Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044842.D
Acq On : 17 Mar 2020 21:10
Operator : CG/JU
Sample : L1893-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 18 11:46:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	85183	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	355410	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	255703	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	577215	20.00	ng	0.00
76) Chrysene-d12	21.69	240	479547	20.00	ng	0.00
87) Perylene-d12	24.90	264	535204	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	525679	96.07	ng	0.00
7) Phenol-d6	7.20	99	775824	97.58	ng	0.00
23) Nitrobenzene-d5	9.20	82	505024	62.35	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	361146	107.87	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1110036	62.17	ng	0.00
79) Terphenyl-d14	20.04	244	1662891	64.86	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.16	77	93	Below Cal	#	53
19) n-Nitroso-di-n-propylamine	9.20	70	67063	11.946	ng	# 73
32) Benzoic acid	10.18	122	53	9.680	ng	# 36
50) Dimethylphthalate	14.13	163	147035	7.220	ng	97
54) 2,4-Dinitrophenol	14.78	184	57	8.347	ng	# 21
57) 2,4-Dinitrotoluene	14.68	165	34506	6.129	ng	# 24
65) 4,6-Dinitro-2-methylphenol	15.63	198	70	7.750	ng	# 33
67) 4-Bromophenyl-phenylether	16.16	248	25135	3.483	ng	# 1
71) Phenanthrene	17.47	178	111387	3.611	ng	# 90
75) Fluoranthene	19.47	202	306683	8.350	ng	98
78) Pyrene	19.83	202	306205	8.703	ng	97
81) Benzo(a)anthracene	21.67	228	173611	5.028	ng	98
83) Chrysene	21.73	228	152153	4.613	ng	94
86) Indeno(1,2,3-cd)pyrene	28.53	276	119710	2.768	ng	96
88) Benzo(b)fluoranthene	23.89	252	218790	6.192	ng	99
89) Benzo(k)fluoranthene	23.89	252	218790	6.543	ng	98
90) Benzo(a)pyrene	24.74	252	166684	5.042	ng	93
92) Benzo(g,h,i)perylene	29.67	276	118939	3.609	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
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Acq On : 17 Mar 2020 21:10
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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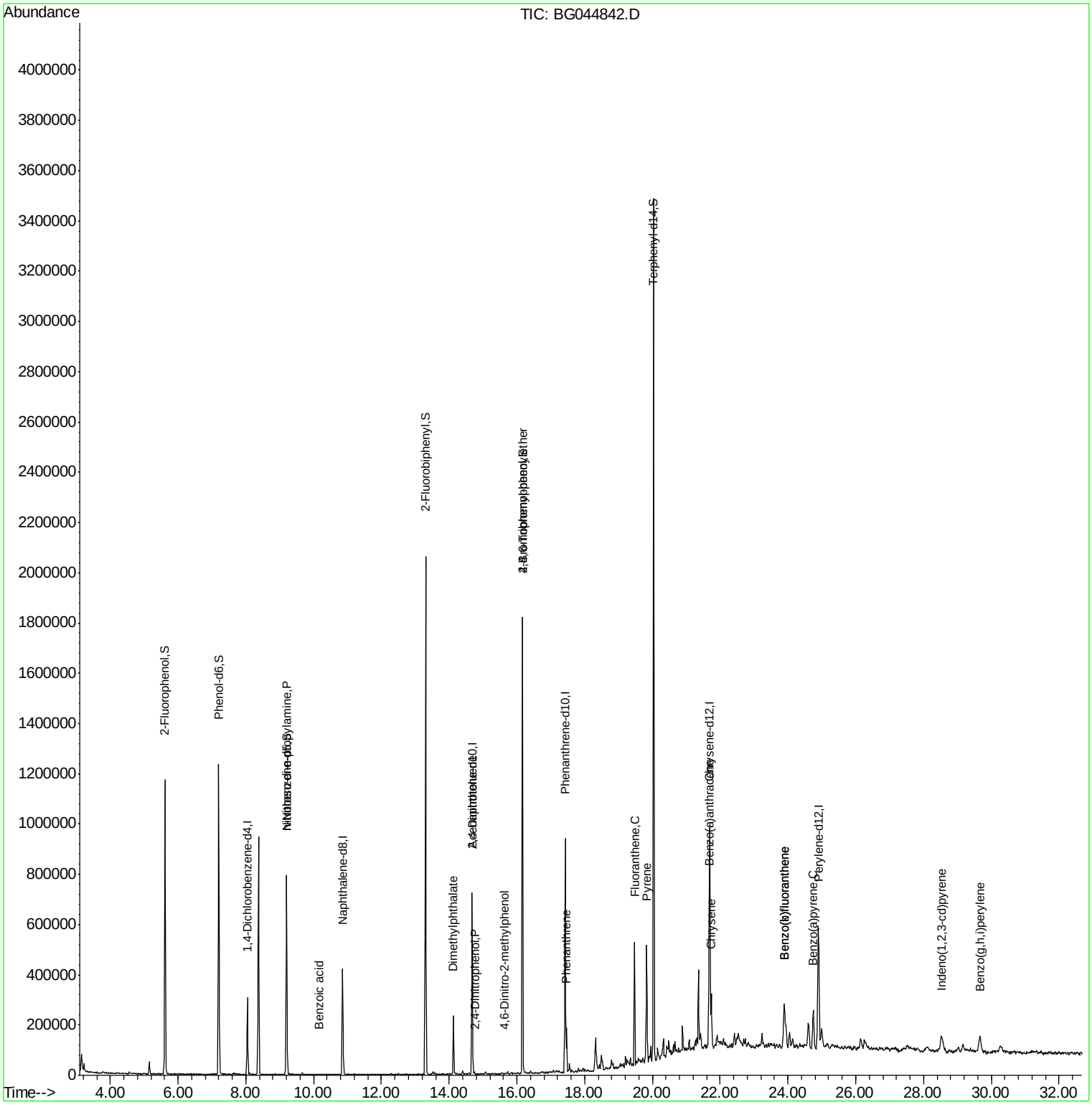
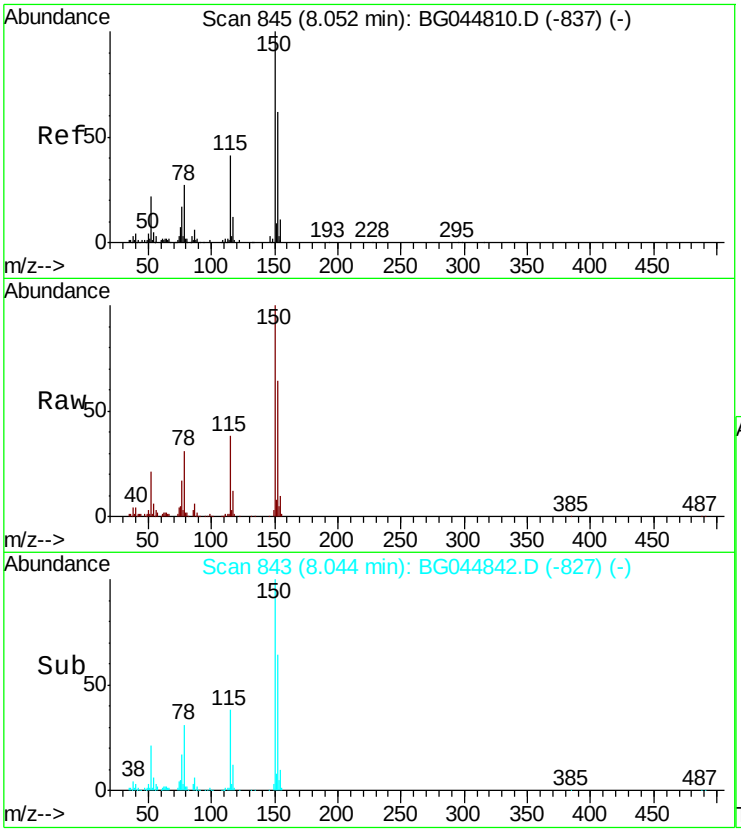


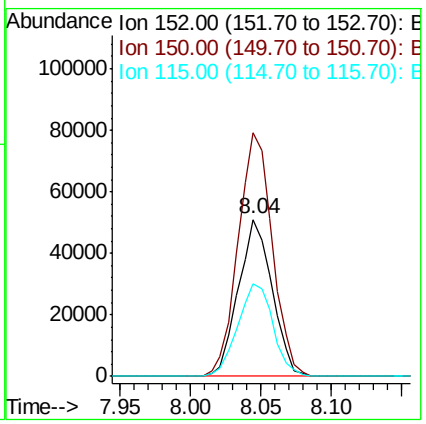


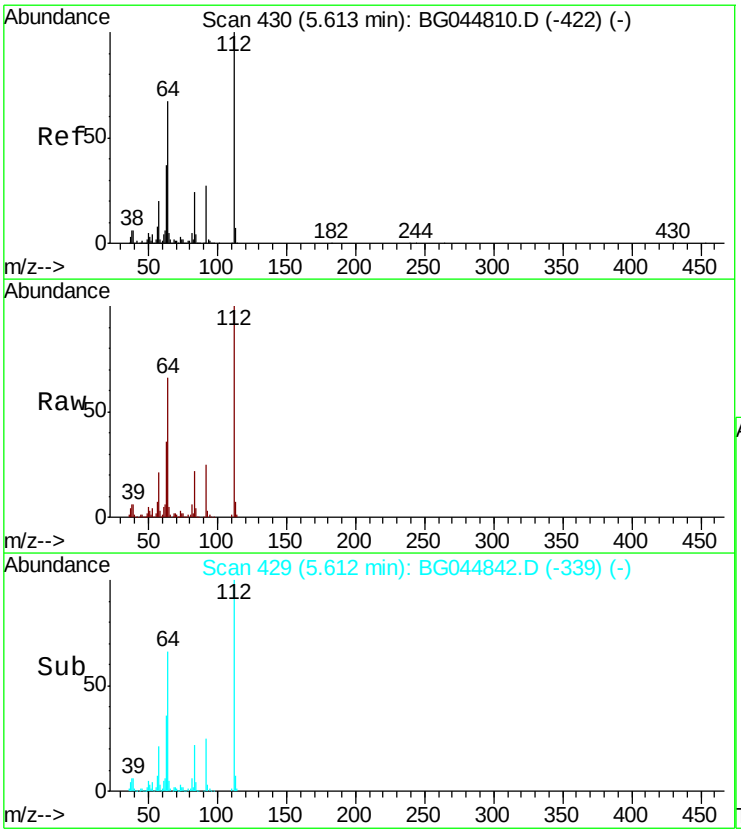
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 85183

