Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031620\
Data File : BG044818.D
Acq On : 16 Mar 2020 18:18
Operator : CG/JU
Sample : L1912-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z1-2

Quant Time: Mar 17 01:22:32 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	8.05	152	100772	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	401577	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	275888	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	636907	20.00	ng	0.00
76) Chrysene-d12	21.70	240	547812	20.00	ng	0.00
87) Perylene-d12	24.90	264	623733	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	636864	98.38	ng	0.00
7) Phenol-d6	7.21	99	907566	96.49	ng	0.00
23) Nitrobenzene-d5	9.20	82	593378	64.84	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	390208	108.02	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1223318	63.50	ng	0.00
79) Terphenyl-d14	20.04	244	1841082	62.87	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.14	77	77	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.20	70	80431	12.11	ng	# 70
26) 2-Nitrophenol	9.66	139	79	5.54	ng	# 28
32) Benzoic acid	10.04	122	120	9.69	ng	# 31
50) Dimethylphthalate	14.13	163	150827	6.86	ng	96
54) 2,4-Dinitrophenol	14.77	184	123	8.37	ng	# 27
57) 2,4-Dinitrotoluene	14.68	165	36482	6.01	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.18	198	1398	8.12	ng	85
67) 4-Bromophenyl-phenylether	16.17	248	26767	3.36	ng	# 1
71) Phenanthrene	17.47	178	81542	2.40	ng	96
72) Anthracene	17.47	178	81542	2.43	ng	97
75) Fluoranthene	19.47	202	108244	2.67	ng	100
78) Pyrene	19.83	202	102102	2.54	ng	96

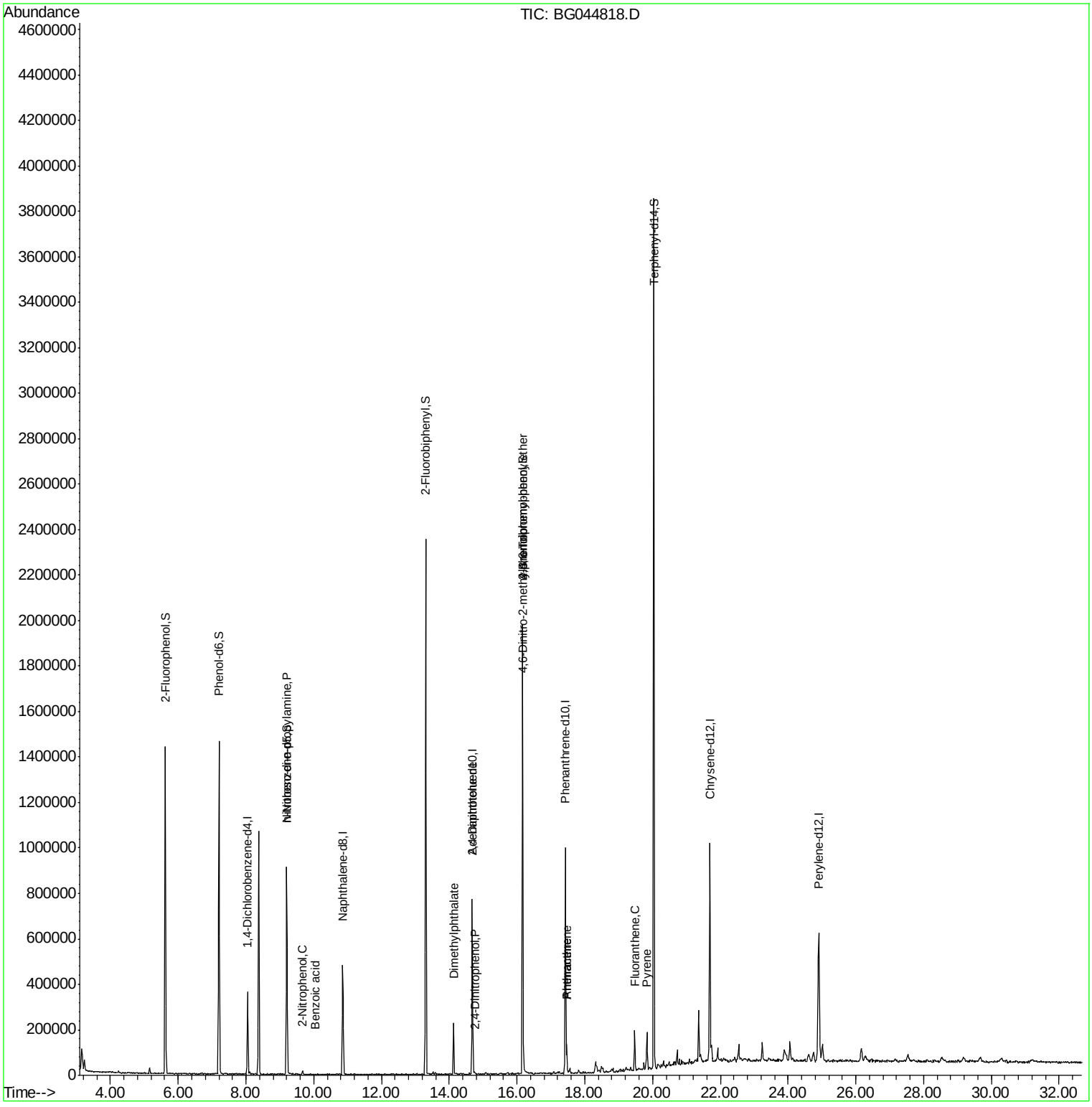
(#) = qualifier out of range (m) = manual integration (+) = signals summed

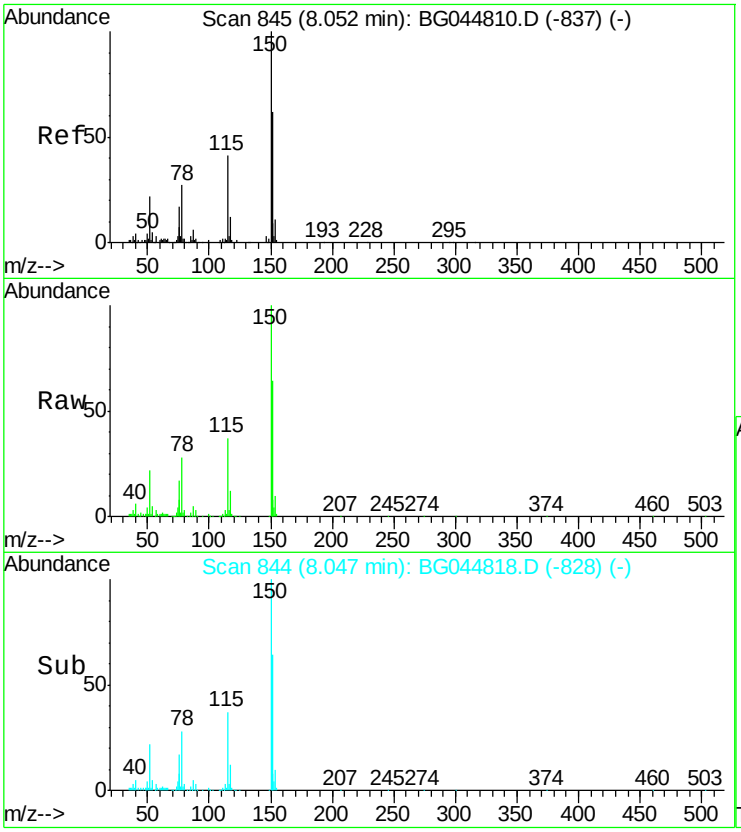
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031620\
Data File : BG044818.D
Acq On : 16 Mar 2020 18:18
Operator : CG/JU
Sample : L1912-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z1-2

Quant Time: Mar 17 01:22:32 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



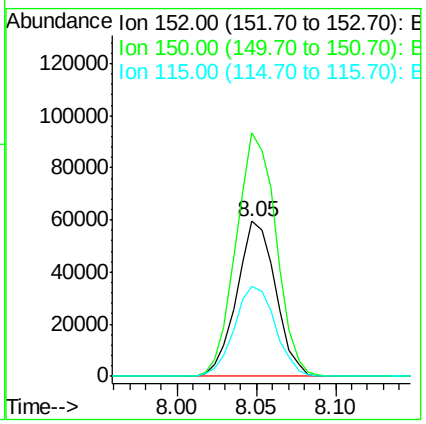


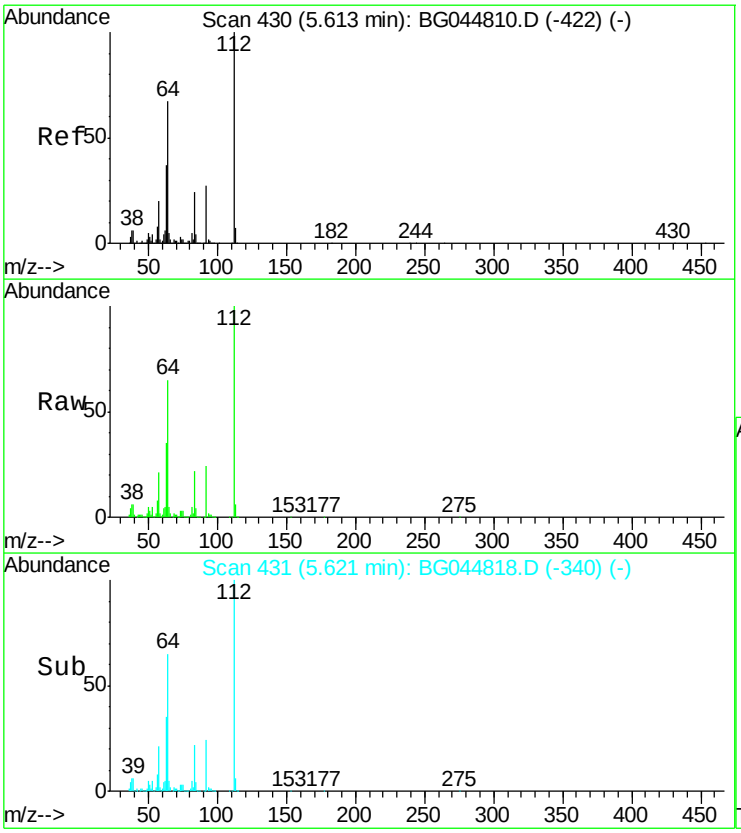
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Instrument :
BNA_G
ClientSampleId :
Z1-2

