Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
Data File : BG062619.D
Acq On : 3 Sep 2024 10:29
Operator : MA/JU
Sample : PB162520BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB162520BL

Quant Time: Sep 04 04:29:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	54759	20.000	ng	0.00
21) Naphthalene-d8	10.714	136	220465	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	176338	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	522378	20.000	ng	0.00
76) Chrysene-d12	21.531	240	562709	20.000	ng	0.00
86) Perylene-d12	24.604	264	625177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	402874	127.172	ng	0.00
7) Phenol-d6	7.089	99	546778	119.474	ng	0.00
23) Nitrobenzene-d5	9.075	82	330788	80.807	ng	0.00
42) 2,4,6-Tribromophenol	16.031	330	325498	131.163	ng	0.00
45) 2-Fluorobiphenyl	13.170	172	903585	83.001	ng	0.00
79) Terphenyl-d14	19.909	244	2335864	82.310	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.075	70	42693	11.839	ng	# 78
51) 2,6-Dinitrotoluene	14.545	165	22927	9.400	ng	# 24
57) 2,4-Dinitrotoluene	14.545	165	22927	6.890	ng	# 24
67) 4-Bromophenyl-phenylether	16.031	248	20528	3.808	ng	# 1
77) Benzidine	19.909	184	37758	3.723	ng	# 92

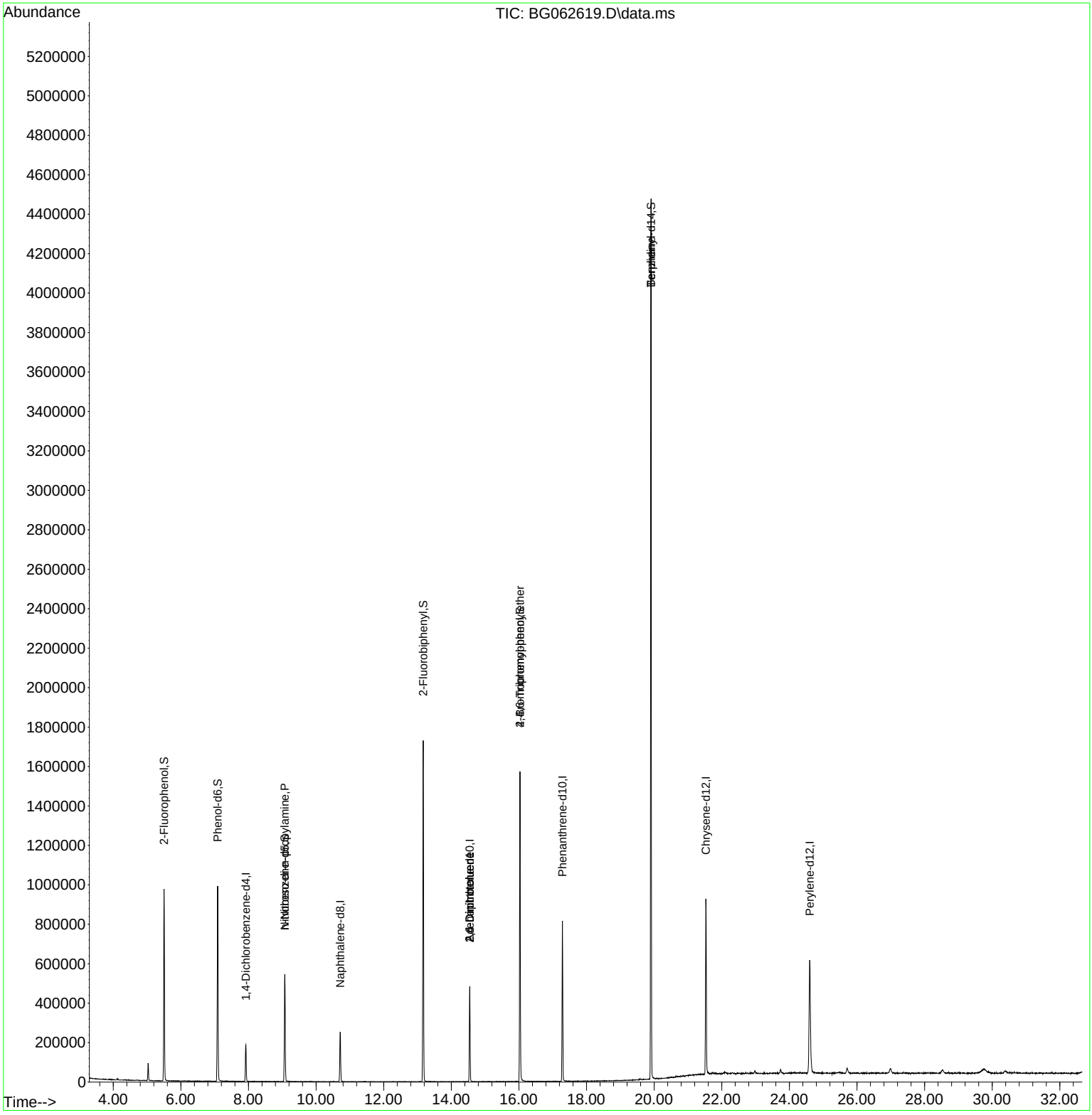
(#) = qualifier out of range (m) = manual integration (+) = signals summed

