Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048174.D
Acq On : 16 Feb 2021 22:21
Operator : CG/JU
Sample : M1407-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGJ8MS

Quant Time: Feb 16 23:36:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 16 23:25:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	58996	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	231801	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	180272	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	457050	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	490890	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	499821	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	5708	4.03	ng/uL	0.00
5) Phenol-d5	7.25	99	35103	7.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	83506	28.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	79898	22.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	59973	15.38	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	49523	28.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	62315	29.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	109598	26.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	11851	2.92	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	434594	32.55	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	479610	29.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	19994	8.81	ng/ul	0.02
58) Fluorene-d10	15.71	176	373668	31.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	96339	34.38	ng/ul	0.00
71) Anthracene-d10	17.56	188	678056	34.60	ng/ul	0.00
79) Pyrene-d10	19.84	212	832255	33.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	877446	34.41	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.27	94	38402	7.483	ng/ul	96
10) 2-Chlorophenol	7.66	128	79658	21.580	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.90	70	102972	29.200	ng/ul	94
28) Naphthalene	10.97	128	27796	2.377	ng/ul#	93
33) 4-Chloro-3-methylphenol	12.17	107	123542	28.437	ng/ul	99
35) 1-Methylnaphthalene	12.78	142	45266	5.266	ng/uL#	98
45) Dimethylphthalate	14.17	163	17807	1.290	ng/ul	98
50) Acenaphthene	14.79	153	665545	60.743	ng/ul	96
53) 4-Nitrophenol	14.93	109	20624	8.051	ng/ul	88
55) 2,4-Dinitrotoluene	15.08	165	140263	33.637	ng/ul#	99
59) Fluorene	15.77	166	184594	14.279	ng/ul	98
61) 4-Nitroaniline	15.77	138	2819	1.023	ng/ul#	23
69) Pentachlorophenol	17.11	266	129112	40.379	ng/ul	89
70) Phenanthrene	17.51	178	84412	3.676	ng/ul	98
72) Anthracene	17.51	178	84412	3.644	ng/ul	99
75) Carbazole	17.87	167	750880	38.761	ng/ul	96
80) Pyrene	19.87	202	945772	31.010	ng/ul	98

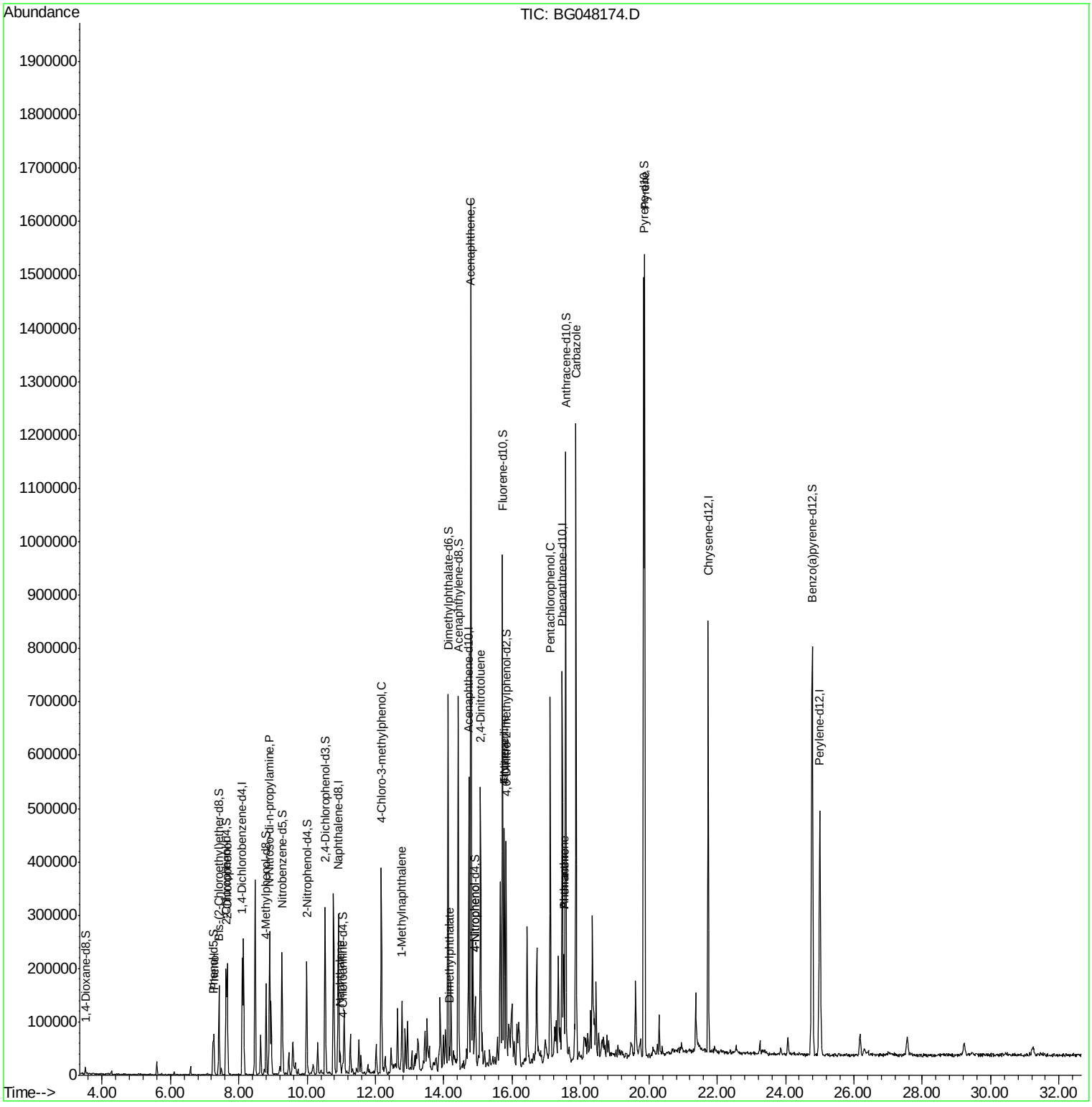
(#) = qualifier out of range (m) = manual integration (+) = signals summed

