Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
Data File : BG061207.D
Acq On : 15 May 2024 15:40
Operator : MA/JU
Sample : P2468-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-MH-II

Quant Time: May 15 16:23:56 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	7.928	152	23444	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	93040	20.000	ng	-0.03
39) Acenaphthene-d10	14.556	164	71460	20.000	ng	-0.03
64) Phenanthrene-d10	17.305	188	168870	20.000	ng	-0.03
76) Chrysene-d12	21.565	240	177237	20.000	ng	-0.03
86) Perylene-d12	24.685	264	206636	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	148887	129.158	ng	-0.02
7) Phenol-d6	7.112	99	183811	107.789	ng	-0.02
23) Nitrobenzene-d5	9.086	82	164980	87.902	ng	-0.03
42) 2,4,6-Tribromophenol	16.054	330	159790	111.870	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	441368	91.332	ng	-0.03
79) Terphenyl-d14	19.926	244	948462	89.001	ng	-0.03
Target Compounds						Qvalue
77) Benzidine	19.544	184	86019	26.815	ng	98

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

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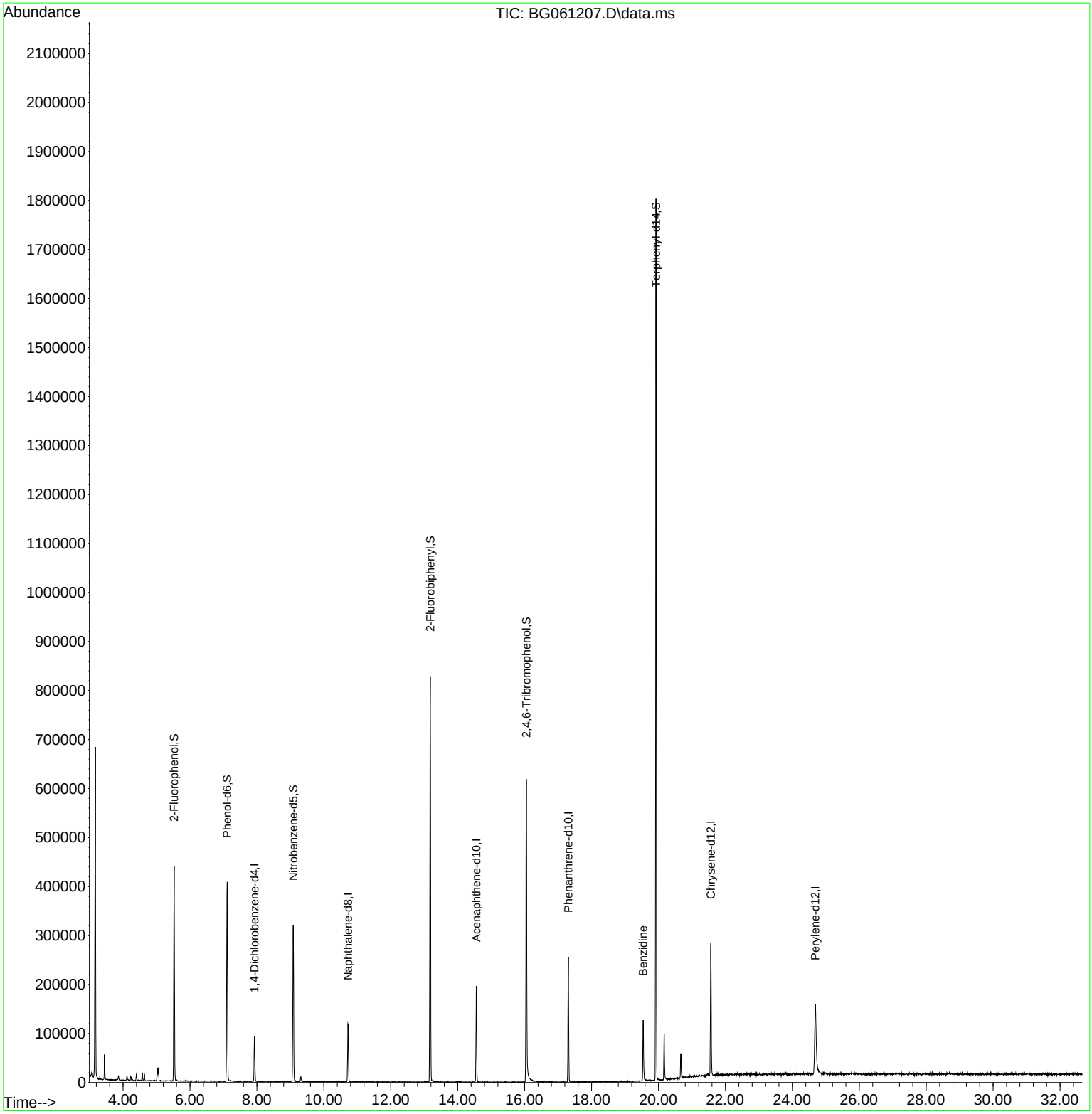
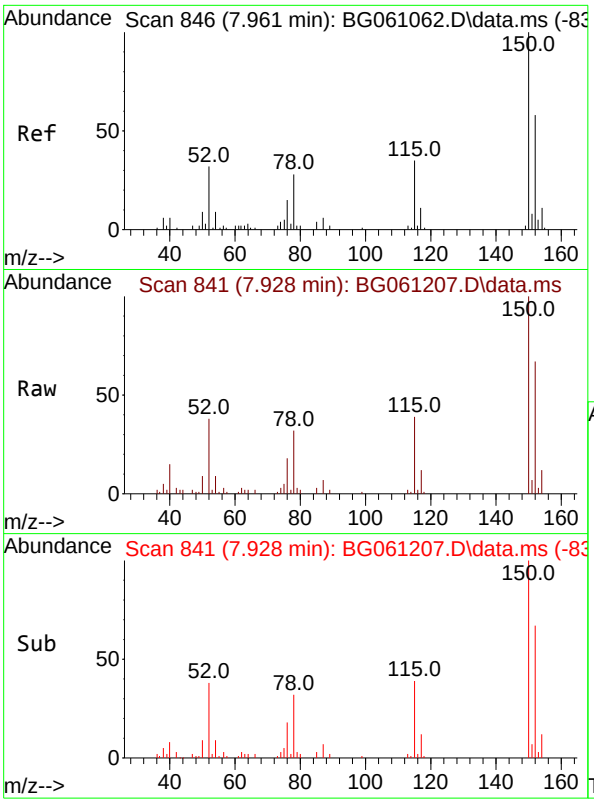
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration



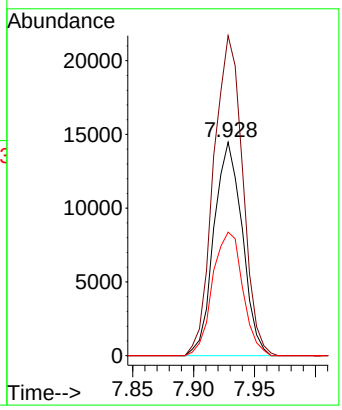


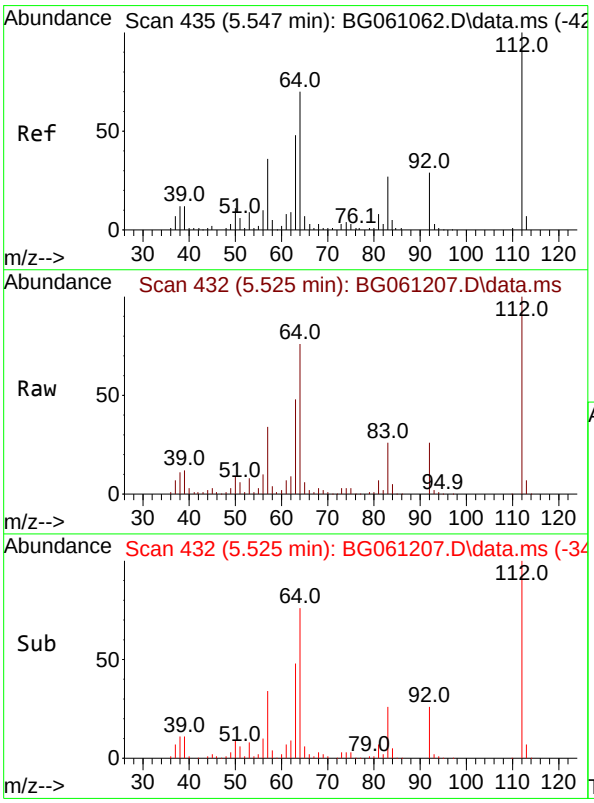
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 84
Delta R.T. -0.033 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Instrument :
BNA_G
ClientSampleId :
WC-MH-II

