Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
Data File : BG061204.D
Acq On : 15 May 2024 13:37
Operator : MA/JU
Sample : P2444-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-DD

Quant Time: May 15 14:12:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

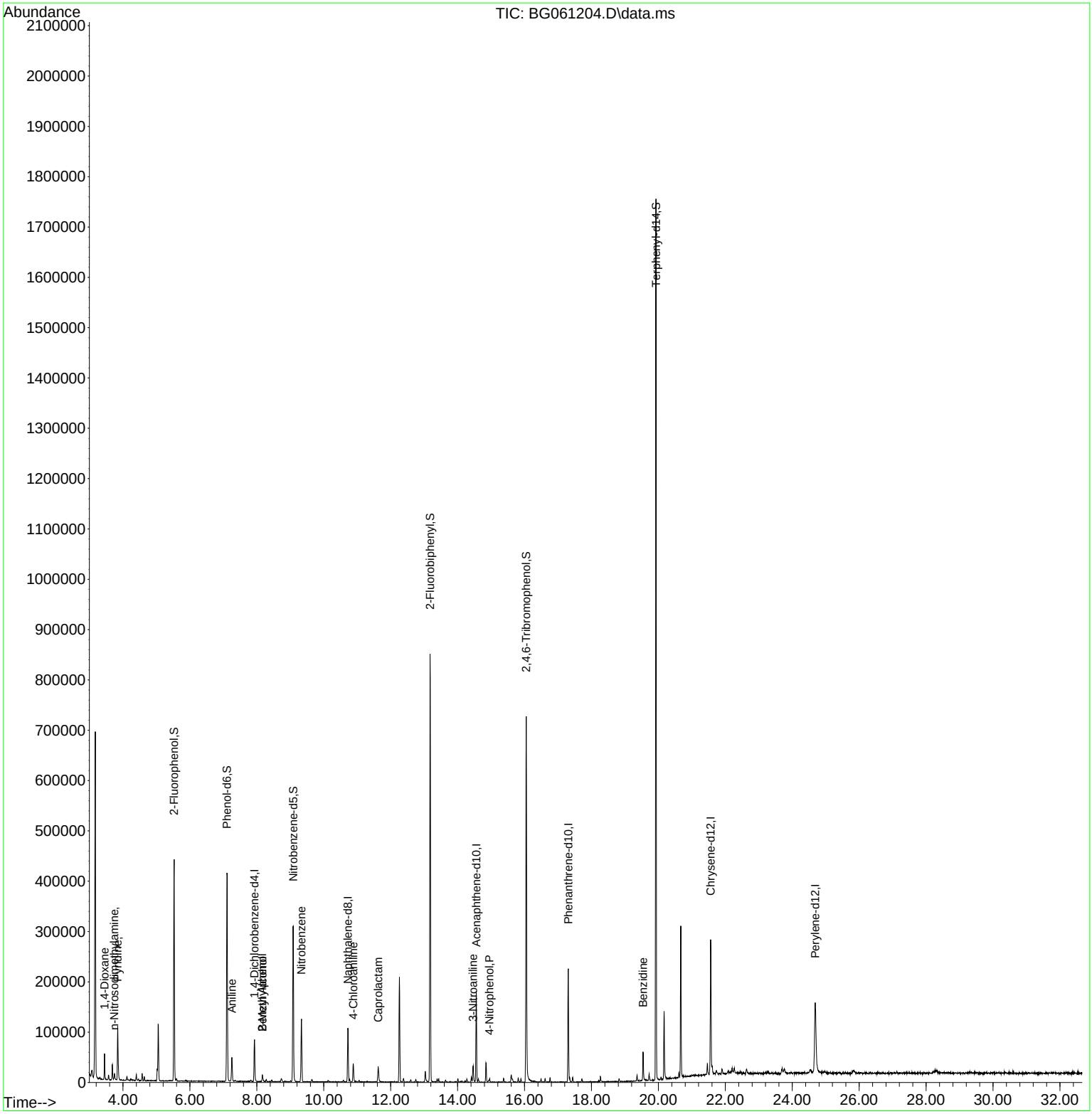
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	21100	20.000	ng	-0.04
21) Naphthalene-d8	10.721	136	83373	20.000	ng	-0.04
39) Acenaphthene-d10	14.558	164	63390	20.000	ng	-0.03
64) Phenanthrene-d10	17.308	188	155470	20.000	ng	-0.02
76) Chrysene-d12	21.562	240	161090	20.000	ng	-0.03
86) Perylene-d12	24.687	264	187967	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	149529	144.124	ng	-0.02
7) Phenol-d6	7.108	99	186927	121.793	ng	-0.02
23) Nitrobenzene-d5	9.088	82	161697	96.142	ng	-0.03
42) 2,4,6-Tribromophenol	16.050	330	168736	133.172	ng	-0.02
45) 2-Fluorobiphenyl	13.177	172	432953	100.996	ng	-0.03
79) Terphenyl-d14	19.928	244	912836	94.244	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	2245	5.352	ng	# 1
3) Pyridine	3.841	79	35131	28.460	ng	92
4) n-Nitrosodimethylamine	3.741	42	8198	6.912	ng	# 96
6) Aniline	7.255	93	24400	16.037	ng	93
9) Benzaldehyde	7.061	77	421	Below Cal		# 59
15) Benzyl Alcohol	8.171	79	5531	3.995	ng	98
17) 2-Methylphenol	8.160	107	2434	2.188	ng	# 44
24) Nitrobenzene	9.335	77	45953	27.930	ng	# 45
33) 4-Chloroaniline	10.880	127	17215	9.962	ng	96
35) Caprolactam	11.626	113	4337	8.552	ng	98
53) 3-Nitroaniline	14.464	138	8010	8.359	ng	# 97
56) 4-Nitrophenol	14.952	139	2012	2.598	ng	# 1
77) Benzidine	19.540	184	38686	14.681	ng	96

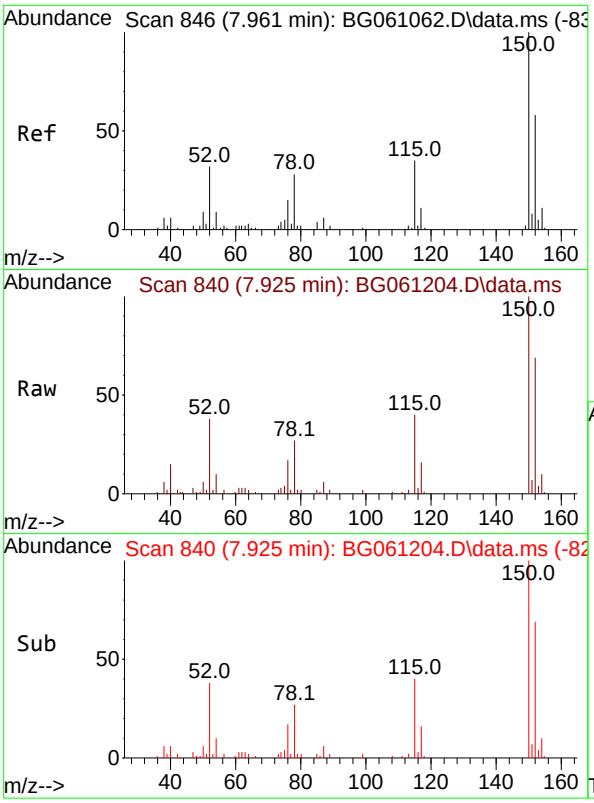
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
Data File : BG061204.D
Acq On : 15 May 2024 13:37
Operator : MA/JU
Sample : P2444-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-DD

Quant Time: May 15 14:12:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration