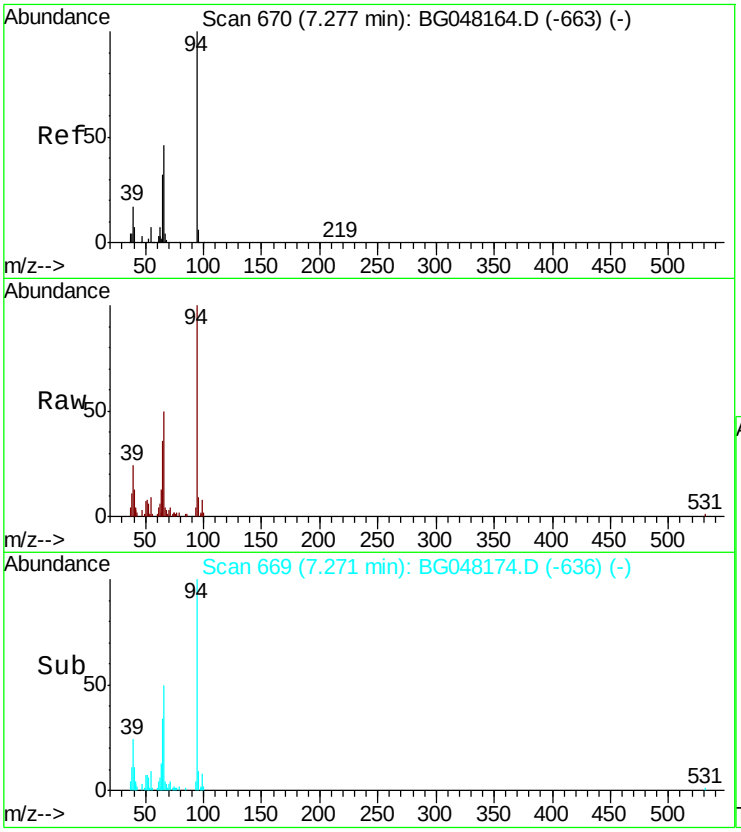
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048174.D
Acq On : 16 Feb 2021 22:21
Operator : CG/JU
Sample : M1407-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBGJ8MS

Quant Time: Feb 16 23:36:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 16 23:25:09 2021
Response via : Initial Calibration



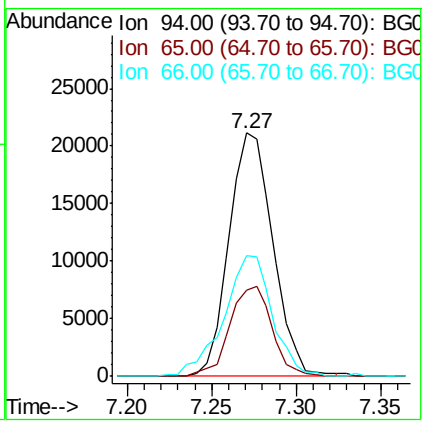


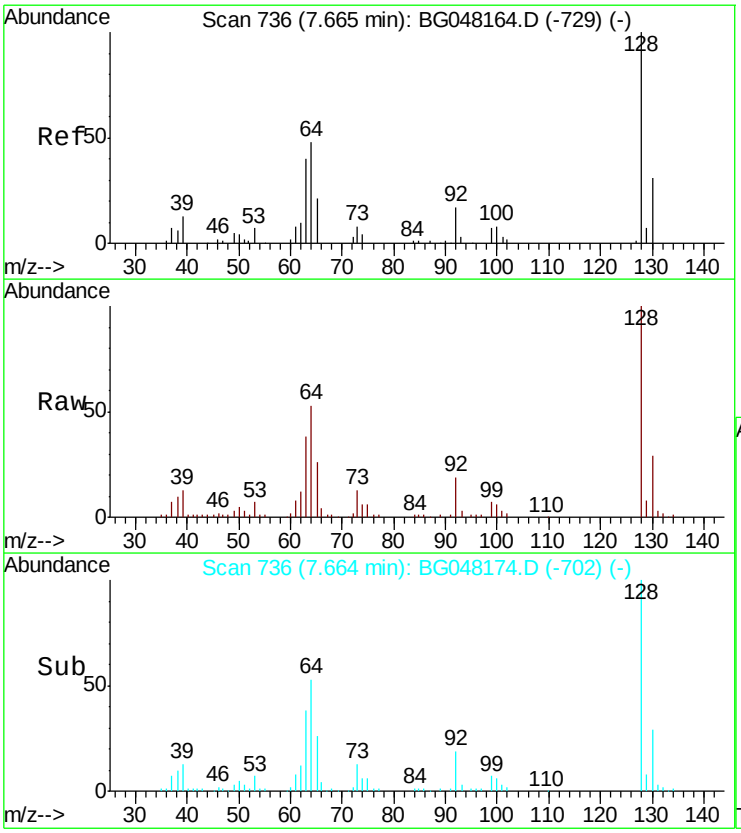
#6
Phenol
Concen: 7.483 ng/ul
RT: 7.27 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Instrument :
BNA_G
ClientSampleId :
DBGJ8MS

Tgt Ion: 94 Resp: 38402

Ion	Ratio	Lower	Upper
94	100		
65	35.5	27.0	40.4
66	49.7	37.1	55.7

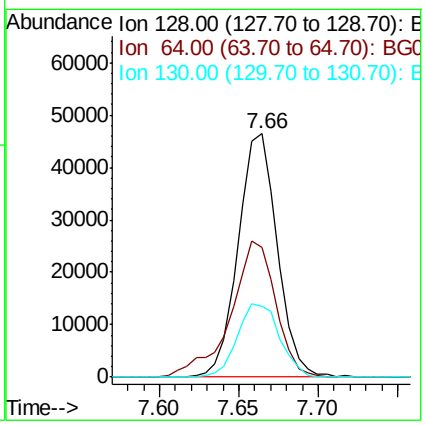


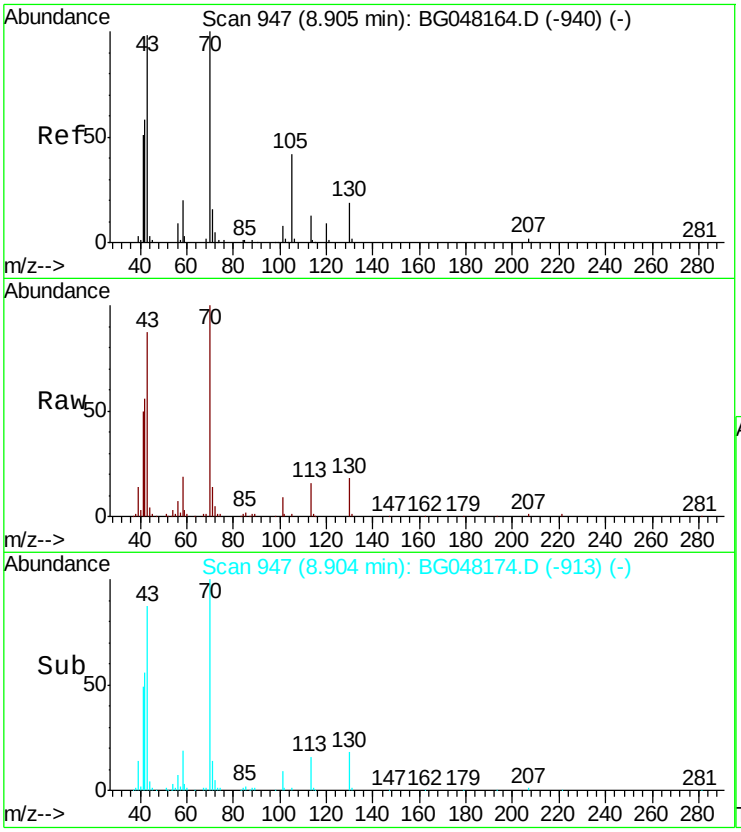


#10
2-Chlorophenol
Concen: 21.580 ng/ul
RT: 7.66 min Scan# 736
Delta R.T. 0.00 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Tgt Ion:128 Resp: 79658