Tgt Ion:152 Resp: 100772

Ion	Ratio	Lower	Upper
152	100		
150	157.4	128.8	193.2
115	58.5	52.6	79.0

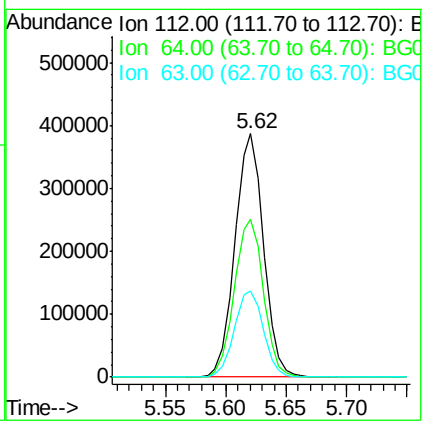


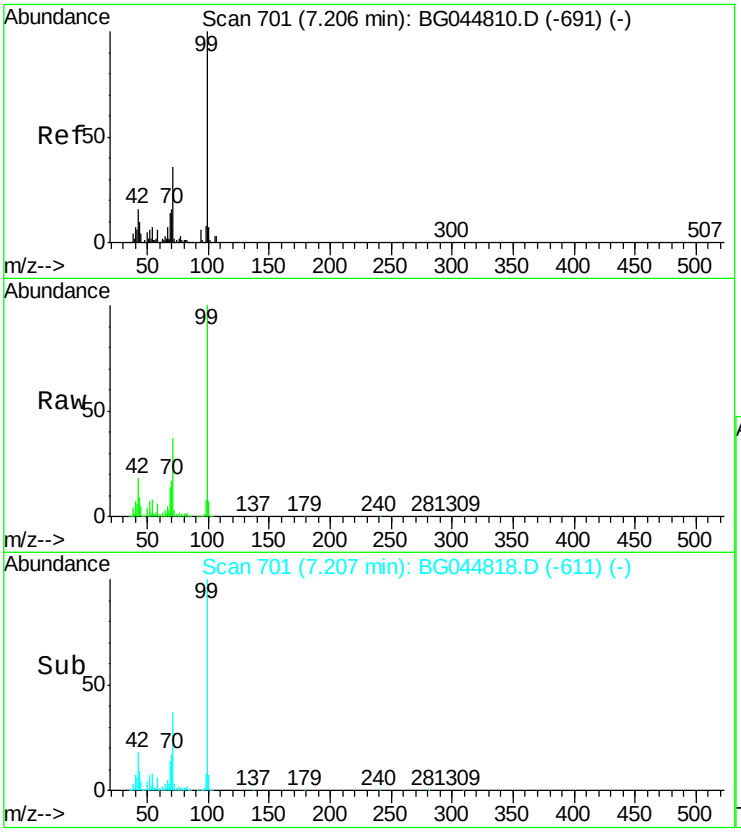


#5
2-Fluorophenol
Concen: 98.38 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Tgt Ion:112 Resp: 636864

Ion	Ratio	Lower	Upper
112	100		
64	64.6	53.4	80.2
63	35.4	29.4	44.2



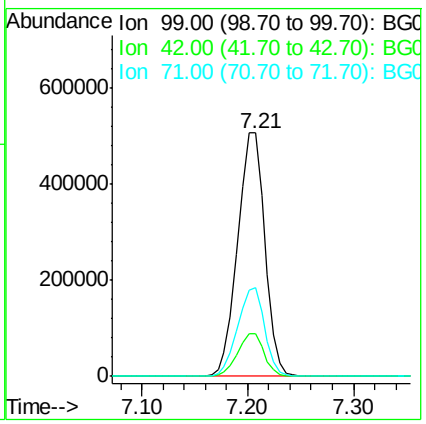


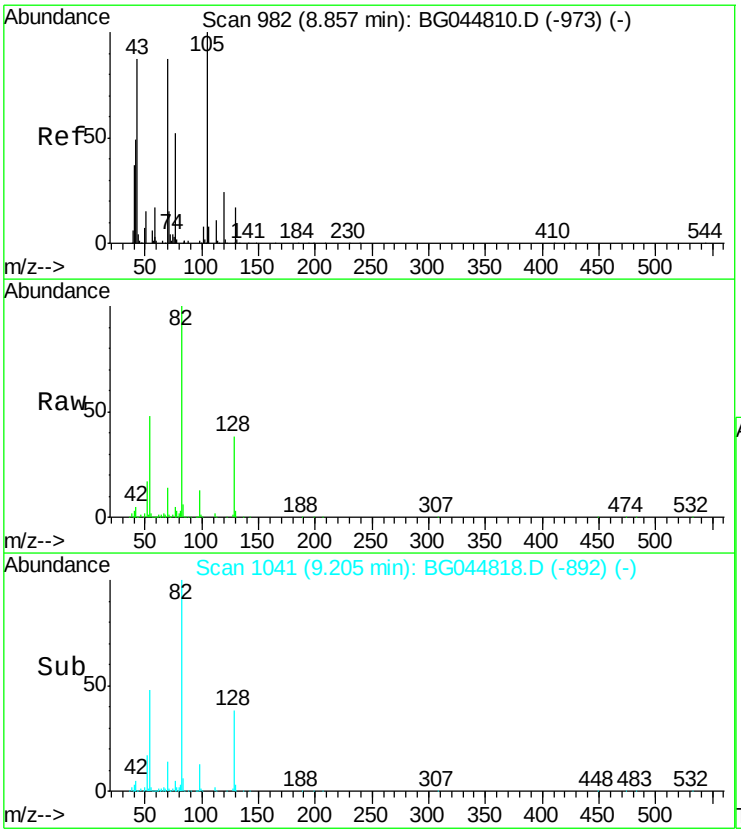
#7
Phenol-d6
Concen: 96.49 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Instrument :
BNA_G
ClientSampleId :
Z1-2

Tgt Ion: 99 Resp: 907566

Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.6	19.0
71	36.7	29.0	43.4

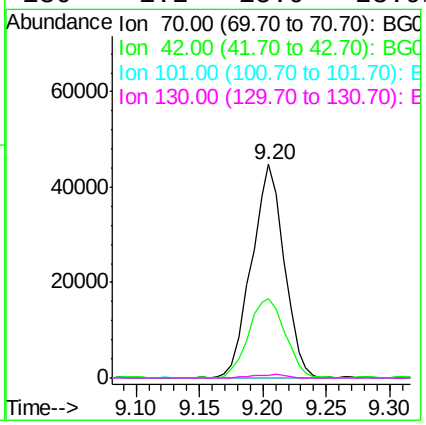


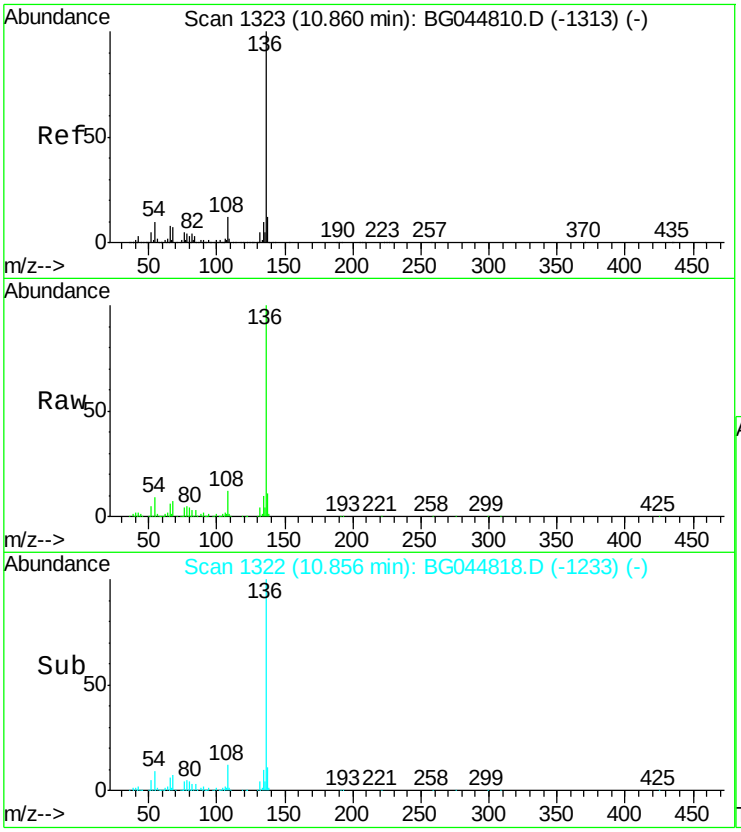


#19
n-Nitroso-di-n-propylamine
Concen: 12.11 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.35 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Tgt Ion: 70 Resp: 80431