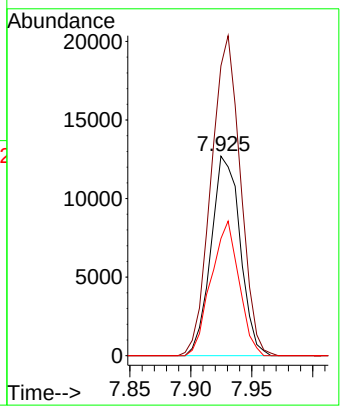


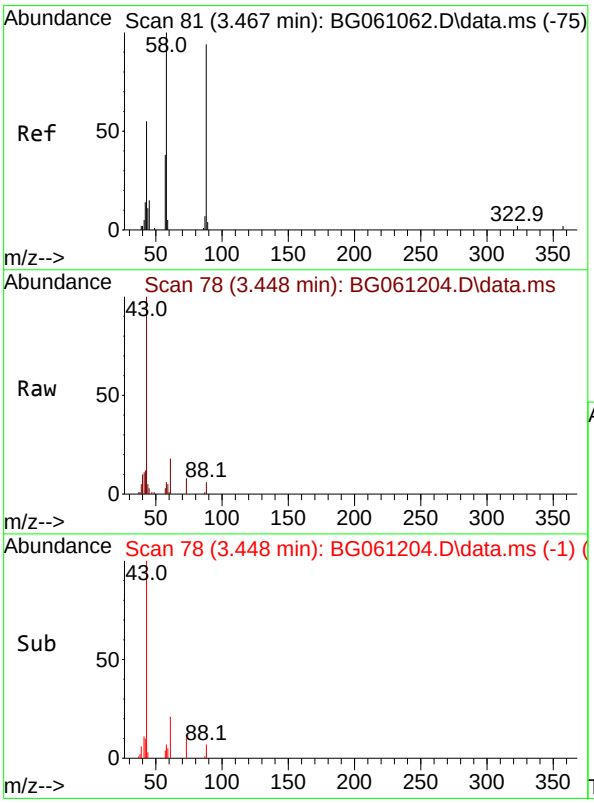
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 84
Delta R.T. -0.036 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
WC-DD

Tgt Ion:152 Resp: 21100

Ion	Ratio	Lower	Upper
152	100		
150	145.2	138.3	207.5
115	58.6	48.0	72.0

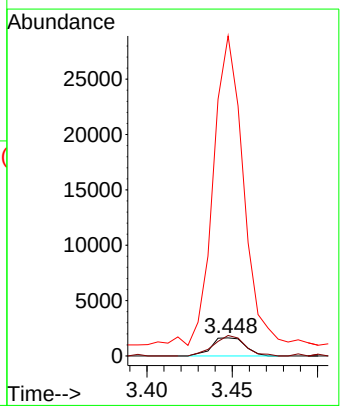


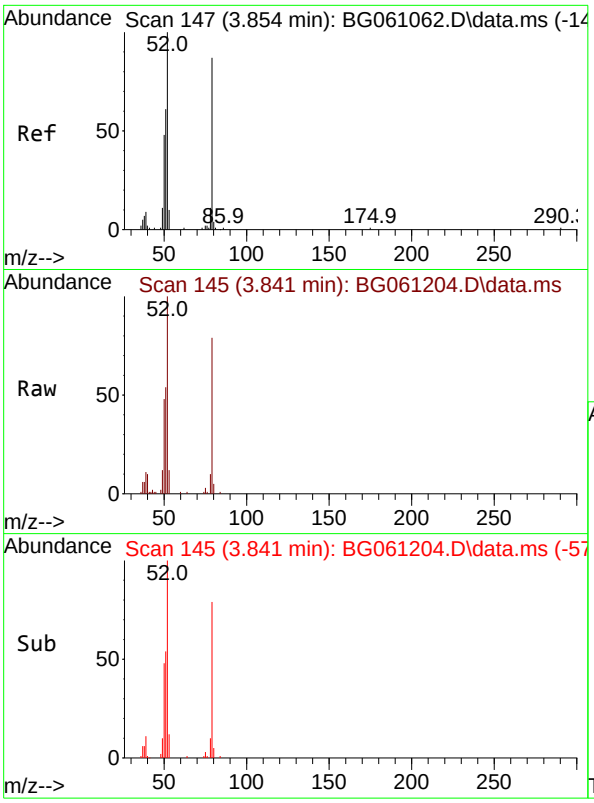


#2
1,4-Dioxane
Concen: 5.352 ng
RT: 3.448 min Scan# 78
Delta R.T. -0.019 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Tgt Ion: 88 Resp: 2245

Ion	Ratio	Lower	Upper
88	100		
58	104.7	81.2	121.8
43	1545.0	45.0	67.4#



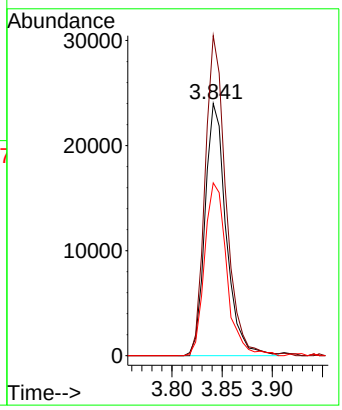


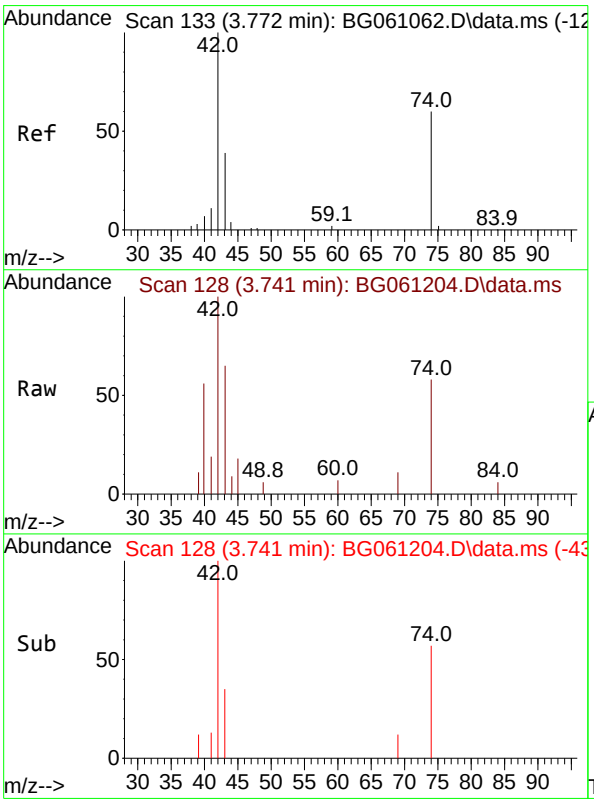
#3
Pyridine
Concen: 28.460 ng
RT: 3.841 min Scan# 14
Delta R.T. -0.013 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
WC-DD

