Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042520.D
Acq On : 28 Aug 2019 1:17
Operator : HP/JU
Sample : K4525-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 28 04:03:34 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	40908	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	157720	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	111448	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	261484	20.00	ng		0.00
76) Chrysene-d12	21.69	240	303681	20.00	ng		0.00
87) Perylene-d12	24.92	264	361801	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	194113	96.10	ng		0.00
7) Phenol-d6	7.16	99	262465	96.20	ng		0.00
23) Nitrobenzene-d5	9.17	82	150984	66.15	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	155595	98.23	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	381748	57.93	ng		0.00
79) Terphenyl-d14	20.02	244	709804	50.53	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.19	94	12652	4.561	ng		88
19) n-Nitroso-di-n-propylamine	9.16	70	19059	10.782	ng	#	76
50) Dimethylphthalate	14.11	163	35111	4.366	ng		98
51) 2,6-Dinitrotoluene	14.66	165	14795	7.938	ng	#	37
57) 2,4-Dinitrotoluene	14.66	165	14795	5.543	ng	#	40
67) 4-Bromophenyl-phenylether	16.15	248	10670	3.217	ng	#	1
71) Phenanthrene	17.45	178	168119	12.944	ng		100
75) Fluoranthene	19.47	202	359383	22.672	ng		97
78) Pyrene	19.82	202	304748	16.368	ng		97
81) Benzo(a)anthracene	21.66	228	156627	8.478	ng		98
83) Chrysene	21.73	228	168487	9.457	ng		98
86) Indeno(1,2,3-cd)pyrene	28.62	276	136482	5.637	ng	#	97
88) Benzo(b)fluoranthene	23.90	252	250347	12.586	ng		99
89) Benzo(k)fluoranthene	23.90	252	250347	13.094	ng		99
90) Benzo(a)pyrene	24.77	252	173811	9.209	ng		99
92) Benzo(g,h,i)perylene	29.76	276	137919	7.216	ng		96

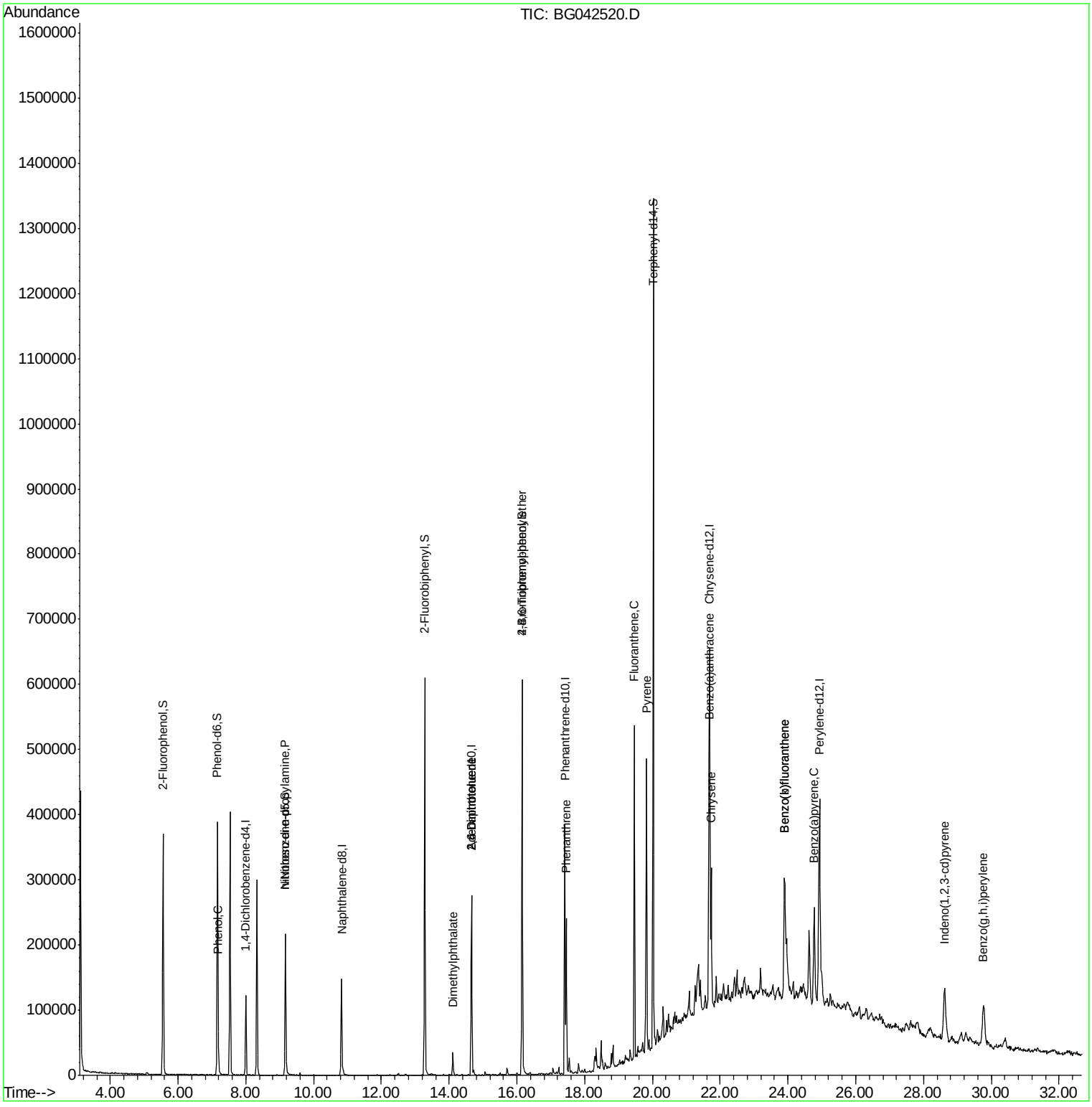
(#) = qualifier out of range (m) = manual integration (+) = signals summed

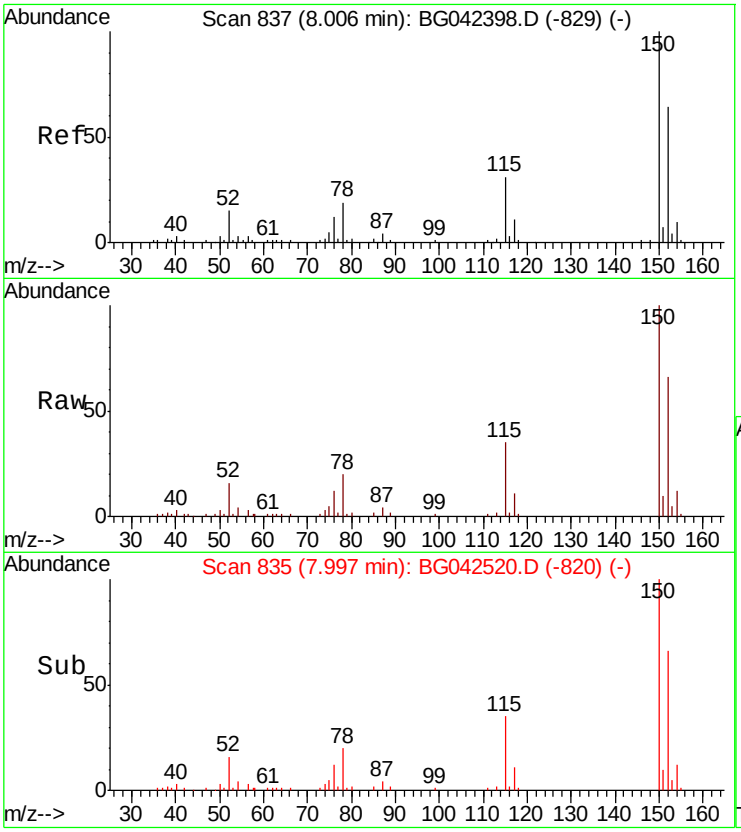
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042520.D
Acq On : 28 Aug 2019 1:17
Operator : HP/JU
Sample : K4525-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 28 04:03:34 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



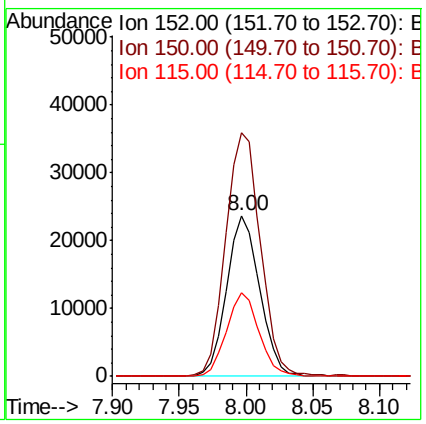


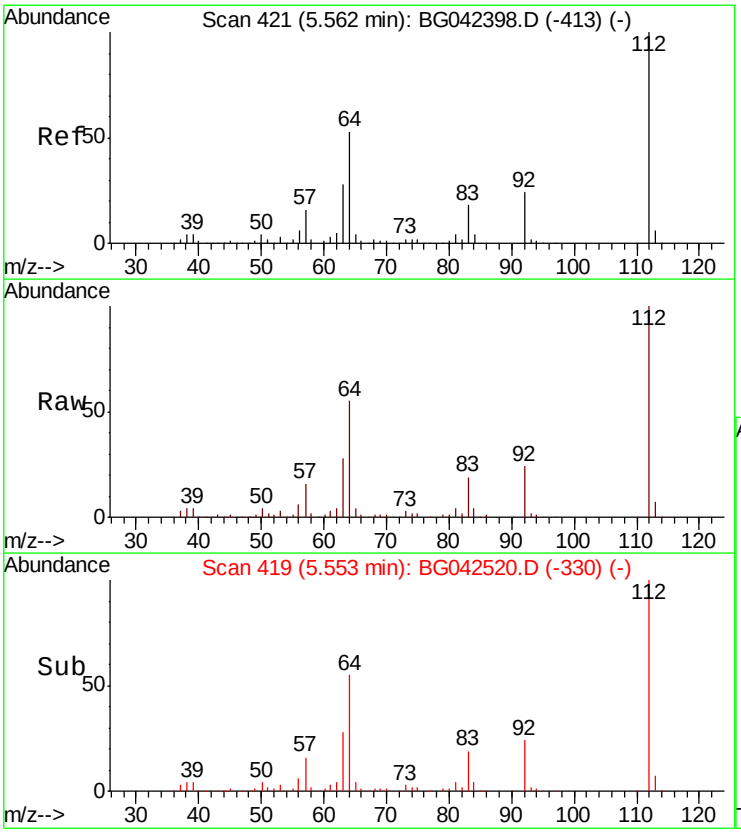
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 40908