Tgt Ion:152 Resp: 23444

Ion	Ratio	Lower	Upper
152	100		
150	149.9	138.3	207.5
115	57.8	48.0	72.0

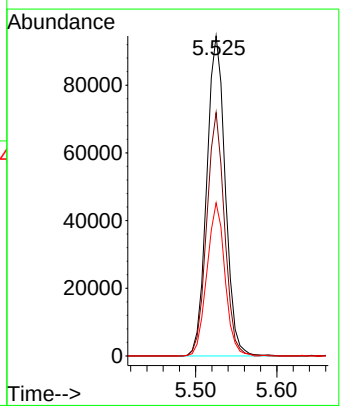


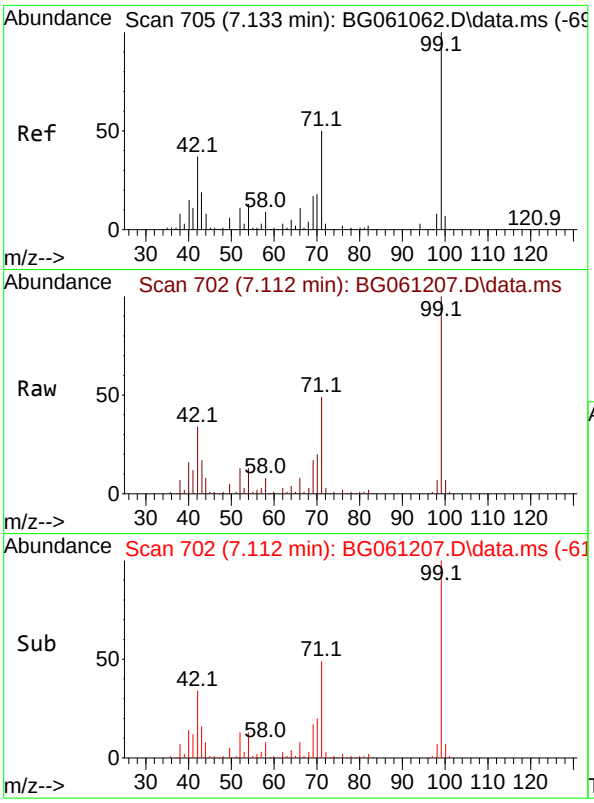


#5
2-Fluorophenol
Concen: 129.158 ng
RT: 5.525 min Scan# 432
Delta R.T. -0.021 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Tgt Ion:112 Resp: 148887

Ion	Ratio	Lower	Upper
112	100		
64	76.1	55.7	83.5
63	47.9	38.1	57.1



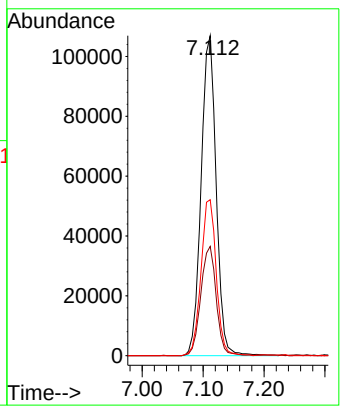


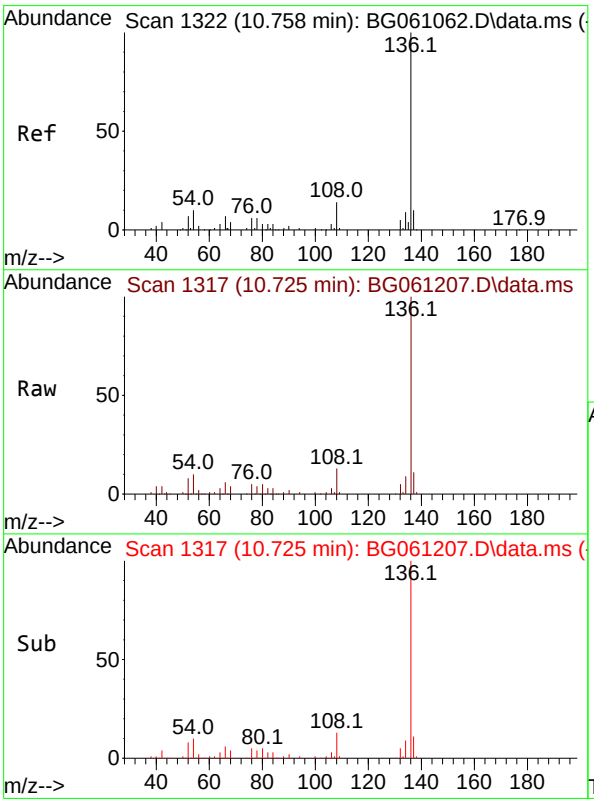
#7
Phenol-d6
Concen: 107.789 ng
RT: 7.112 min Scan# 7(
Delta R.T. -0.021 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Instrument :
BNA_G
ClientSampleId :
WC-MH-II