Ion	Ratio	Lower	Upper
152	100		
150	155.5	128.8	193.2
115	59.0	52.6	79.0

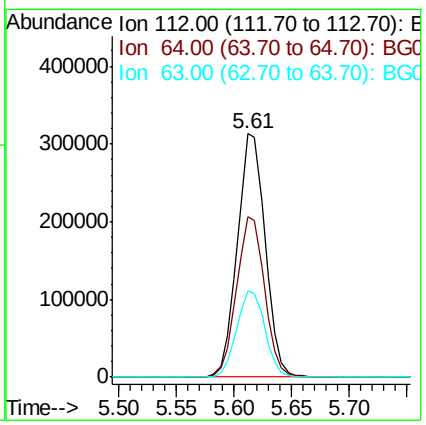


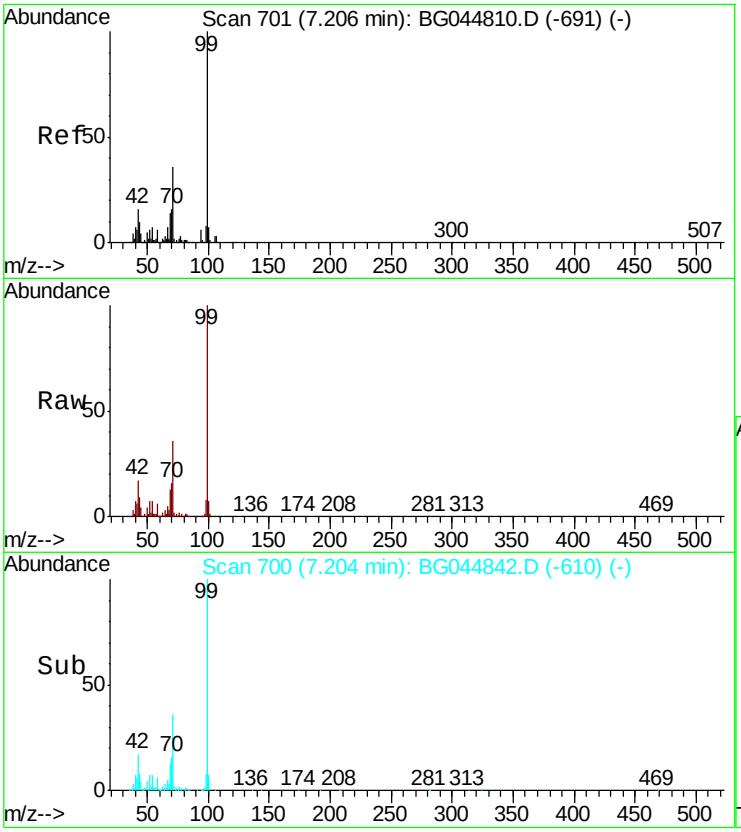


#5
2-Fluorophenol
Concen: 96.066 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Tgt Ion:112 Resp: 525679

Ion	Ratio	Lower	Upper
112	100		
64	65.8	53.4	80.2
63	35.6	29.4	44.2



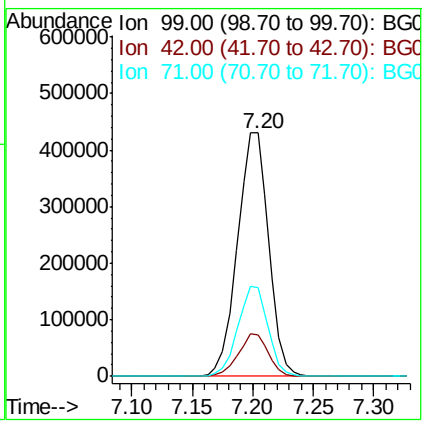


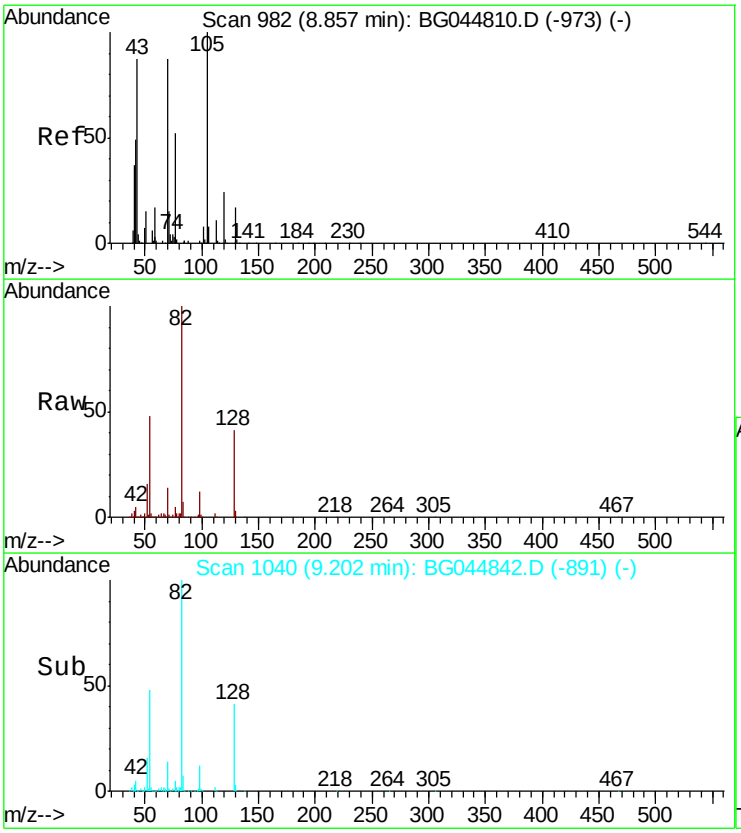
#7
Phenol-d6
Concen: 97.582 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 775824

Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.6	19.0
71	36.3	29.0	43.4

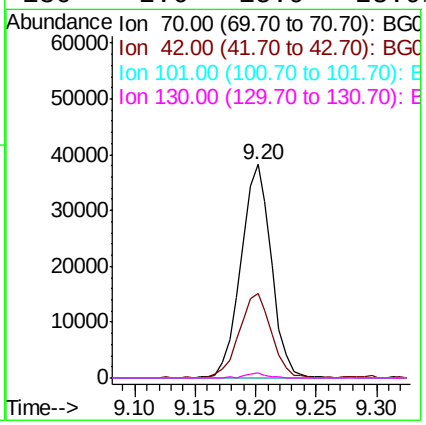


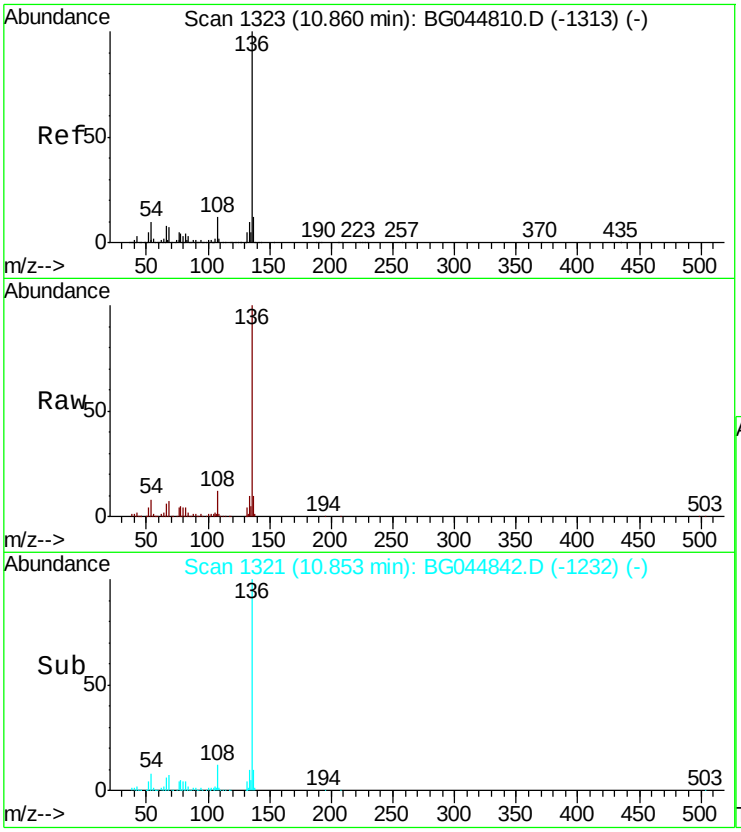


#19
n-Nitroso-di-n-propylamine
Concen: 11.946 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.35 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Tgt Ion: 70 Resp: 67063

Ion	Ratio	Lower	Upper
70	100		
42	39.8	45.7	68.5#
101	0.0	7.4	11.2#
130	2.6	15.9	23.9#



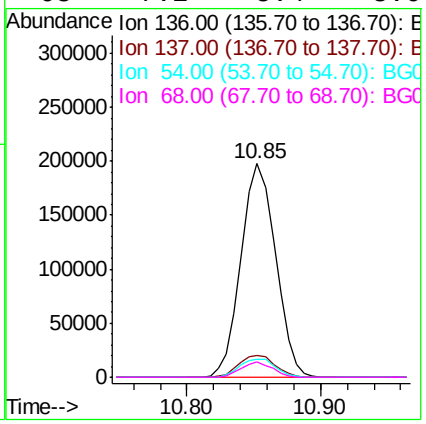


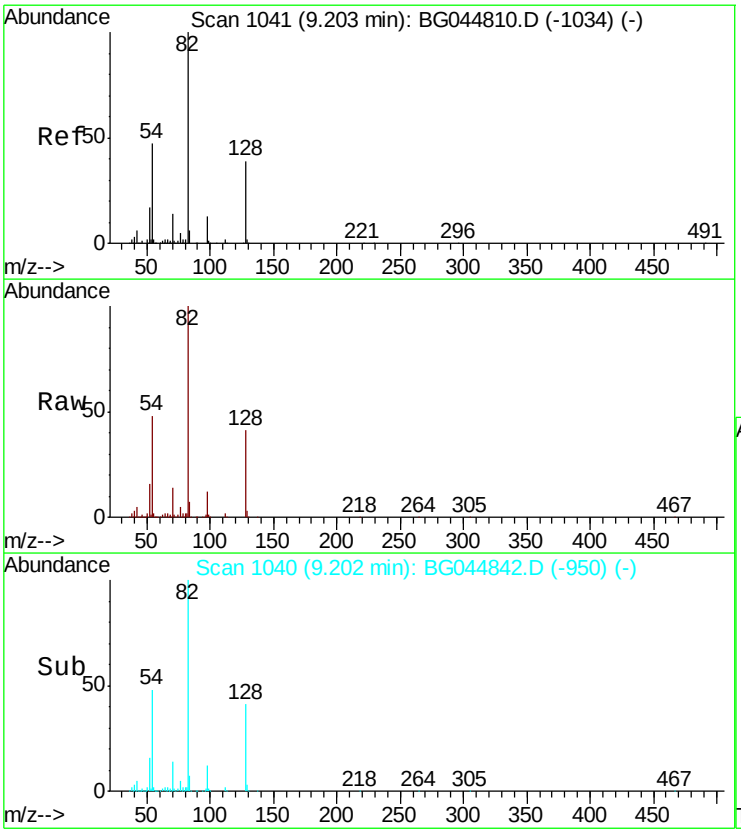
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 355410

