Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042384.D
Acq On : 21 Aug 2019 15:29
Operator : HP/JU
Sample : K4339-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 21 17:34:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	88822	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	345536	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	236079	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	440919	20.00	ng		0.00
76) Chrysene-d12	21.70	240	375533	20.00	ng		0.00
87) Perylene-d12	24.98	264	437105	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	522223	119.12	ng		0.00
7) Phenol-d6	7.18	99	715978	120.25	ng		0.01
23) Nitrobenzene-d5	9.17	82	418603	85.21	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	374677	116.53	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1171416	83.96	ng		0.00
79) Terphenyl-d14	20.03	244	1310621	76.44	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.20	94	12114	2.001	ng	#	69
19) n-Nitroso-di-n-propylamine	9.17	70	55031	14.370	ng	#	74
31) Naphthalene	10.88	128	73847	4.612	ng		98
50) Dimethylphthalate	14.11	163	165539	9.868	ng		99
57) 2,4-Dinitrotoluene	14.66	165	34122	6.216	ng	#	38
71) Phenanthrene	17.47	178	200016	9.108	ng		99
72) Anthracene	17.47	178	200016	9.133	ng		98
75) Fluoranthene	19.47	202	330913	12.496	ng		95
78) Pyrene	19.84	202	302687	13.099	ng		97
81) Benzo(a)anthracene	21.68	228	177886	7.713	ng		96
83) Chrysene	21.68	228	177886	8.063	ng		94
86) Indeno(1,2,3-cd)pyrene	28.71	276	135251	4.592	ng		97
88) Benzo(b)fluoranthene	23.93	252	253667	10.558	ng	#	90
89) Benzo(k)fluoranthene	23.93	252	253667	10.801	ng	#	90
90) Benzo(a)pyrene	24.82	252	190152	8.260	ng	#	87
92) Benzo(g,h,i)perylene	29.86	276	140676	6.147	ng		95

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
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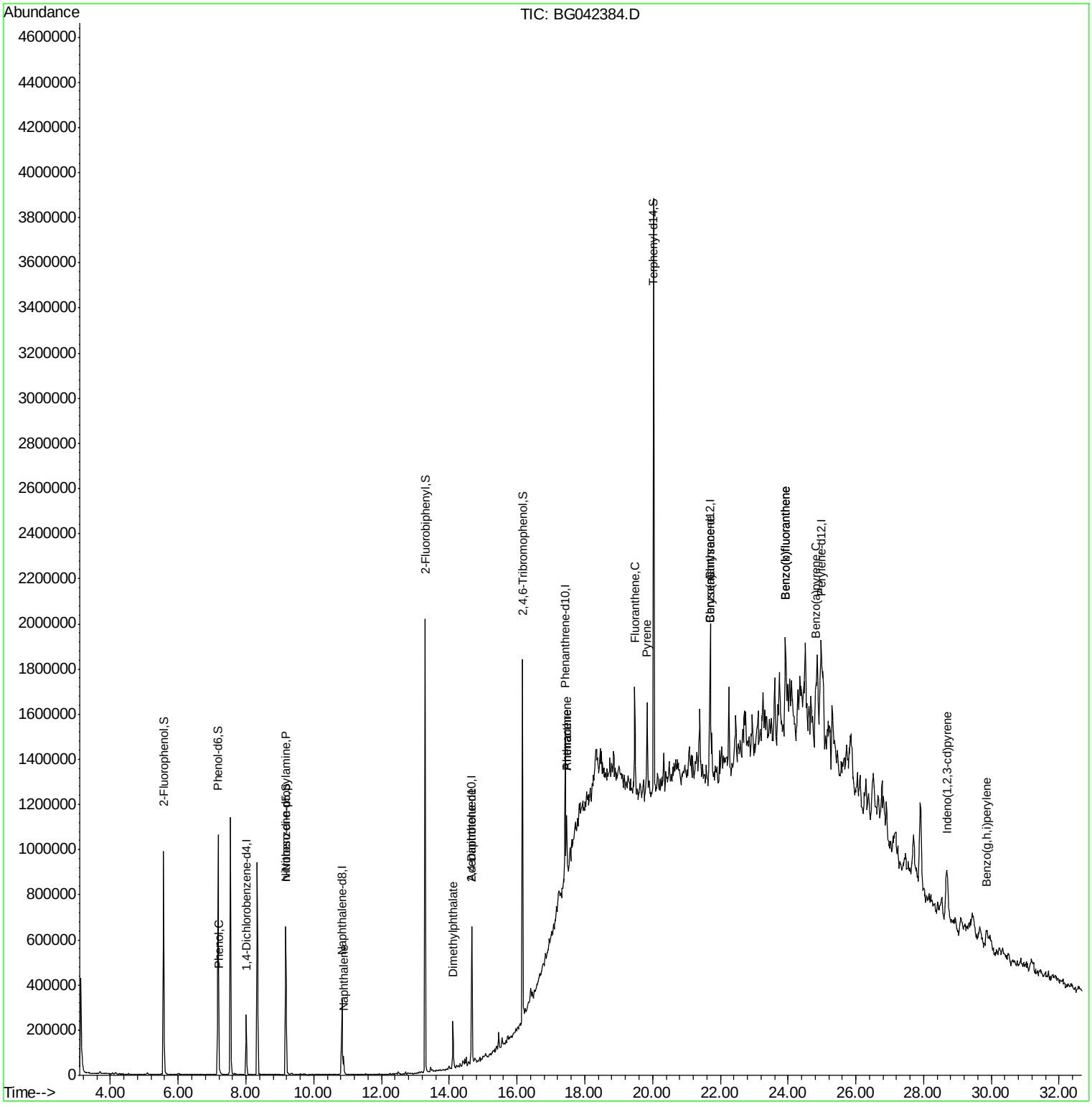
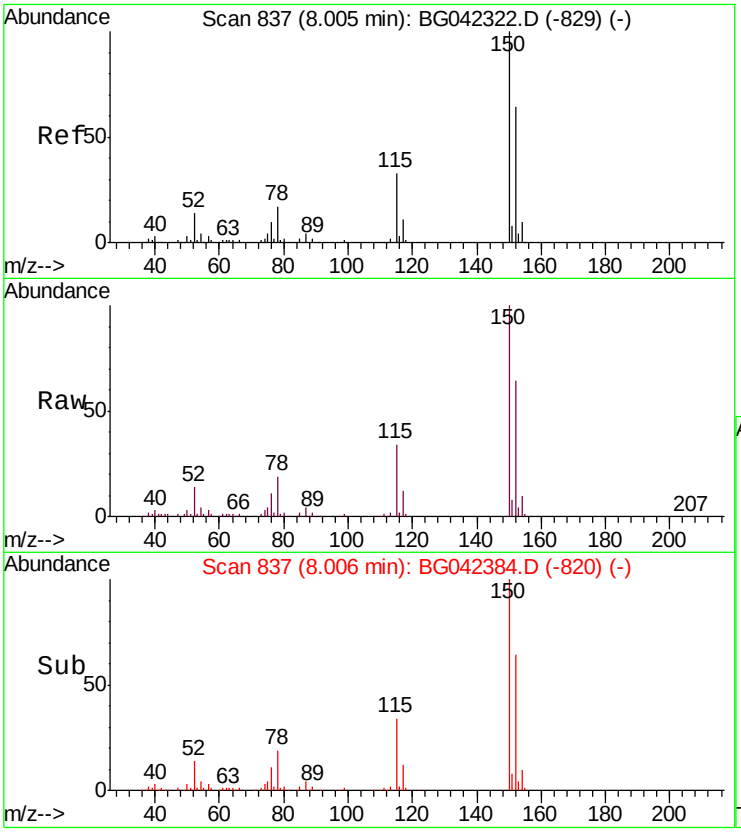


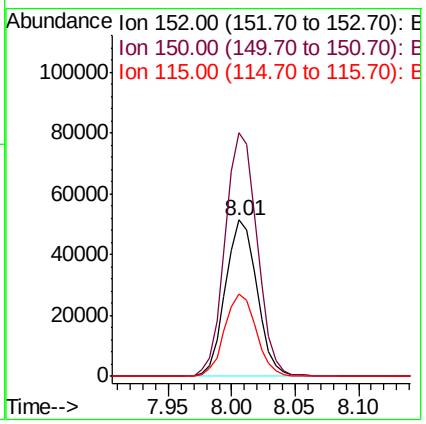


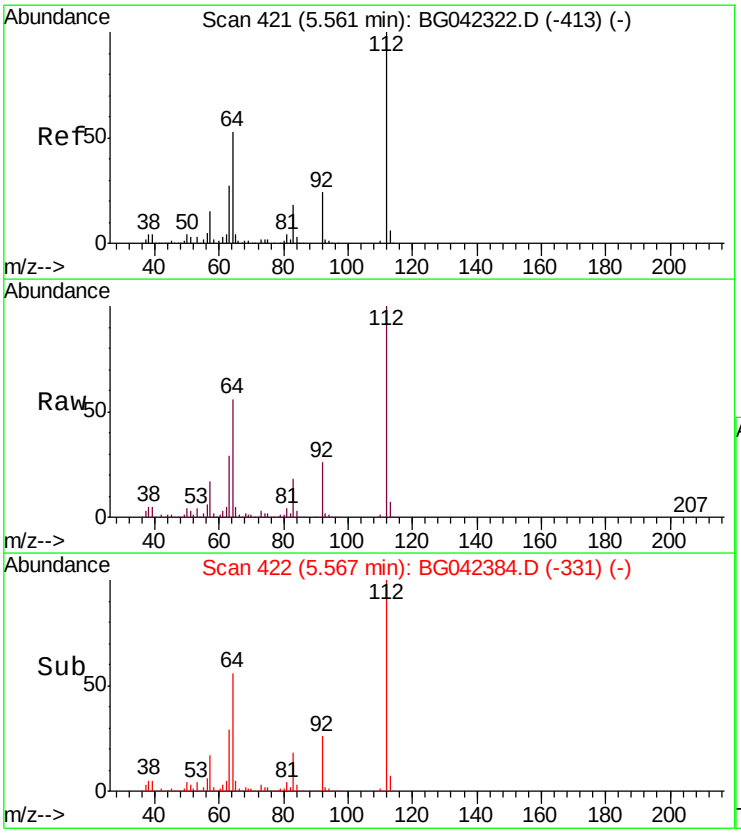
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 88822

