Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011024\
Data File : BG060301.D
Acq On : 10 Jan 2024 16:30
Operator : MA/JU
Sample : P1015-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MR-301P-0-2

Quant Time: Jan 10 17:22:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	274706	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	1039263	20.000	ng	0.00
39) Acenaphthene-d10	14.570	164	758711	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	1836132	20.000	ng	0.00
76) Chrysene-d12	21.585	240	1824379	20.000	ng	0.00
86) Perylene-d12	24.758	264	1998447	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1736042	103.945	ng	0.00
7) Phenol-d6	7.090	99	2516198	101.742	ng	0.00
23) Nitrobenzene-d5	9.088	82	1801457	81.851	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	1462050	130.975	ng	0.00
45) 2-Fluorobiphenyl	13.189	172	4285423	78.529	ng	0.00
79) Terphenyl-d14	19.940	244	6146094	84.934	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.094	70	223557	13.061	ng	# 85
32) Benzoic acid	10.145	122	348	10.229	ng	92
51) 2,6-Dinitrotoluene	14.570	165	103045	8.329	ng	# 33
54) 2,4-Dinitrophenol	14.711	184	132	8.602	ng	# 52
57) 2,4-Dinitrotoluene	14.570	165	103045	6.074	ng	# 26
67) 4-Bromophenyl-phenylether	16.062	248	92170	4.568	ng	# 1

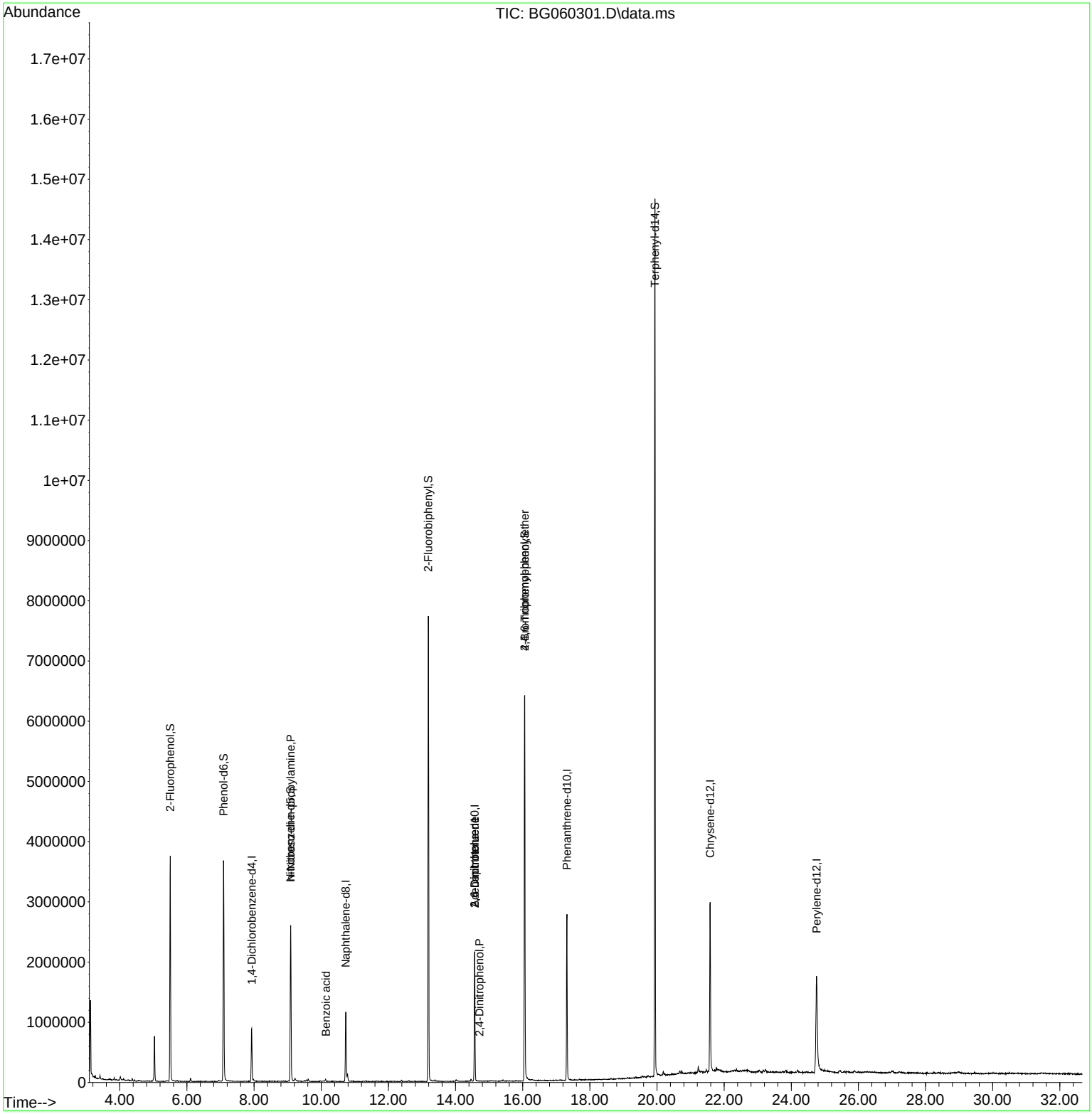
(#) = qualifier out of range (m) = manual integration (+) = signals summed

