Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042745.D
Acq On : 6 Sep 2019 8:08
Operator : HP/JU
Sample : K4692-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 06 08:51:33 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	38631	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	136044	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	89856	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	195843	20.00	ng		-0.01
76) Chrysene-d12	21.68	240	228000	20.00	ng		-0.01
87) Perylene-d12	24.93	264	273235	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	256048	134.24	ng		0.00
7) Phenol-d6	7.17	99	323899	125.71	ng		0.00
23) Nitrobenzene-d5	9.17	82	185605	94.28	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	181364	142.01	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	510631	96.11	ng		0.00
79) Terphenyl-d14	20.02	244	857288	81.29	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.16	70	24344	14.584	ng	#	78
50) Dimethylphthalate	14.10	163	63033	9.722	ng		98
57) 2,4-Dinitrotoluene	14.66	165	11488	5.338	ng	#	38
67) 4-Bromophenyl-phenylether	16.15	248	12024	4.840	ng	#	1
71) Phenanthrene	17.45	178	45773	4.705	ng		98
75) Fluoranthene	19.46	202	84565	7.123	ng		93
78) Pyrene	19.83	202	88438	6.327	ng		99
81) Benzo(a)anthracene	21.67	228	54457	3.926	ng		94
83) Chrysene	21.73	228	50498	3.775	ng		98
88) Benzo(b)fluoranthene	23.90	252	68467	4.558	ng		97
89) Benzo(k)fluoranthene	23.90	252	68467	4.742	ng		97
90) Benzo(a)pyrene	24.77	252	52704	3.697	ng		99
92) Benzo(g,h,i)perylene	29.79	276	33437	2.316	ng		97

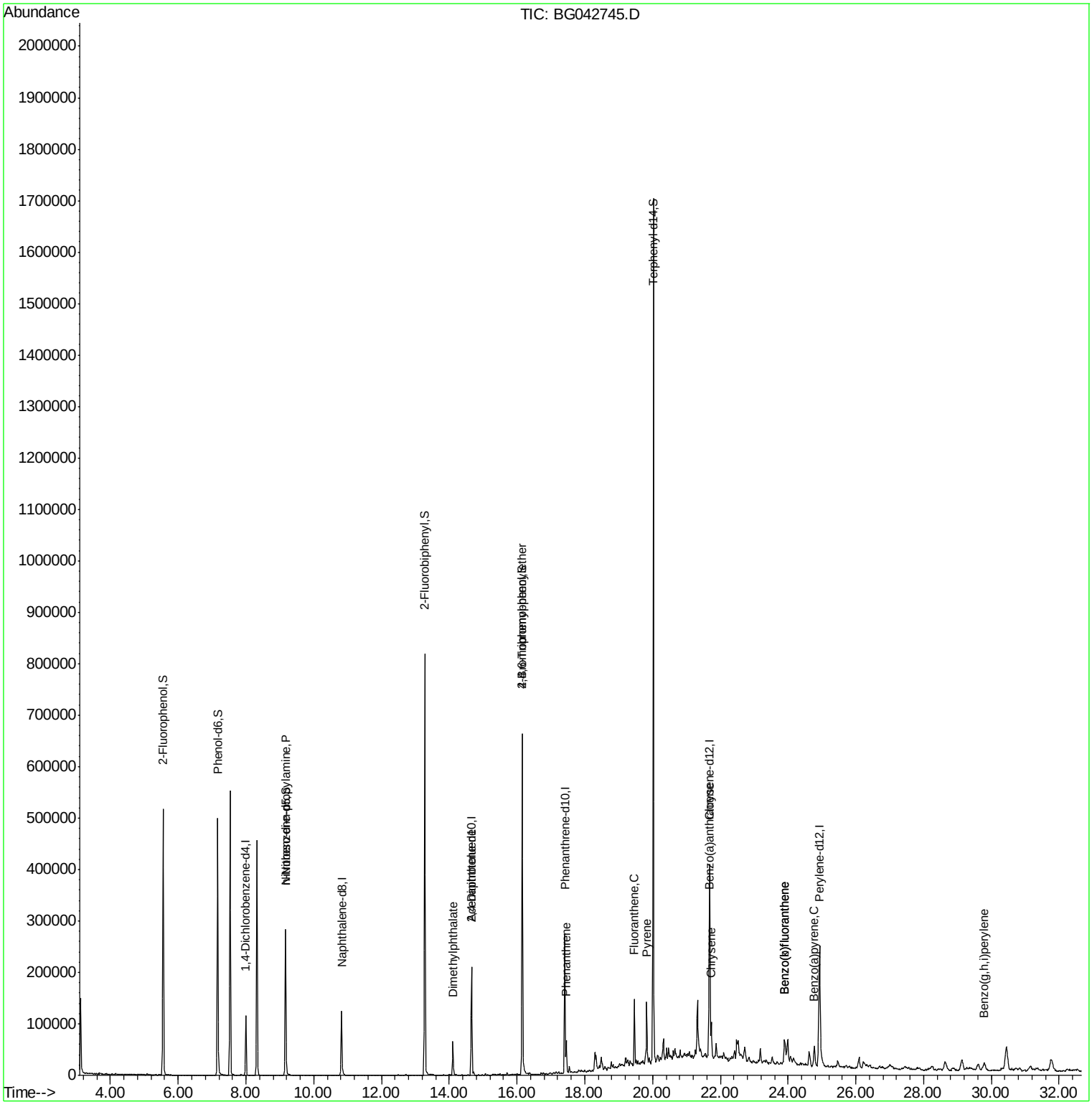
(#) = qualifier out of range (m) = manual integration (+) = signals summed

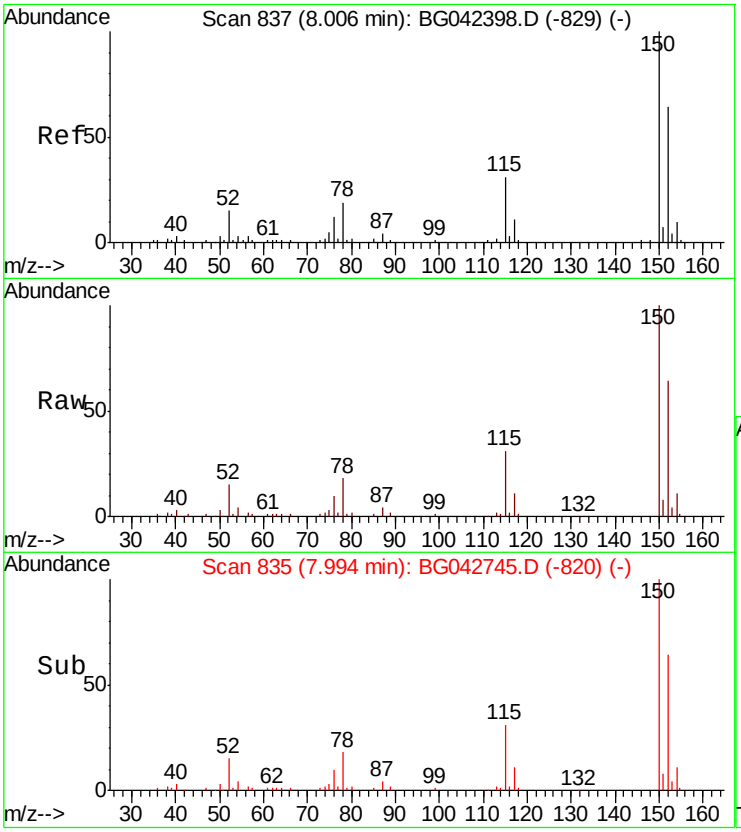
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042745.D
Acq On : 6 Sep 2019 8:08
Operator : HP/JU
Sample : K4692-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 06 08:51:33 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



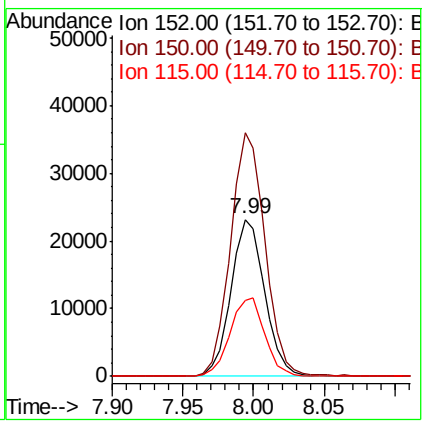


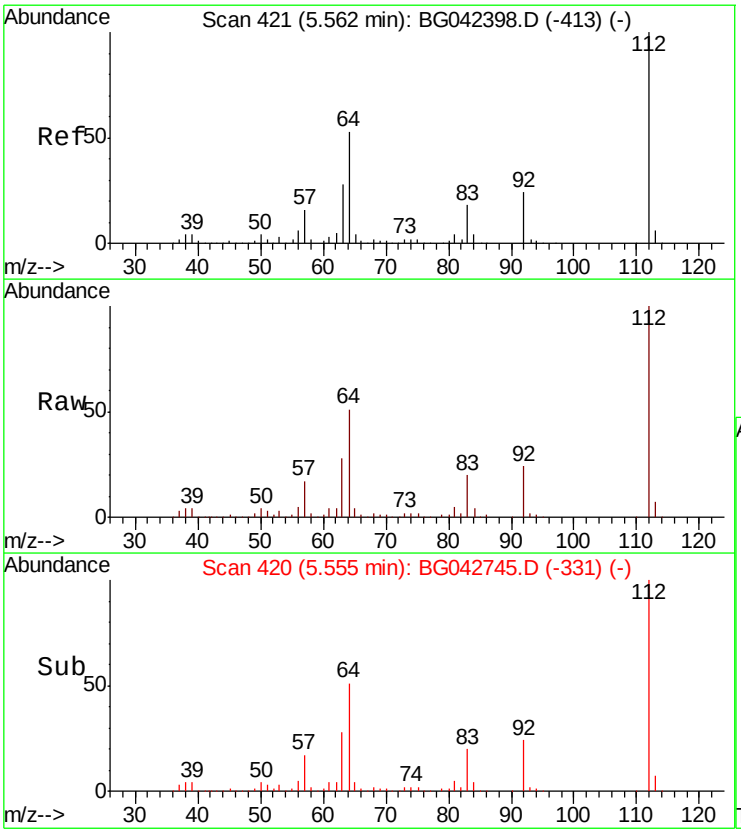
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 38631

Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.4	188.0
115	48.8	38.5	57.7

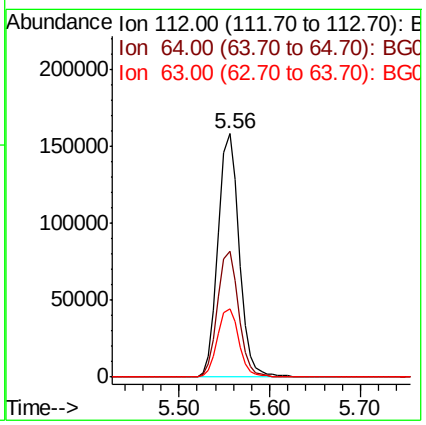


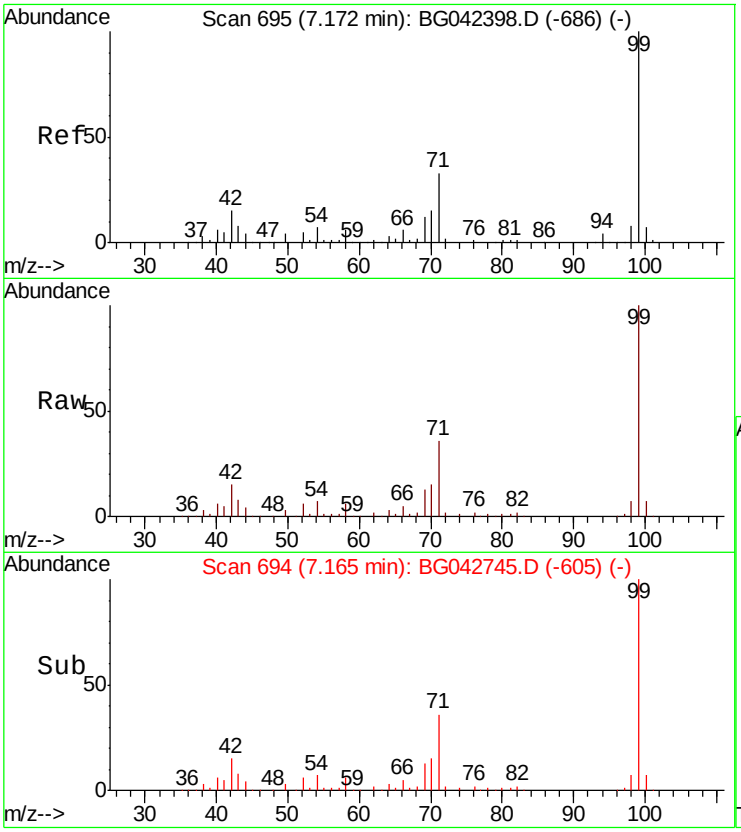


#5
2-Fluorophenol
Concen: 134.237 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Tgt Ion:112 Resp: 256048

Ion	Ratio	Lower	Upper
112	100		
64	51.5	42.8	64.2
63	28.1	22.7	34.1



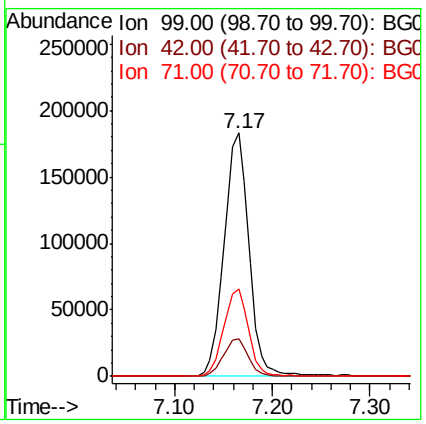


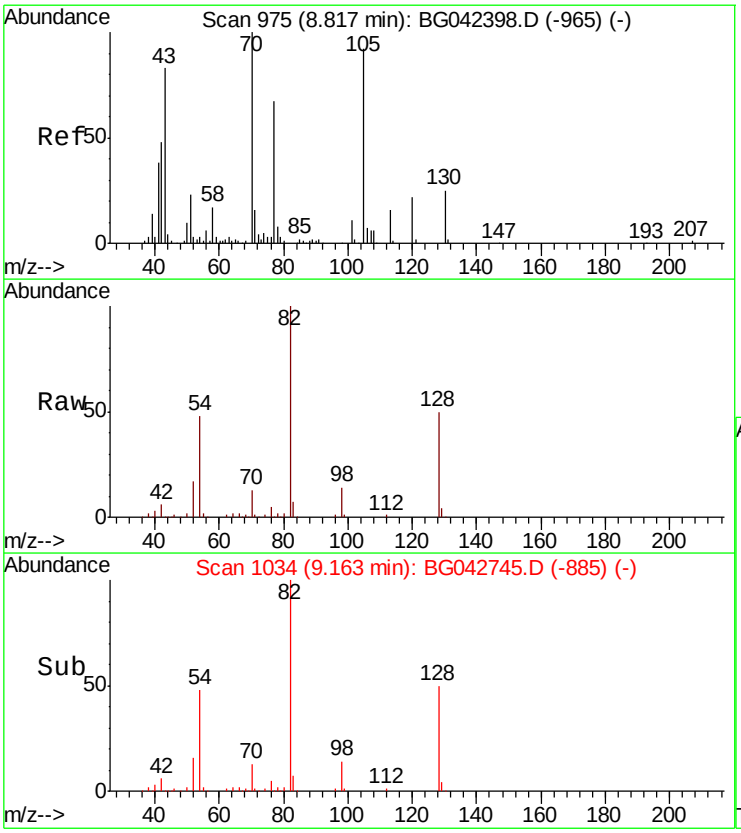
#7
Phenol-d6
Concen: 125.712 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 323899

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.0	18.0
71	35.8	26.3	39.5

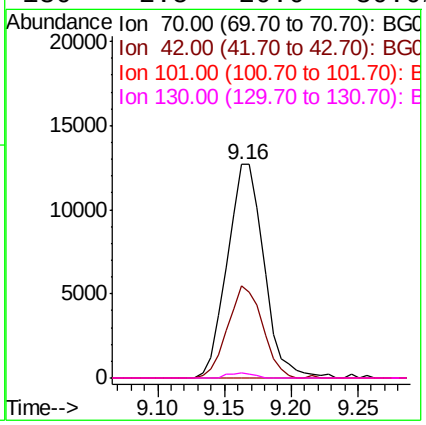


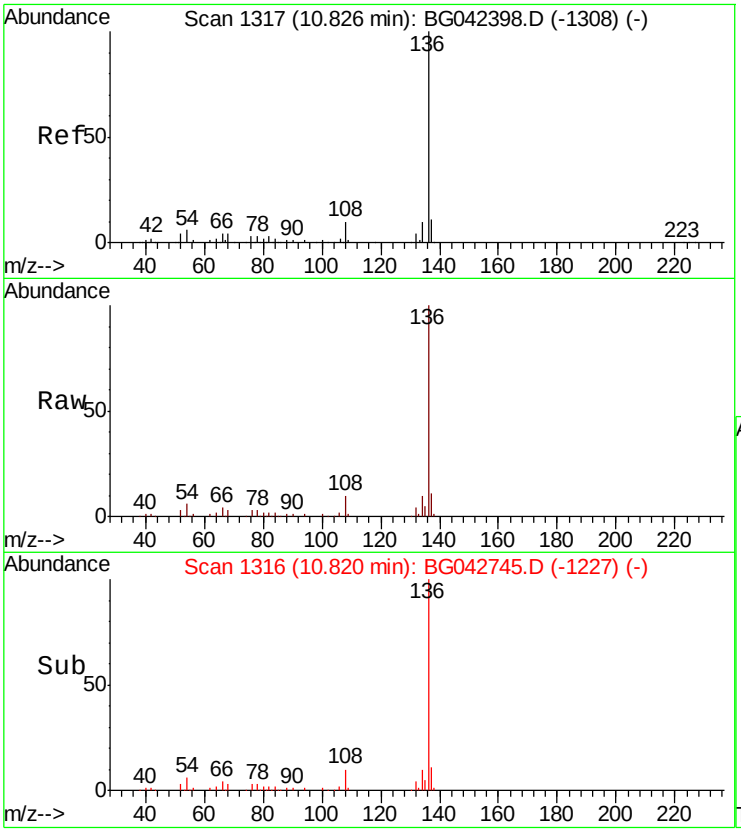


#19
n-Nitroso-di-n-propylamine
Concen: 14.584 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Tgt Ion: 70 Resp: 24344

