Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060092.D
Acq On : 19 Dec 2023 19:29
Operator : MA/JU
Sample : 05612-07DL2 100X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-01DL2

Quant Time: Dec 20 00:46:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 04:37:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	54839	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	208796	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	191159	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	572554	20.000	ng	# 0.00
76) Chrysene-d12	21.610	240	633221	20.000	ng	# 0.00
86) Perylene-d12	24.800	264	738127	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	3291	1.027	ng	0.00
7) Phenol-d6	7.103	99	2396	0.532	ng	0.00
23) Nitrobenzene-d5	9.107	82	5522	1.201	ng	-0.02
42) 2,4,6-Tribromophenol	16.075	330	11390	2.557	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	24963	1.598	ng	0.00
79) Terphenyl-d14	19.959	244	75929	2.189	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.811	128	444671	40.910	ng	97
33) 4-Chloroaniline	10.811	127	60953	14.738	ng	# 34
37) 2-Methylnaphthalene	12.409	142	32219	3.779	ng	87
38) 1-Methylnaphthalene	12.632	142	57398	6.816	ng	# 95
51) 2,6-Dinitrotoluene	14.589	165	26721	8.693	ng	# 23
52) Acenaphthene	14.647	154	31852	2.755	ng	97
57) 2,4-Dinitrotoluene	14.589	165	26721	6.184	ng	# 26
69) Atrazine	16.792	200	917	Below Cal		# 34

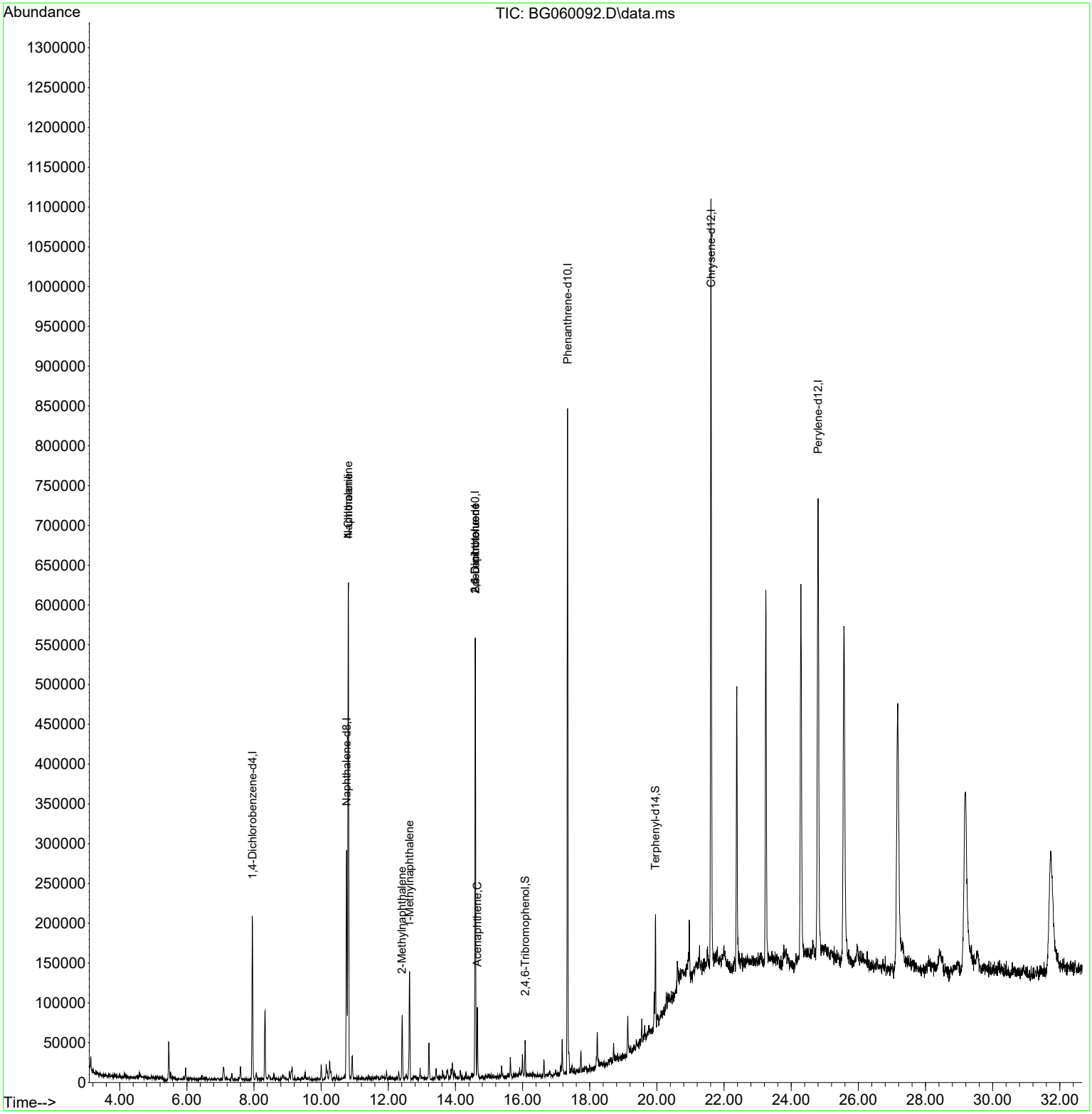
(#) = qualifier out of range (m) = manual integration (+) = signals summed

