Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060056.D
Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Time: Dec 18 00:10:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 01:47:12 2023
Response via : Initial Calibration

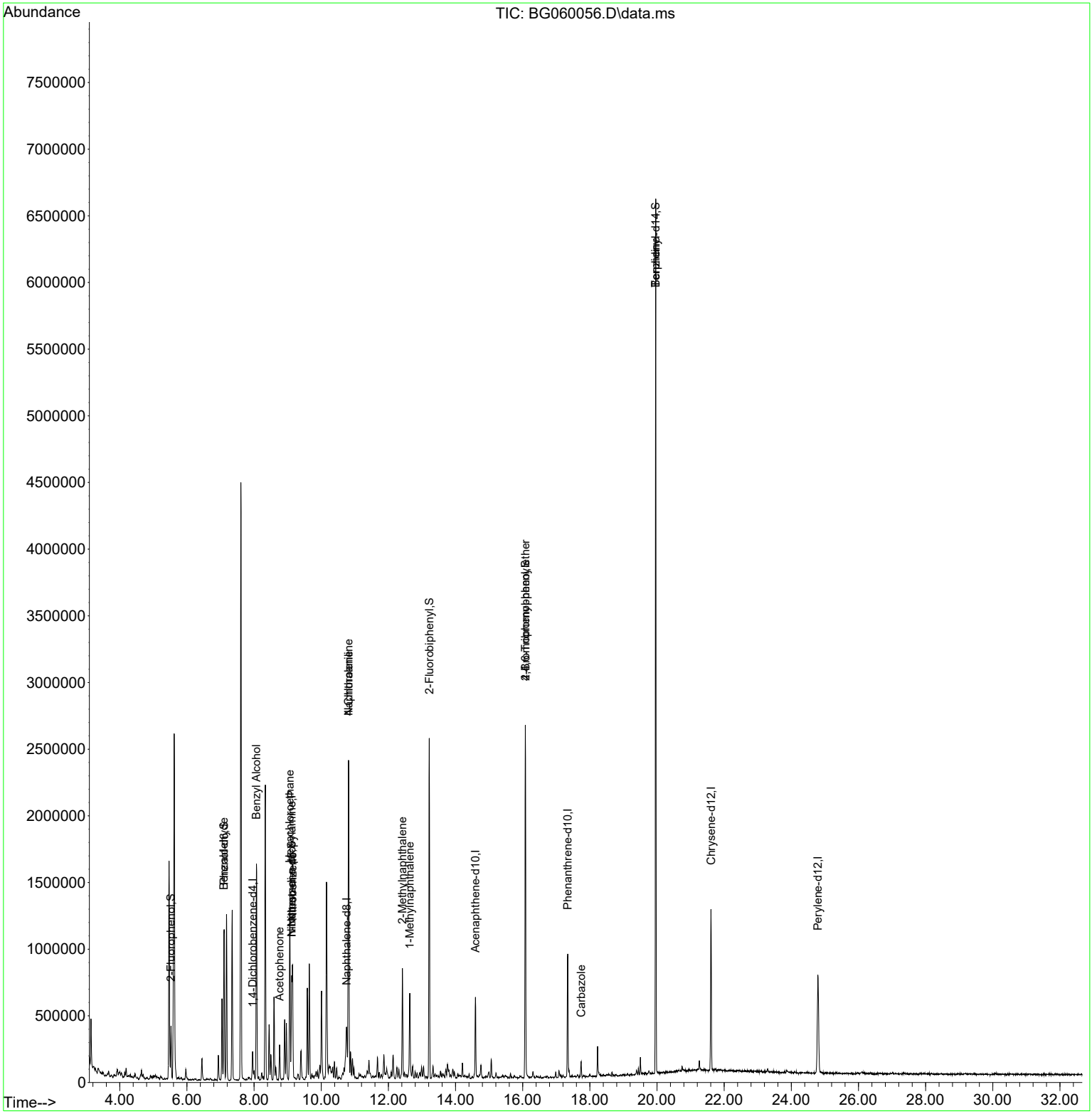
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	61624	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	252945	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	220412	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	647270	20.000	ng	0.00
76) Chrysene-d12	21.607	240	780069	20.000	ng	0.00
86) Perylene-d12	24.791	264	889592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	142012	39.449	ng	0.00
7) Phenol-d6	7.106	99	118101	23.323	ng	0.00
23) Nitrobenzene-d5	9.116	82	410262	73.649	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	633168	123.265	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1378158	76.526	ng	0.00
79) Terphenyl-d14	19.962	244	3431010	80.301	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.100	77	78961	25.645	ng	# 1
15) Benzyl Alcohol	8.070	79	91418	22.462	ng	# 11
18) Hexachloroethane	9.063	117	152785	106.251	ng	# 1
19) n-Nitroso-di-n-propyla...	9.116	70	59863	18.324	ng	# 78
22) Acetophenone	8.757	105	175221	23.771	ng	# 57
24) Nitrobenzene	9.145	77	33495	5.923	ng	# 10
31) Naphthalene	10.814	128	1644116	124.859	ng	98
33) 4-Chloroaniline	10.814	127	222749	44.458	ng	# 29
37) 2-Methylnaphthalene	12.418	142	359055	34.766	ng	98
38) 1-Methylnaphthalene	12.635	142	243694	23.888	ng	100
67) 4-Bromophenyl-phenylether	16.078	248	38537	4.220	ng	# 1
69) Atrazine	16.766	200	184	Below Cal		# 13
73) Carbazole	17.741	167	80764	3.015	ng	99
77) Benzidine	19.962	184	55171	5.506	ng	# 91

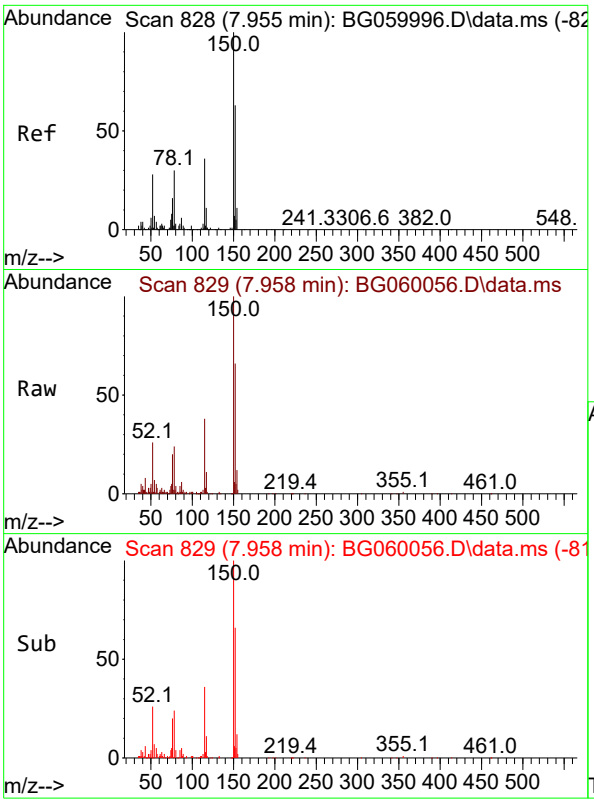
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060056.D
Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Time: Dec 18 00:10:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 01:47:12 2023
Response via : Initial Calibration