Ion	Ratio	Lower	Upper
128	100		
64	53.3	39.6	59.4
130	29.2	26.8	40.2



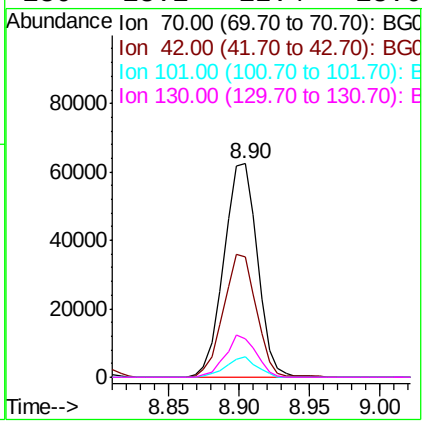


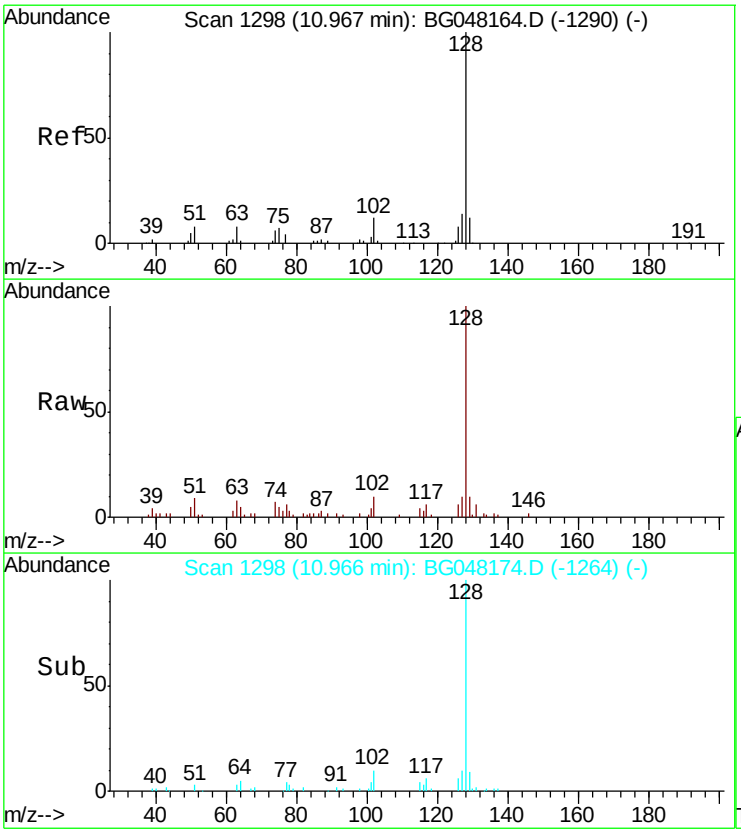
#15
N-Nitroso-di-n-propylamine
Concen: 29.200 ng/ul
RT: 8.90 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Instrument :
BNA_G
ClientSampleId :
DBGJ8MS

Tgt Ion: 70 Resp: 102972

Ion	Ratio	Lower	Upper
70	100		
42	56.3	41.4	62.0
101	9.4	6.6	9.8
130	18.1	12.4	18.6

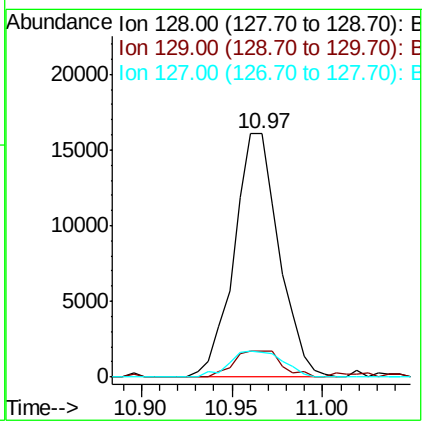


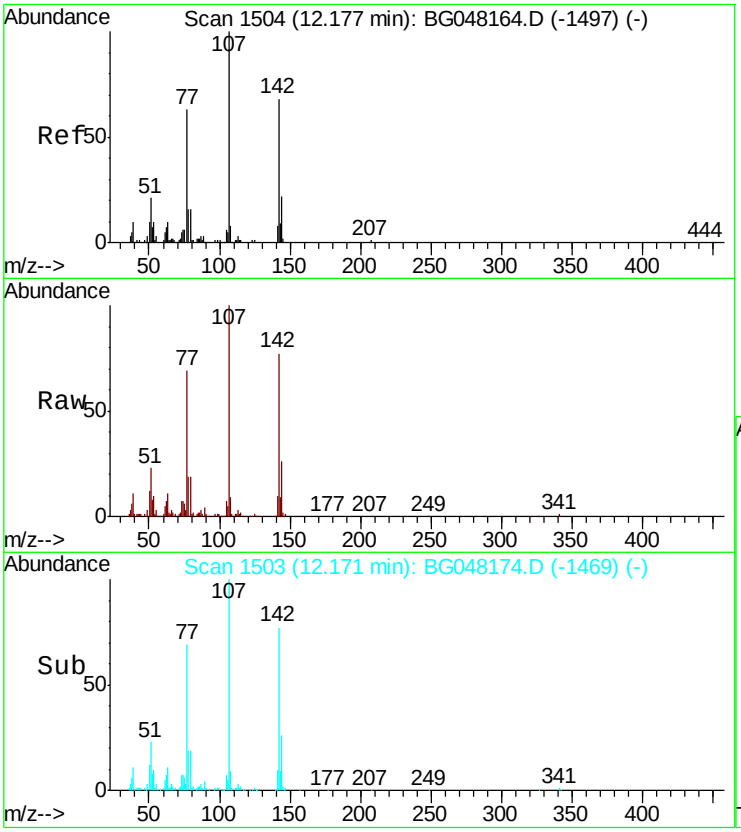


#28
Naphthalene
Concen: 2.377 ng/ul
RT: 10.97 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Tgt Ion:128 Resp: 27796