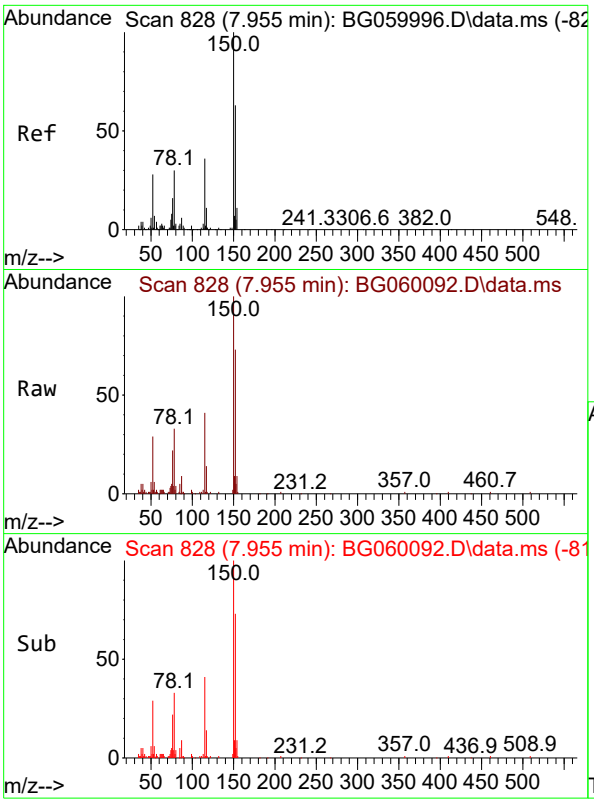
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060092.D
Acq On : 19 Dec 2023 19:29
Operator : MA/JU
Sample : 05612-07DL2 100X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-01DL2

Quant Time: Dec 20 00:46:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 04:37:23 2023
Response via : Initial Calibration



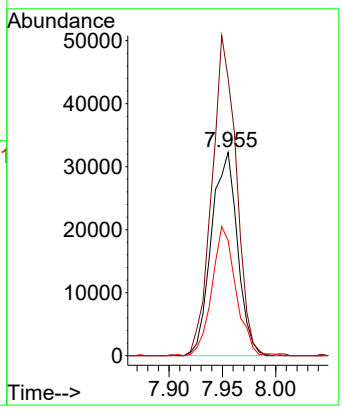


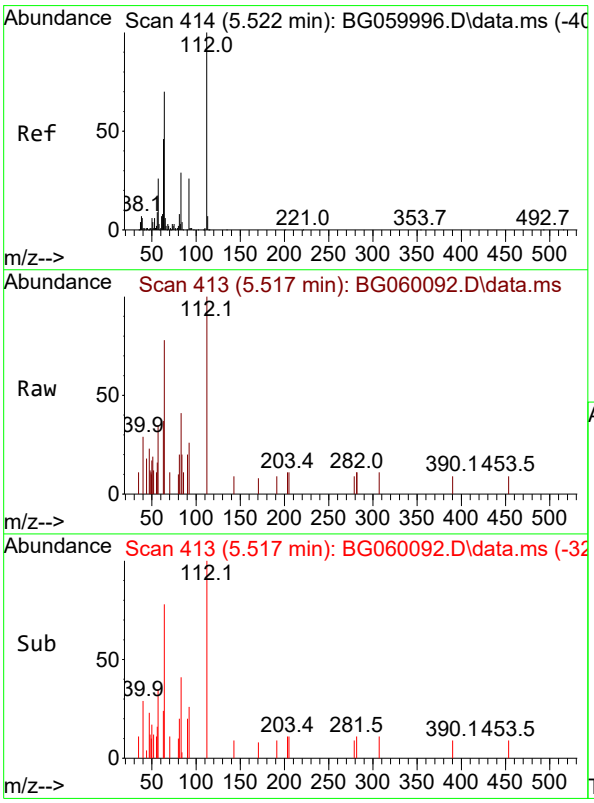
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
DUP-01DL2

Tgt Ion:152 Resp: 54839

Ion	Ratio	Lower	Upper
152	100		
150	136.4	127.0	190.6
115	56.6	45.7	68.5

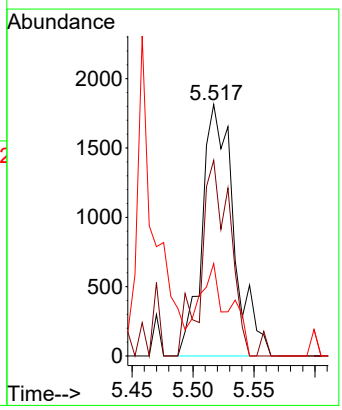


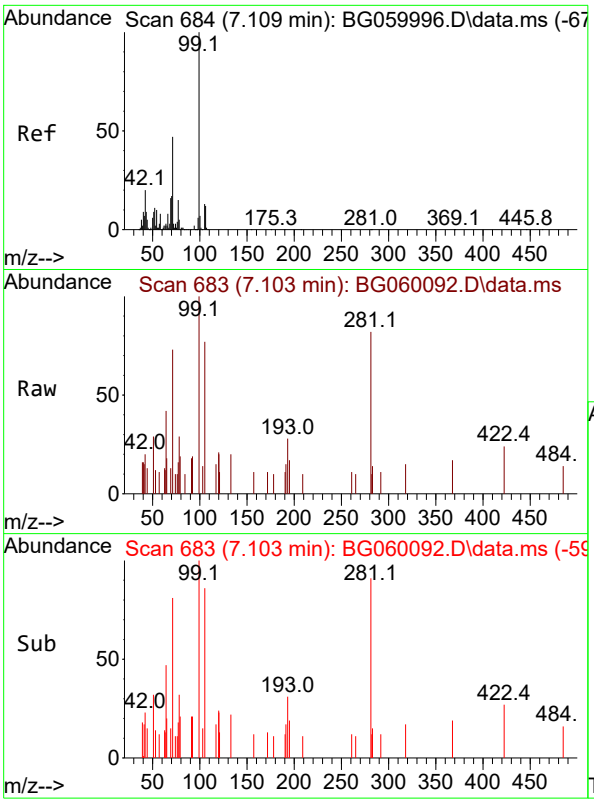


#5
2-Fluorophenol
Concen: 1.027 ng
RT: 5.517 min Scan# 413
Delta R.T. -0.009 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Tgt Ion:112 Resp: 3291