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.8	14.6
54	8.4	7.9	11.9
68	7.2	5.4	8.0

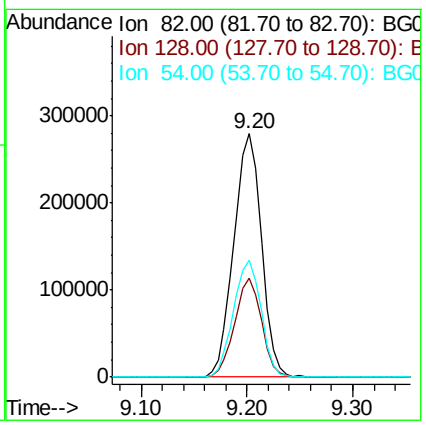


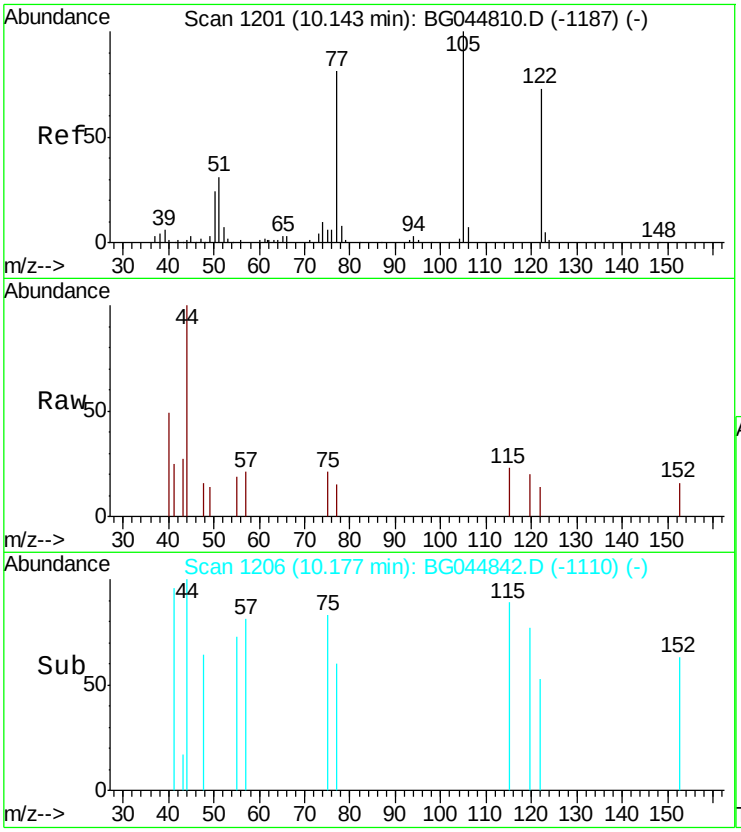


#23
Nitrobenzene-d5
Concen: 62.354 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Tgt Ion: 82 Resp: 505024

Ion	Ratio	Lower	Upper
82	100		
128	40.7	30.6	46.0
54	48.0	37.1	55.7



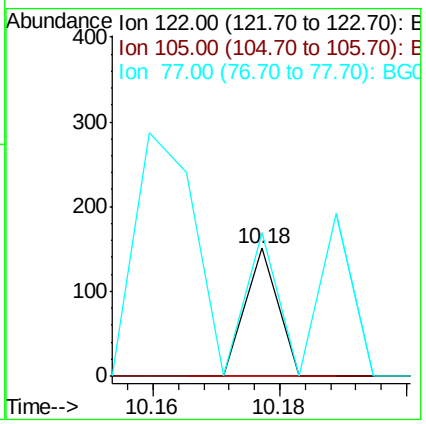


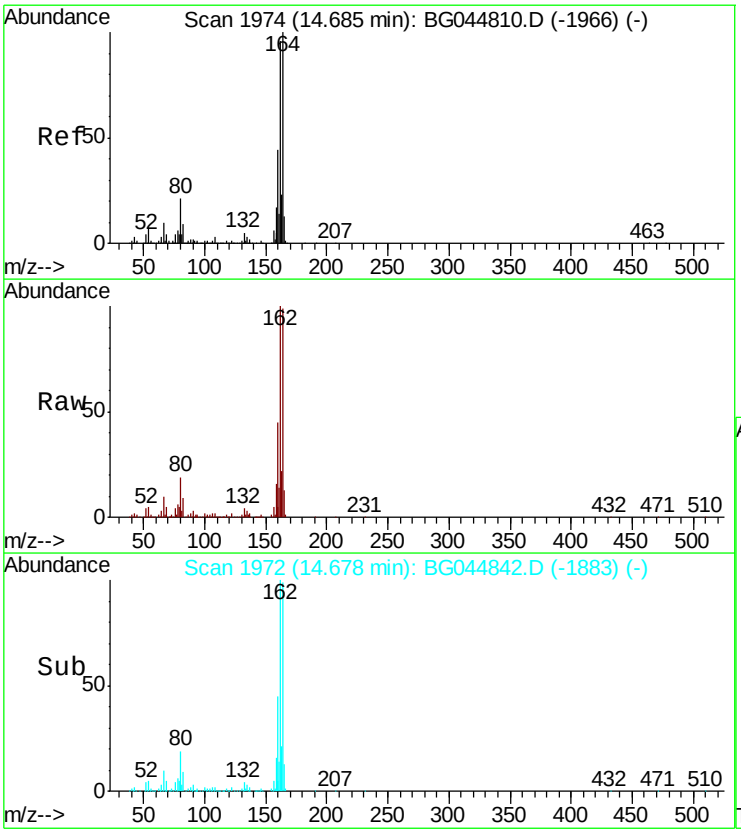
#32
Benzoic acid
Concen: 9.680 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:122 Resp: 53

Ion	Ratio	Lower	Upper
122	100		
105	0.0	109.1	149.1#
77	112.6	85.3	125.3

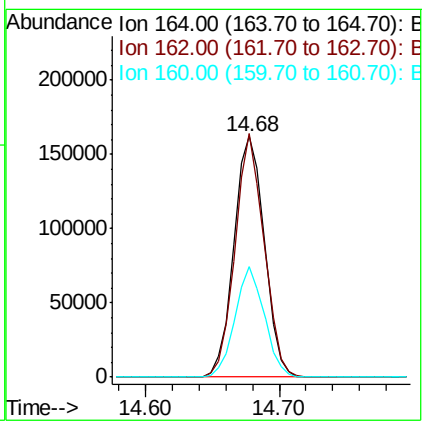


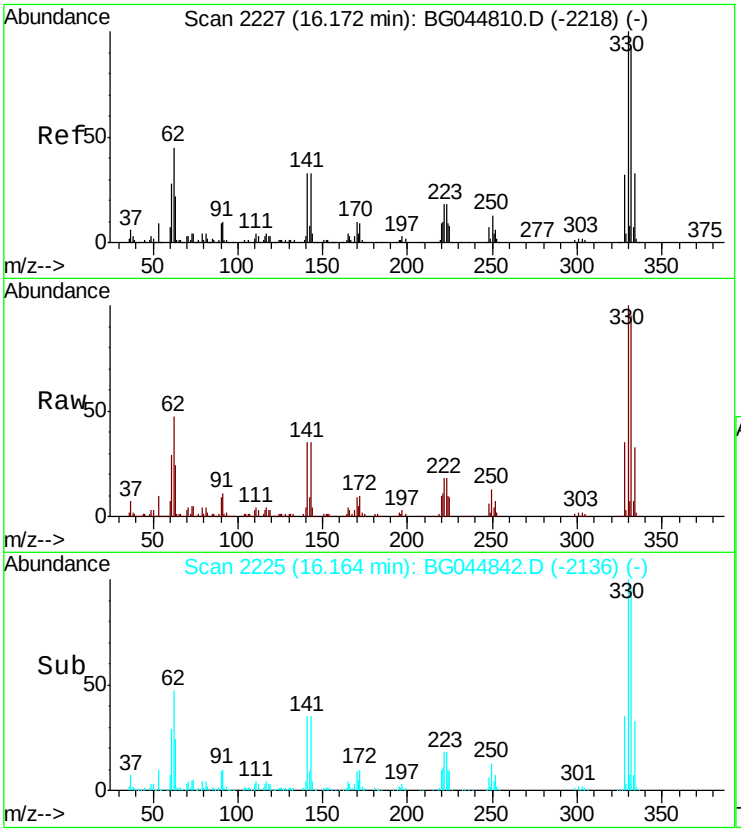


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Tgt Ion:164 Resp: 255703

Ion	Ratio	Lower	Upper
164	100		
162	101.3	76.7	115.1
160	45.8	35.0	52.4



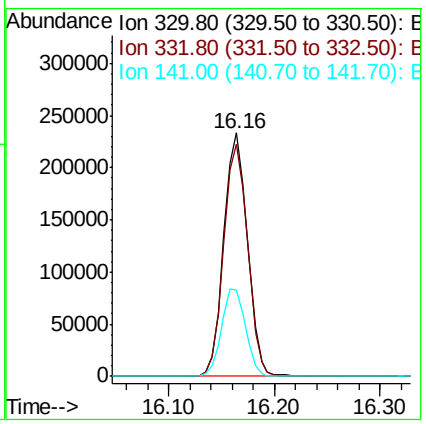


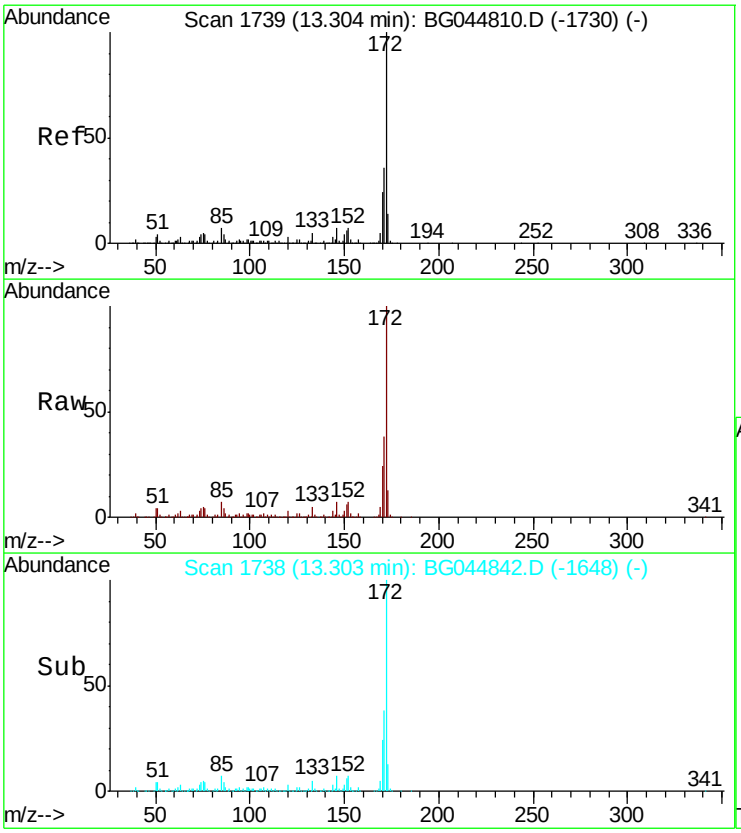
#42
2,4,6-Tribromophenol
Concen: 107.868 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 361146