Tgt Ion: 99 Resp: 183811

Ion	Ratio	Lower	Upper
99	100		
42	34.2	29.2	43.8
71	48.7	39.7	59.5

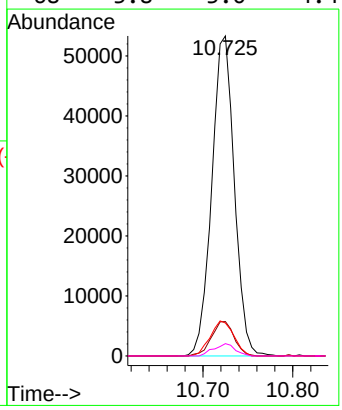


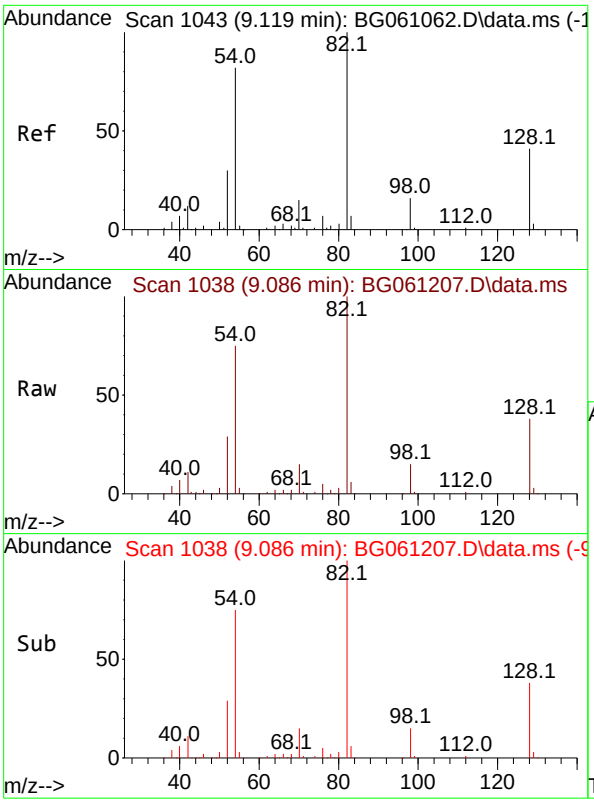


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1317
Delta R.T. -0.033 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Tgt Ion:136 Resp: 93040

Ion	Ratio	Lower	Upper
136	100		
137	10.7	7.8	11.6
54	10.3	8.1	12.1
68	3.8	3.0	4.4



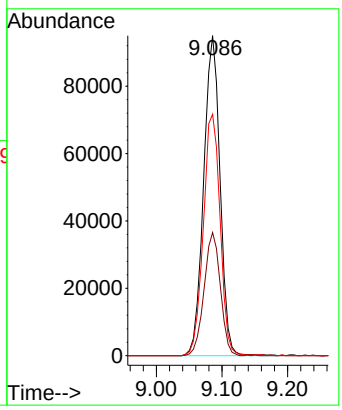


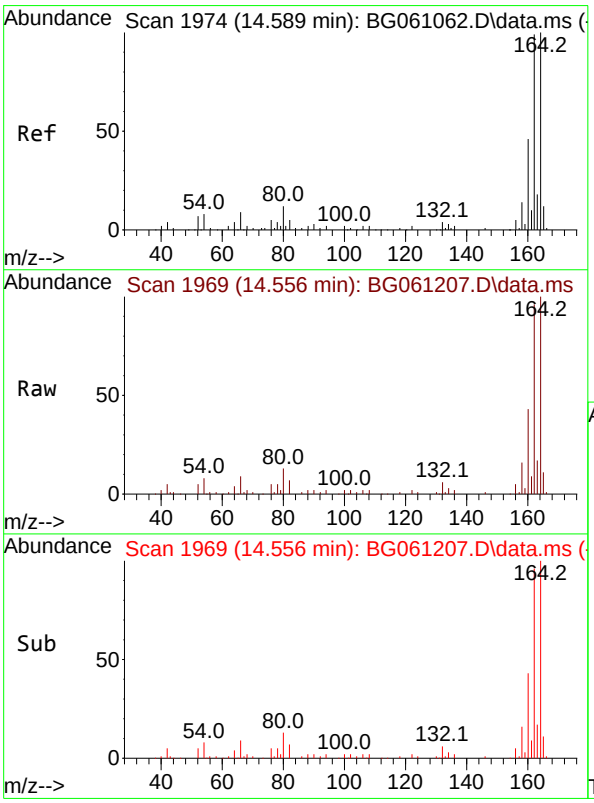
#23
Nitrobenzene-d5
Concen: 87.902 ng
RT: 9.086 min Scan# 1
Delta R.T. -0.033 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Instrument :
BNA_G
ClientSampleId :
WC-MH-II