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.3	13.9
127	10.1	11.2	16.8#



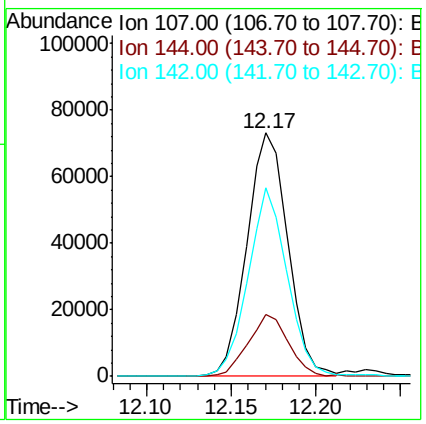


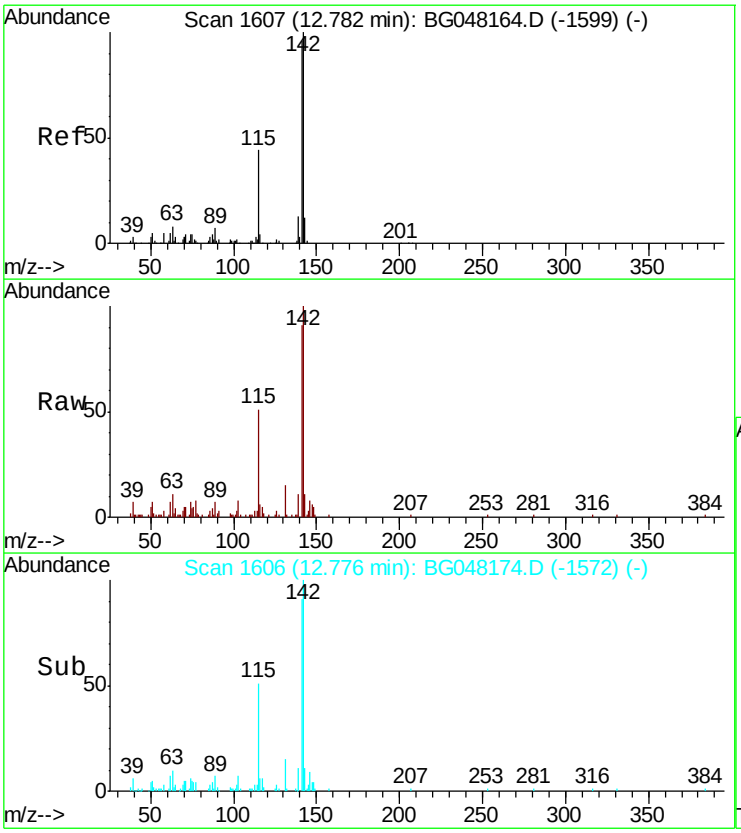
#33
4-Chloro-3-methylphenol
Concen: 28.437 ng/ul
RT: 12.17 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Instrument :
BNA_G
ClientSampleId :
DBGJ8MS

Tgt Ion:107 Resp: 123542

Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.2	28.8
142	77.4	61.8	92.6

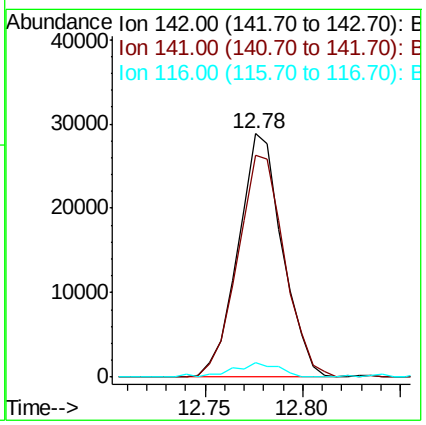


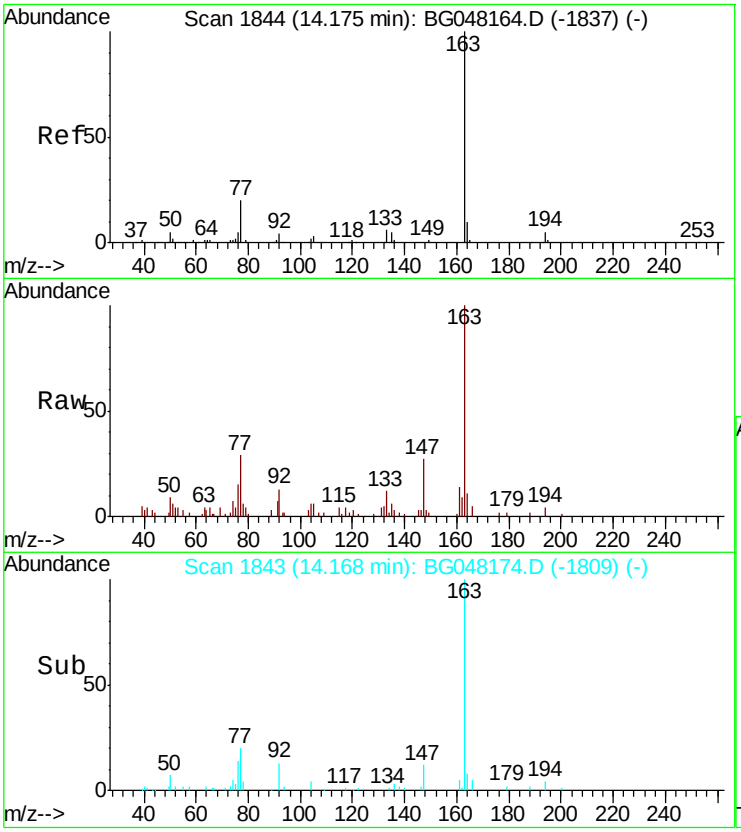


#35
1-Methylnaphthalene
Concen: 5.266 ng/uL
RT: 12.78 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Tgt Ion:142 Resp: 45266

Ion	Ratio	Lower	Upper
142	100		
141	95.8	75.0	112.6
116	5.9	3.7	5.5#



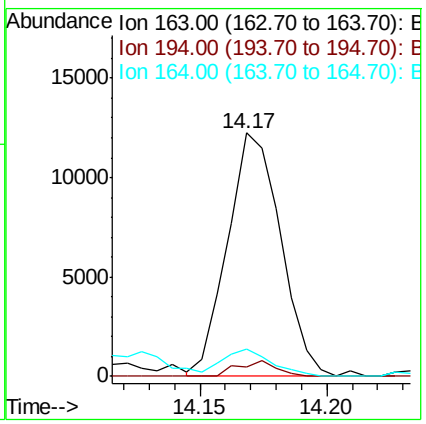


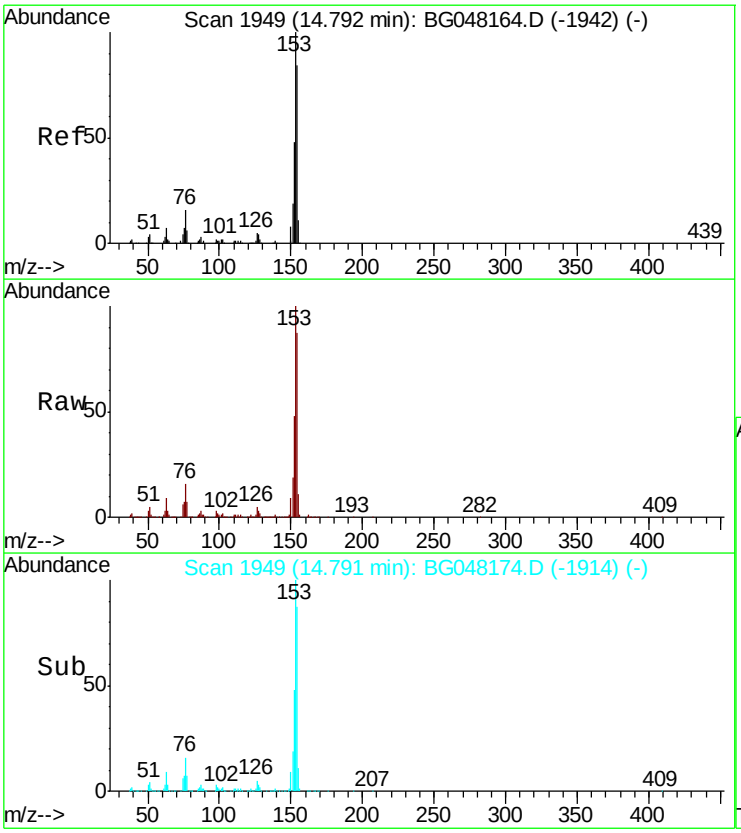
#45
Dimethylphthalate
Concen: 1.290 ng/ul
RT: 14.17 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Instrument :
BNA_G
ClientSampleId :
DBGJ8MS