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.6
141	36.3	29.5	44.3

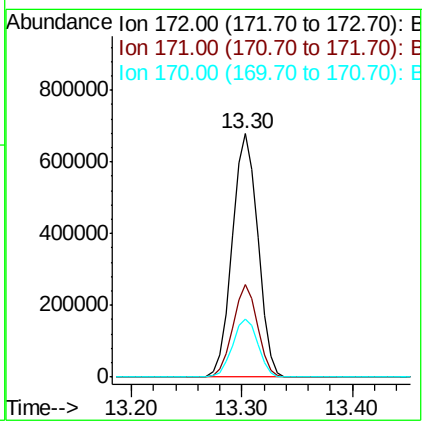


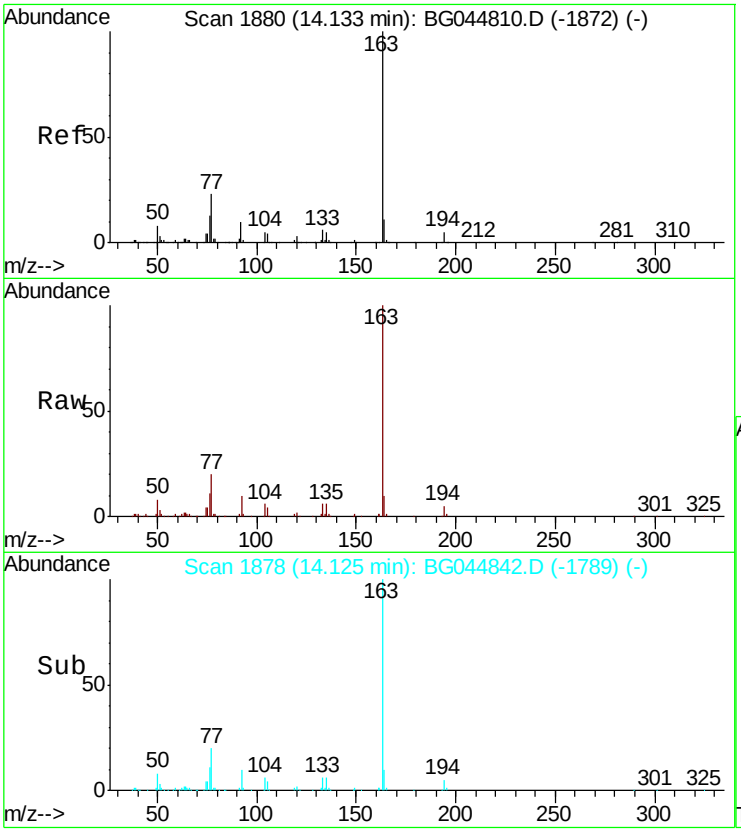


#45
2-Fluorobiphenyl
Concen: 62.166 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Tgt Ion:172 Resp: 1110036

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.7	43.1
170	24.0	19.0	28.6



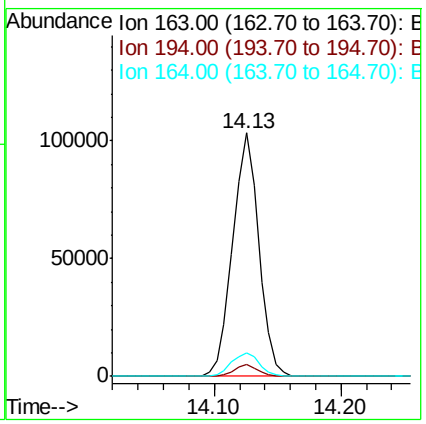


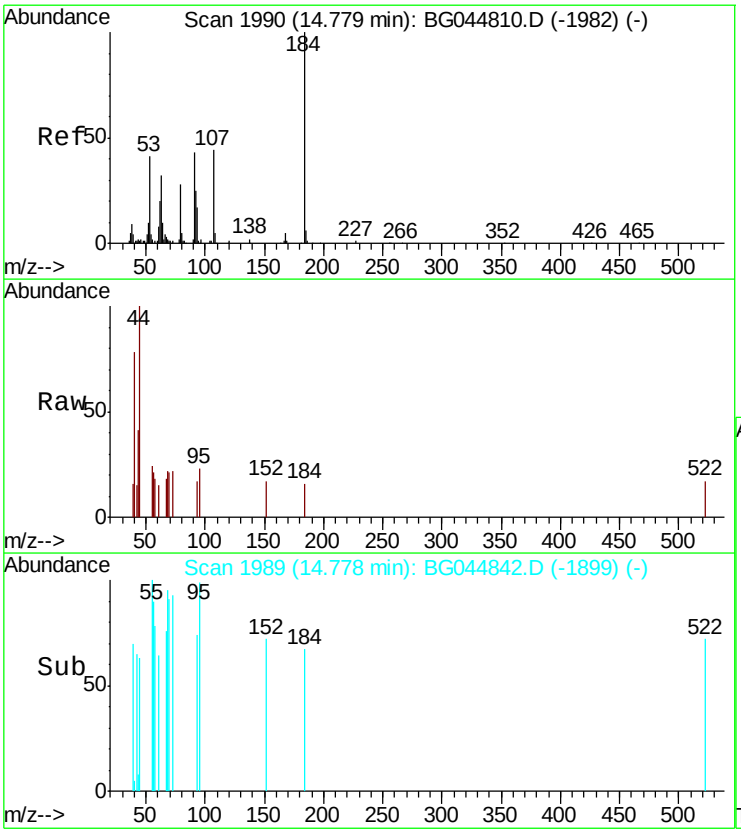
#50
Dimethylphthalate
Concen: 7.220 ng
RT: 14.13 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 147035

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	9.7	9.1	13.7

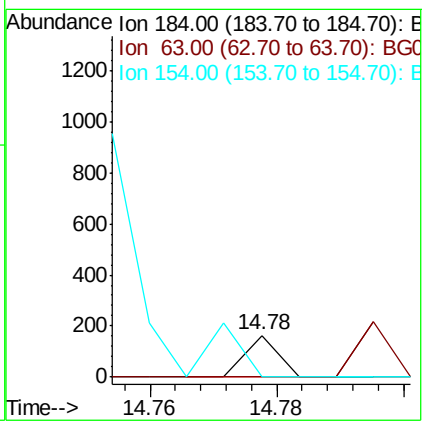


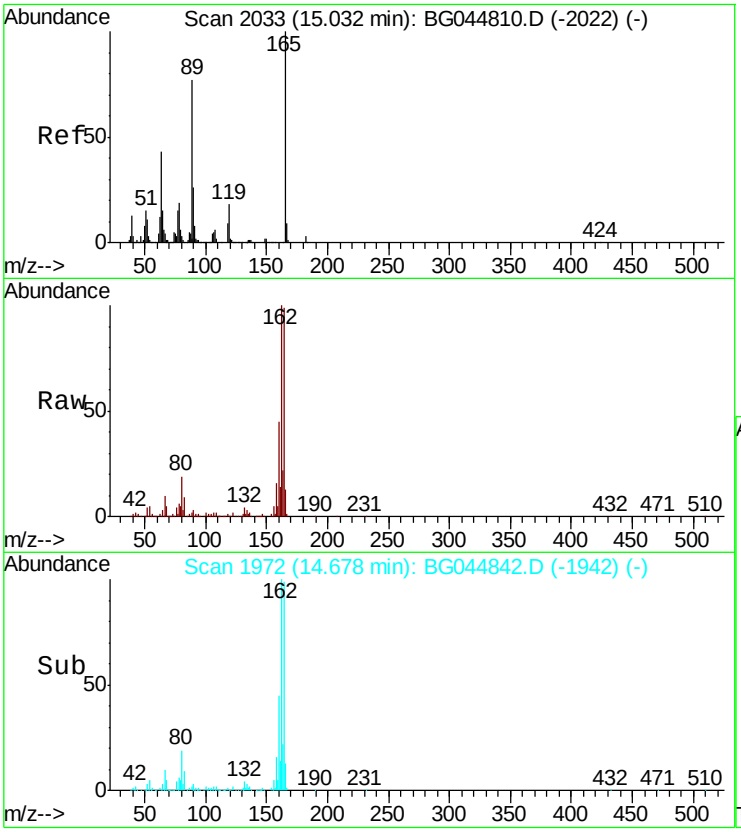


#54
2,4-Dinitrophenol
Concen: 8.347 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Tgt Ion:184 Resp: 57

Ion	Ratio	Lower	Upper
184	100		
63	0.0	45.5	68.3#
154	0.0	49.1	73.7#



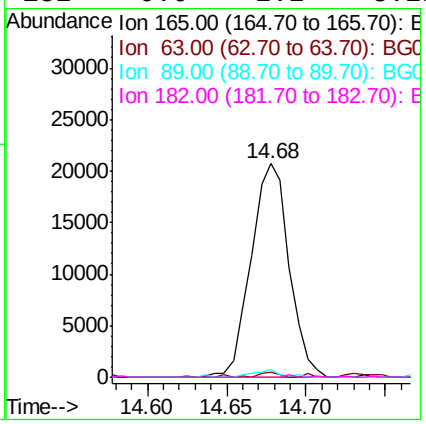


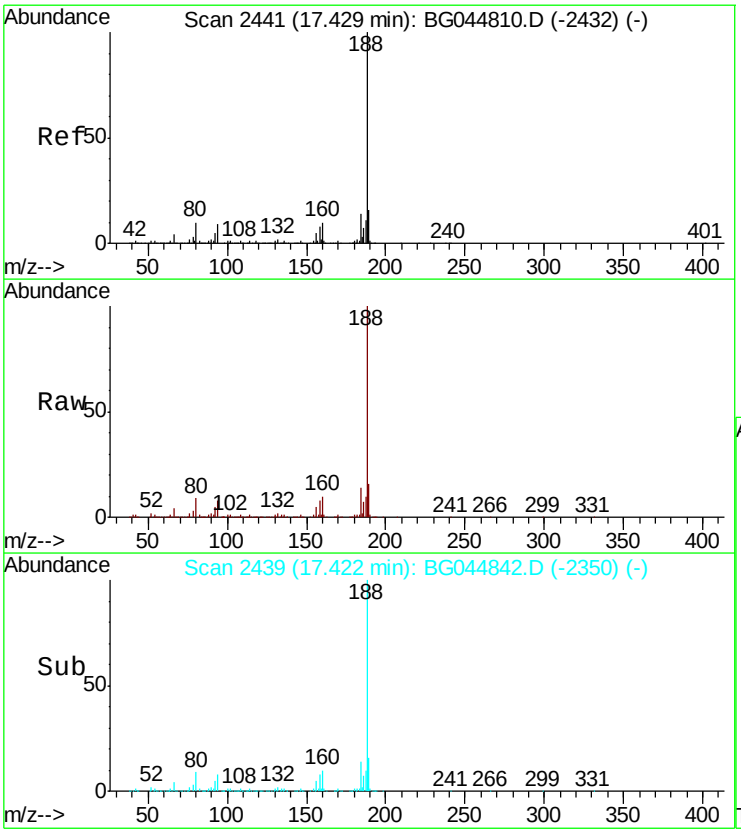
#57
2,4-Dinitrotoluene
Concen: 6.129 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.35 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 34506

