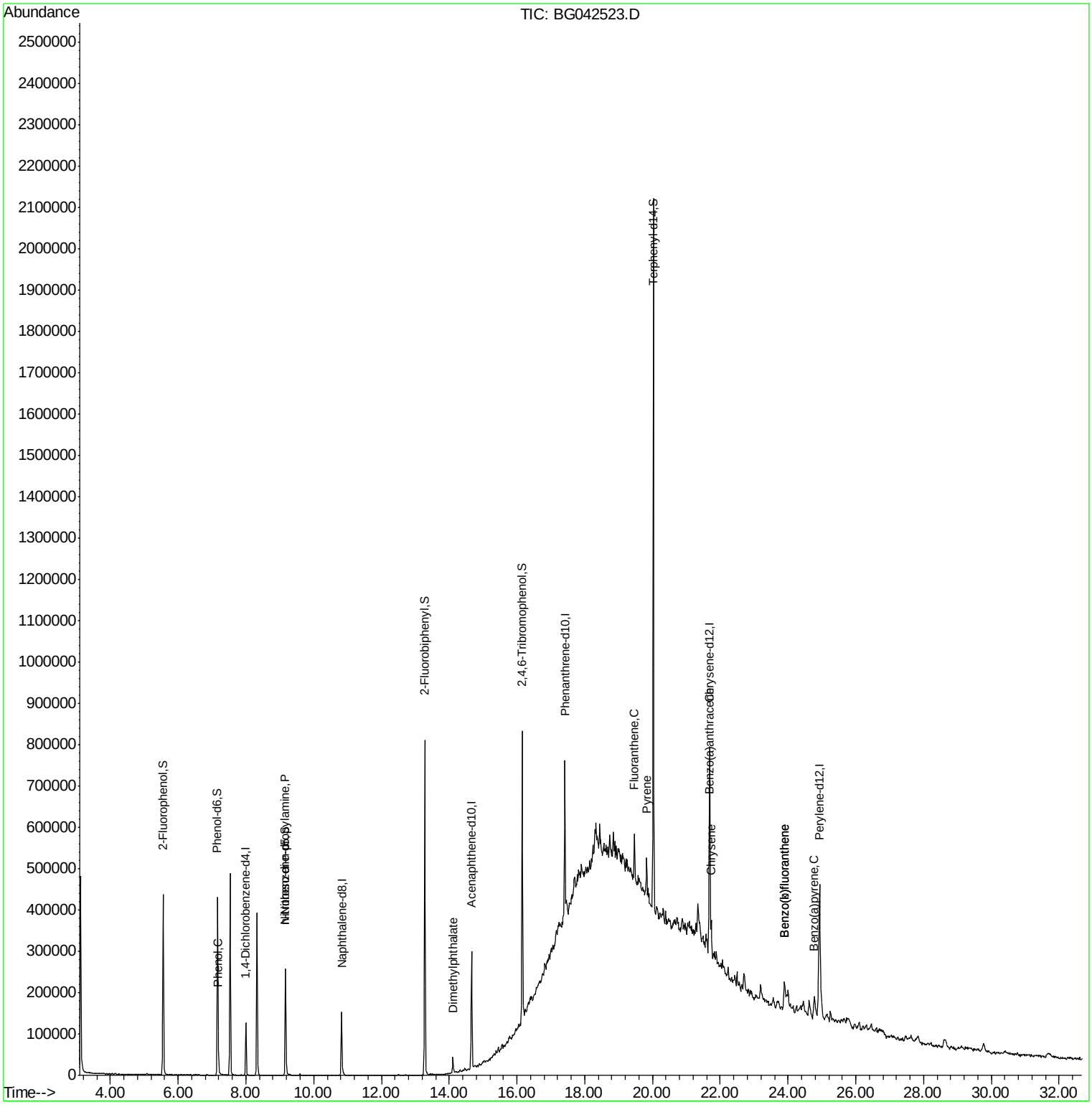
(#) = qualifier out of range (m) = manual integration (+) = signals summed

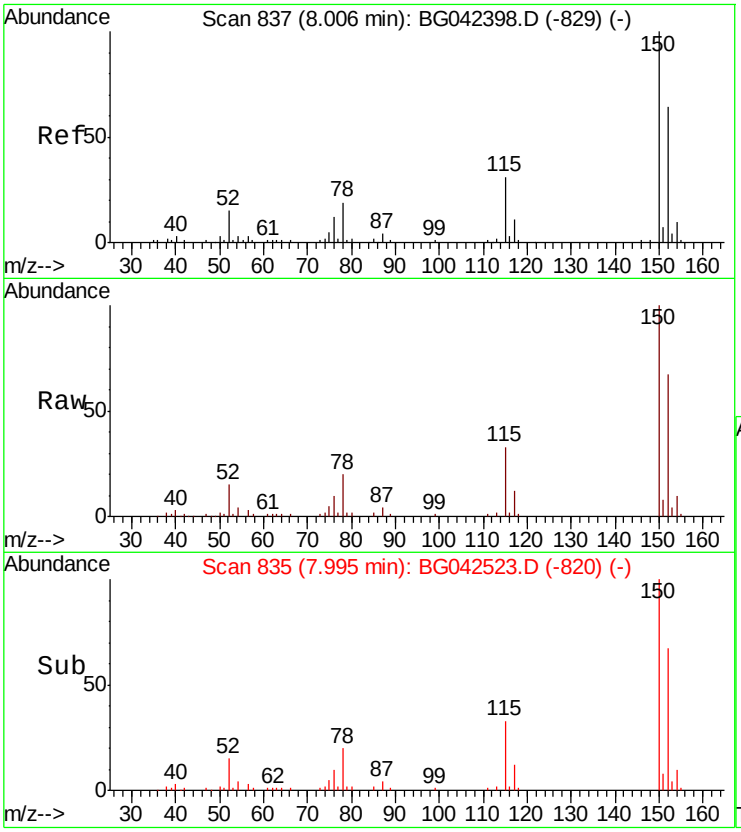
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042523.D
Acq On : 28 Aug 2019 3:13
Operator : HP/JU
Sample : K4526-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 28 04:04:19 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



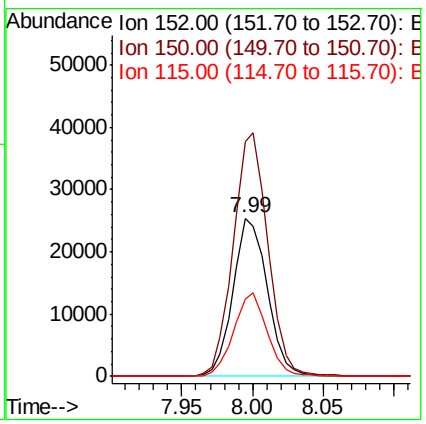


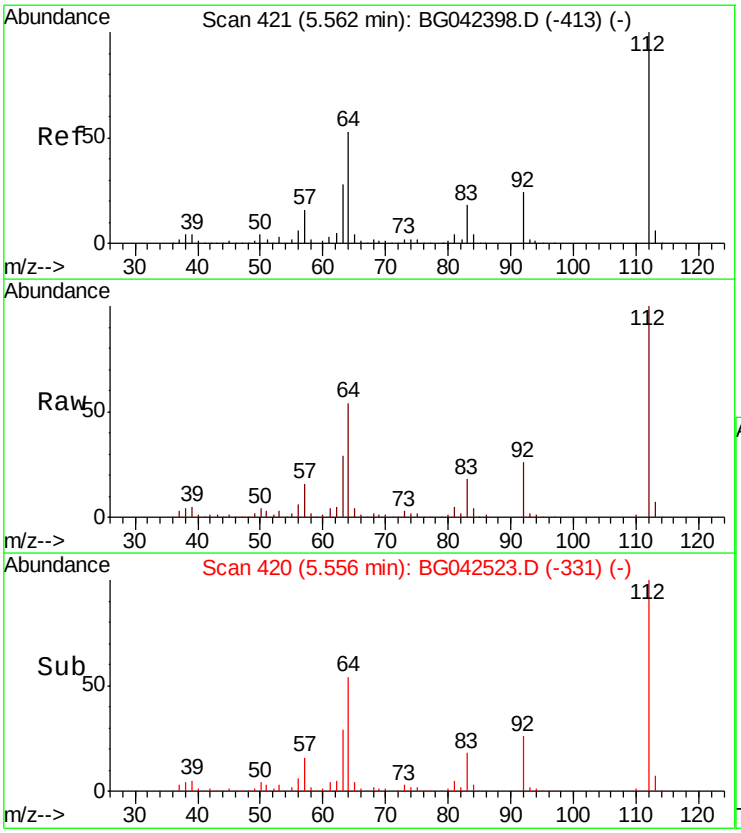
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 43252

