Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042517.D
Acq On : 27 Aug 2019 23:21
Operator : HP/JU
Sample : K4526-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 28 01:30:00 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	33422	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	127972	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	97806	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	249389	20.00	ng		0.00
76) Chrysene-d12	21.68	240	297448	20.00	ng		-0.01
87) Perylene-d12	24.92	264	352483	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	149574	90.64	ng		0.00
7) Phenol-d6	7.16	99	200058	89.75	ng		-0.01
23) Nitrobenzene-d5	9.16	82	109494	59.13	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	123848	89.09	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	323549	55.95	ng		0.00
79) Terphenyl-d14	20.02	244	692983	50.37	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.19	94	5962	2.631	ng	#	75
19) n-Nitroso-di-n-propylamine	9.16	70	13952	9.661	ng	#	73
50) Dimethylphthalate	14.11	163	20698	2.933	ng	#	96
51) 2,6-Dinitrotoluene	14.66	165	12664	7.742	ng	#	36
57) 2,4-Dinitrotoluene	14.66	165	12664	5.406	ng	#	38
67) 4-Bromophenyl-phenylether	16.15	248	8720	2.757	ng	#	1
71) Phenanthrene	17.45	178	77964	6.294	ng		97
75) Fluoranthene	19.46	202	160282	10.602	ng		97
78) Pyrene	19.83	202	141248	7.745	ng		97
81) Benzo(a)anthracene	21.67	228	73049	4.037	ng		99
83) Chrysene	21.73	228	80334	4.604	ng		98
86) Indeno(1,2,3-cd)pyrene	28.62	276	57232	2.413	ng	#	94
88) Benzo(b)fluoranthene	23.89	252	112238	5.792	ng		99
89) Benzo(k)fluoranthene	23.89	252	112238	6.026	ng		99
90) Benzo(a)pyrene	24.77	252	75985	4.132	ng		97
92) Benzo(g,h,i)perylene	29.76	276	55817	2.998	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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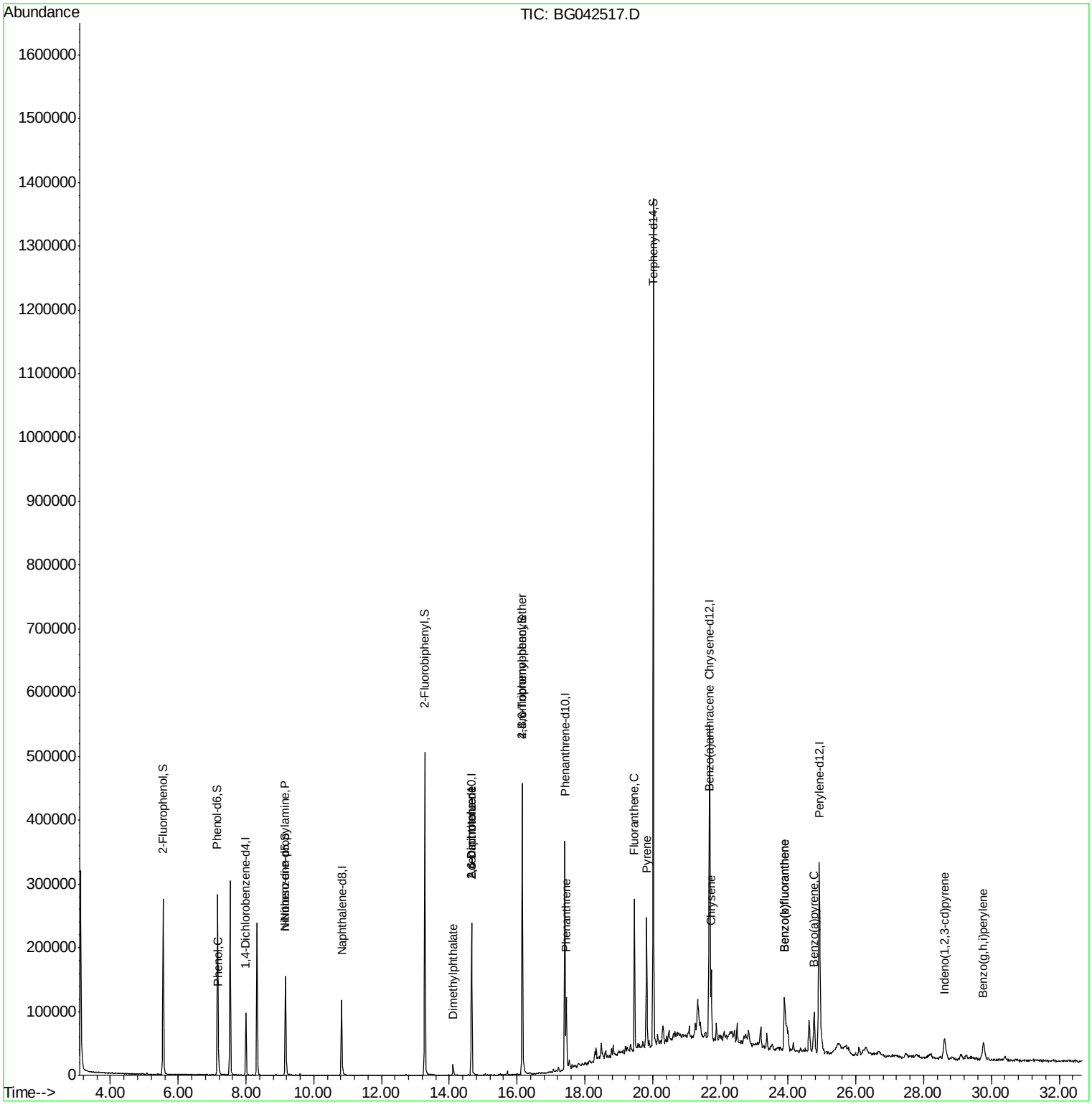
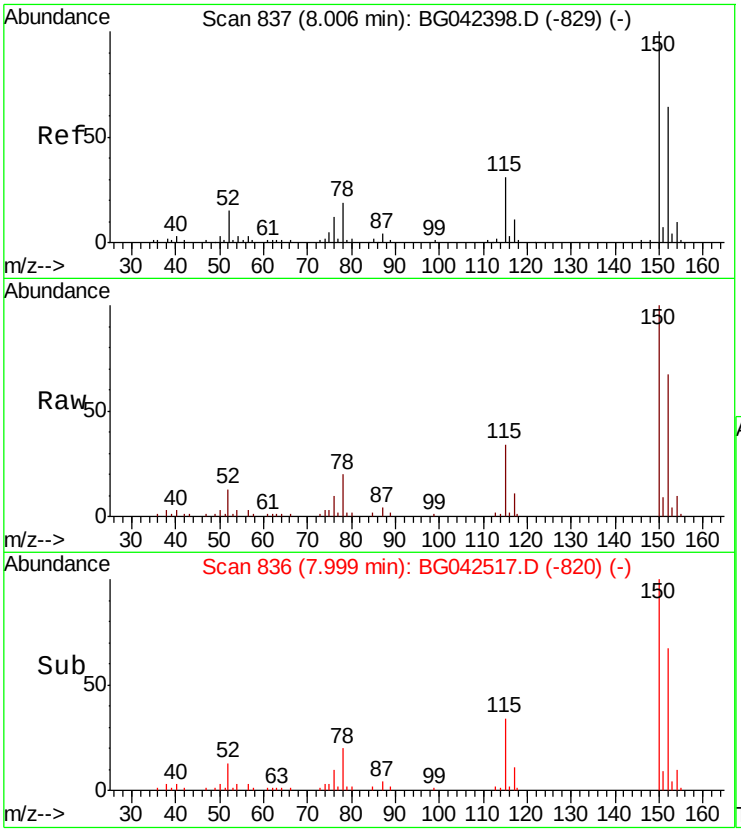
ClientSampleId :

Quant Time: Aug 28 01:30:00 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



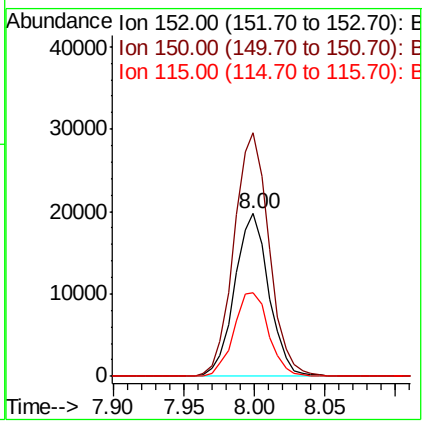


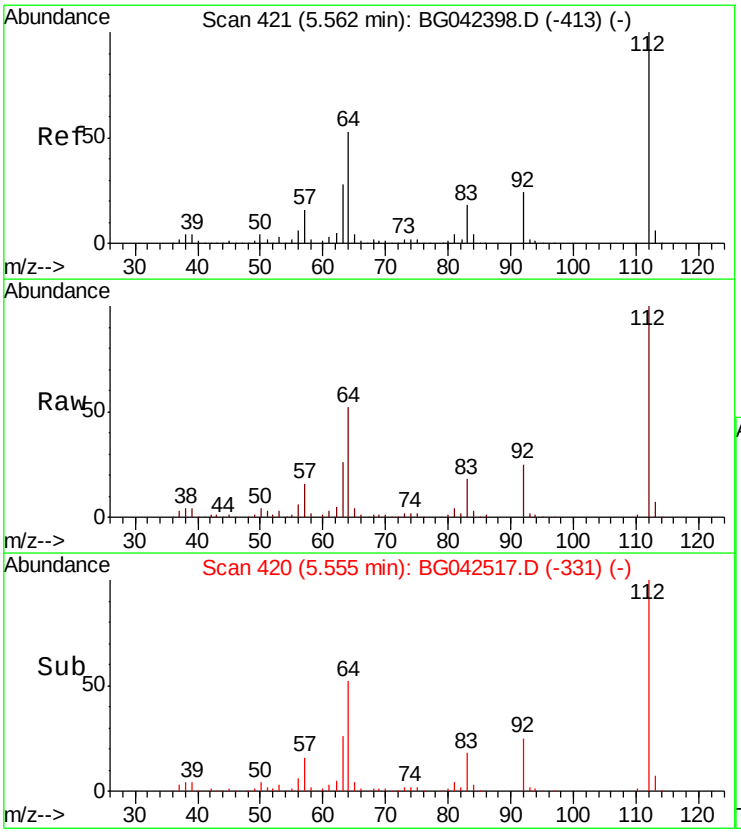
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 33422