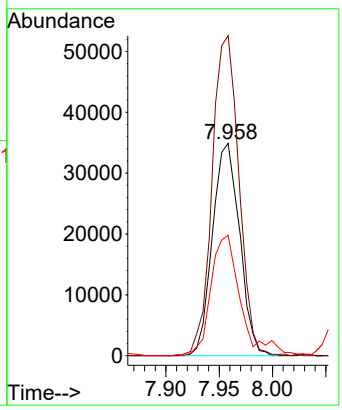


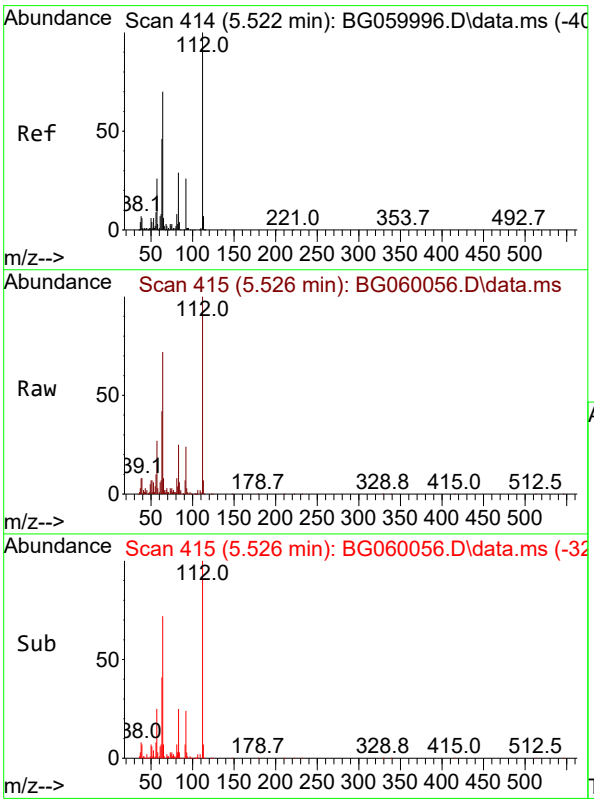
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 8
Delta R.T. 0.003 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 61624

Ion	Ratio	Lower	Upper
152	100		
150	150.8	127.0	190.6
115	56.8	45.7	68.5

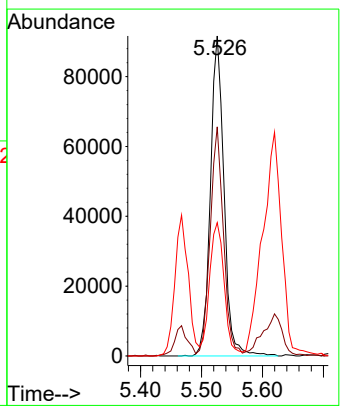


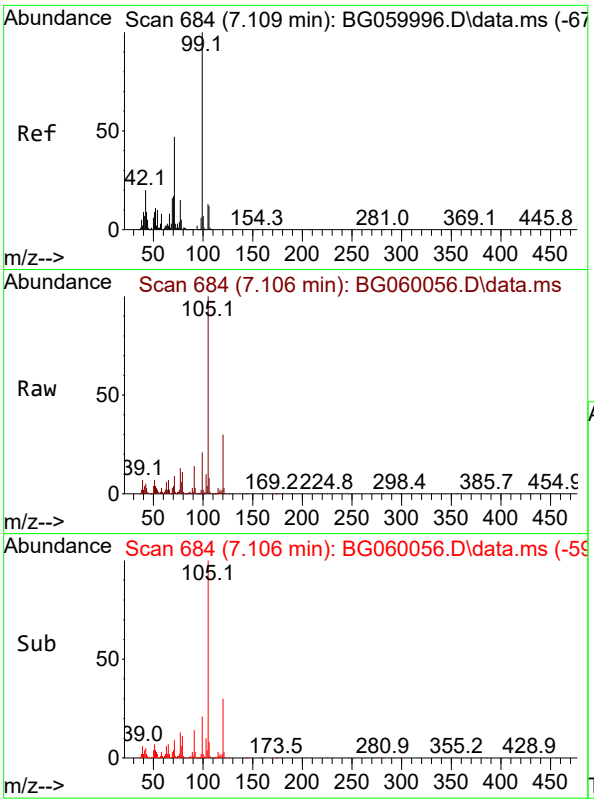


#5
2-Fluorophenol
Concen: 39.449 ng
RT: 5.526 min Scan# 415
Delta R.T. 0.004 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Tgt Ion:112 Resp: 142012

Ion	Ratio	Lower	Upper
112	100		
64	71.6	55.9	83.9
63	41.6	36.5	54.7



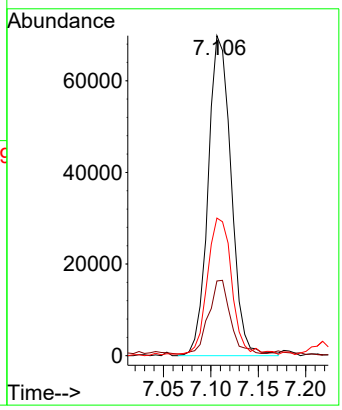


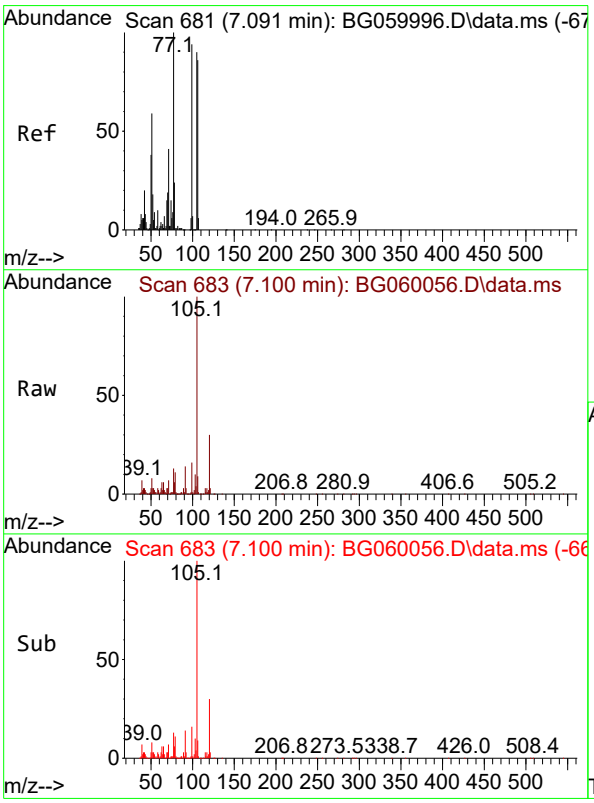
#7
Phenol-d6
Concen: 23.323 ng
RT: 7.106 min Scan# 6
Delta R.T. -0.002 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion: 99 Resp: 118101

Ion	Ratio	Lower	Upper
99	100		
42	23.3	16.2	24.4
71	43.0	37.6	56.4

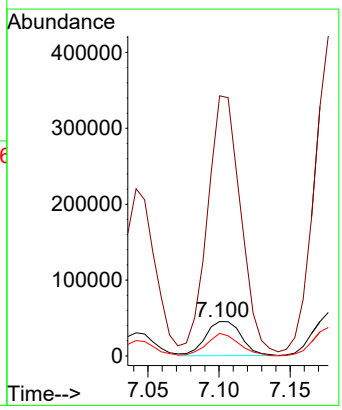


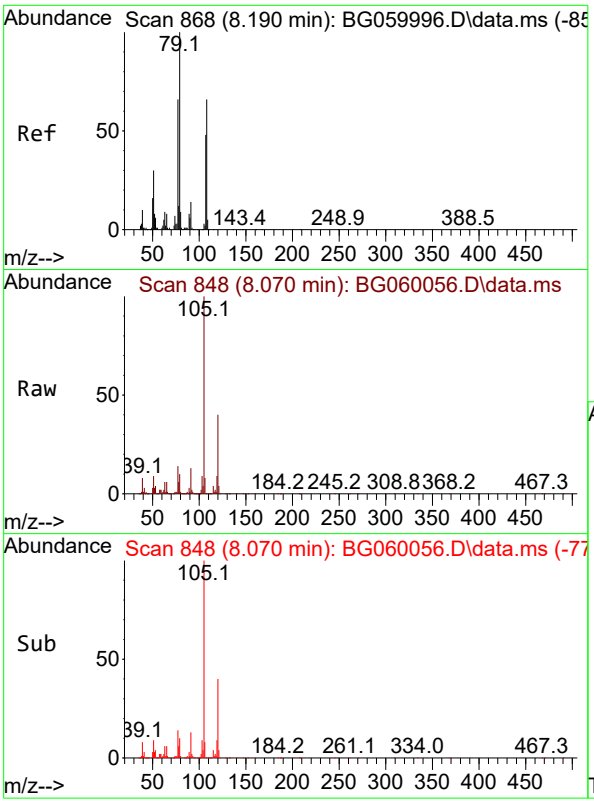


#9
Benzaldehyde
Concen: 25.645 ng
RT: 7.100 min Scan# 683
Delta R.T. 0.009 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Tgt Ion: 77 Resp: 78961