Ion	Ratio	Lower	Upper
165	100		
63	2.2	34.6	52.0#
89	3.6	61.3	91.9#
182	0.0	2.2	3.2#

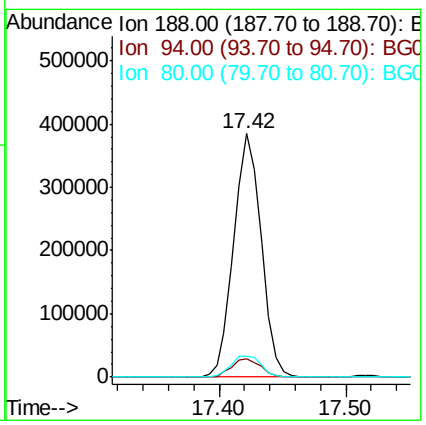


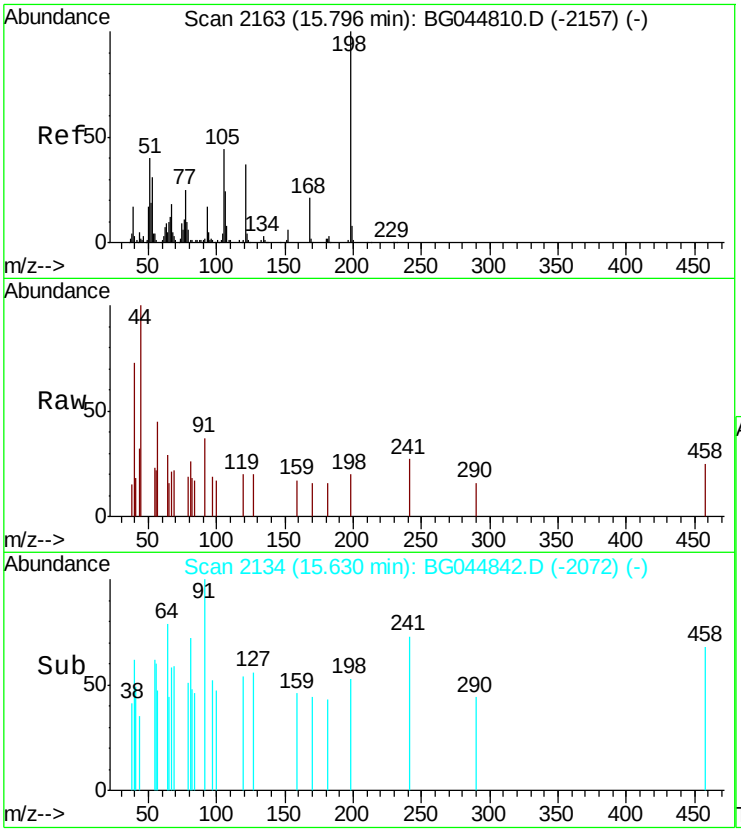


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Tgt Ion:188 Resp: 577215

Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.3	10.9
80	8.6	8.0	12.0



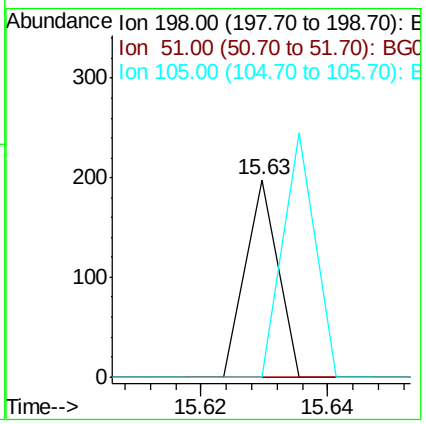


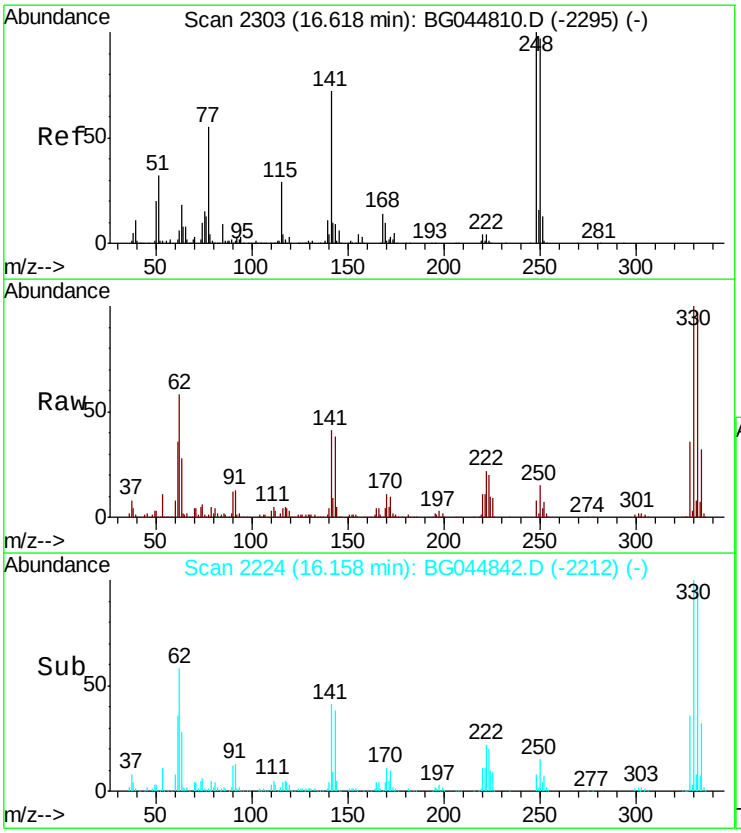
#65
4,6-Dinitro-2-methylphenol
Concen: 7.750 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.17 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 70

Ion	Ratio	Lower	Upper
198	100		
51	0.0	21.1	61.1#
105	0.0	24.5	64.5#

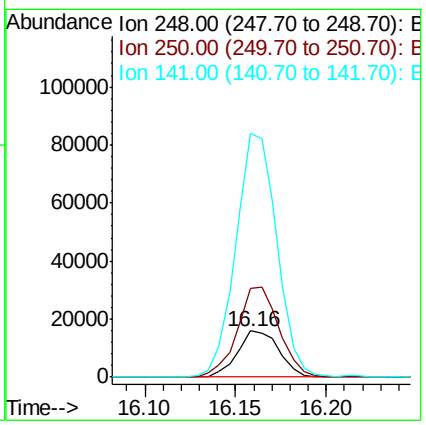


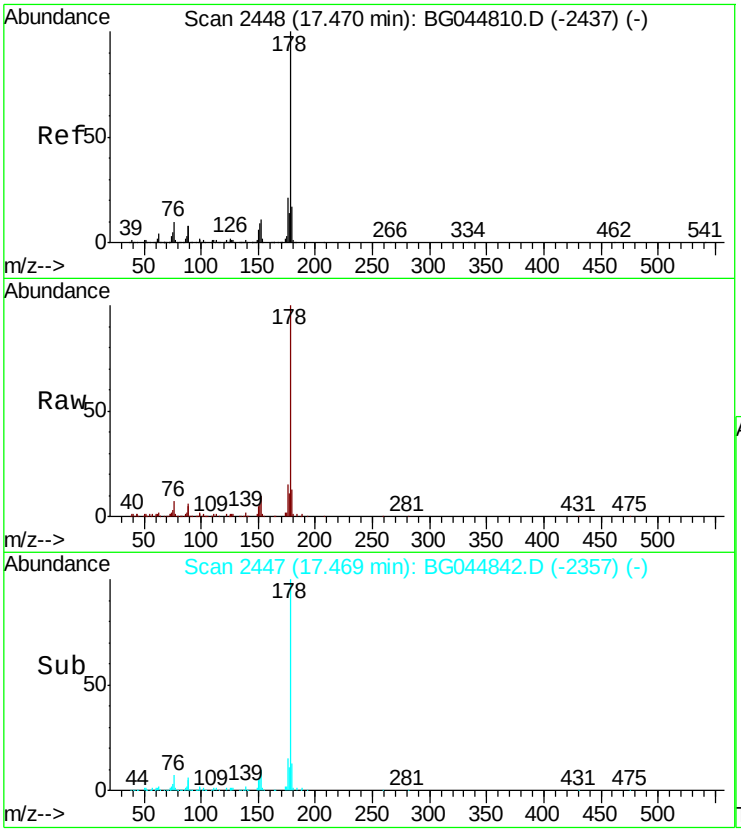


#67
4-Bromophenyl-phenylether
Concen: 3.483 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.46 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Tgt Ion:248 Resp: 25135

Ion	Ratio	Lower	Upper
248	100		
250	191.8	77.9	116.9#
141	525.8	57.5	86.3#



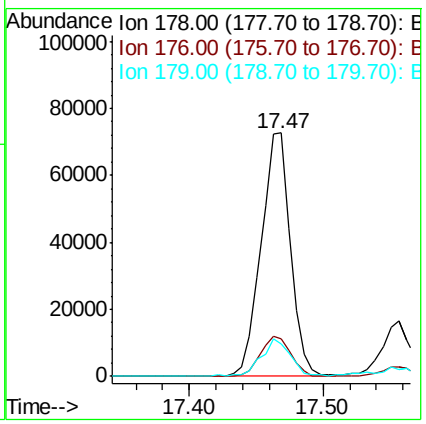


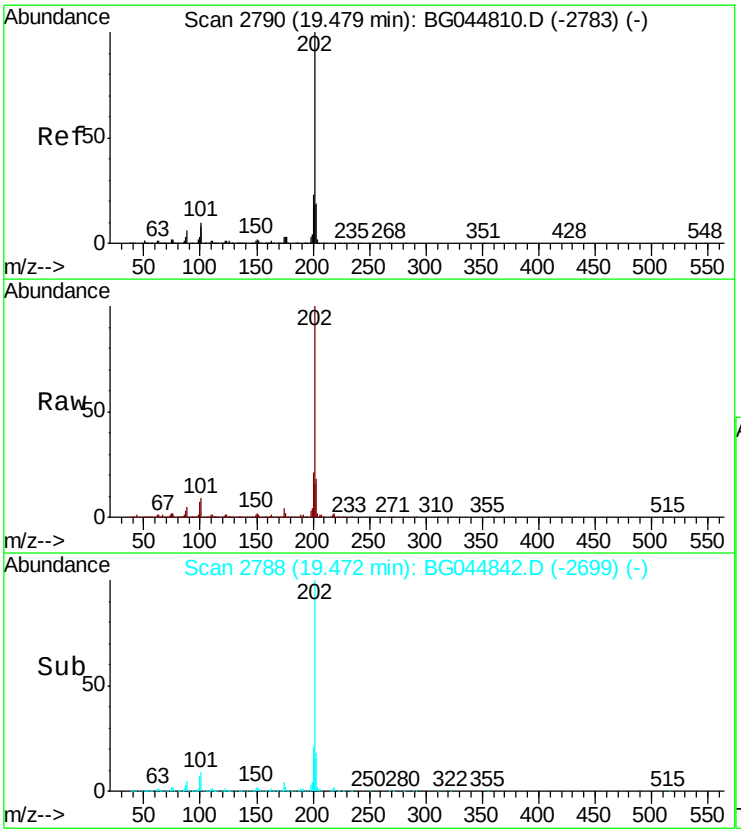
#71
Phenanthrene
Concen: 3.611 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 111387