Ion	Ratio	Lower	Upper
112	100		
64	77.8	55.9	83.9
63	36.7	36.5	54.7



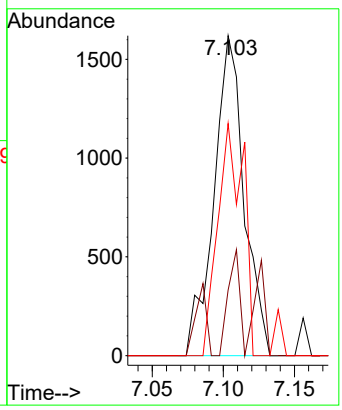


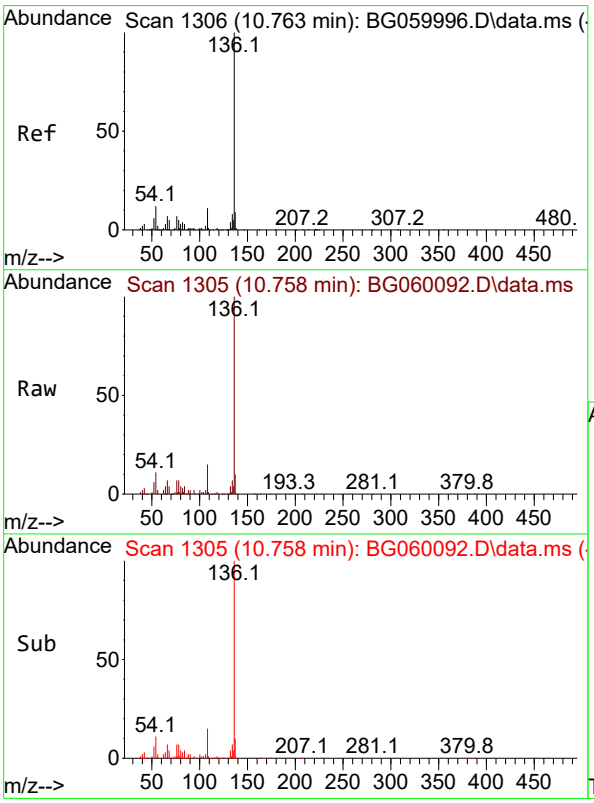
#7
Phenol-d6
Concen: 0.532 ng
RT: 7.103 min Scan# 6
Delta R.T. -0.009 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
DUP-01DL2

Tgt Ion: 99 Resp: 2396

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.2	24.4
71	72.5	37.6	56.4#

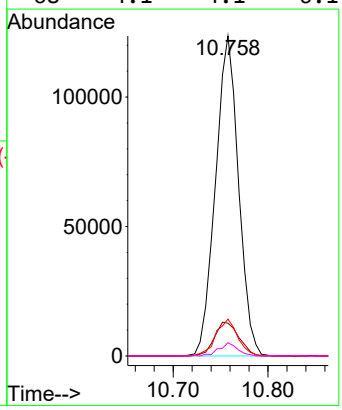


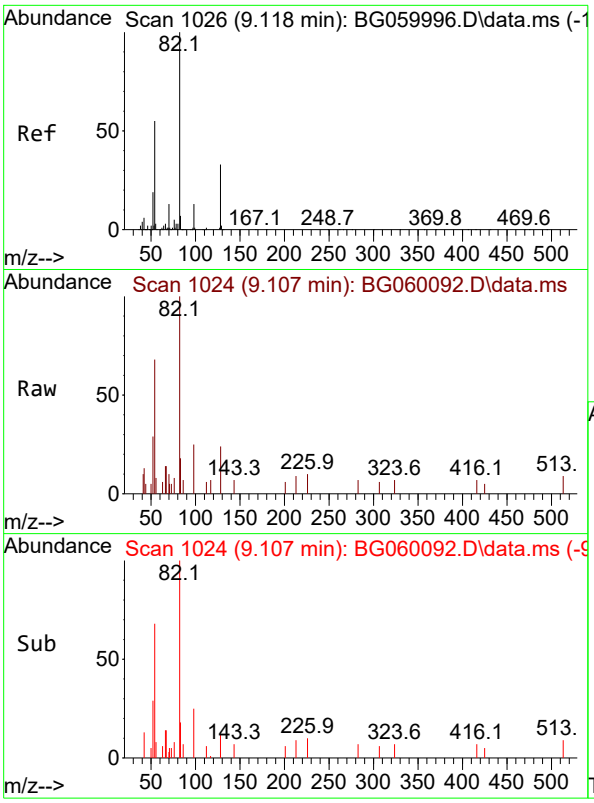


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.758 min Scan# 1305
Delta R.T. -0.003 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Tgt Ion:136 Resp: 208796

Ion	Ratio	Lower	Upper
136	100		
137	10.2	7.3	10.9
54	11.5	9.6	14.4
68	4.1	4.1	6.1



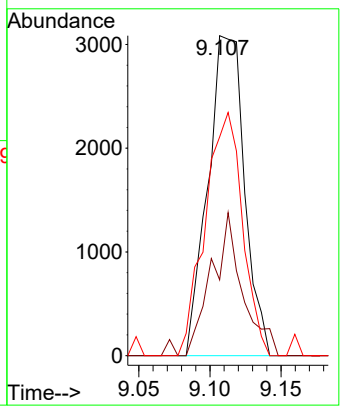


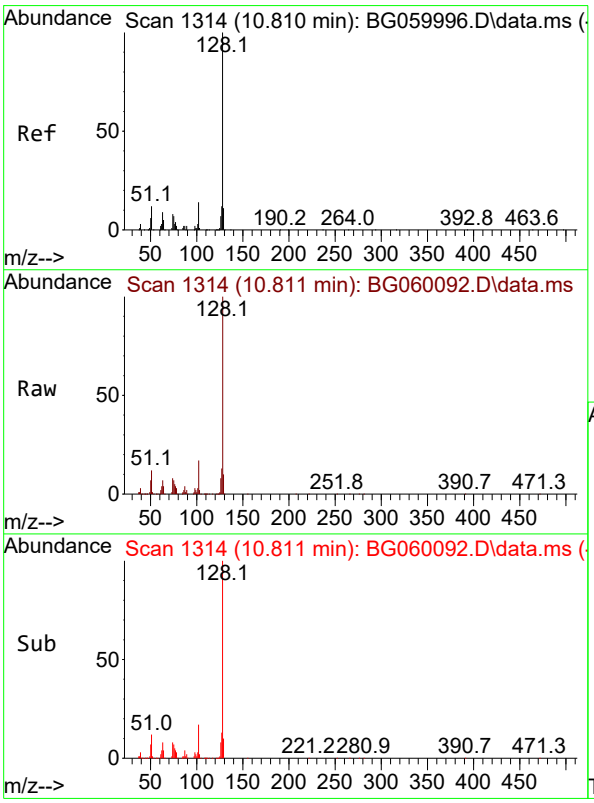
#23
Nitrobenzene-d5
Concen: 1.201 ng
RT: 9.107 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
DUP-01DL2