Tgt Ion:163 Resp: 17807

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	11.2	8.1	12.1

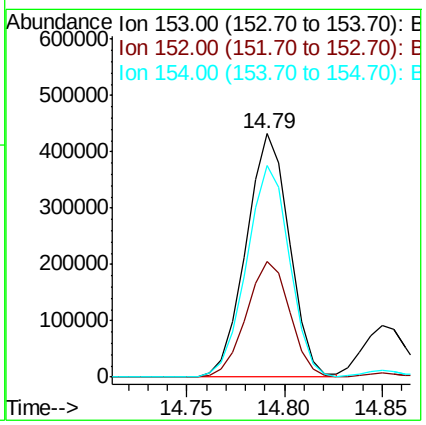


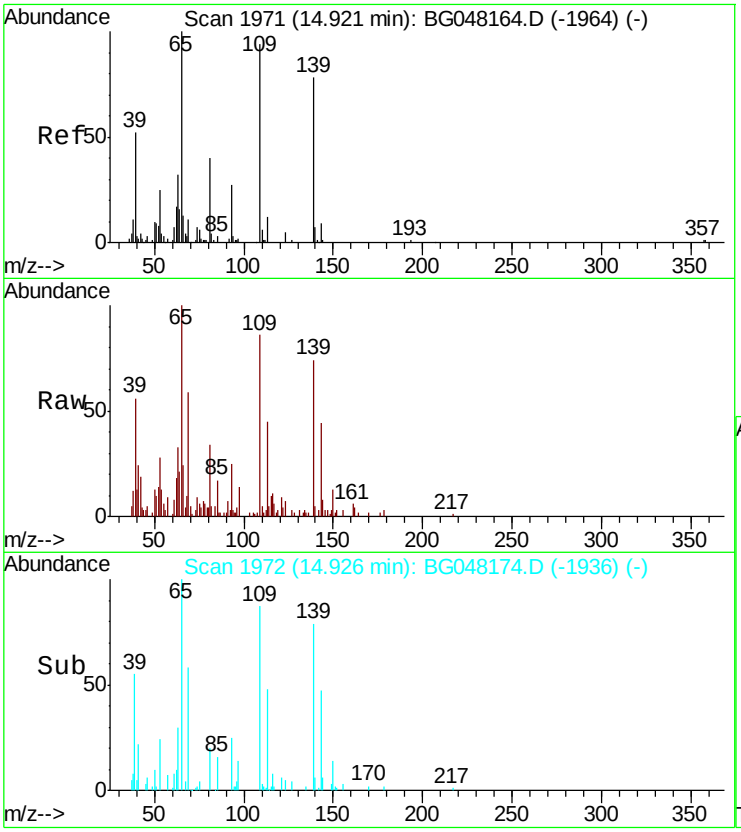


#50
Acenaphthene
Concen: 60.743 ng/ul
RT: 14.79 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Tgt Ion:153 Resp: 665545

Ion	Ratio	Lower	Upper
153	100		
152	47.6	35.7	53.5
154	86.8	66.3	99.5



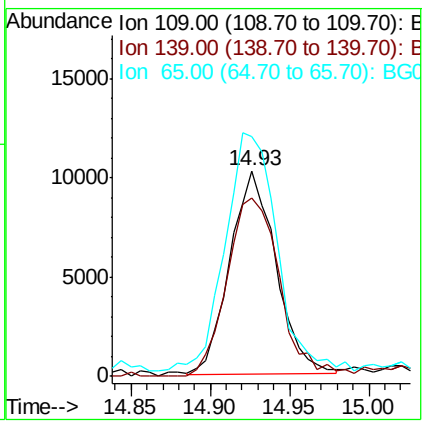


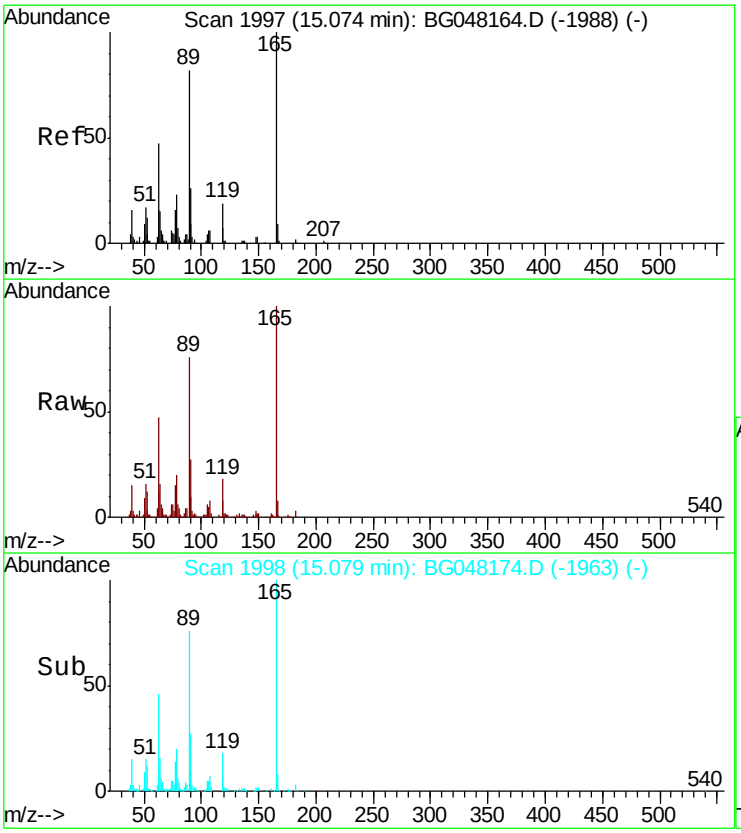
#53
4-Nitrophenol
Concen: 8.051 ng/ul
RT: 14.93 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Instrument :
BNA_G
ClientSampleId :
DBGJ8MS