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.3	186.5
115	52.5	40.5	60.7

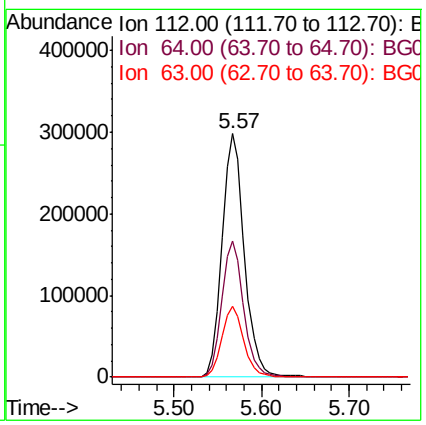


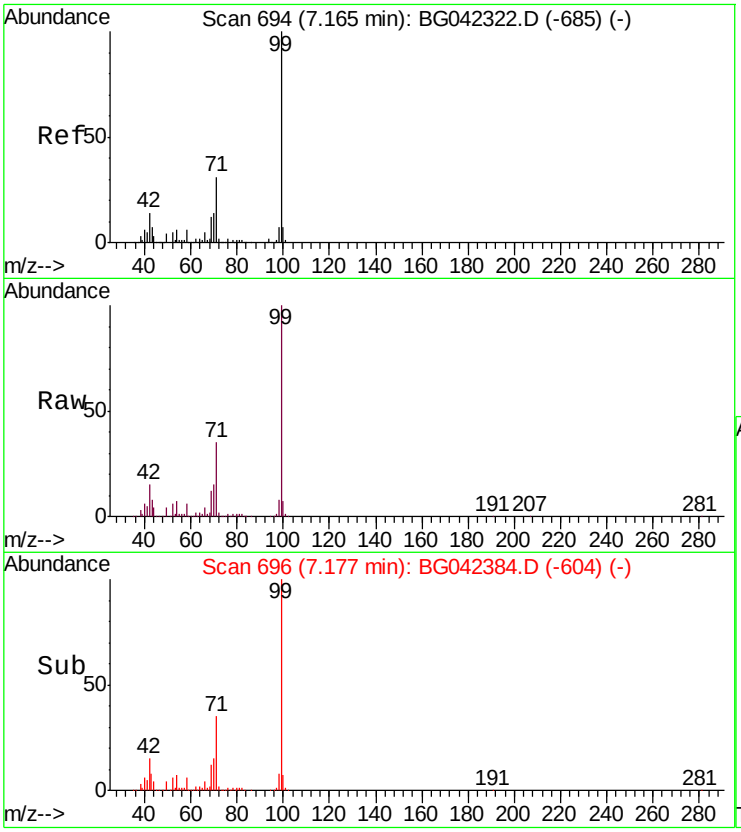


#5
2-Fluorophenol
Concen: 119.123 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Tgt Ion:112 Resp: 522223

Ion	Ratio	Lower	Upper
112	100		
64	56.0	42.5	63.7
63	28.8	21.7	32.5



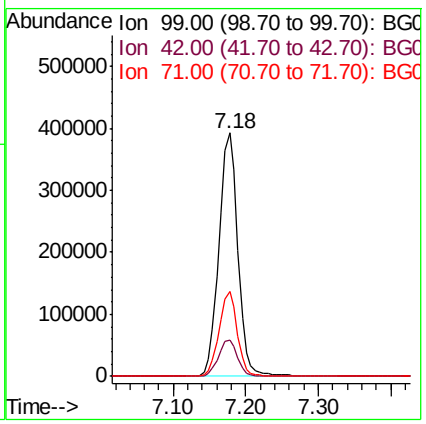


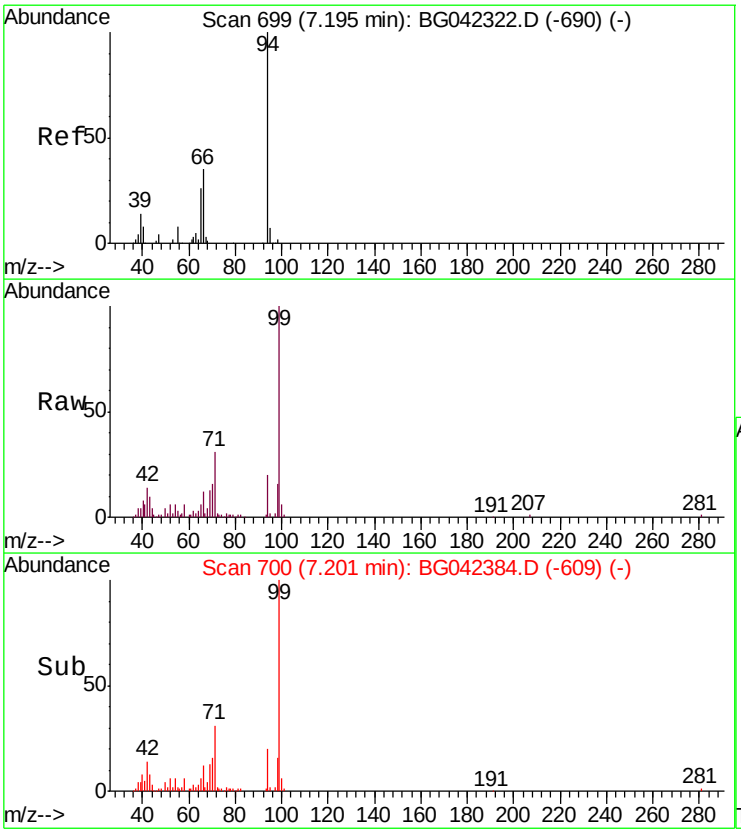
#7
Phenol-d6
Concen: 120.254 ng
RT: 7.18 min Scan# 696
Delta R.T. 0.01 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 715978

Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.4	17.0
71	34.9	25.1	37.7

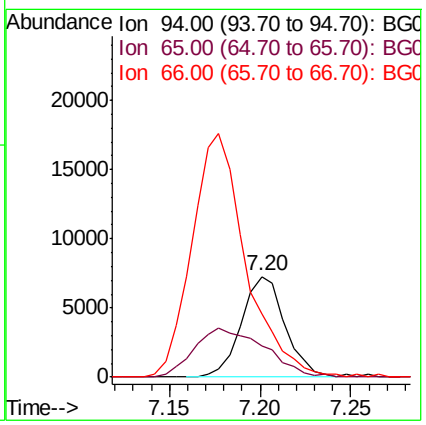


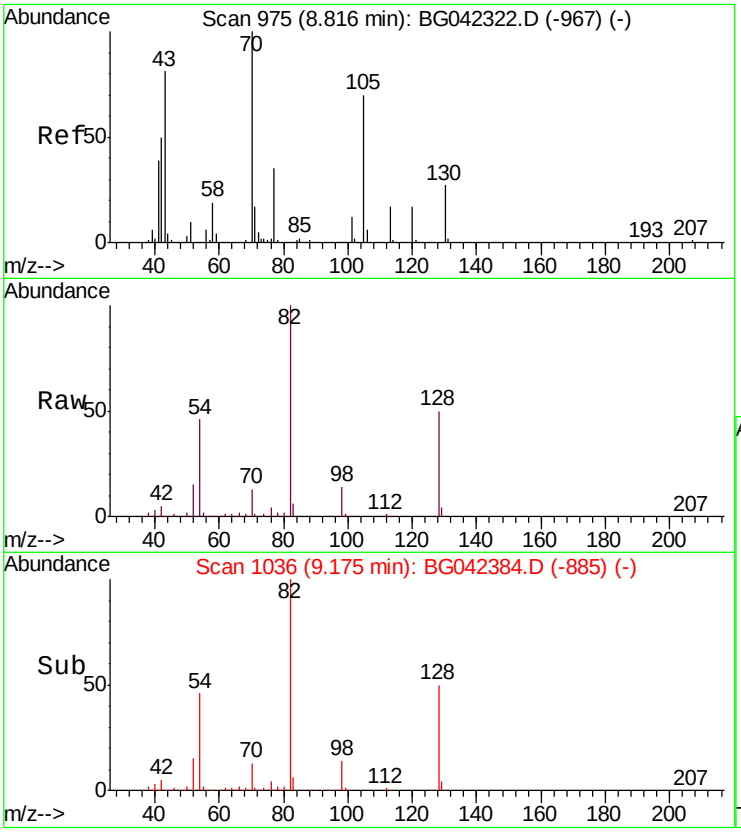


#10
Phenol
Concen: 2.001 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.01 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Tgt Ion: 94 Resp: 12114

Ion	Ratio	Lower	Upper
94	100		
65	31.2	6.1	46.1
66	62.5	15.7	55.7#



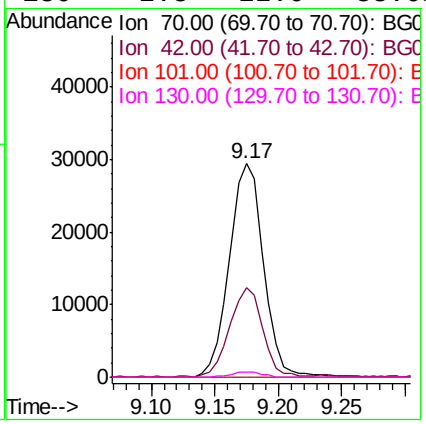


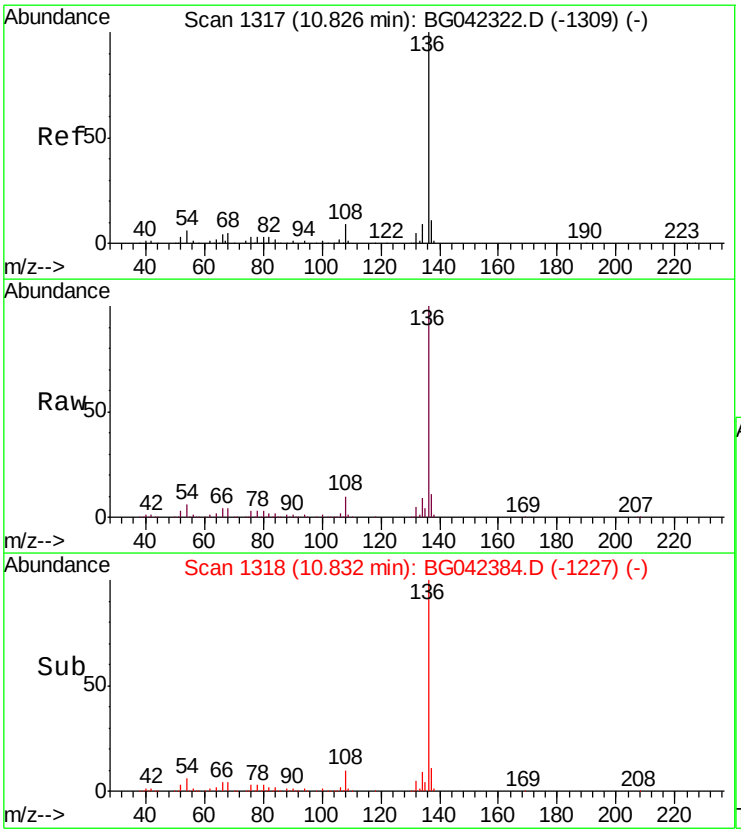
#19
n-Nitroso-di-n-propylamine
Concen: 14.370 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.36 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 55031