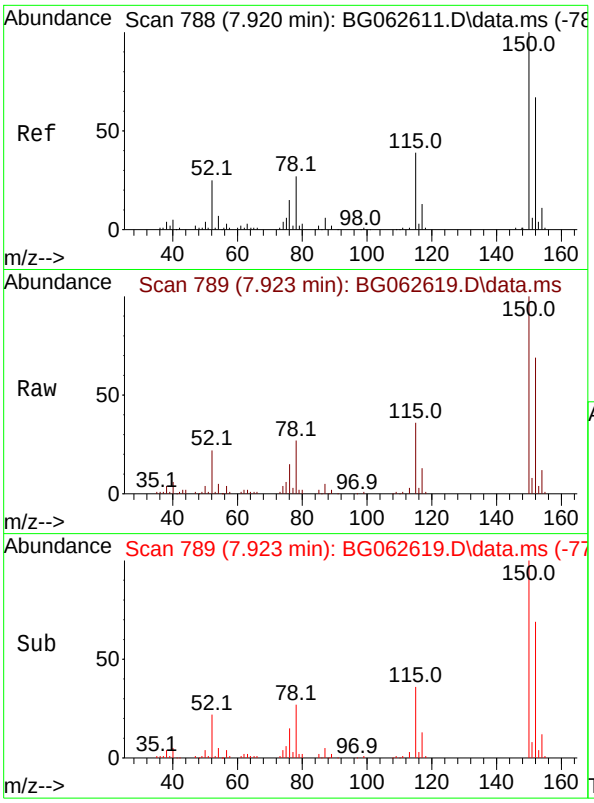
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
Data File : BG062619.D
Acq On : 3 Sep 2024 10:29
Operator : MA/JU
Sample : PB162520BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB162520BL

Quant Time: Sep 04 04:29:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration



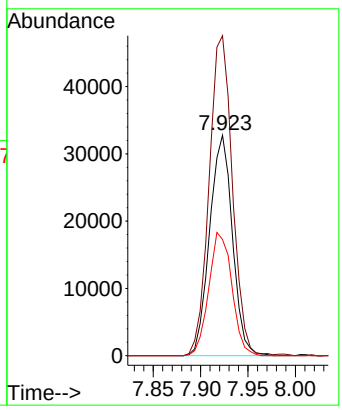


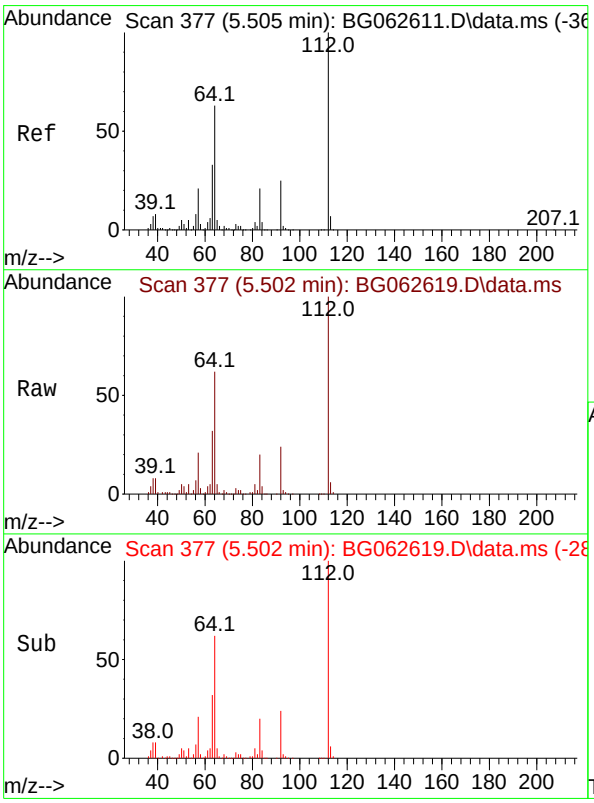
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 78
Delta R.T. 0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Instrument :
BNA_G
ClientSampleId :
PB162520BL

Tgt Ion:152 Resp: 54759

Ion	Ratio	Lower	Upper
152	100		
150	145.2	119.9	179.9
115	52.7	46.6	69.8

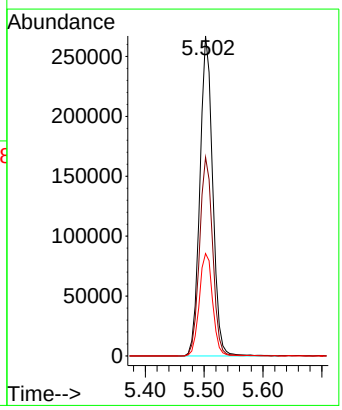


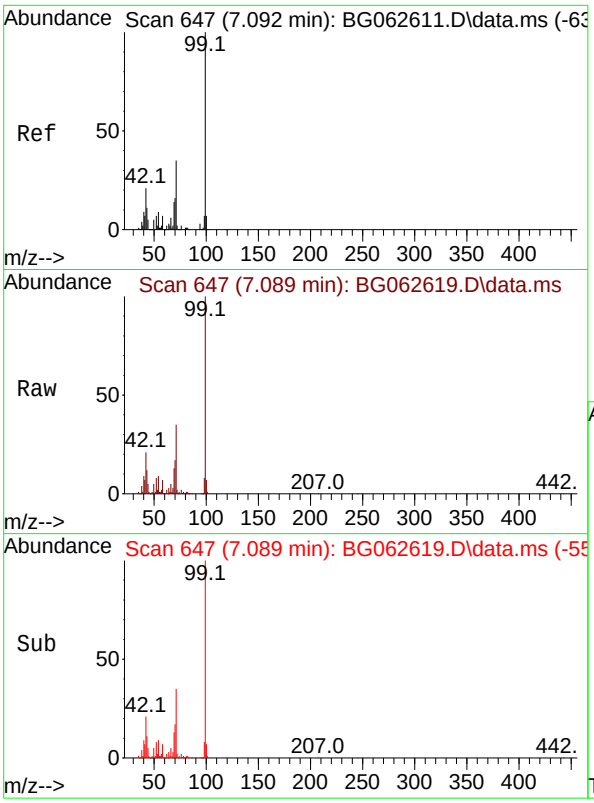


#5
2-Fluorophenol
Concen: 127.172 ng
RT: 5.502 min Scan# 377
Delta R.T. -0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Tgt Ion:112 Resp: 402874