Tgt Ion: 79 Resp: 35131

Ion	Ratio	Lower	Upper
79	100		
52	126.9	91.6	137.4
51	68.5	57.0	85.4

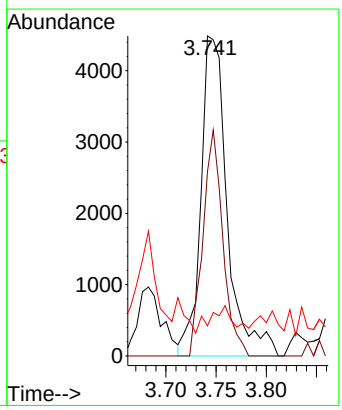


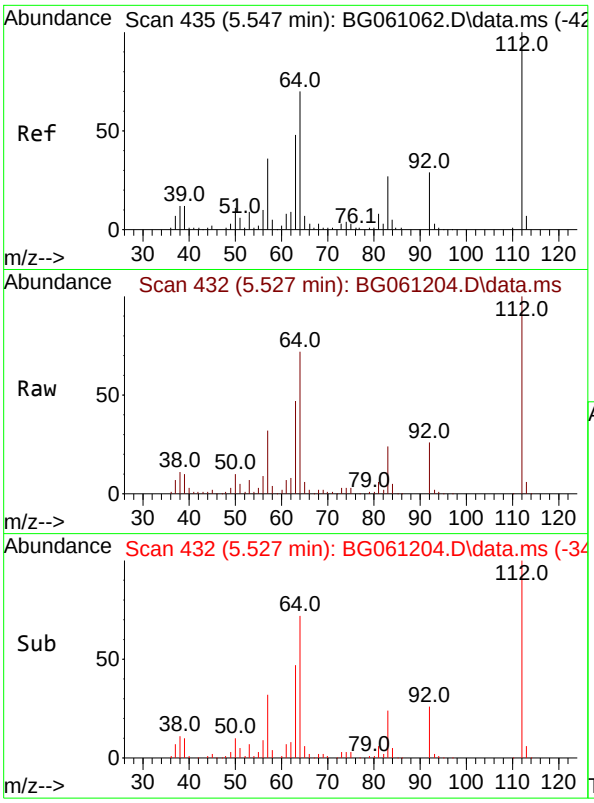


#4
n-Nitrosodimethylamine
Concen: 6.912 ng
RT: 3.741 min Scan# 128
Delta R.T. -0.031 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Tgt Ion: 42 Resp: 8198

Ion	Ratio	Lower	Upper
42	100		
74	57.6	47.8	71.8
44	9.4	4.7	7.1#



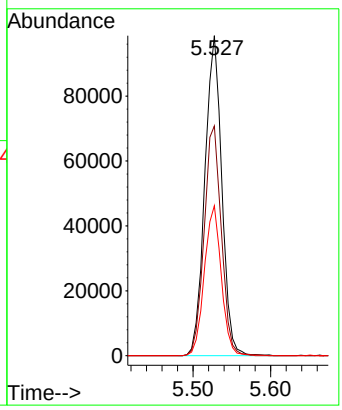


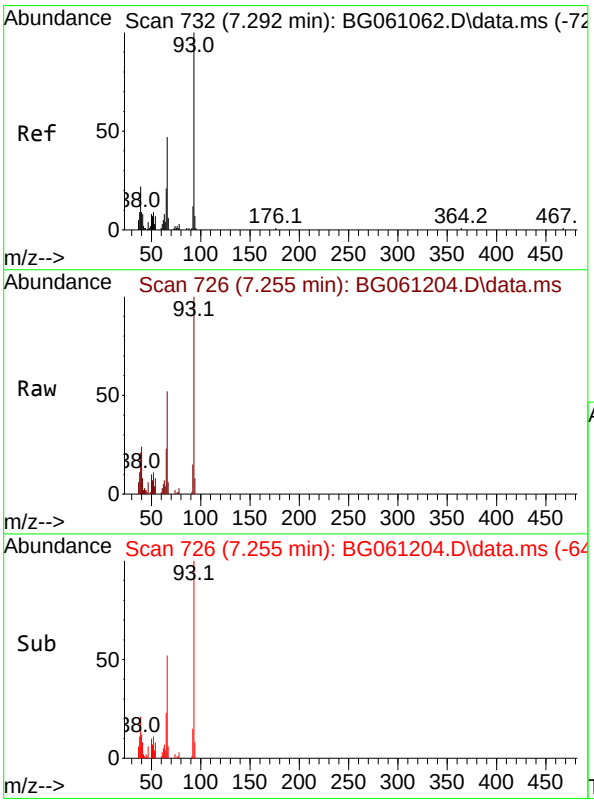
#5
2-Fluorophenol
Concen: 144.124 ng
RT: 5.527 min Scan# 4
Delta R.T. -0.019 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
WC-DD

Tgt Ion:112 Resp: 149529

Ion	Ratio	Lower	Upper
112	100		
64	71.8	55.7	83.5
63	46.8	38.1	57.1

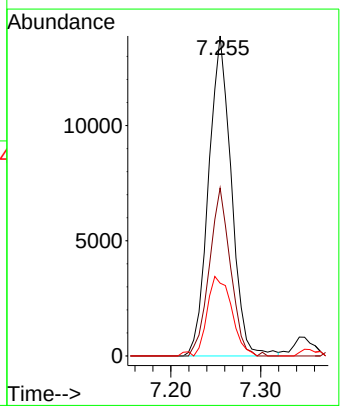


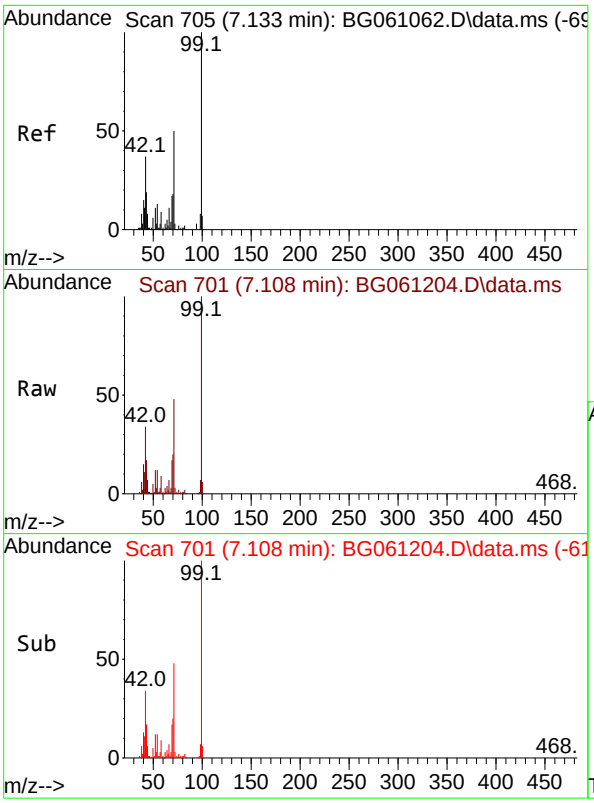


#6
Aniline
Concen: 16.037 ng
RT: 7.255 min Scan# 726
Delta R.T. -0.037 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Tgt Ion: 93 Resp: 24400

Ion	Ratio	Lower	Upper
93	100		
66	52.5	37.4	56.0
65	22.7	16.6	24.8



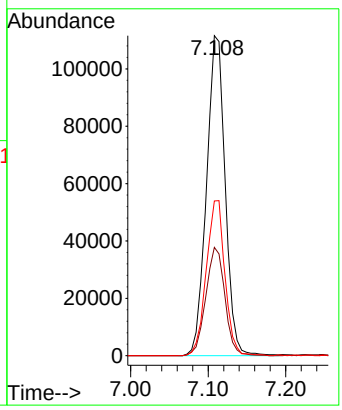


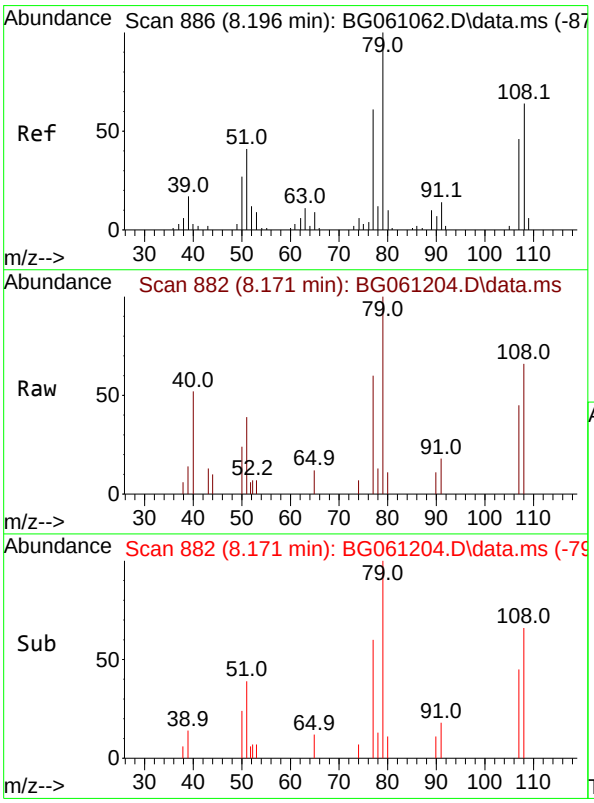
#7
Phenol-d6
Concen: 121.793 ng
RT: 7.108 min Scan# 7
Delta R.T. -0.025 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
WC-DD