Ion	Ratio	Lower	Upper
152	100		
150	148.2	125.4	188.0
115	48.9	38.5	57.7

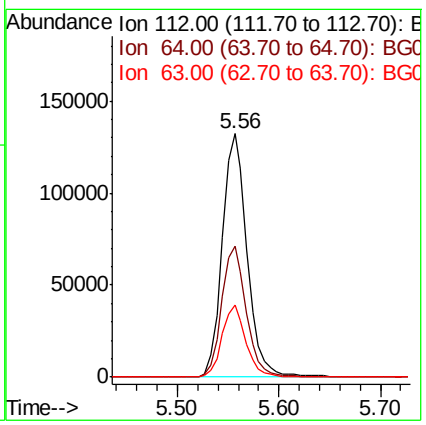


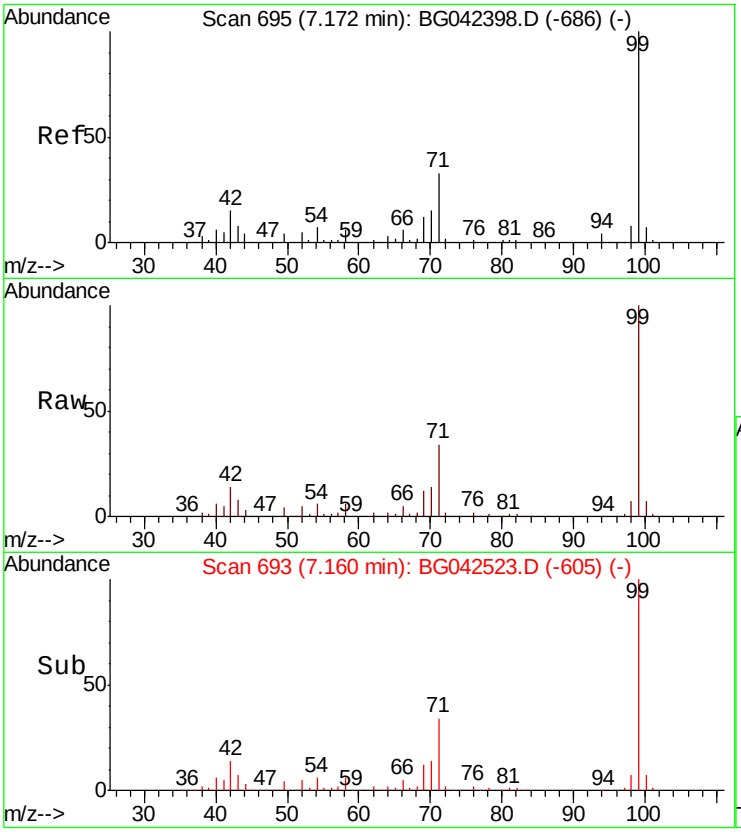


#5
2-Fluorophenol
Concen: 104.766 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Tgt Ion:112 Resp: 223738

Ion	Ratio	Lower	Upper
112	100		
64	53.9	42.8	64.2
63	29.4	22.7	34.1



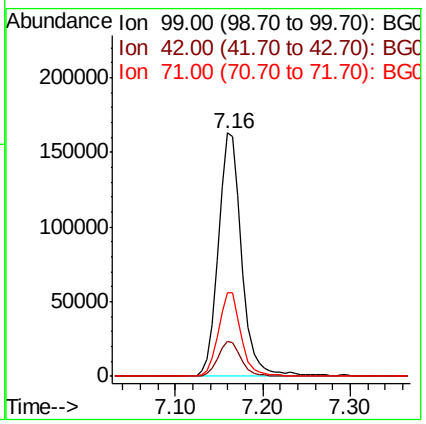


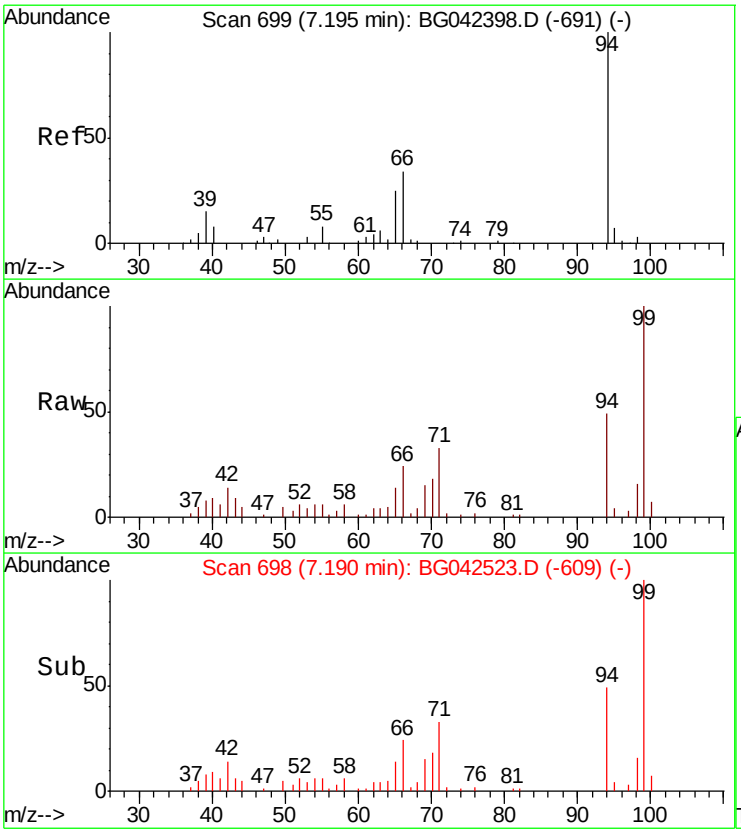
#7
Phenol-d6
Concen: 104.133 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 300394

Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.0	18.0
71	34.1	26.3	39.5

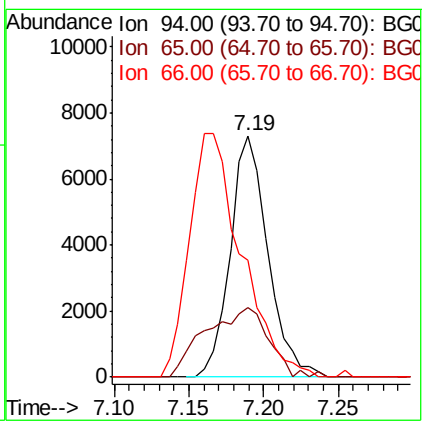


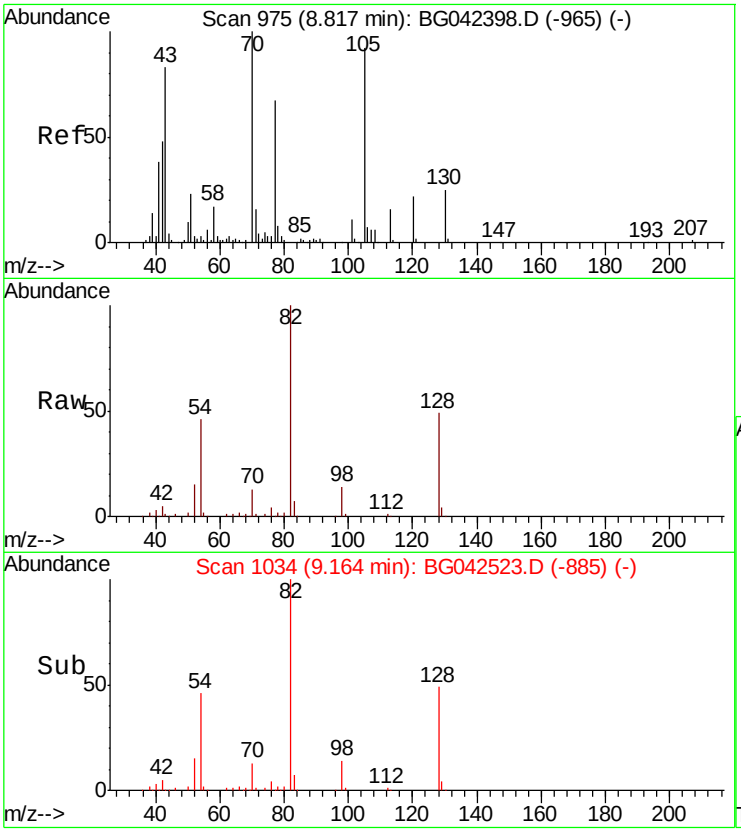


#10
Phenol
Concen: 4.374 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Tgt Ion: 94 Resp: 12829