Ion	Ratio	Lower	Upper
70	100		
42	42.2	40.5	60.7
101	0.0	9.3	13.9#
130	2.3	22.0	33.0#

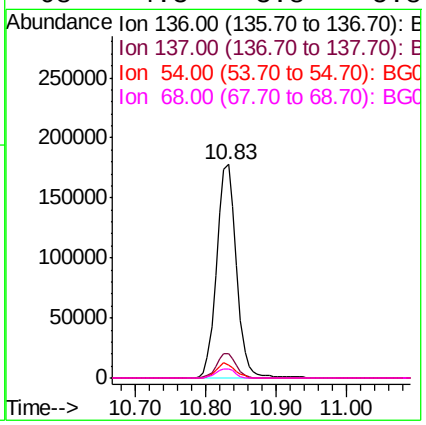


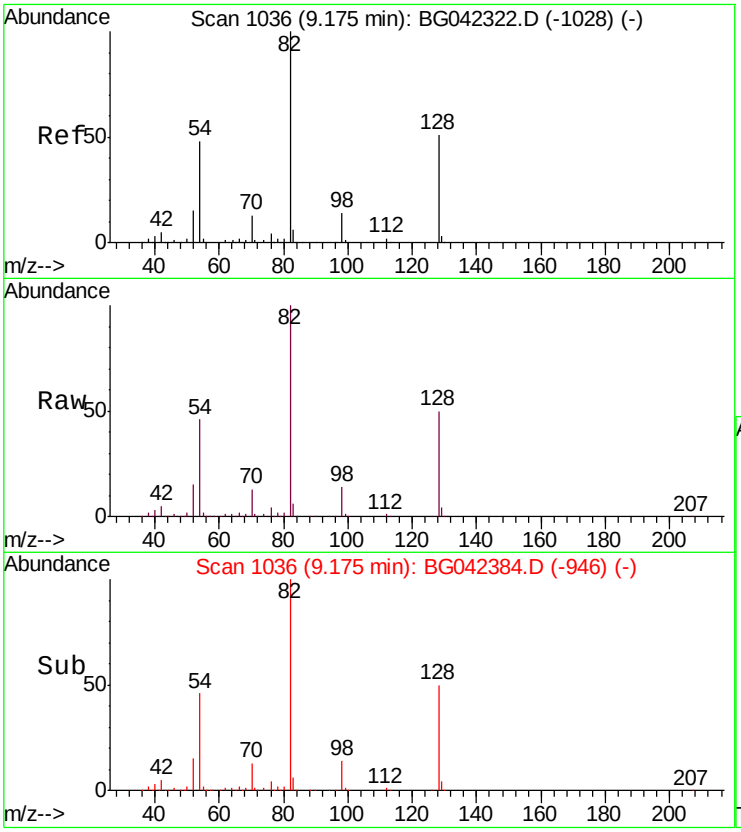


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Tgt Ion:136 Resp: 345536

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.2	5.0	7.4
68	4.3	3.8	5.8



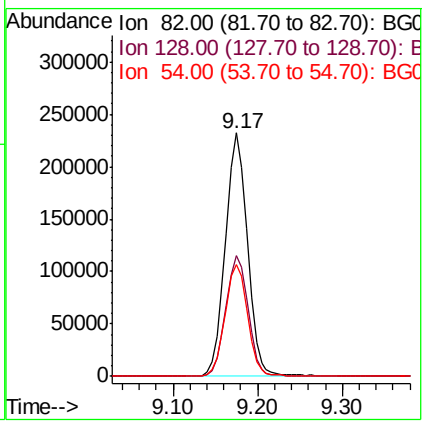


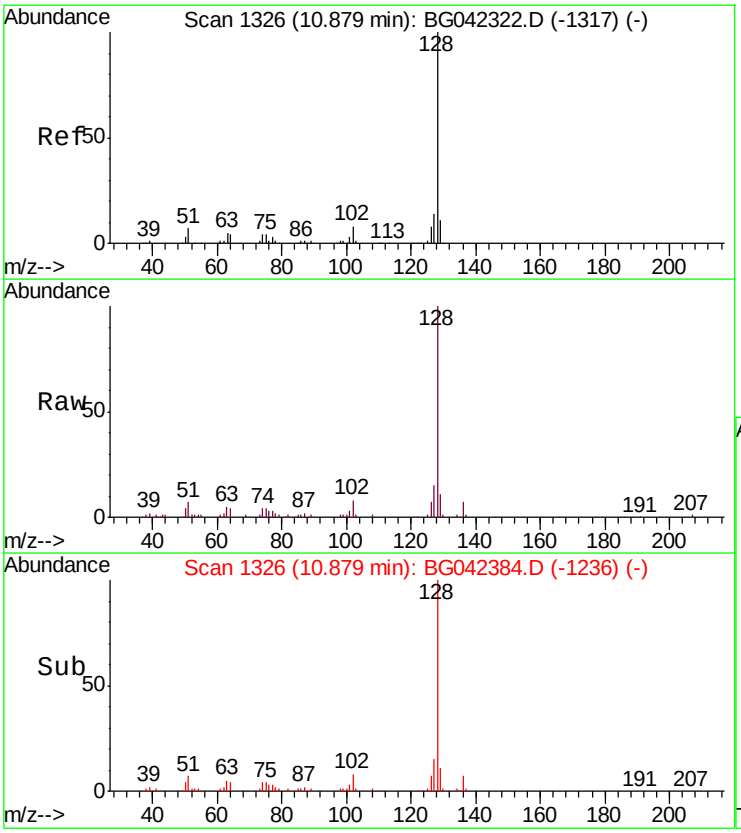
#23
Nitrobenzene-d5
Concen: 85.206 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 418603

Ion	Ratio	Lower	Upper
82	100		
128	49.7	41.0	61.4
54	45.9	38.0	57.0

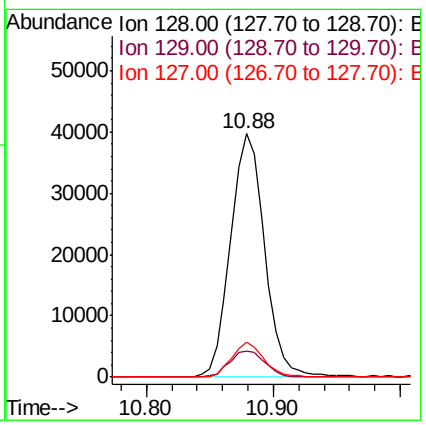


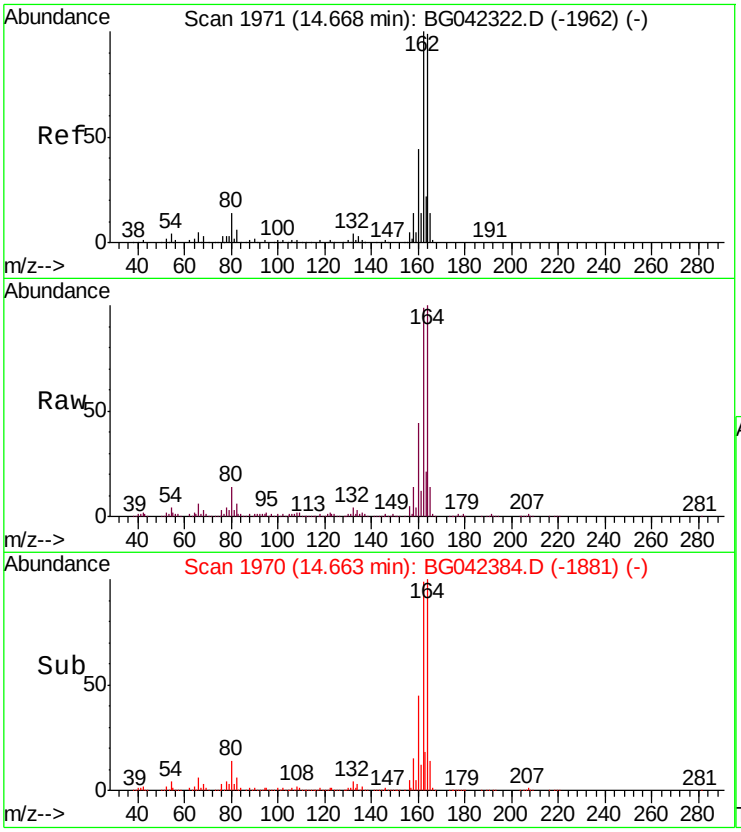


#31
Naphthalene
Concen: 4.612 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Tgt Ion:128 Resp: 73847