Tgt Ion:109 Resp: 20624

Ion	Ratio	Lower	Upper
109	100		
139	86.4	81.0	121.6
65	116.4	102.0	153.0

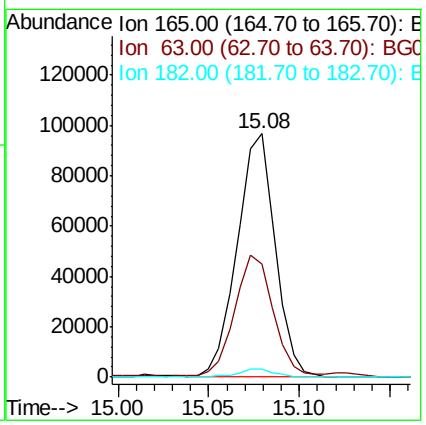


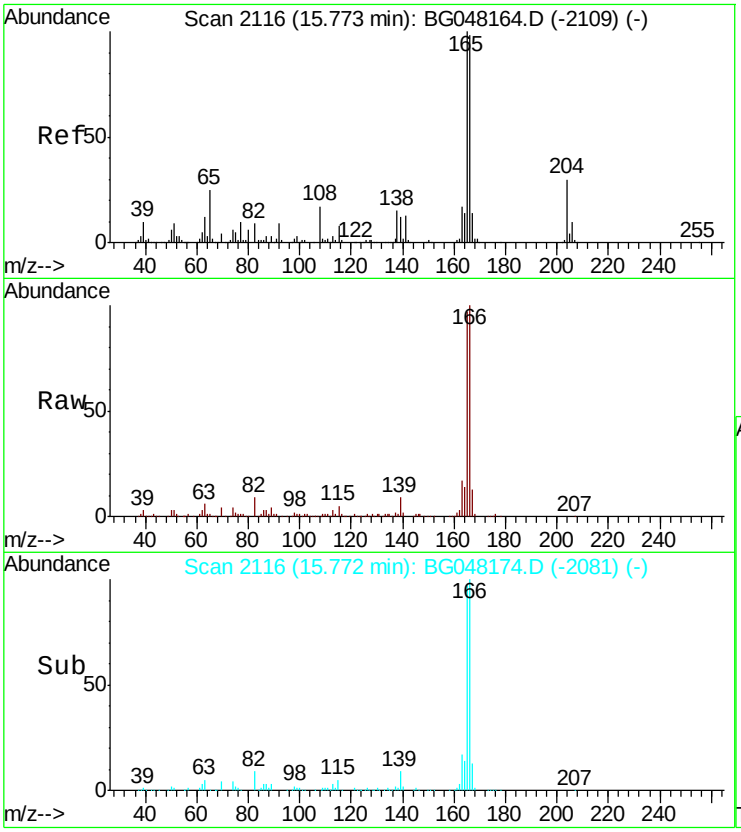


#55
2,4-Dinitrotoluene
Concen: 33.637 ng/ul
RT: 15.08 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Tgt Ion:165 Resp: 140263

Ion	Ratio	Lower	Upper
165	100		
63	46.7	37.9	56.9
182	3.1	1.8	2.8#



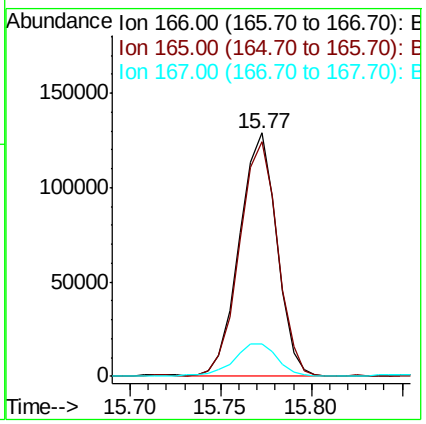


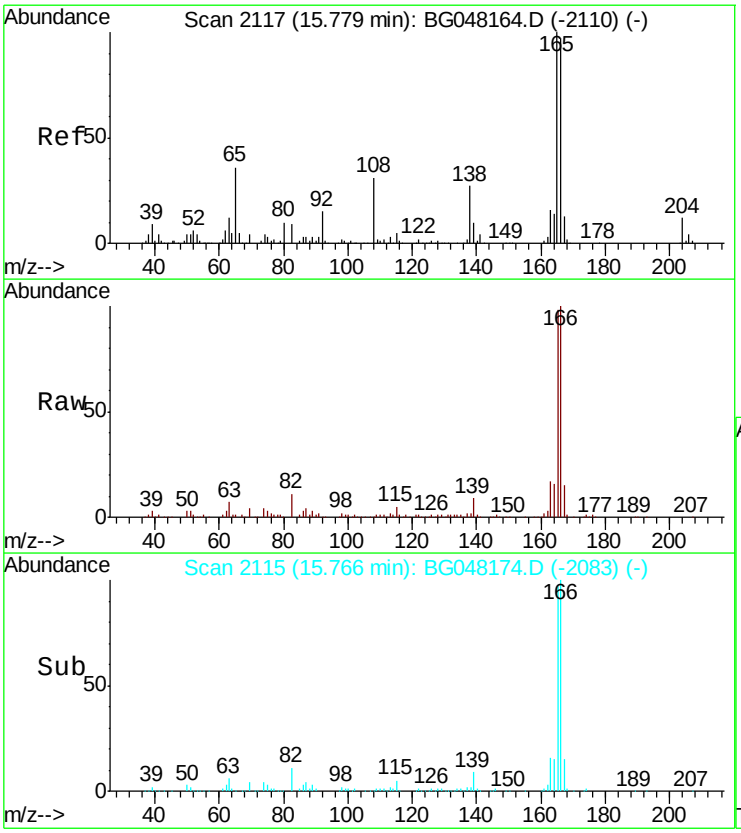
#59
Fluorene
Concen: 14.279 ng/ul
RT: 15.77 min Scan# 2116
Delta R.T. 0.01 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Instrument :
BNA_G
ClientSampleId :
DBGJ8MS