Ion	Ratio	Lower	Upper
112	100		
64	62.1	50.2	75.2
63	32.0	26.6	39.8



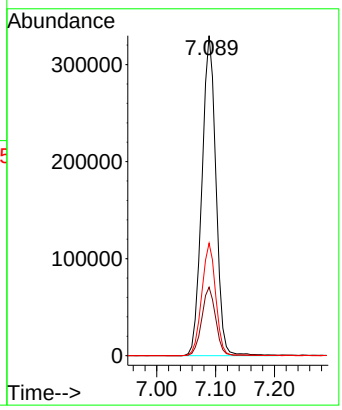


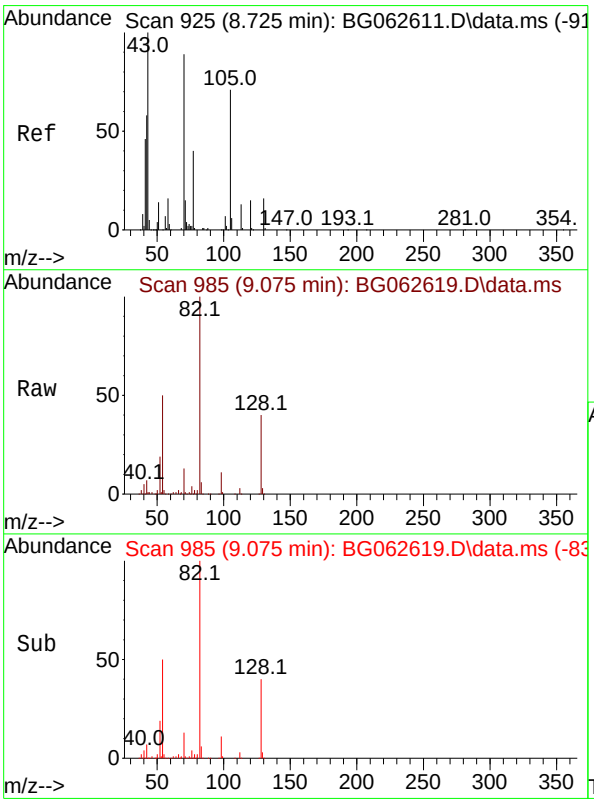
#7
Phenol-d6
Concen: 119.474 ng
RT: 7.089 min Scan# 64
Delta R.T. -0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Instrument :
BNA_G
ClientSampleId :
PB162520BL