Tgt Ion: 82 Resp: 164980

Ion	Ratio	Lower	Upper
82	100		
128	38.5	32.7	49.1
54	75.4	65.6	98.4

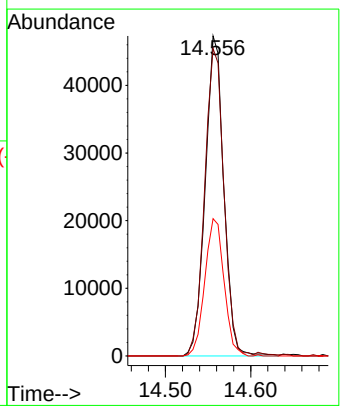


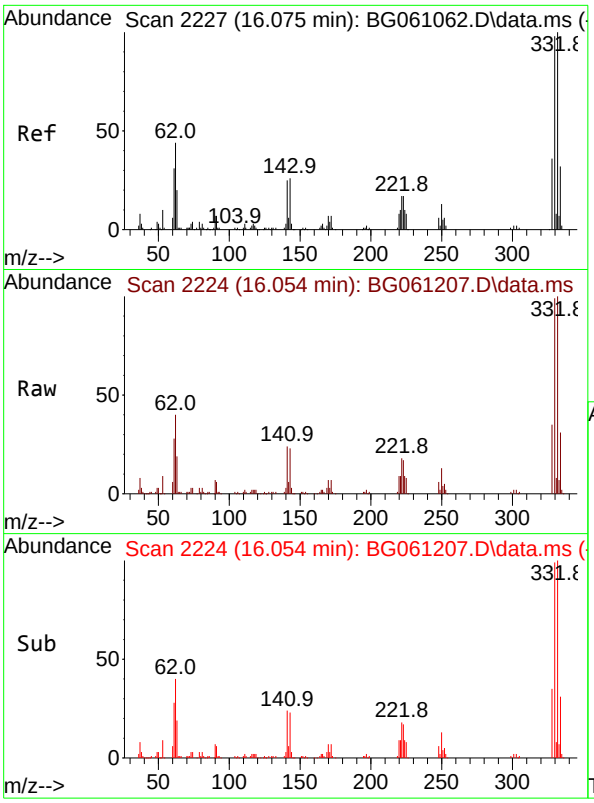


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.556 min Scan# 1969
Delta R.T. -0.033 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Tgt Ion:164 Resp: 71460