Ion	Ratio	Lower	Upper
77	100		
105	757.6	70.5	110.5#
106	65.5	66.0	106.0#



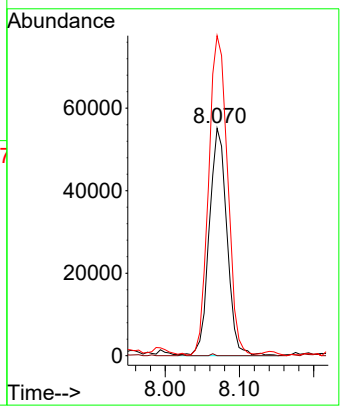


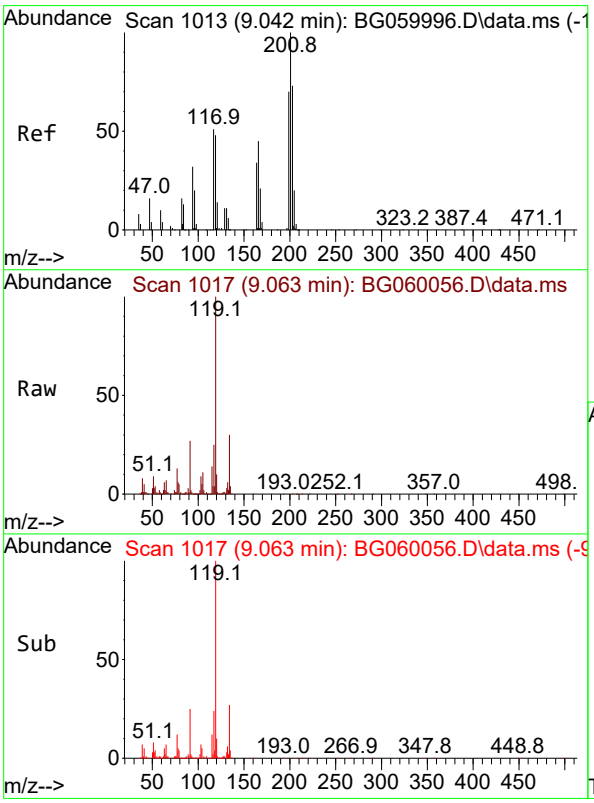
#15
Benzyl Alcohol
Concen: 22.462 ng
RT: 8.070 min Scan# 84
Delta R.T. -0.120 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion: 79 Resp: 91418

Ion	Ratio	Lower	Upper
79	100		
108	0.0	53.1	79.7#
77	140.7	52.8	79.2#

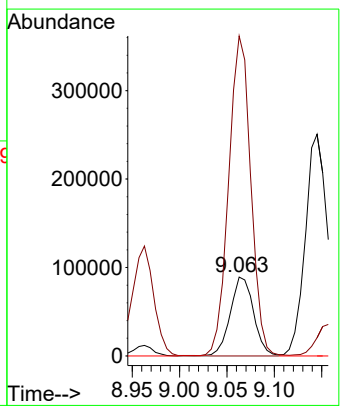


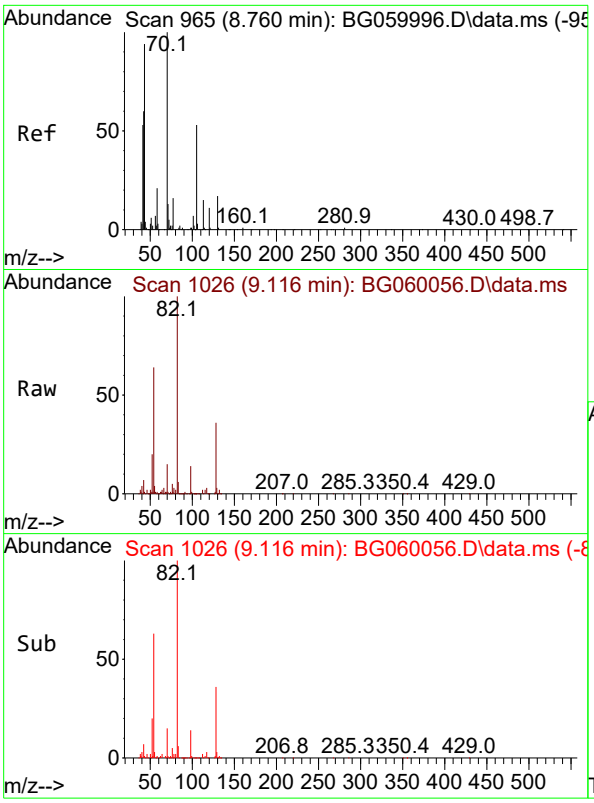


#18
Hexachloroethane
Concen: 106.251 ng
RT: 9.063 min Scan# 1017
Delta R.T. 0.021 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Tgt Ion:117 Resp: 152785

Ion	Ratio	Lower	Upper
117	100		
119	405.2	74.5	111.7#
201	0.0	156.5	234.7#



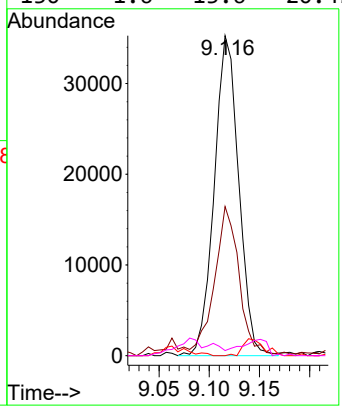


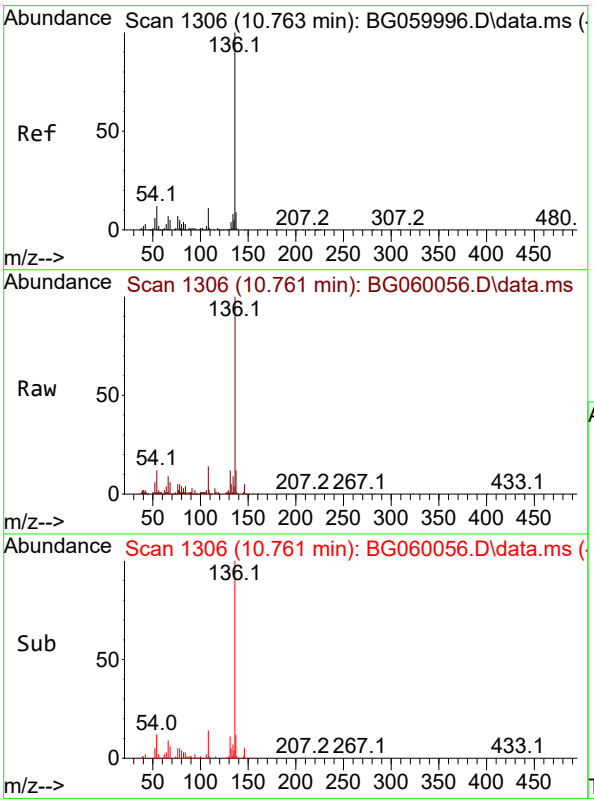
#19
n-Nitroso-di-n-propylamine
Concen: 18.324 ng
RT: 9.116 min Scan# 1(
Delta R.T. 0.356 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion: 70 Resp: 59863