Tgt Ion: 99 Resp: 546778

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.9	25.3
71	35.1	27.9	41.9

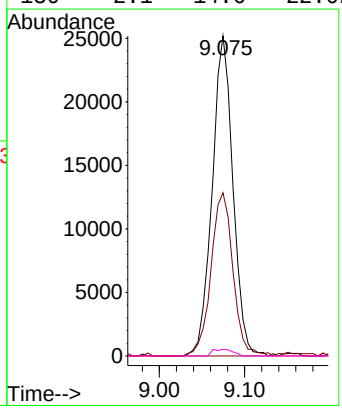


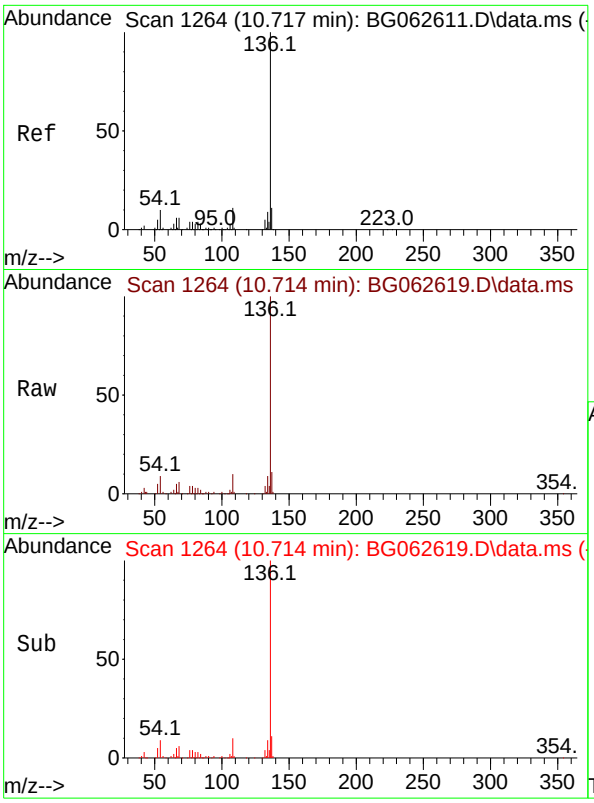


#19
n-Nitroso-di-n-propylamine
Concen: 11.839 ng
RT: 9.075 min Scan# 985
Delta R.T. 0.350 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Tgt Ion: 70 Resp: 42693

Ion	Ratio	Lower	Upper
70	100		
42	51.0	52.3	78.5#
101	0.0	6.6	9.8#
130	2.1	14.6	22.0#



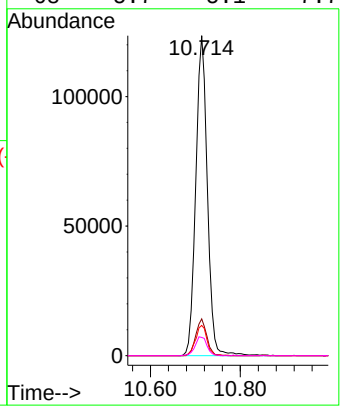


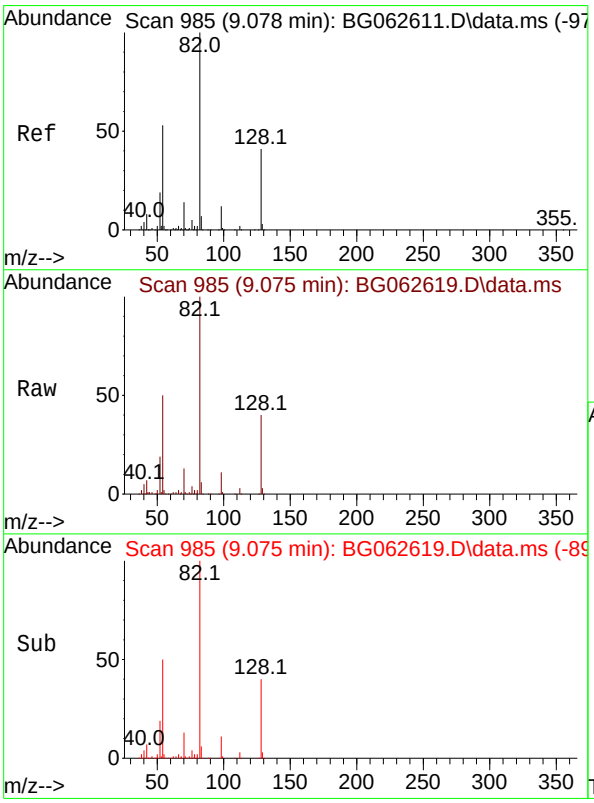
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.714 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Instrument :
BNA_G
ClientSampleId :
PB162520BL

Tgt Ion:136 Resp: 220465

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	9.5	7.8	11.6
68	5.7	5.1	7.7