Ion	Ratio	Lower	Upper
70	100		
42	37.2	45.7	68.5#
101	0.0	7.4	11.2#
130	1.2	15.9	23.9#



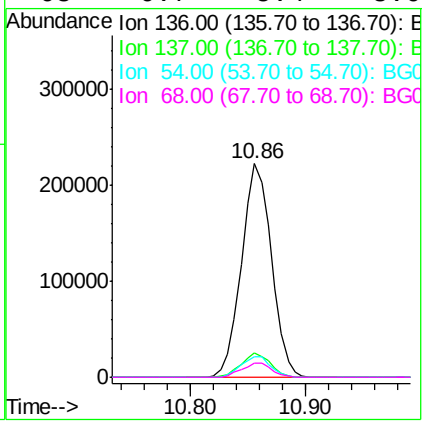


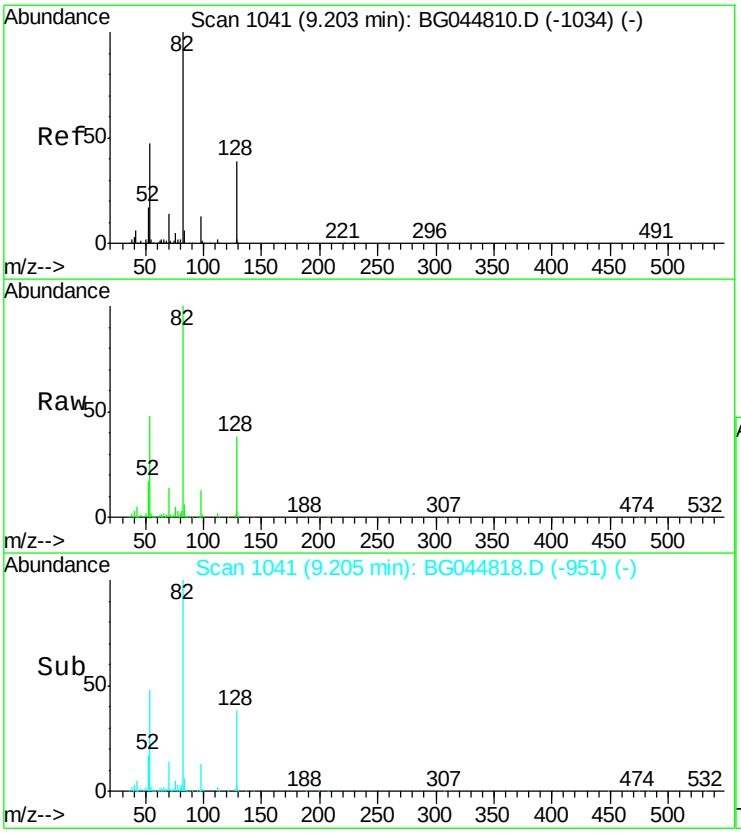
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Instrument :
BNA_G
ClientSampleId :
Z1-2

Tgt Ion:136 Resp: 401577

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	9.3	7.9	11.9
68	6.7	5.4	8.0

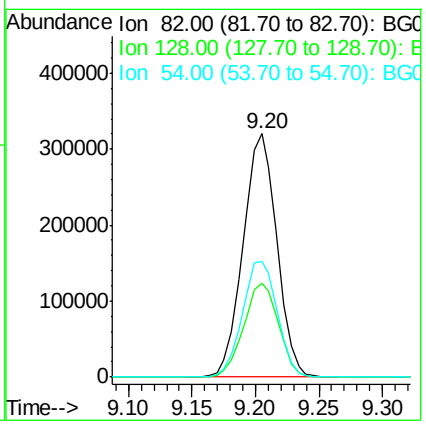


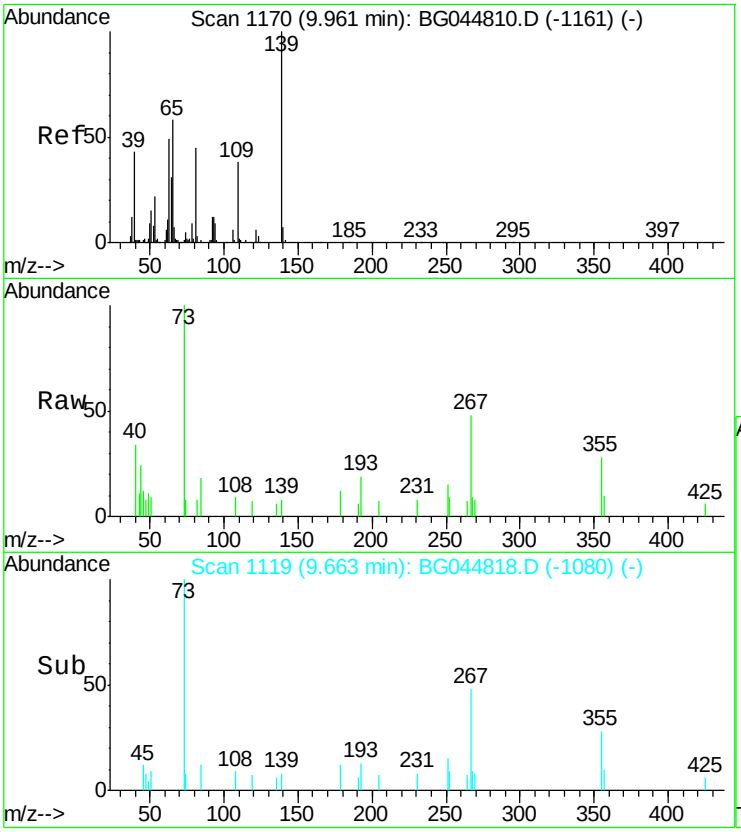


#23
Nitrobenzene-d5
Concen: 64.84 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Tgt Ion: 82 Resp: 593378

Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.6	46.0
54	47.6	37.1	55.7



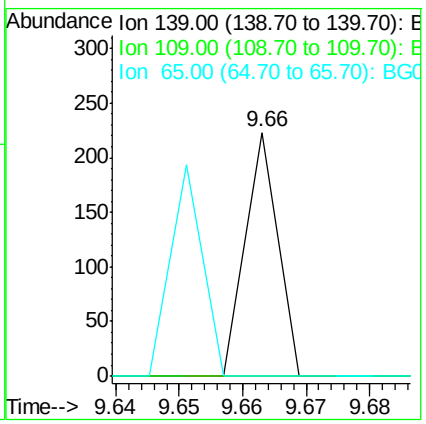


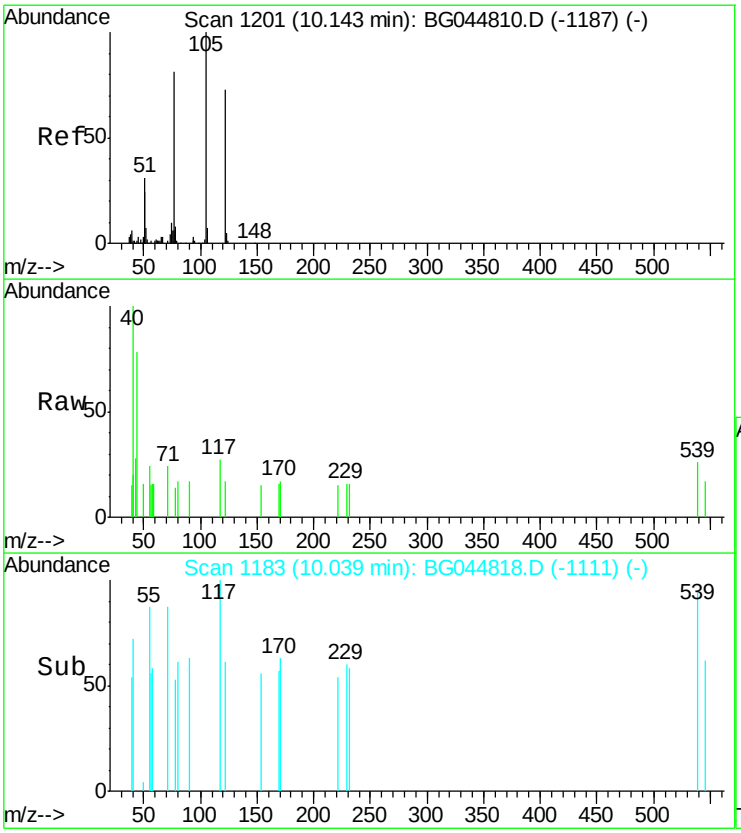
#26
2-Nitrophenol
Concen: 5.54 ng
RT: 9.66 min Scan# 1119
Delta R.T. -0.30 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Instrument :
BNA_G
ClientSampleId :
Z1-2