Ion	Ratio	Lower	Upper
152	100		
150	149.9	125.4	188.0
115	51.5	38.5	57.7

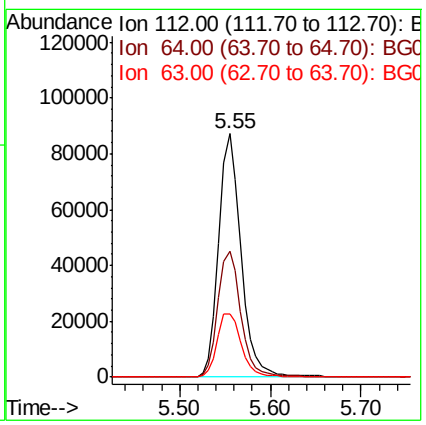


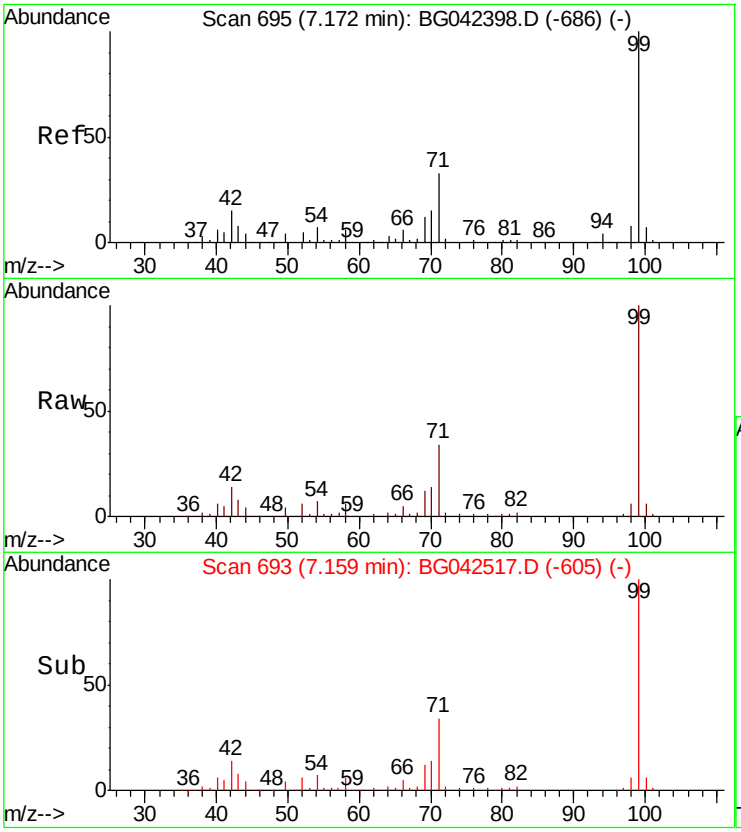


#5
2-Fluorophenol
Concen: 90.638 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion:112 Resp: 149574

Ion	Ratio	Lower	Upper
112	100		
64	51.7	42.8	64.2
63	26.2	22.7	34.1



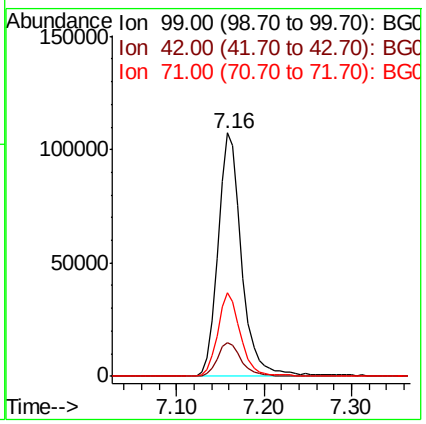


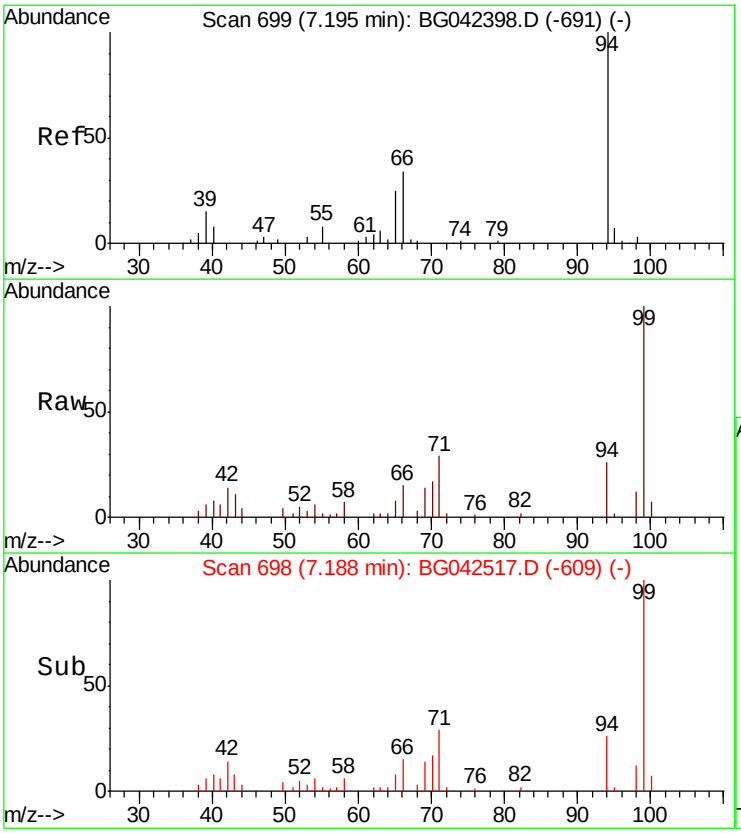
#7
Phenol-d6
Concen: 89.749 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 200058

Ion	Ratio	Lower	Upper
99	100		
42	13.9	12.0	18.0
71	34.5	26.3	39.5

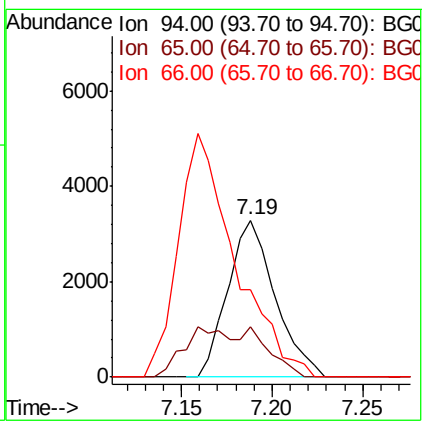


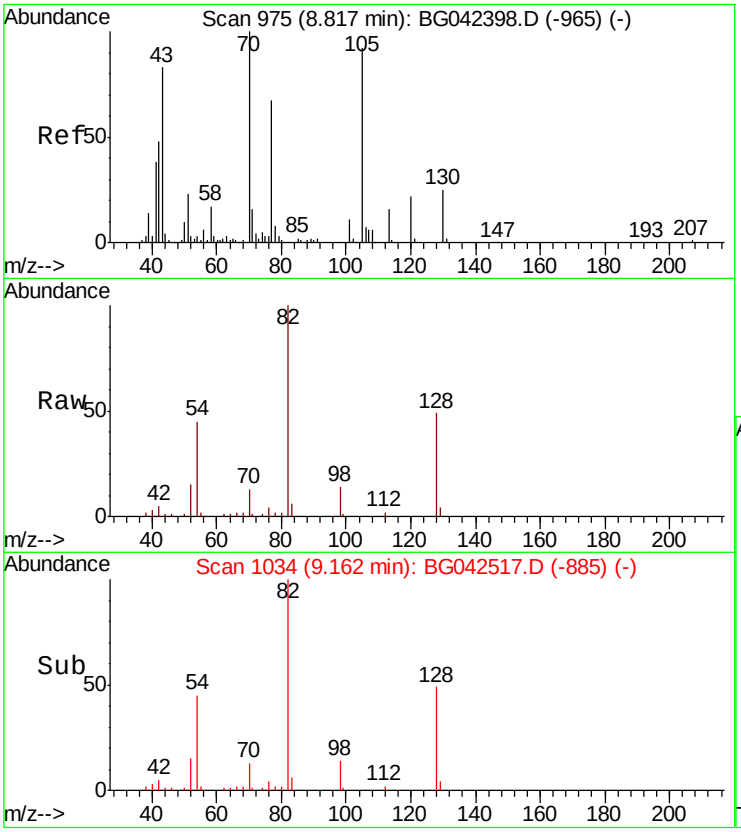


#10
Phenol
Concen: 2.631 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion: 94 Resp: 5962

Ion	Ratio	Lower	Upper
94	100		
65	32.2	5.6	45.6
66	56.0	16.0	56.0#



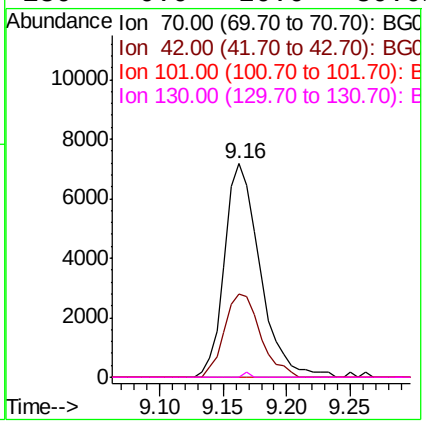


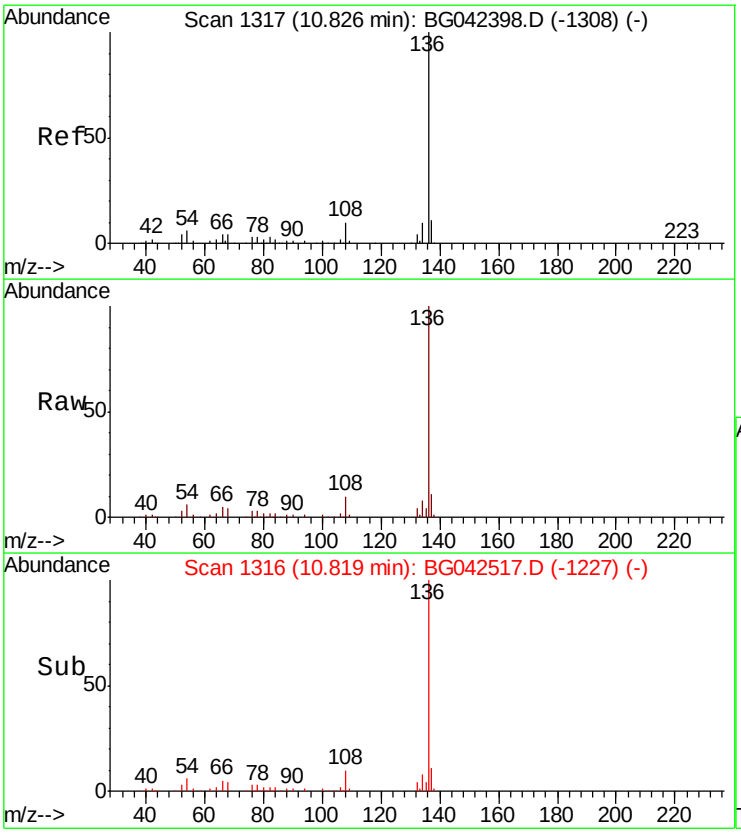
#19
n-Nitroso-di-n-propylamine
Concen: 9.661 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 13952