Ion	Ratio	Lower	Upper
152	100		
150	151.2	125.4	188.0
115	52.2	38.5	57.7

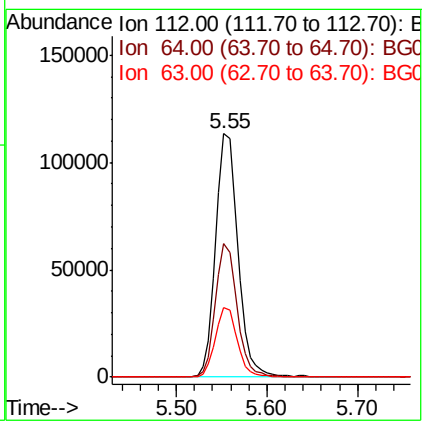


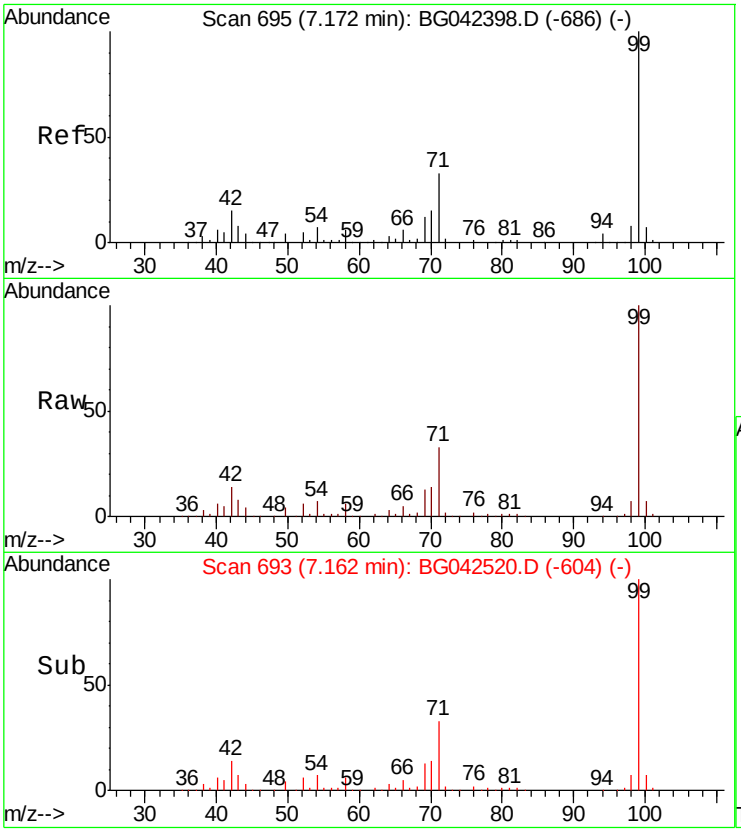


#5
2-Fluorophenol
Concen: 96.102 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion:112 Resp: 194113

Ion	Ratio	Lower	Upper
112	100		
64	55.0	42.8	64.2
63	28.4	22.7	34.1



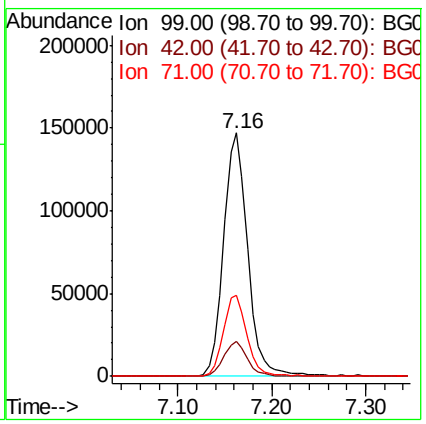


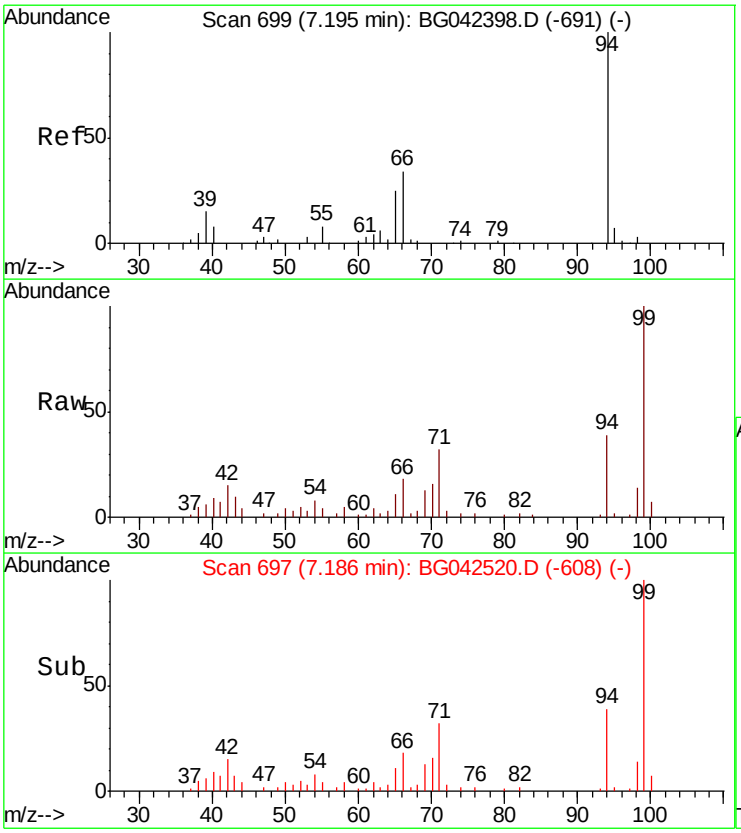
#7
Phenol-d6
Concen: 96.198 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 262465

Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.0	18.0
71	33.4	26.3	39.5

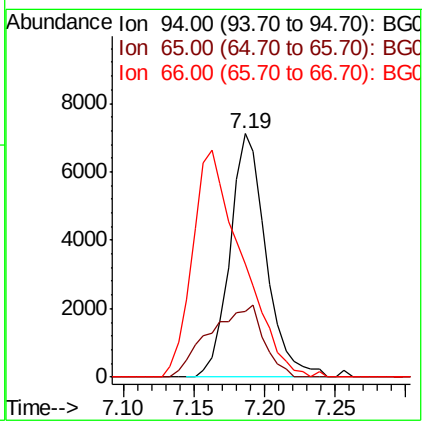


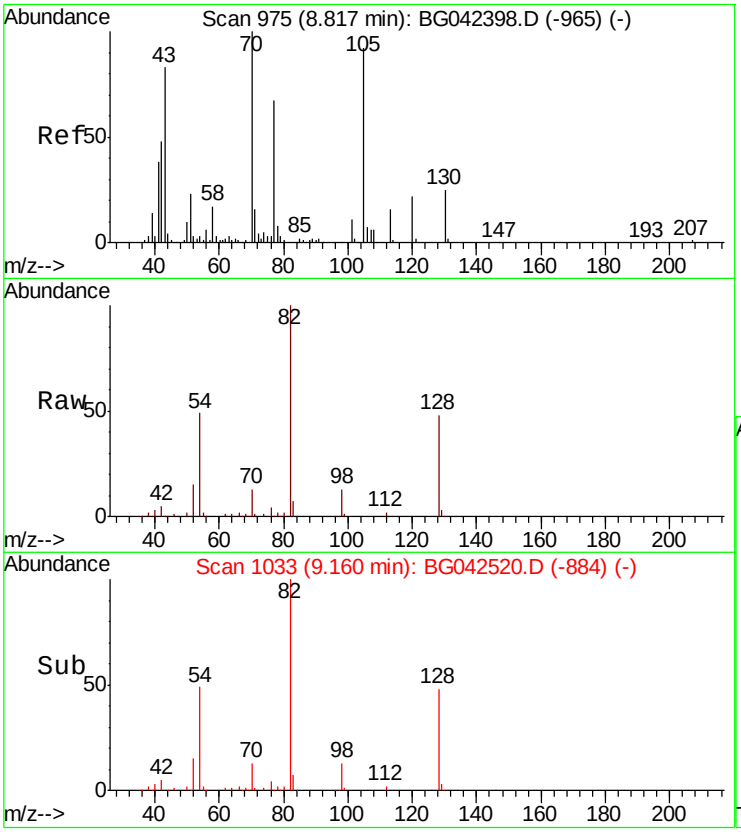


#10
Phenol
Concen: 4.561 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion: 94 Resp: 12652

Ion	Ratio	Lower	Upper
94	100		
65	27.1	5.6	45.6
66	46.5	16.0	56.0



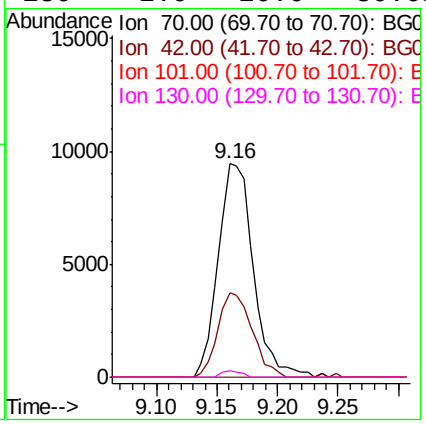


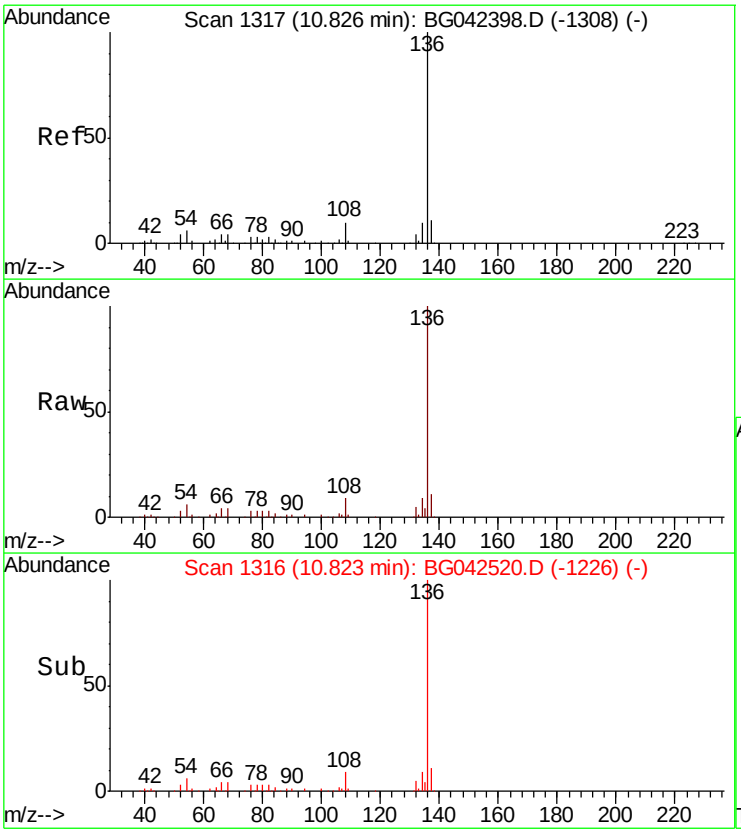
#19
n-Nitroso-di-n-propylamine
Concen: 10.782 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.34 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 19059