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	14.5	10.8	16.2



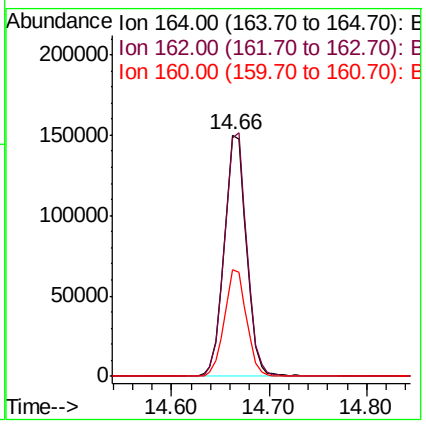


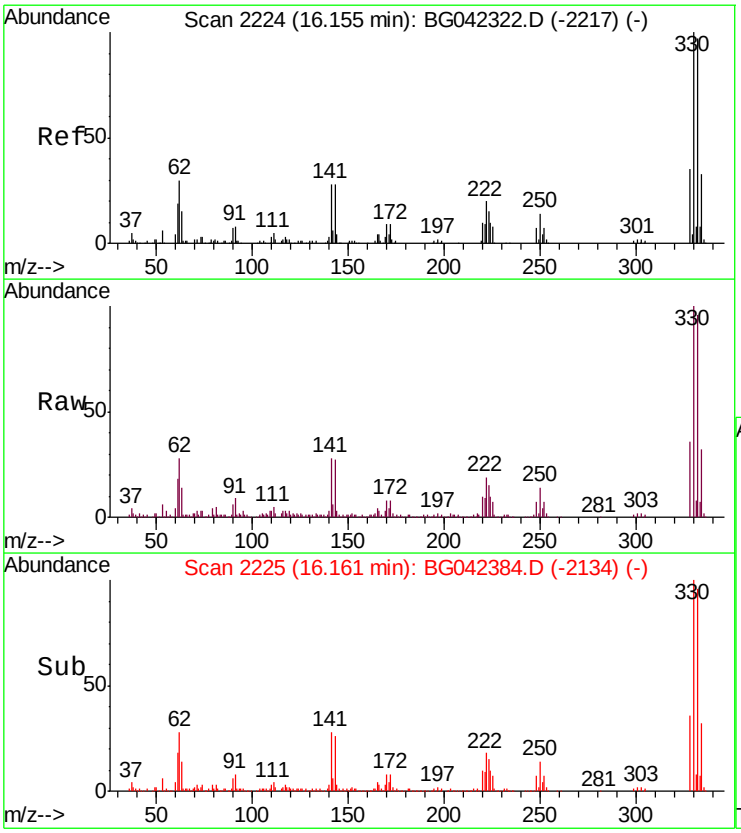
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 236079

Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.6	120.8
160	44.4	35.7	53.5

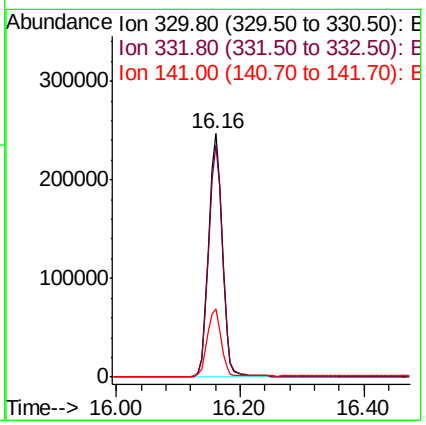


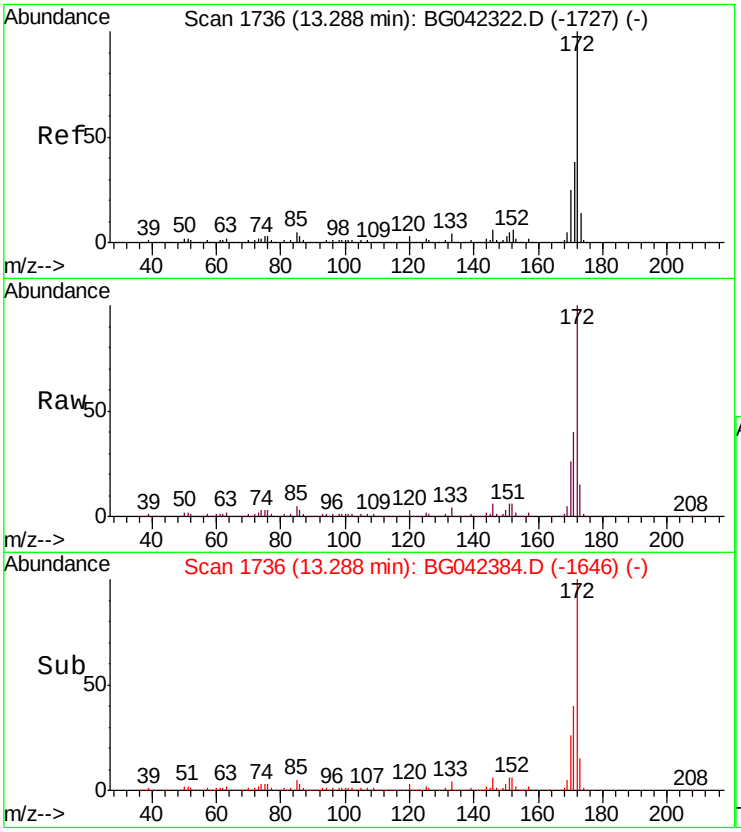


#42
2,4,6-Tribromophenol
Concen: 116.528 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Tgt Ion:330 Resp: 374677

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	27.9	21.8	32.6



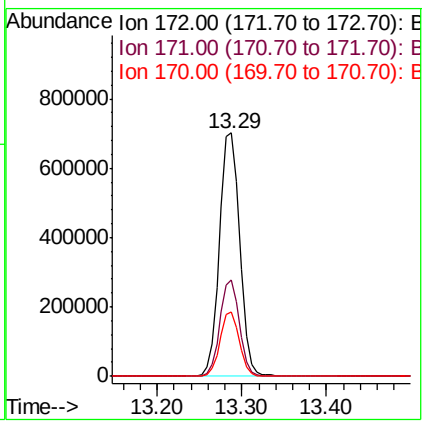


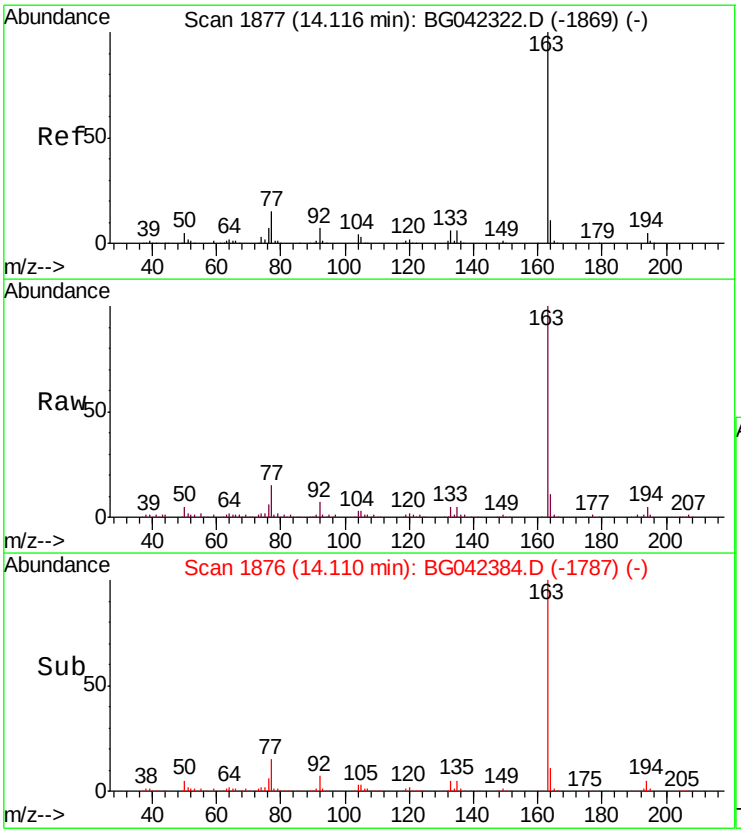
#45
2-Fluorobiphenyl
Concen: 83.964 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1171416

Ion	Ratio	Lower	Upper
172	100		
171	39.9	30.3	45.5
170	26.2	20.0	30.0

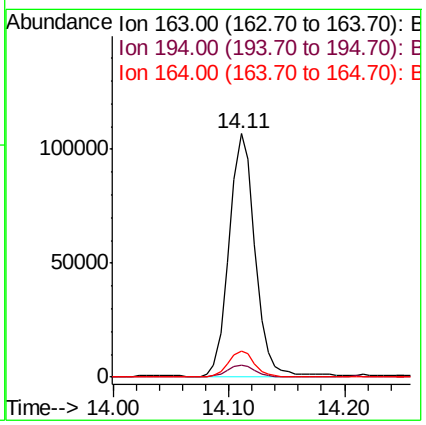


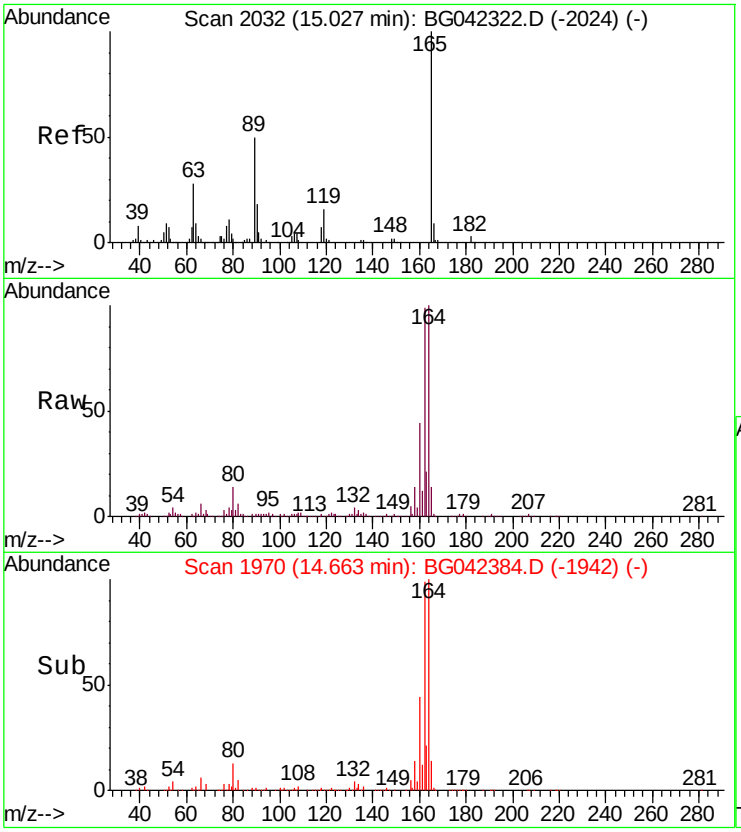


#50
Dimethylphthalate
Concen: 9.868 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Tgt Ion:163 Resp: 165539

Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	10.5	8.8	13.2



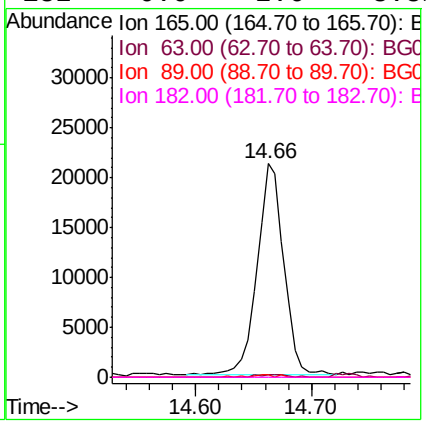


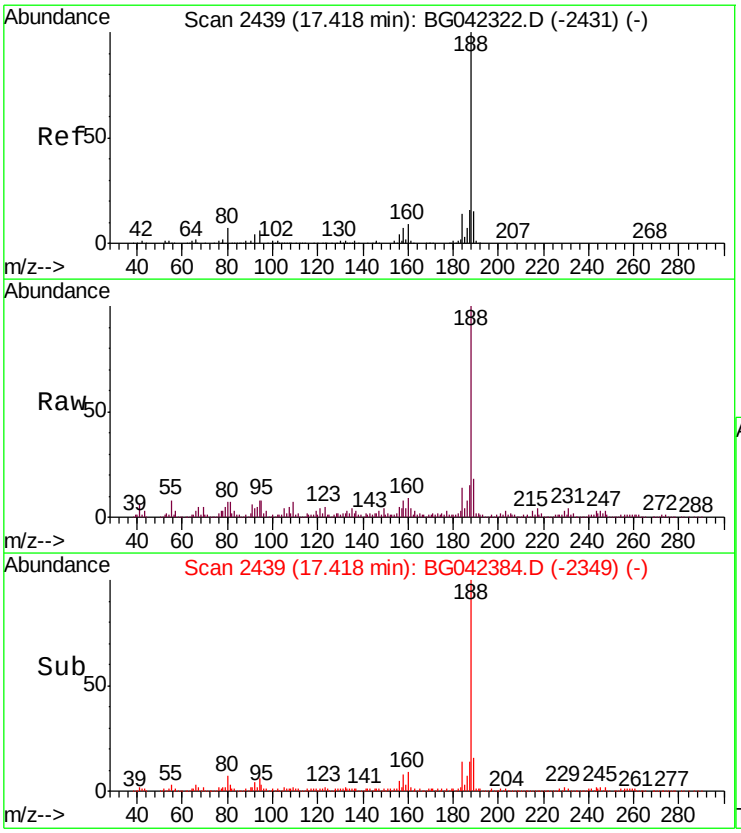
#57
2,4-Dinitrotoluene
Concen: 6.216 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.36 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 34122

Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.4	33.6#
89	1.3	40.2	60.2#
182	0.0	2.6	3.8#

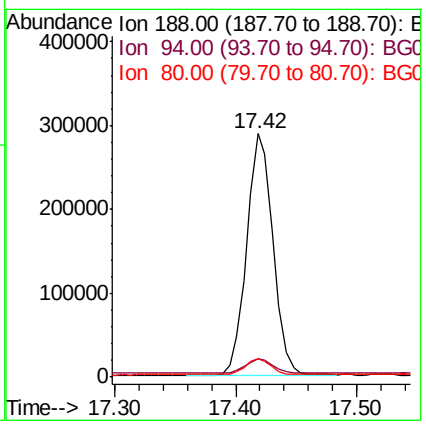


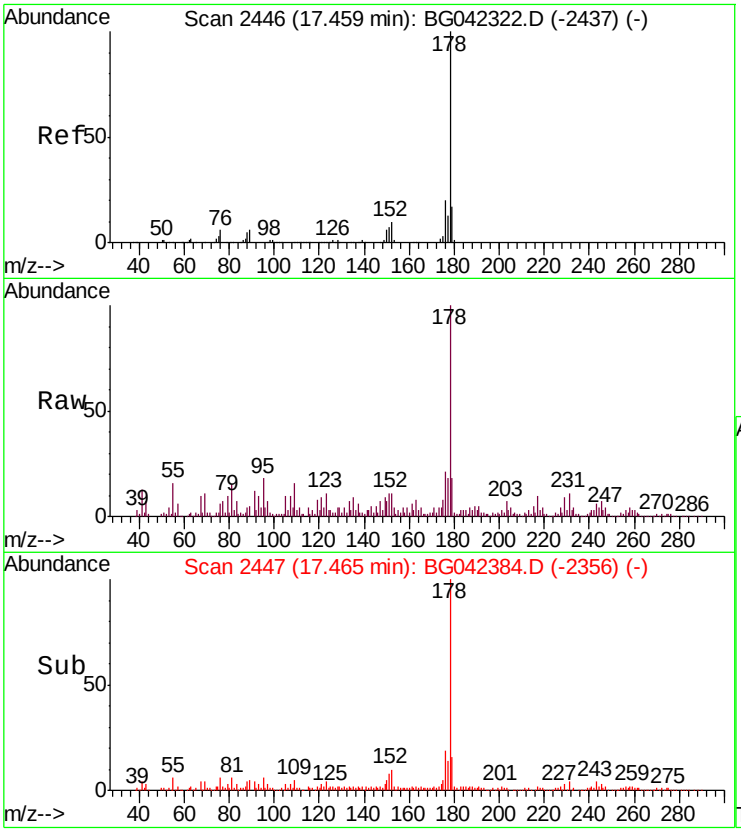


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Tgt Ion:188 Resp: 440919

Ion	Ratio	Lower	Upper
188	100		
94	7.6	4.9	7.3#
80	7.5	5.4	8.0



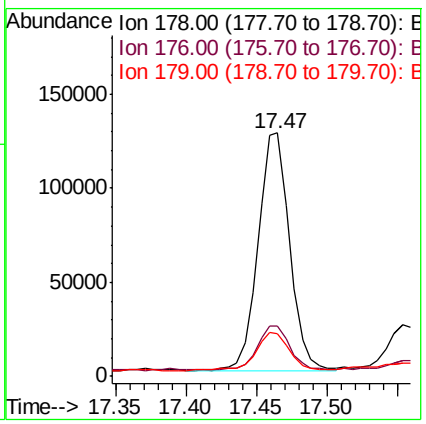


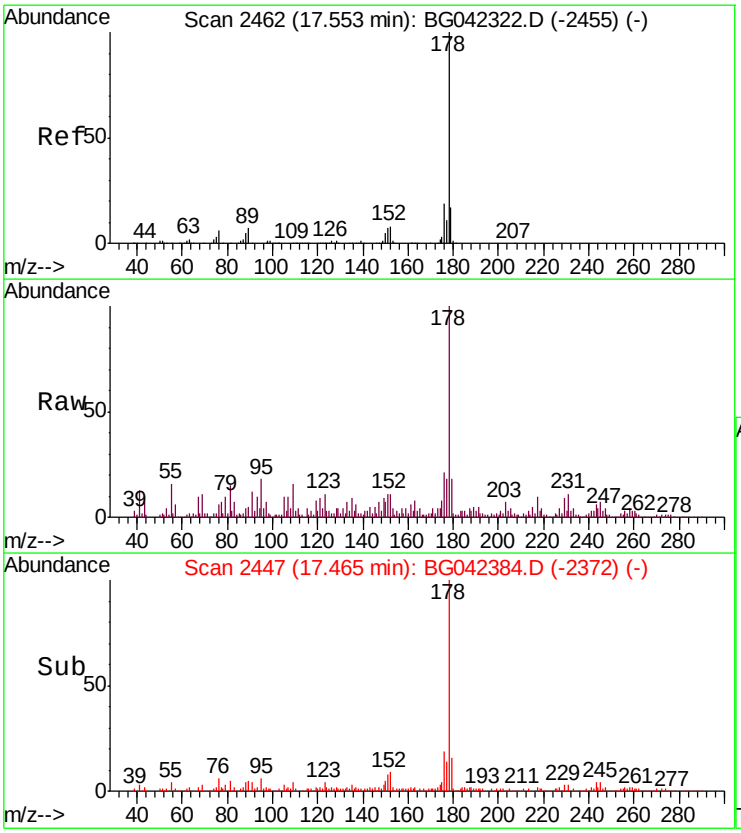
#71
Phenanthrene
Concen: 9.108 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.01 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 200016

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	17.5	13.7	20.5

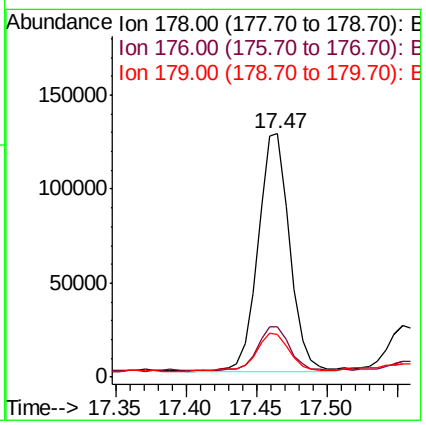


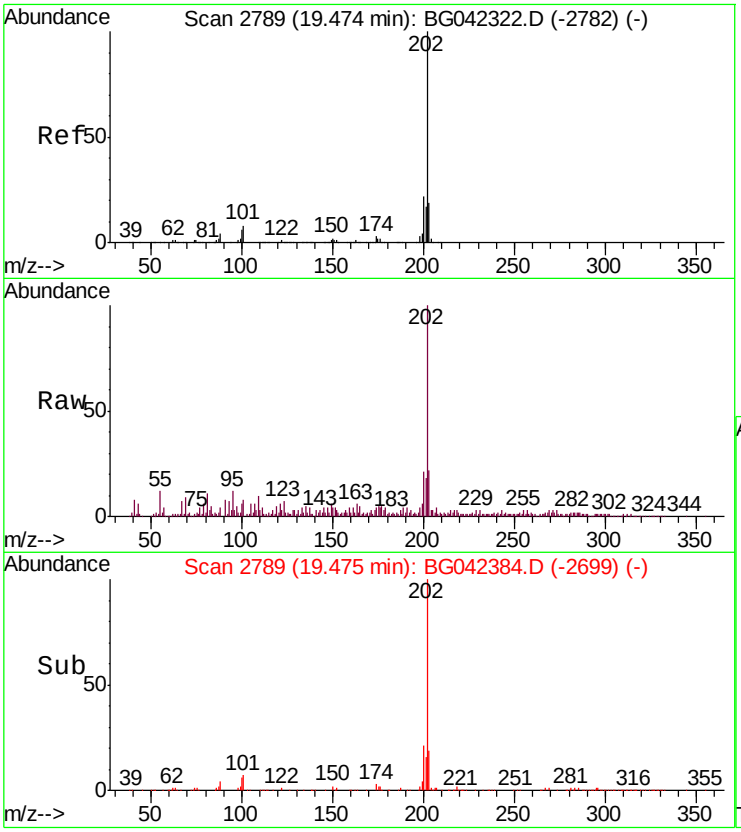


#72
Anthracene
Concen: 9.133 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.09 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Tgt Ion:178 Resp: 200016