Ion	Ratio	Lower	Upper
70	100		
42	39.0	38.8	58.2
101	0.0	9.0	13.6#
130	0.0	20.0	30.0#

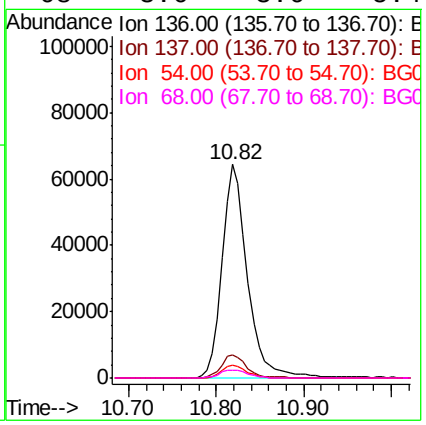


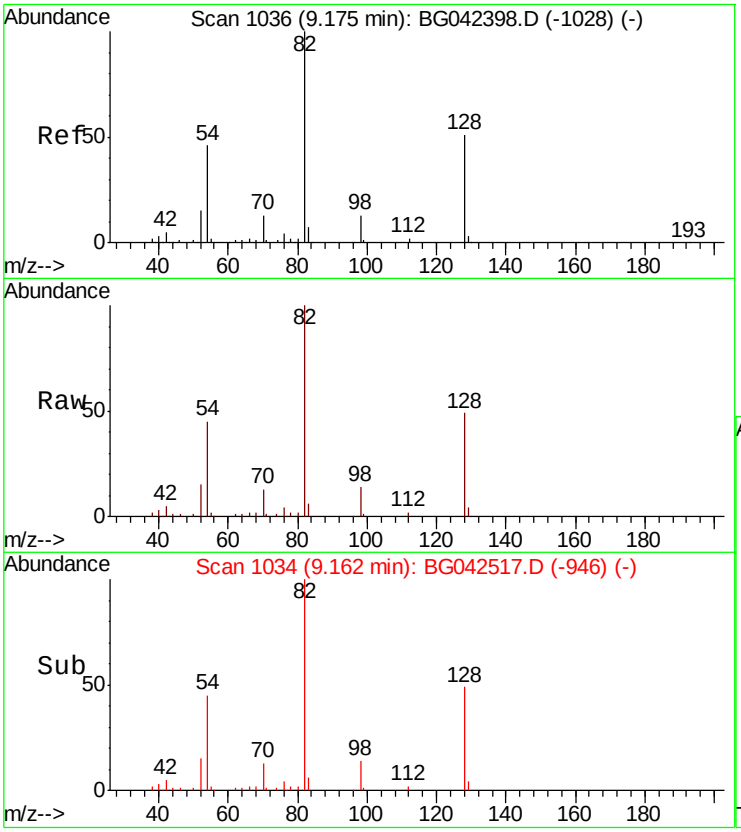


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion:136 Resp: 127972

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	5.9	4.9	7.3
68	3.6	3.6	5.4



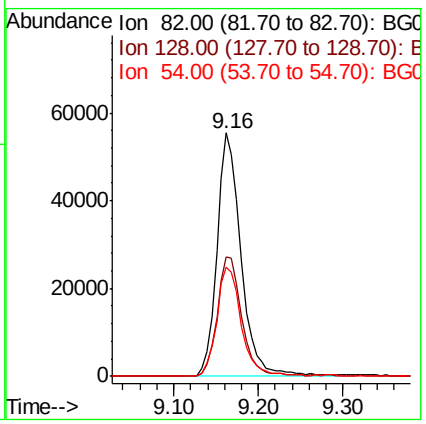


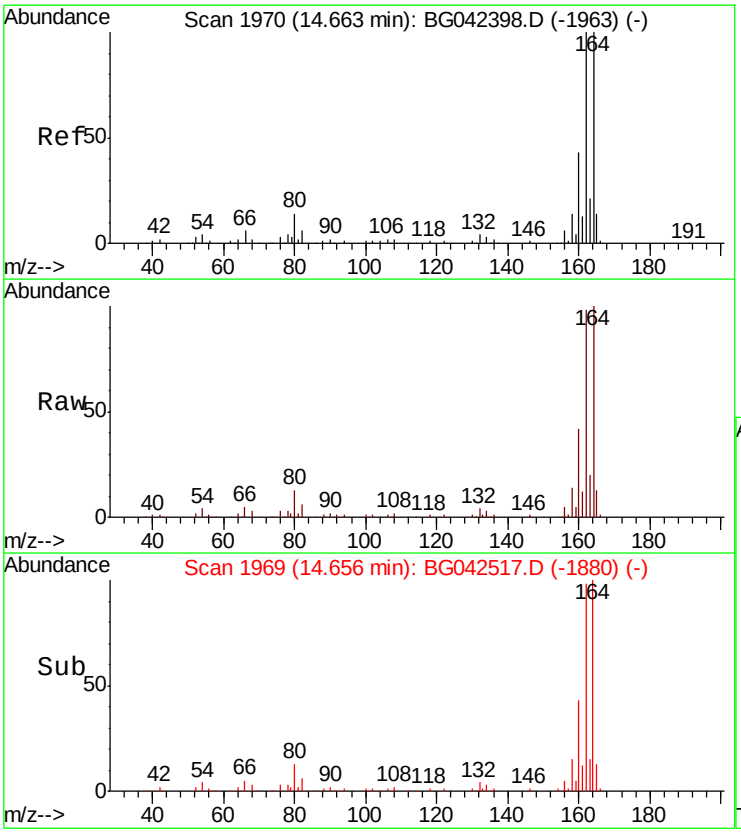
#23
Nitrobenzene-d5
Concen: 59.126 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 109494

Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.7	61.1
54	45.1	36.3	54.5

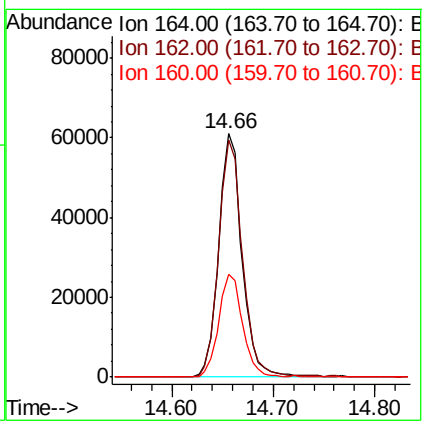


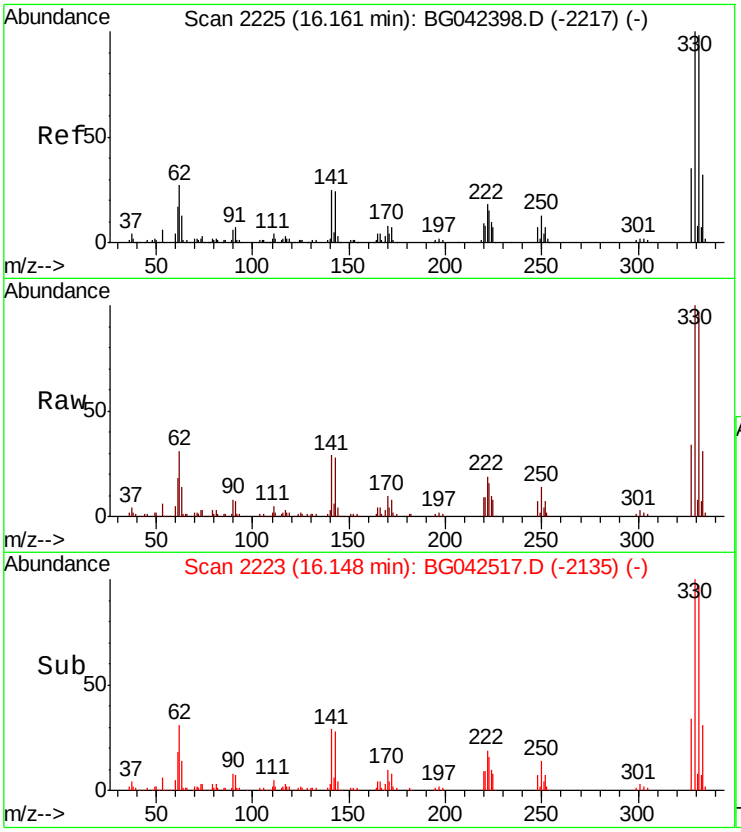


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion:164 Resp: 97806

Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.9	119.9
160	42.3	34.3	51.5



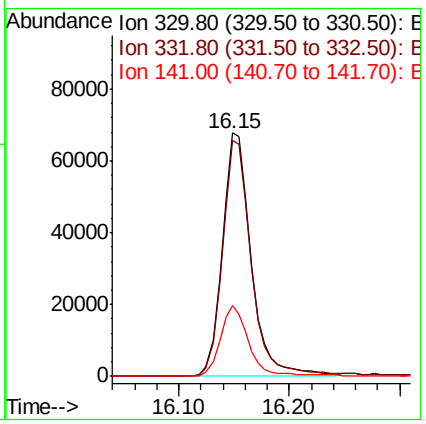


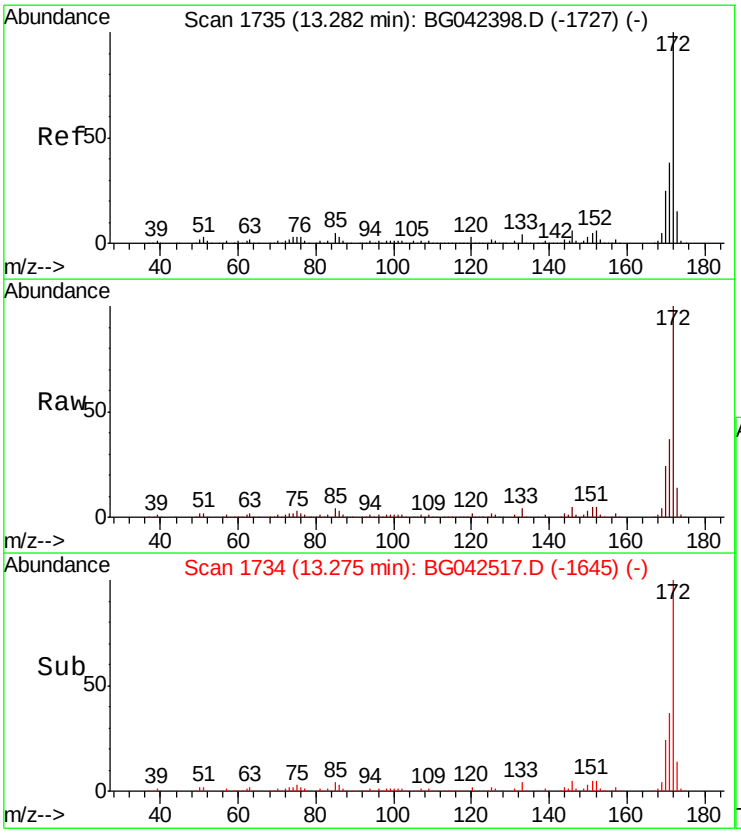
#42
2,4,6-Tribromophenol
Concen: 89.090 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 123848

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.0
141	29.0	21.4	32.0

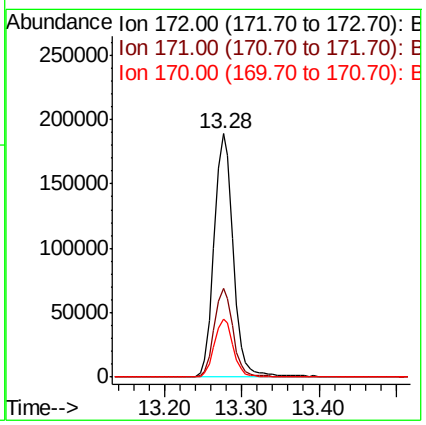


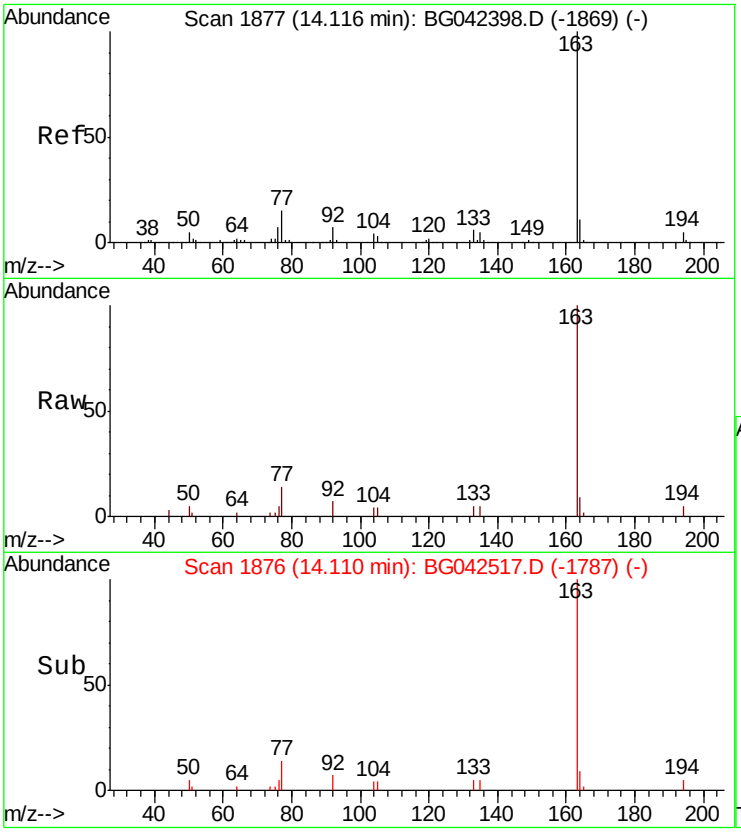


#45
2-Fluorobiphenyl
Concen: 55.949 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion:172 Resp: 323549

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	23.6	20.2	30.2



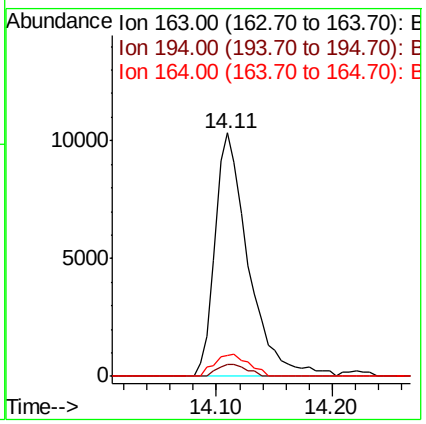


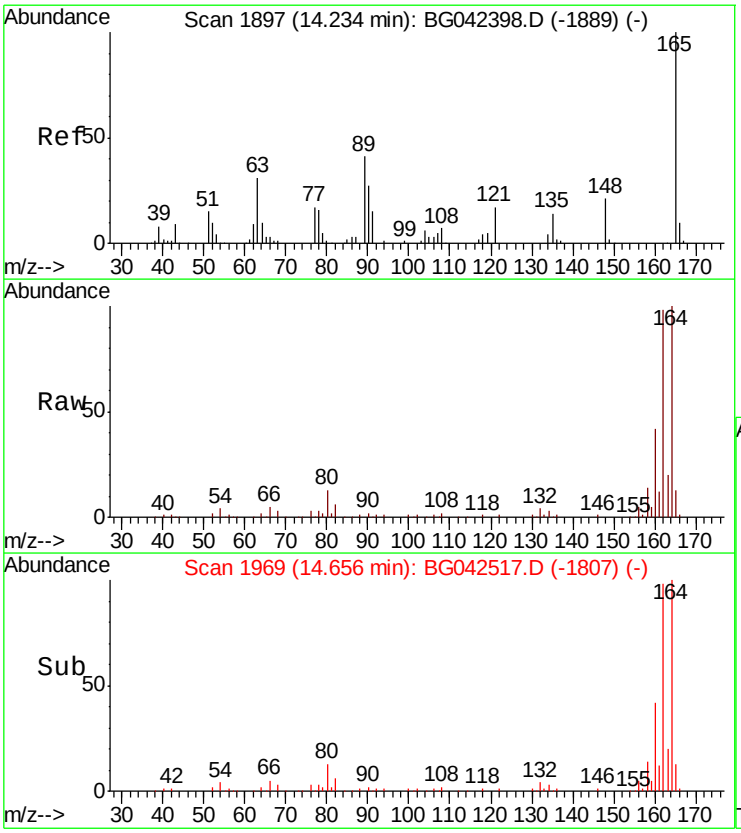
#50
Dimethylphthalate
Concen: 2.933 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 20698

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

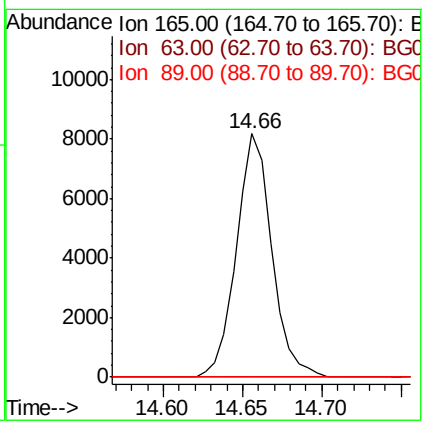


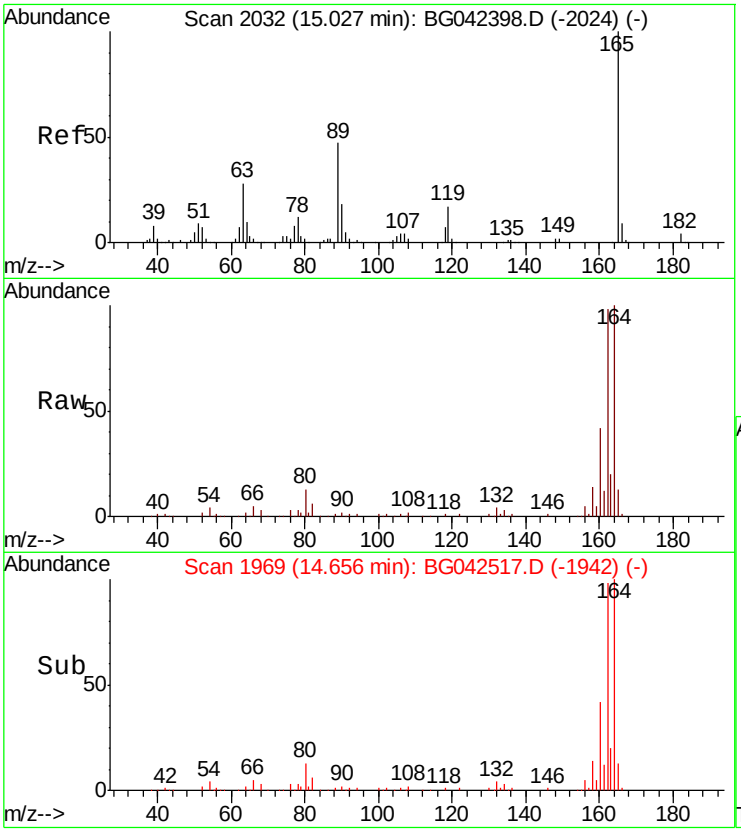


#51
2,6-Dinitrotoluene
Concen: 7.742 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.42 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion:165 Resp: 12664