Ion	Ratio	Lower	Upper
70	100		
42	39.8	38.8	58.2
101	0.0	9.0	13.6#
130	2.9	20.0	30.0#

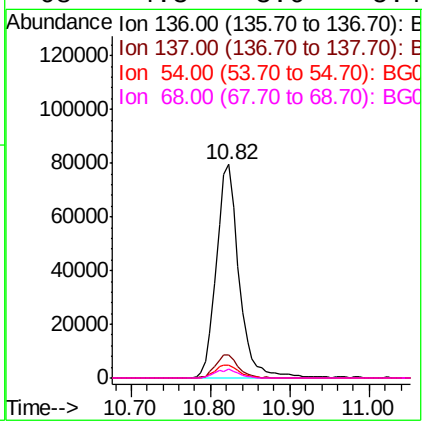


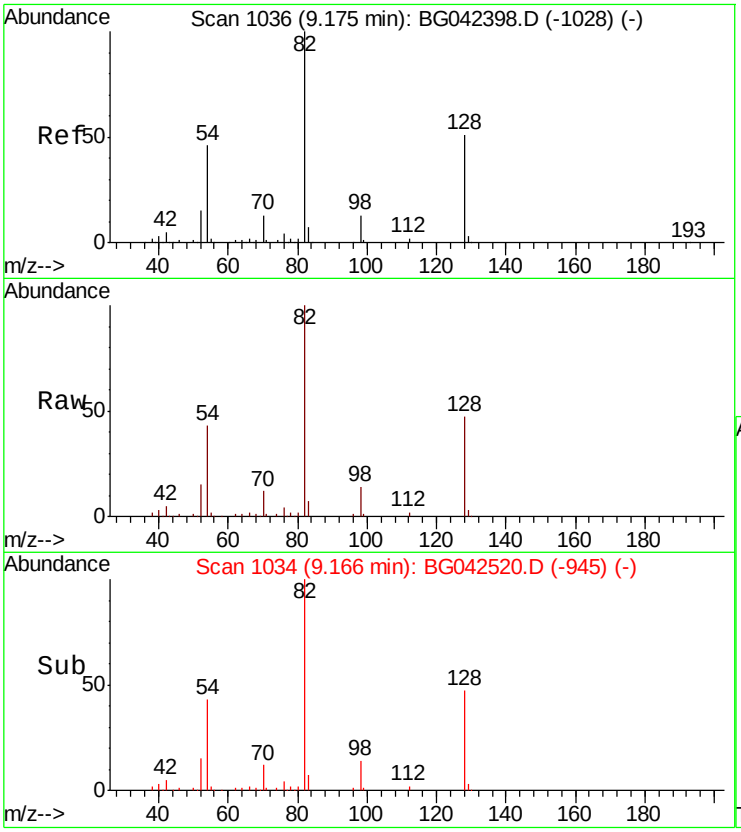


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion:136 Resp: 157720

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	5.9	4.9	7.3
68	4.3	3.6	5.4



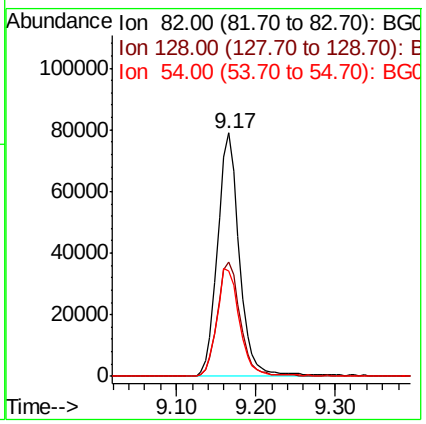


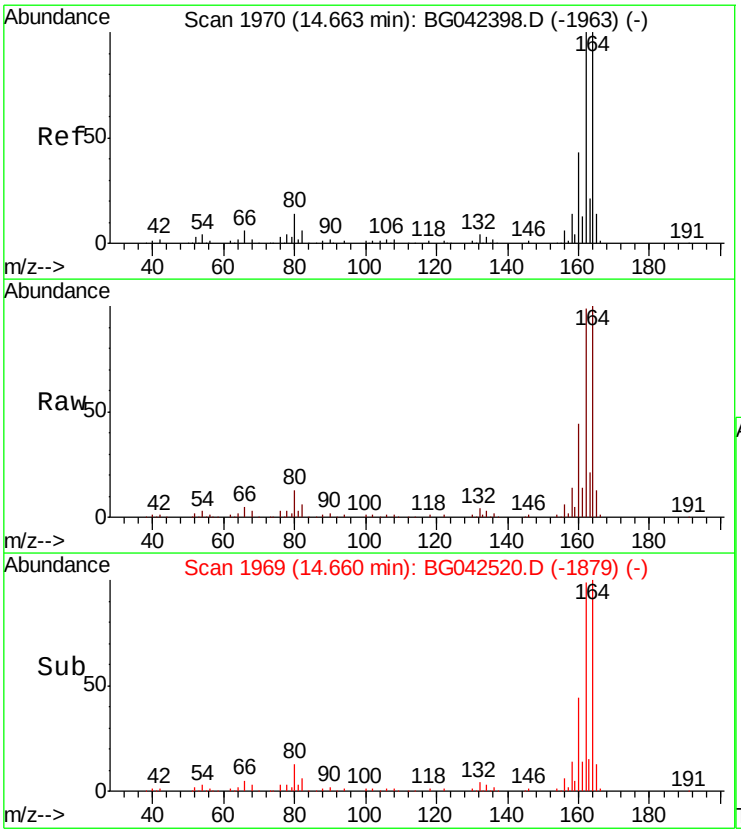
#23
Nitrobenzene-d5
Concen: 66.153 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 150984