Tgt Ion:166 Resp: 184594

Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.4	119.0
167	13.2	10.6	16.0

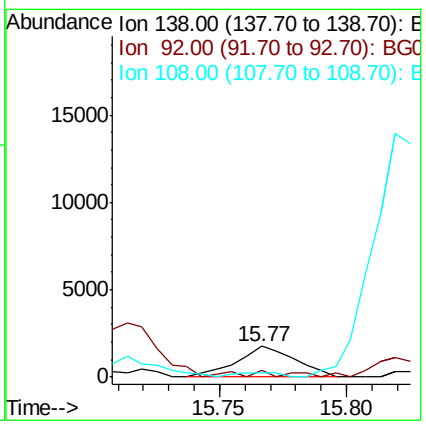


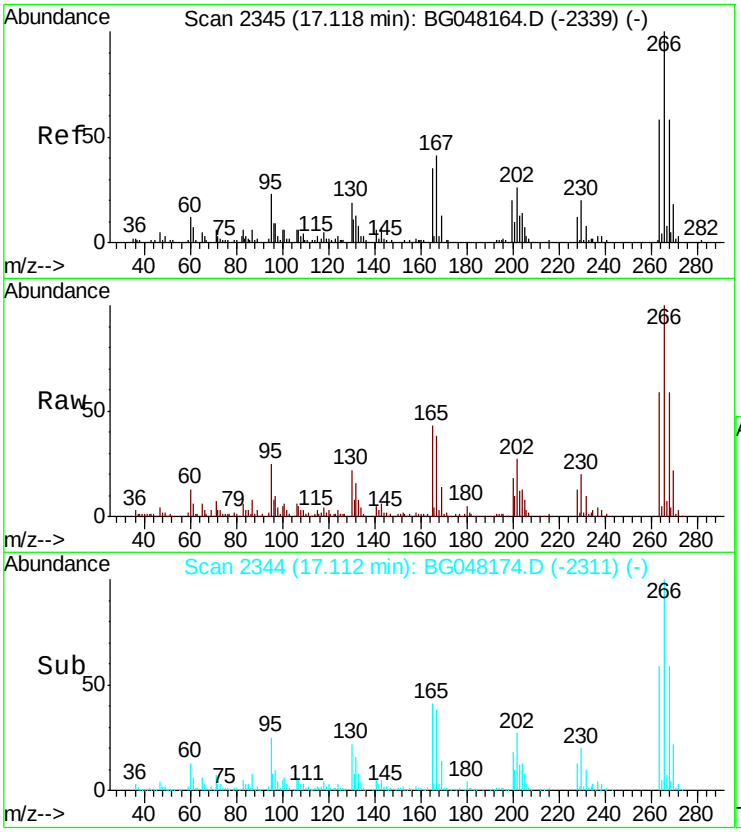


#61
4-Nitroaniline
Concen: 1.023 ng/ul
RT: 15.77 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Tgt Ion:138 Resp: 2819

Ion	Ratio	Lower	Upper
138	100		
92	21.1	45.8	68.8#
108	12.3	86.5	129.7#



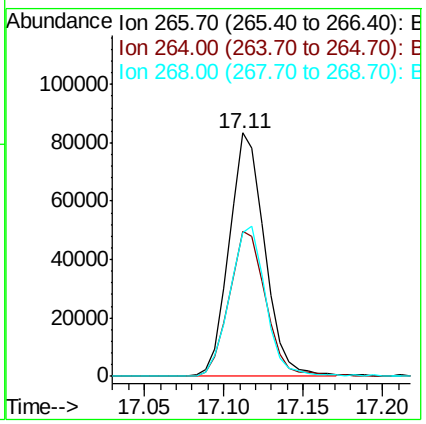


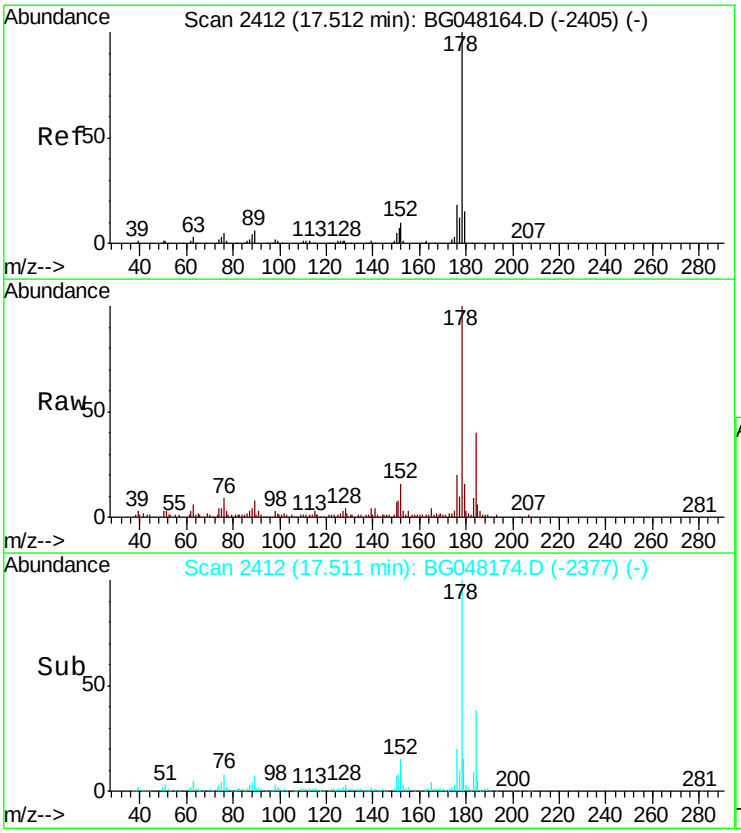
#69
Pentachlorophenol
Concen: 40.379 ng/ul
RT: 17.11 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Instrument :
BNA_G
ClientSampleId :
DBGJ8MS

Tgt Ion:266 Resp: 129112

Ion	Ratio	Lower	Upper
266	100		
264	59.5	55.0	82.4
268	59.1	41.0	61.4

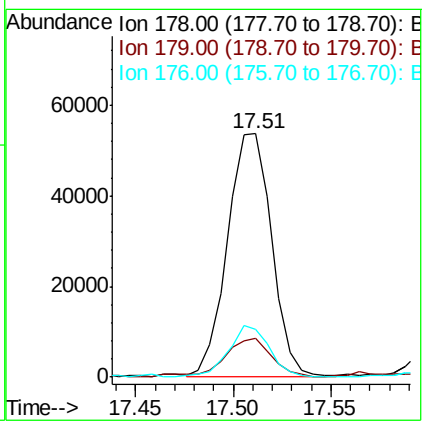


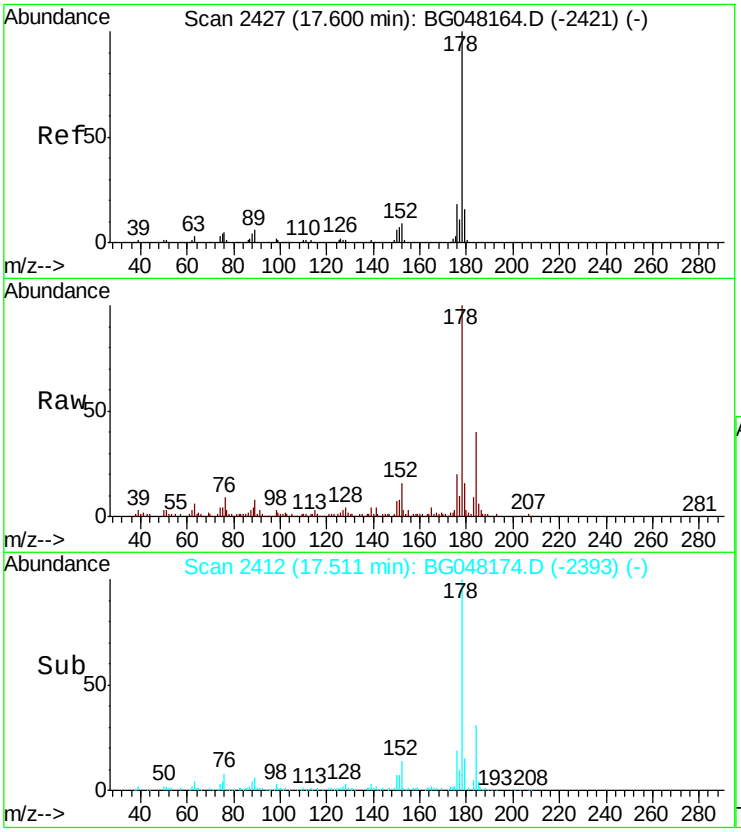


#70
Phenanthrene
Concen: 3.676 ng/ul
RT: 17.51 min Scan# 2412
Delta R.T. 0.01 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Tgt Ion:178 Resp: 84412