Ion	Ratio	Lower	Upper
94	100		
65	29.1	5.6	45.6
66	48.3	16.0	56.0



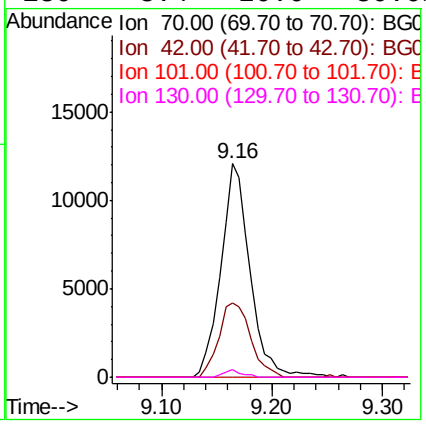


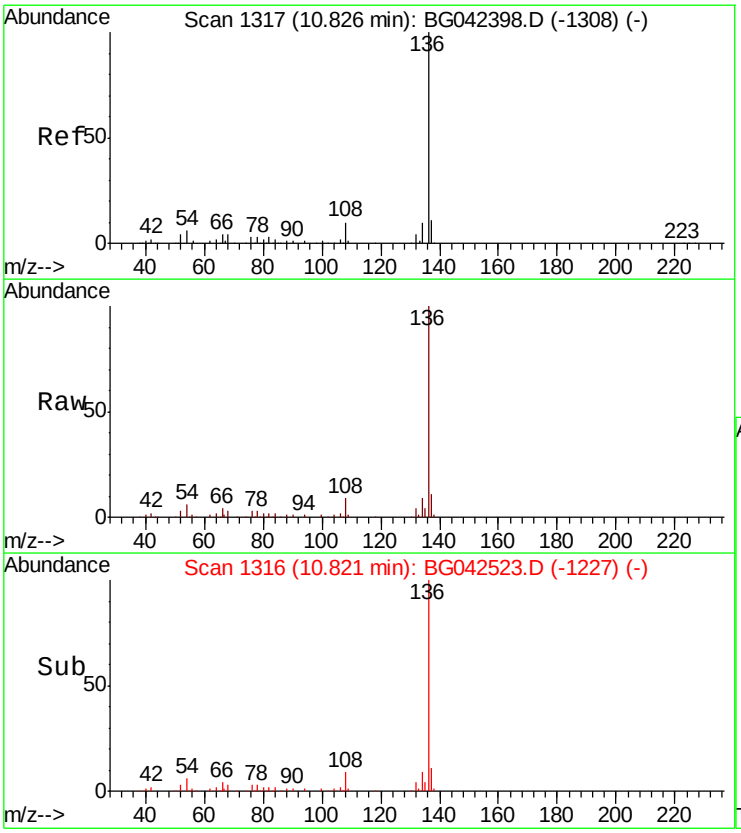
#19
n-Nitroso-di-n-propylamine
Concen: 11.924 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 22284

Ion	Ratio	Lower	Upper
70	100		
42	34.9	38.8	58.2#
101	0.0	9.0	13.6#
130	3.4	20.0	30.0#