Ion	Ratio	Lower	Upper
178	100		
176	15.4	16.6	24.8#
179	13.3	13.5	20.3#

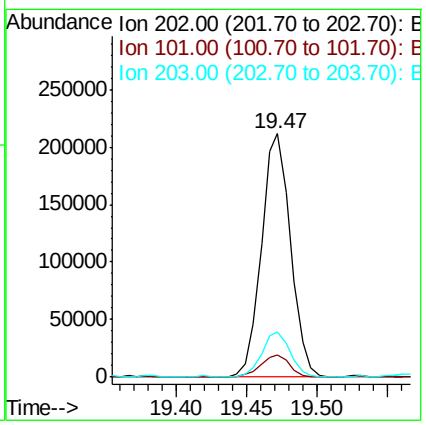


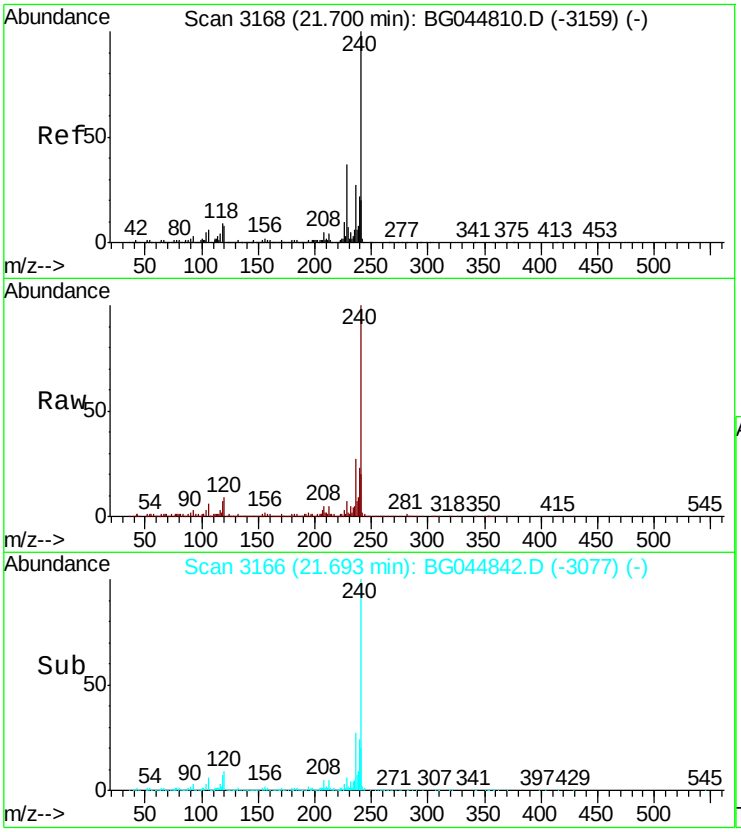


#75
Fluoranthene
Concen: 8.350 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Tgt Ion:202 Resp: 306683

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.8
203	18.4	0.0	39.4



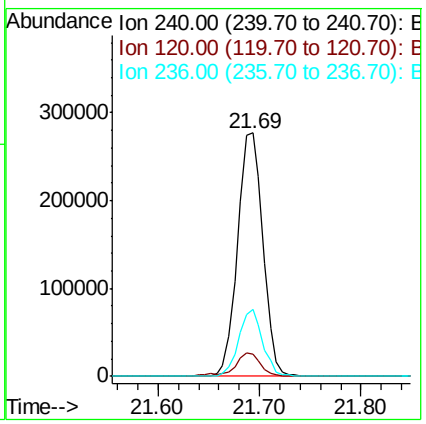


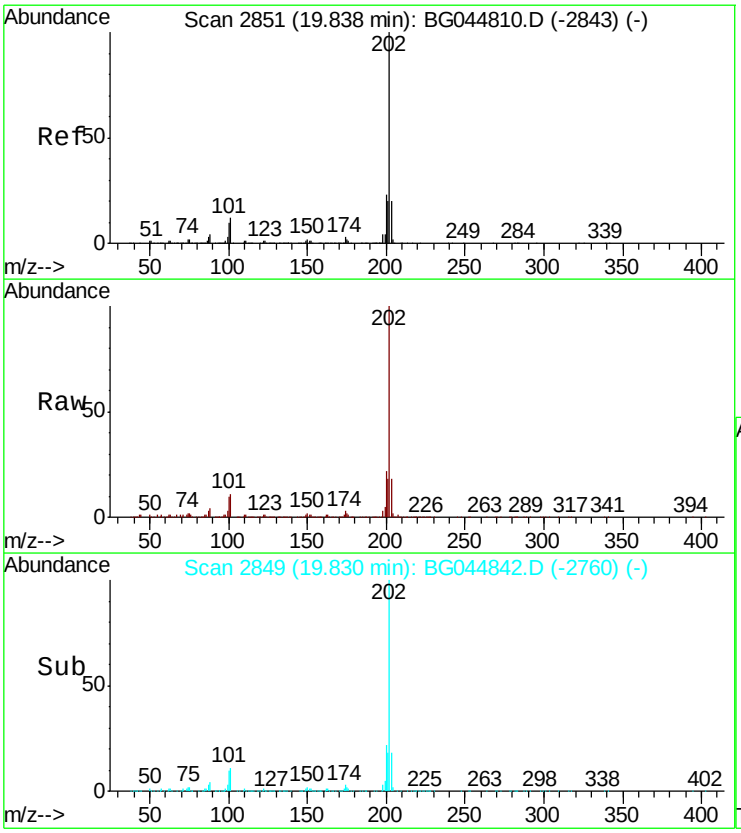
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 479547

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.7	10.1
236	27.4	21.5	32.3

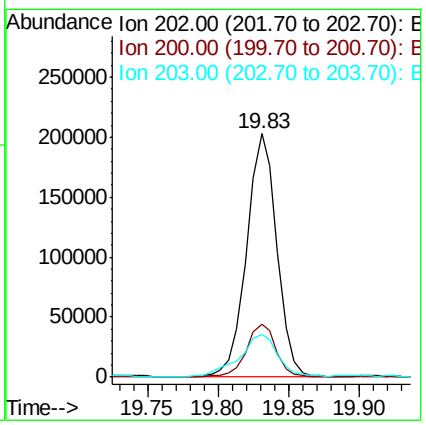


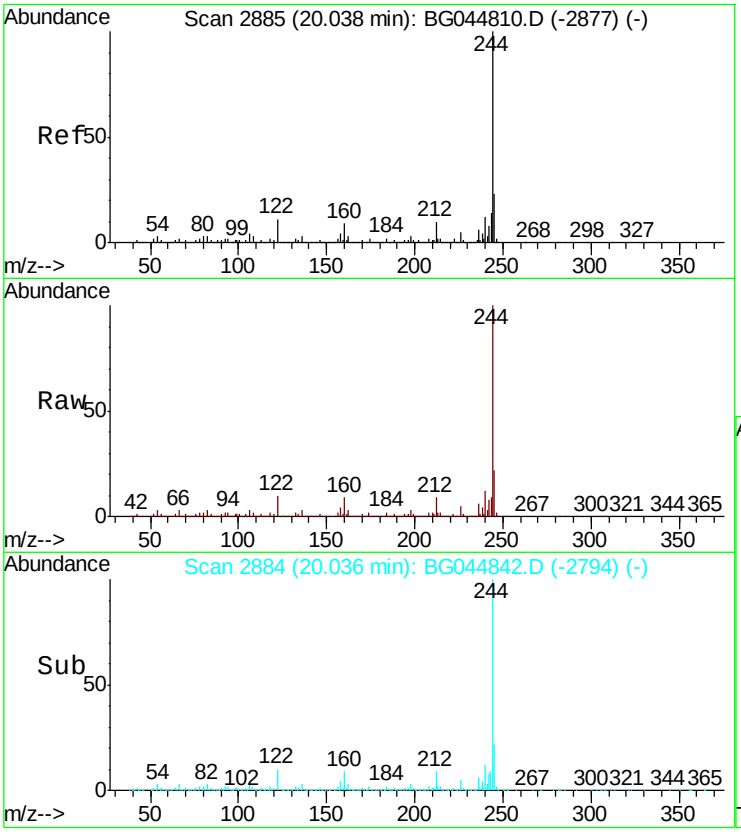


#78
Pyrene
Concen: 8.703 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Tgt Ion:202 Resp: 306205

Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.3	27.5
203	17.7	15.6	23.4



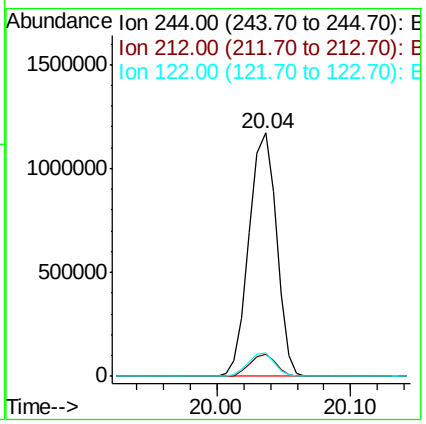


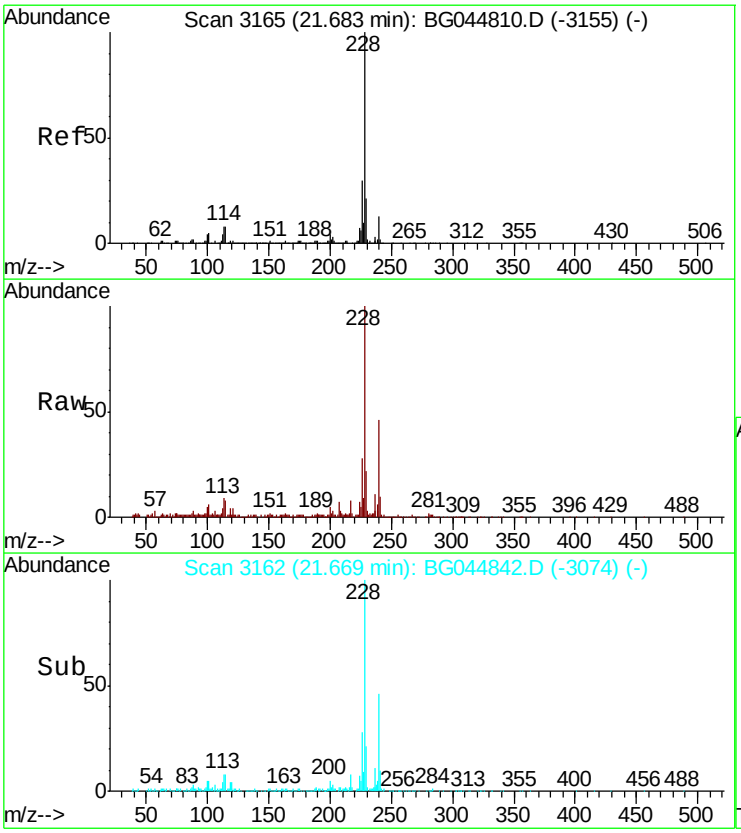
#79
Terphenyl-d14
Concen: 64.864 ng
RT: 20.04 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 1662891

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.7	11.5
122	9.7	8.6	12.8

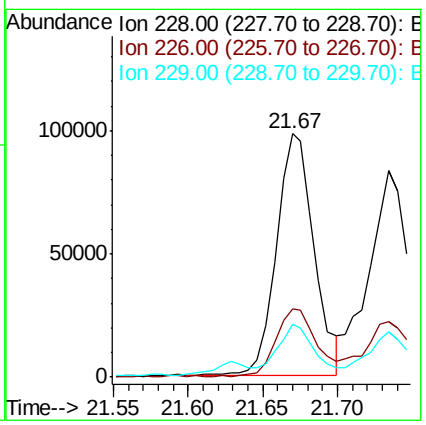


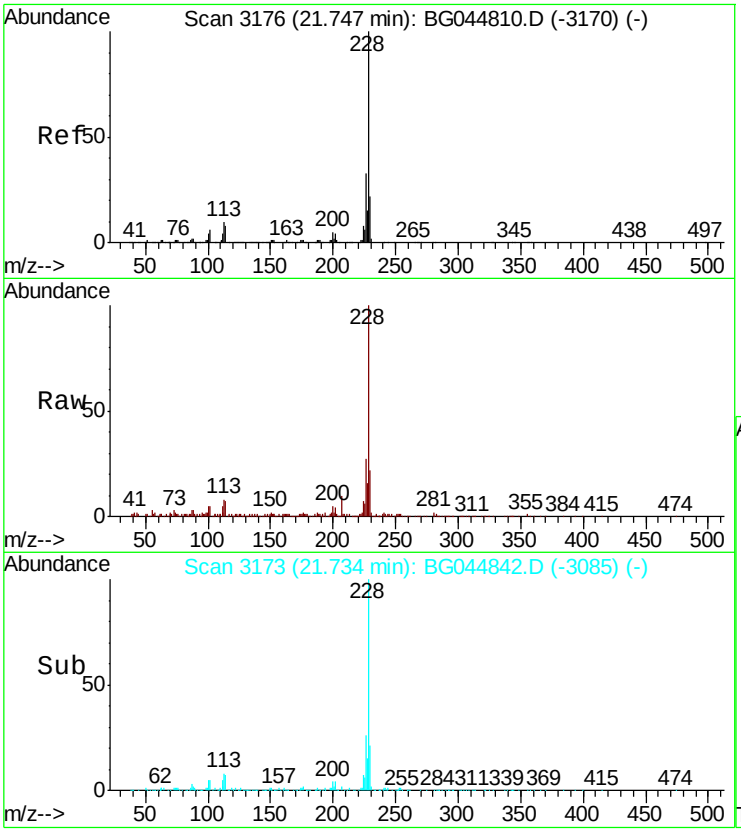


#81
Benzo(a)anthracene
Concen: 5.028 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Tgt Ion:228 Resp: 173611

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.6	35.4
229	21.9	17.1	25.7



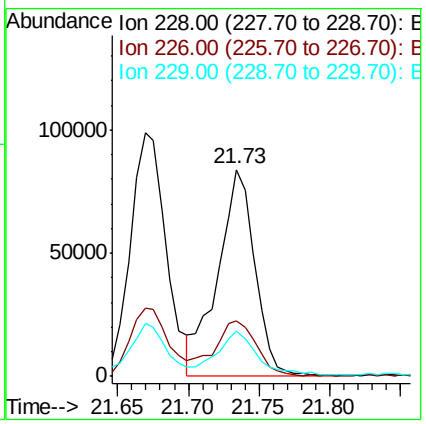


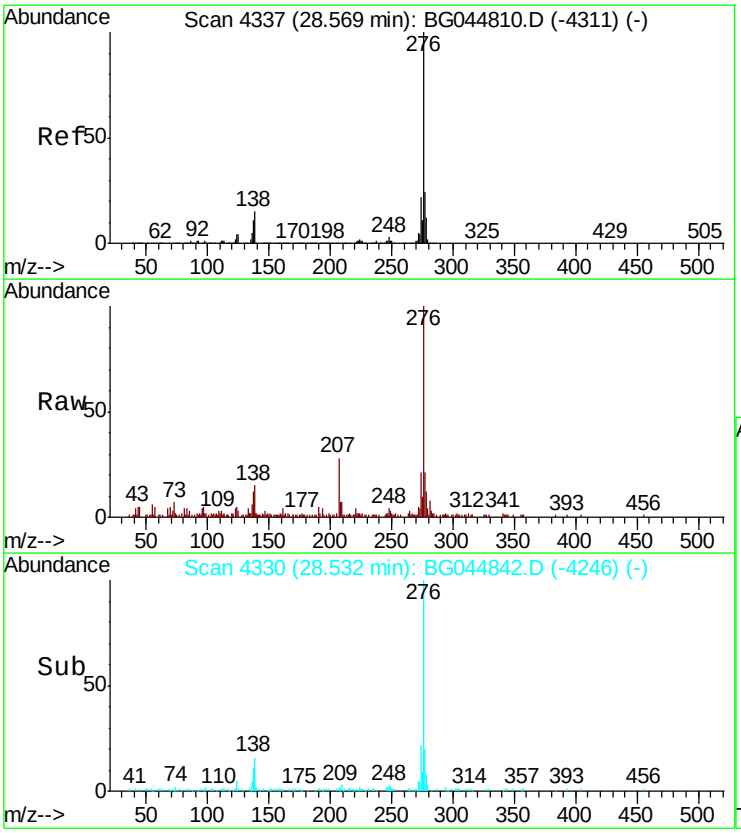
#83
Chrysene
Concen: 4.613 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 152153

Ion	Ratio	Lower	Upper
228	100		
226	26.8	25.9	38.9
229	21.9	17.4	26.0

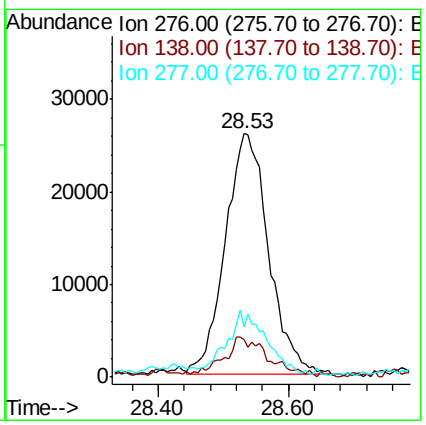


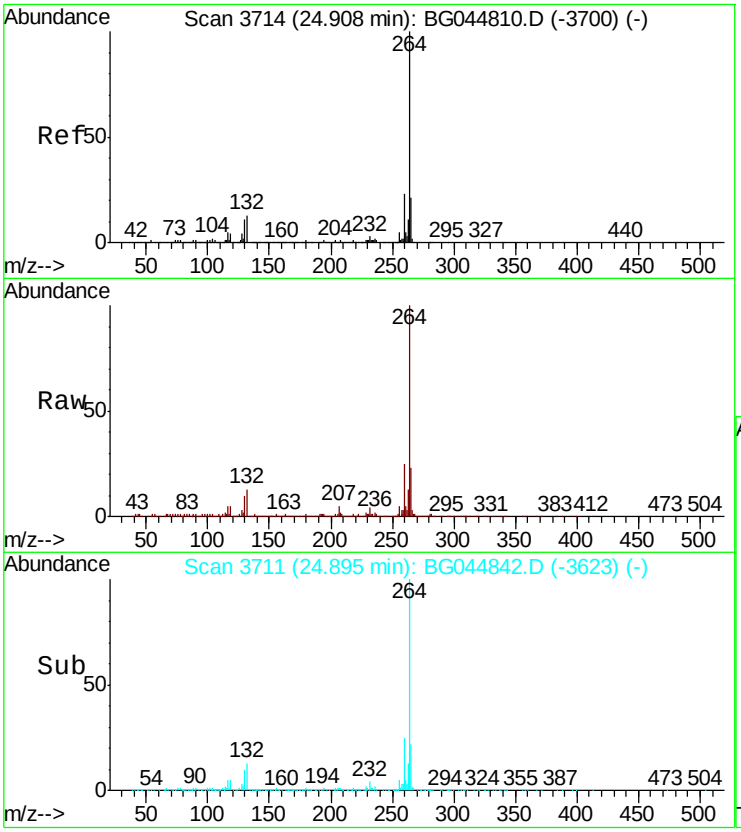


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.768 ng
RT: 28.53 min Scan# 4330
Delta R.T. -0.04 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Tgt Ion:276 Resp: 119710