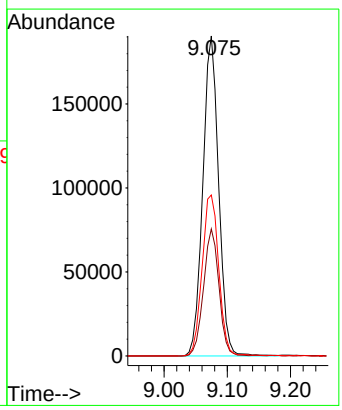


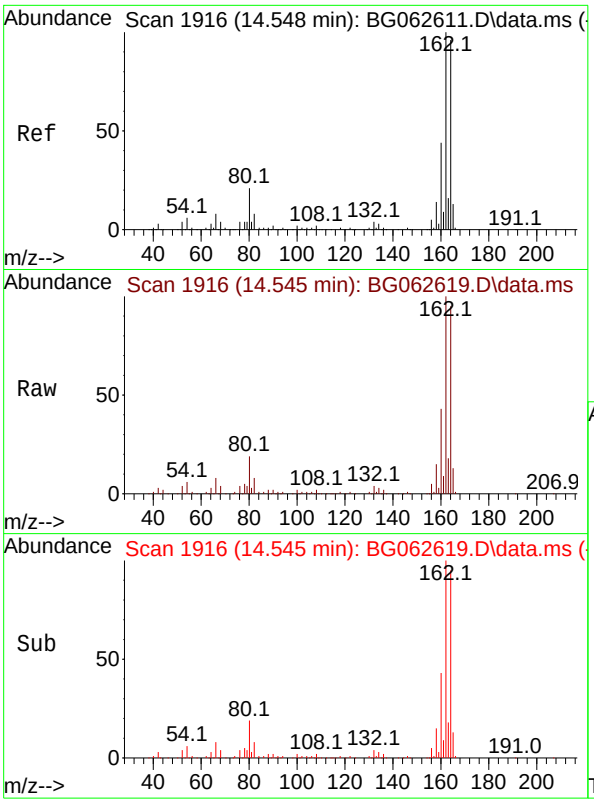


#23
Nitrobenzene-d5
Concen: 80.807 ng
RT: 9.075 min Scan# 985
Delta R.T. -0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Tgt Ion: 82 Resp: 330788

Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.5	48.7
54	50.3	42.5	63.7



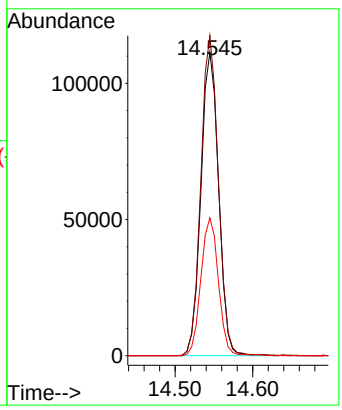


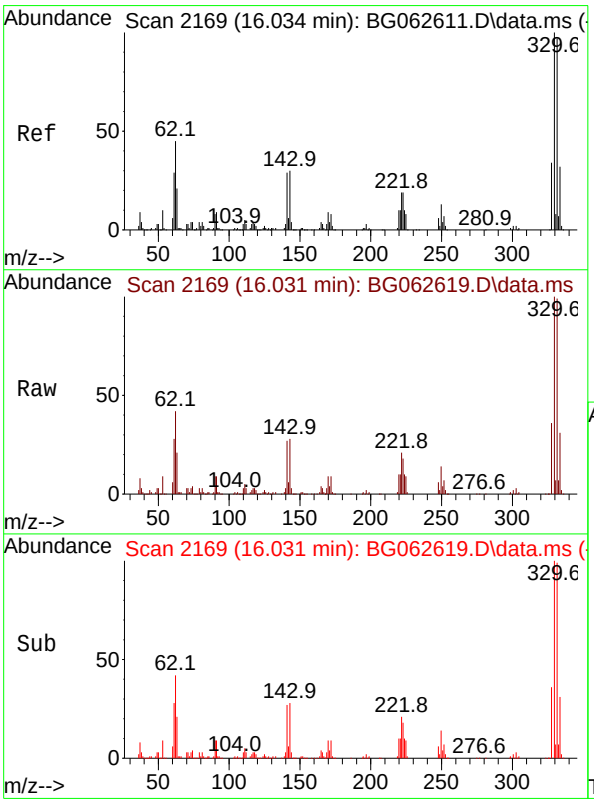
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Instrument :
BNA_G
ClientSampleId :
PB162520BL