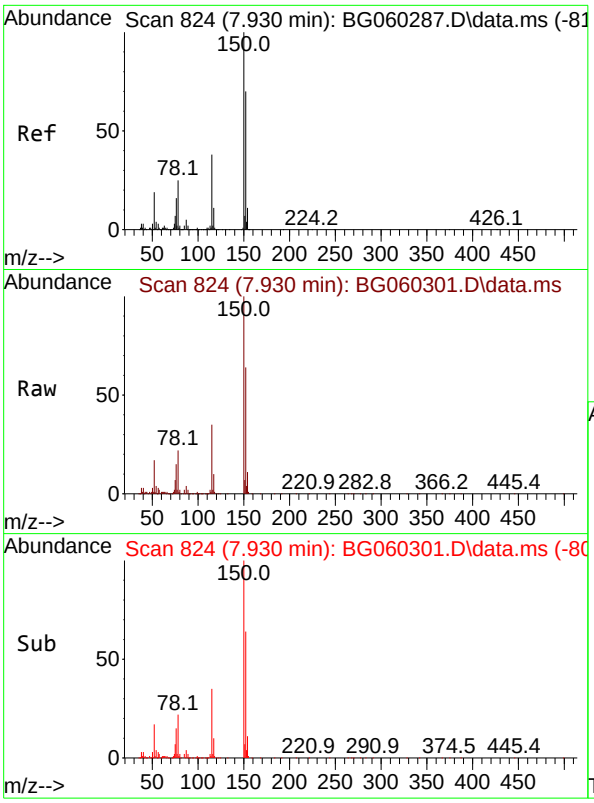
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011024\
Data File : BG060301.D
Acq On : 10 Jan 2024 16:30
Operator : MA/JU
Sample : P1015-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MR-301P-0-2

Quant Time: Jan 10 17:22:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration



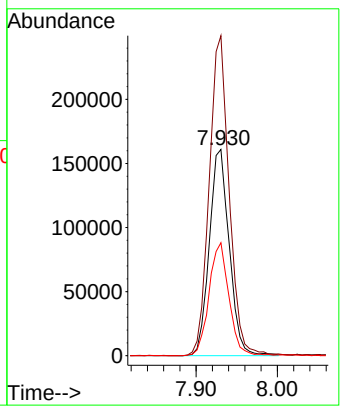


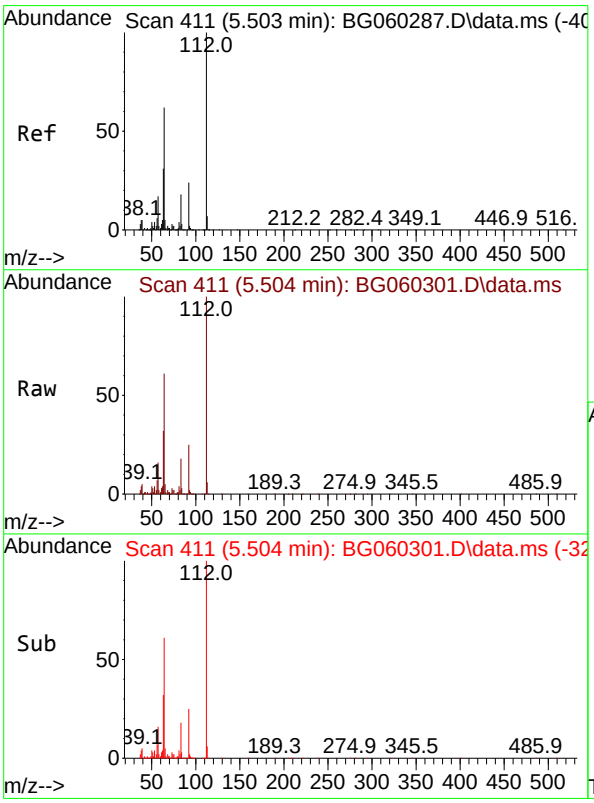
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Instrument :
BNA_G
ClientSampleId :
MR-301P-0-2

Tgt Ion:152 Resp: 274706

Ion	Ratio	Lower	Upper
152	100		
150	155.2	114.5	171.7
115	54.8	43.0	64.6

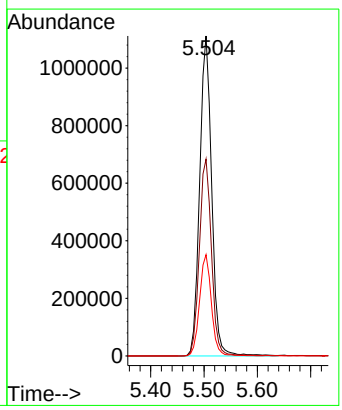


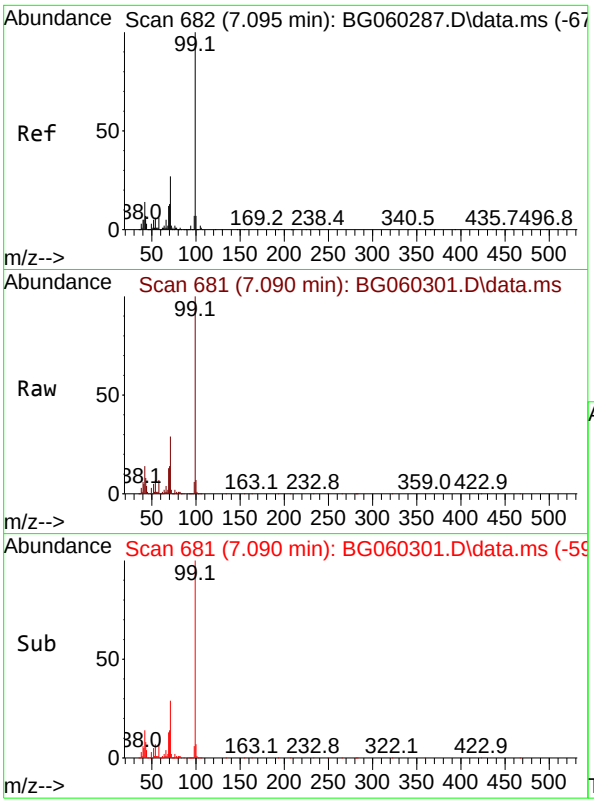


#5
2-Fluorophenol
Concen: 103.945 ng
RT: 5.504 min Scan# 411
Delta R.T. 0.001 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Tgt Ion:112 Resp: 1736042