Ion	Ratio	Lower	Upper
70	100		
42	46.6	48.6	73.0#
101	0.0	5.7	8.5#
130	1.6	13.6	20.4#

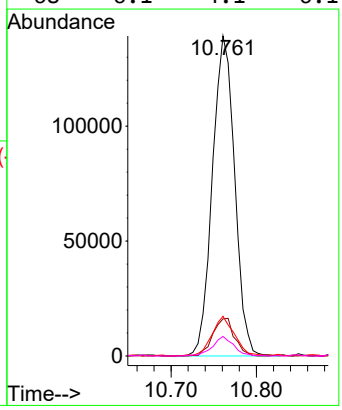


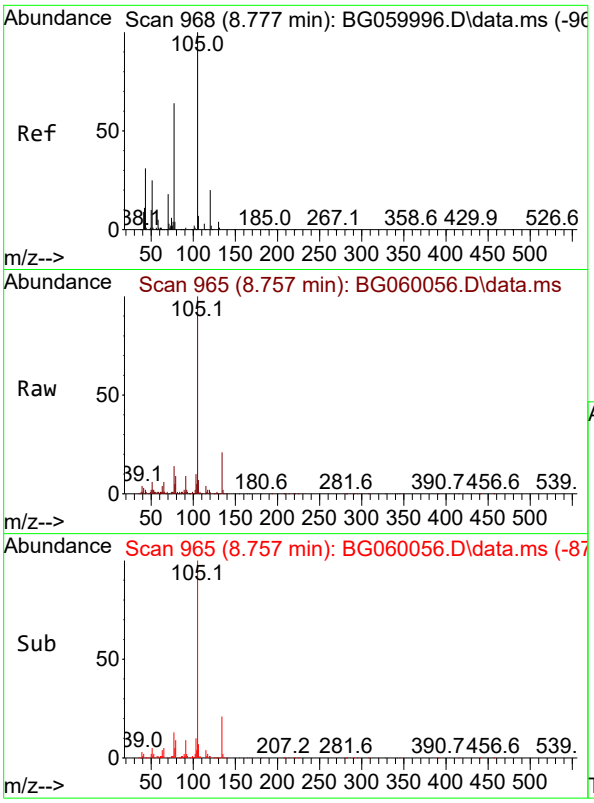


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Tgt Ion:136 Resp: 252945

Ion	Ratio	Lower	Upper
136	100		
137	11.6	7.3	10.9#
54	12.4	9.6	14.4
68	6.1	4.1	6.1



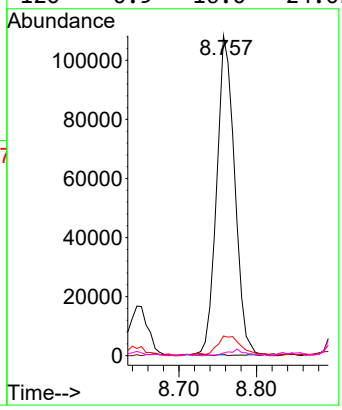


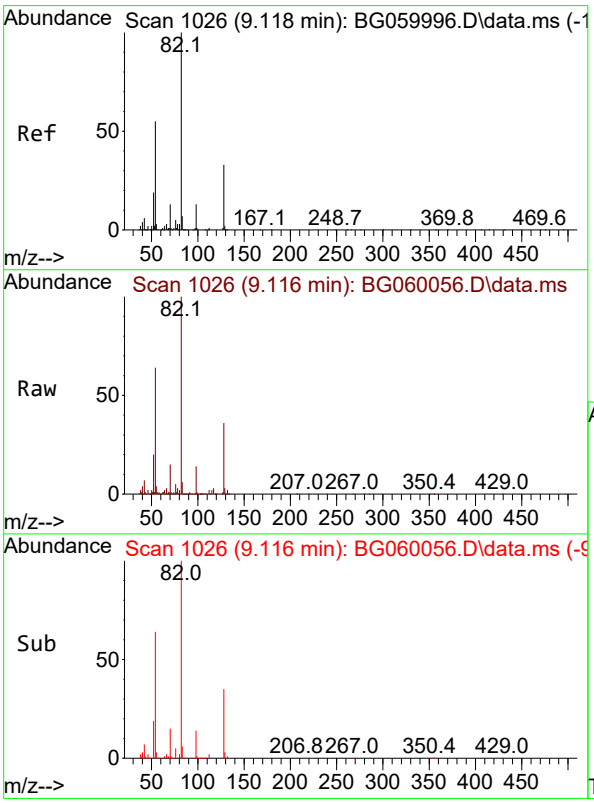
#22
Acetophenone
Concen: 23.771 ng
RT: 8.757 min Scan# 9
Delta R.T. -0.020 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:105 Resp: 175221

Ion	Ratio	Lower	Upper
105	100		
71	0.5	2.1	3.1#
51	6.2	25.4	38.0#
120	0.9	16.0	24.0#

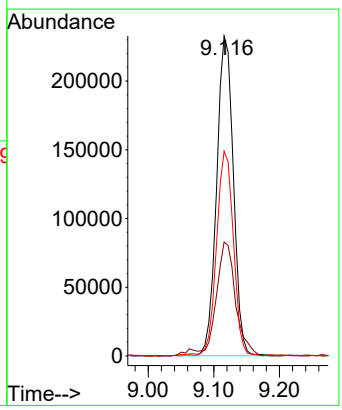


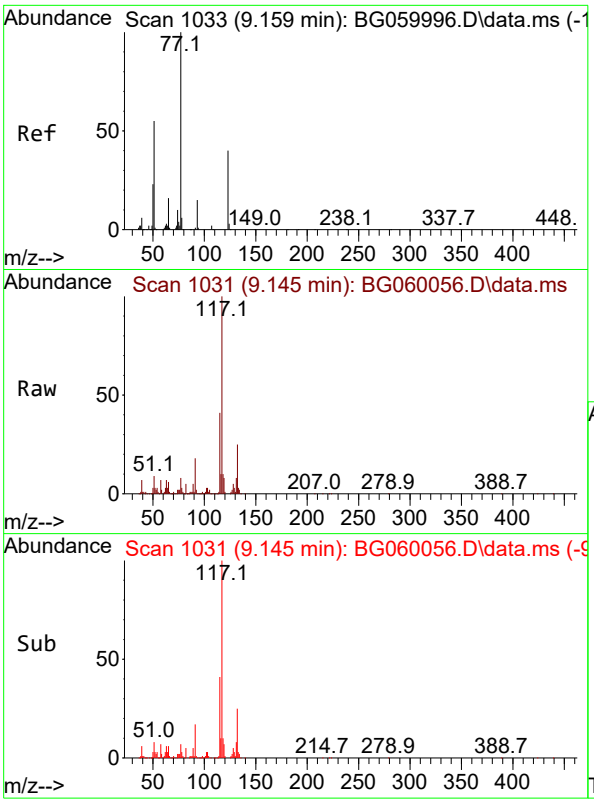


#23
Nitrobenzene-d5
Concen: 73.649 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Tgt Ion: 82 Resp: 410262