Tgt Ion: 82 Resp: 5522

Ion	Ratio	Lower	Upper
82	100		
128	23.7	26.3	39.5#
54	68.3	44.3	66.5#

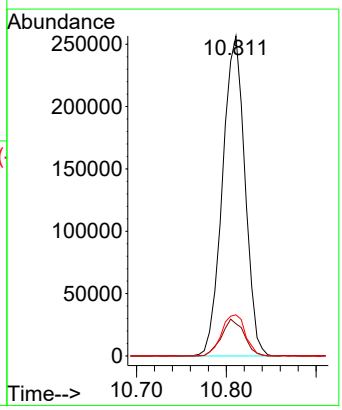


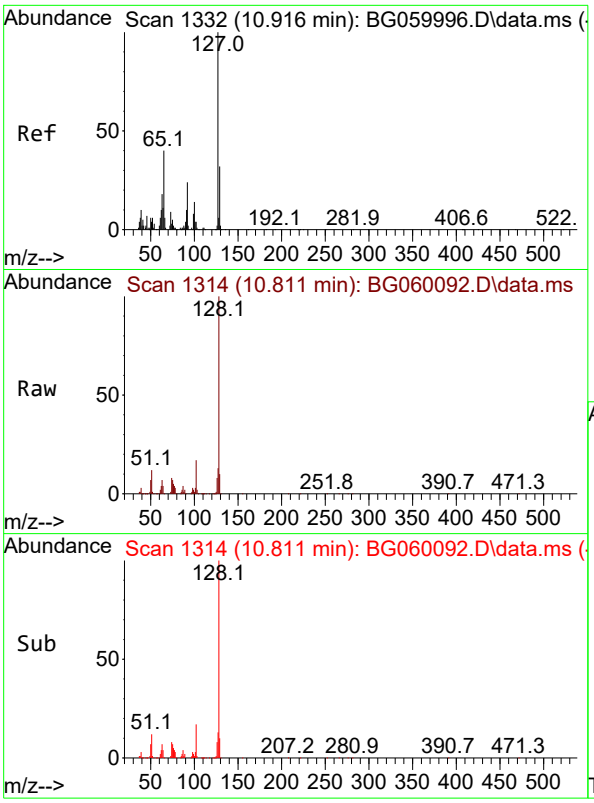


#31
Naphthalene
Concen: 40.910 ng
RT: 10.811 min Scan# 1314
Delta R.T. -0.003 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Tgt Ion:128 Resp: 444671

Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.2	13.8
127	12.9	9.7	14.5



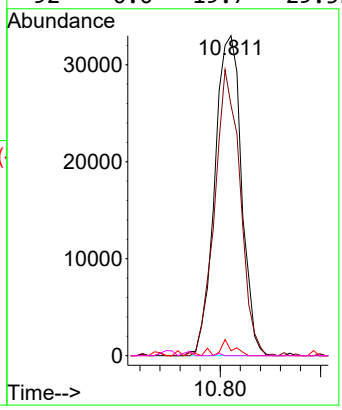


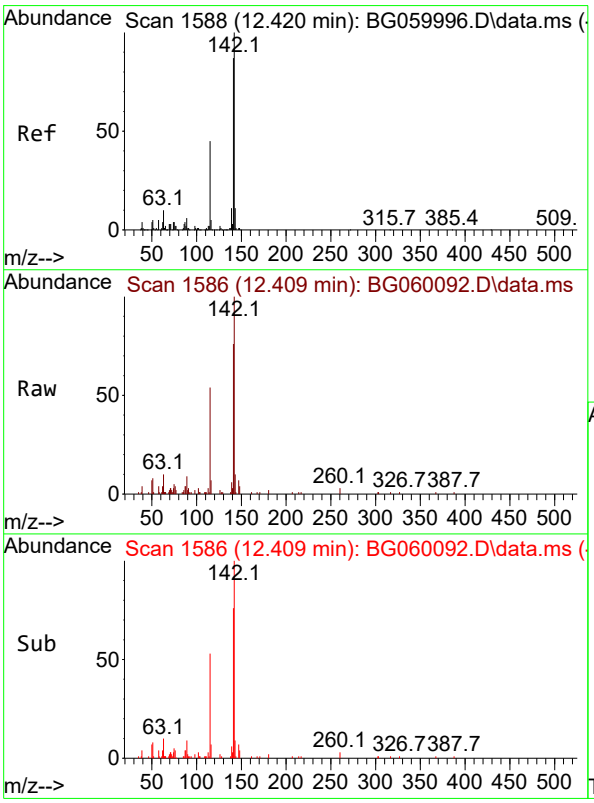
#33
4-Chloroaniline
Concen: 14.738 ng
RT: 10.811 min Scan# 1
Delta R.T. -0.103 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
DUP-01DL2

Tgt Ion:127 Resp: 60953

Ion	Ratio	Lower	Upper
127	100		
129	78.2	25.7	38.5#
65	1.6	32.3	48.5#
92	0.0	19.7	29.5#