Ion	Ratio	Lower	Upper
112	100		
64	61.5	49.8	74.6
63	31.7	24.4	36.6



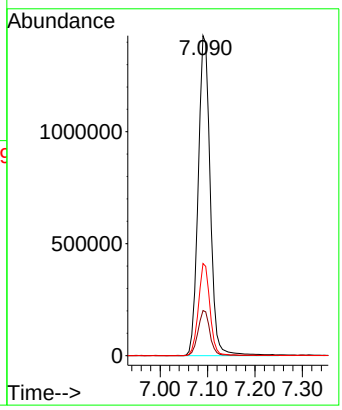


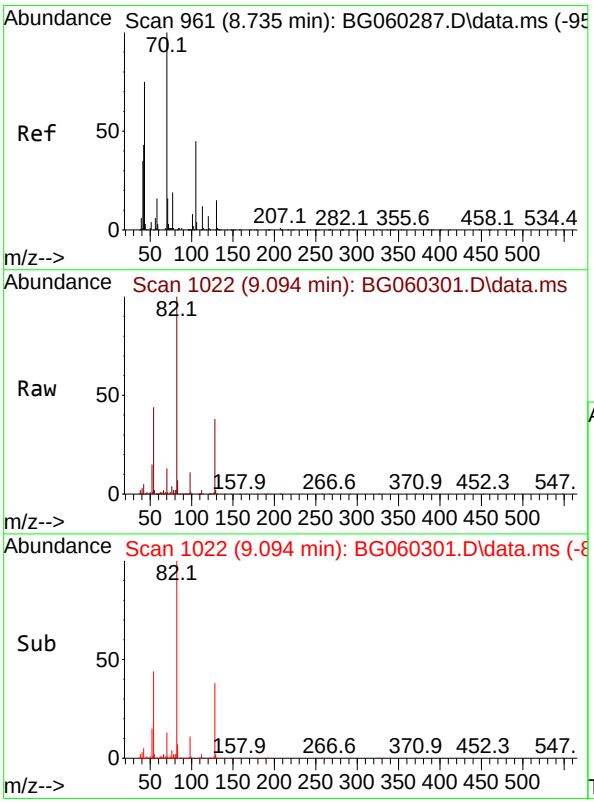
#7
Phenol-d6
Concen: 101.742 ng
RT: 7.090 min Scan# 6
Delta R.T. -0.005 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Instrument :
BNA_G
ClientSampleId :
MR-301P-0-2

Tgt Ion: 99 Resp: 2516198

Ion	Ratio	Lower	Upper
99	100		
42	14.1	10.9	16.3
71	28.8	21.5	32.3

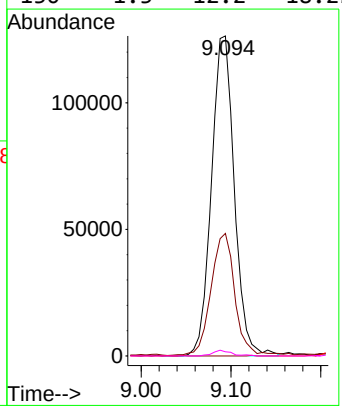


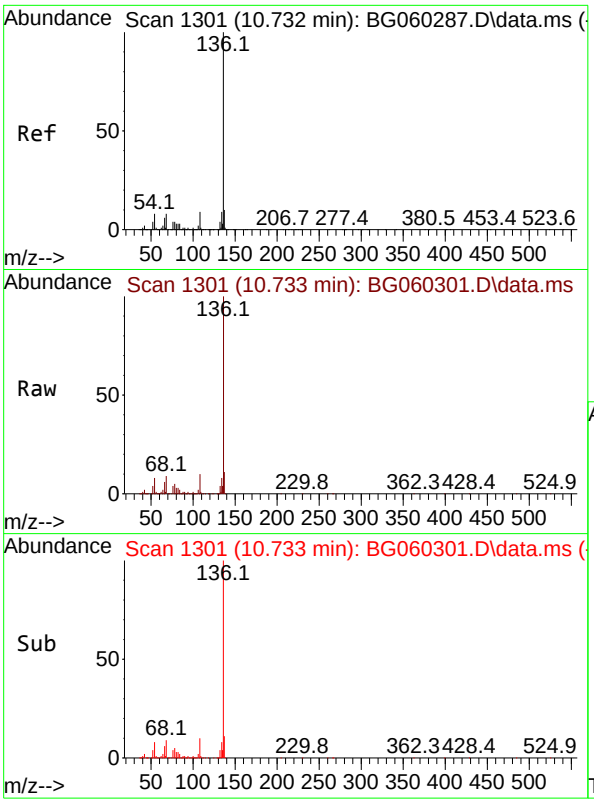


#19
n-Nitroso-di-n-propylamine
Concen: 13.061 ng
RT: 9.094 min Scan# 1022
Delta R.T. 0.359 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Tgt Ion: 70 Resp: 223557

Ion	Ratio	Lower	Upper
70	100		
42	38.3	34.3	51.5
101	0.0	6.2	9.2#
130	1.3	12.2	18.2#