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.5	23.3
179	17.5	13.6	20.4



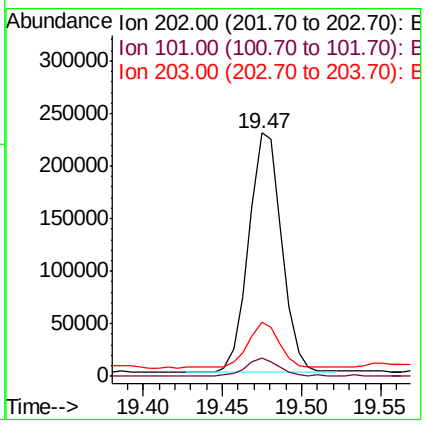


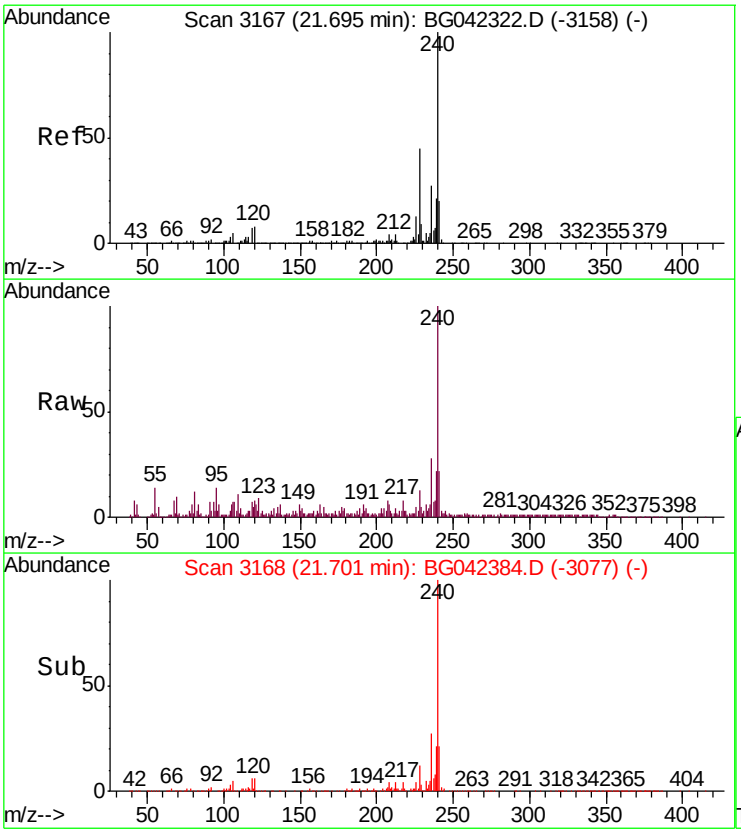
#75
Fluoranthene
Concen: 12.496 ng
RT: 19.47 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 330913

Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	28.0
203	22.2	0.0	39.1

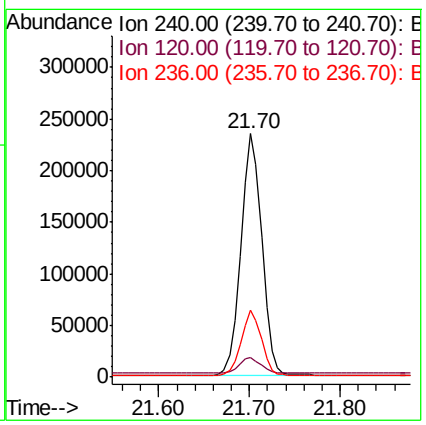


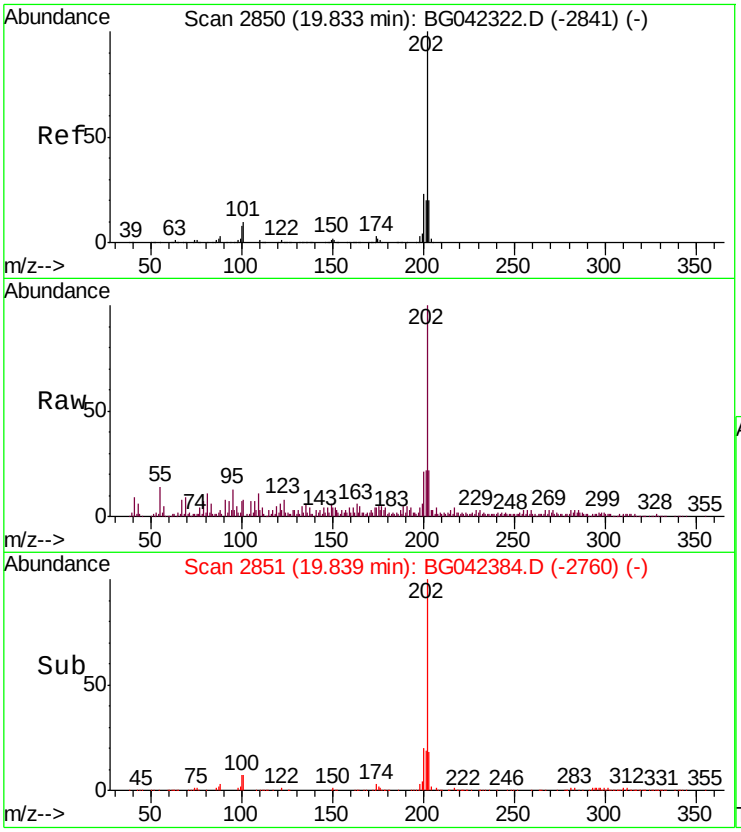


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. 0.01 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Tgt Ion:240 Resp: 375533

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.0	9.0
236	27.5	21.6	32.4



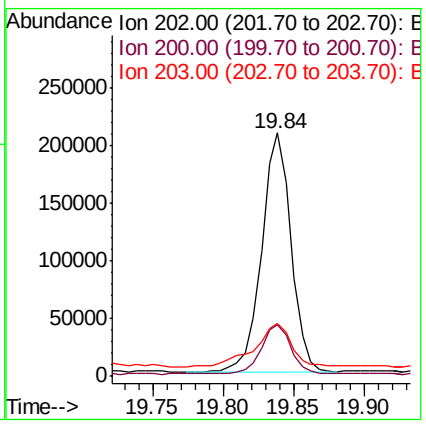


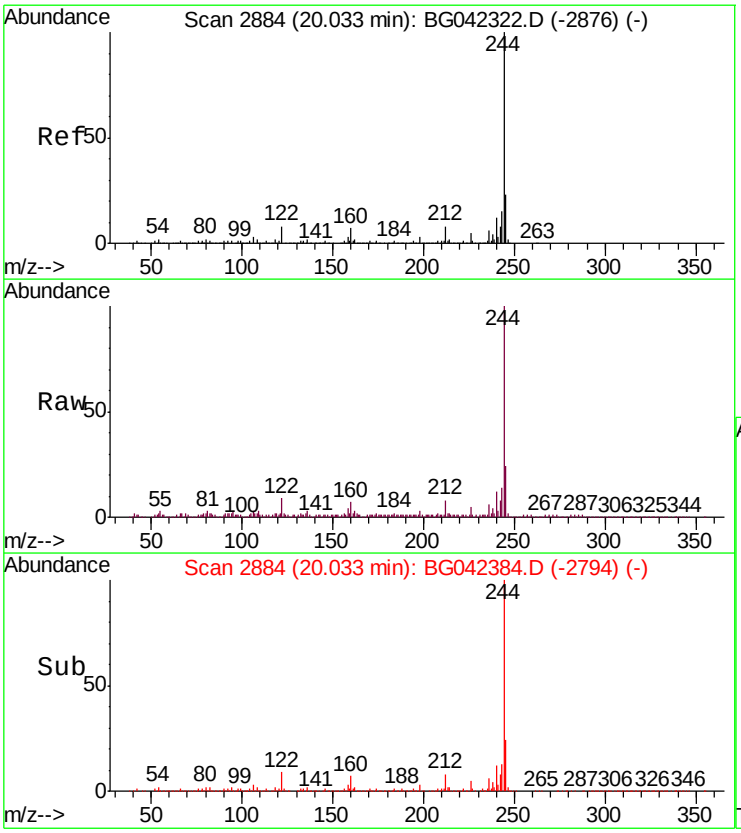
#78
Pyrene
Concen: 13.099 ng
RT: 19.84 min Scan# 2851
Delta R.T. 0.01 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 302687

Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.1	27.1
203	21.5	15.8	23.8

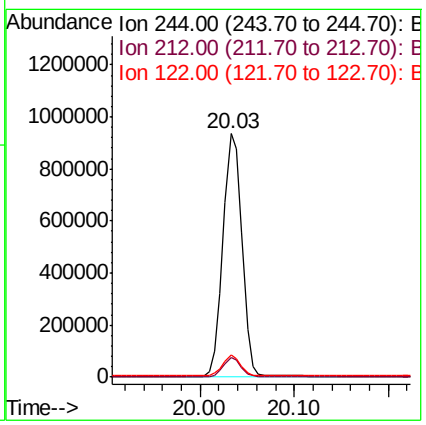


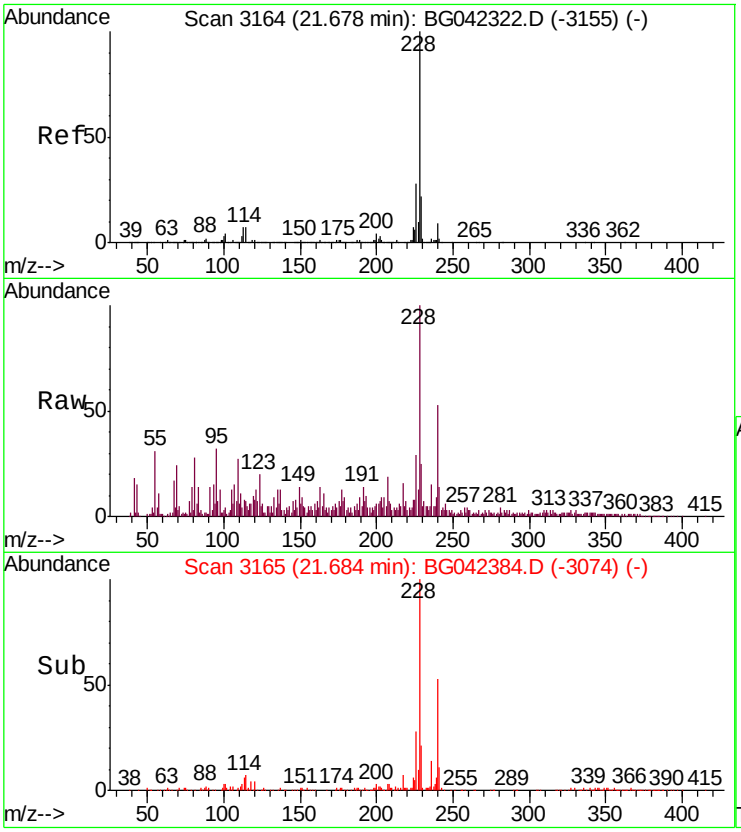


#79
Terphenyl-d14
Concen: 76.442 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Tgt Ion:244 Resp: 1310621