Tgt Ion: 99 Resp: 186927

Ion	Ratio	Lower	Upper
99	100		
42	33.9	29.2	43.8
71	48.4	39.7	59.5

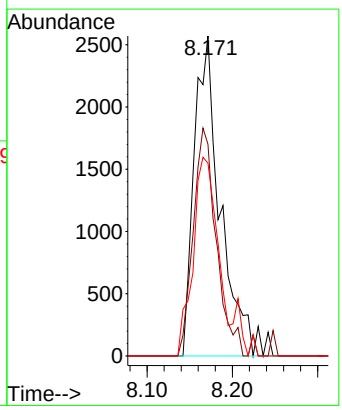


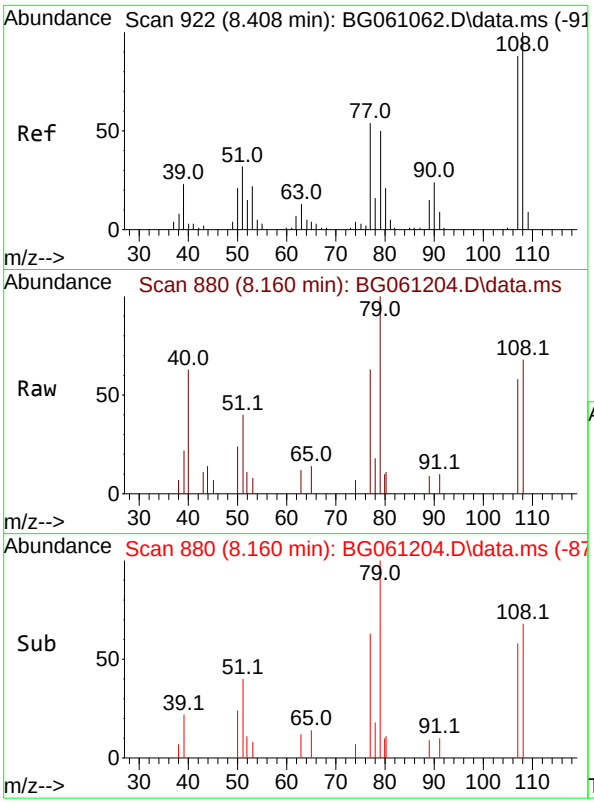


#15
Benzyl Alcohol
Concen: 3.995 ng
RT: 8.171 min Scan# 882
Delta R.T. -0.025 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Tgt Ion: 79 Resp: 5531

Ion	Ratio	Lower	Upper
79	100		
108	66.2	51.1	76.7
77	60.2	49.0	73.6



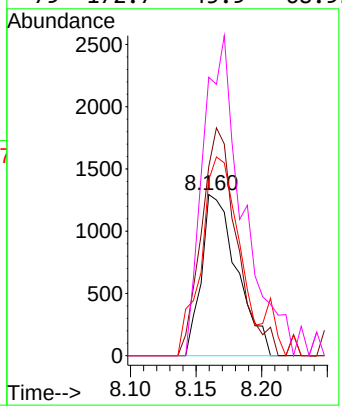


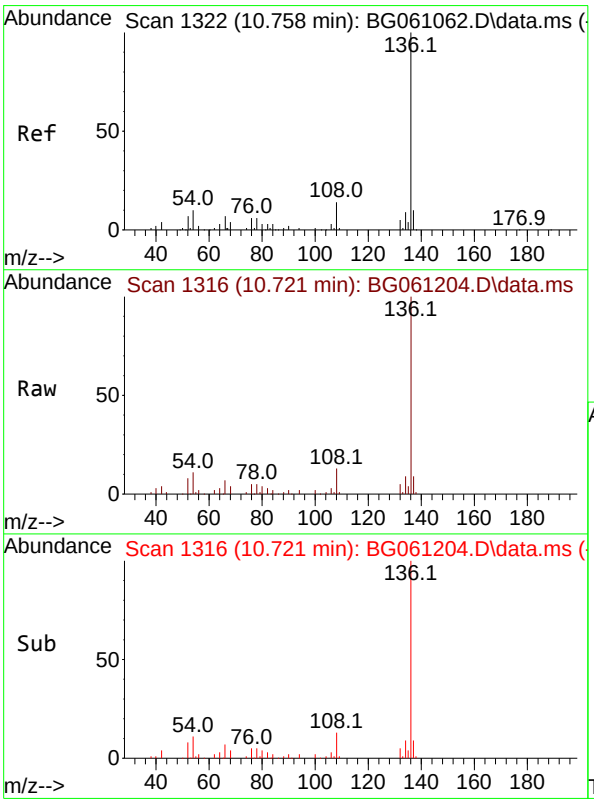
#17
2-Methylphenol
Concen: 2.188 ng
RT: 8.160 min Scan# 8
Delta R.T. -0.248 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
WC-DD

Tgt Ion:107 Resp: 2434

Ion	Ratio	Lower	Upper
107	100		
108	117.2	91.4	137.2
77	109.1	49.4	74.2#
79	172.7	45.9	68.9#

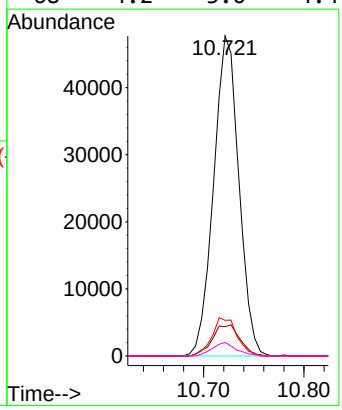


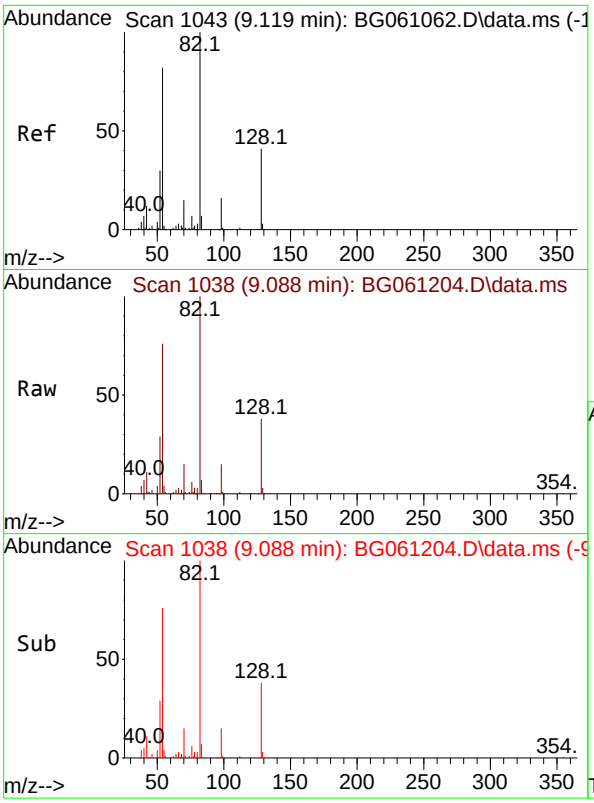


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.721 min Scan# 1316
Delta R.T. -0.037 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Tgt Ion:136 Resp: 83373