Tgt Ion:139 Resp: 79

Ion	Ratio	Lower	Upper
139	100		
109	0.0	30.2	45.4#
65	0.0	46.3	69.5#

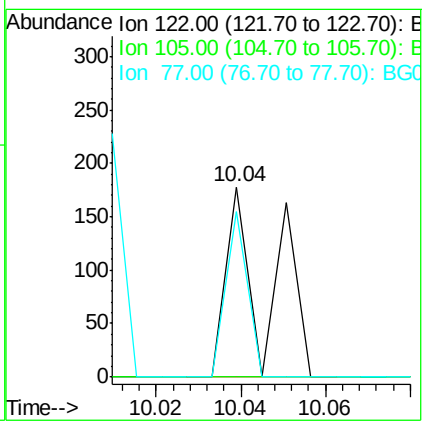


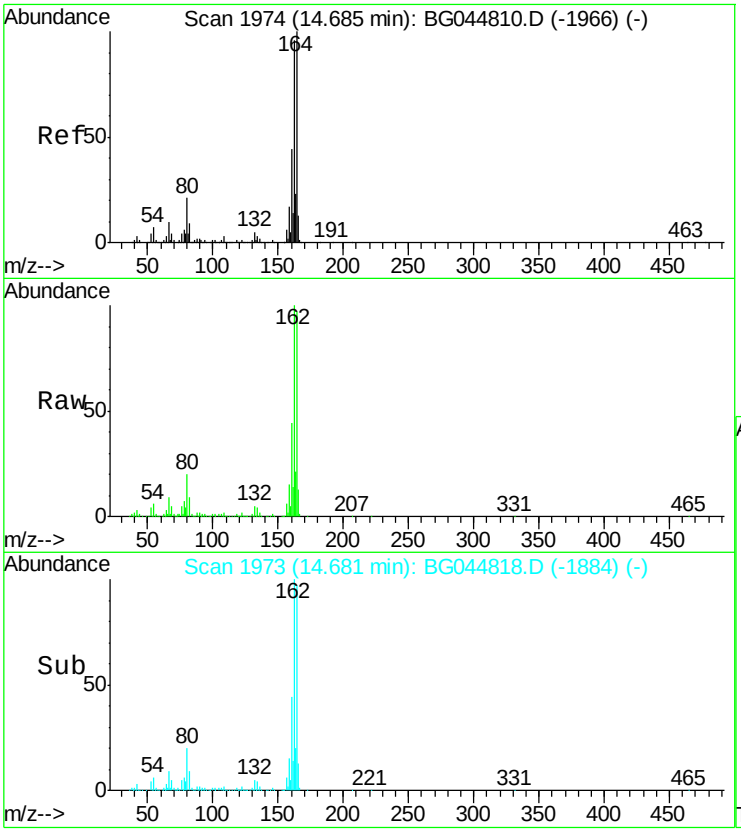


#32
Benzoic acid
Concen: 9.69 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Tgt Ion:122 Resp: 120

Ion	Ratio	Lower	Upper
122	100		
105	0.0	109.1	149.1#
77	87.1	85.3	125.3



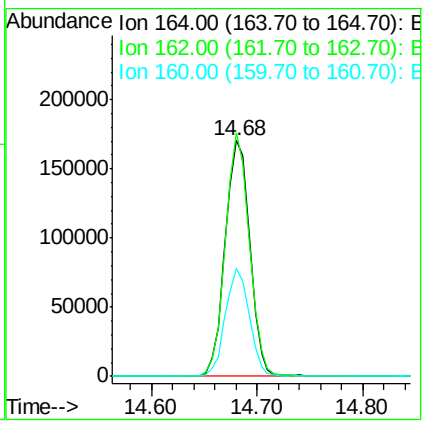


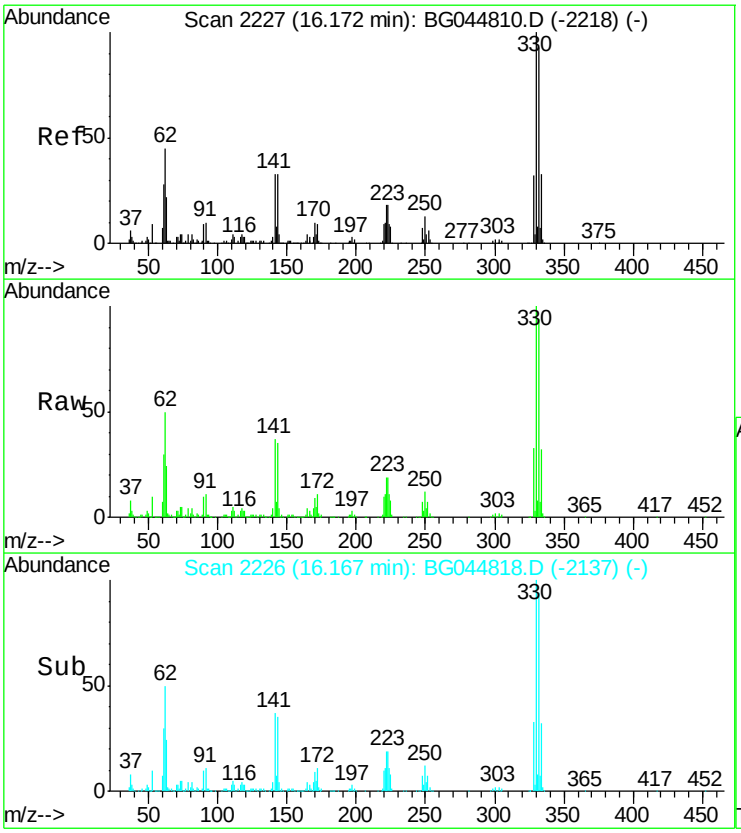
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Instrument :
BNA_G
ClientSampleId :
Z1-2

Tgt Ion:164 Resp: 275888

Ion	Ratio	Lower	Upper
164	100		
162	103.3	76.7	115.1
160	45.9	35.0	52.4

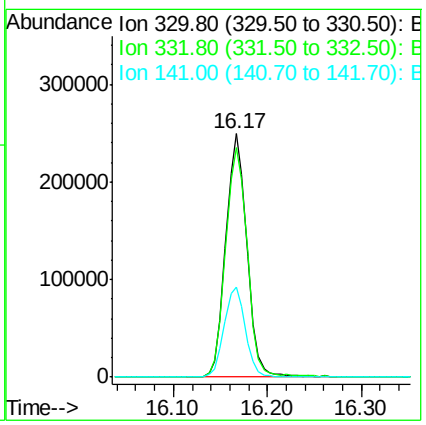


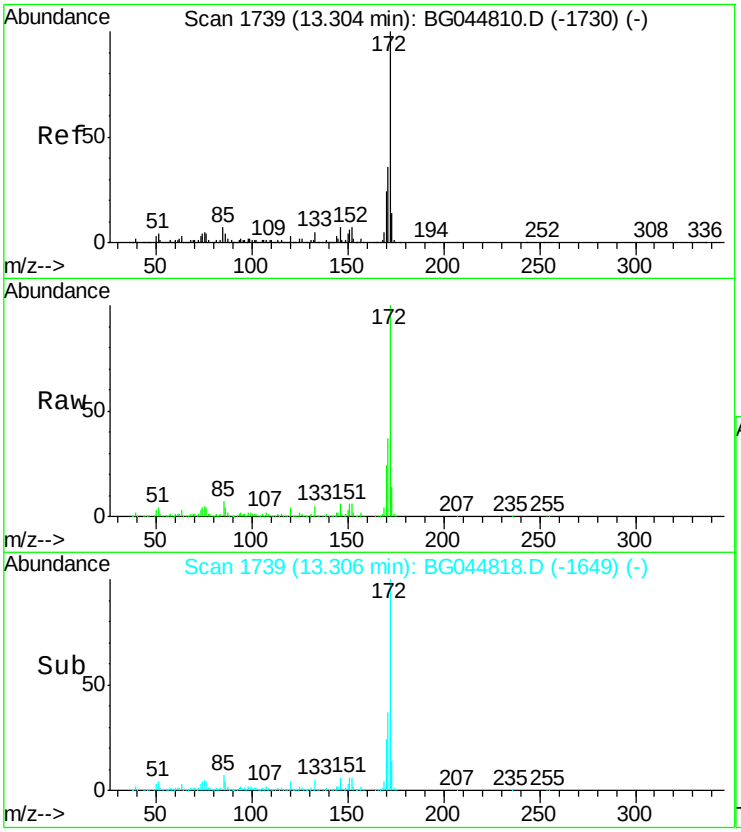


#42
2,4,6-Tribromophenol
Concen: 108.02 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Tgt Ion:330 Resp: 390208