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	9.2	6.6	10.0



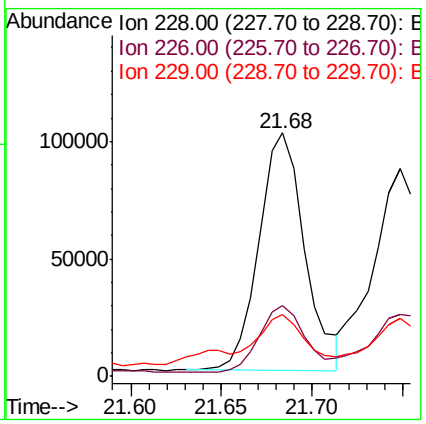


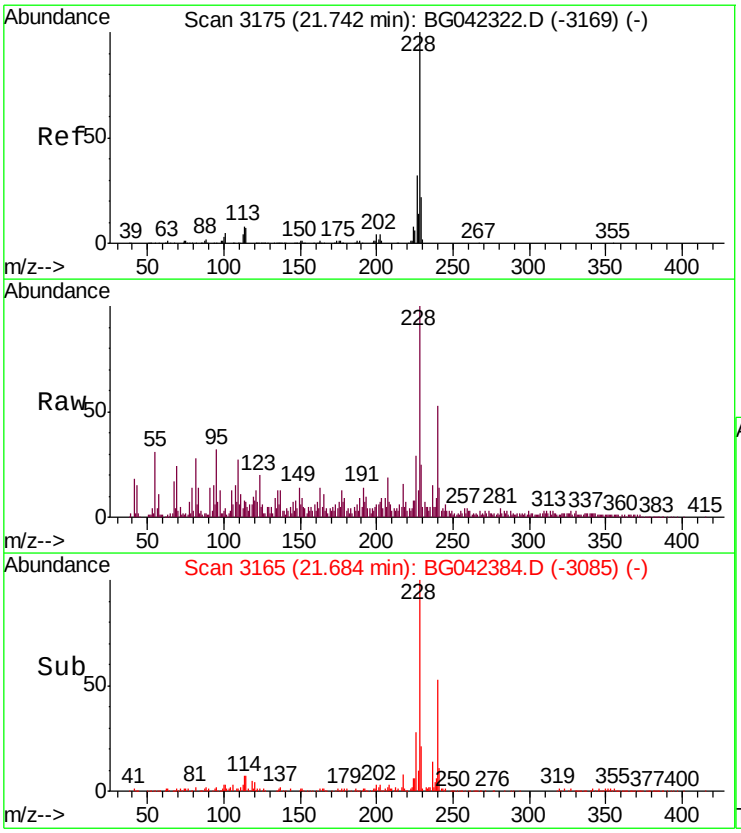
#81
Benzo(a)anthracene
Concen: 7.713 ng
RT: 21.68 min Scan# 3165
Delta R.T. 0.01 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 177886

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	25.5	17.4	26.2

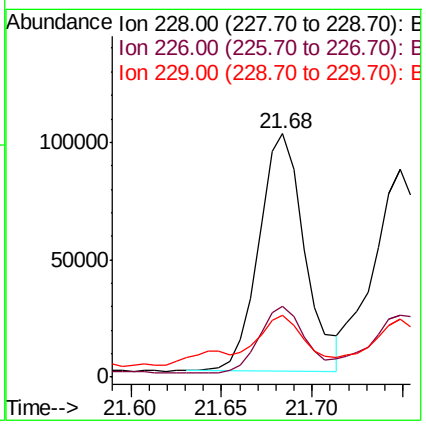


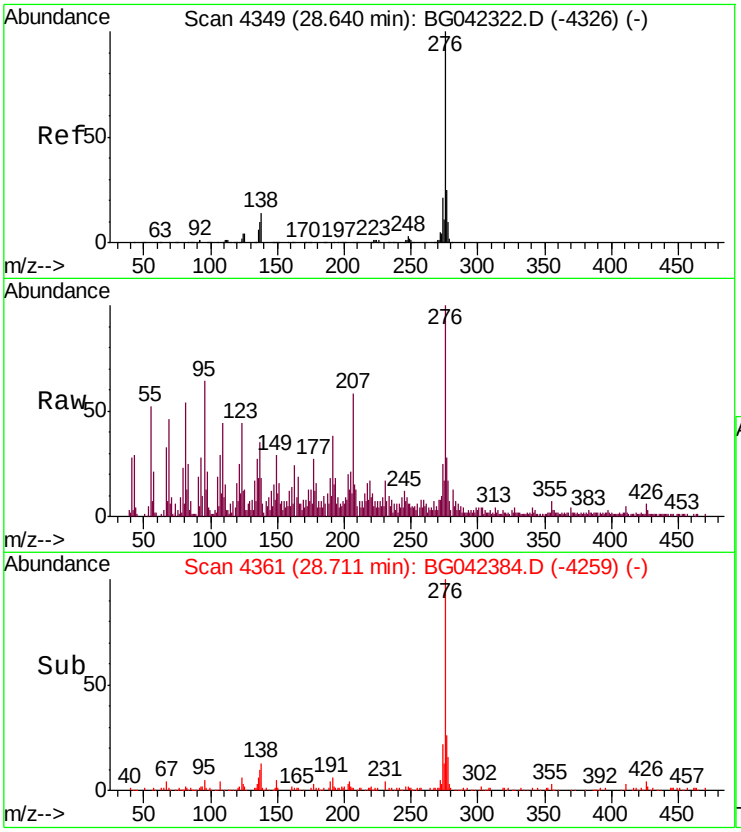


#83
Chrysene
Concen: 8.063 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.06 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Tgt Ion:228 Resp: 177886

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.6	38.4
229	25.5	17.8	26.6



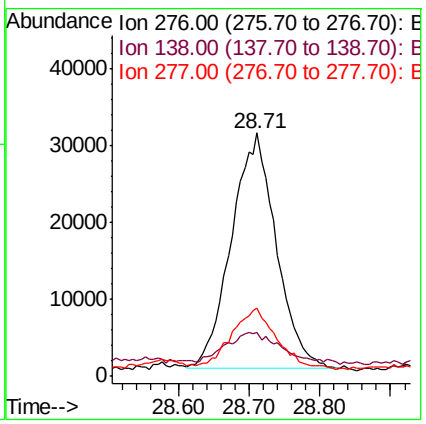


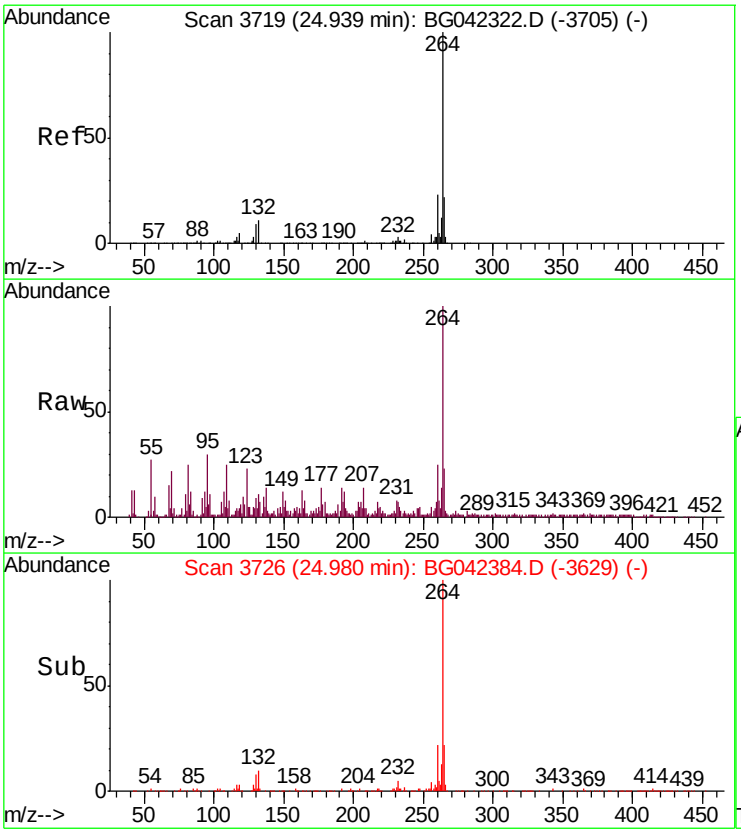
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.592 ng
RT: 28.71 min Scan# 4361
Delta R.T. 0.07 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 135251