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	0.0	32.6	49.0#



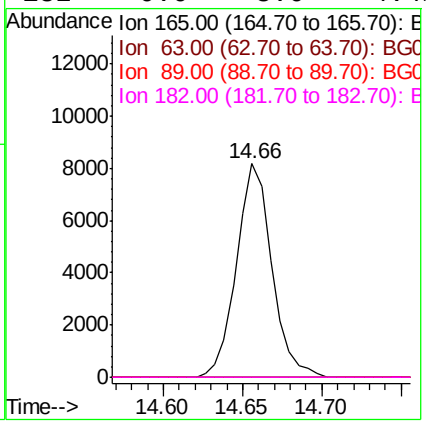


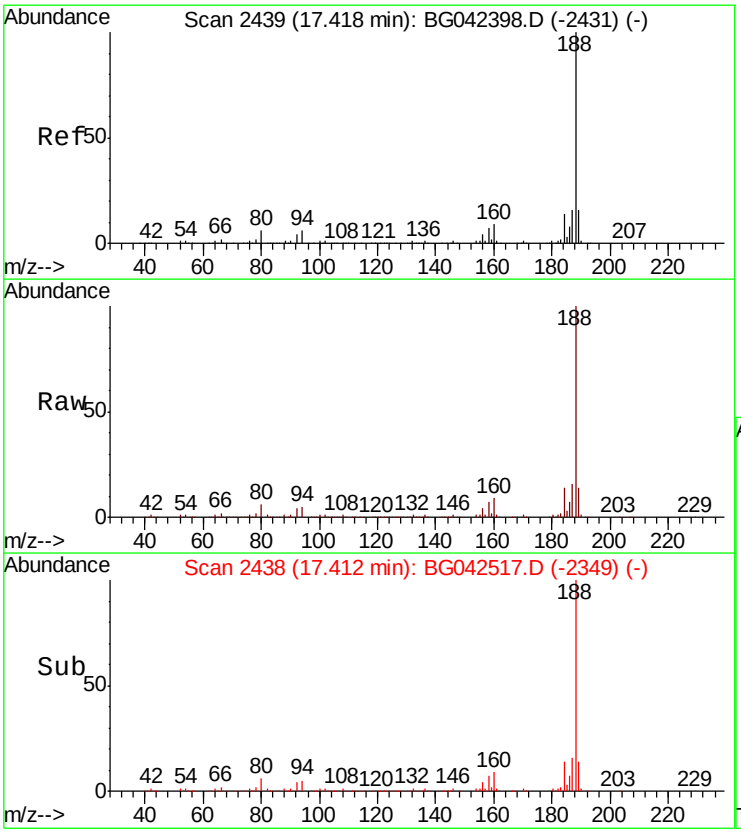
#57
2,4-Dinitrotoluene
Concen: 5.406 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12664

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#

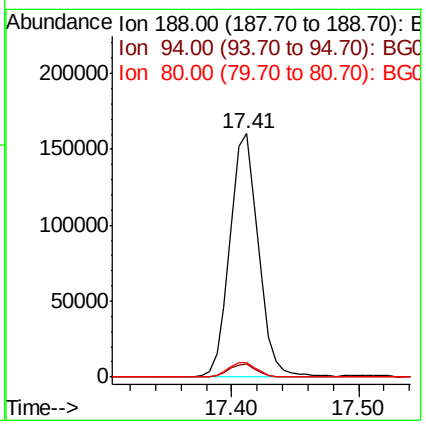


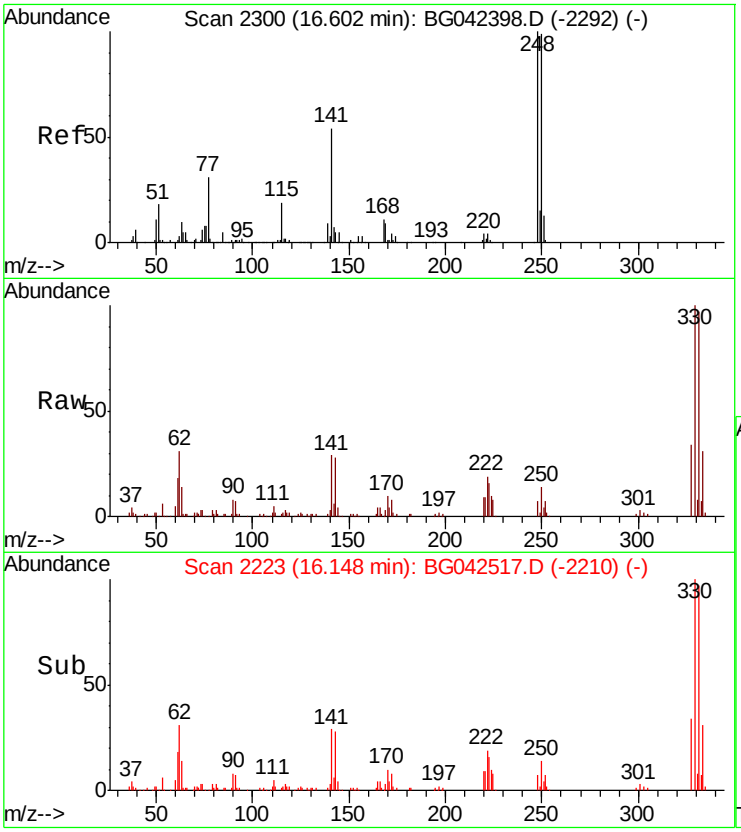


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion:188 Resp: 249389

Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.5	6.7
80	5.9	4.9	7.3



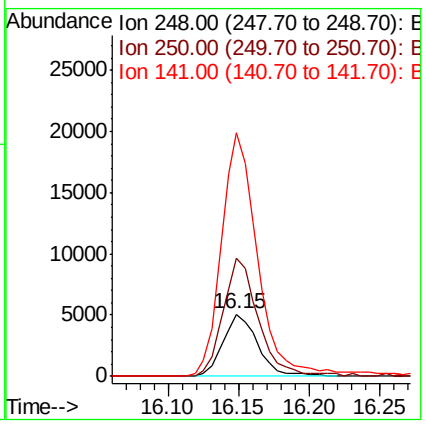


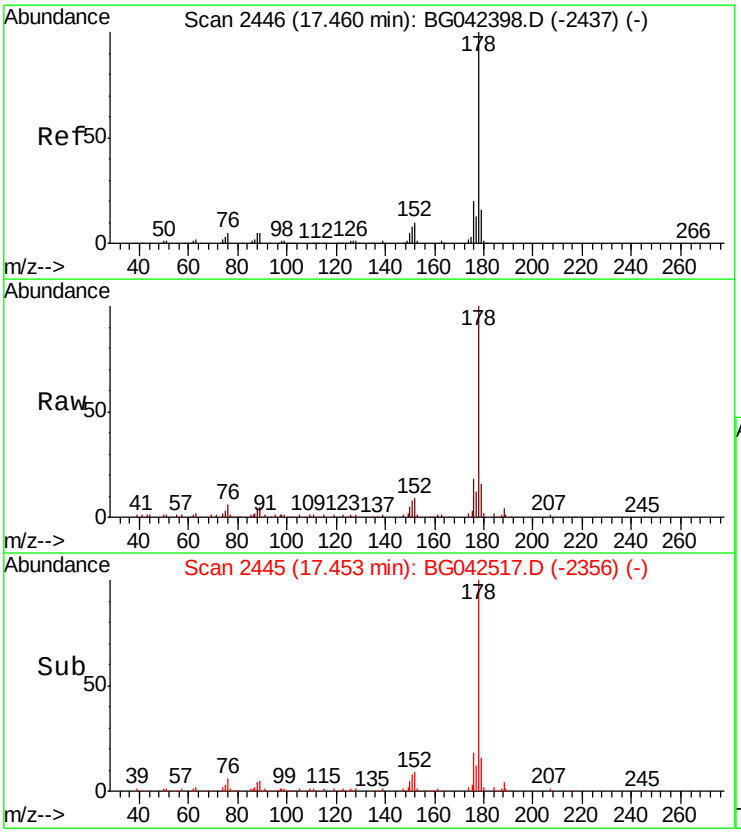
#67
4-Bromophenyl-phenylether
Concen: 2.757 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 8720

Ion	Ratio	Lower	Upper
248	100		
250	190.0	78.9	118.3#
141	392.8	43.3	64.9#

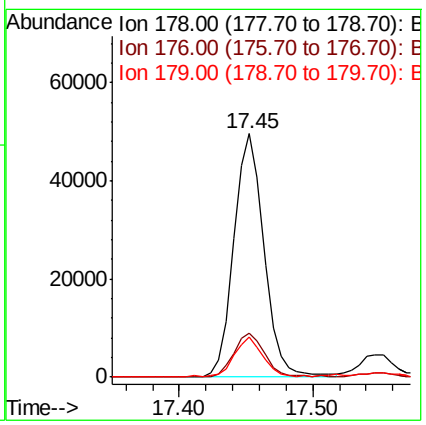


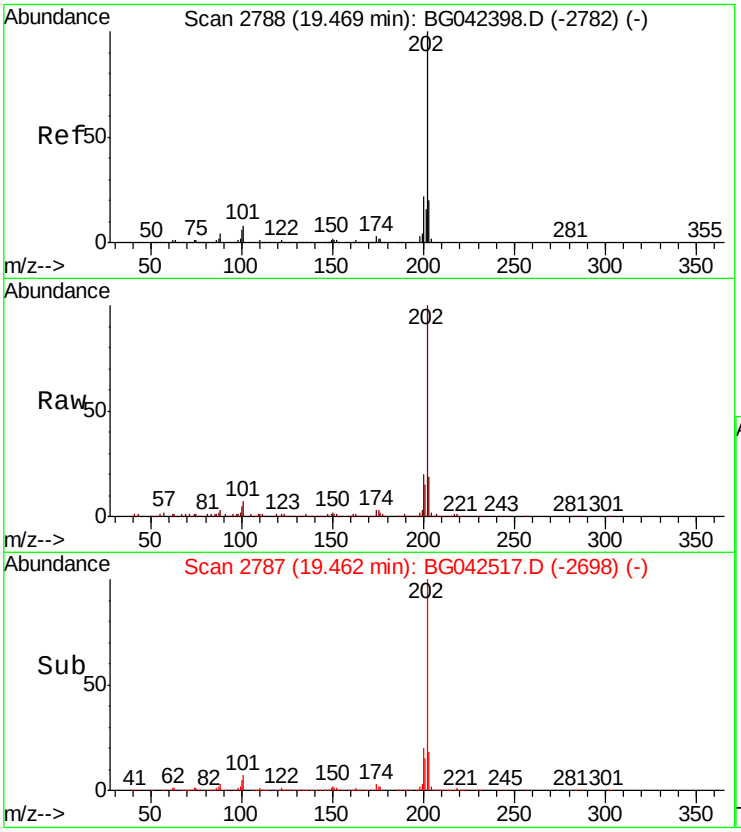


#71
Phenanthrene
Concen: 6.294 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion:178 Resp: 77964