Ion	Ratio	Lower	Upper
82	100		
128	35.7	26.3	39.5
54	63.9	44.3	66.5



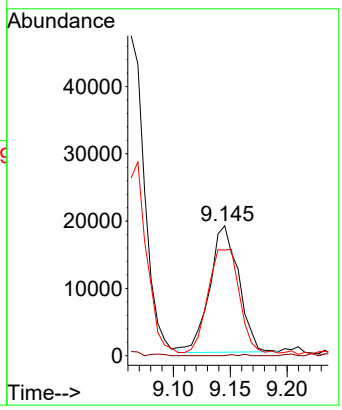


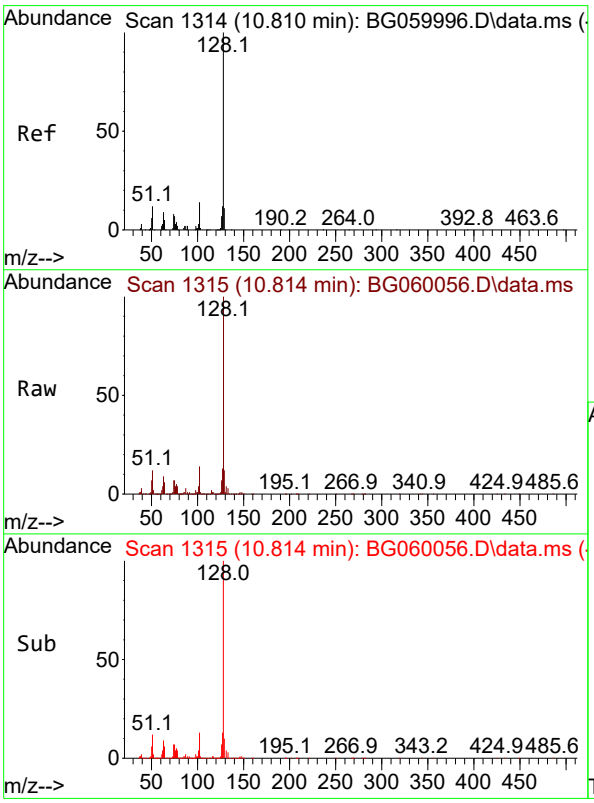
#24
Nitrobenzene
Concen: 5.923 ng
RT: 9.145 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion: 77 Resp: 33495

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.1	48.1#
65	81.3	13.0	19.4#

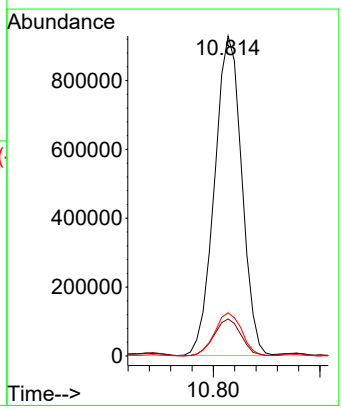


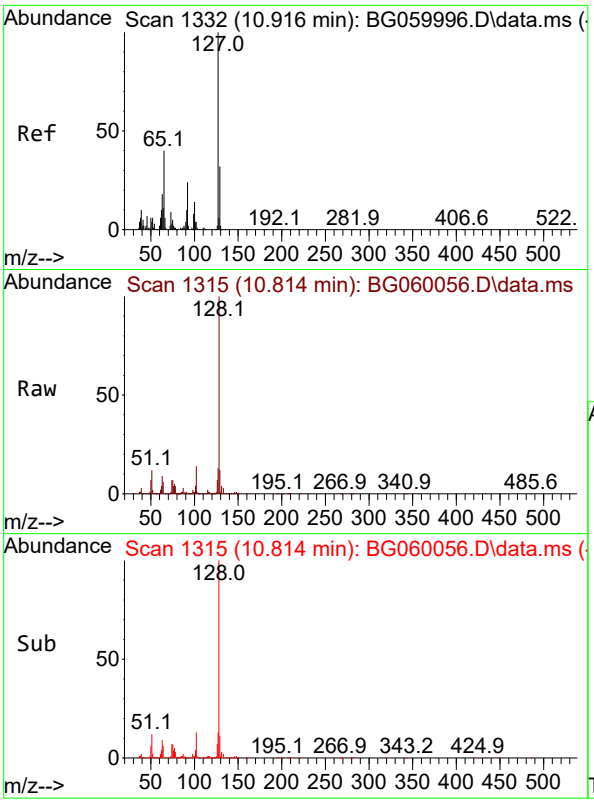


#31
Naphthalene
Concen: 124.859 ng
RT: 10.814 min Scan# 1315
Delta R.T. 0.003 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Tgt Ion:128 Resp: 1644116

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.4	9.7	14.5



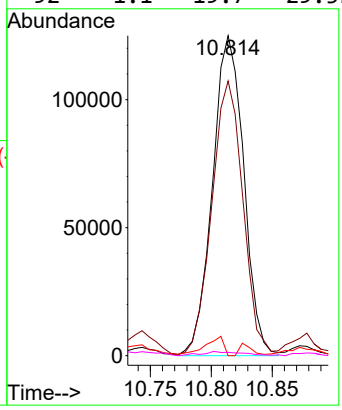


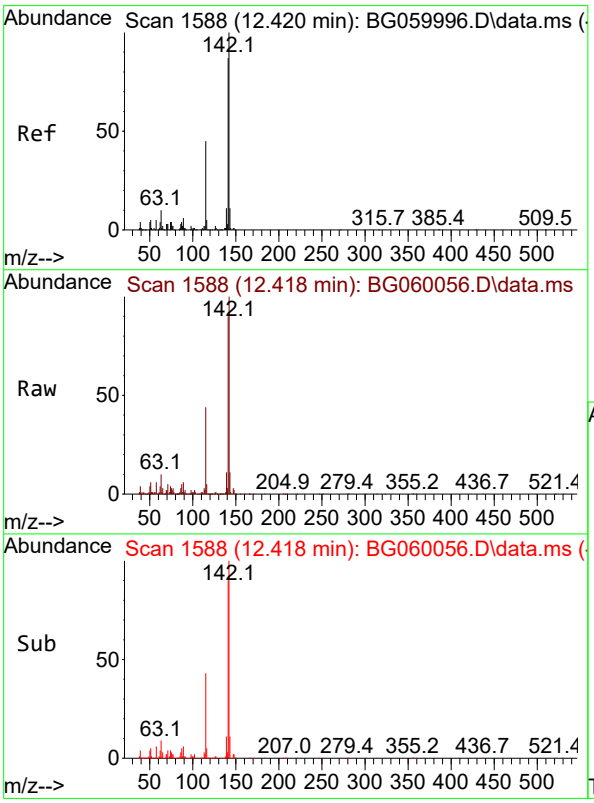
#33
4-Chloroaniline
Concen: 44.458 ng
RT: 10.814 min Scan# 1
Delta R.T. -0.102 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:127 Resp: 222749

Ion	Ratio	Lower	Upper
127	100		
129	85.9	25.7	38.5#
65	0.0	32.3	48.5#
92	1.1	19.7	29.5#

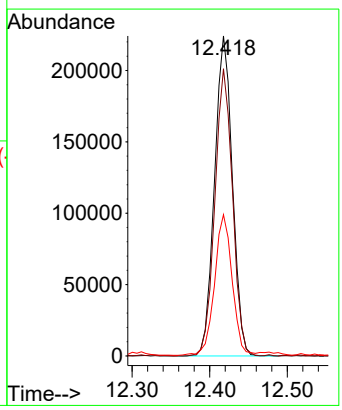


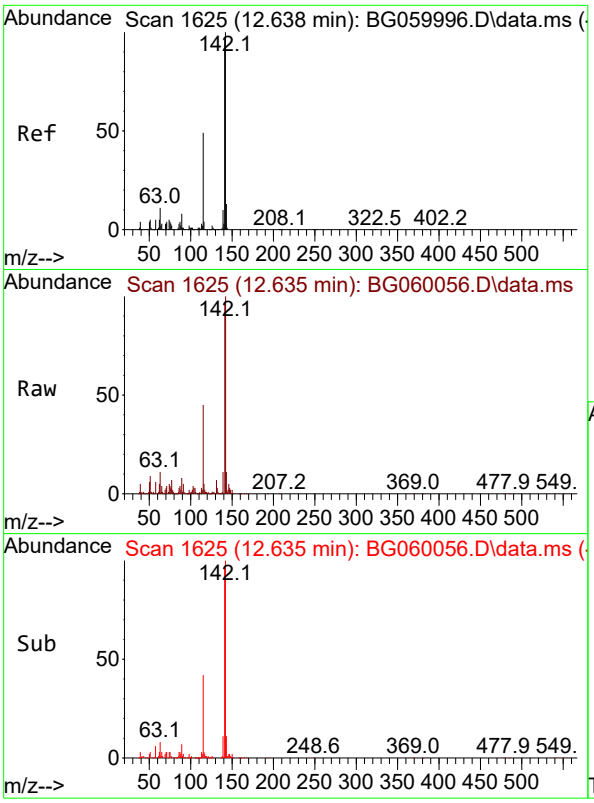


#37
2-Methylnaphthalene
Concen: 34.766 ng
RT: 12.418 min Scan# 1588
Delta R.T. -0.002 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Tgt Ion:142 Resp: 359055