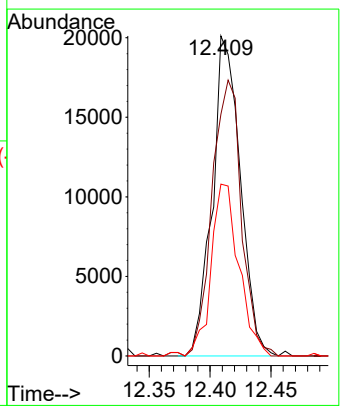


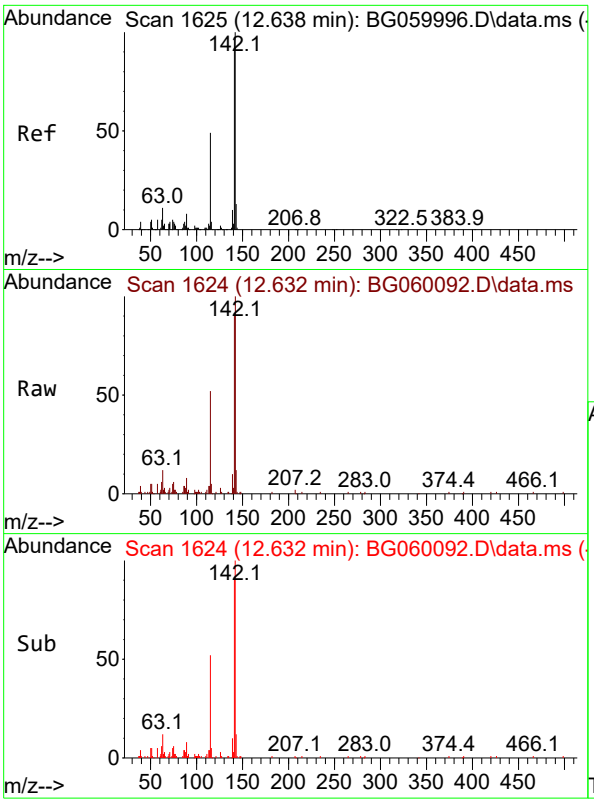


#37
2-Methylnaphthalene
Concen: 3.779 ng
RT: 12.409 min Scan# 1586
Delta R.T. -0.015 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Tgt Ion:142 Resp: 32219

Ion	Ratio	Lower	Upper
142	100		
141	75.5	69.9	104.9
115	53.7	36.1	54.1



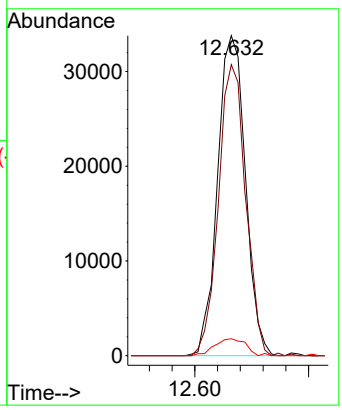


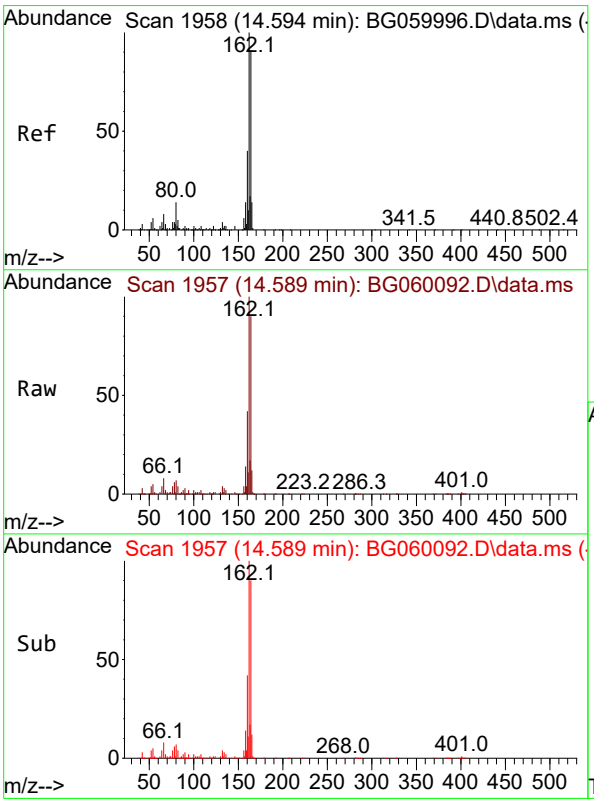
#38
1-Methylnaphthalene
Concen: 6.816 ng
RT: 12.632 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
DUP-01DL2

Tgt Ion:142 Resp: 57398

Ion	Ratio	Lower	Upper
142	100		
141	90.9	76.9	115.3
116	5.3	3.5	5.3#

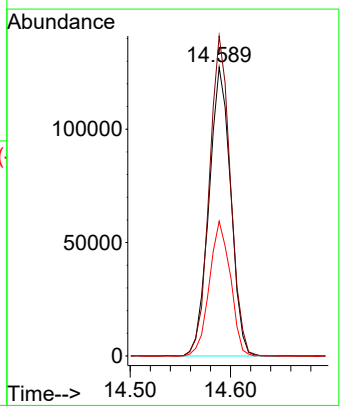


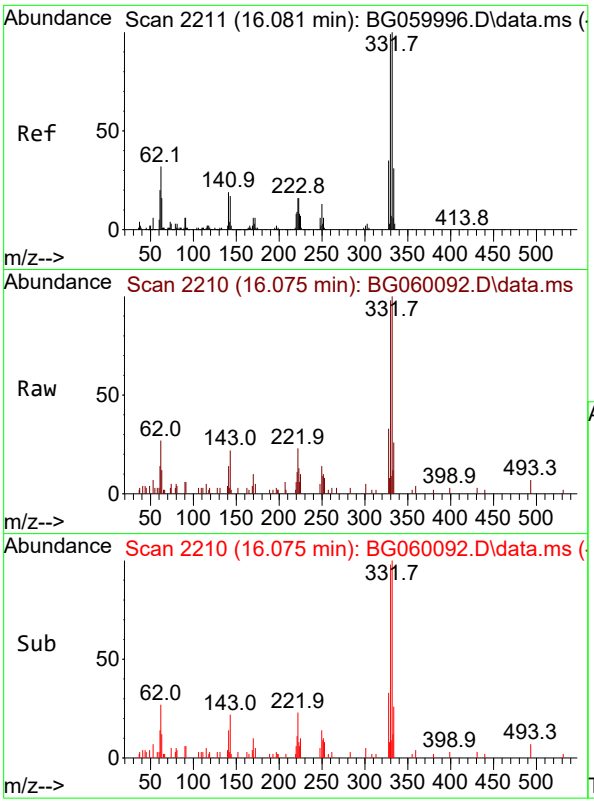


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.009 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Tgt Ion:164 Resp: 191159