Ion	Ratio	Lower	Upper
70	100		
42	42.9	38.8	58.2
101	0.0	9.0	13.6#
130	2.5	20.0	30.0#



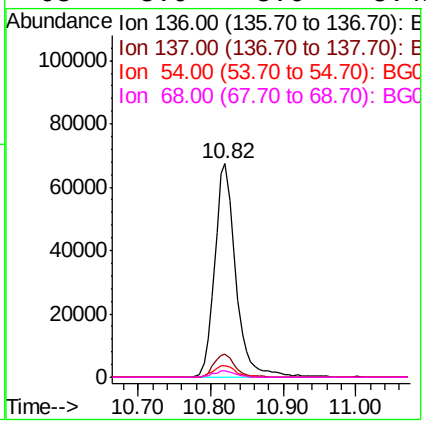


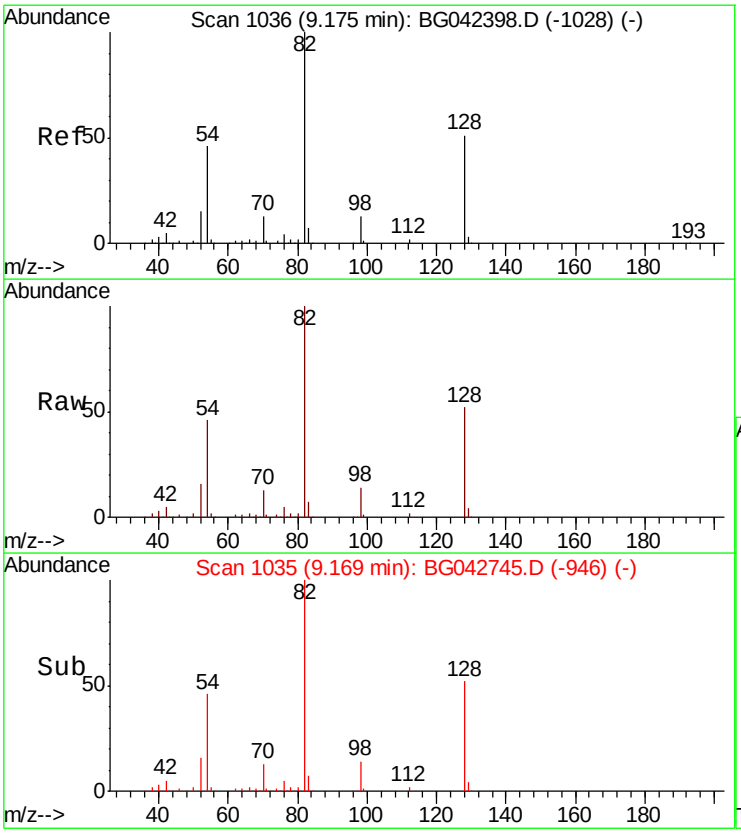
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 136044

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.7	4.9	7.3
68	3.0	3.6	5.4#

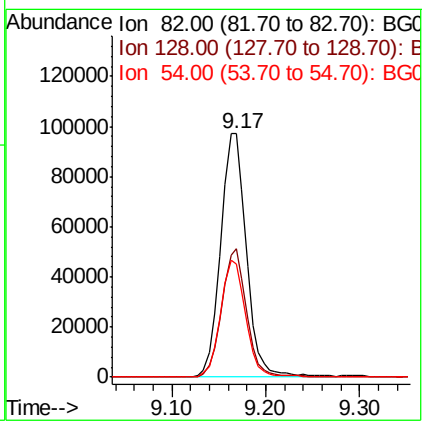


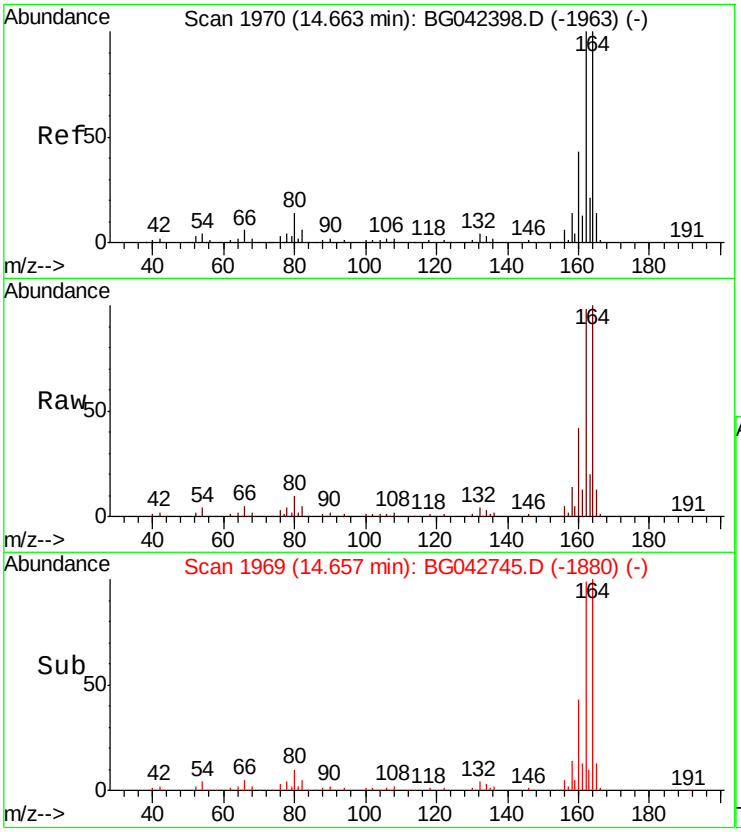


#23
Nitrobenzene-d5
Concen: 94.279 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Tgt Ion: 82 Resp: 185605

Ion	Ratio	Lower	Upper
82	100		
128	52.5	40.7	61.1
54	46.5	36.3	54.5



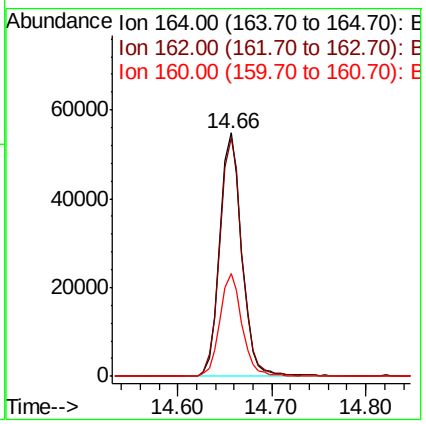


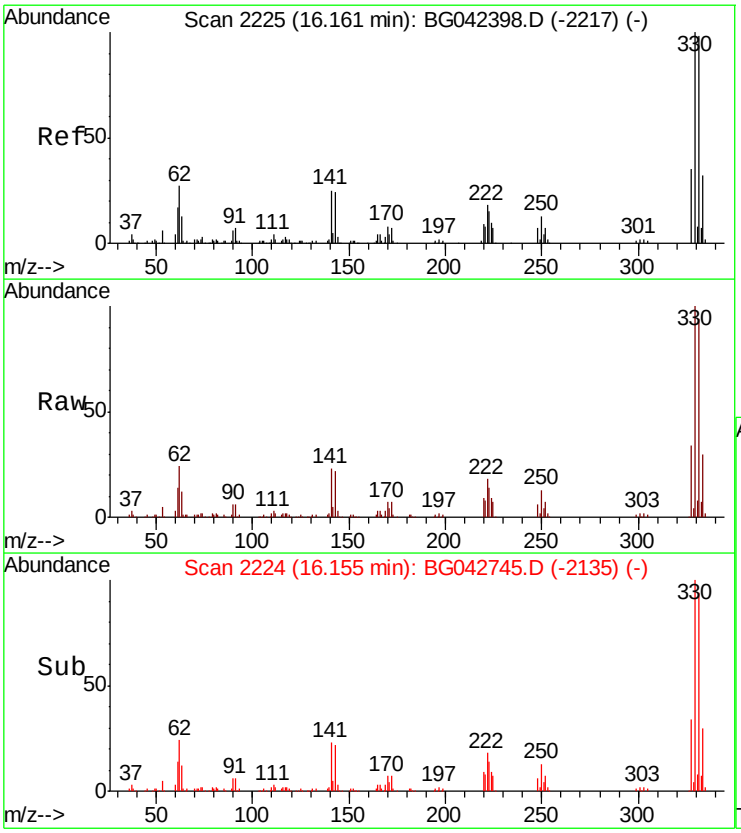
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 89856

Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.9	119.9
160	42.5	34.3	51.5

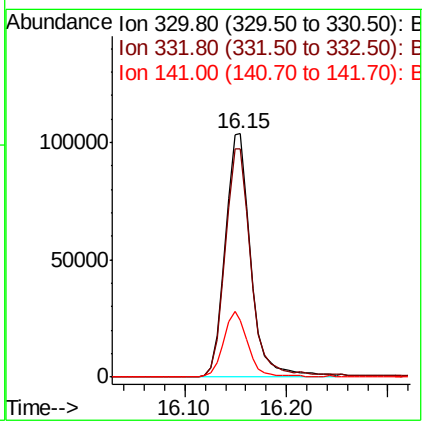


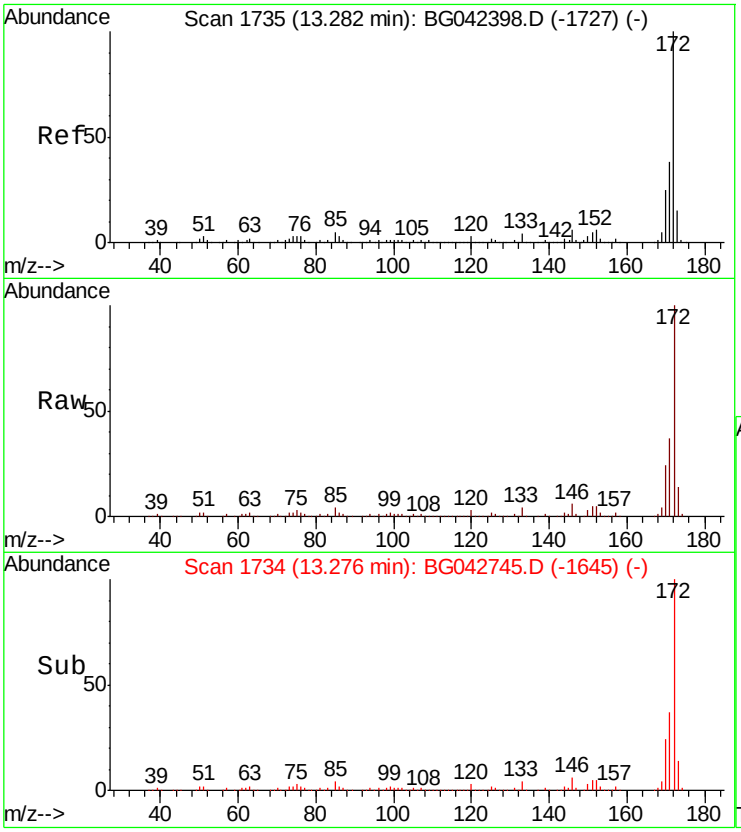


#42
2,4,6-Tribromophenol
Concen: 142.006 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Tgt Ion:330 Resp: 181364

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	26.0	21.4	32.0



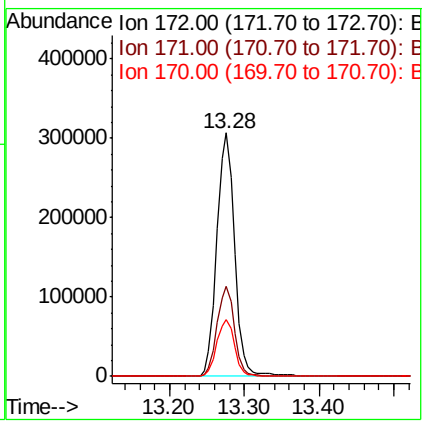


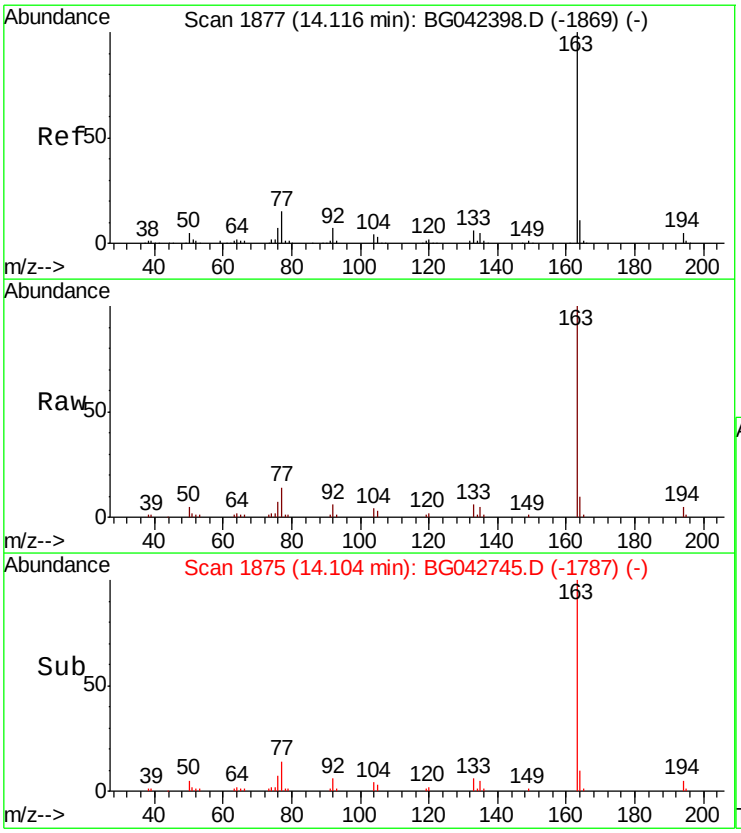
#45
2-Fluorobiphenyl
Concen: 96.112 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 510631

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.5	45.7
170	23.6	20.2	30.2

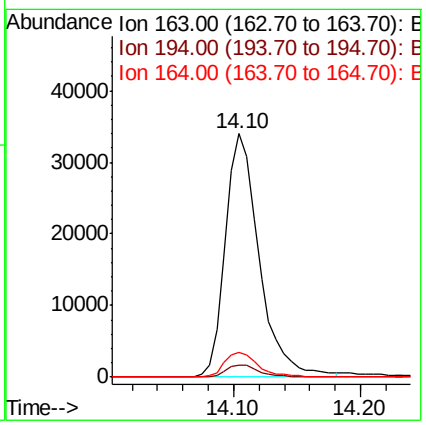


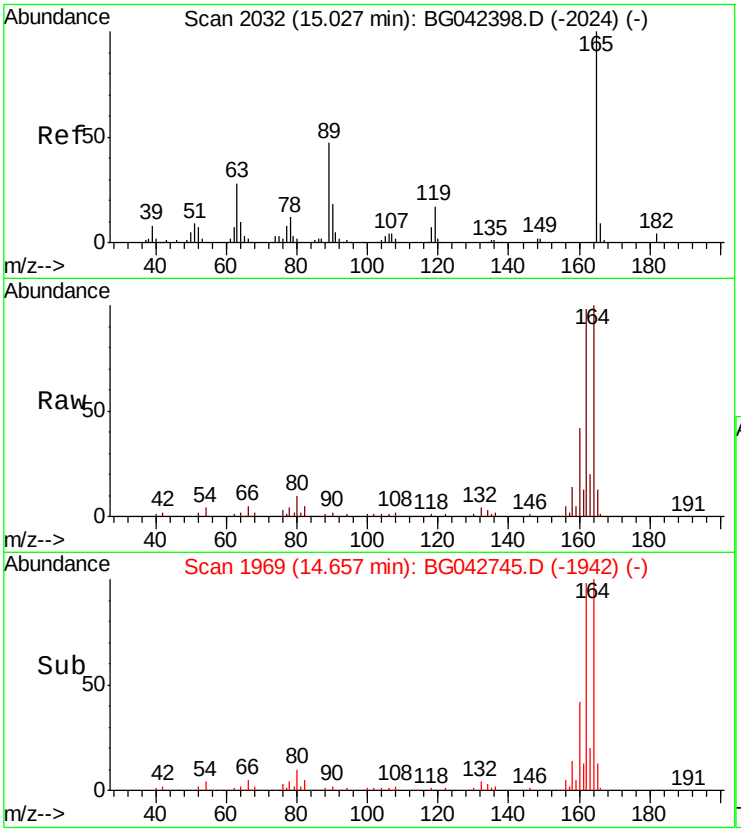


#50
Dimethylphthalate
Concen: 9.722 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Tgt Ion:163 Resp: 63033

Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.2	6.2
164	10.2	8.8	13.2



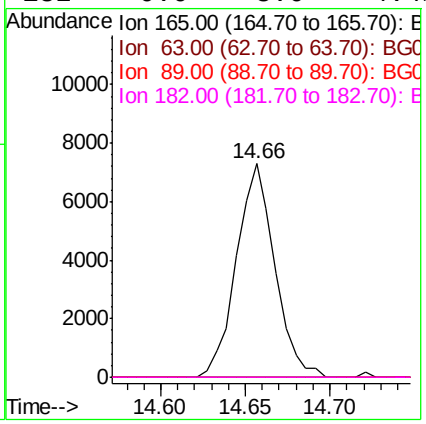


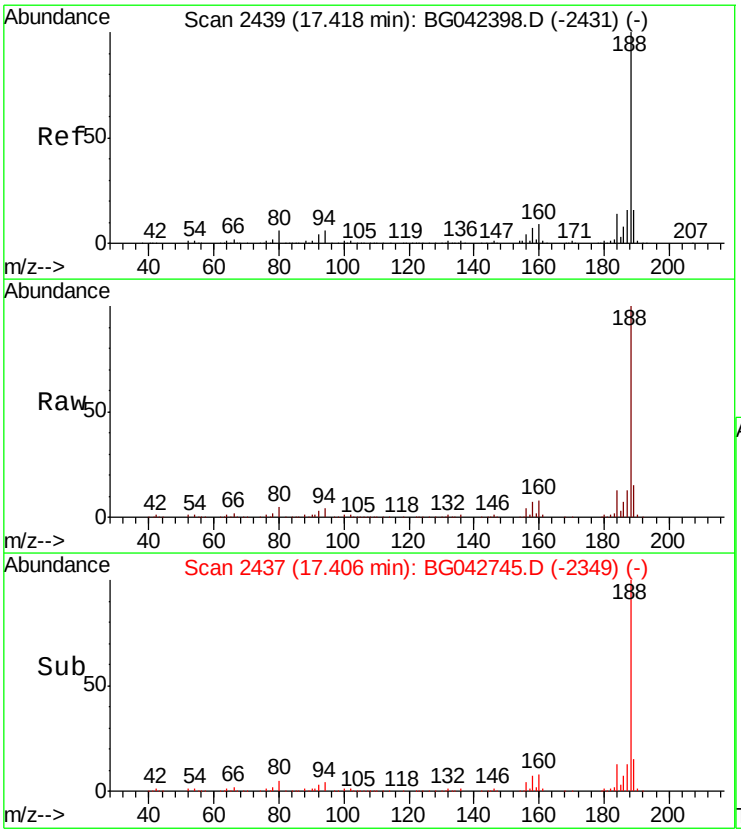
#57
2,4-Dinitrotoluene
Concen: 5.338 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11488