Ion	Ratio	Lower	Upper
82	100		
128	47.2	40.7	61.1
54	43.3	36.3	54.5

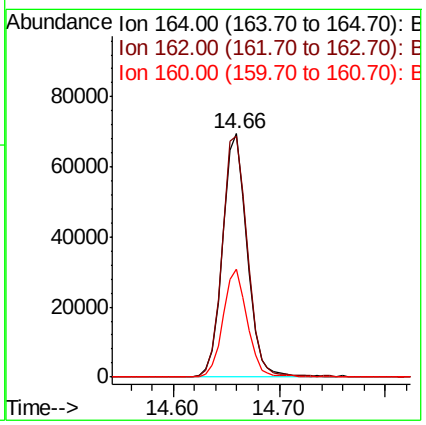


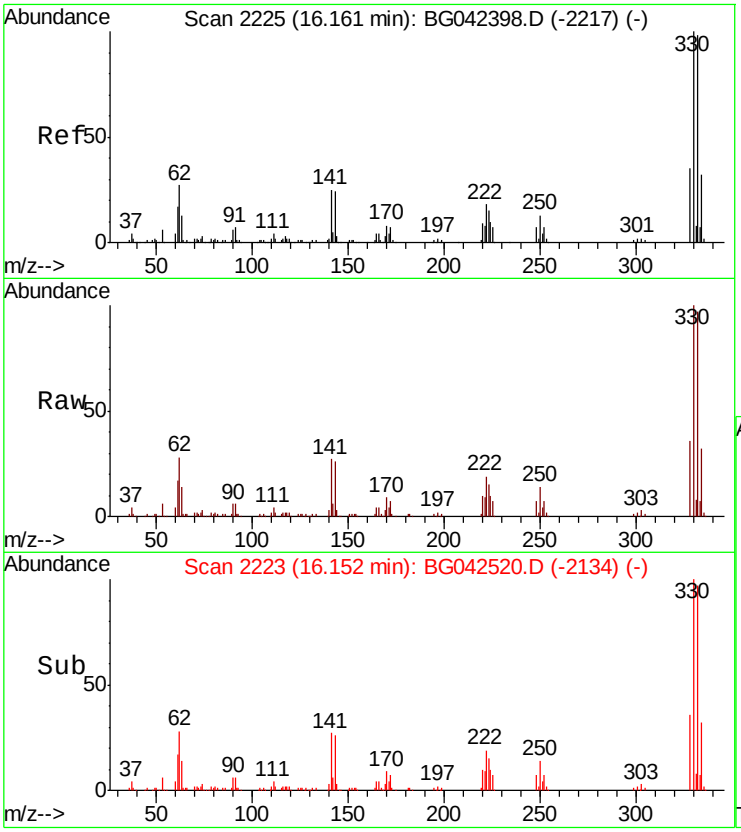


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion:164 Resp: 111448

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.9	119.9
160	44.1	34.3	51.5



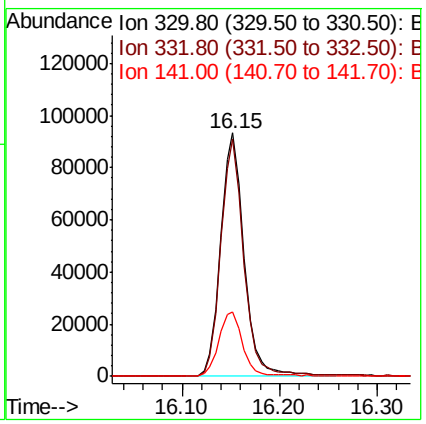


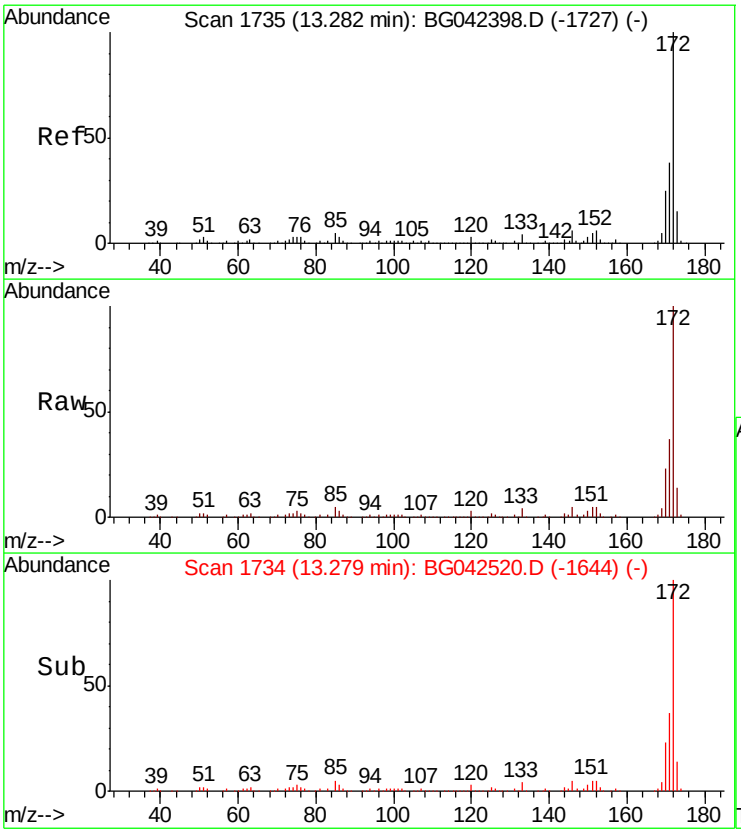
#42
2,4,6-Tribromophenol
Concen: 98.226 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 155595

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.0
141	27.2	21.4	32.0

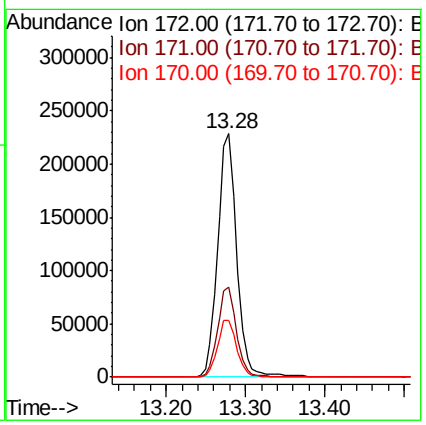


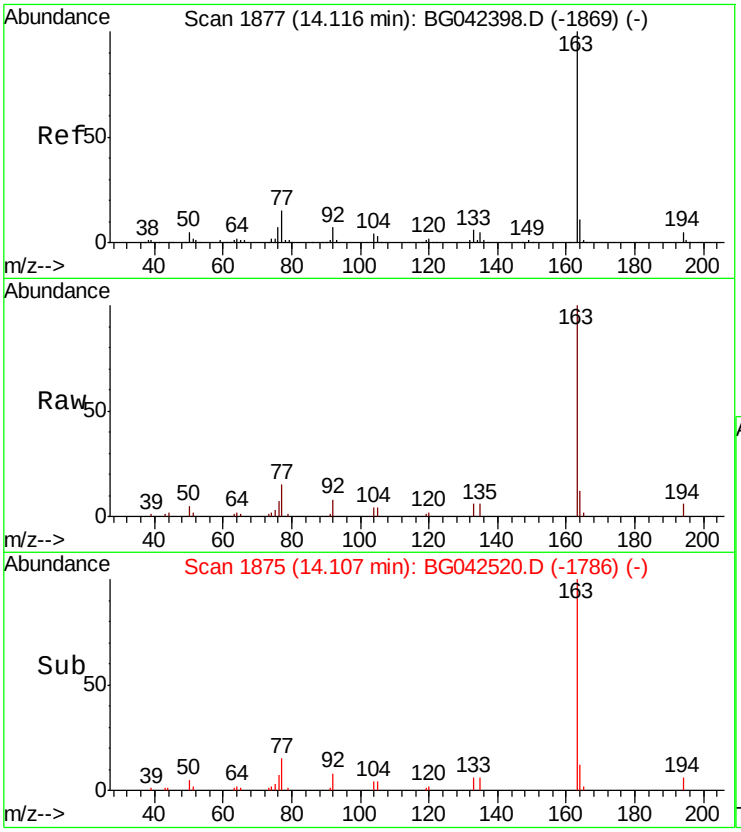


#45
2-Fluorobiphenyl
Concen: 57.932 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion:172 Resp: 381748

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	23.2	20.2	30.2



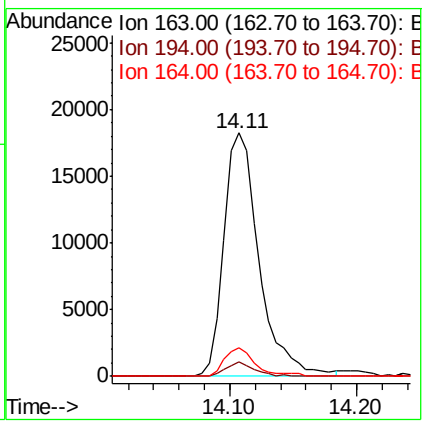


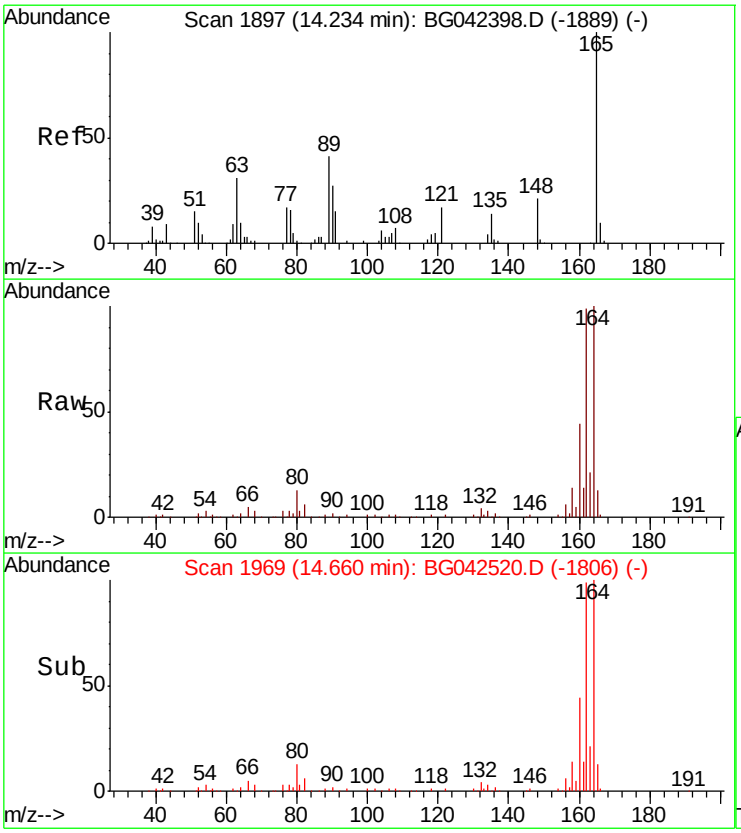
#50
Dimethylphthalate
Concen: 4.366 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 35111

Ion	Ratio	Lower	Upper
163	100		
194	6.2	4.2	6.2
164	11.8	8.8	13.2

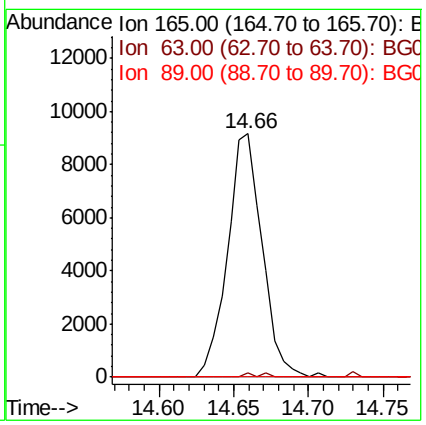


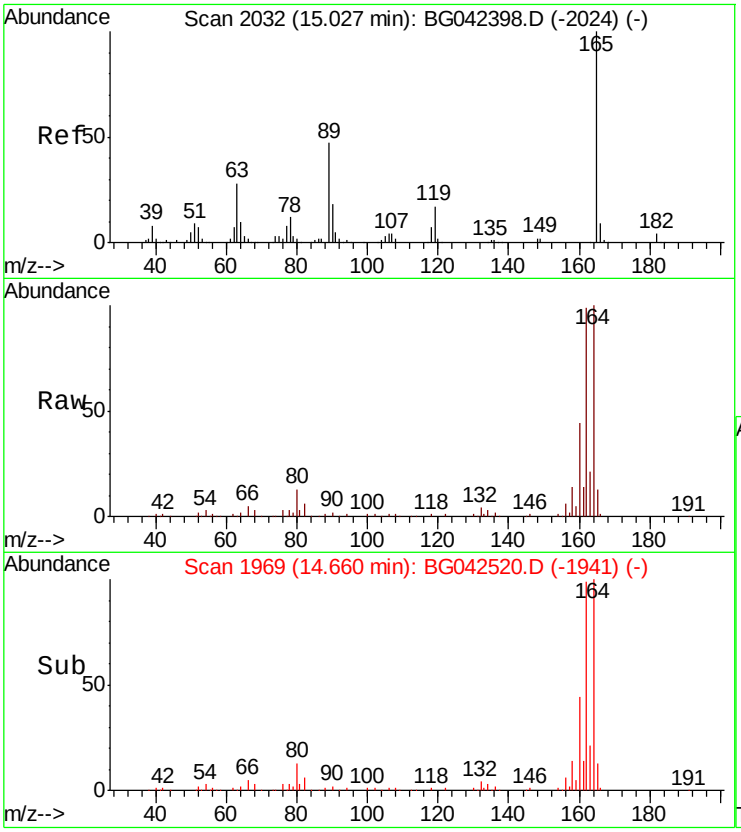


#51
2,6-Dinitrotoluene
Concen: 7.938 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.43 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion:165 Resp: 14795