Ion	Ratio	Lower	Upper
142	100		
141	89.8	69.9	104.9
115	44.1	36.1	54.1



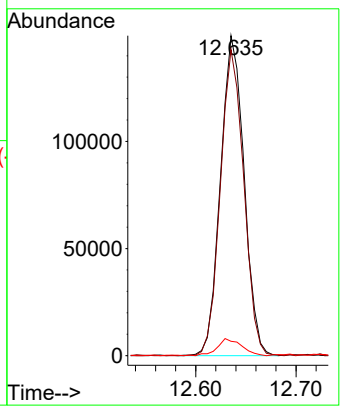


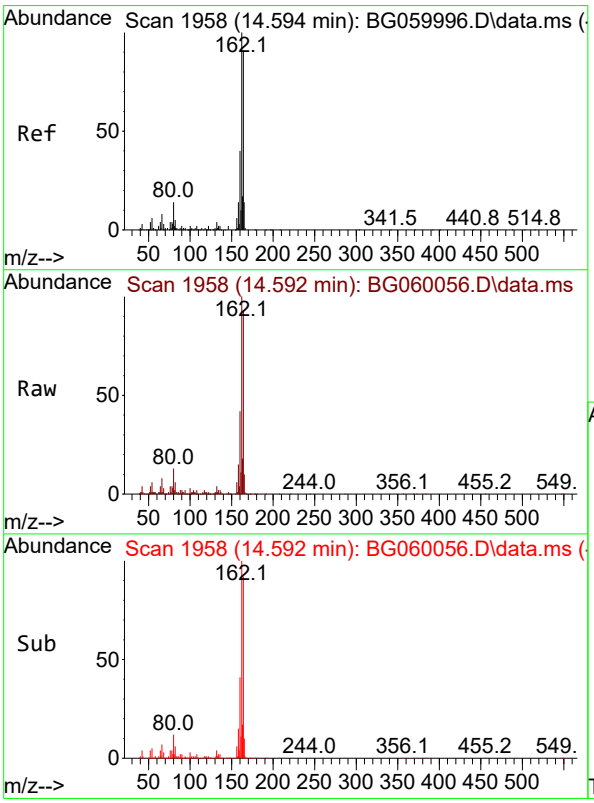
#38
1-Methylnaphthalene
Concen: 23.888 ng
RT: 12.635 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:142 Resp: 243694

Ion	Ratio	Lower	Upper
142	100		
141	95.7	76.9	115.3
116	4.5	3.5	5.3

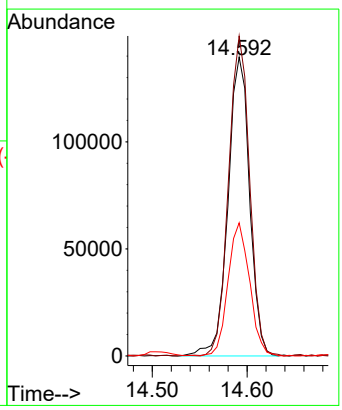


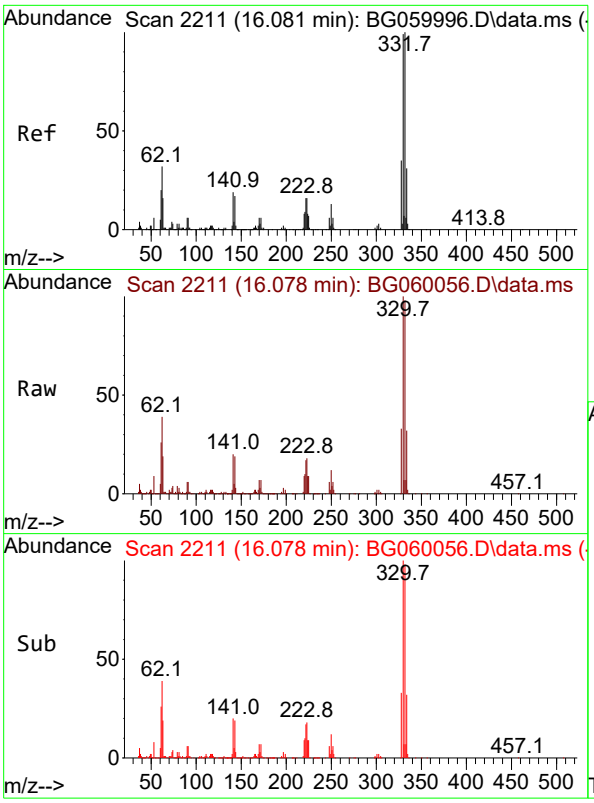


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Tgt Ion:164 Resp: 220412

Ion	Ratio	Lower	Upper
164	100		
162	107.1	88.1	132.1
160	44.5	35.4	53.0



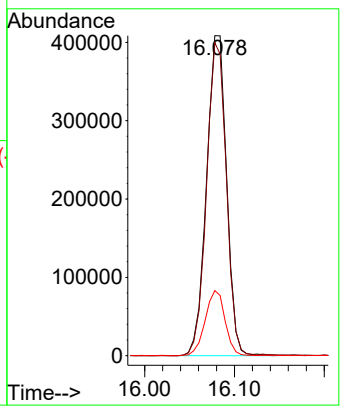


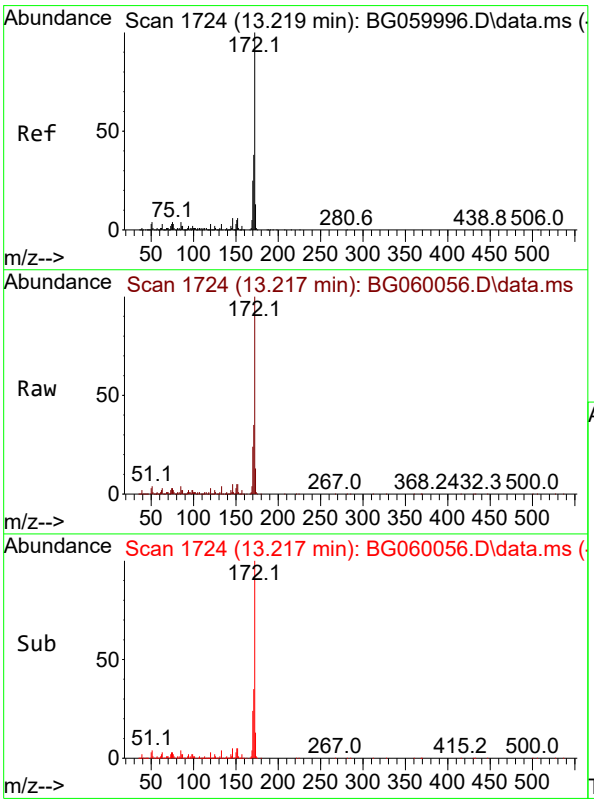
#42
2,4,6-Tribromophenol
Concen: 123.265 ng
RT: 16.078 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:330 Resp: 633168