Ion	Ratio	Lower	Upper
136	100		
137	9.2	7.8	11.6
54	11.2	8.1	12.1
68	4.2	3.0	4.4



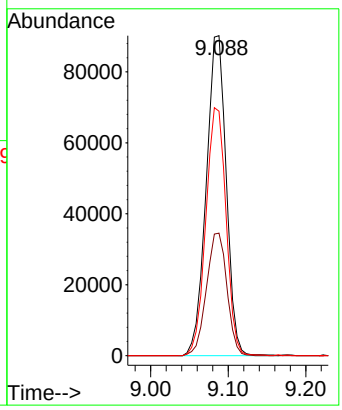


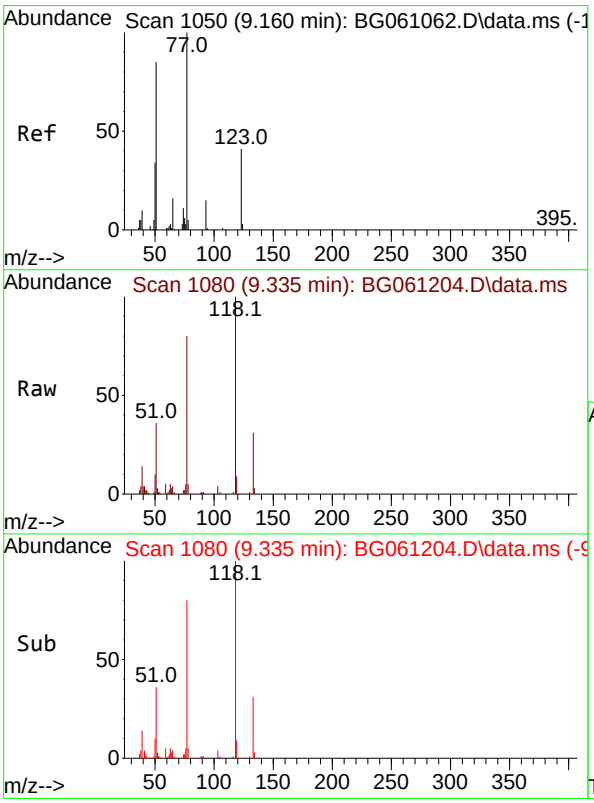
#23
Nitrobenzene-d5
Concen: 96.142 ng
RT: 9.088 min Scan# 1
Delta R.T. -0.031 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
WC-DD

Tgt Ion: 82 Resp: 161697

Ion	Ratio	Lower	Upper
82	100		
128	38.3	32.7	49.1
54	76.4	65.6	98.4

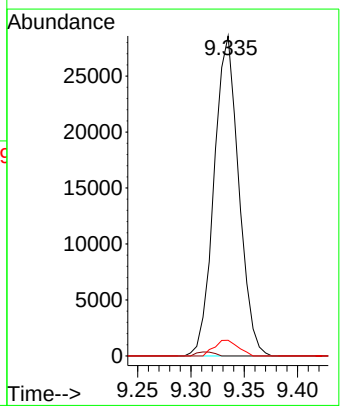


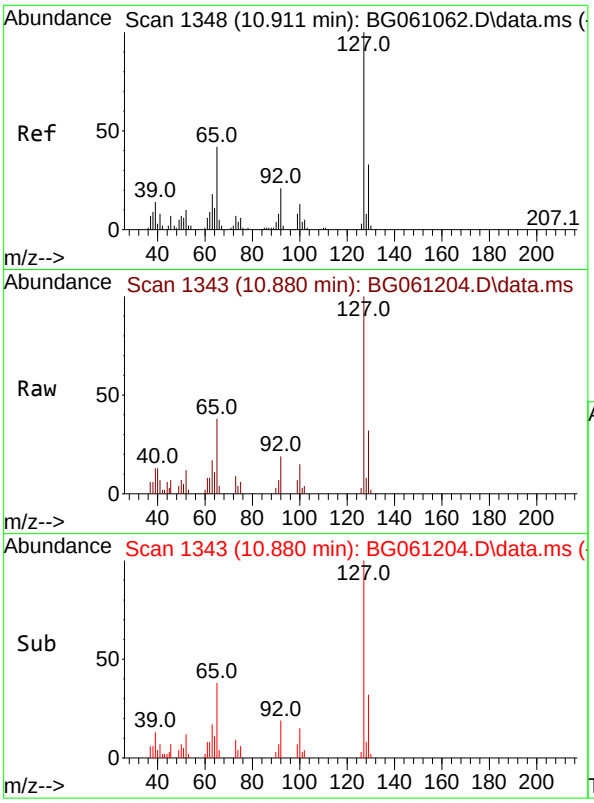


#24
Nitrobenzene
Concen: 27.930 ng
RT: 9.335 min Scan# 1080
Delta R.T. 0.175 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Tgt Ion: 77 Resp: 45953

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.1	49.7#
65	4.9	13.1	19.7#



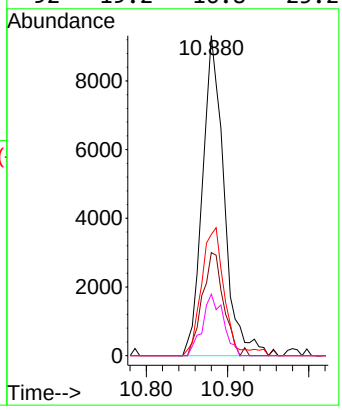


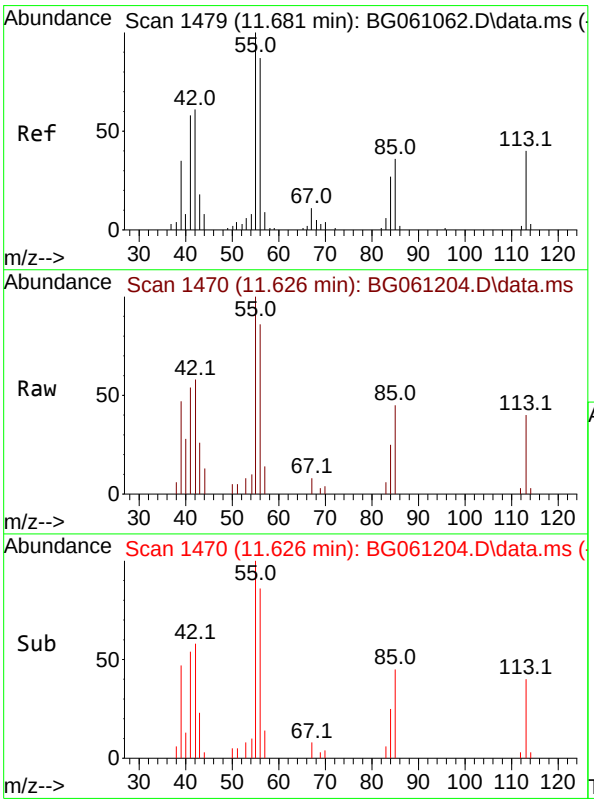
#33
4-Chloroaniline
Concen: 9.962 ng
RT: 10.880 min Scan# 1
Delta R.T. -0.031 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
WC-DD

Tgt Ion:127 Resp: 17215

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	37.9	33.6	50.4
92	19.2	16.8	25.2