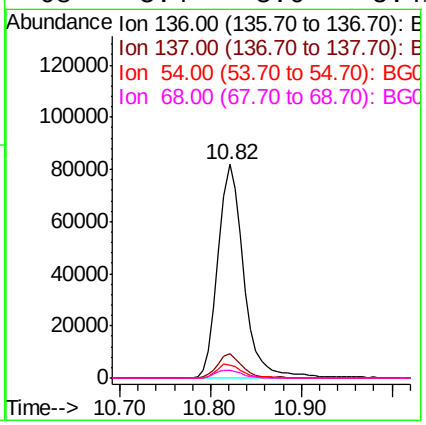


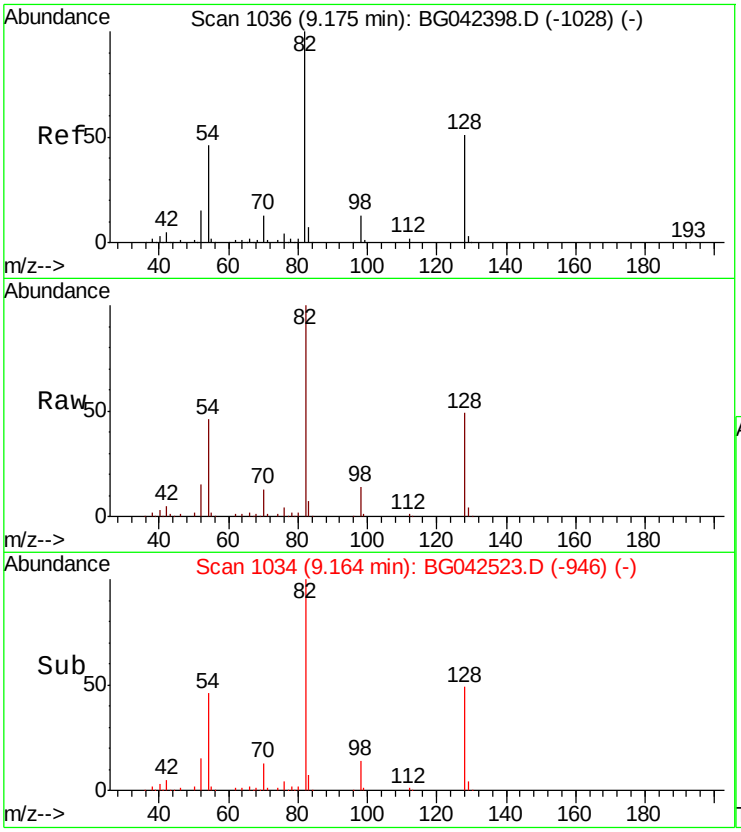


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Tgt Ion:136 Resp: 162092

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.0	4.9	7.3
68	3.4	3.6	5.4#

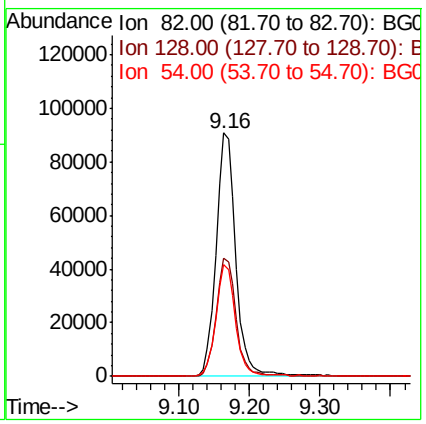




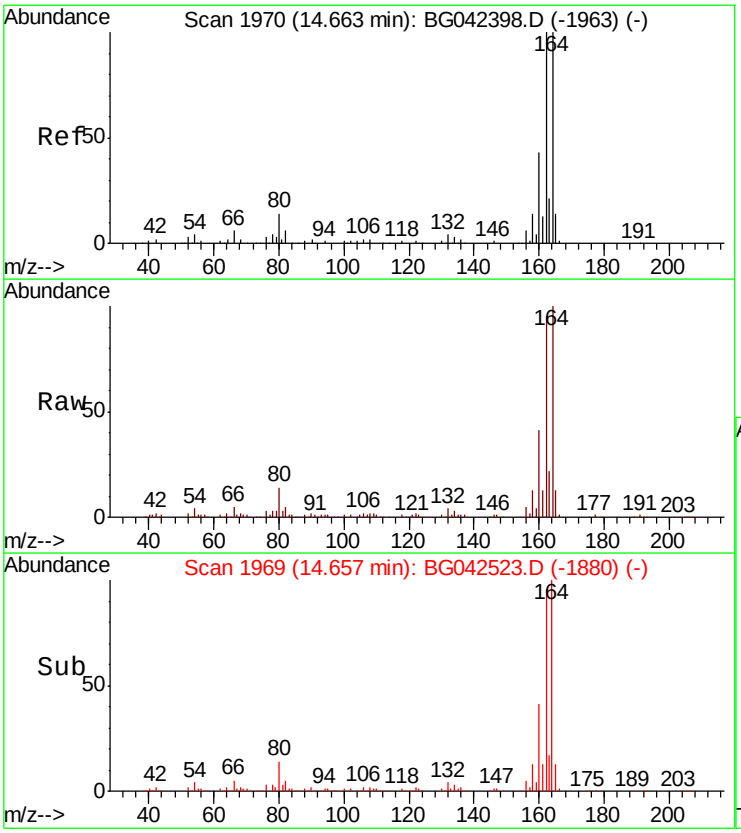
#23
Nitrobenzene-d5
Concen: 74.842 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Tgt Ion: 82 Resp: 175552

Ion	Ratio	Lower	Upper
82	100		
128	48.5	40.7	61.1
54	46.2	36.3	54.5



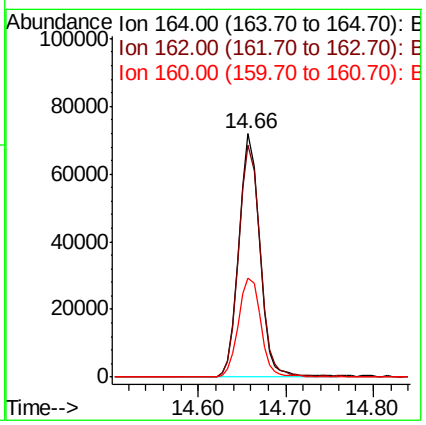
Instrument :
BNA_G
ClientSampleId :

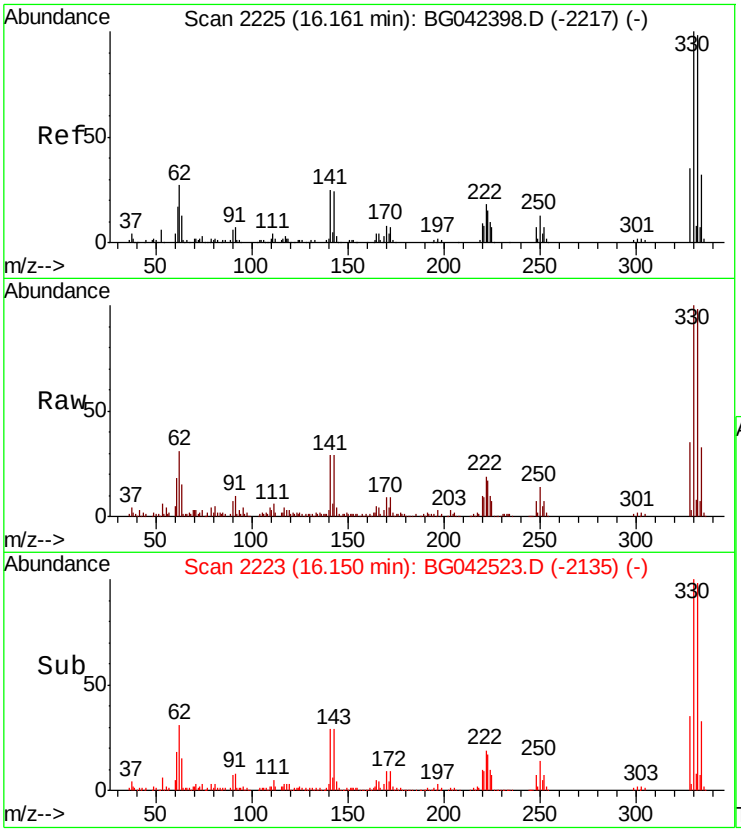


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Tgt Ion:164 Resp: 114913

Ion	Ratio	Lower	Upper
164	100		
162	95.3	79.9	119.9
160	40.9	34.3	51.5



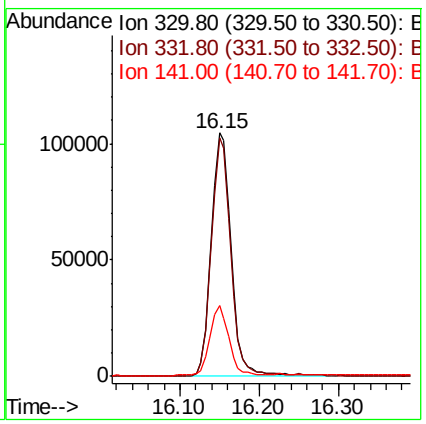


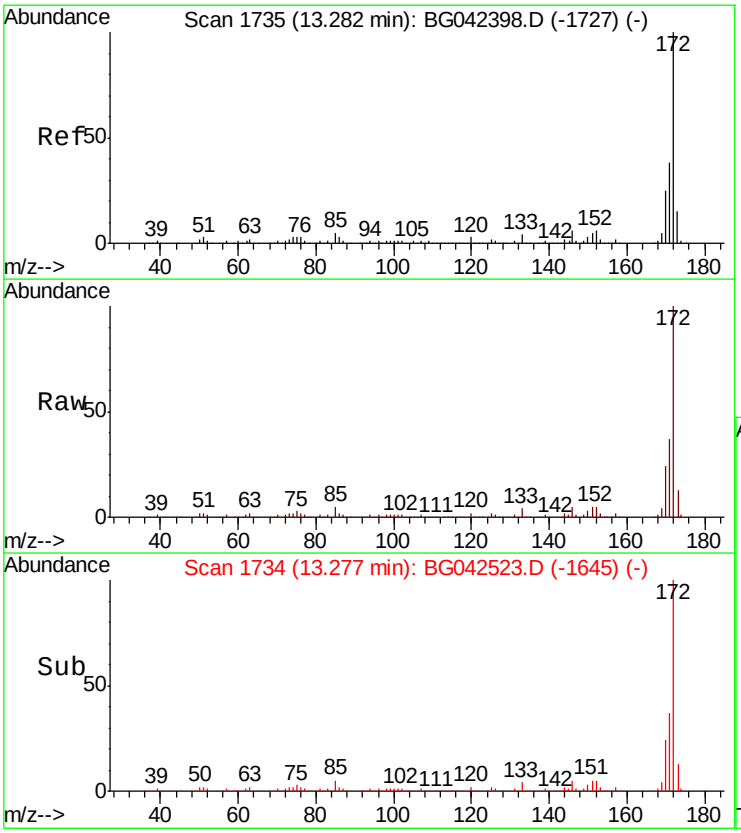
#42
2,4,6-Tribromophenol
Concen: 111.993 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 182918