Ion	Ratio	Lower	Upper
164	100		
162	96.1	79.4	119.2
160	42.9	37.0	55.6



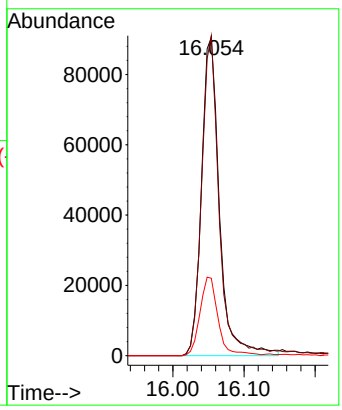


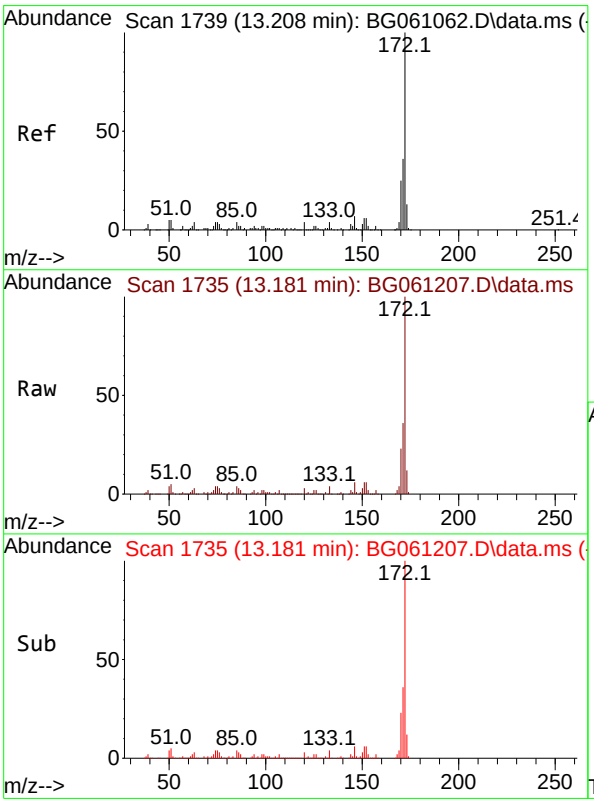
#42
2,4,6-Tribromophenol
Concen: 111.870 ng
RT: 16.054 min Scan# 2
Delta R.T. -0.021 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Instrument :
BNA_G
ClientSampleId :
WC-MH-II

Tgt Ion:330 Resp: 159790

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.6	117.8
141	24.8	20.5	30.7

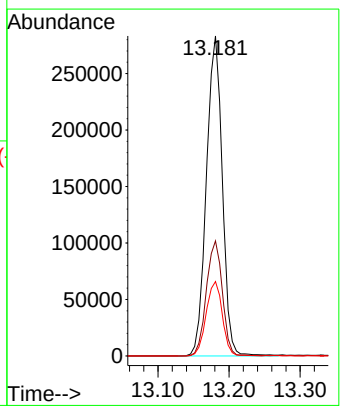


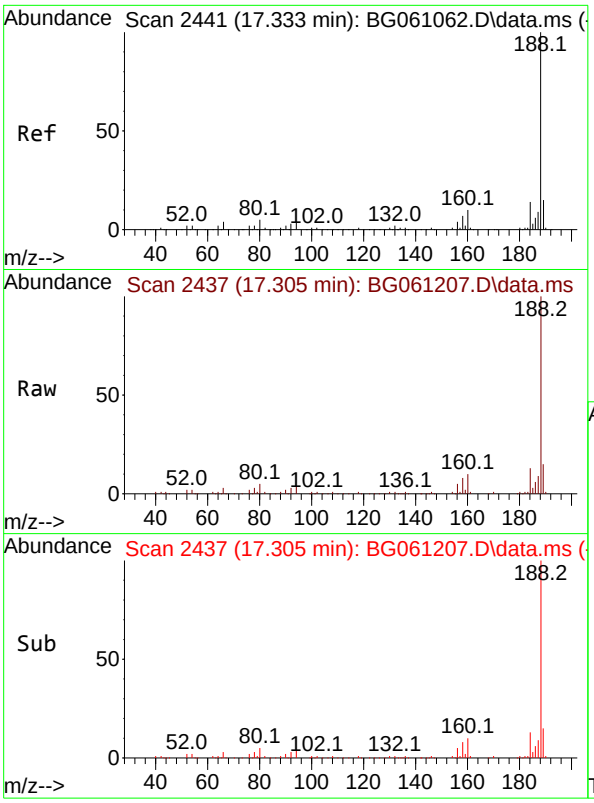


#45
2-Fluorobiphenyl
Concen: 91.332 ng
RT: 13.181 min Scan# 1735
Delta R.T. -0.027 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Tgt Ion:172 Resp: 441368