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.4
141	20.1	14.3	21.5

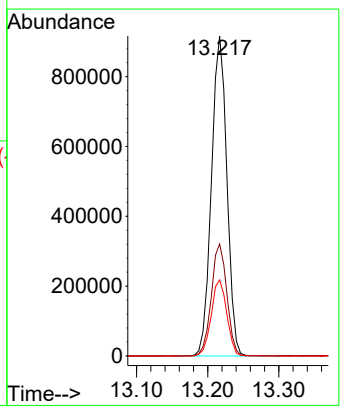


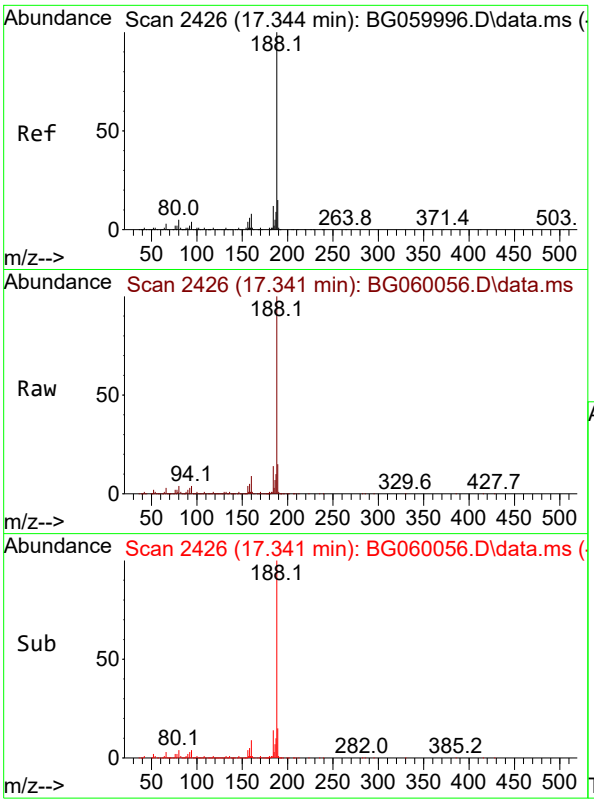


#45
2-Fluorobiphenyl
Concen: 76.526 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Tgt Ion:172 Resp: 1378158

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.1	45.1
170	23.7	20.0	30.0



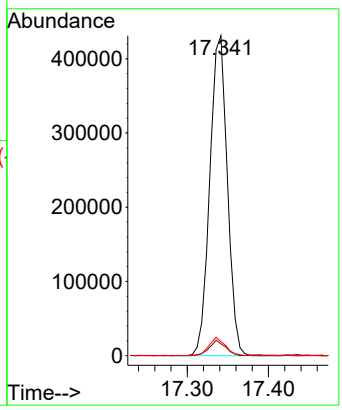


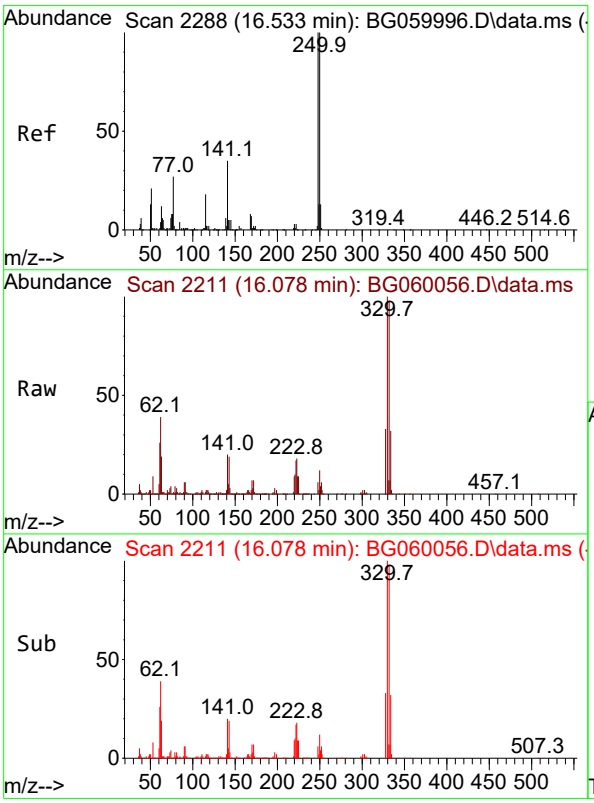
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.341 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 647270

Ion	Ratio	Lower	Upper
188	100		
94	3.7	3.0	4.6
80	4.4	4.0	6.0

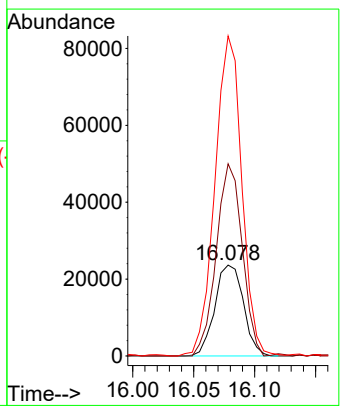


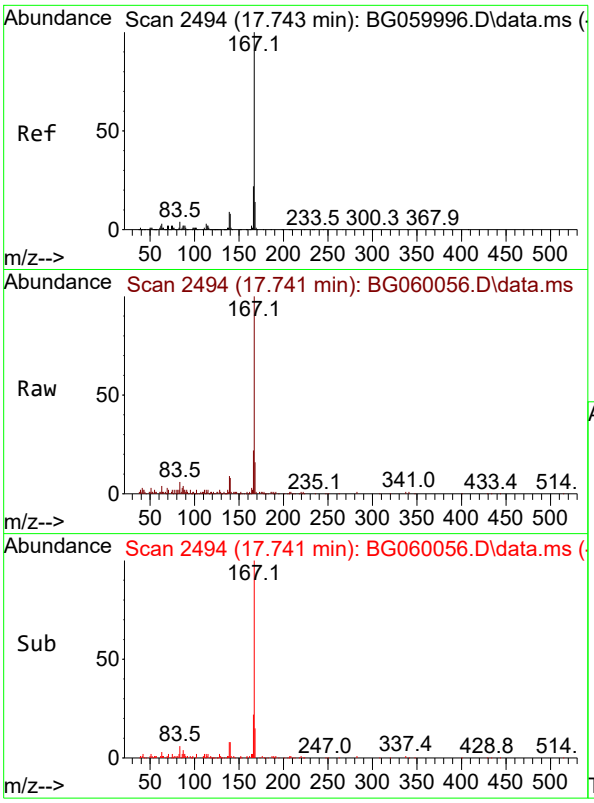


#67
4-Bromophenyl-phenylether
Concen: 4.220 ng
RT: 16.078 min Scan# 2211
Delta R.T. -0.455 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Tgt Ion:248 Resp: 38537

Ion	Ratio	Lower	Upper
248	100		
250	211.3	79.9	119.9#
141	351.8	28.3	42.5#



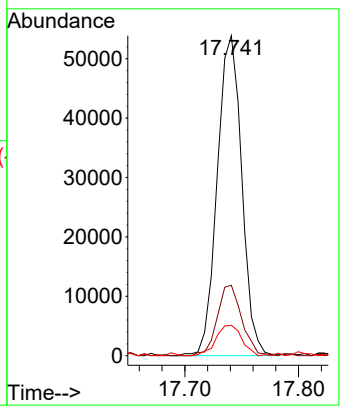


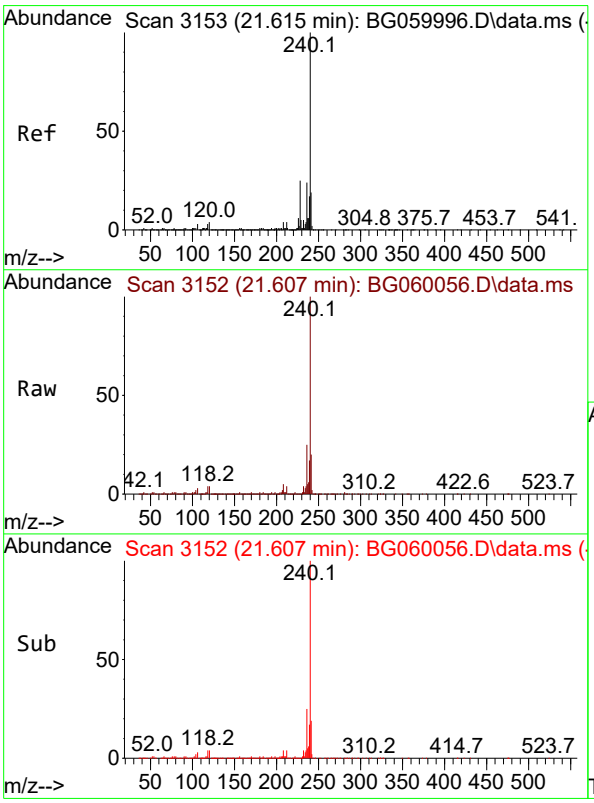
#73
Carbazole
Concen: 3.015 ng
RT: 17.741 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:167 Resp: 80764