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.8	116.6
141	37.5	29.5	44.3



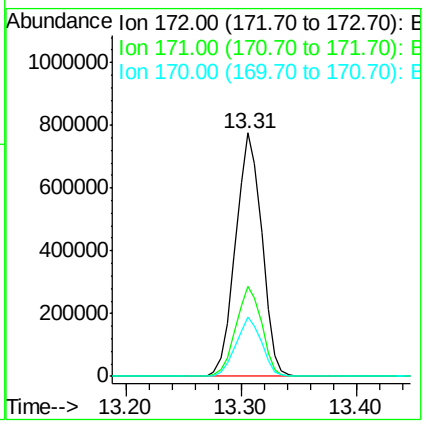


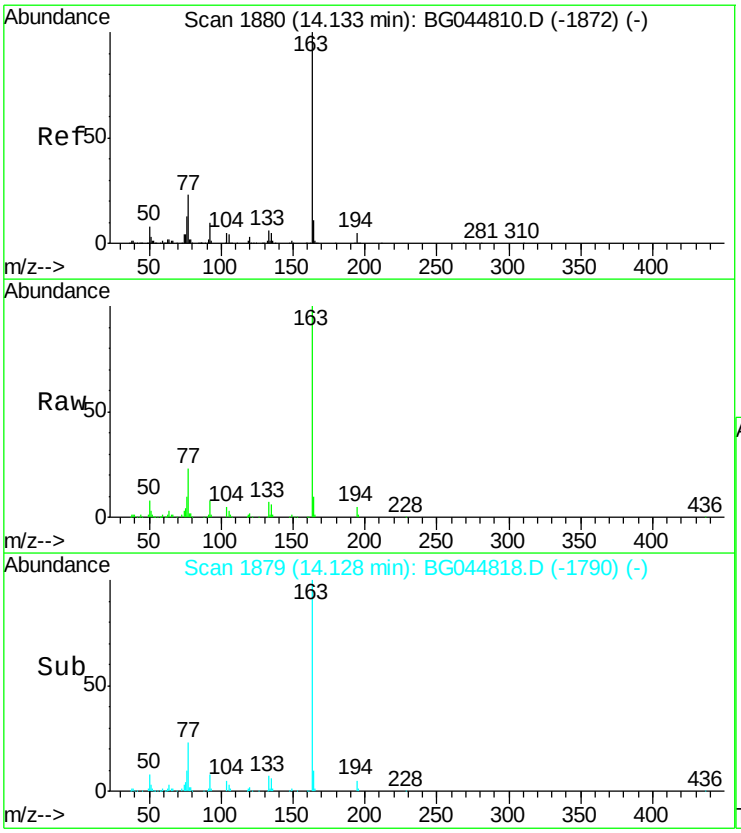
#45
2-Fluorobiphenyl
Concen: 63.50 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Instrument :
BNA_G
ClientSampleId :
Z1-2

Tgt Ion:172 Resp: 1223318

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.7	43.1
170	24.2	19.0	28.6

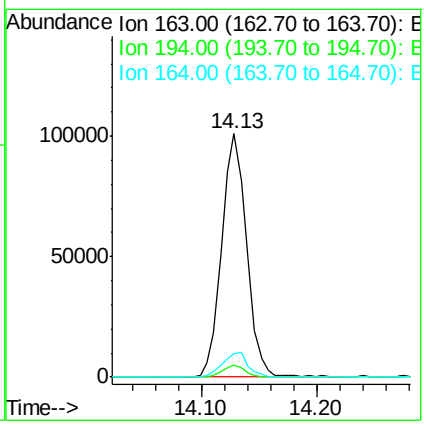


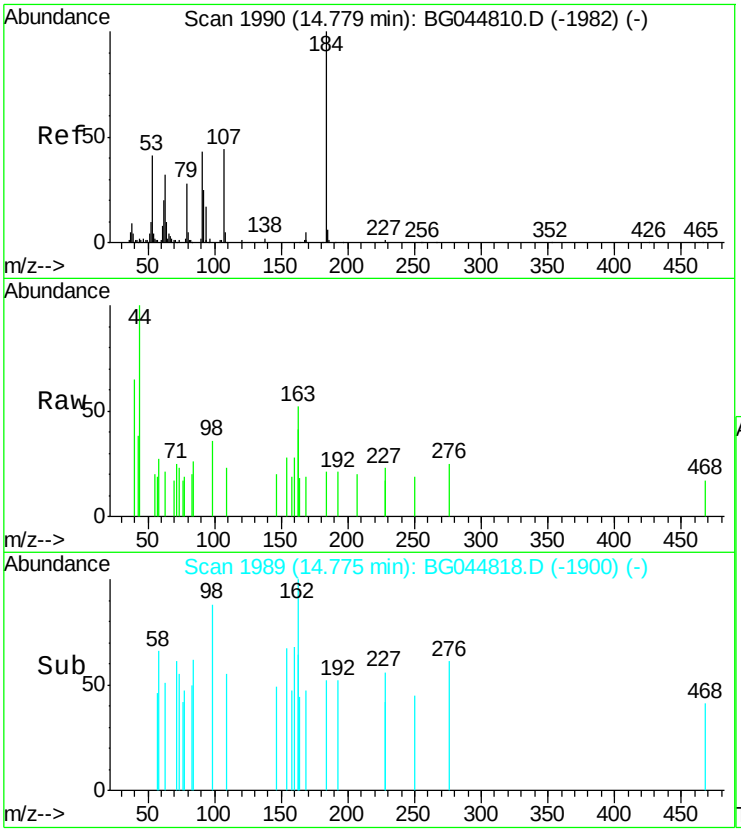


#50
Dimethylphthalate
Concen: 6.86 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Tgt Ion:163 Resp: 150827

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.7	5.5
164	9.7	9.1	13.7



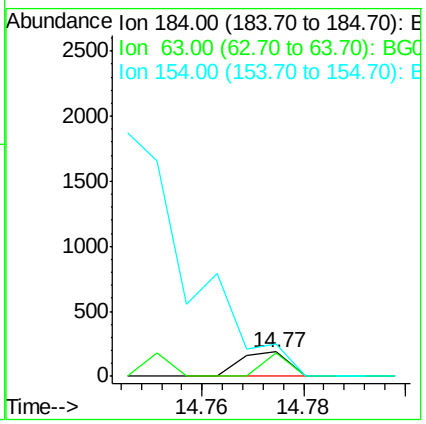


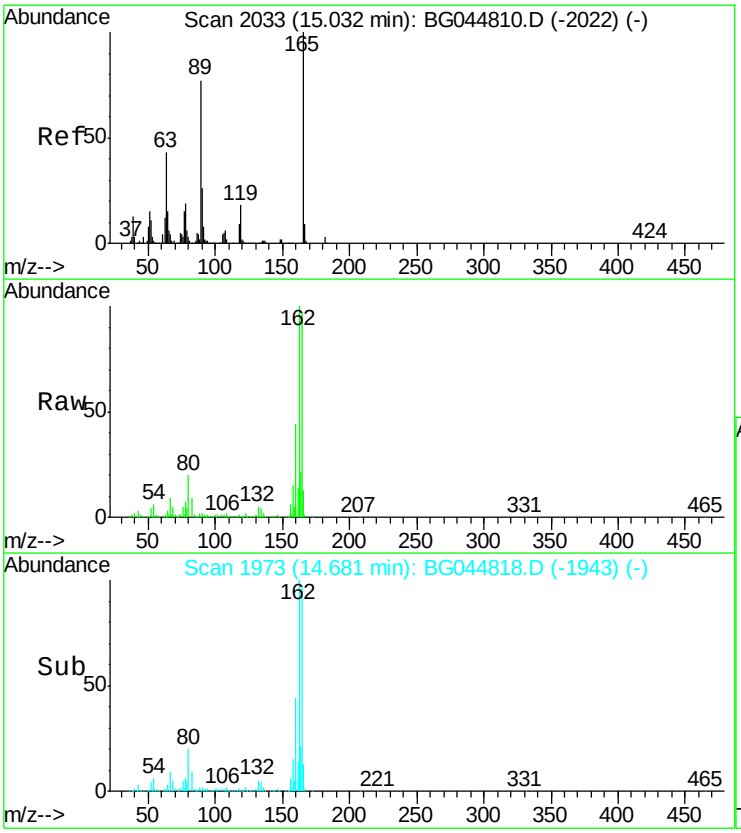
#54
2,4-Dinitrophenol
Concen: 8.37 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Instrument :
BNA_G
ClientSampleId :
Z1-2