Ion	Ratio	Lower	Upper
165	100		
63	1.9	30.6	45.8#
89	0.0	32.6	49.0#



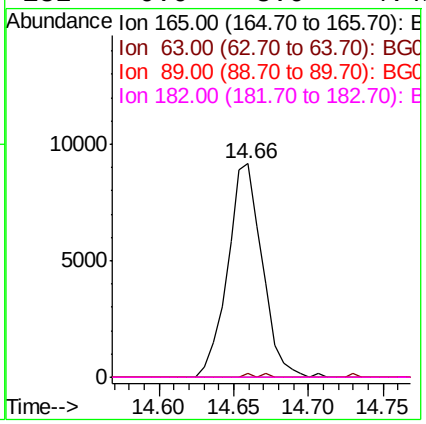


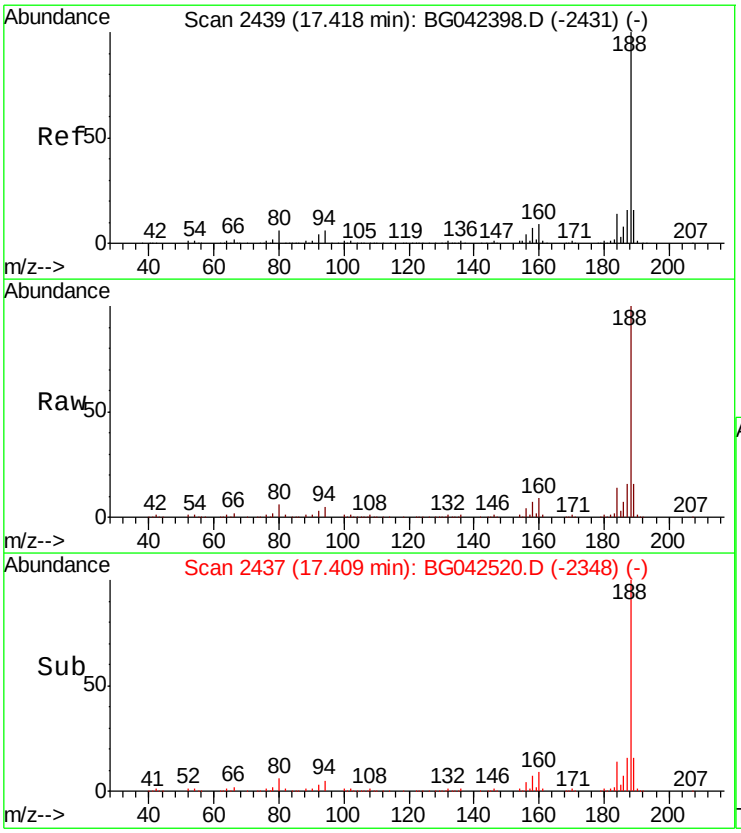
#57
2,4-Dinitrotoluene
Concen: 5.543 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14795

Ion	Ratio	Lower	Upper
165	100		
63	1.9	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#

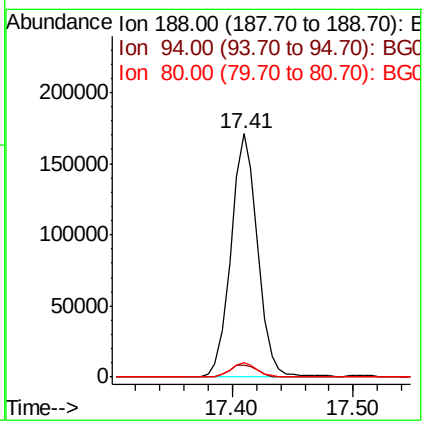


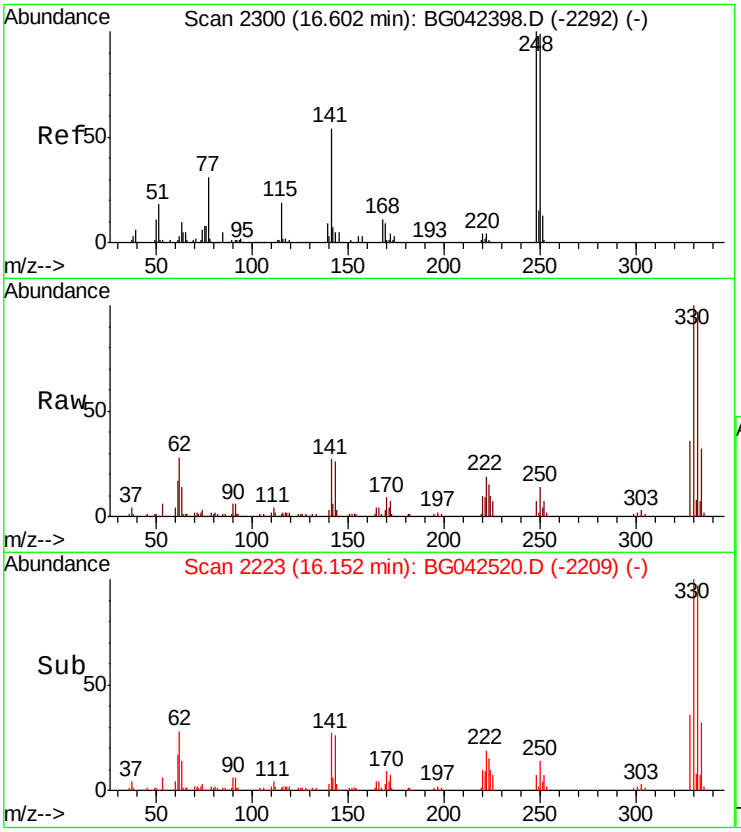


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion:188 Resp: 261484

Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.5	6.7
80	6.1	4.9	7.3



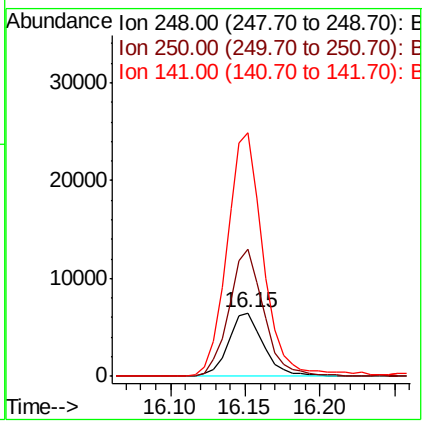


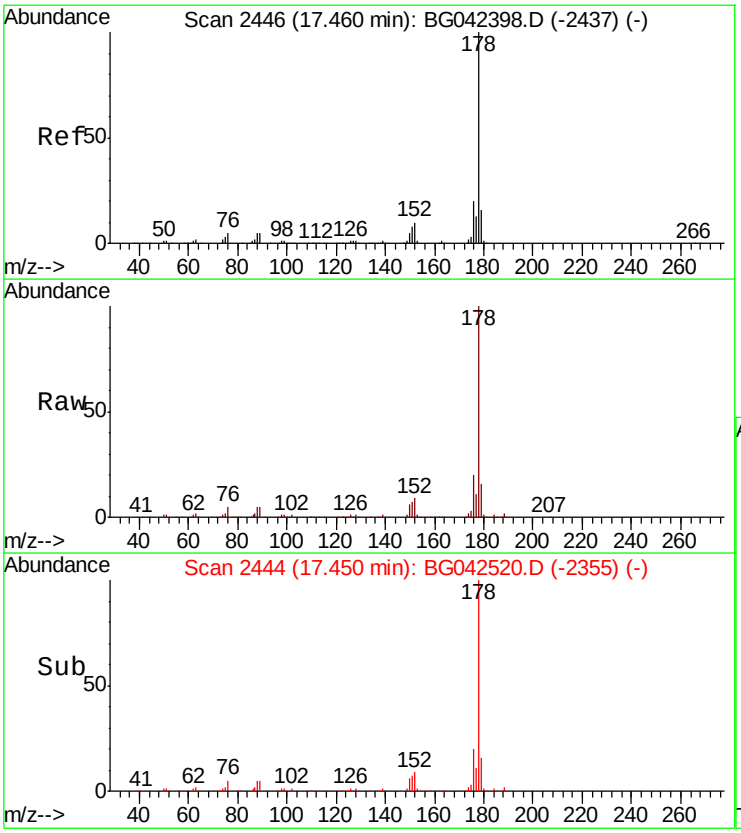
#67
4-Bromophenyl-phenylether
Concen: 3.217 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10670

Ion	Ratio	Lower	Upper
248	100		
250	200.5	78.9	118.3#
141	382.2	43.3	64.9#

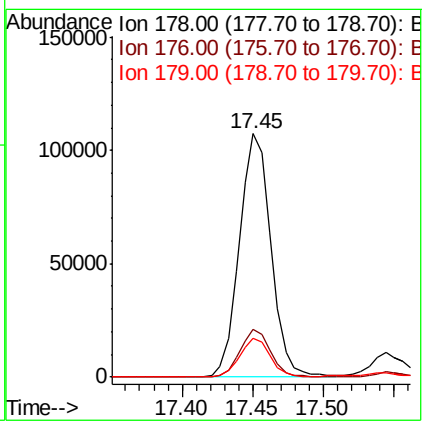


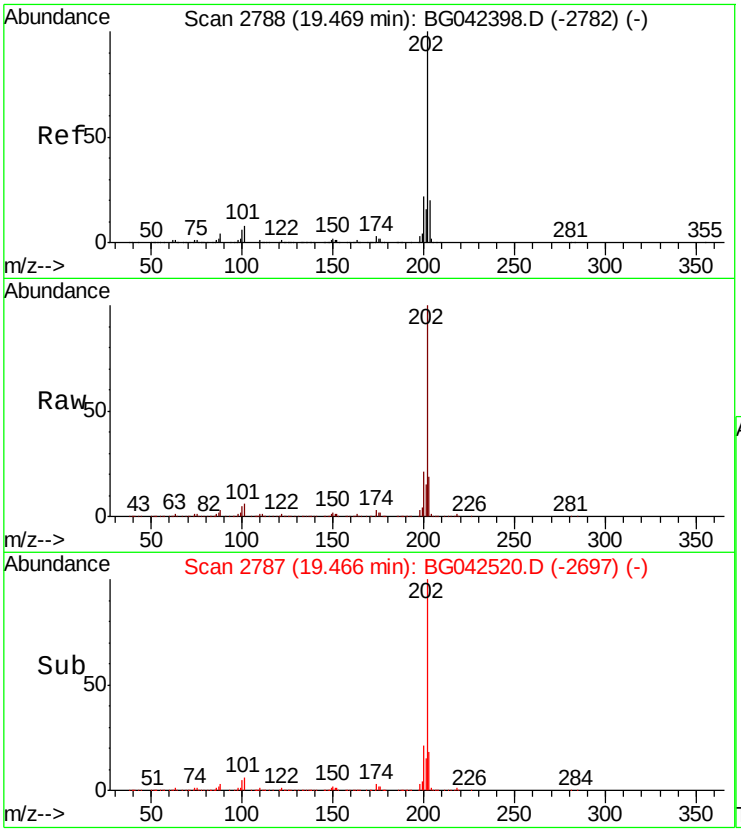


#71
Phenanthrene
Concen: 12.944 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion:178 Resp: 168119