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	9.5	7.5	11.3

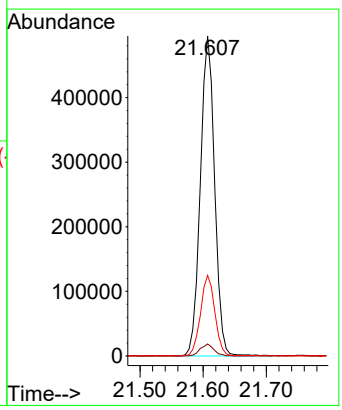


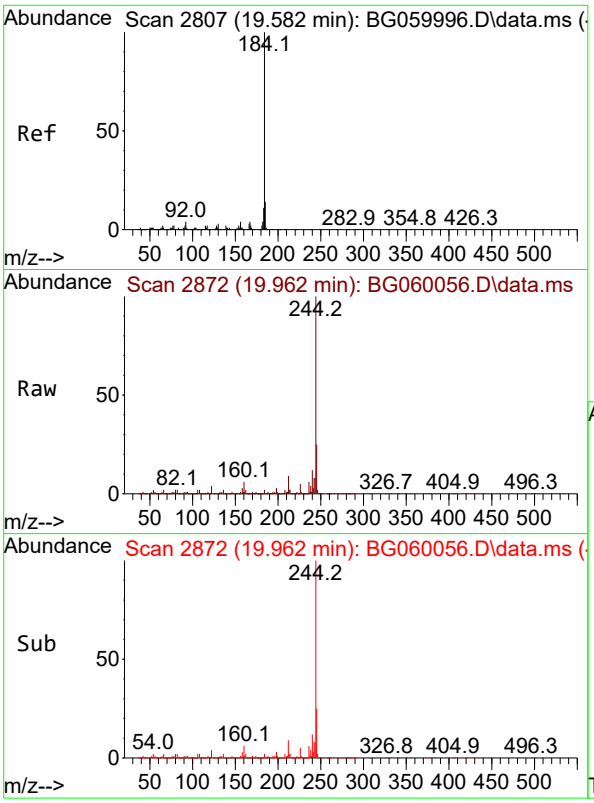


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.607 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Tgt Ion:240 Resp: 780069

Ion	Ratio	Lower	Upper
240	100		
120	3.8	2.9	4.3
236	25.1	19.4	29.2



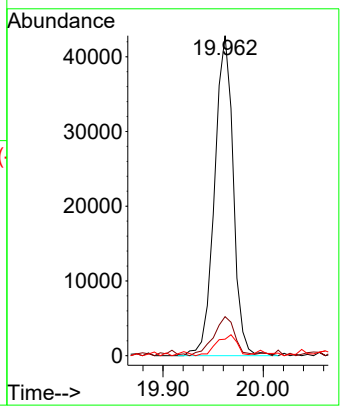


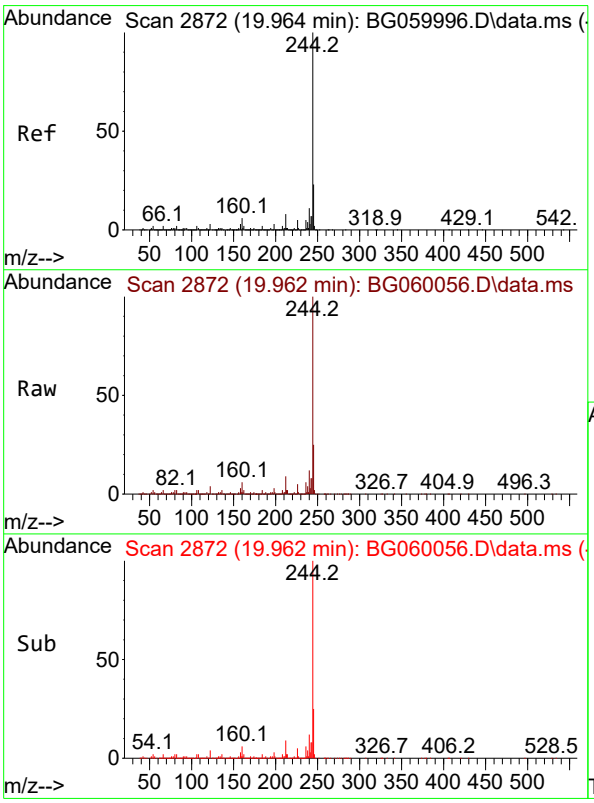
#77
Benzidine
Concen: 5.506 ng
RT: 19.962 min Scan# 2
Delta R.T. 0.379 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:184 Resp: 55171

Ion	Ratio	Lower	Upper
184	100		
185	12.2	11.1	16.7
183	5.2	9.0	13.4#

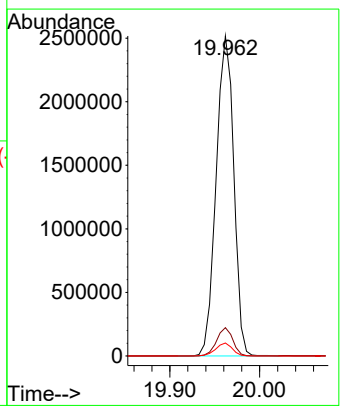


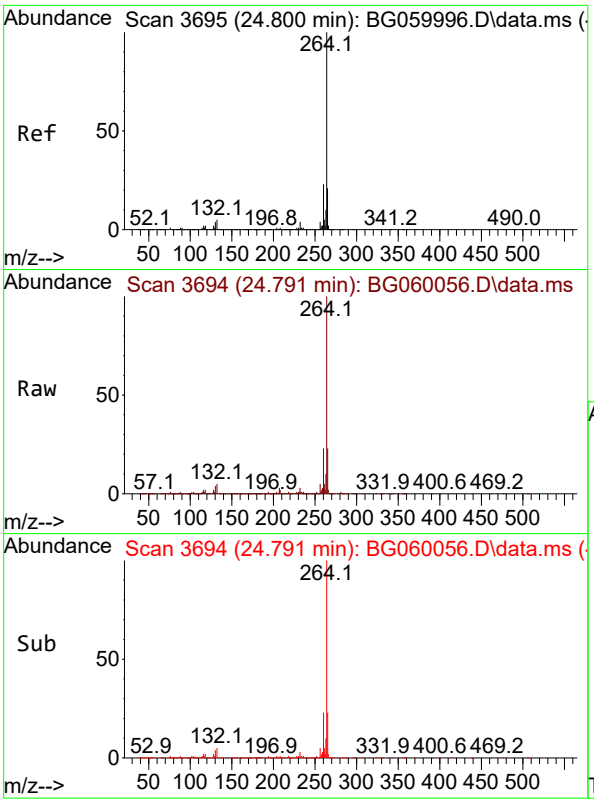


#79
Terphenyl-d14
Concen: 80.301 ng
RT: 19.962 min Scan# 2872
Delta R.T. -0.002 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Tgt Ion:244 Resp: 3431010

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.8	10.2
122	4.0	2.6	3.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.791 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG060056.D
Acq: 16 Dec 2023 5:22

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:264 Resp: 889592

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	22.7	17.3	25.9