Tgt Ion:184 Resp: 123

Ion	Ratio	Lower	Upper
184	100		
63	97.4	45.5	68.3#
154	130.0	49.1	73.7#

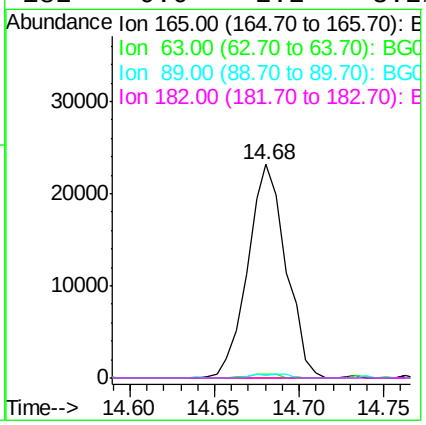


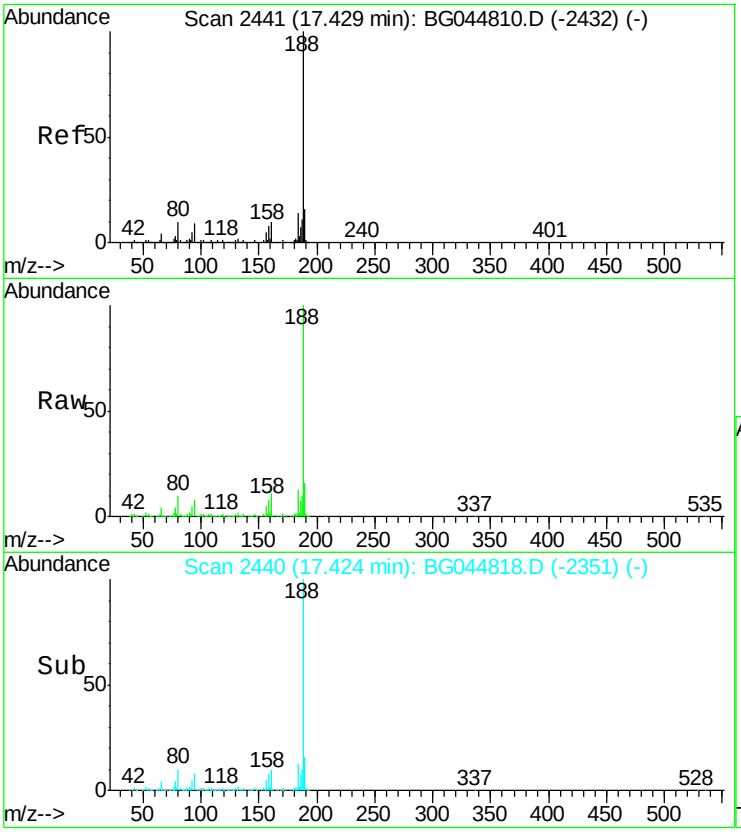


#57
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.35 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Tgt Ion:165 Resp: 36482

Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.6	52.0#
89	1.3	61.3	91.9#
182	0.0	2.2	3.2#



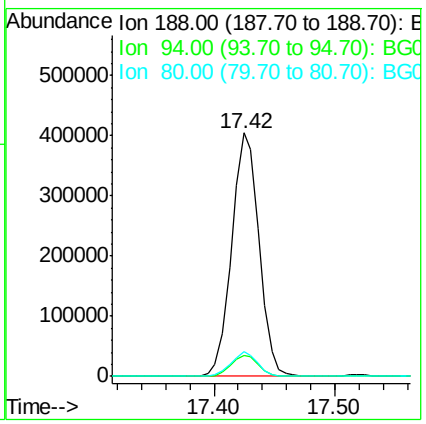


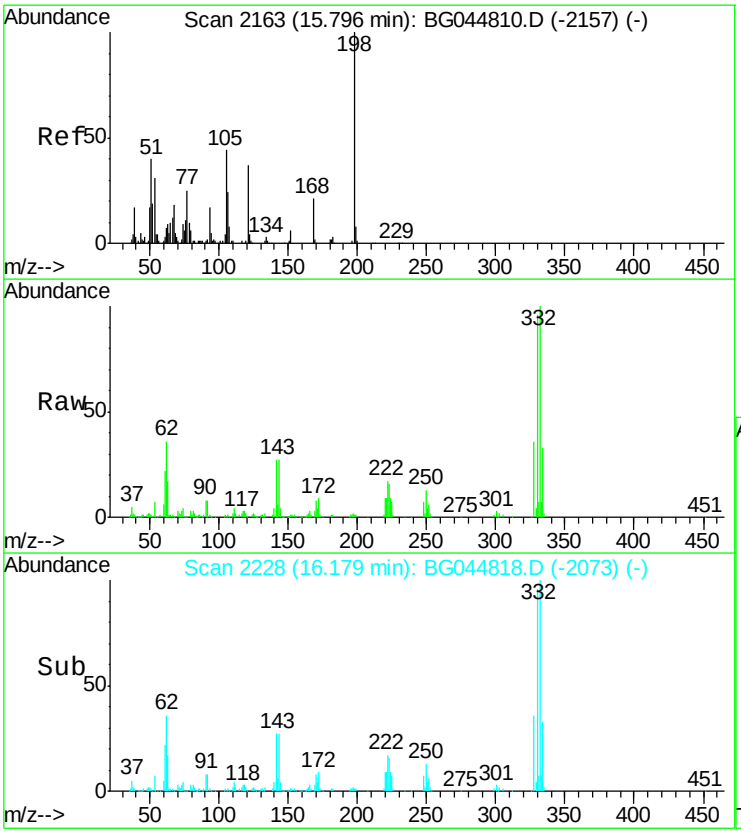
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Instrument :
BNA_G
ClientSampleId :
Z1-2

Tgt Ion:188 Resp: 636907

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.3	10.9
80	9.9	8.0	12.0

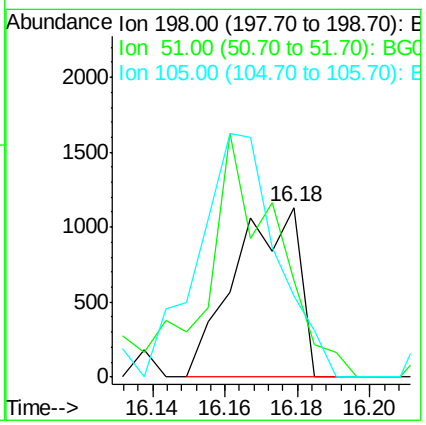


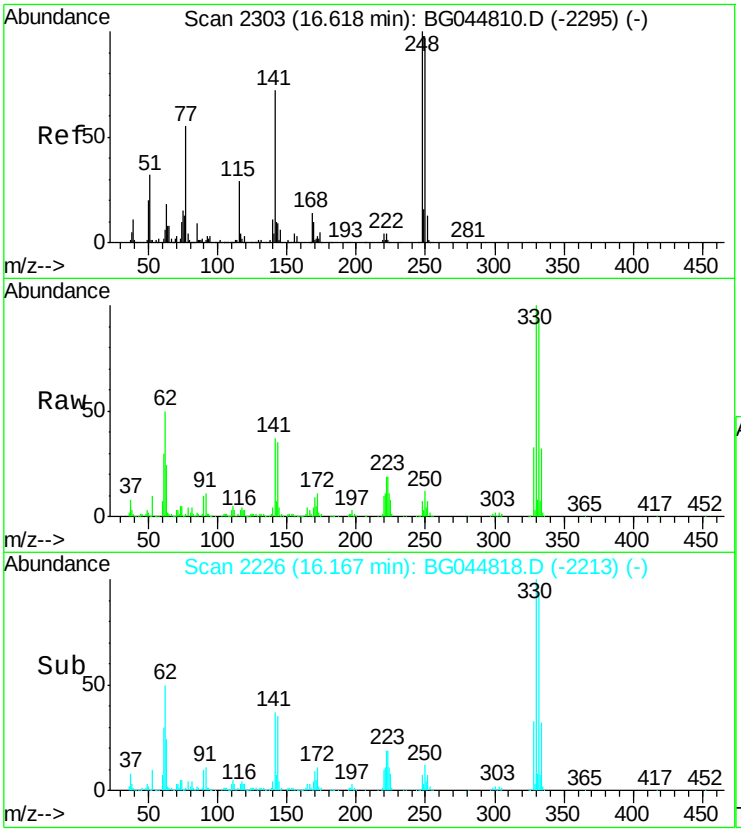


#65
4,6-Dinitro-2-methylphenol
Concen: 8.12 ng
RT: 16.18 min Scan# 2228
Delta R.T. 0.38 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Tgt Ion:198 Resp: 1398

Ion	Ratio	Lower	Upper
198	100		
51	56.6	21.1	61.1
105	47.8	24.5	64.5



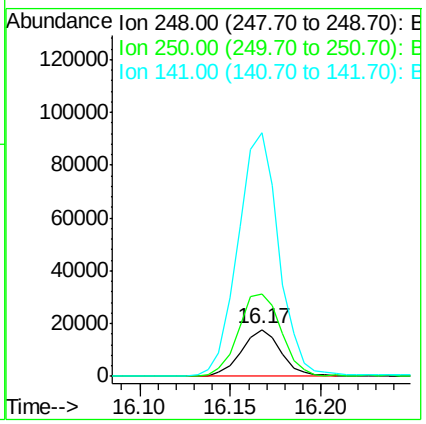


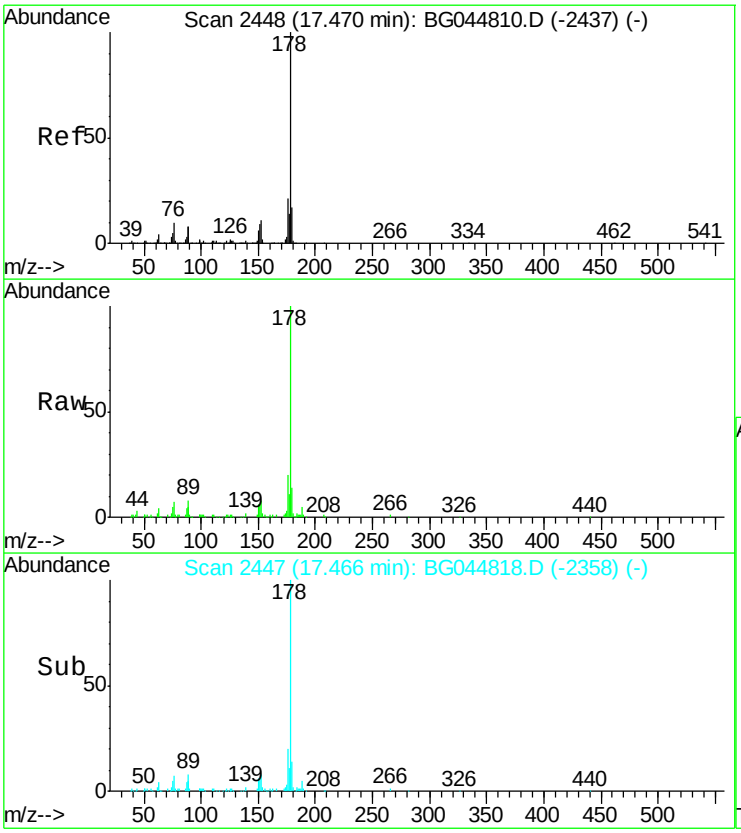
#67
4-Bromophenyl-phenylether
Concen: 3.36 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.45 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Instrument :
BNA_G
ClientSampleId :
Z1-2