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.2	12.7	19.1



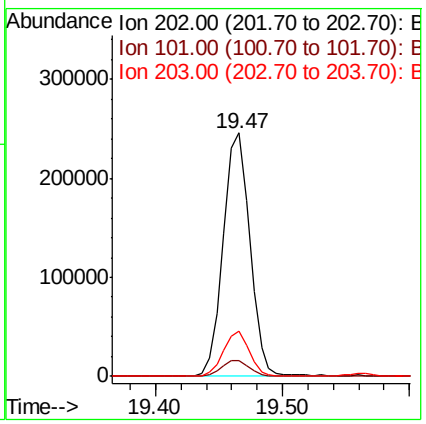


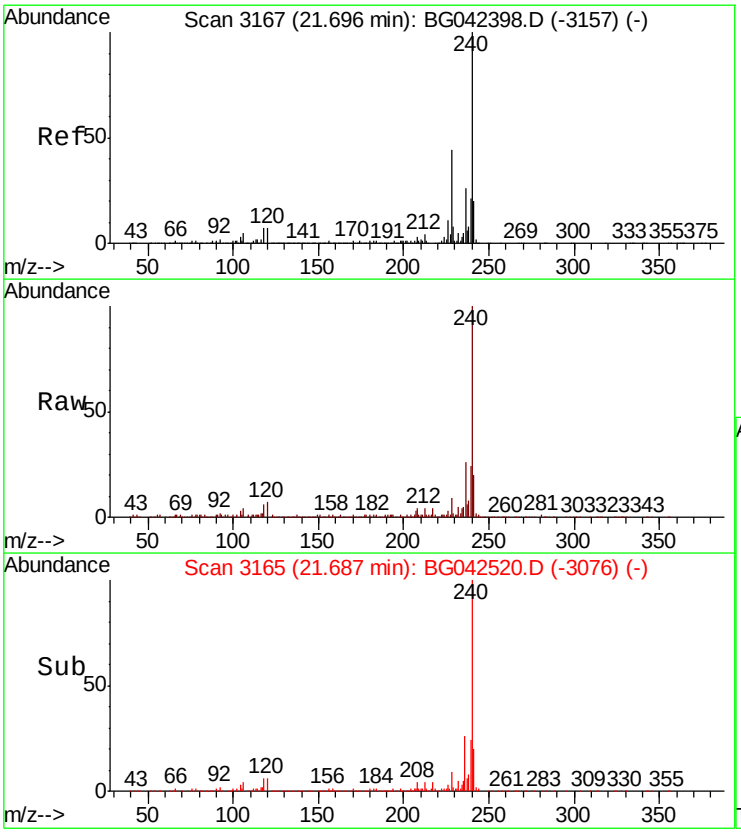
#75
Fluoranthene
Concen: 22.672 ng
RT: 19.47 min Scan# 2787
Delta R.T. -0.00 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 359383

Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	28.3
203	18.6	0.0	39.6

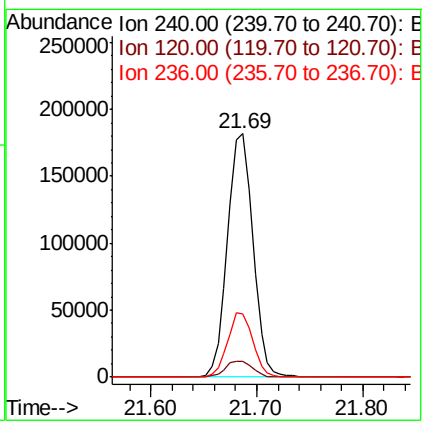


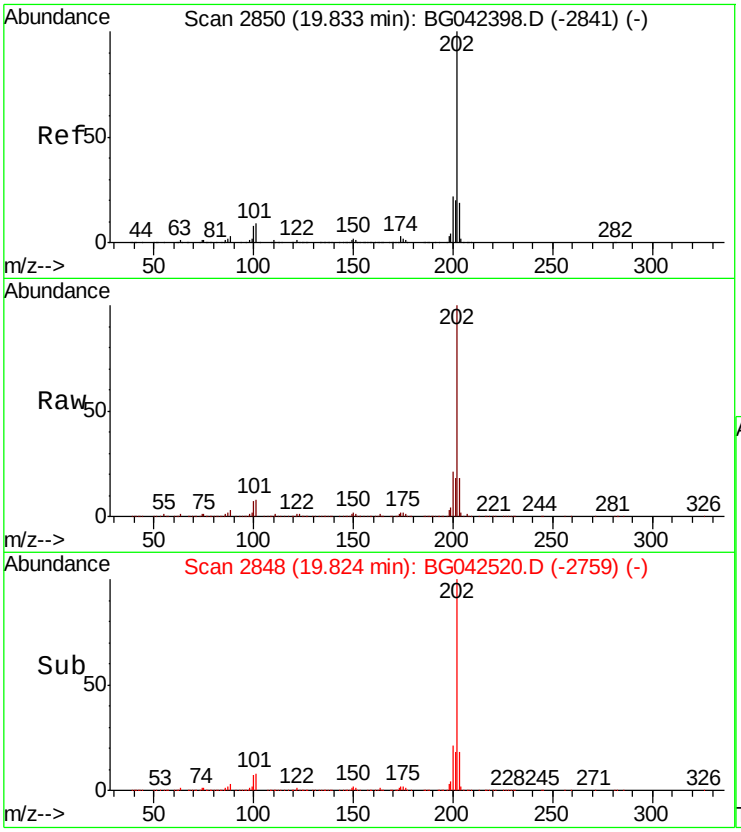


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion:240 Resp: 303681

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.7	8.5
236	26.1	21.0	31.4



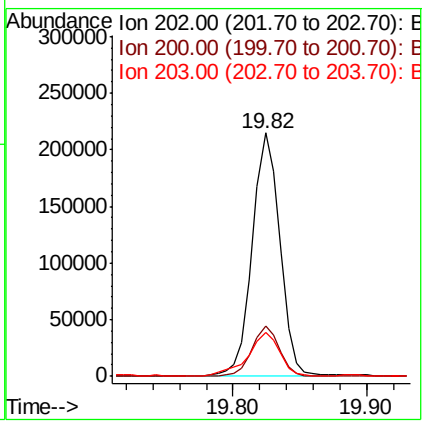


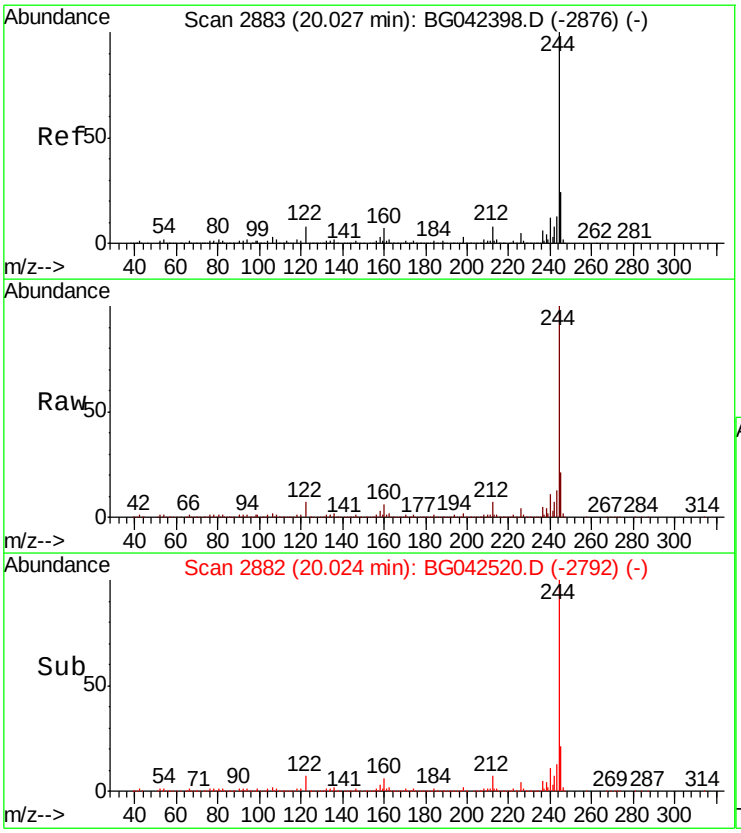
#78
Pyrene
Concen: 16.368 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 304748

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	17.9	15.5	23.3

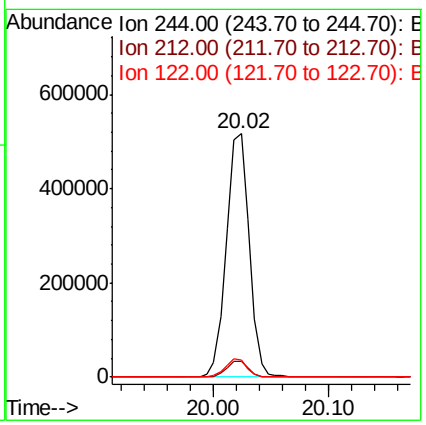


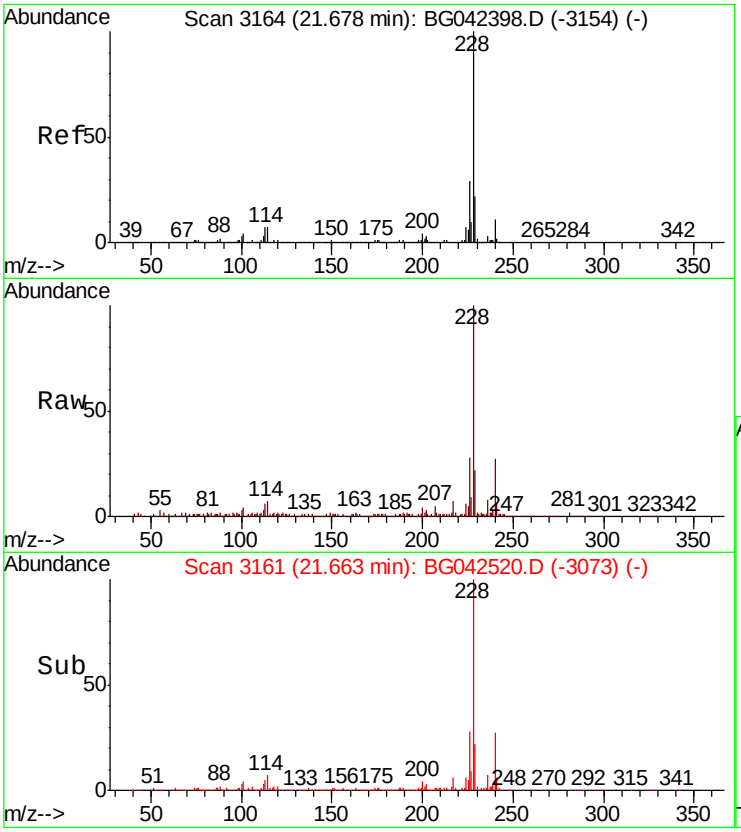


#79
Terphenyl-d14
Concen: 50.531 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion:244 Resp: 709804