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

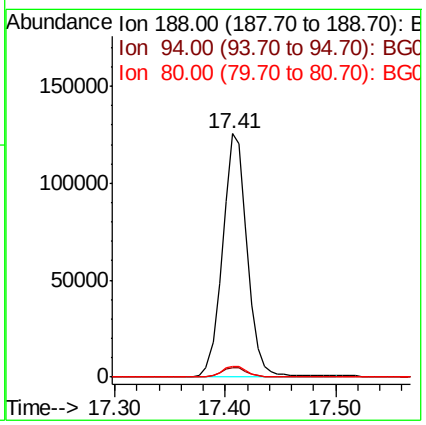


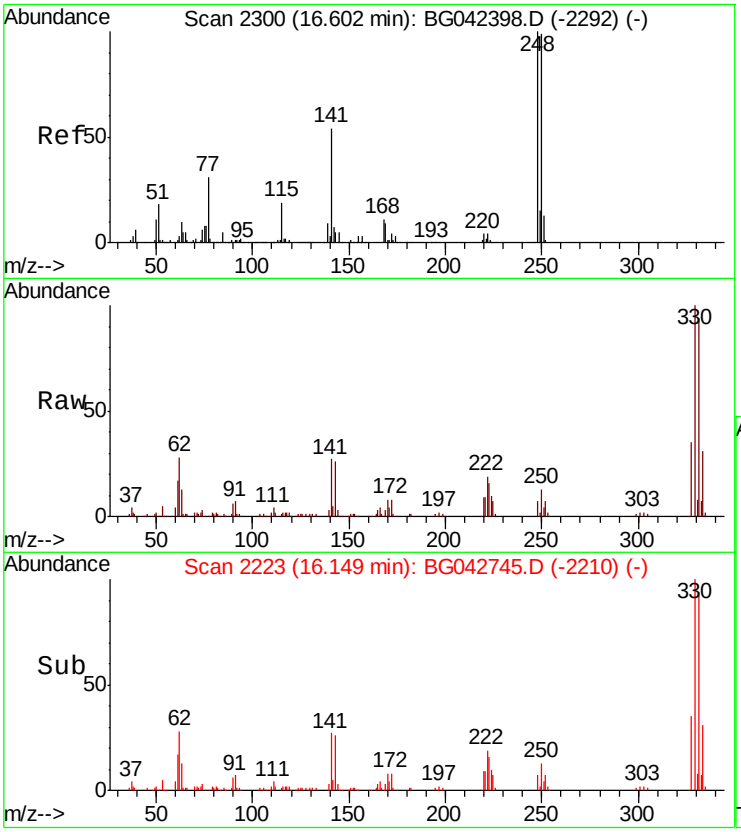


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Tgt Ion:188 Resp: 195843

Ion	Ratio	Lower	Upper
188	100		
94	4.0	4.5	6.7#
80	4.6	4.9	7.3#



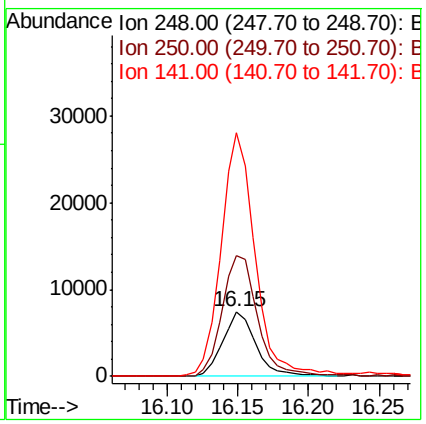


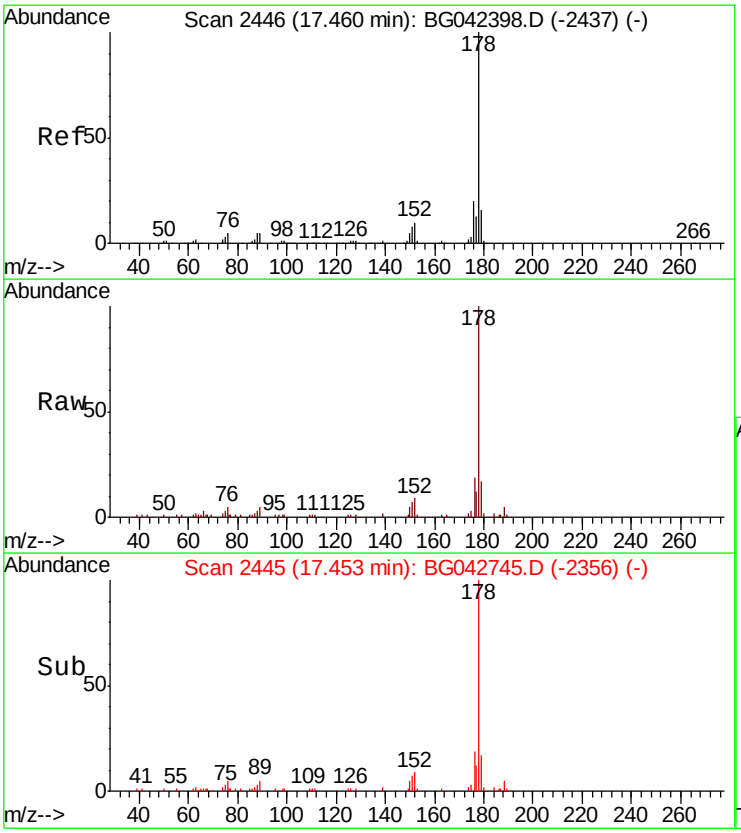
#67
4-Bromophenyl-phenylether
Concen: 4.840 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 12024

Ion	Ratio	Lower	Upper
248	100		
250	187.1	78.9	118.3#
141	376.7	43.3	64.9#

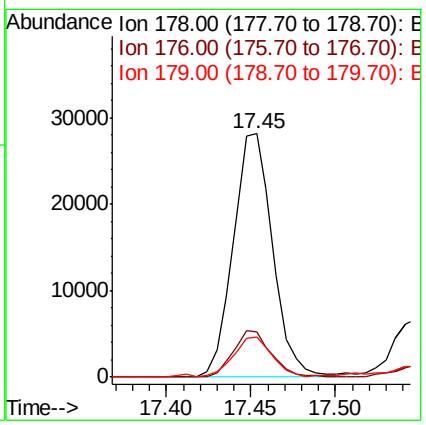


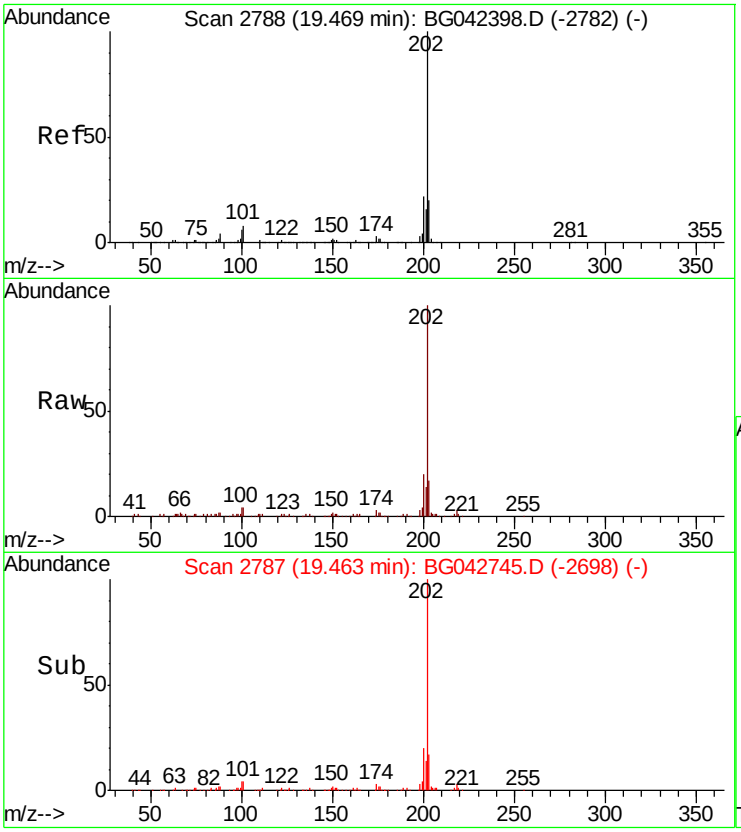


#71
Phenanthrene
Concen: 4.705 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Tgt Ion:178 Resp: 45773