Ion	Ratio	Lower	Upper
164	100		
162	110.8	88.1	132.1
160	46.6	35.4	53.0



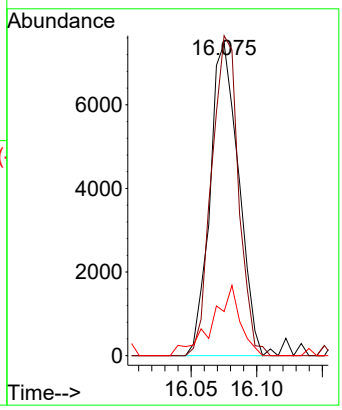


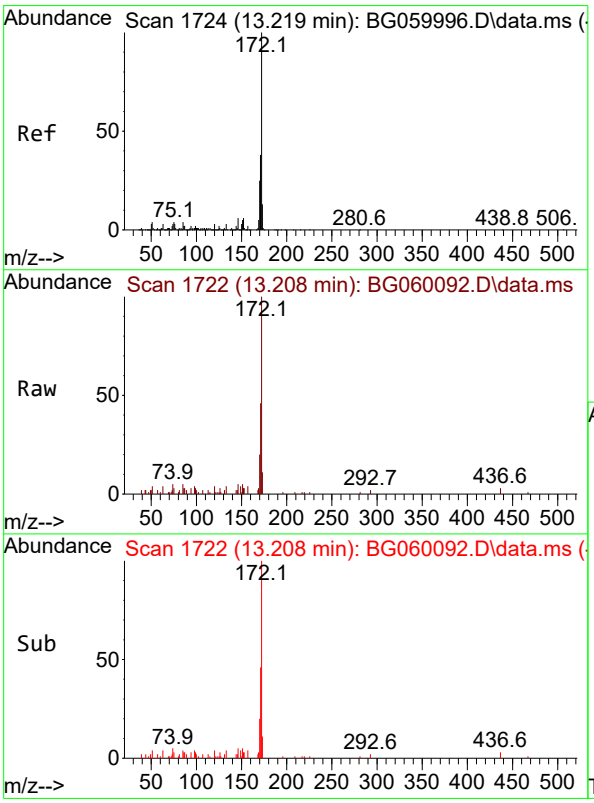
#42
2,4,6-Tribromophenol
Concen: 2.557 ng
RT: 16.075 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
DUP-01DL2

Tgt Ion:330 Resp: 11390

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.2	114.4
141	22.1	14.3	21.5#

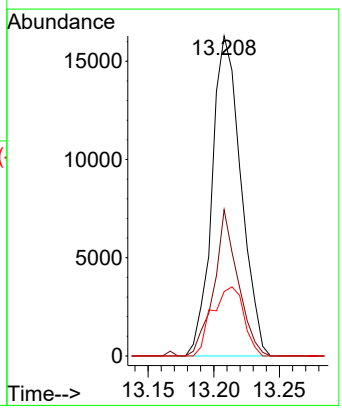


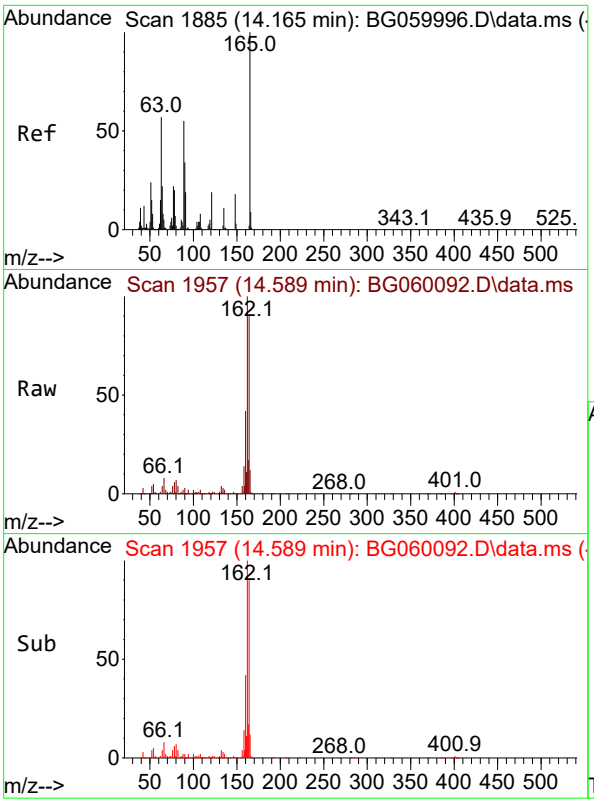


#45
2-Fluorobiphenyl
Concen: 1.598 ng
RT: 13.208 min Scan# 1722
Delta R.T. -0.009 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Tgt Ion:172 Resp: 24963

Ion	Ratio	Lower	Upper
172	100		
171	45.7	30.1	45.1#
170	20.1	20.0	30.0



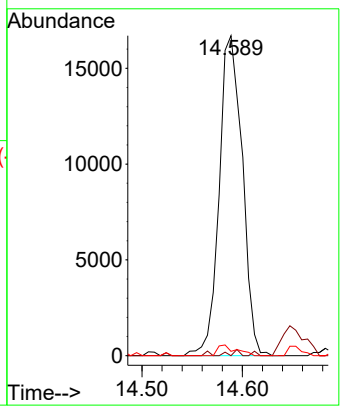


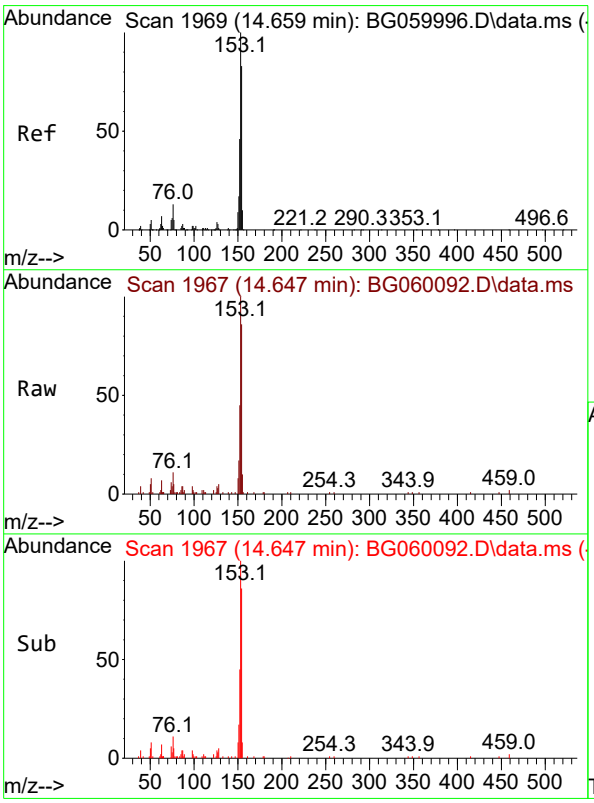
#51
2,6-Dinitrotoluene
Concen: 8.693 ng
RT: 14.589 min Scan# 1
Delta R.T. 0.420 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
DUP-01DL2