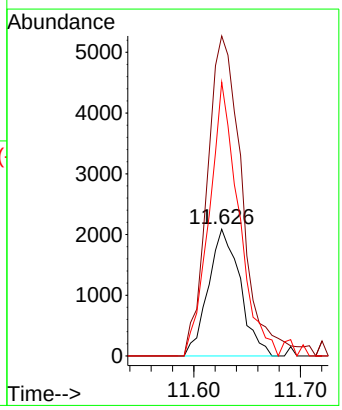


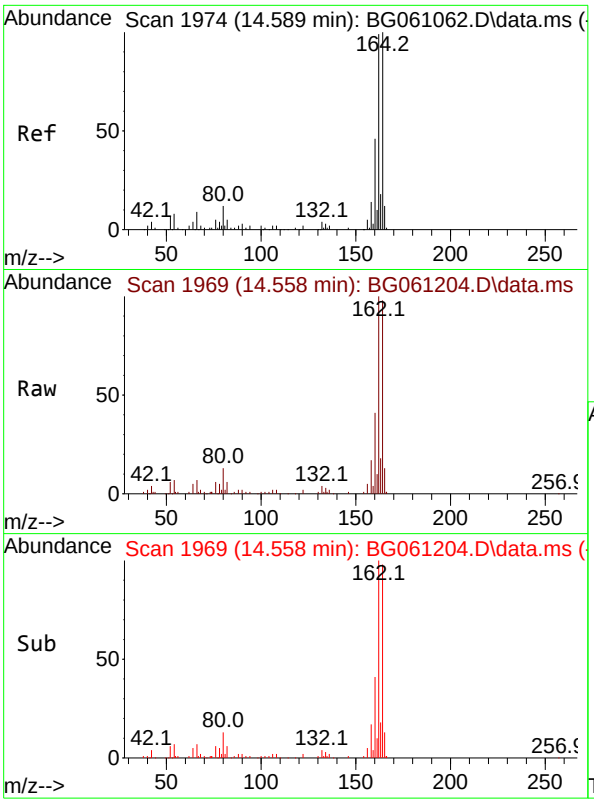


#35
Caprolactam
Concen: 8.552 ng
RT: 11.626 min Scan# 1470
Delta R.T. -0.054 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Tgt Ion:113 Resp: 4337

Ion	Ratio	Lower	Upper
113	100		
55	252.4	227.6	267.6
56	215.9	195.1	235.1



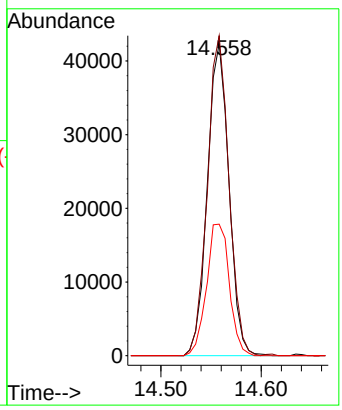


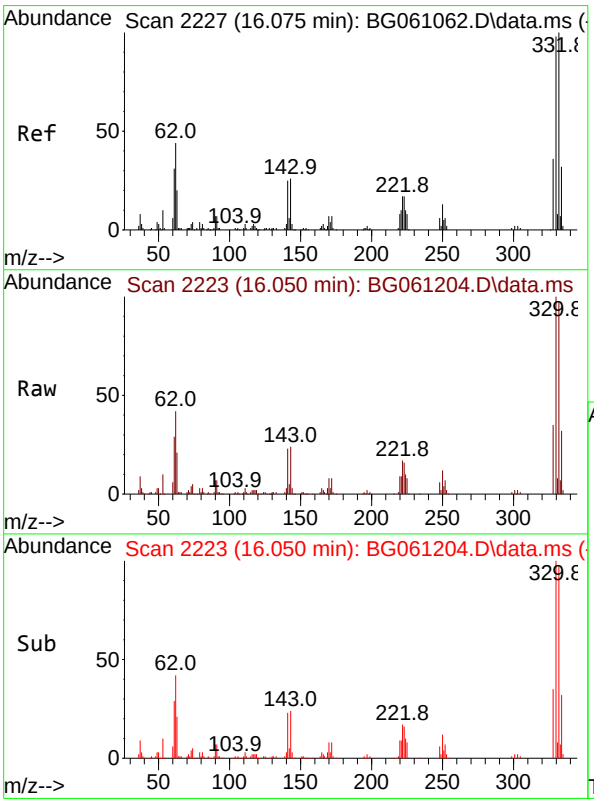
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.558 min Scan# 1
Delta R.T. -0.031 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
WC-DD

Tgt Ion:164 Resp: 63390

Ion	Ratio	Lower	Upper
164	100		
162	102.5	79.4	119.2
160	42.2	37.0	55.6

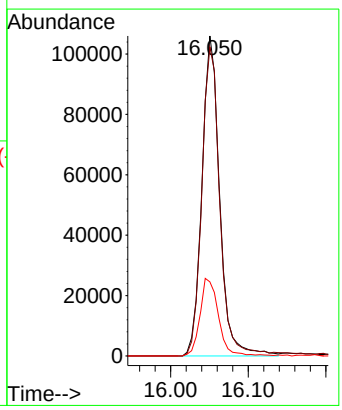


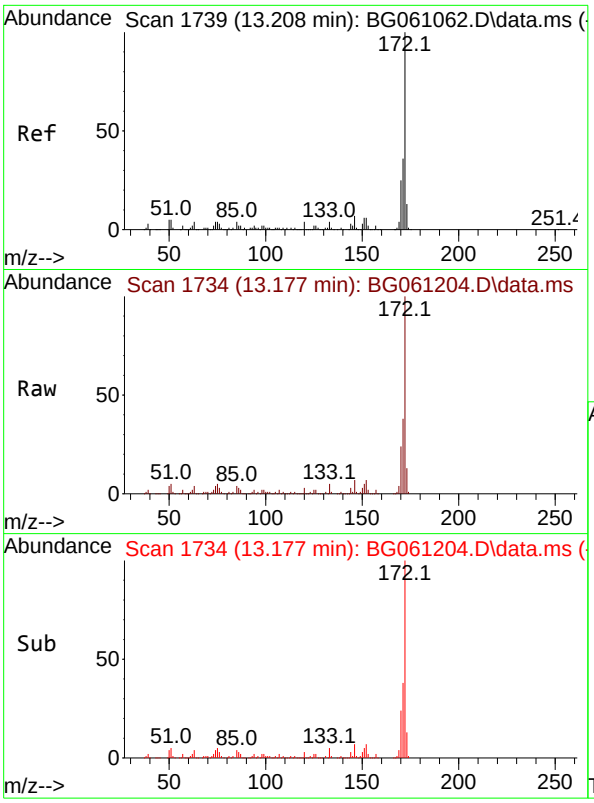


#42
2,4,6-Tribromophenol
Concen: 133.172 ng
RT: 16.050 min Scan# 2223
Delta R.T. -0.025 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Tgt Ion:330 Resp: 168736

Ion	Ratio	Lower	Upper
330	100		
332	99.4	78.6	117.8
141	25.2	20.5	30.7



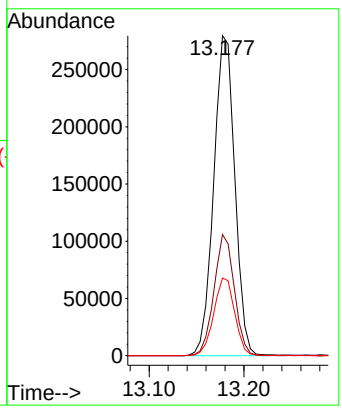


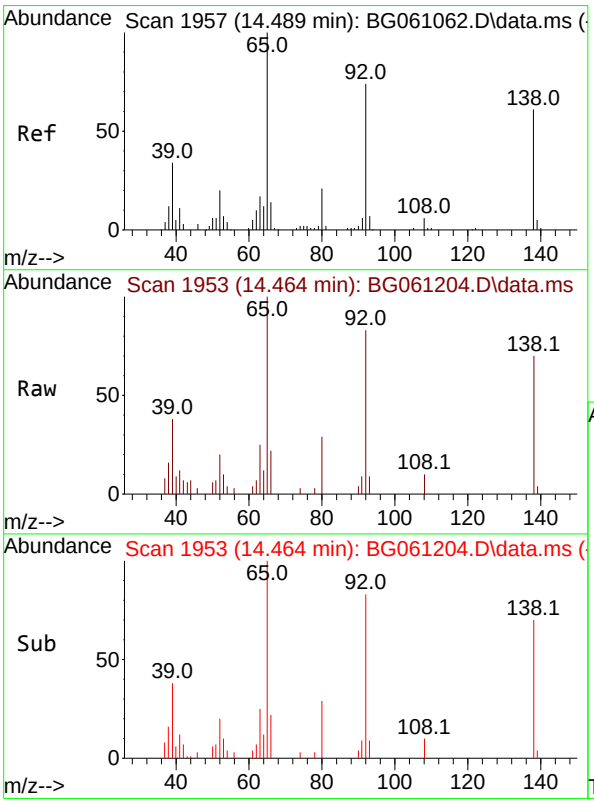
#45
2-Fluorobiphenyl
Concen: 100.996 ng
RT: 13.177 min Scan# 1
Delta R.T. -0.031 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
WC-DD