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.9	23.9
179	16.3	12.7	19.1



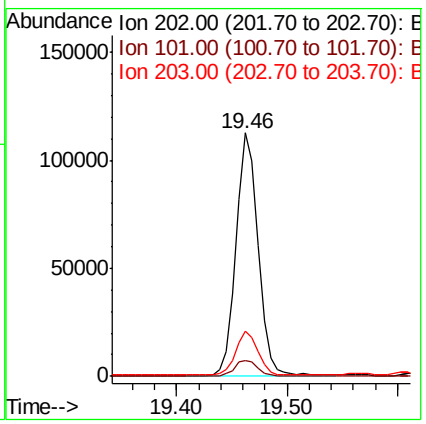


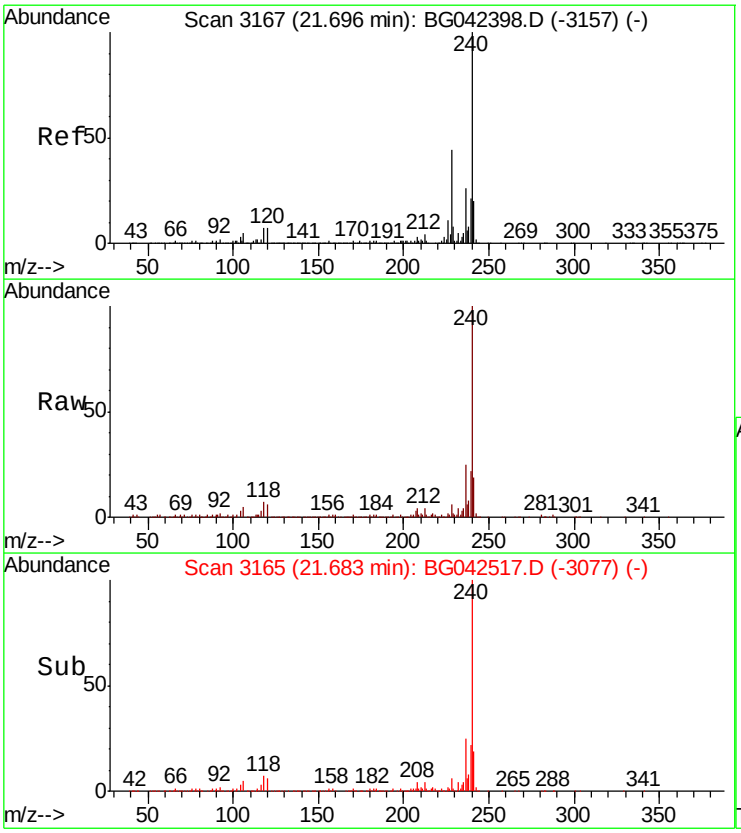
#75
Fluoranthene
Concen: 10.602 ng
RT: 19.46 min Scan# 2787
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 160282

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.3
203	18.5	0.0	39.6

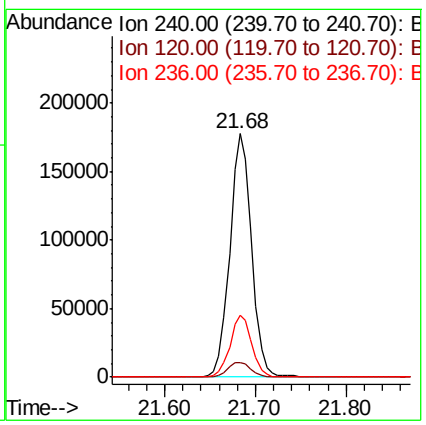


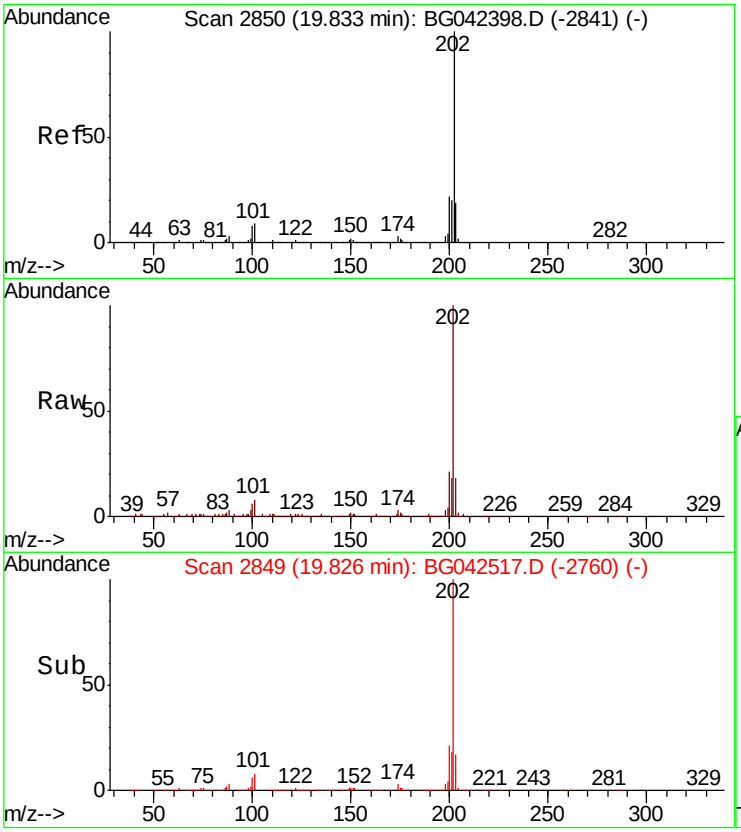


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion:240 Resp: 297448

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.7	8.5
236	25.5	21.0	31.4



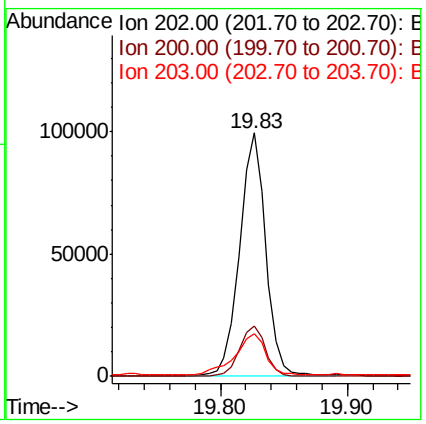


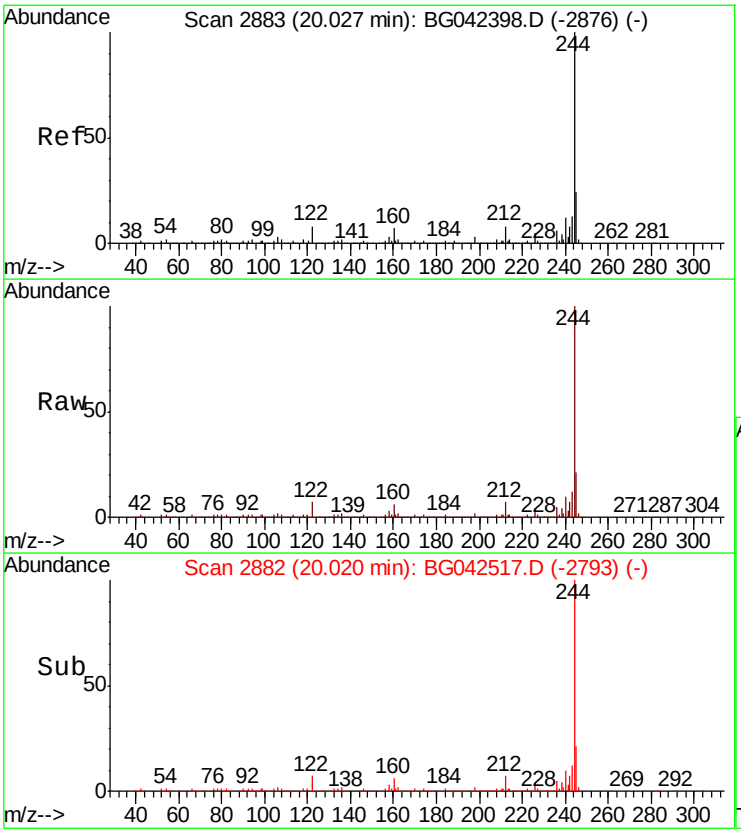
#78
Pyrene
Concen: 7.745 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 141248

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	17.5	15.5	23.3

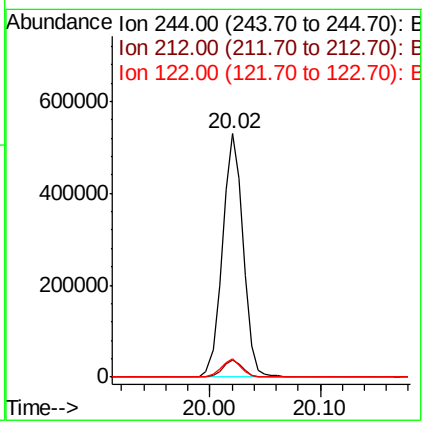


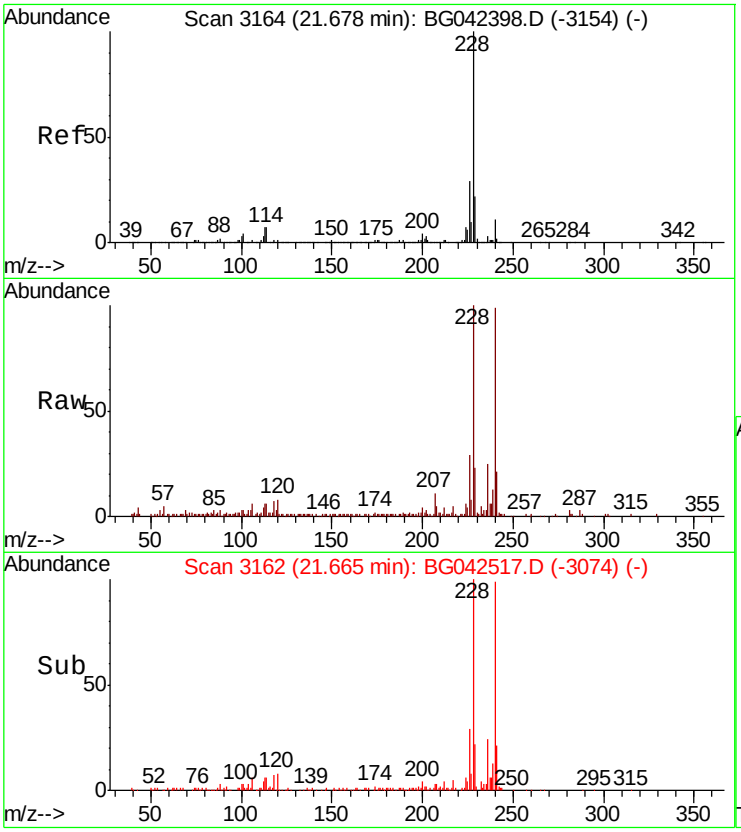


#79
Terphenyl-d14
Concen: 50.368 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion:244 Resp: 692983