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.0
141	27.8	21.4	32.0

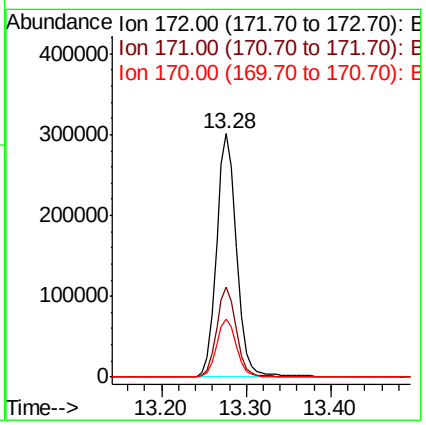


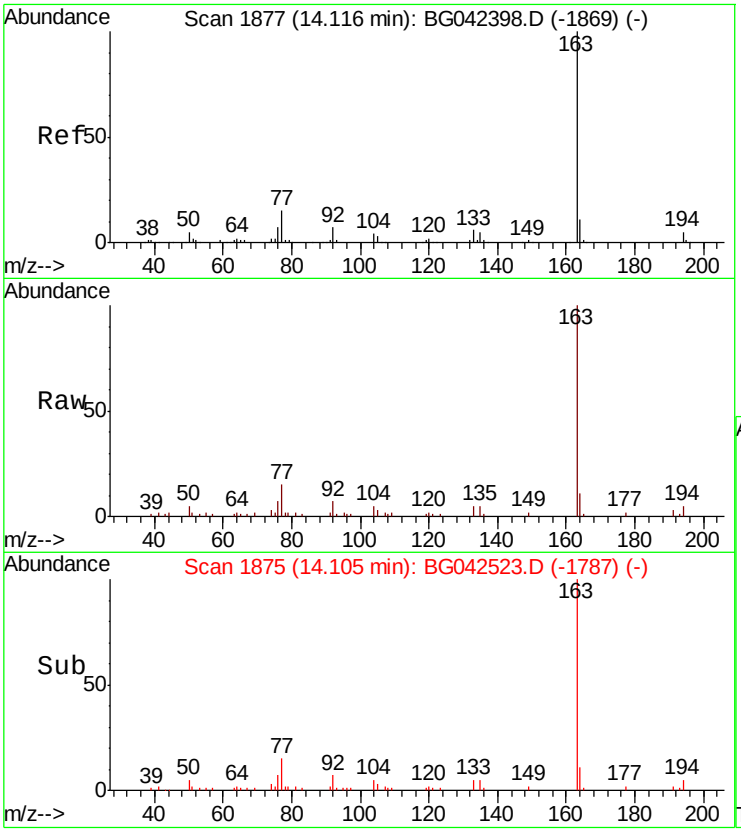


#45
2-Fluorobiphenyl
Concen: 73.602 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Tgt Ion:172 Resp: 500086

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.1	20.2	30.2



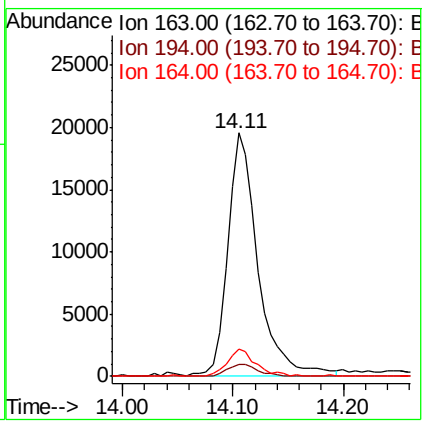


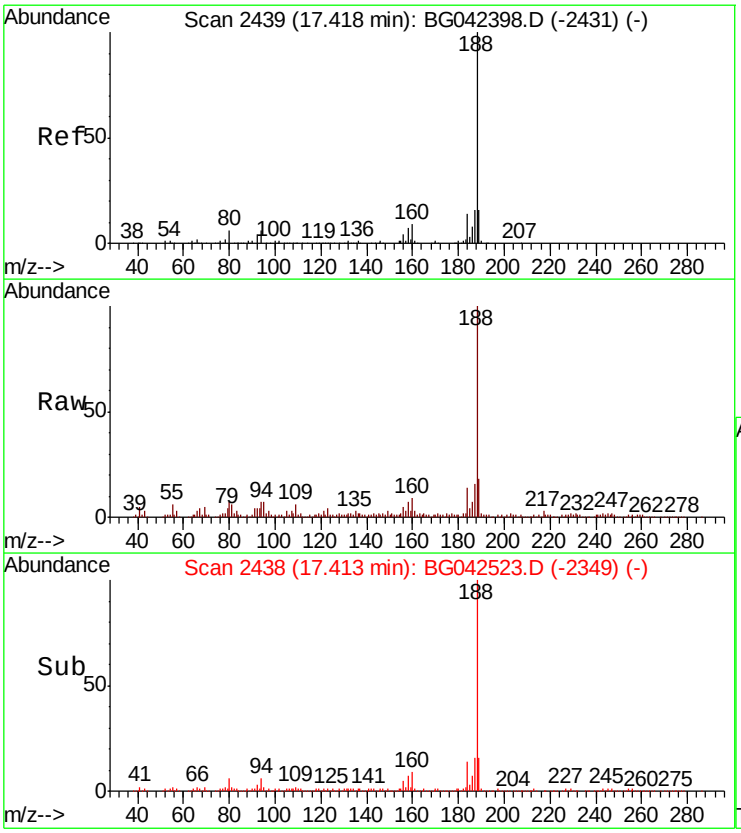
#50
Dimethylphthalate
Concen: 4.536 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 37611

Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	11.0	8.8	13.2

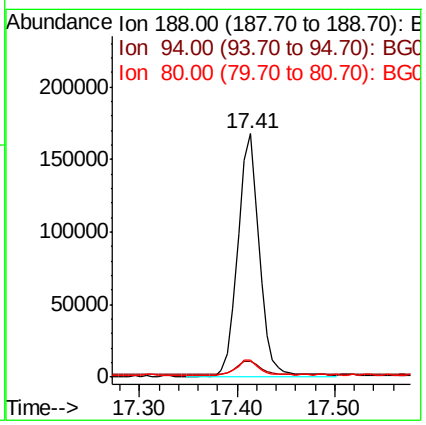


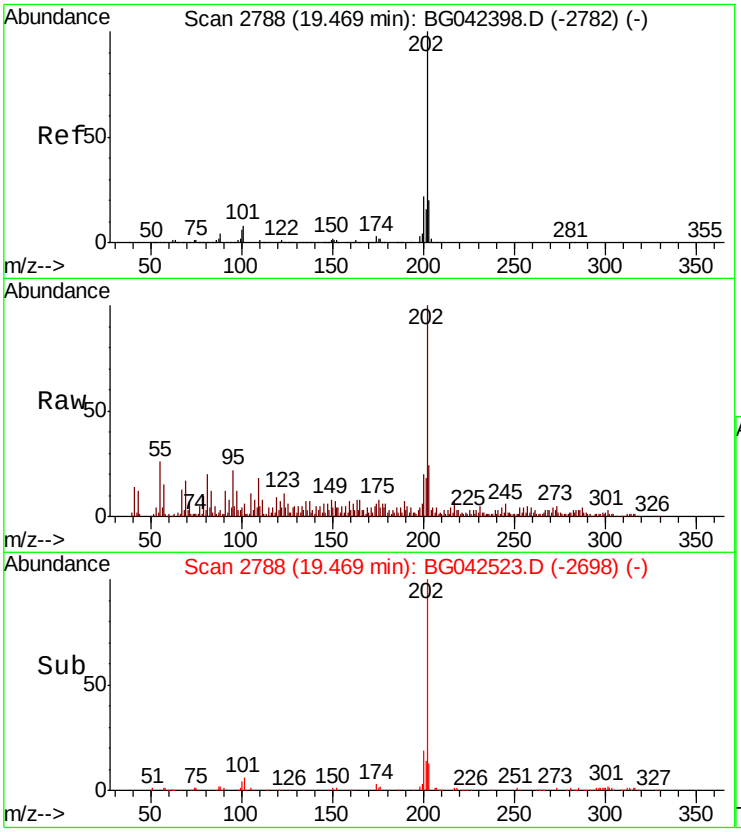


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Tgt Ion:188 Resp: 257310

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



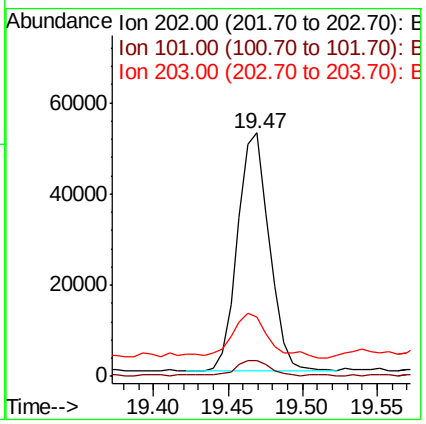


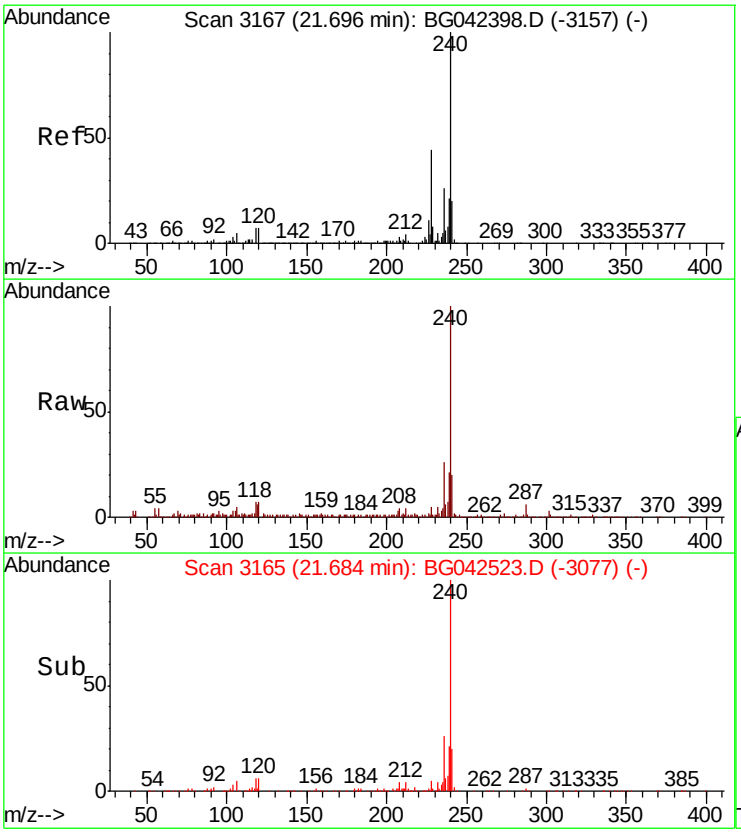
#75
Fluoranthene
Concen: 4.967 ng
RT: 19.47 min Scan# 2788
Delta R.T. 0.00 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 77476

Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	28.3
203	24.4	0.0	39.6

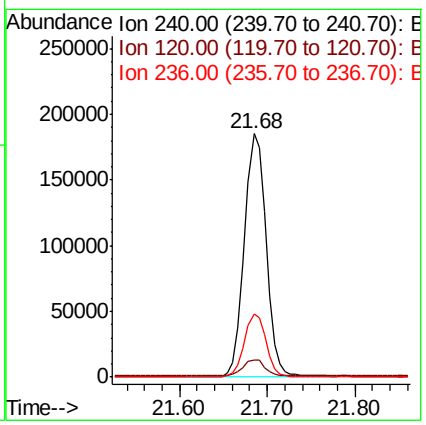


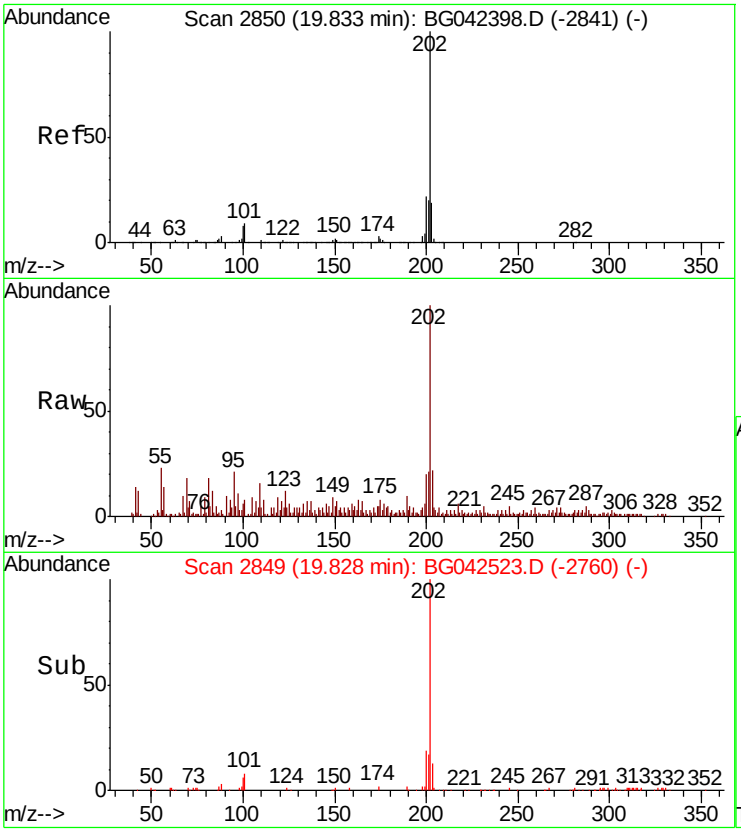


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Tgt Ion:240 Resp: 313152

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.7	8.5
236	25.8	21.0	31.4



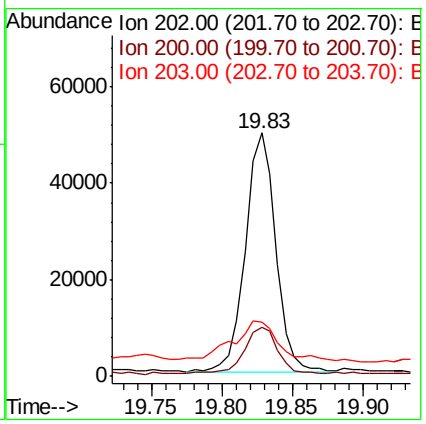


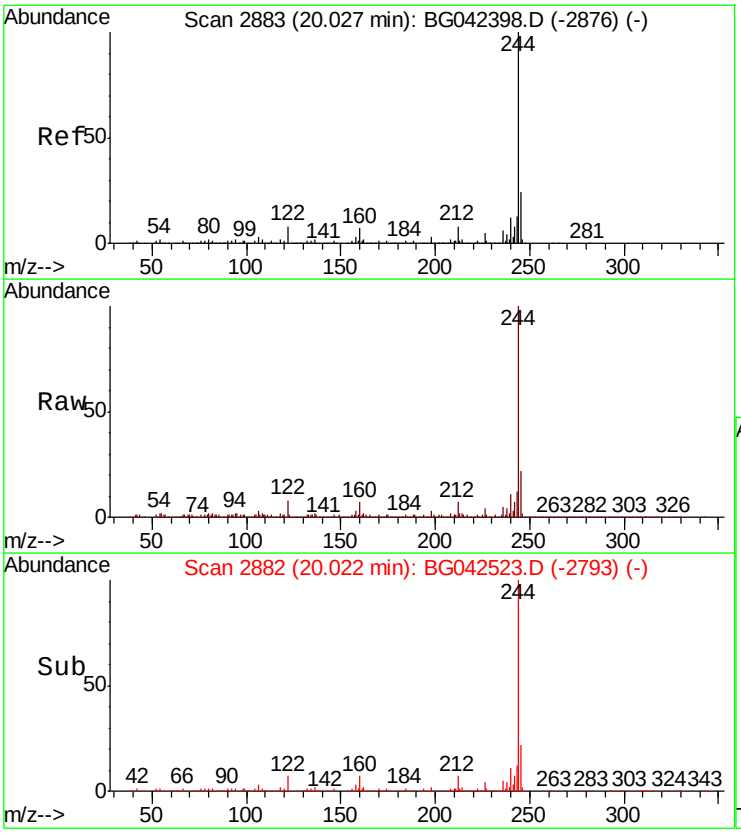
#78
Pyrene
Concen: 3.898 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 74832