Tgt Ion:172 Resp: 432953

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.0	43.6
170	24.3	20.2	30.4

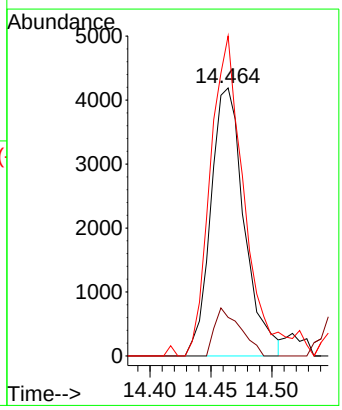


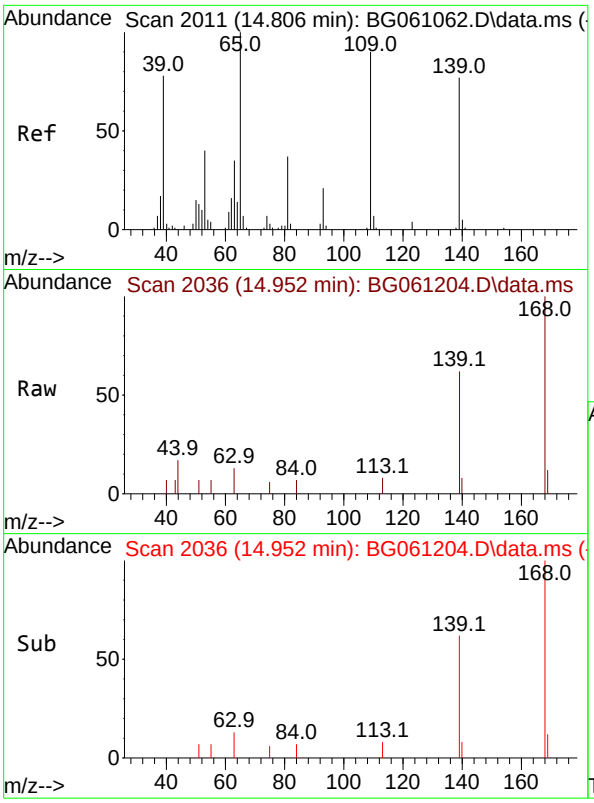


#53
3-Nitroaniline
Concen: 8.359 ng
RT: 14.464 min Scan# 1953
Delta R.T. -0.025 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Tgt Ion:138 Resp: 8010

Ion	Ratio	Lower	Upper
138	100		
108	14.4	8.2	12.2#
92	119.4	98.0	147.0



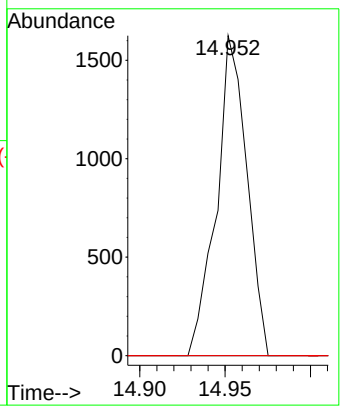


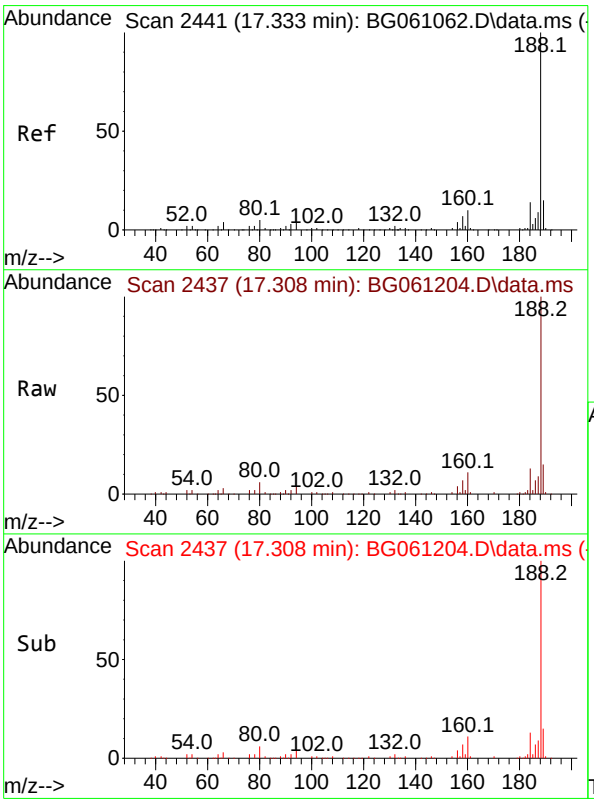
#56
4-Nitrophenol
Concen: 2.598 ng
RT: 14.952 min Scan# 2
Delta R.T. 0.145 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
WC-DD

Tgt Ion:139 Resp: 2012

Ion	Ratio	Lower	Upper
139	100		
109	0.0	97.7	137.7#
65	0.0	110.7	150.7#

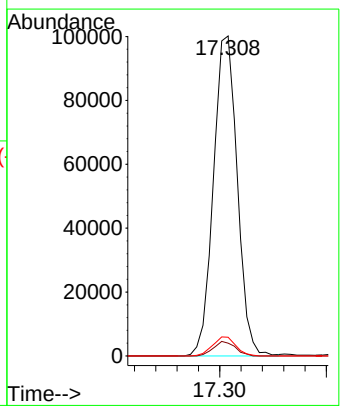


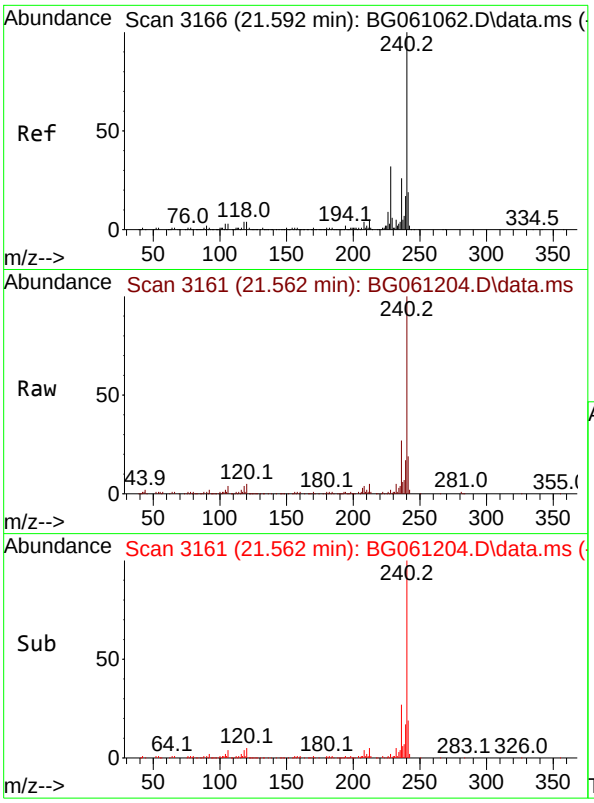


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.308 min Scan# 2437
Delta R.T. -0.025 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Tgt Ion:188 Resp: 155470