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	23.3	20.2	30.4



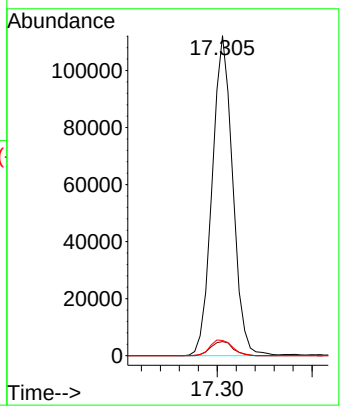


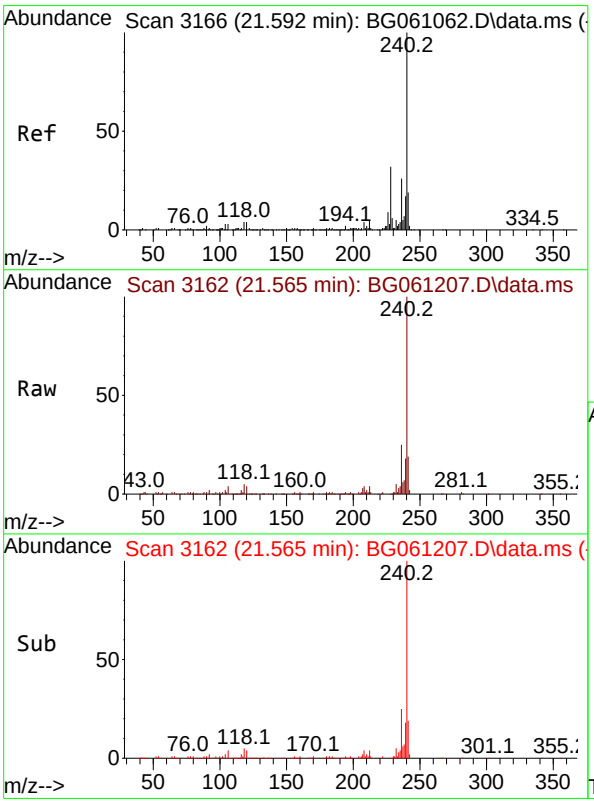
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.305 min Scan# 24
Delta R.T. -0.027 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Instrument :
BNA_G
ClientSampleId :
WC-MH-II

Tgt Ion:188 Resp: 168870

Ion	Ratio	Lower	Upper
188	100		
94	4.4	3.6	5.4
80	4.8	4.2	6.2

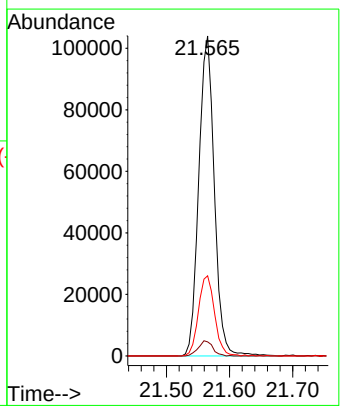


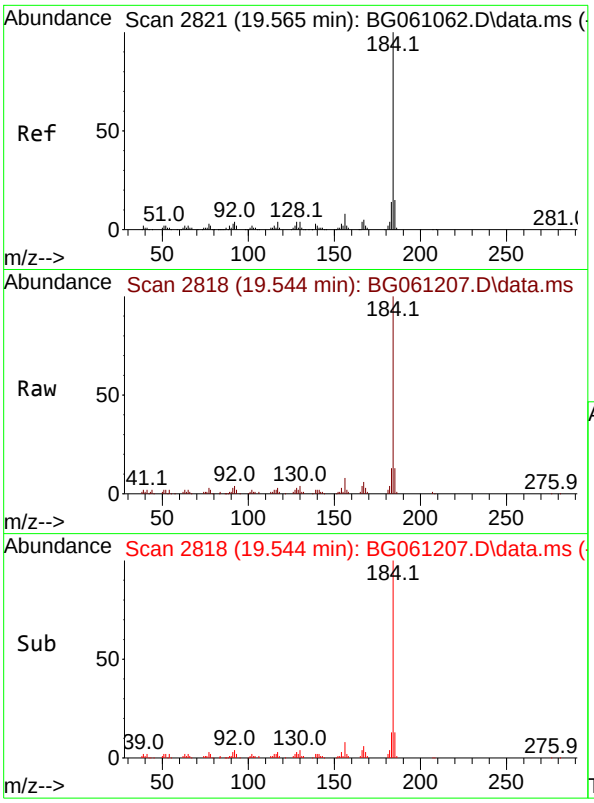


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3162
Delta R.T. -0.027 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Tgt Ion:240 Resp: 177237