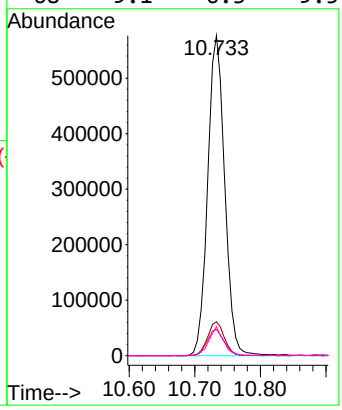


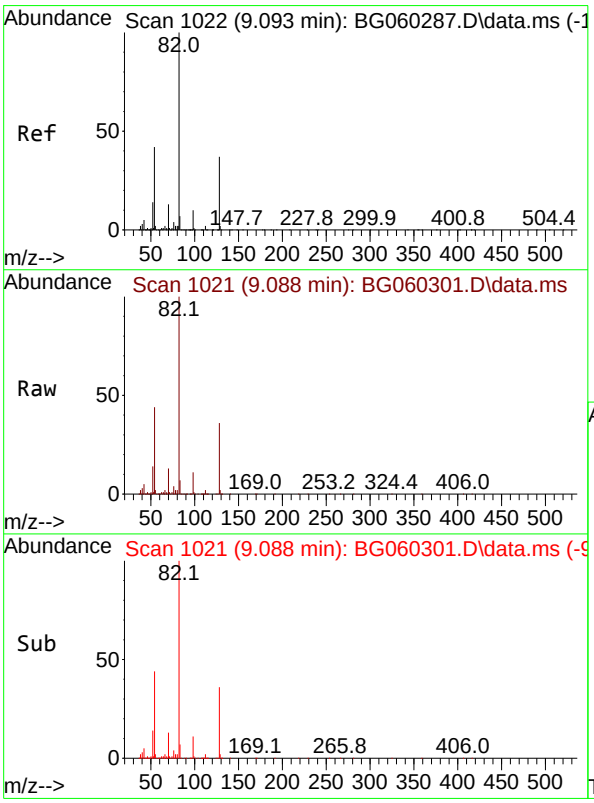
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Instrument :
BNA_G
ClientSampleId :
MR-301P-0-2

Tgt Ion:136 Resp: 1039263

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	8.2	6.2	9.2
68	9.1	6.3	9.5

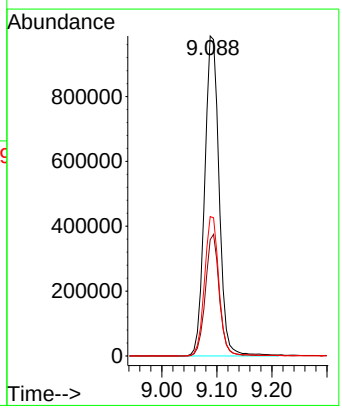


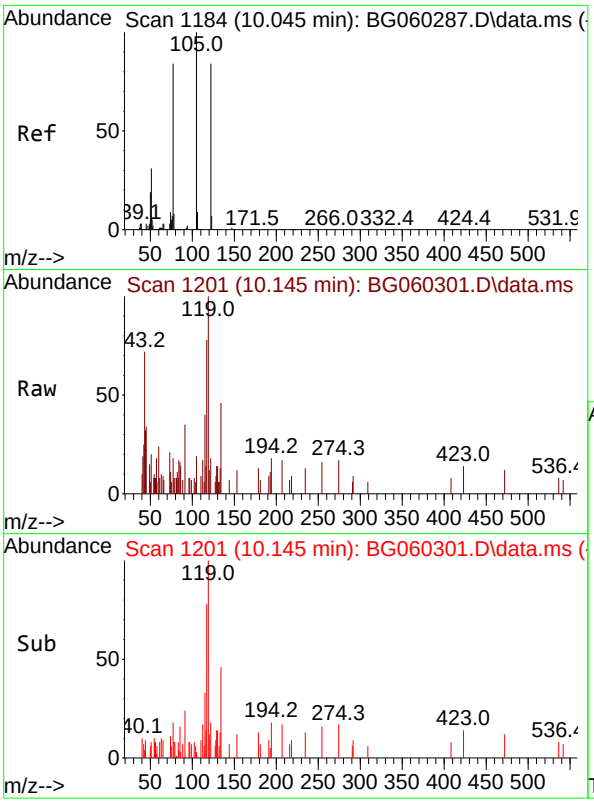


#23
Nitrobenzene-d5
Concen: 81.851 ng
RT: 9.088 min Scan# 1021
Delta R.T. -0.005 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Tgt Ion: 82 Resp: 1801457

Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.6	44.4
54	43.5	33.6	50.4



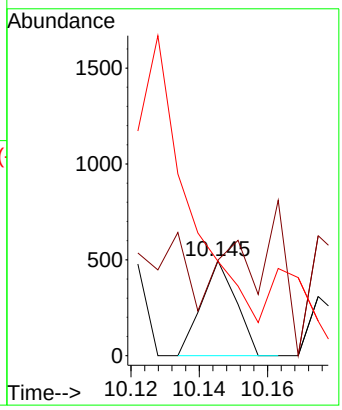


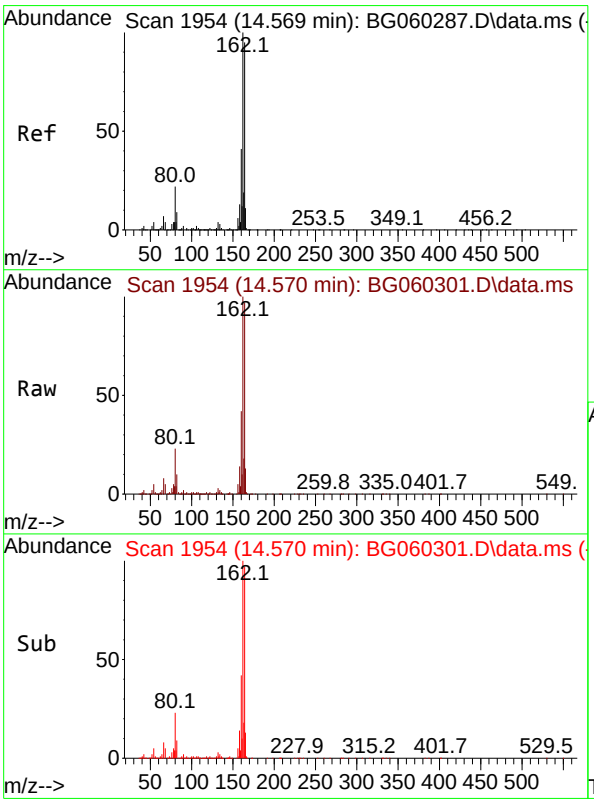
#32
Benzoic acid
Concen: 10.229 ng
RT: 10.145 min Scan# 1
Delta R.T. 0.100 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Instrument :
BNA_G
ClientSampleId :
MR-301P-0-2