Tgt Ion:165 Resp: 26721

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.2	72.2#
89	1.3	44.4	66.6#

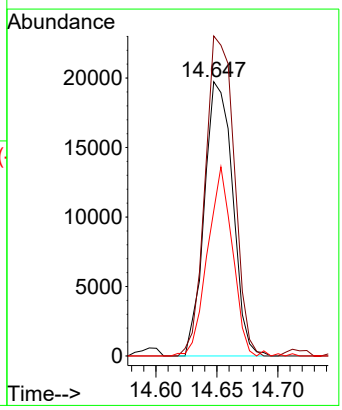


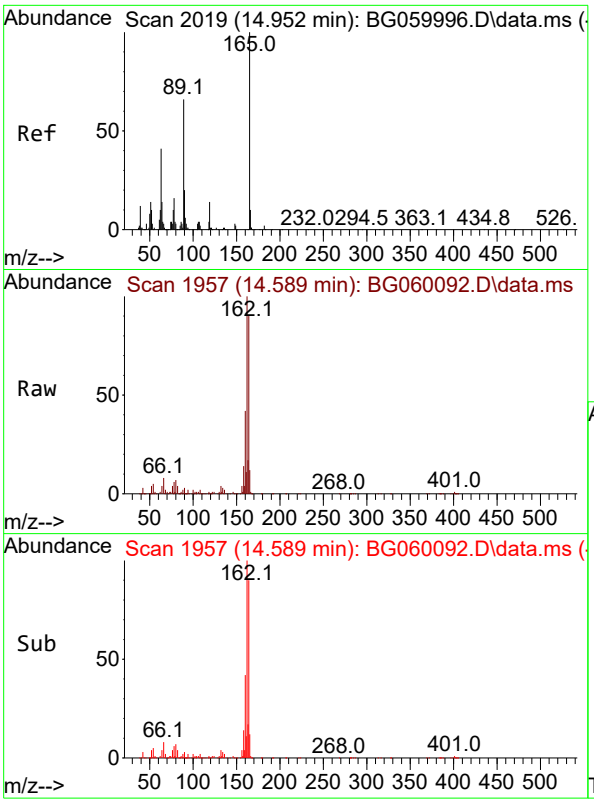


#52
Acenaphthene
Concen: 2.755 ng
RT: 14.647 min Scan# 1967
Delta R.T. -0.015 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Tgt Ion:154 Resp: 31852

Ion	Ratio	Lower	Upper
154	100		
153	116.7	96.0	144.0
152	52.8	44.3	66.5



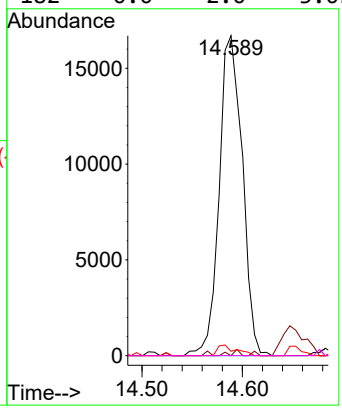


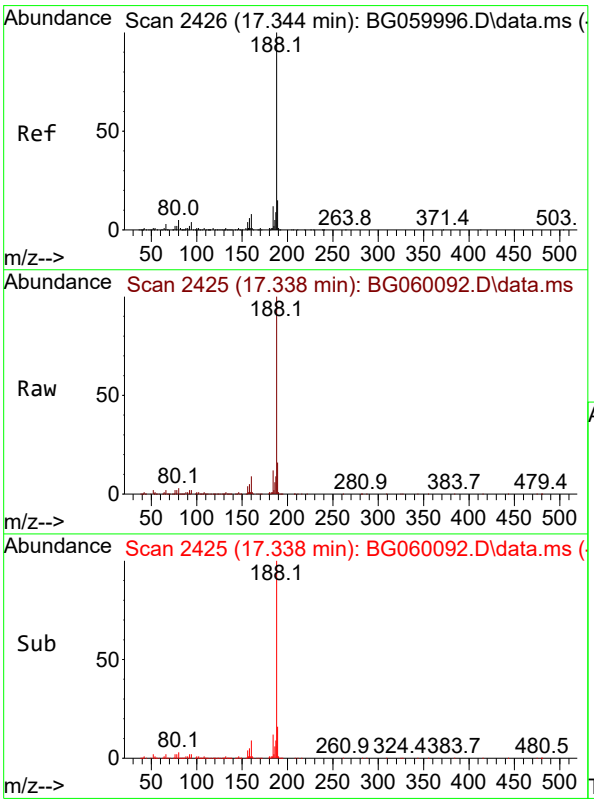
#57
2,4-Dinitrotoluene
Concen: 6.184 ng
RT: 14.589 min Scan# 1
Delta R.T. -0.362 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
DUP-01DL2

Tgt Ion:165 Resp: 26721

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.8	49.2#
89	1.3	53.0	79.6#
182	0.0	2.0	3.0#