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.8	26.6
203	22.4	15.5	23.3

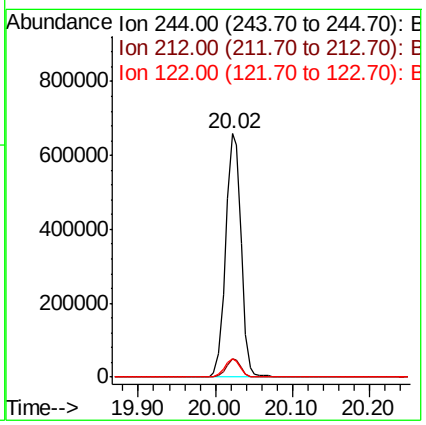


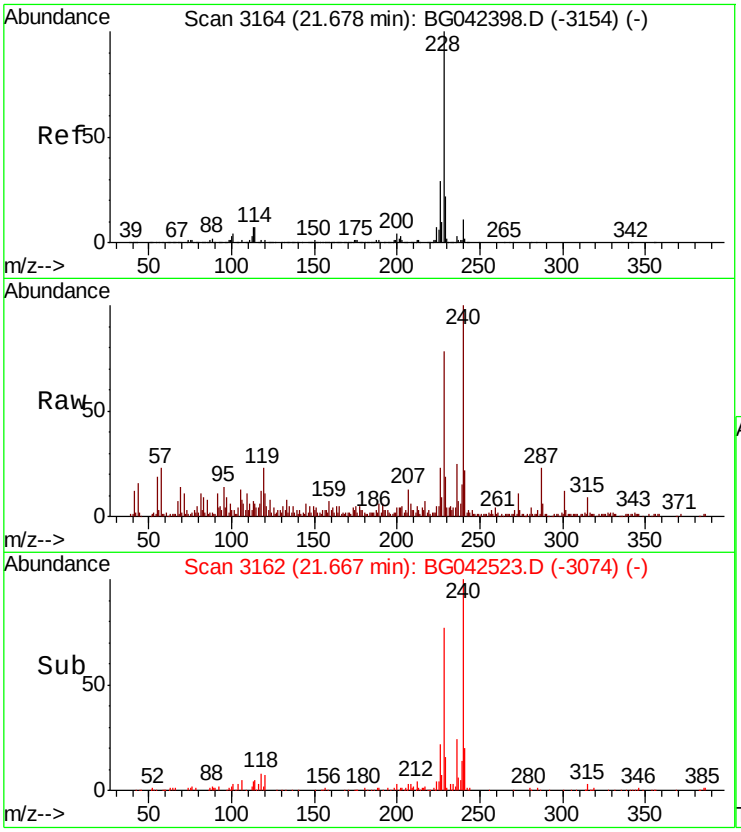


#79
Terphenyl-d14
Concen: 63.359 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Tgt Ion:244 Resp: 917754

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	7.6	6.7	10.1



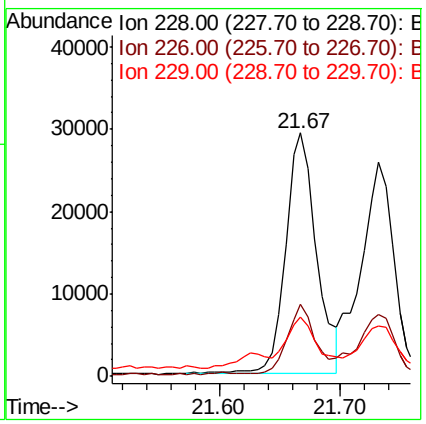


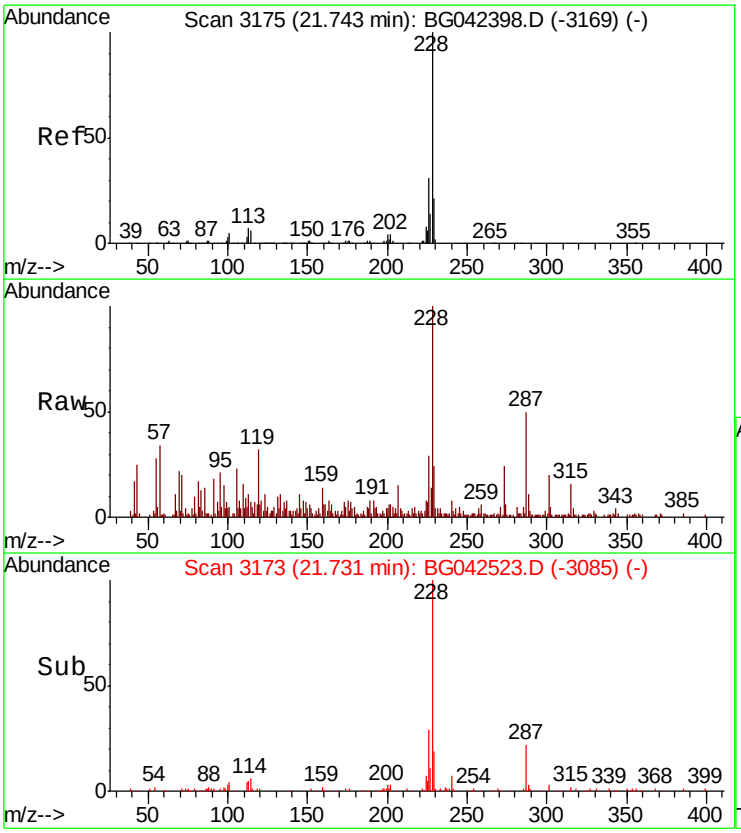
#81
Benzo(a)anthracene
Concen: 2.723 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 51878

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	24.3	17.4	26.2

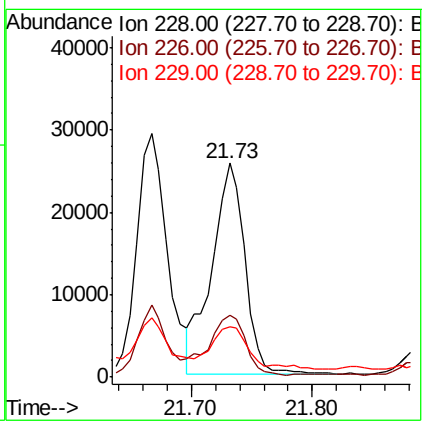


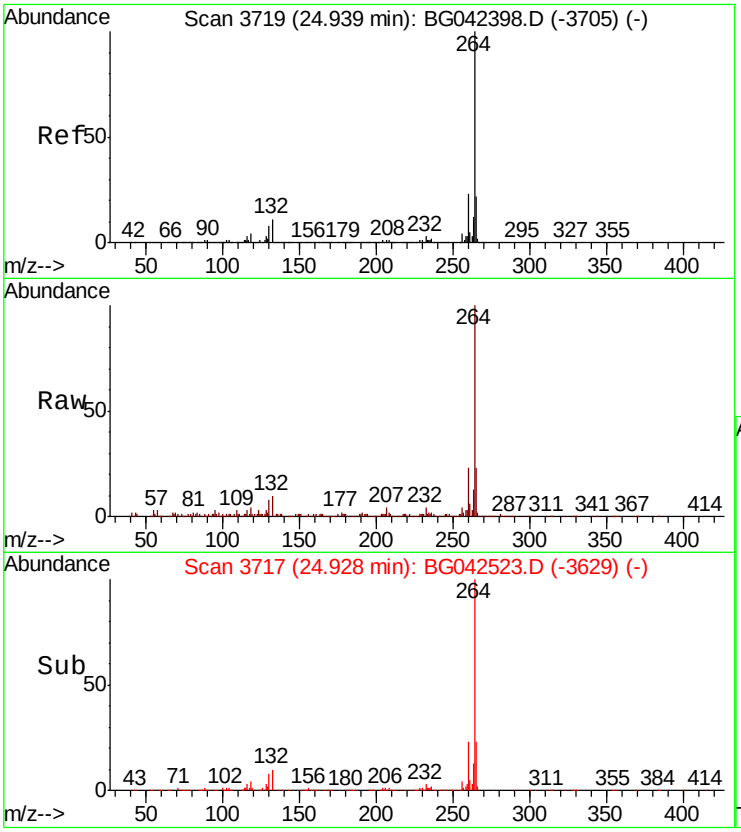


#83
Chrysene
Concen: 2.657 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Tgt Ion:228 Resp: 48812