Ion	Ratio	Lower	Upper
276	100		
138	14.6	14.5	21.7
277	26.2	21.0	31.4

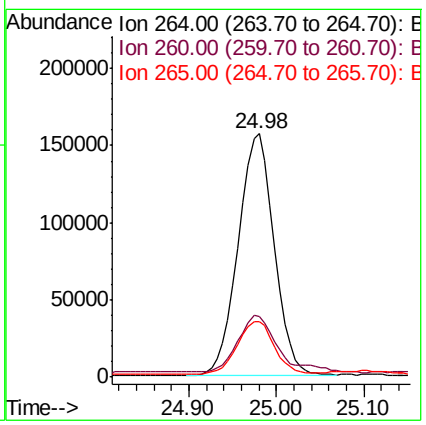


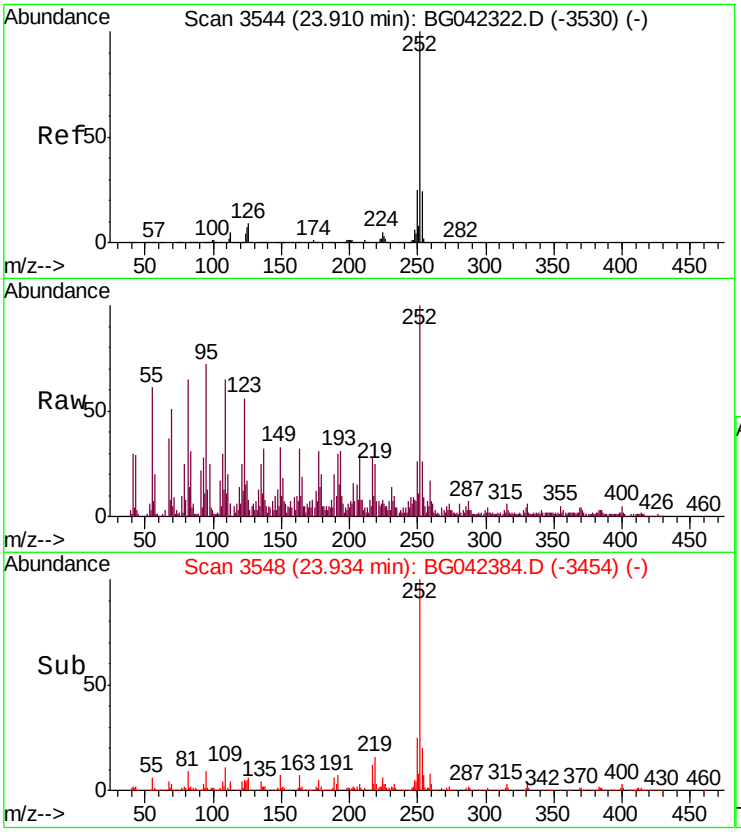


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. 0.04 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Tgt Ion:264 Resp: 437105

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.4	27.6
265	23.0	17.4	26.0



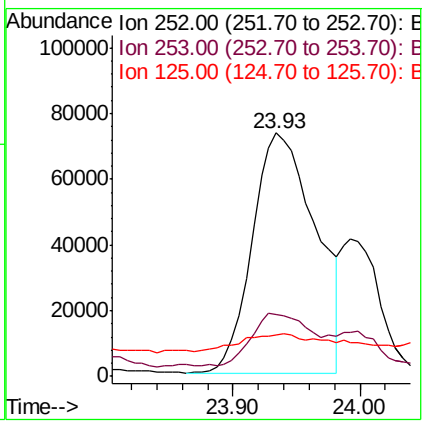


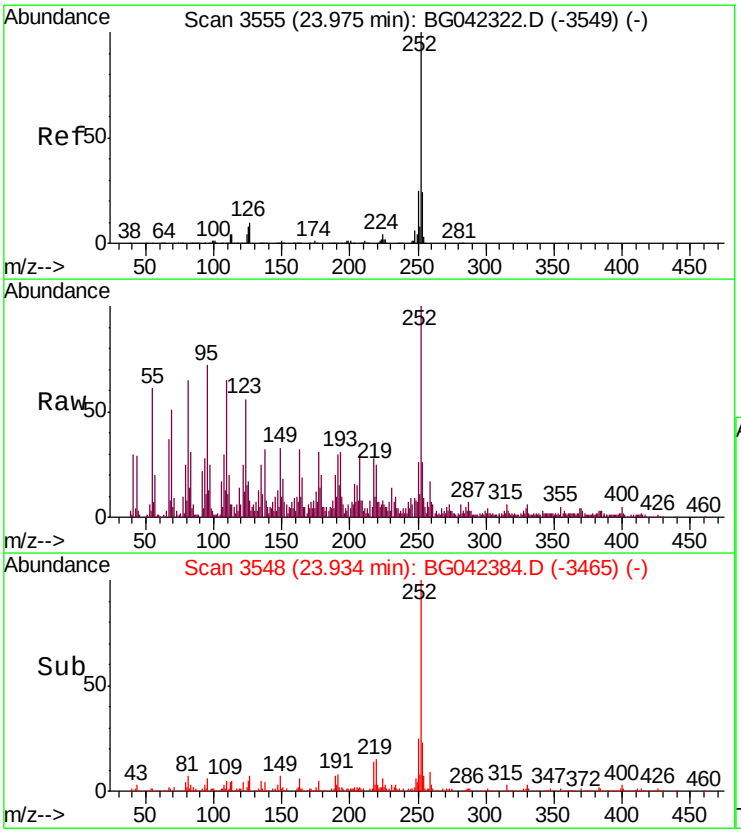
#88
Benzo(b)fluoranthene
Concen: 10.558 ng
RT: 23.93 min Scan# 3548
Delta R.T. 0.02 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 253667

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.9	28.3
125	17.2	5.8	8.6#

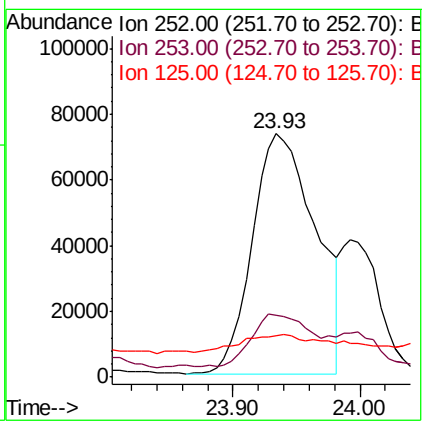


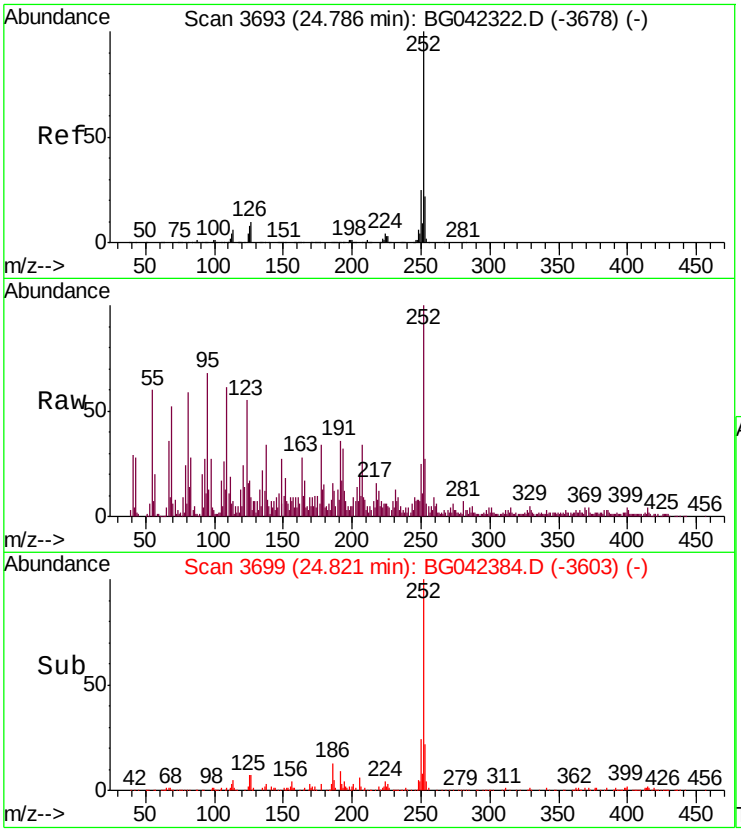


#89
Benzo(k)fluoranthene
Concen: 10.801 ng
RT: 23.93 min Scan# 3548
Delta R.T. -0.04 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Tgt Ion:252 Resp: 253667

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.0	28.4
125	17.2	6.0	9.0#



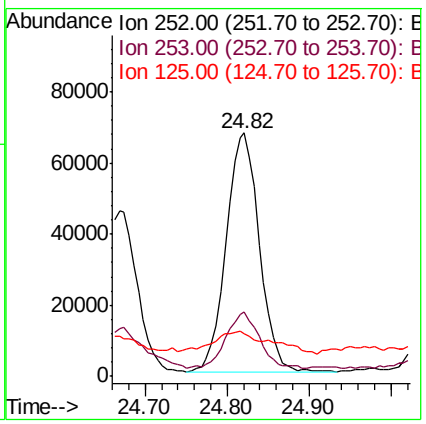


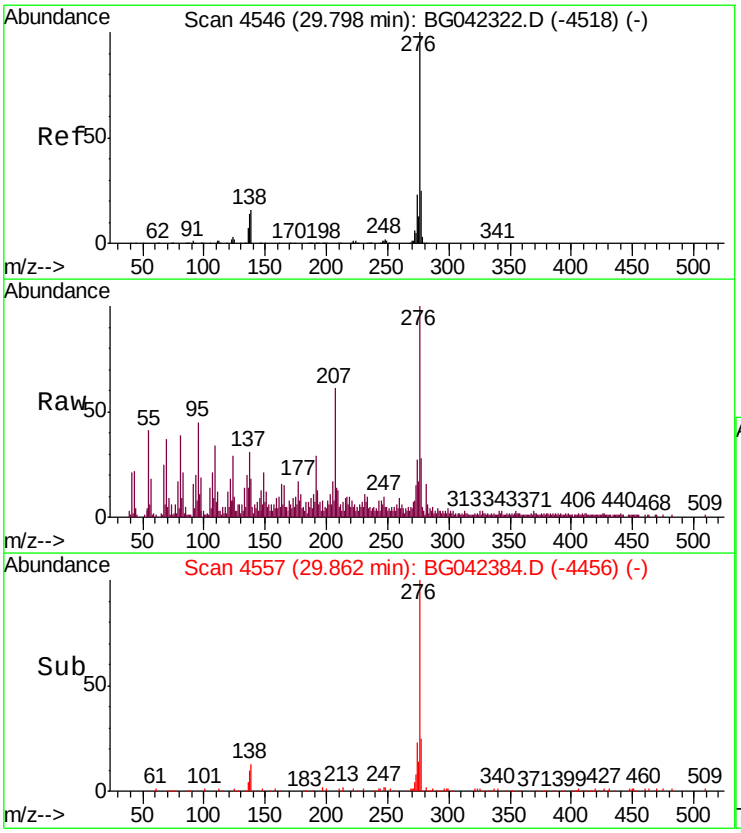
#90
Benzo(a)pyrene
Concen: 8.260 ng
RT: 24.82 min Scan# 3699
Delta R.T. 0.04 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 190152

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.9	26.9
125	17.3	6.7	10.1#





#92
Benzo(g,h,i)perylene
Concen: 6.147 ng
RT: 29.86 min Scan# 4557
Delta R.T. 0.06 min
Lab File: BG042384.D
Acq: 21 Aug 2019 15:29

Tgt Ion:276 Resp: 140676

Ion	Ratio	Lower	Upper
276	100		
277	27.5	19.8	29.8
138	18.1	12.8	19.2