Tgt Ion:122 Resp: 348

Ion	Ratio	Lower	Upper
122	100		
105	101.0	96.0	136.0
77	99.6	80.1	120.1

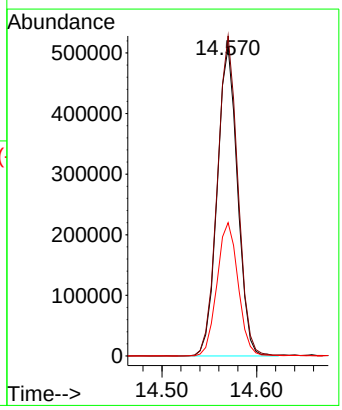


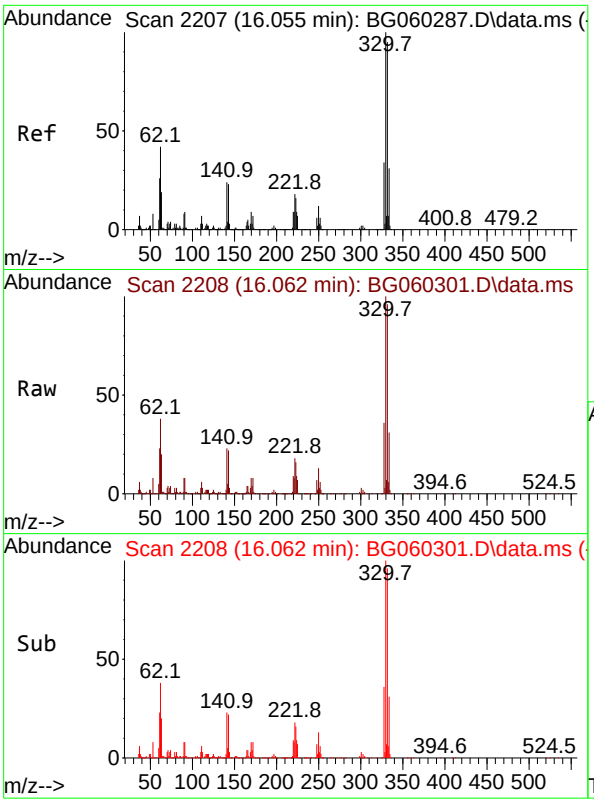


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.570 min Scan# 1954
Delta R.T. 0.001 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Tgt Ion:164 Resp: 758711

Ion	Ratio	Lower	Upper
164	100		
162	103.6	84.4	126.6
160	43.1	34.6	52.0



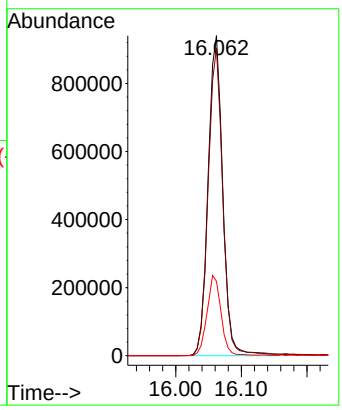


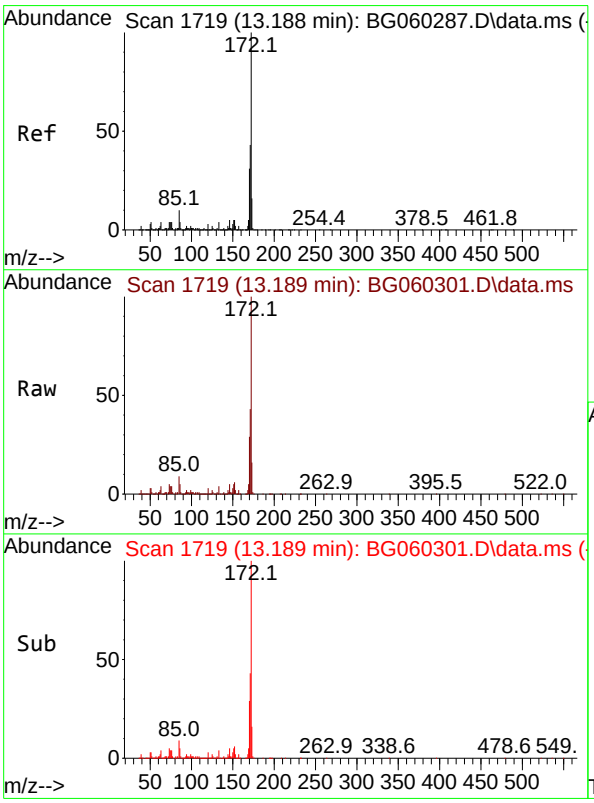
#42
2,4,6-Tribromophenol
Concen: 130.975 ng
RT: 16.062 min Scan# 2
Delta R.T. 0.007 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Instrument :
BNA_G
ClientSampleId :
MR-301P-0-2

Tgt Ion:330 Resp: 1462050

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.7	115.1
141	24.0	18.6	28.0

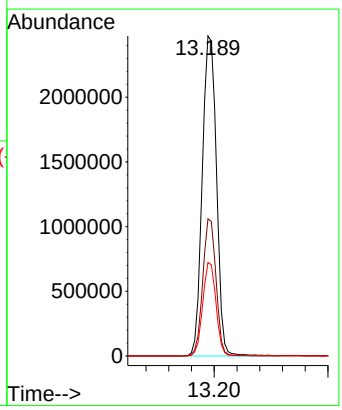


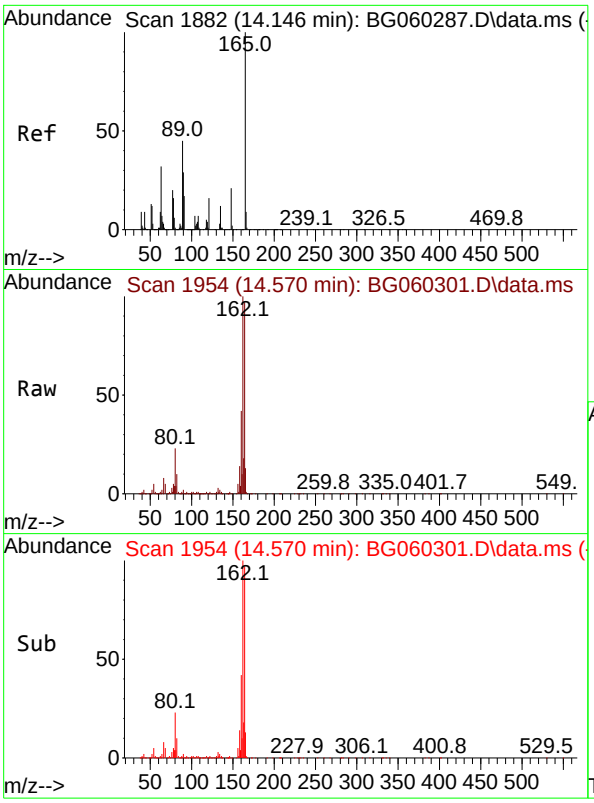


#45
2-Fluorobiphenyl
Concen: 78.529 ng
RT: 13.189 min Scan# 1719
Delta R.T. 0.001 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Tgt Ion:172 Resp: 4285423