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	7.3	6.7	10.1



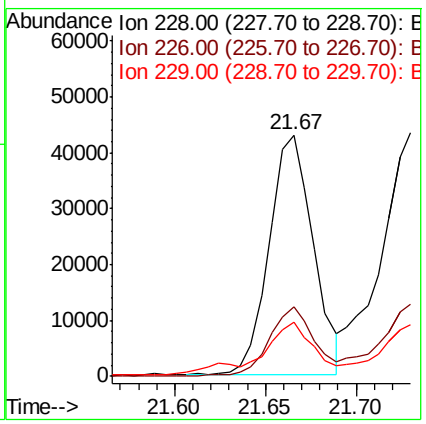


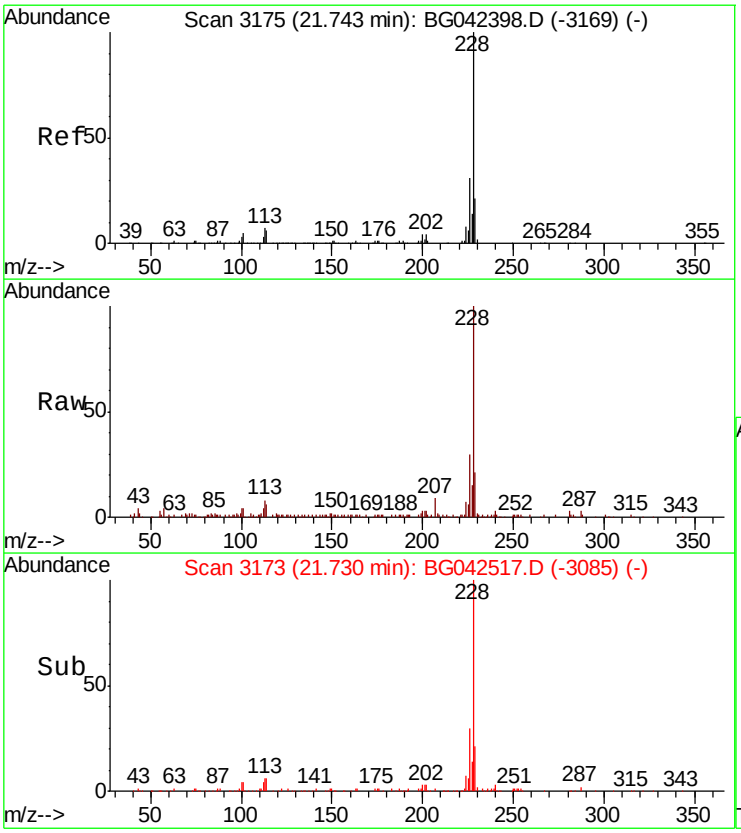
#81
Benzo(a)anthracene
Concen: 4.037 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 73049

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	22.5	17.4	26.2

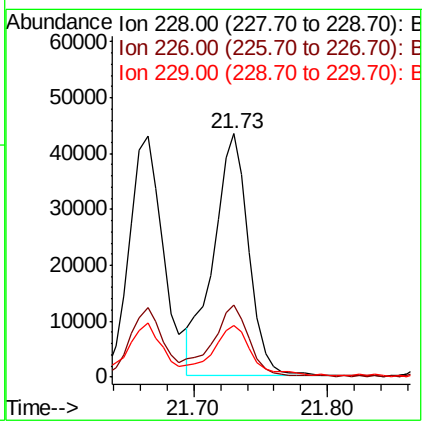


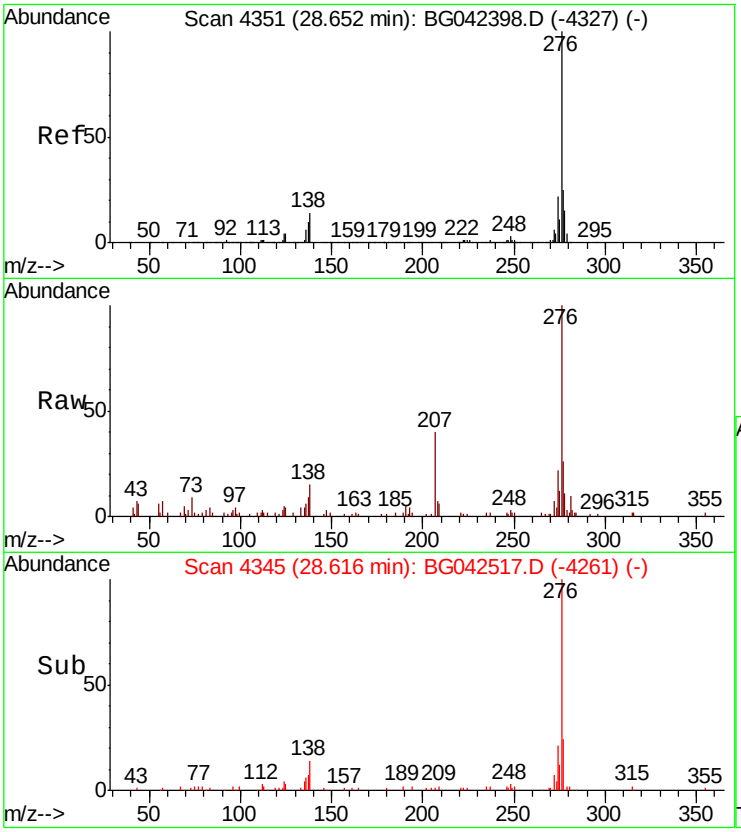


#83
Chrysene
Concen: 4.604 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion:228 Resp: 80334

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	21.4	16.9	25.3



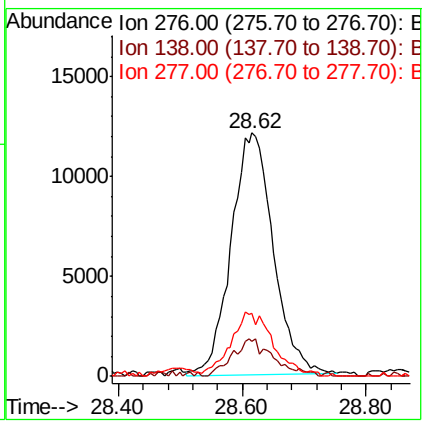


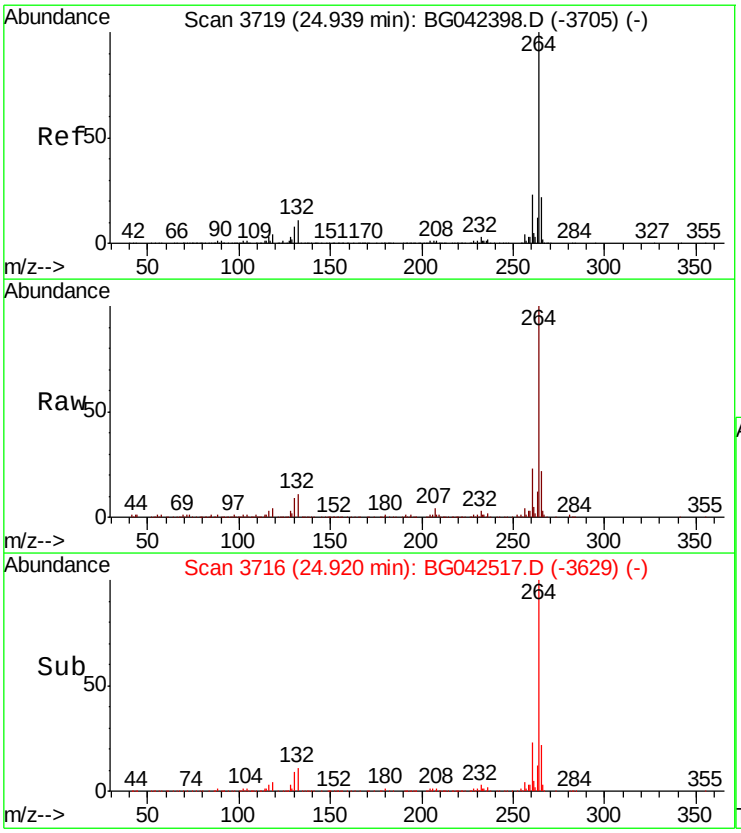
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.413 ng
RT: 28.62 min Scan# 4345
Delta R.T. -0.04 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 57232