Ion	Ratio	Lower	Upper
188	100		
94	4.0	3.6	5.4
80	5.9	4.2	6.2



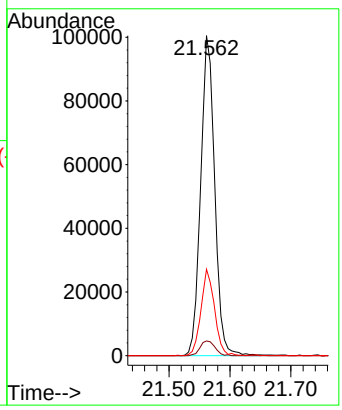


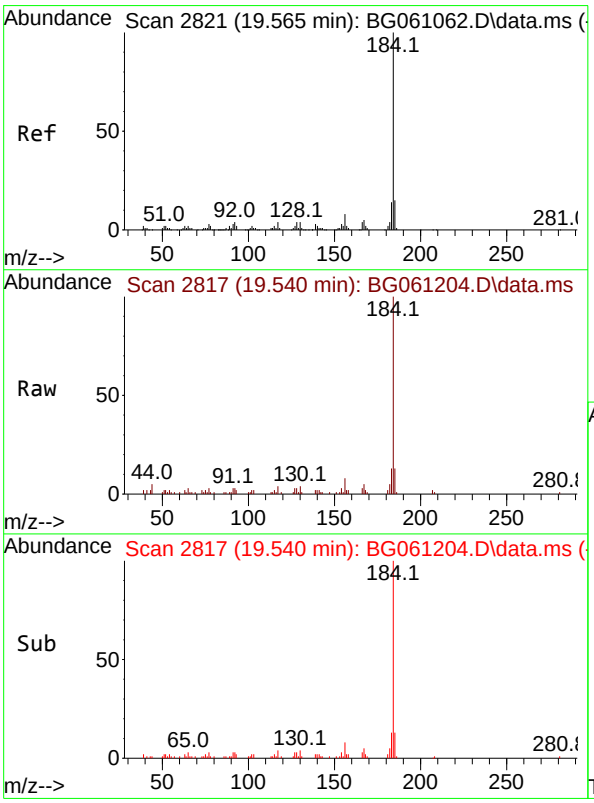
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.562 min Scan# 3
Delta R.T. -0.031 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
WC-DD

Tgt Ion:240 Resp: 161090

Ion	Ratio	Lower	Upper
240	100		
120	4.6	3.2	4.8
236	27.0	21.0	31.6

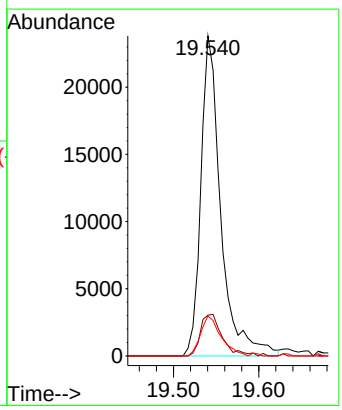


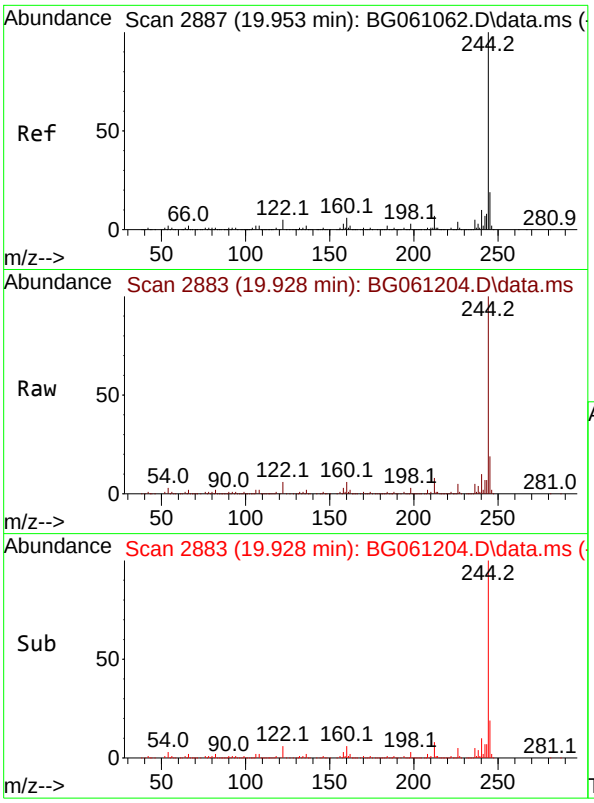


#77
Benzidine
Concen: 14.681 ng
RT: 19.540 min Scan# 2817
Delta R.T. -0.025 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Tgt Ion:184 Resp: 38686

Ion	Ratio	Lower	Upper
184	100		
185	12.8	12.0	18.0
183	12.5	10.9	16.3



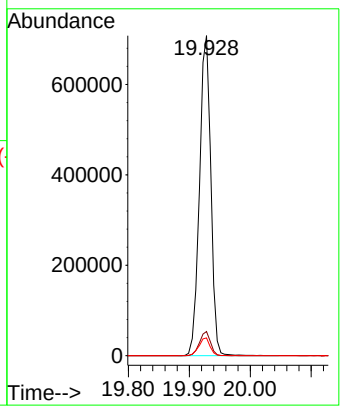


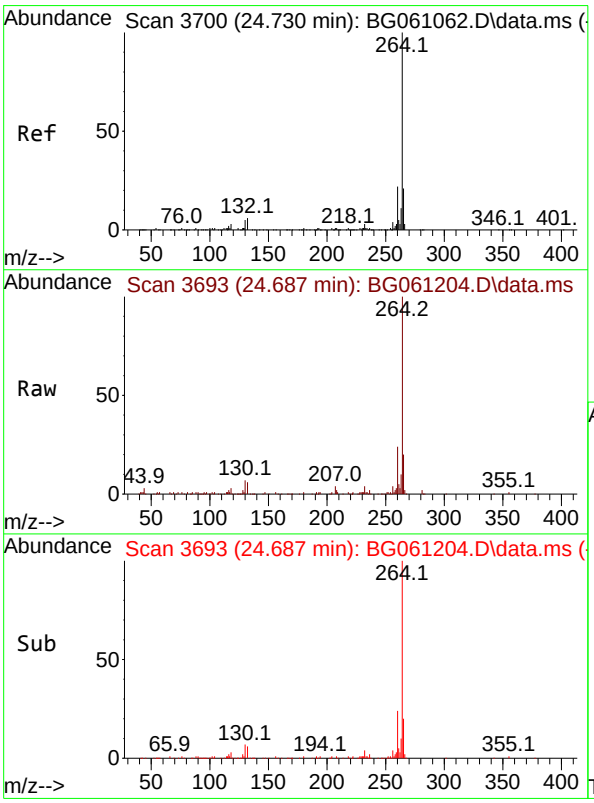
#79
Terphenyl-d14
Concen: 94.244 ng
RT: 19.928 min Scan# 2
Delta R.T. -0.025 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Instrument :
BNA_G
ClientSampleId :
WC-DD

Tgt Ion:244 Resp: 912836

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	5.6	4.2	6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.687 min Scan# 3693
Delta R.T. -0.043 min
Lab File: BG061204.D
Acq: 15 May 2024 13:37

Tgt Ion:264 Resp: 187967

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.7	26.5
265	20.4	16.4	24.6