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	16.6	12.7	19.1



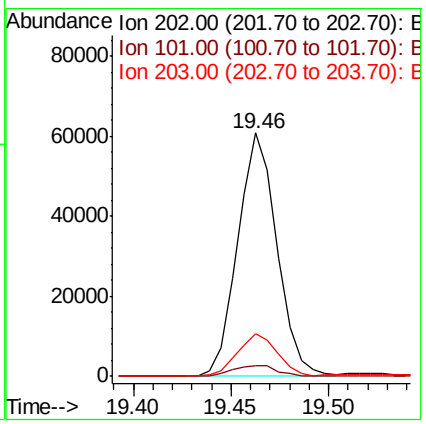


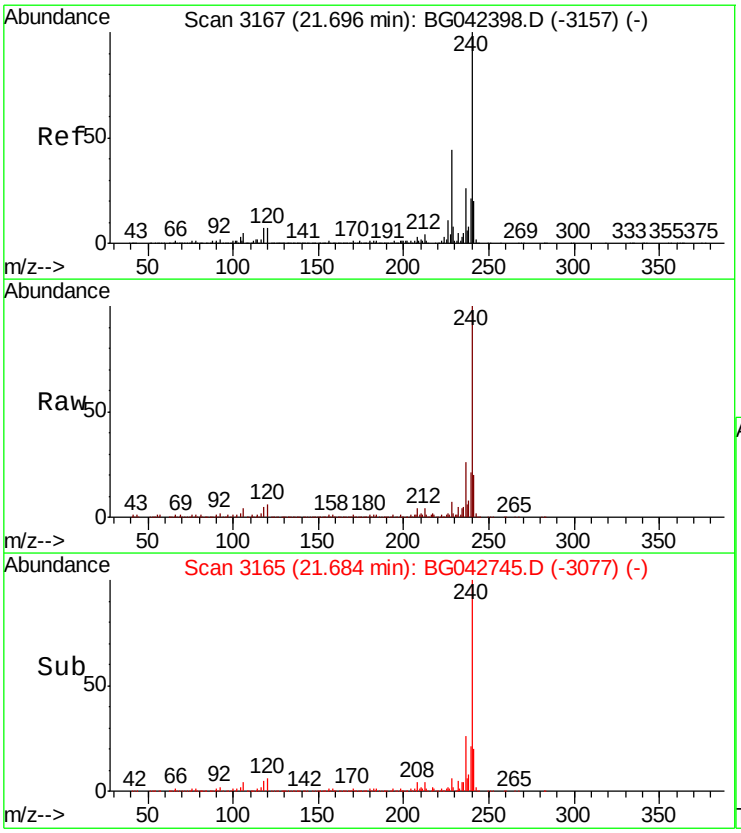
#75
Fluoranthene
Concen: 7.123 ng
RT: 19.46 min Scan# 2787
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 84565

Ion	Ratio	Lower	Upper
202	100		
101	4.3	0.0	28.3
203	17.4	0.0	39.6

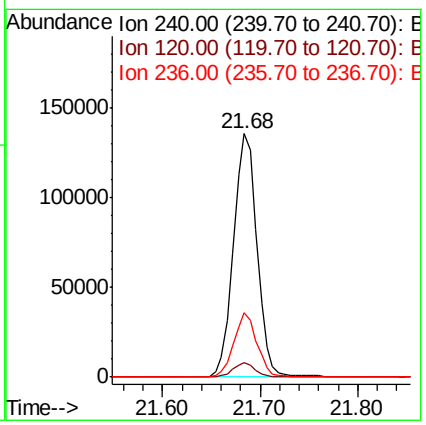


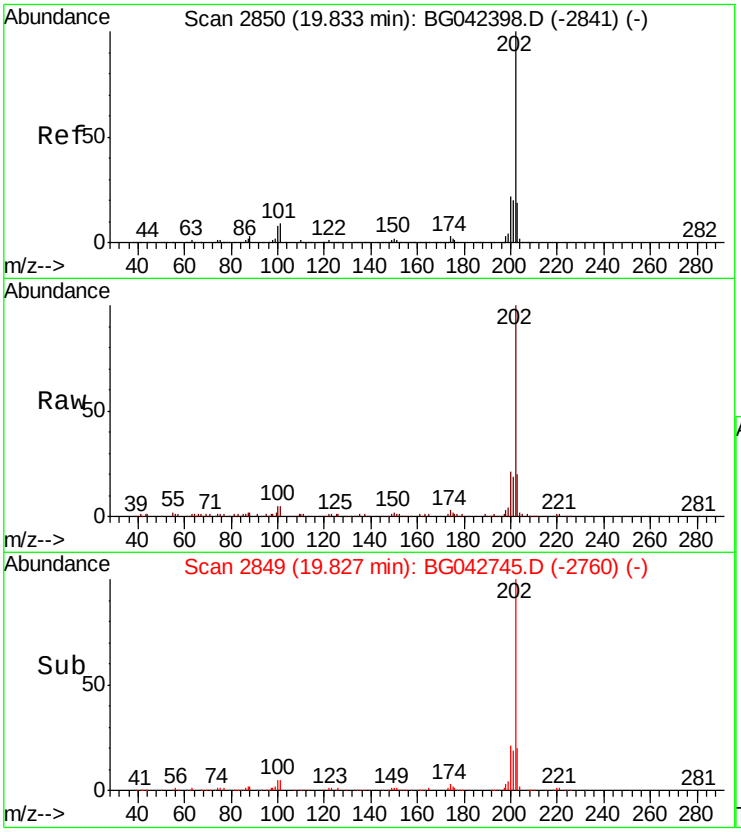


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Tgt Ion:240 Resp: 228000

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.7	8.5
236	26.4	21.0	31.4



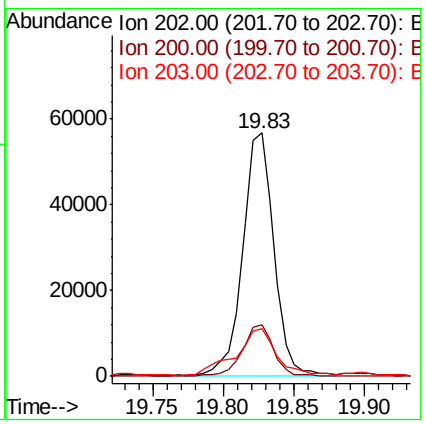


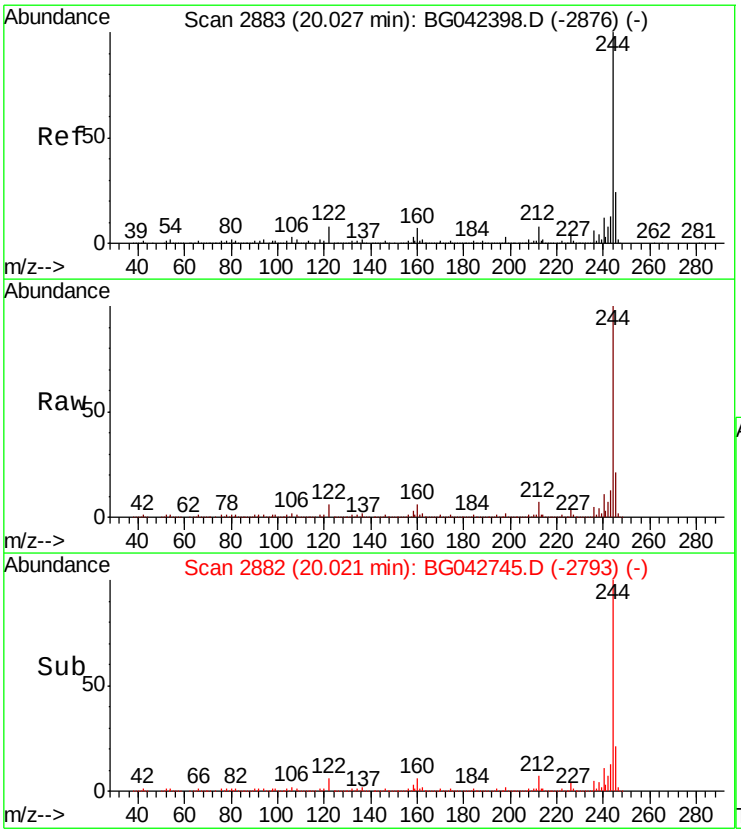
#78
Pyrene
Concen: 6.327 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 88438