Ion	Ratio	Lower	Upper
172	100		
171	42.8	34.6	51.8
170	29.2	24.4	36.6



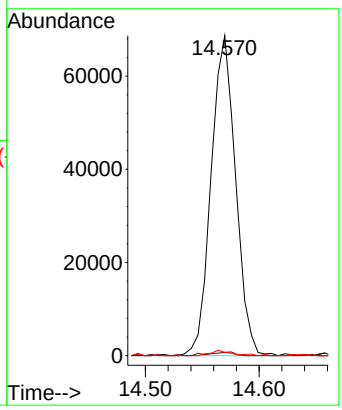


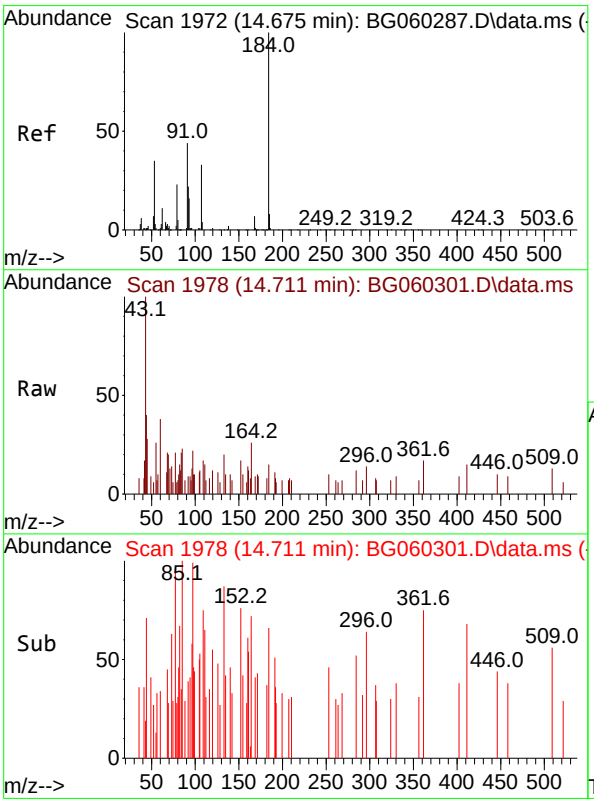
#51
2,6-Dinitrotoluene
Concen: 8.329 ng
RT: 14.570 min Scan# 1
Delta R.T. 0.424 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Instrument :
BNA_G
ClientSampleId :
MR-301P-0-2

Tgt Ion:165 Resp: 103045

Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.0	52.4#
89	1.0	36.2	54.2#

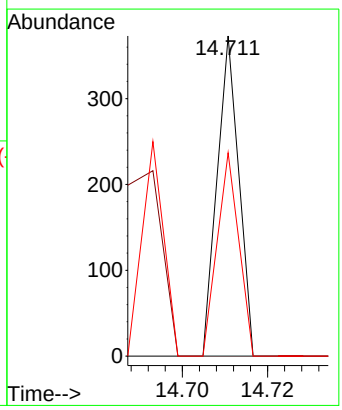


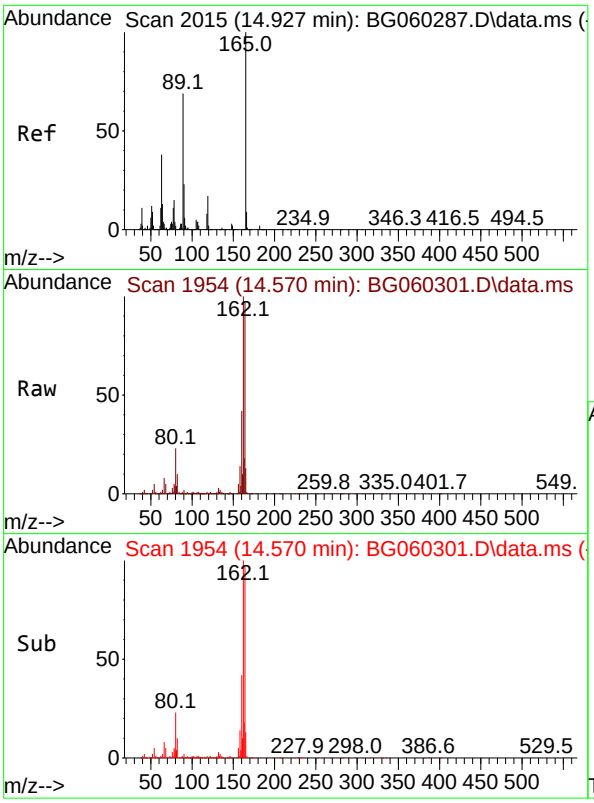


#54
2,4-Dinitrophenol
Concen: 8.602 ng
RT: 14.711 min Scan# 1978
Delta R.T. 0.036 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Tgt Ion:184 Resp: 132