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



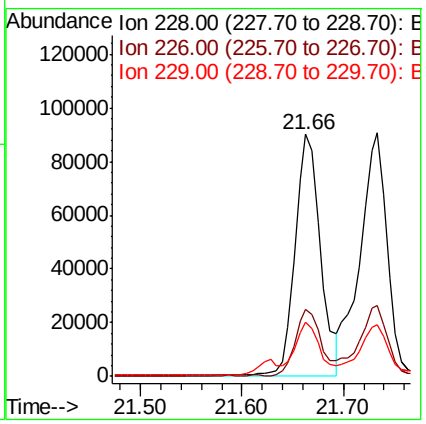


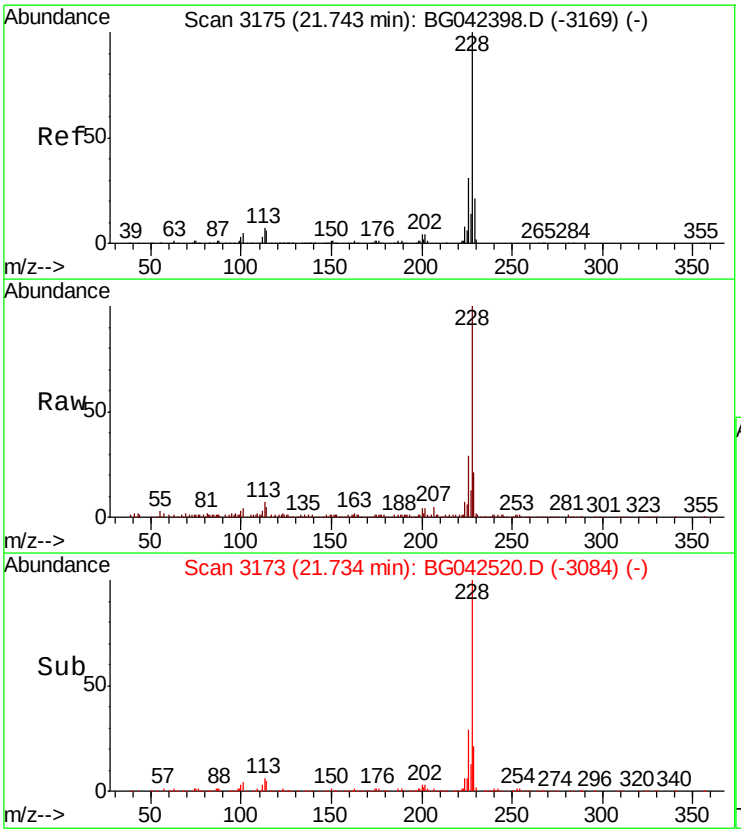
#81
Benzo(a)anthracene
Concen: 8.478 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.02 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 156627

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.4	35.2
229	22.2	17.4	26.2

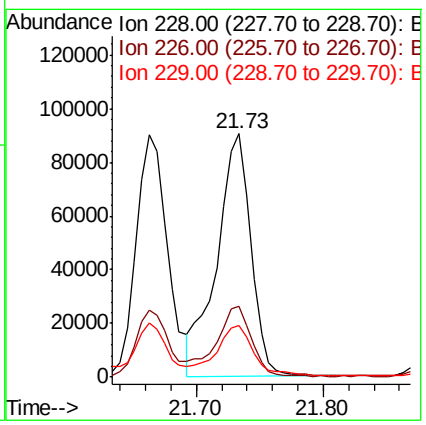


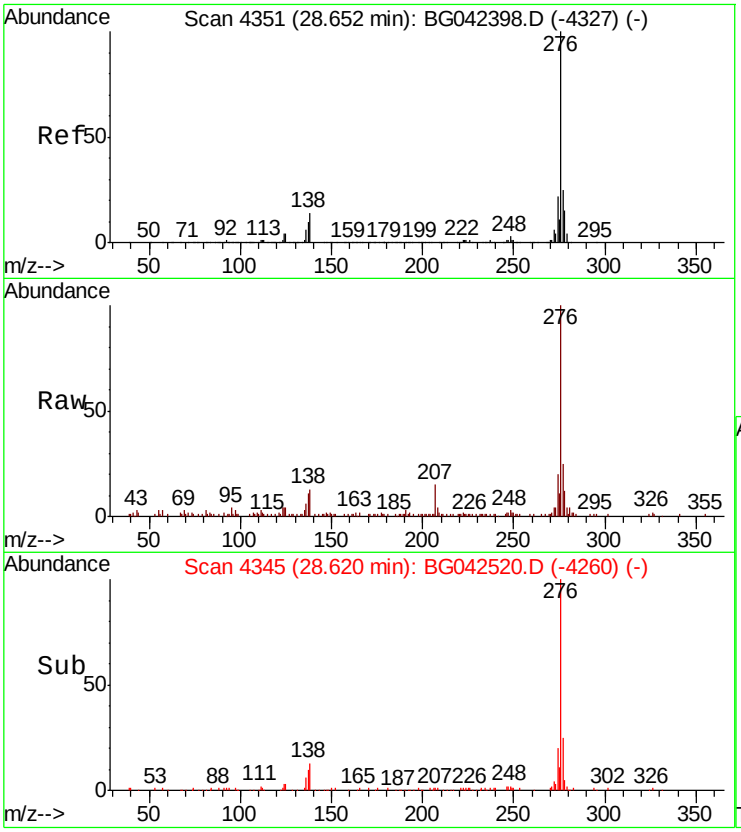


#83
Chrysene
Concen: 9.457 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion:228 Resp: 168487

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.9	37.3
229	21.2	16.9	25.3



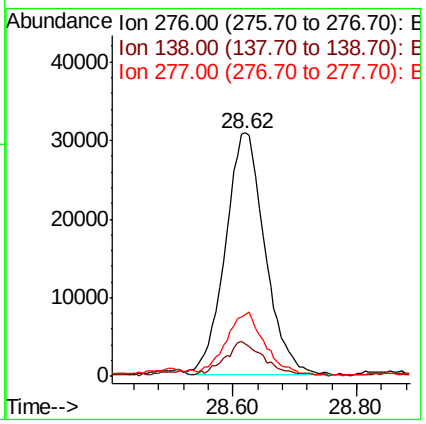


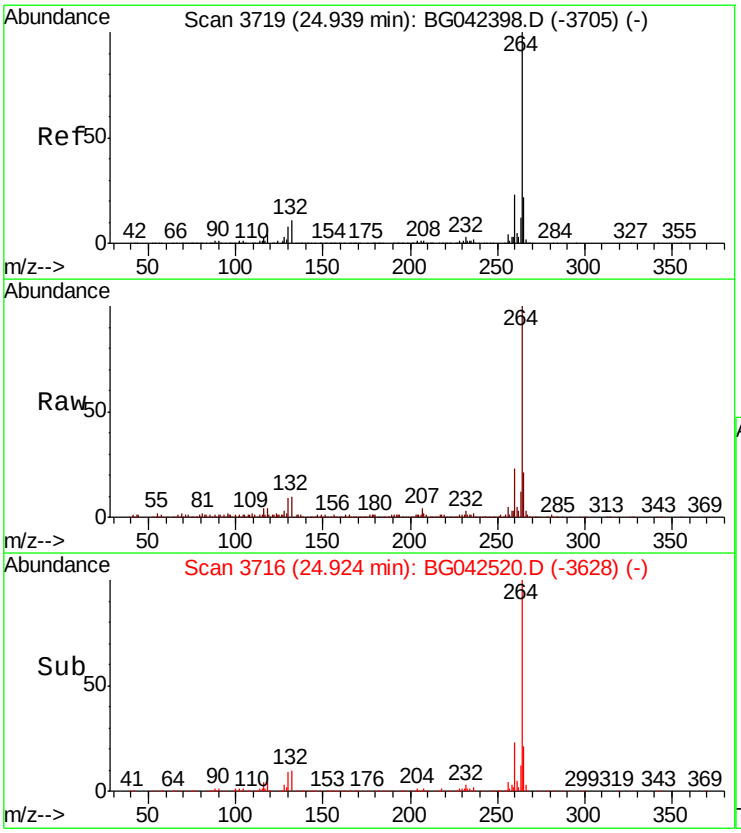
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.637 ng
RT: 28.62 min Scan# 4345
Delta R.T. -0.03 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 136482