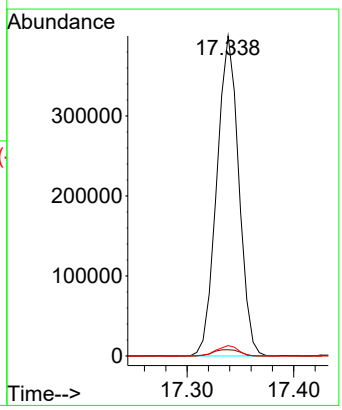


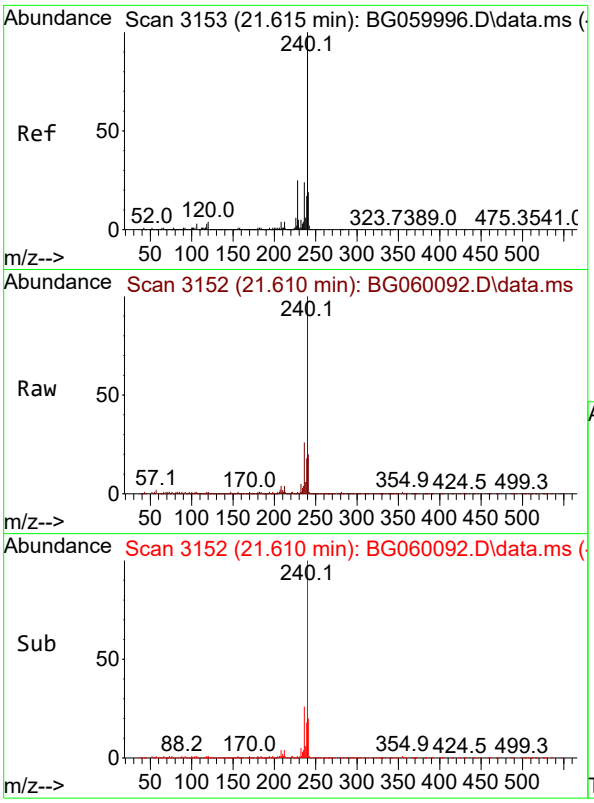


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.009 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Tgt Ion:188 Resp: 572554

Ion	Ratio	Lower	Upper
188	100		
94	2.0	3.0	4.6#
80	3.3	4.0	6.0#



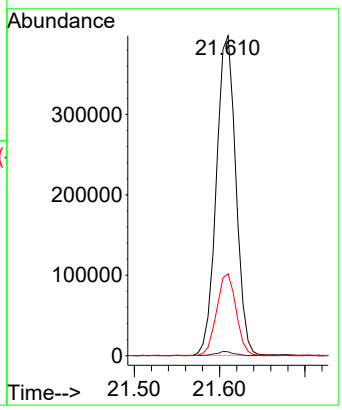


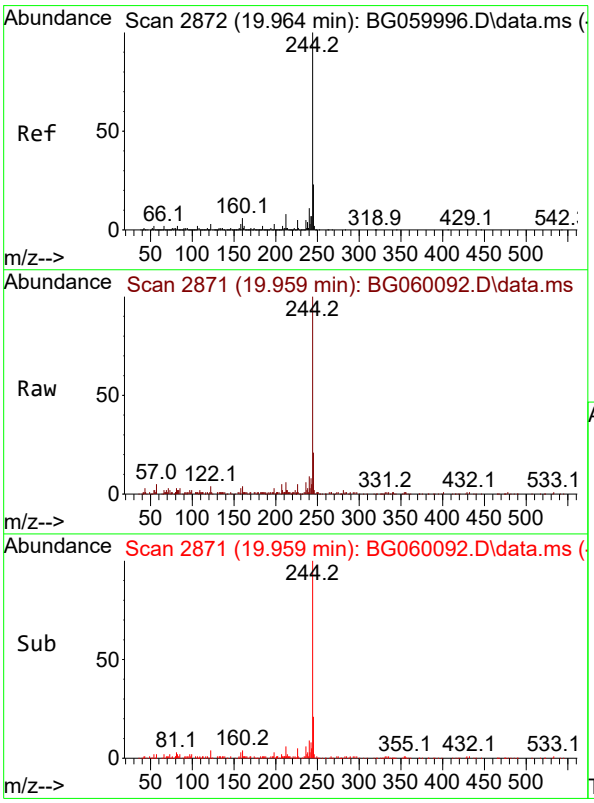
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
DUP-01DL2

Tgt Ion:240 Resp: 633221

Ion	Ratio	Lower	Upper
240	100		
120	1.2	2.9	4.3#
236	25.6	19.4	29.2

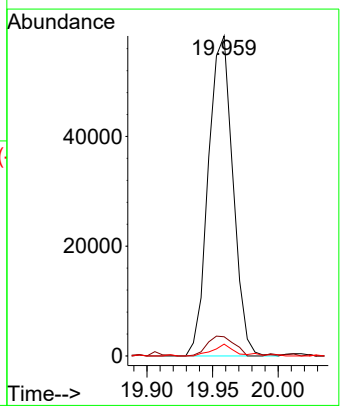


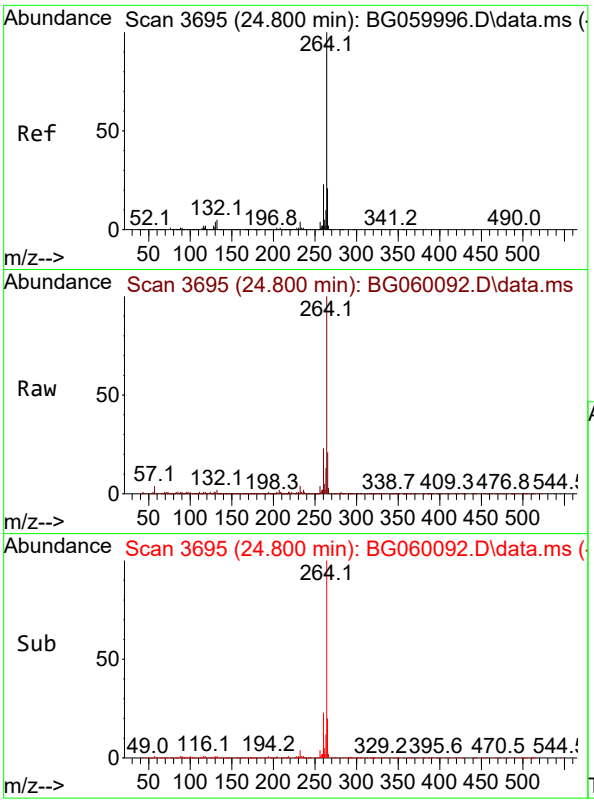


#79
Terphenyl-d14
Concen: 2.189 ng
RT: 19.959 min Scan# 2871
Delta R.T. -0.009 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Tgt Ion:244 Resp: 75929

Ion	Ratio	Lower	Upper
244	100		
212	6.0	6.8	10.2#
122	3.7	2.6	3.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.800 min Scan# 3
Delta R.T. -0.015 min
Lab File: BG060092.D
Acq: 19 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
DUP-01DL2

Tgt Ion:264 Resp: 738127

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.2	17.3	25.9