Ion	Ratio	Lower	Upper
184	100		
63	0.0	41.0	61.4#
154	63.5	39.2	58.8#



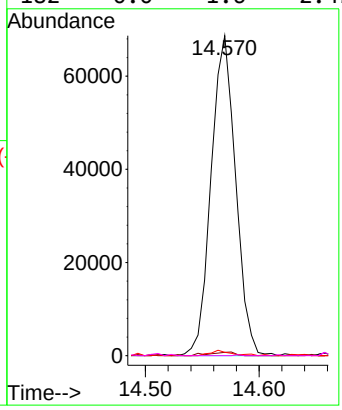


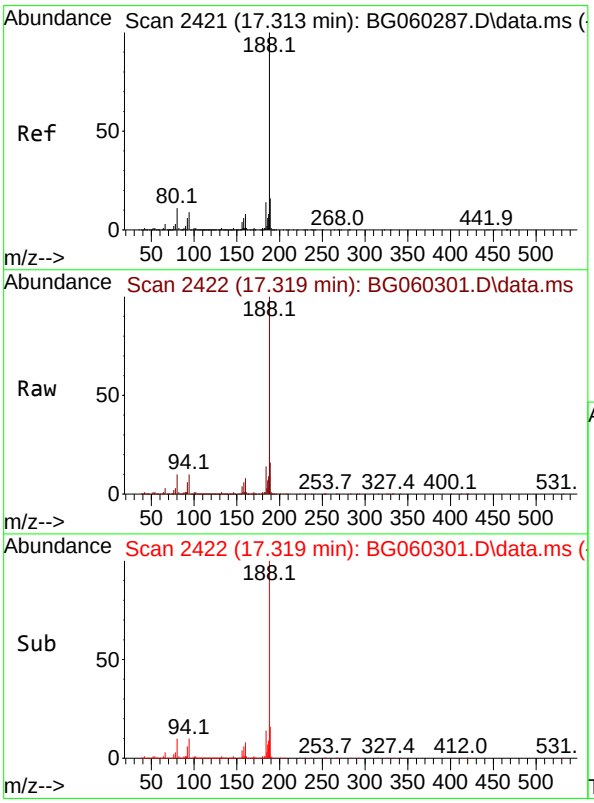
#57
2,4-Dinitrotoluene
Concen: 6.074 ng
RT: 14.570 min Scan# 1
Delta R.T. -0.358 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Instrument :
BNA_G
ClientSampleId :
MR-301P-0-2

Tgt Ion:165 Resp: 103045

Ion	Ratio	Lower	Upper
165	100		
63	1.1	30.4	45.6#
89	1.0	55.4	83.0#
182	0.0	1.6	2.4#

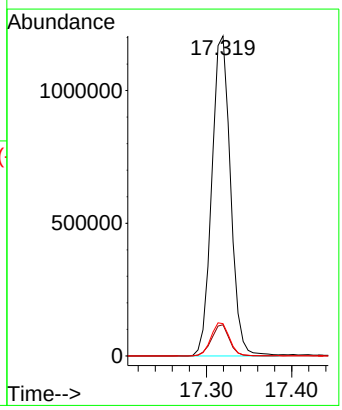


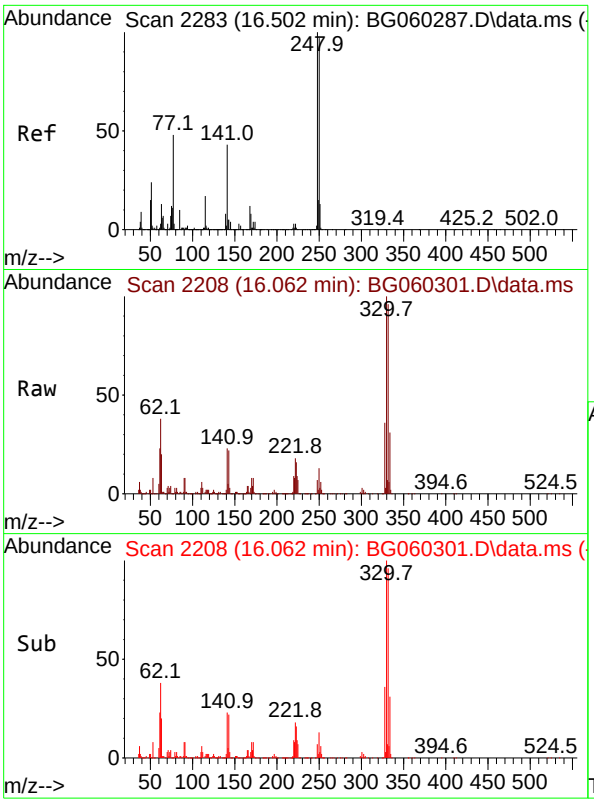


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.319 min Scan# 2422
Delta R.T. 0.007 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Tgt Ion:188 Resp: 1836132

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.1	10.7
80	10.1	8.5	12.7



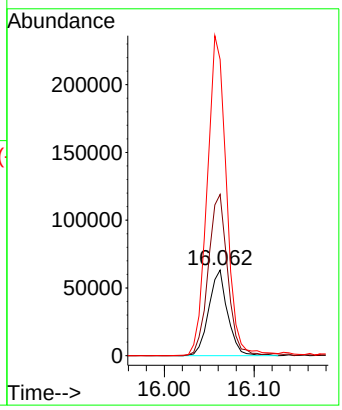


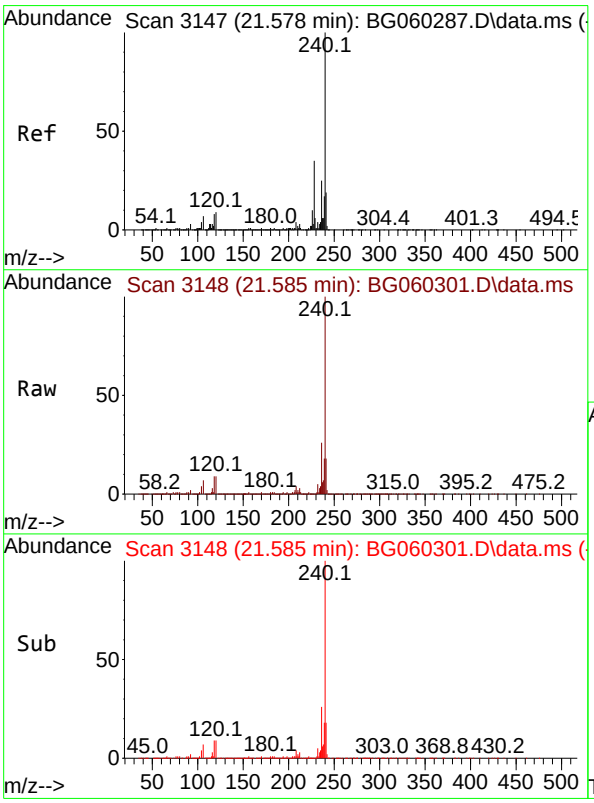
#67
4-Bromophenyl-phenylether
Concen: 4.568 ng
RT: 16.062 min Scan# 2
Delta R.T. -0.440 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Instrument :
BNA_G
ClientSampleId :
MR-301P-0-2