Ion	Ratio	Lower	Upper
240	100		
120	4.4	3.2	4.8
236	25.1	21.0	31.6



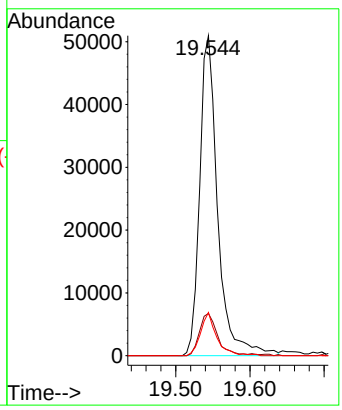


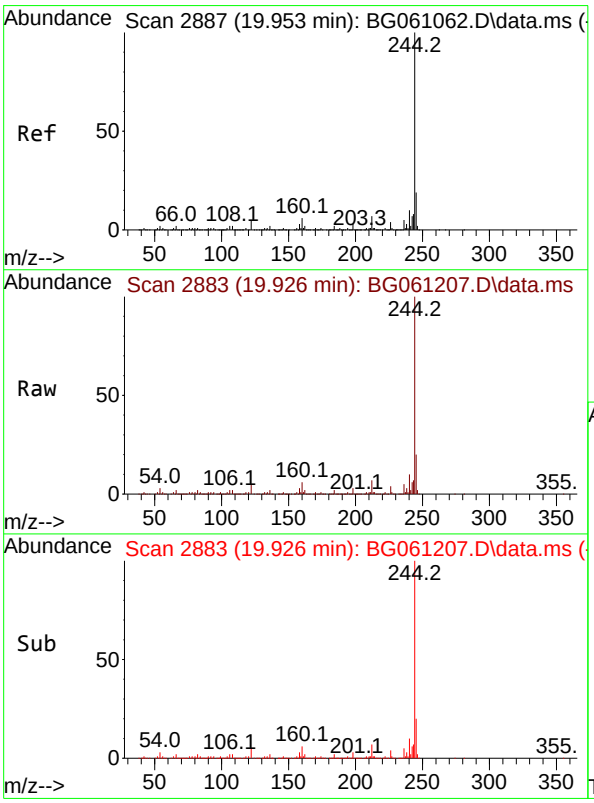
#77
Benzidine
Concen: 26.815 ng
RT: 19.544 min Scan# 2
Delta R.T. -0.021 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Instrument :
BNA_G
ClientSampleId :
WC-MH-II

Tgt Ion:184 Resp: 86019

Ion	Ratio	Lower	Upper
184	100		
185	13.2	12.0	18.0
183	13.5	10.9	16.3

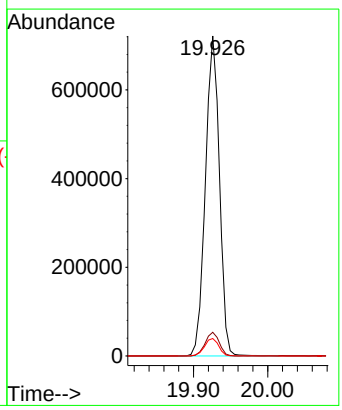


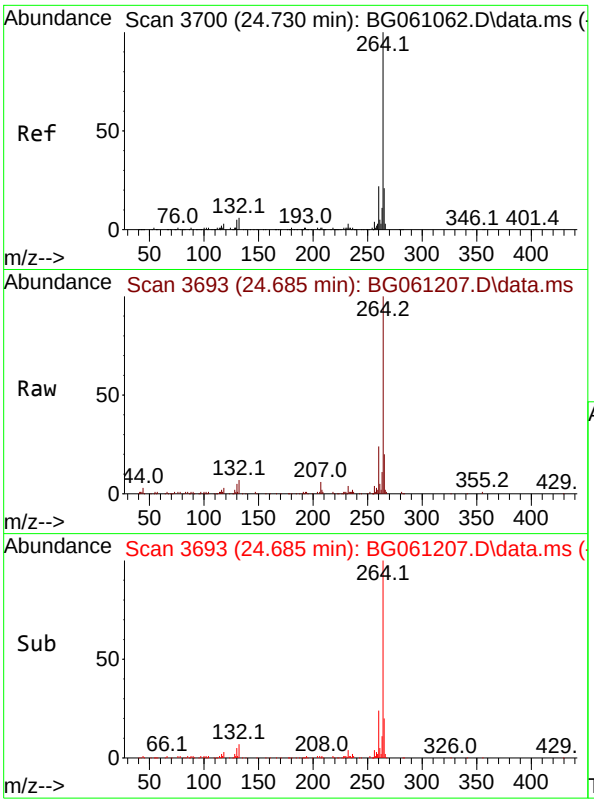


#79
Terphenyl-d14
Concen: 89.001 ng
RT: 19.926 min Scan# 2883
Delta R.T. -0.027 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Tgt Ion:244 Resp: 948462

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	5.4	4.2	6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.685 min Scan# 3
Delta R.T. -0.045 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Instrument :
BNA_G
ClientSampleId :
WC-MH-II

Tgt Ion:264 Resp: 206636

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.7	26.5
265	20.4	16.4	24.6