Tgt Ion:248 Resp: 26767

Ion	Ratio	Lower	Upper
248	100		
250	175.5	77.9	116.9#
141	521.1	57.5	86.3#

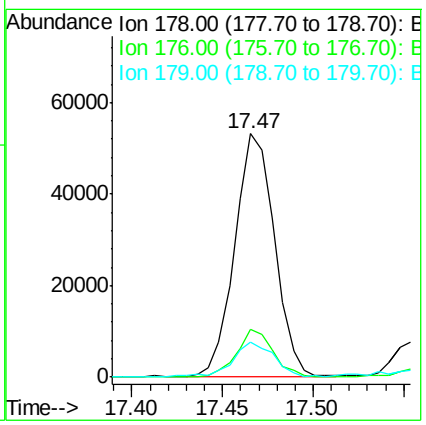


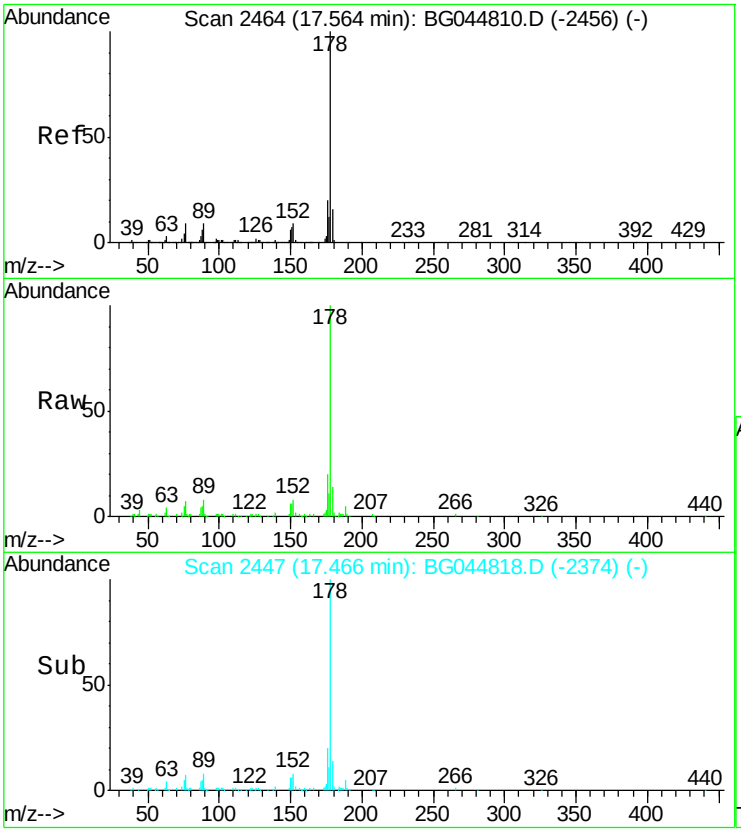


#71
Phenanthrene
Concen: 2.40 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Tgt Ion:178 Resp: 81542

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	24.8
179	14.4	13.5	20.3



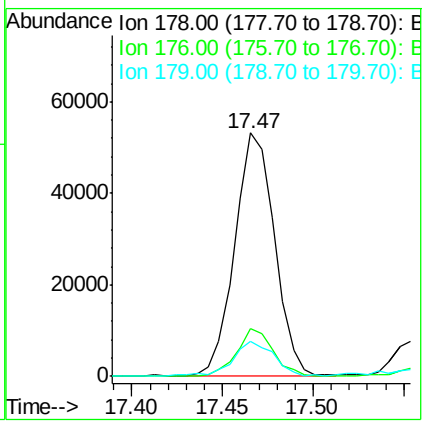


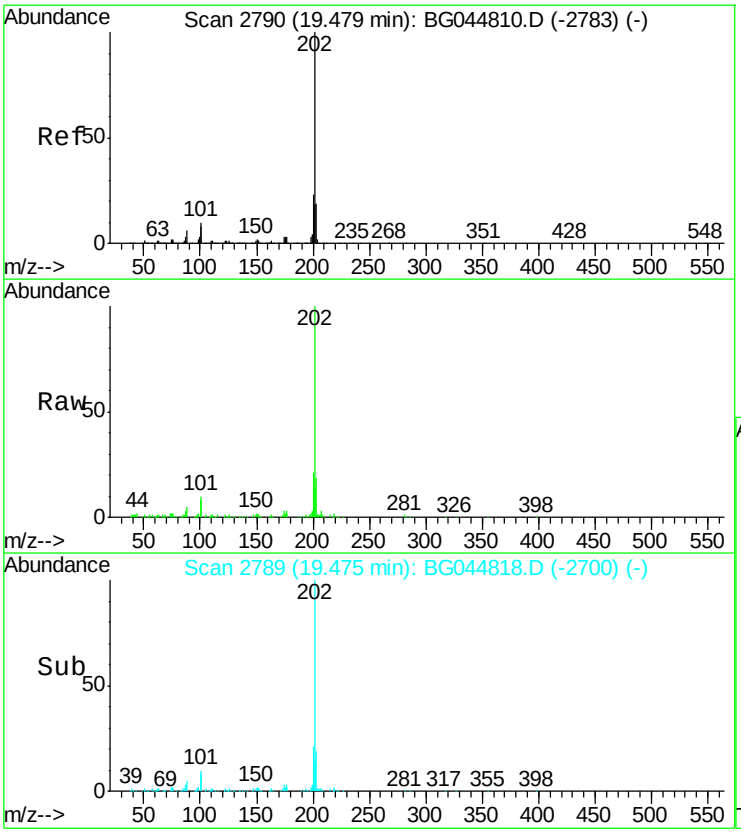
#72
Anthracene
Concen: 2.43 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.10 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Instrument :
BNA_G
ClientSampleId :
Z1-2

Tgt Ion:178 Resp: 81542

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	14.4	13.2	19.8

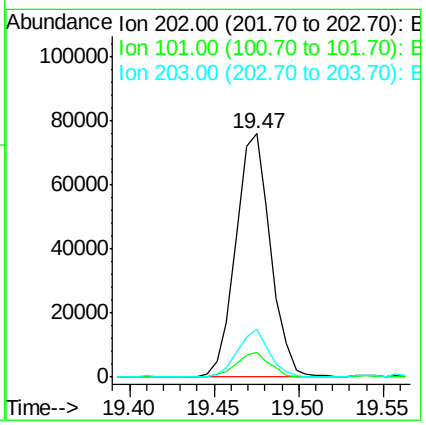


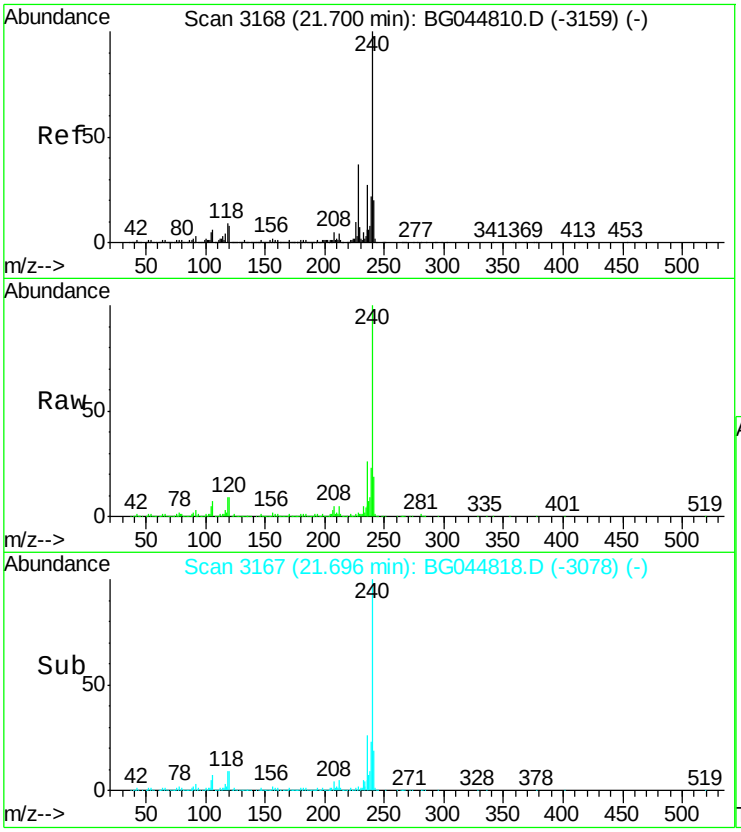


#75
Fluoranthene
Concen: 2.67 ng
RT: 19.47 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Tgt Ion:202 Resp: 108244