Ion	Ratio	Lower	Upper
276	100		
138	14.3	9.2	13.8#
277	23.6	21.0	31.6

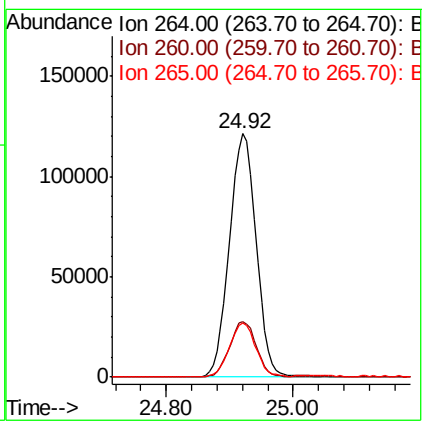


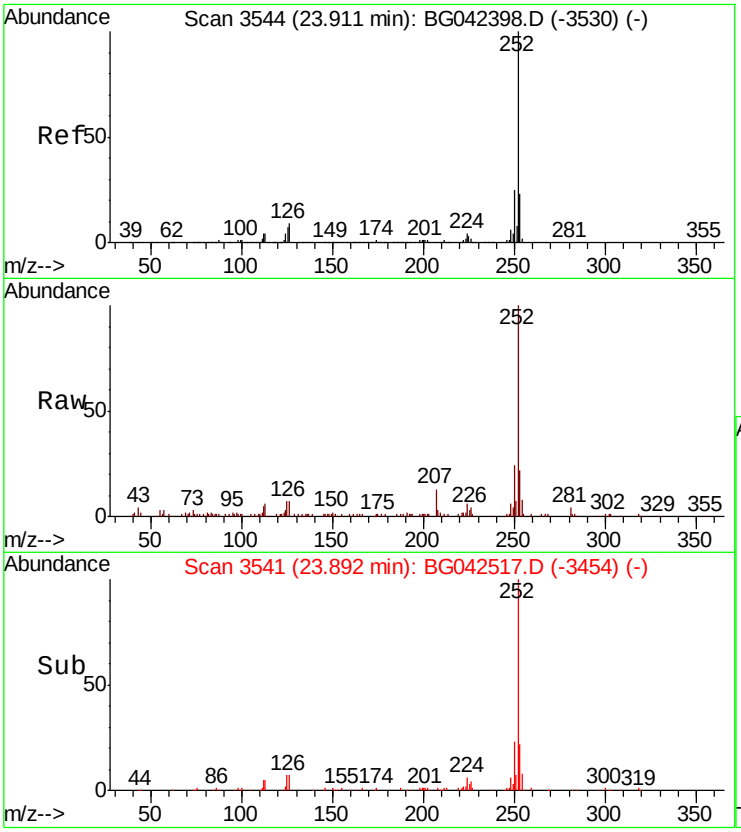


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion:264 Resp: 352483

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	22.4	17.6	26.4



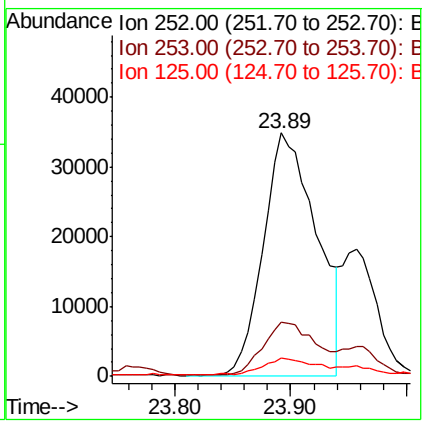


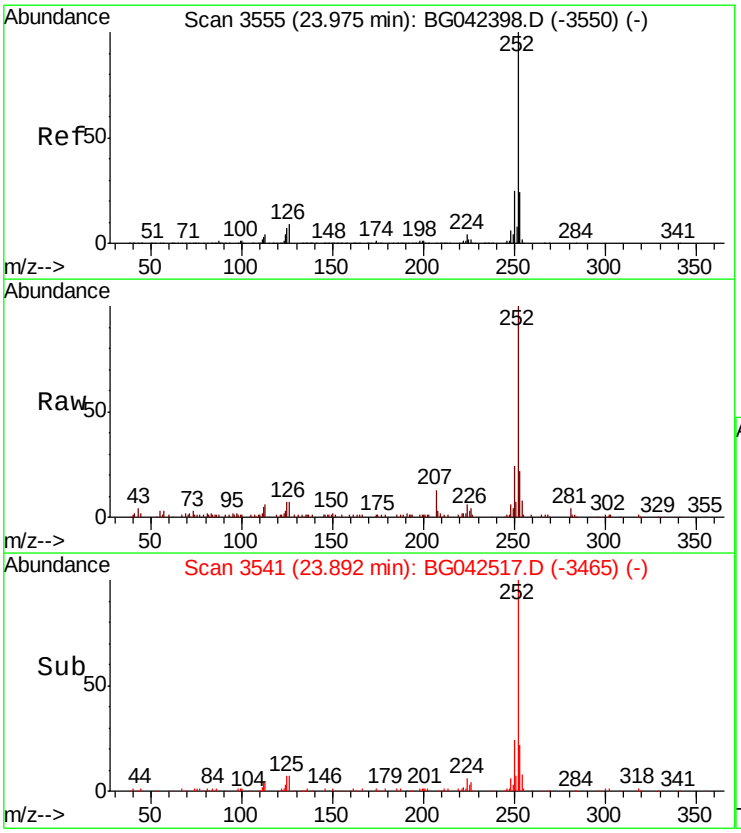
#88
Benzo(b)fluoranthene
Concen: 5.792 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 112238

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	7.3	5.6	8.4

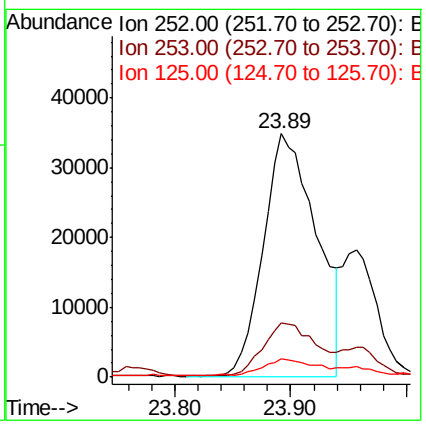


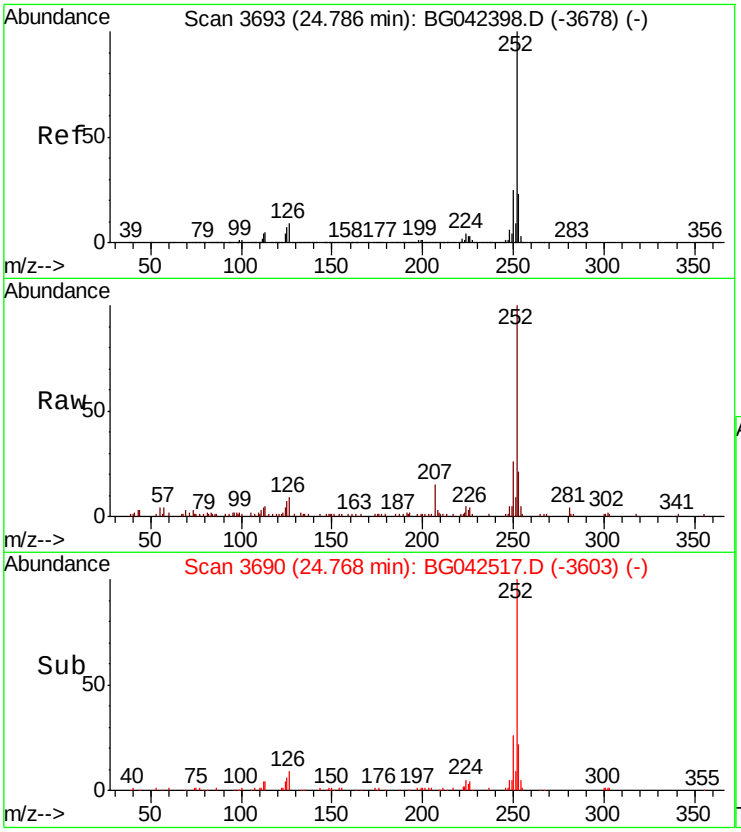


#89
Benzo(k)fluoranthene
Concen: 6.026 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.08 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion:252 Resp: 112238

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	7.3	5.8	8.6



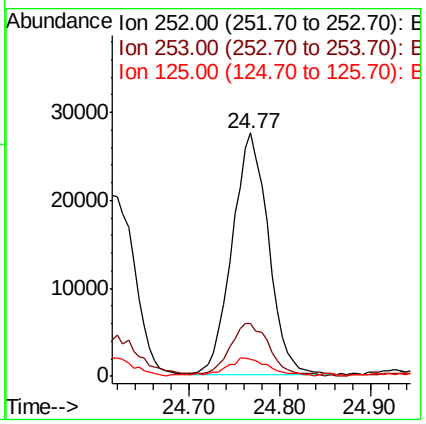


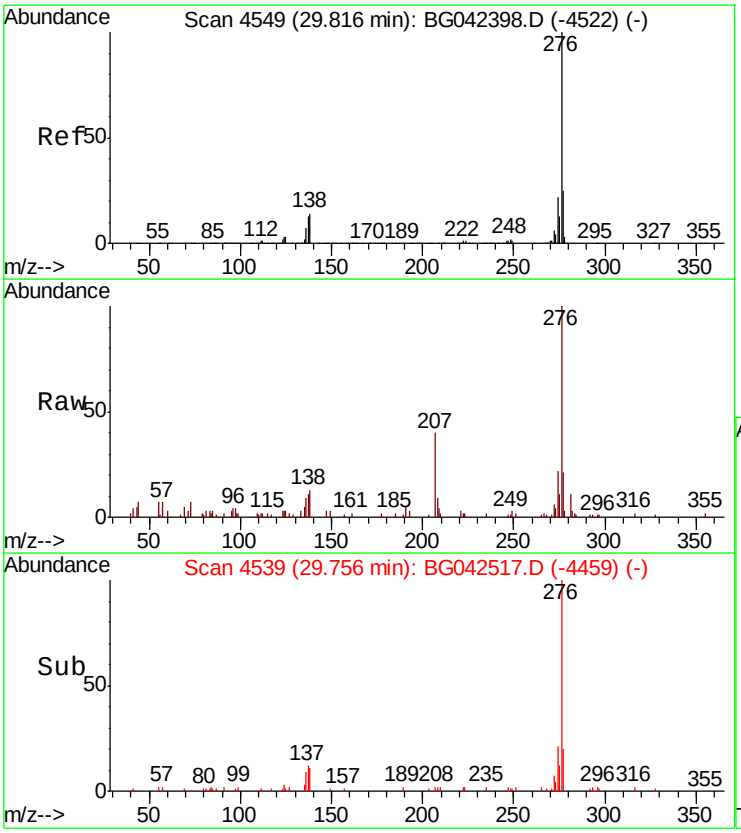
#90
Benzo(a)pyrene
Concen: 4.132 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 75985

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	6.8	6.0	9.0





#92
Benzo(g,h,i)perylene
Concen: 2.998 ng
RT: 29.76 min Scan# 4539
Delta R.T. -0.06 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion:276 Resp: 55817

Ion	Ratio	Lower	Upper
276	100		
277	21.4	19.8	29.8
138	12.7	11.4	17.0