Ion	Ratio	Lower	Upper
276	100		
138	14.3	9.2	13.8#
277	26.8	21.0	31.6

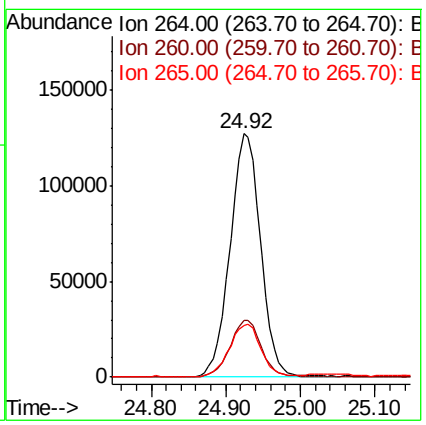


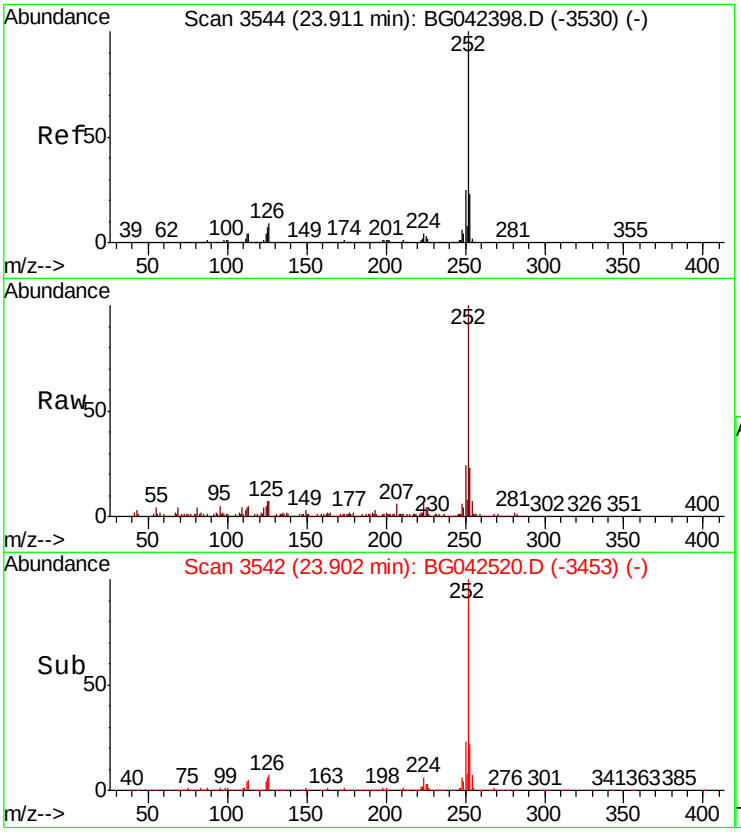


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion:264 Resp: 361801

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.2	17.6	26.4



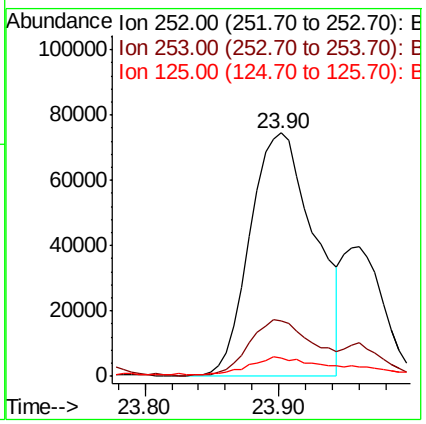


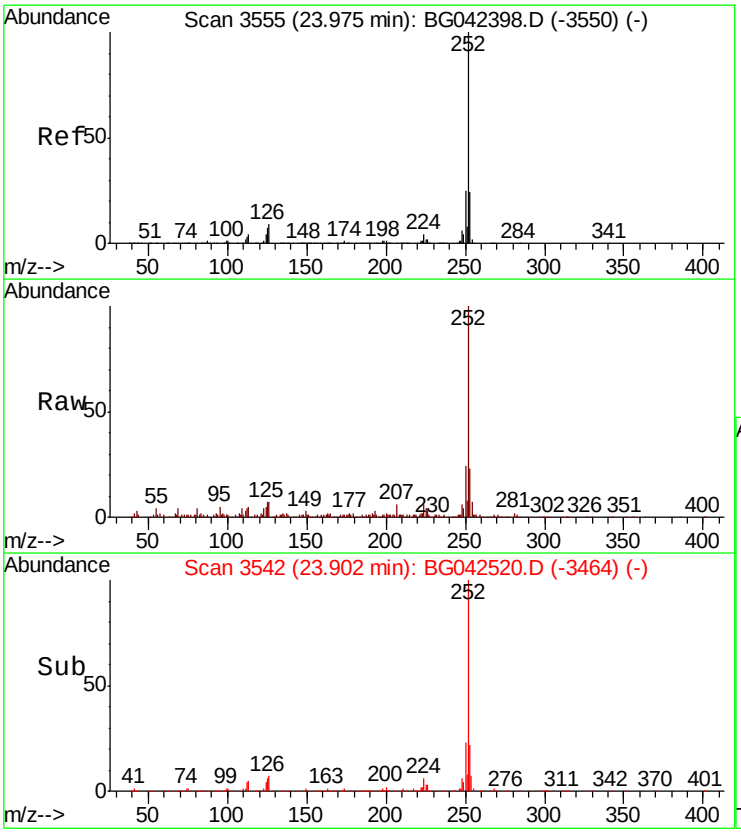
#88
Benzo(b)fluoranthene
Concen: 12.586 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 250347

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	27.8
125	7.3	5.6	8.4

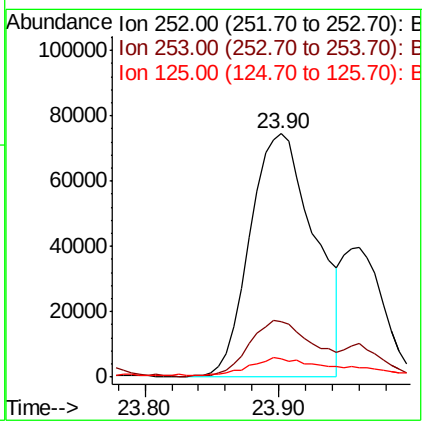


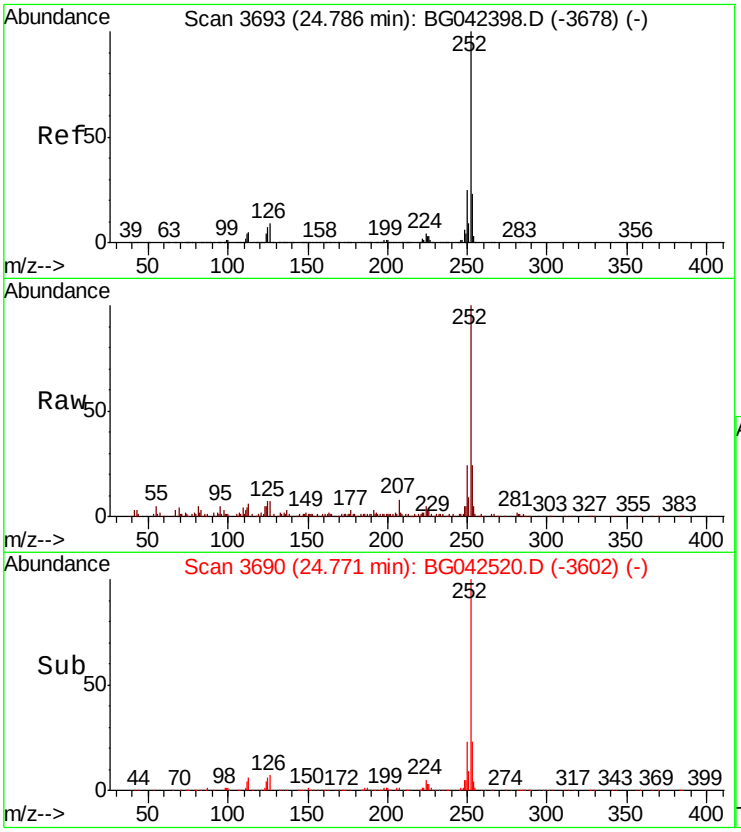


#89
Benzo(k)fluoranthene
Concen: 13.094 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.07 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion:252 Resp: 250347

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	27.8
125	7.3	5.8	8.6



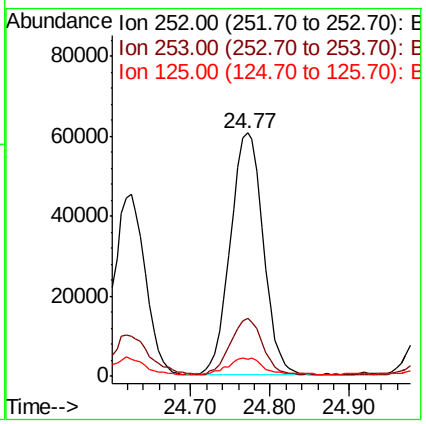


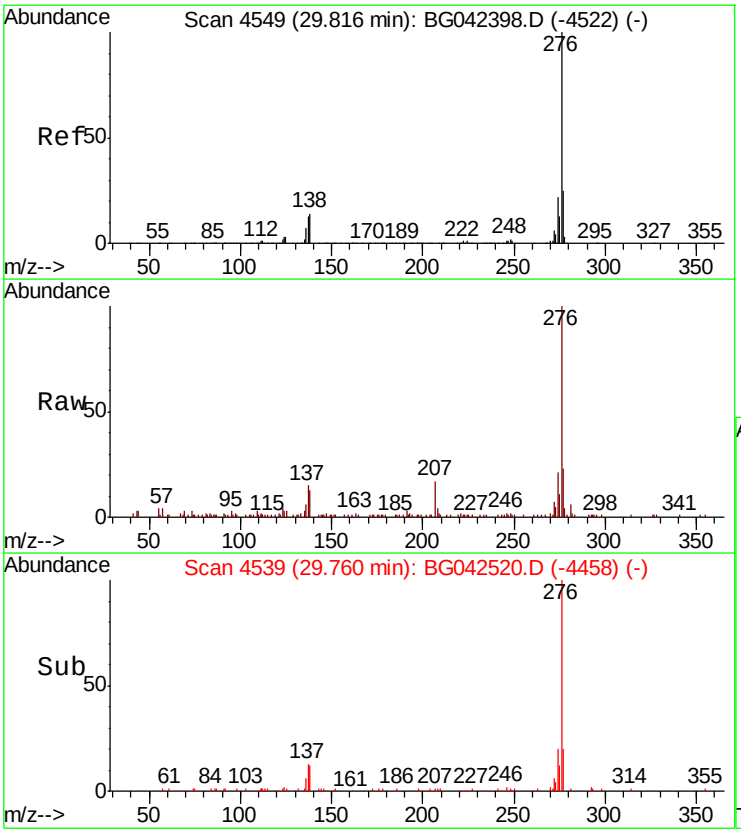
#90
Benzo(a)pyrene
Concen: 9.209 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 173811

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	7.1	6.0	9.0





#92
Benzo(g,h,i)perylene
Concen: 7.216 ng
RT: 29.76 min Scan# 4539
Delta R.T. -0.06 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion:276 Resp: 137919

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.8	29.8
138	12.6	11.4	17.0