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.8
203	19.4	0.0	39.4



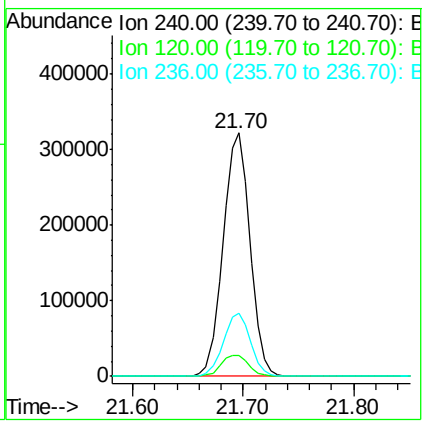


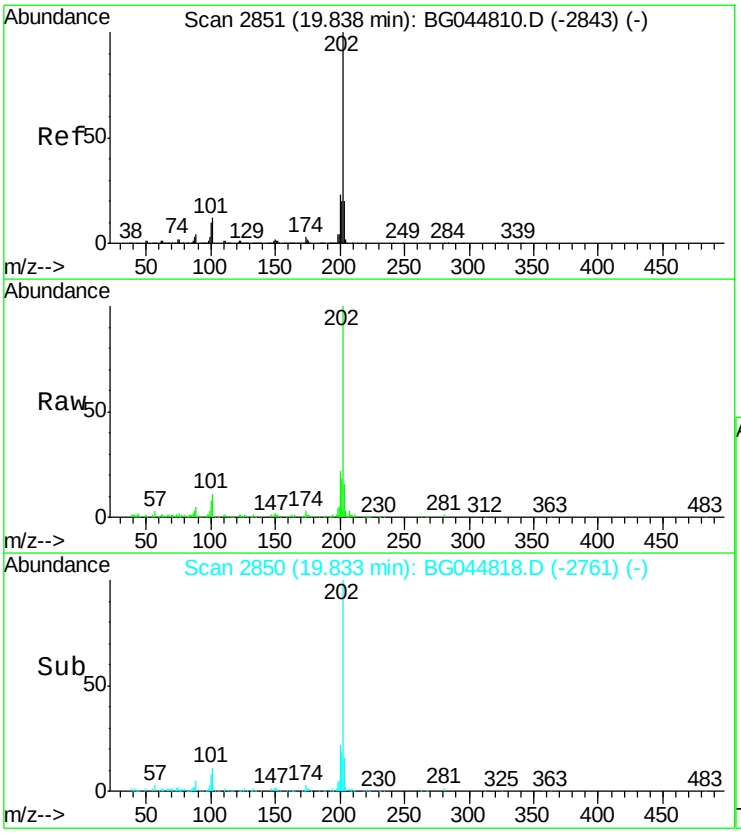
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Instrument :
BNA_G
ClientSampleId :
Z1-2

Tgt Ion:240 Resp: 547812

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.7	10.1
236	26.0	21.5	32.3

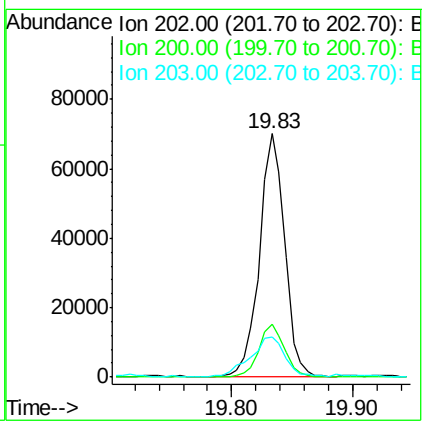


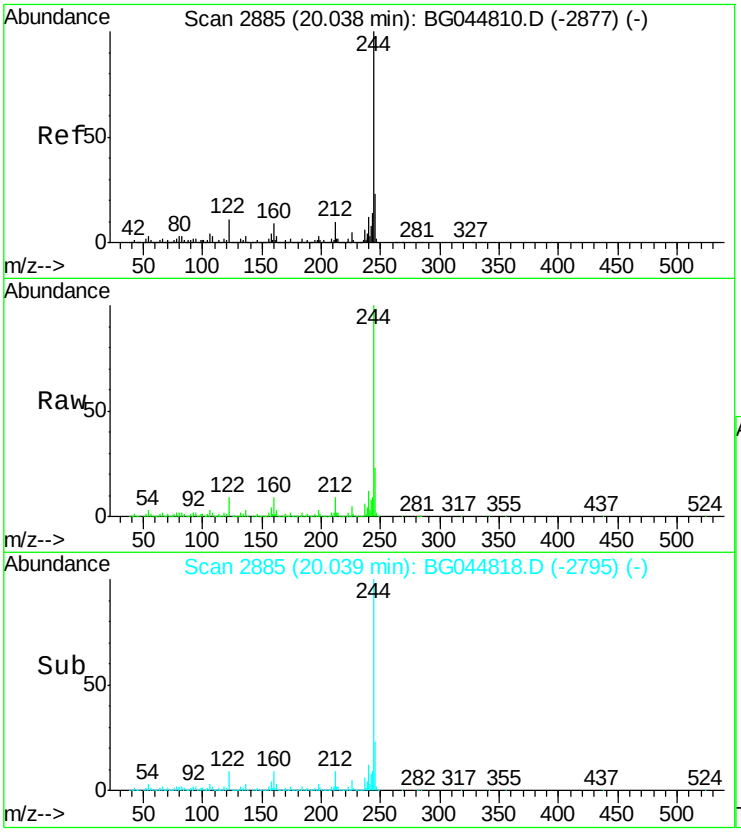


#78
Pyrene
Concen: 2.54 ng
RT: 19.83 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Tgt Ion:202 Resp: 102102

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.3	27.5
203	16.2	15.6	23.4



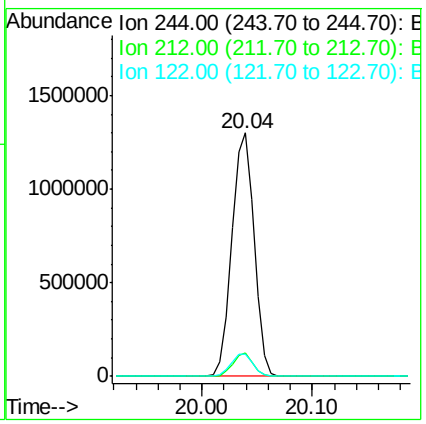


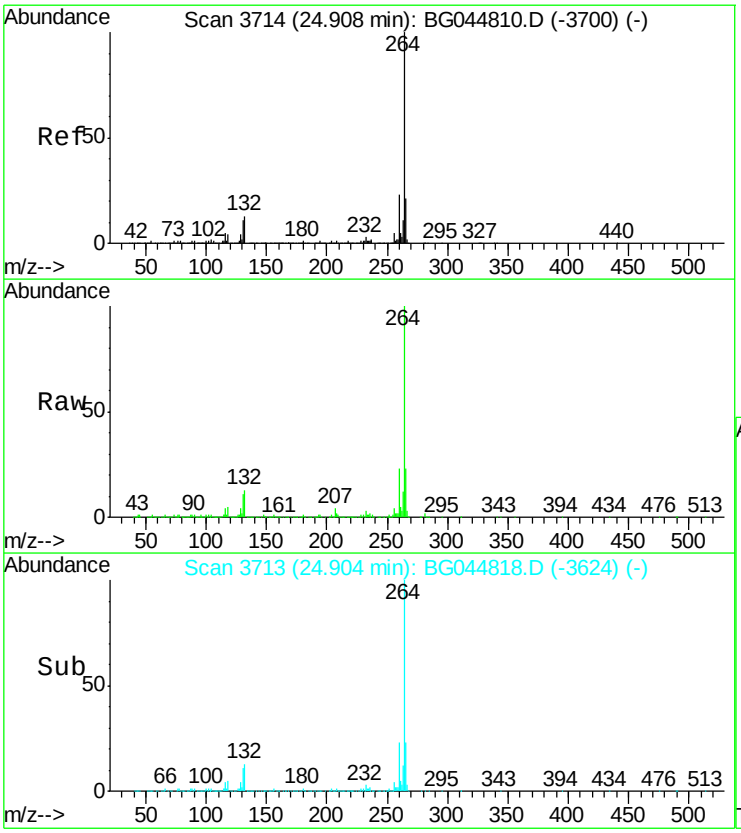
#79
Terphenyl-d14
Concen: 62.87 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Instrument :
BNA_G
ClientSampleId :
Z1-2

Tgt Ion:244 Resp: 1841082

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.7	11.5
122	9.2	8.6	12.8





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.90 min Scan# 3713
Delta R.T. -0.00 min
Lab File: BG044818.D
Acq: 16 Mar 2020 18:18

Tgt Ion:264 Resp: 623733

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.1	27.1
265	22.8	17.1	25.7