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.0	18.0
176	19.6	14.9	22.3



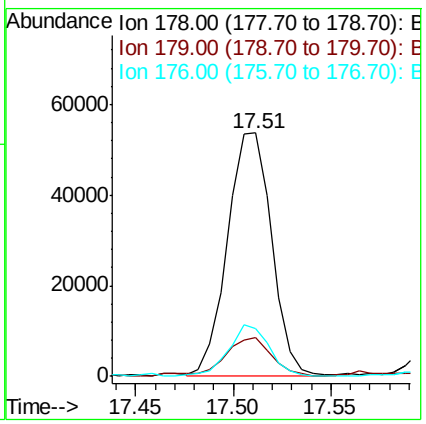


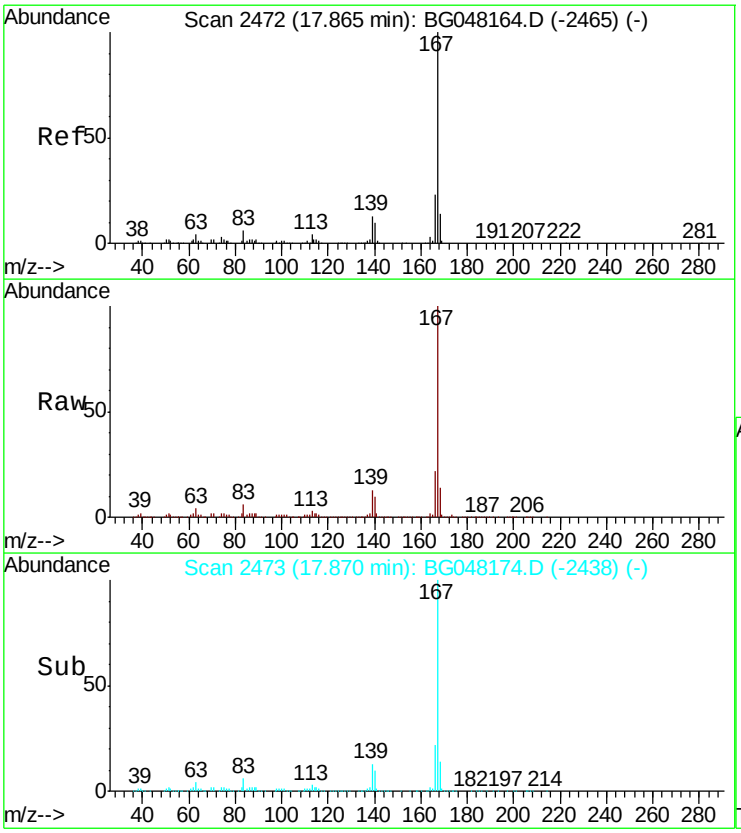
#72
Anthracene
Concen: 3.644 ng/ul
RT: 17.51 min Scan# 2412
Delta R.T. -0.09 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Instrument :
BNA_G
ClientSampleId :
DBGJ8MS

Tgt Ion:178 Resp: 84412

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	19.6	15.1	22.7

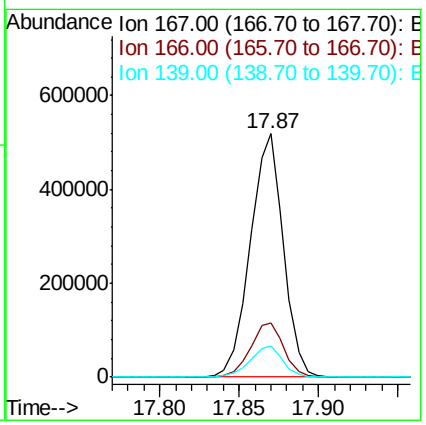


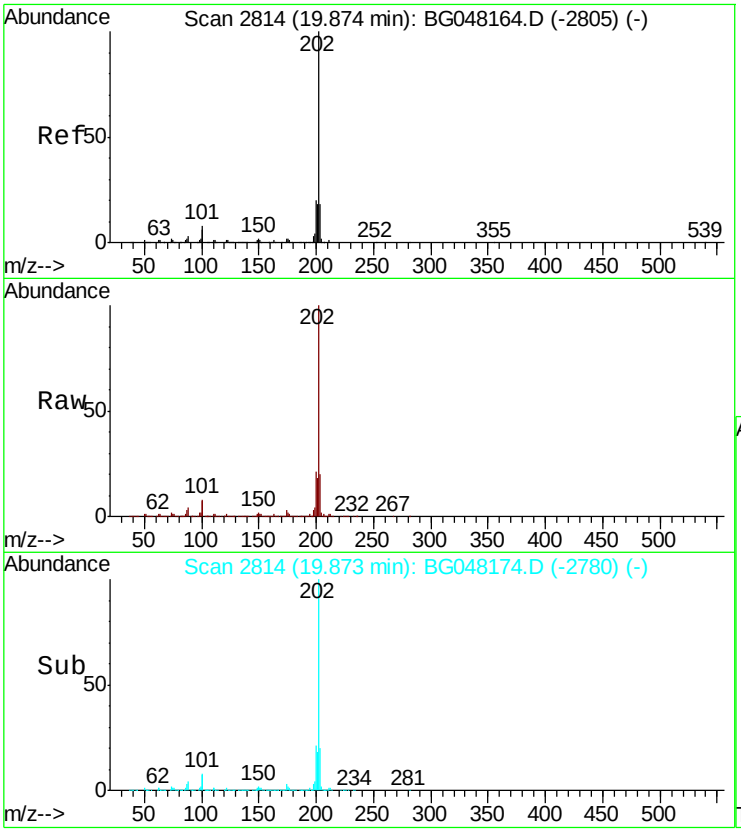


#75
Carbazole
Concen: 38.761 ng/ul
RT: 17.87 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Tgt Ion:167 Resp: 750880

Ion	Ratio	Lower	Upper
167	100		
166	22.4	16.2	24.2
139	12.7	9.6	14.4





#80
Pyrene
Concen: 31.010 ng/ul
RT: 19.87 min Scan# 2814
Delta R.T. 0.00 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Instrument :
BNA_G
ClientSampleId :
DBGJ8MS

Tgt Ion:202 Resp: 945772

Ion	Ratio	Lower	Upper
202	100		
101	8.1	5.6	8.4
100	6.9	5.2	7.8