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	23.5	16.9	25.3



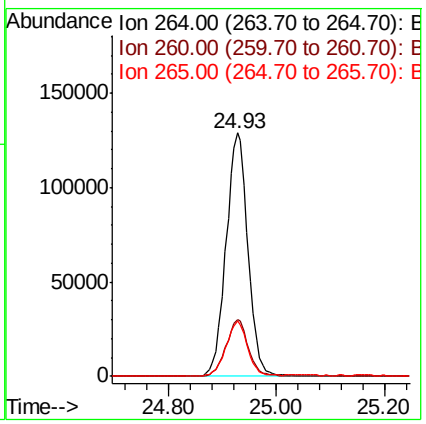


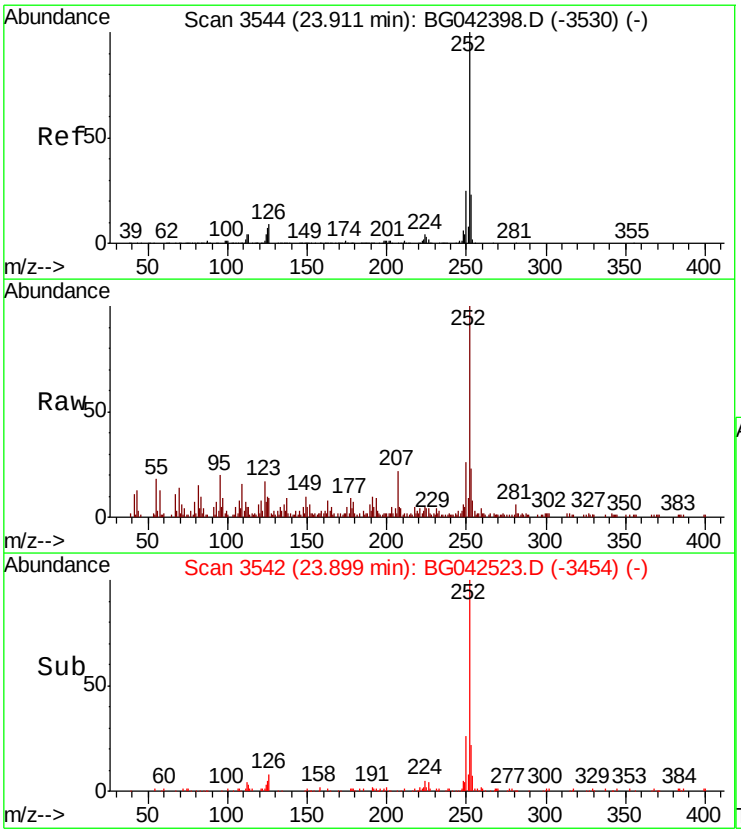
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 366193

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	23.0	17.6	26.4

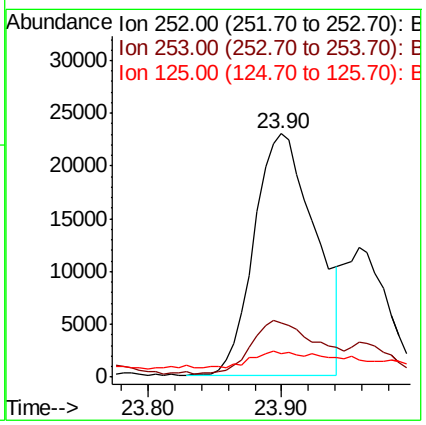


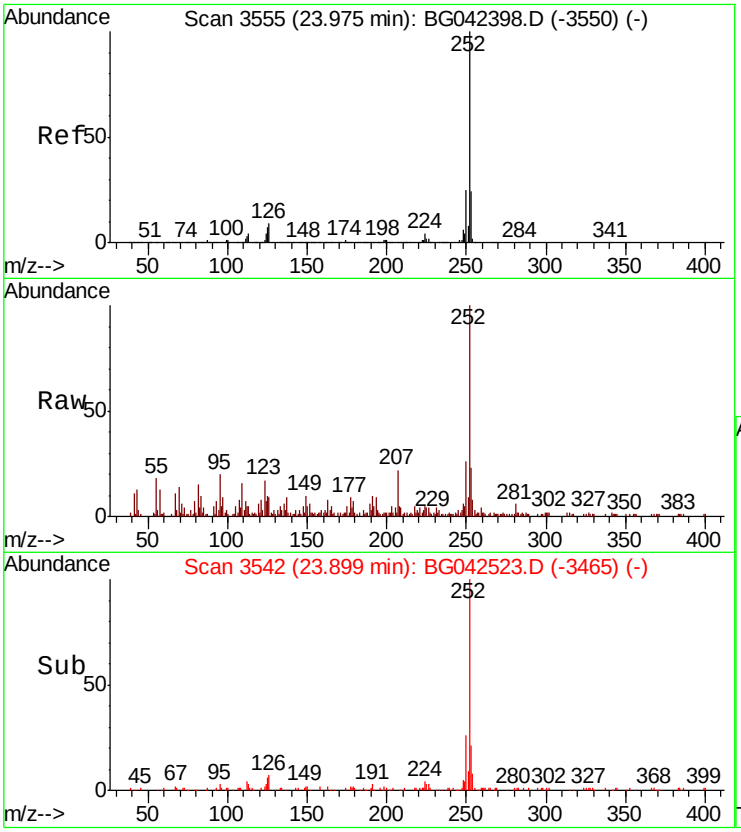


#88
Benzo(b)fluoranthene
Concen: 3.598 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Tgt Ion:252 Resp: 72430

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	9.8	5.6	8.4#



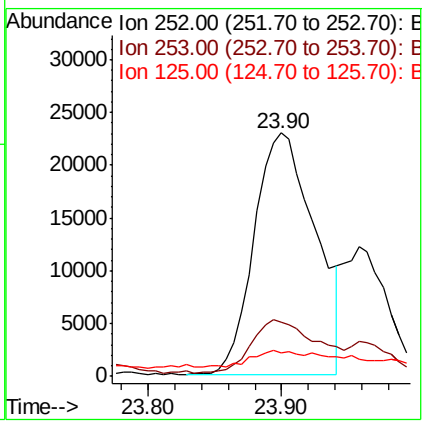


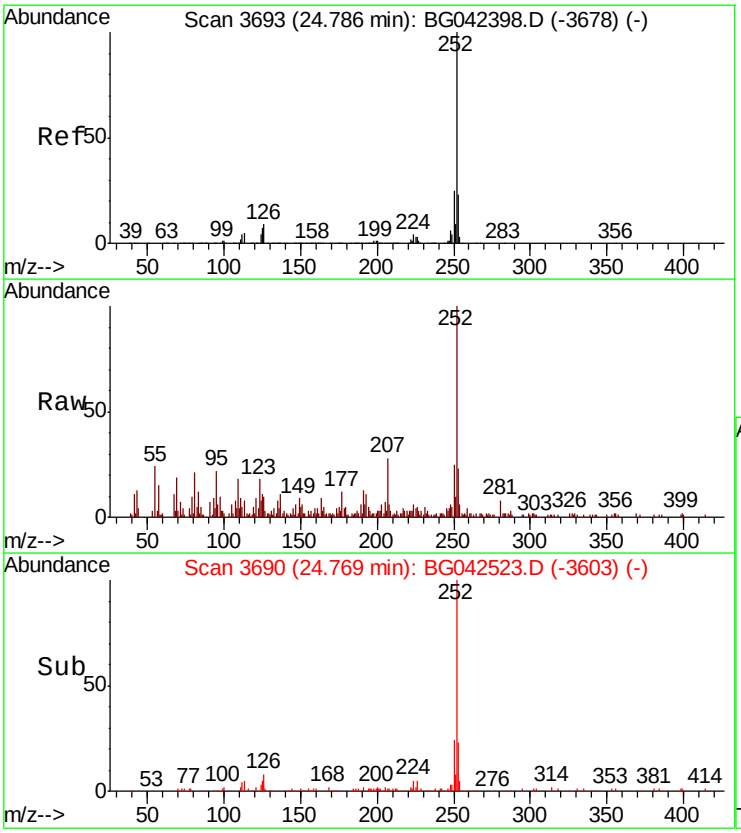
#89
Benzo(k)fluoranthene
Concen: 3.743 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.08 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 72430

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	9.8	5.8	8.6#





#90
Benzo(a)pyrene
Concen: 2.709 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG042523.D
Acq: 28 Aug 2019 3:13

Tgt Ion:252 Resp: 51747

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	11.4	6.0	9.0#