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	19.6	15.5	23.3

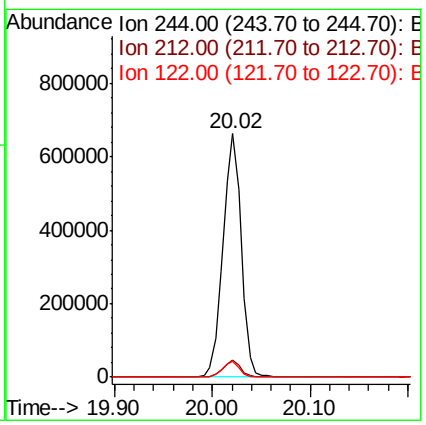


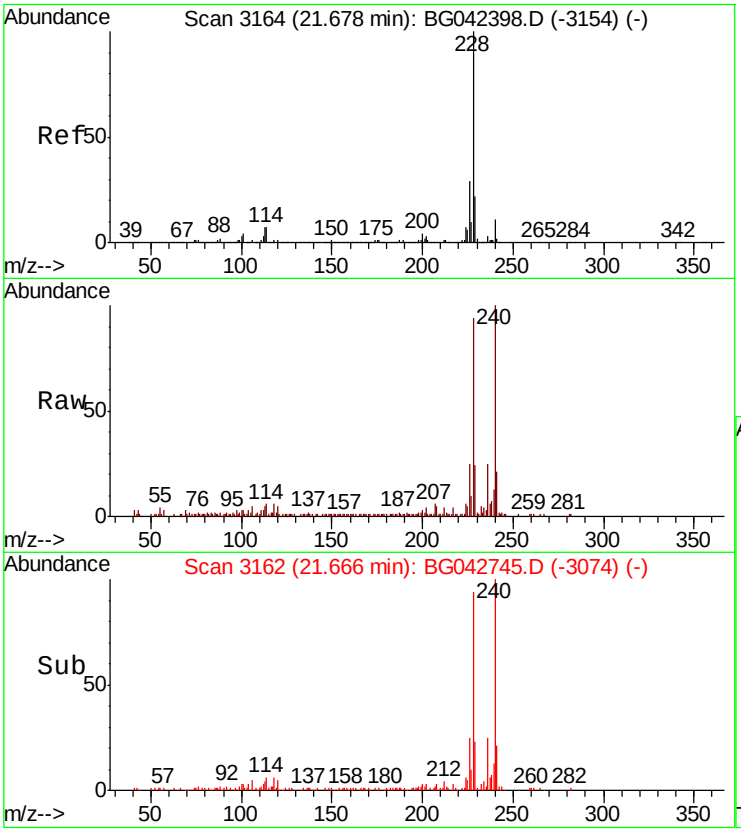


#79
Terphenyl-d14
Concen: 81.289 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Tgt Ion:244 Resp: 857288

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	6.3	6.7	10.1#



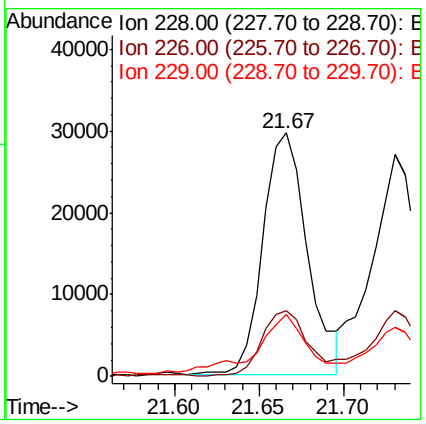


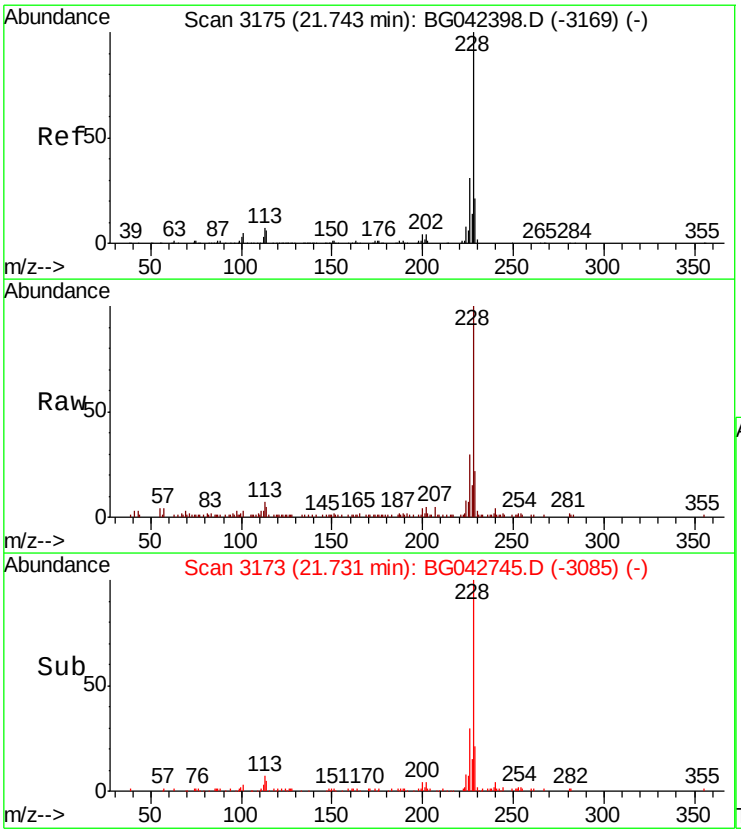
#81
Benzo(a)anthracene
Concen: 3.926 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 54457

Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.4	35.2
229	25.5	17.4	26.2

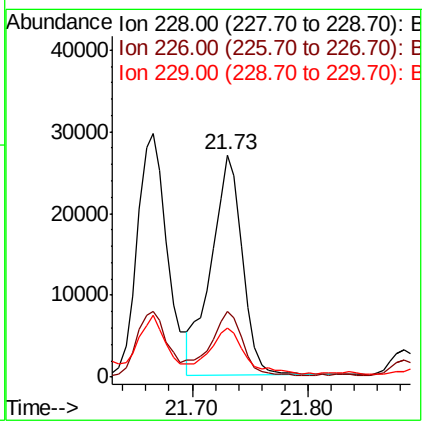


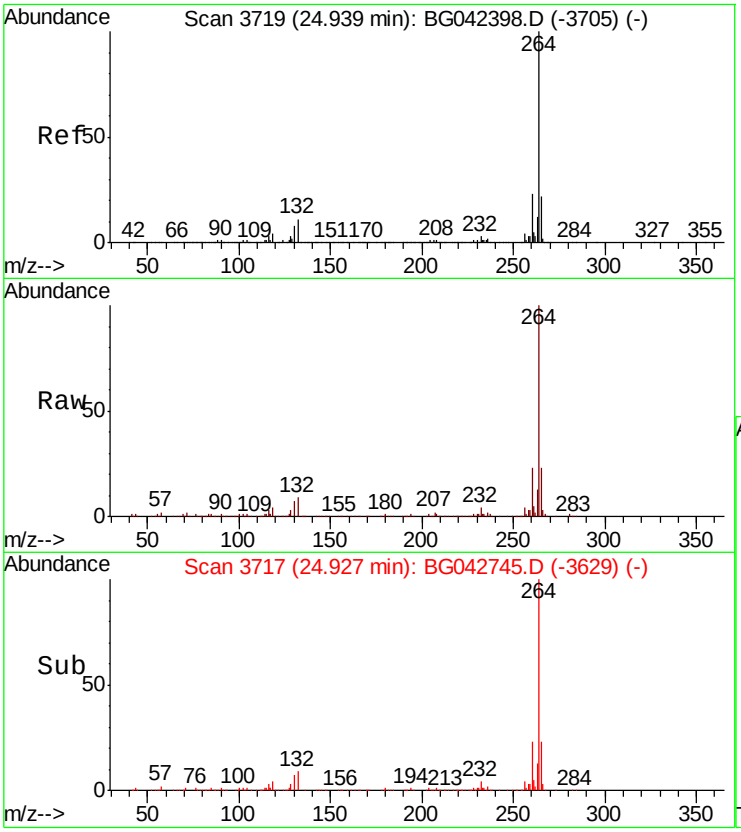


#83
Chrysene
Concen: 3.775 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Tgt Ion:228 Resp: 50498

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	22.1	16.9	25.3



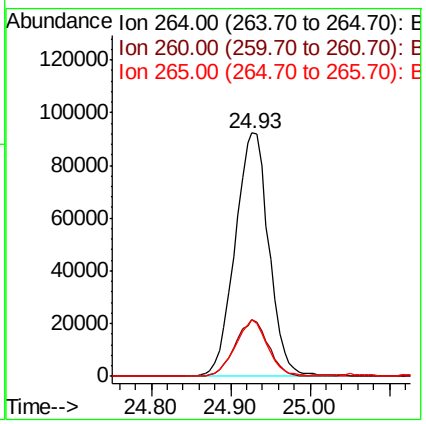


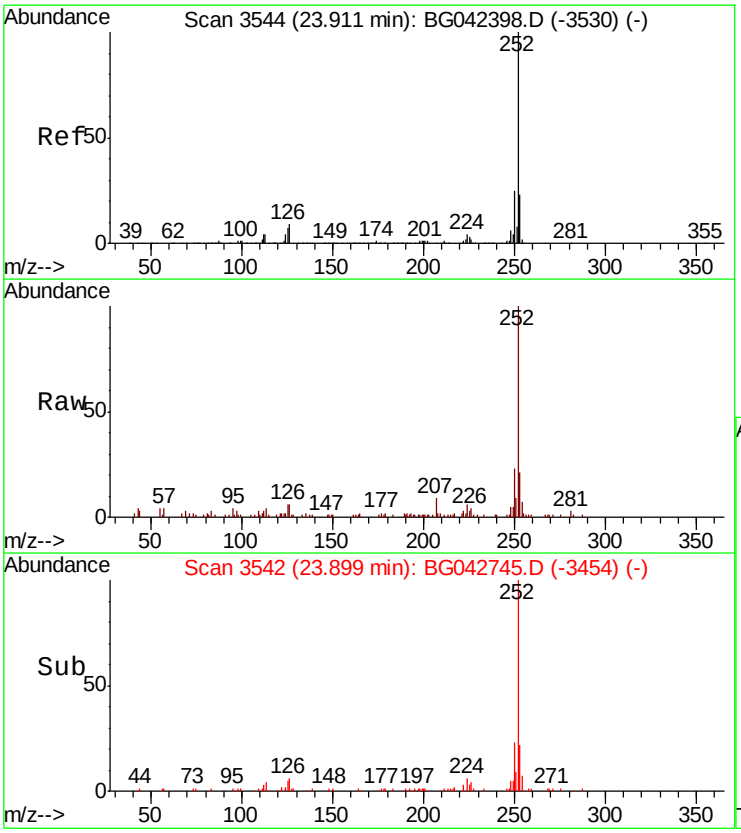
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 273235