Tgt Ion:164 Resp: 176338

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.1	124.7
160	45.4	36.2	54.4

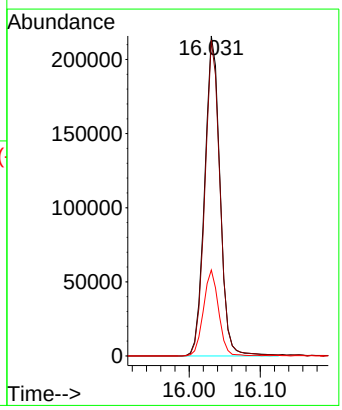


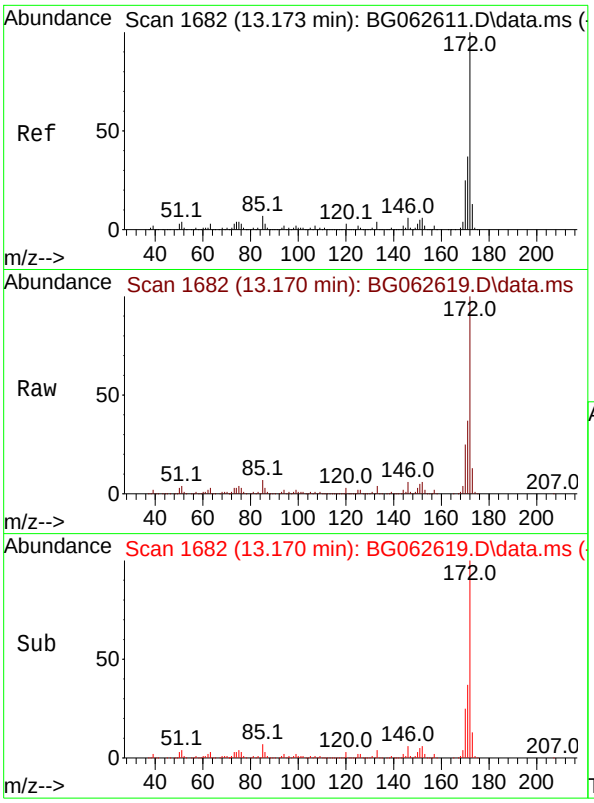


#42
2,4,6-Tribromophenol
Concen: 131.163 ng
RT: 16.031 min Scan# 2169
Delta R.T. -0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Tgt Ion:330 Resp: 325498