Tgt Ion:248 Resp: 92170

Ion	Ratio	Lower	Upper
248	100		
250	188.5	77.6	116.4#
141	346.1	34.2	51.4#

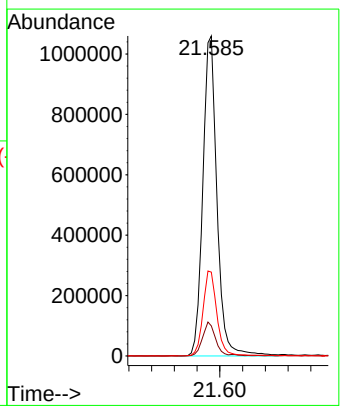


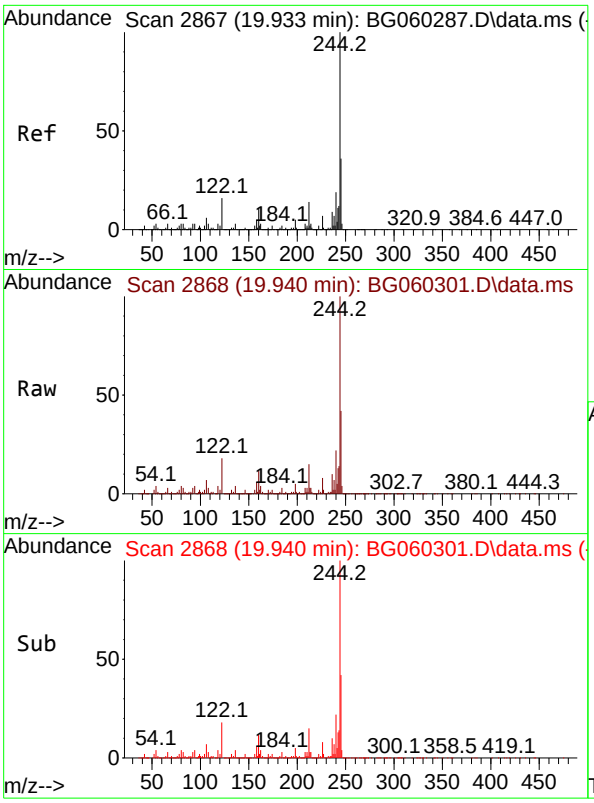


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.585 min Scan# 3148
Delta R.T. 0.007 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Tgt Ion:240 Resp: 1824379

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.3	10.9
236	26.2	20.3	30.5



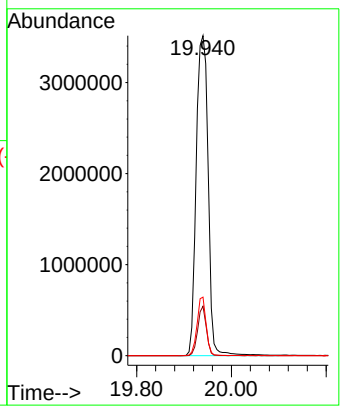


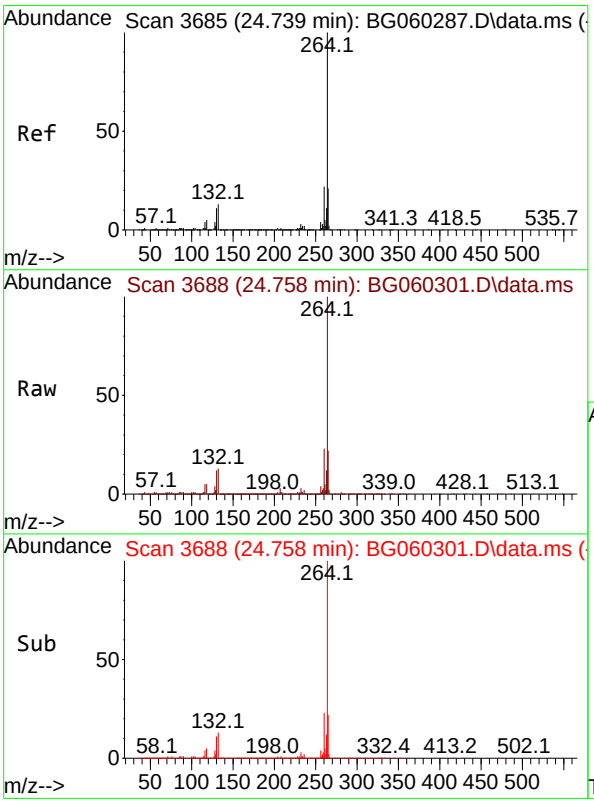
#79
Terphenyl-d14
Concen: 84.934 ng
RT: 19.940 min Scan# 2
Delta R.T. 0.007 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Instrument :
BNA_G
ClientSampleId :
MR-301P-0-2

Tgt Ion:244 Resp: 6146094

Ion	Ratio	Lower	Upper
244	100		
212	15.5	10.9	16.3
122	18.3	12.6	18.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.758 min Scan# 3688
Delta R.T. 0.018 min
Lab File: BG060301.D
Acq: 10 Jan 2024 16:30

Tgt Ion:264 Resp: 1998447

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.8	26.6
265	22.1	16.8	25.2