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	23.3	17.6	26.4

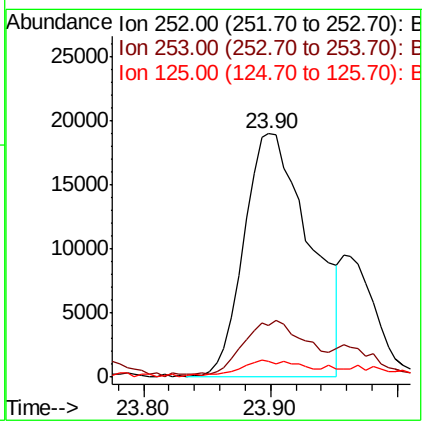


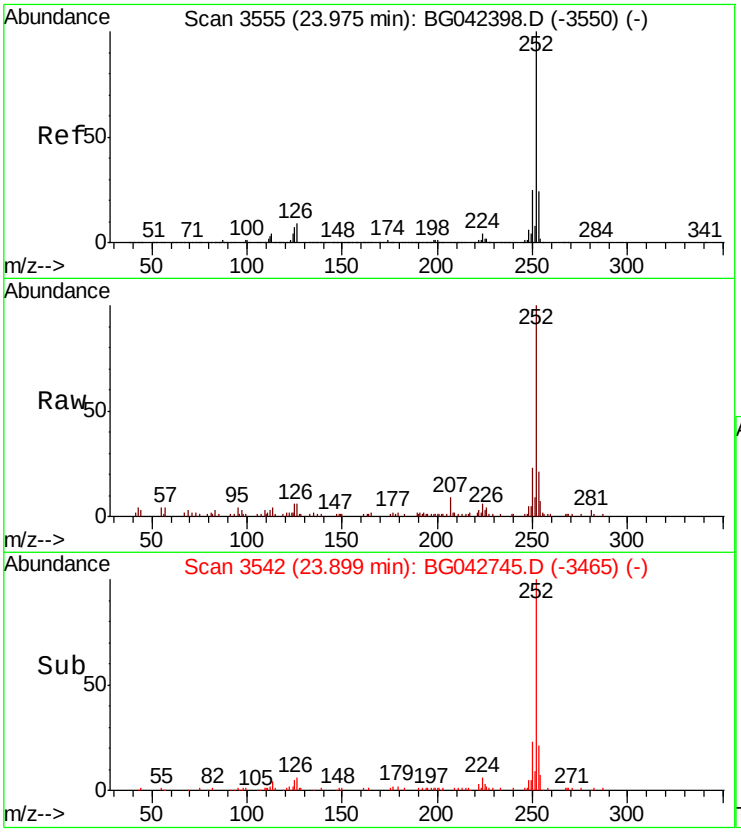


#88
Benzo(b)fluoranthene
Concen: 4.558 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Tgt Ion:252 Resp: 68467

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.6	27.8
125	6.4	5.6	8.4



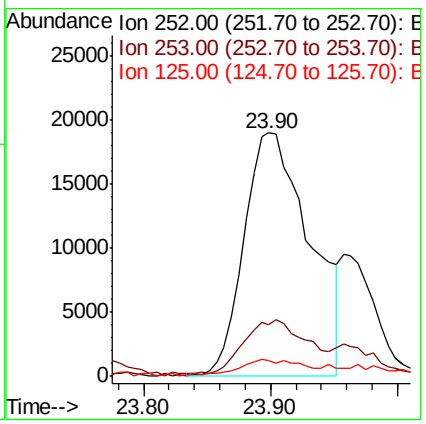


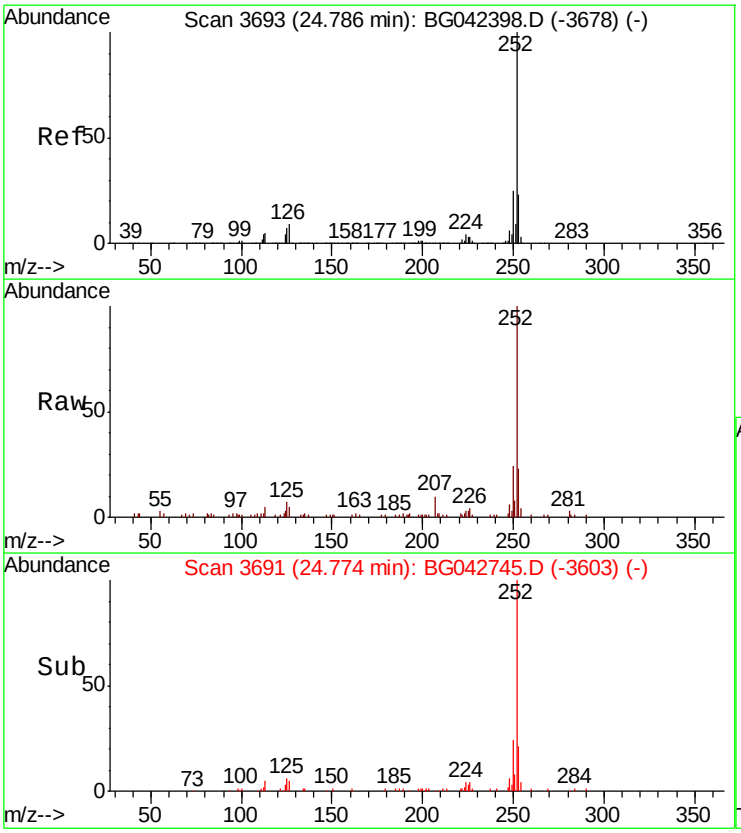
#89
Benzo(k)fluoranthene
Concen: 4.742 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.08 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 68467

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.6	27.8
125	6.4	5.8	8.6

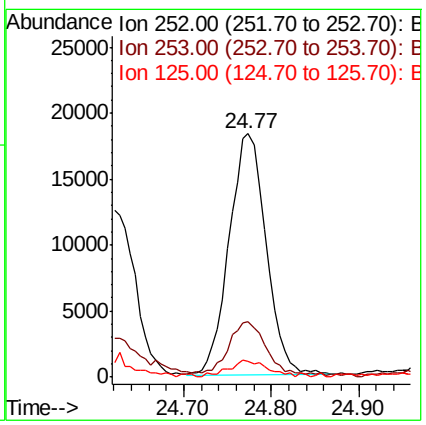


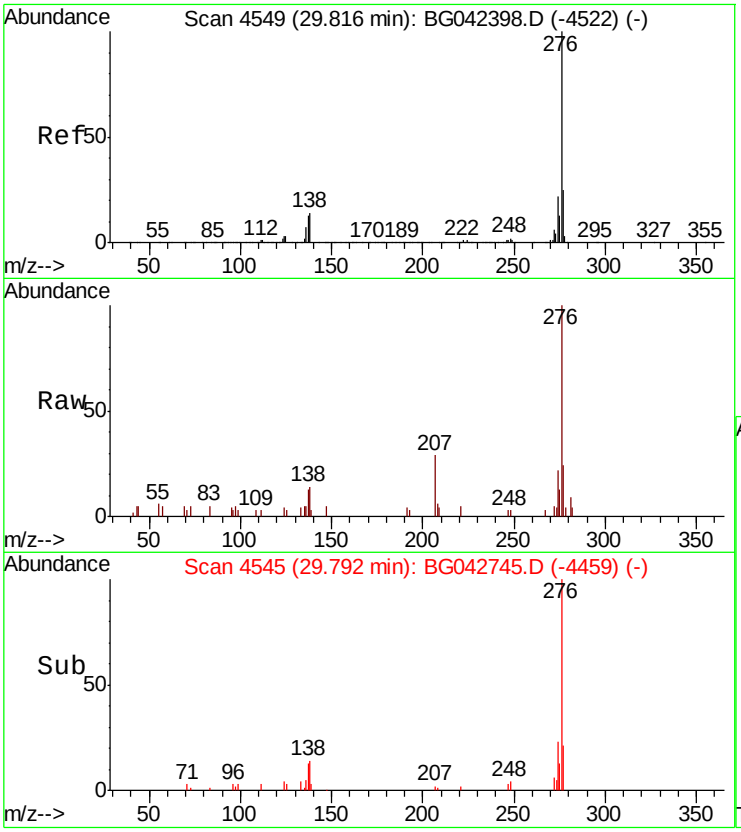


#90
Benzo(a)pyrene
Concen: 3.697 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Tgt Ion:252 Resp: 52704

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	6.5	6.0	9.0





#92
Benzo(g,h,i)perylene
Concen: 2.316 ng
RT: 29.79 min Scan# 4545
Delta R.T. -0.02 min
Lab File: BG042745.D
Acq: 6 Sep 2019 8:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 33437

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	16.7	11.4	17.0