Ion	Ratio	Lower	Upper
276	100		
138	8.2	7.4	11.0
277	24.1	20.8	31.2



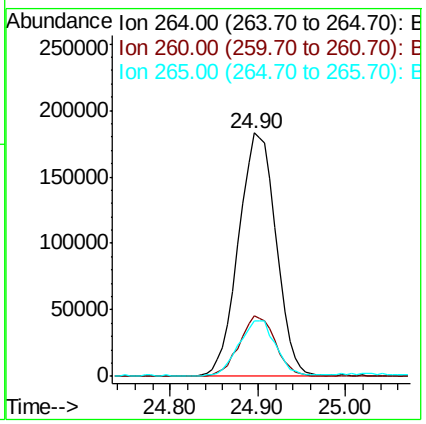


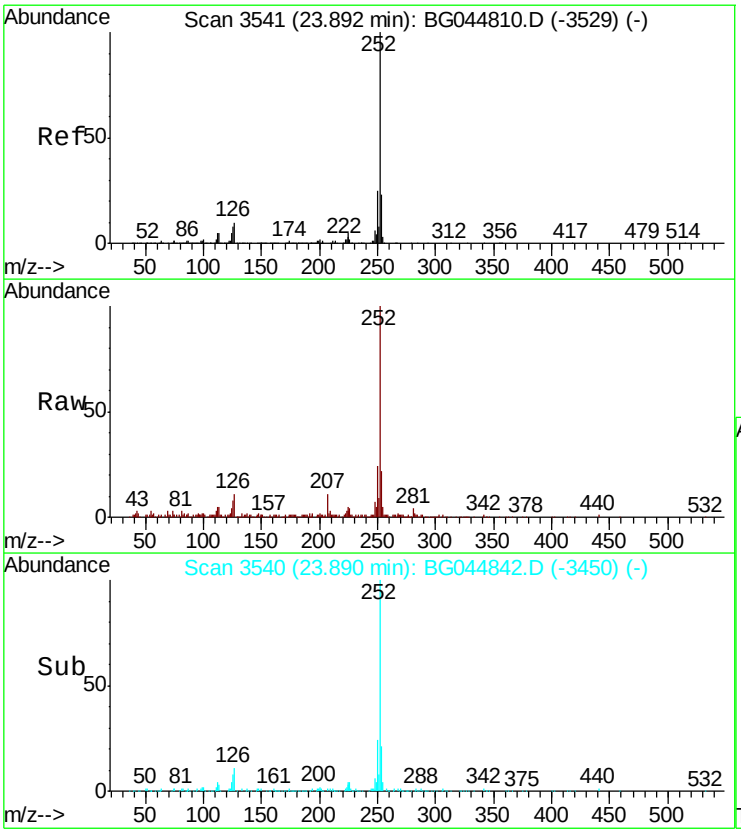
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3711
Delta R.T. -0.01 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 535204

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.1	27.1
265	22.7	17.1	25.7

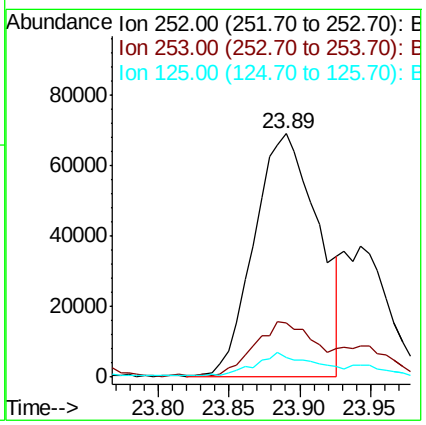


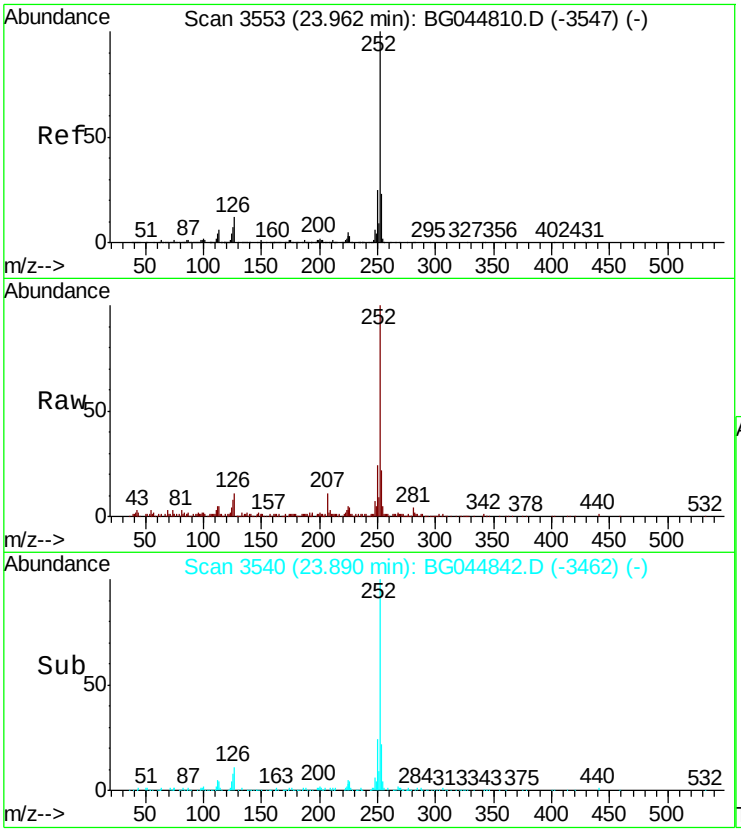


#88
Benzo(b)fluoranthene
Concen: 6.192 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Tgt Ion:252 Resp: 218790

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	8.3	6.6	9.8



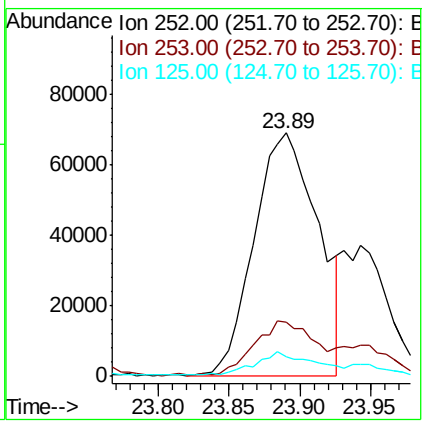


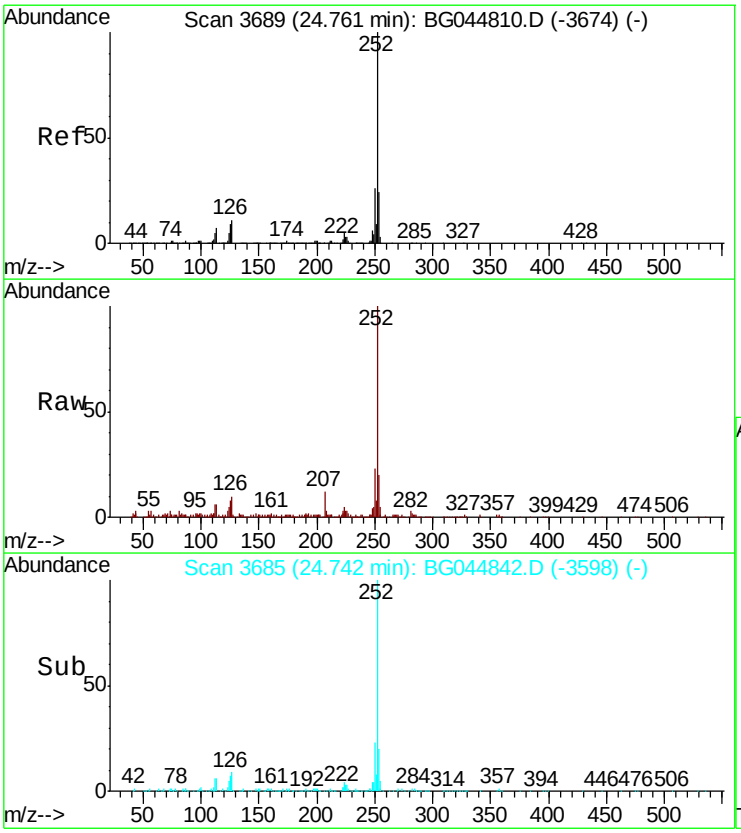
#89
Benzo(k)fluoranthene
Concen: 6.543 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.07 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 218790

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	8.3	6.2	9.2

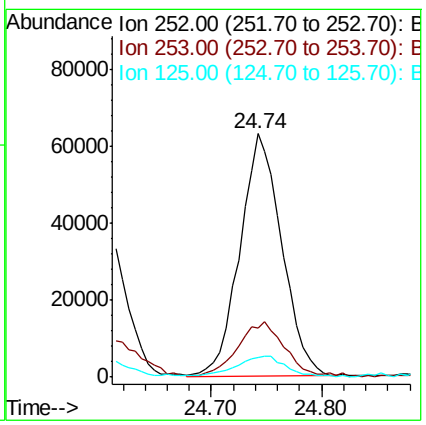


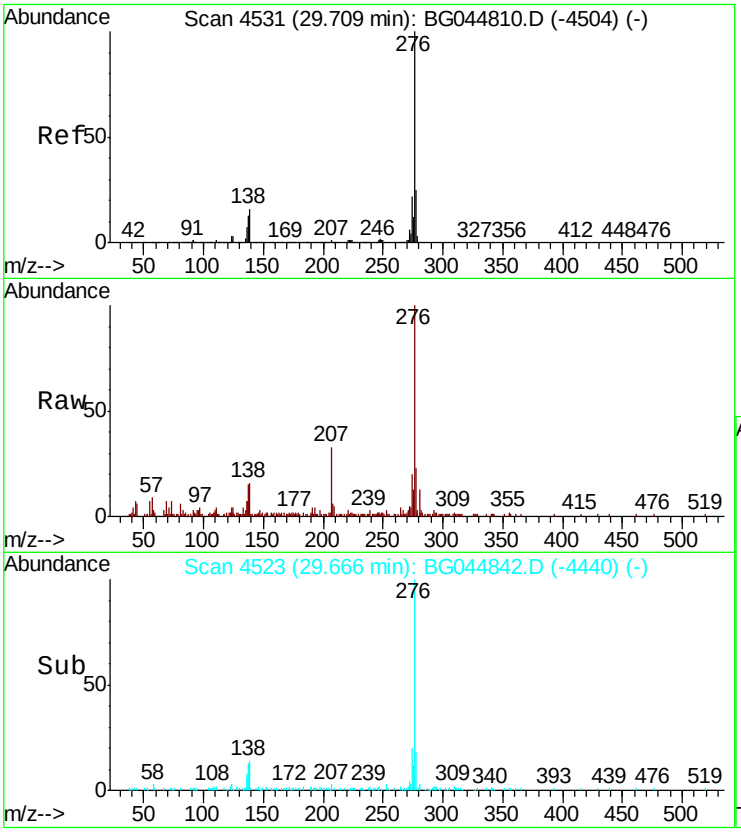


#90
Benzo(a)pyrene
Concen: 5.042 ng
RT: 24.74 min Scan# 3685
Delta R.T. -0.02 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Tgt Ion:252 Resp: 166684

Ion	Ratio	Lower	Upper
252	100		
253	20.2	19.4	29.0
125	8.1	7.2	10.8





#92
Benzo(g,h,i)perylene
Concen: 3.609 ng
RT: 29.67 min Scan# 4523
Delta R.T. -0.04 min
Lab File: BG044842.D
Acq: 17 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 118939

Ion	Ratio	Lower	Upper
276	100		
277	23.4	20.1	30.1
138	16.1	13.0	19.6