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.2	115.8
141	26.4	22.2	33.4



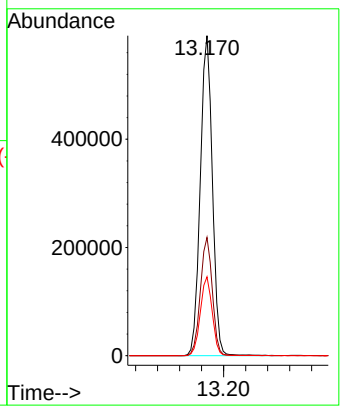


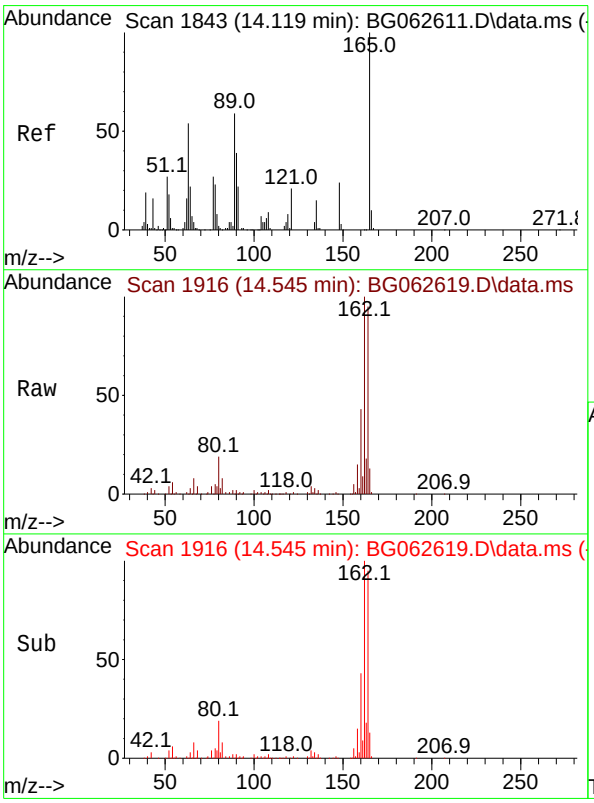
#45
2-Fluorobiphenyl
Concen: 83.001 ng
RT: 13.170 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Instrument :
BNA_G
ClientSampleId :
PB162520BL

Tgt Ion:172 Resp: 903585

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.7	20.0	30.0

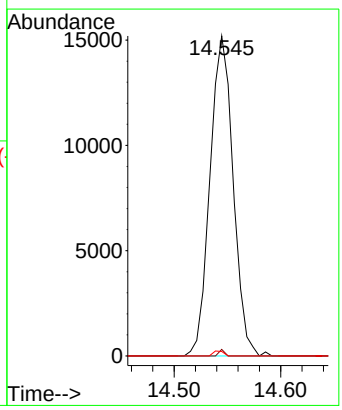


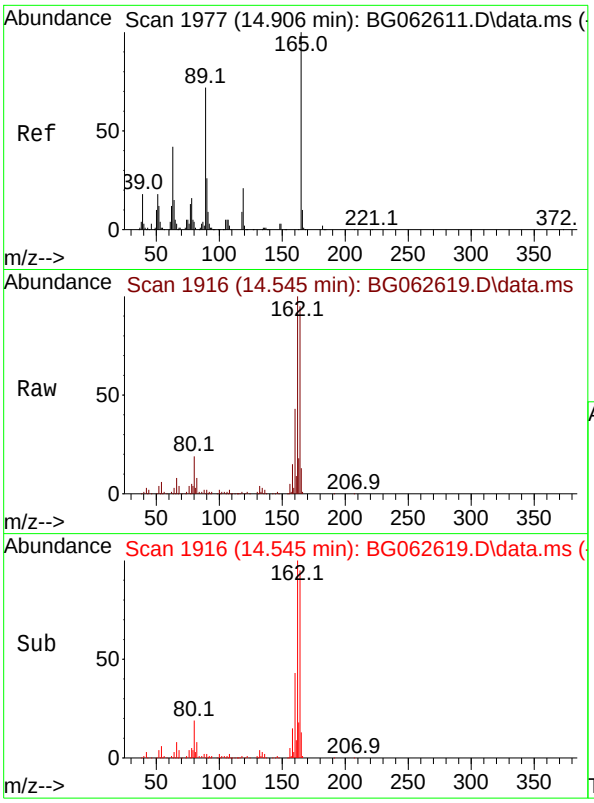


#51
2,6-Dinitrotoluene
Concen: 9.400 ng
RT: 14.545 min Scan# 1916
Delta R.T. 0.426 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Tgt Ion:165 Resp: 22927

Ion	Ratio	Lower	Upper
165	100		
63	2.0	46.6	69.8#
89	1.4	47.2	70.8#



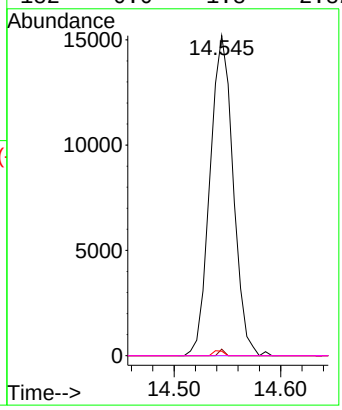


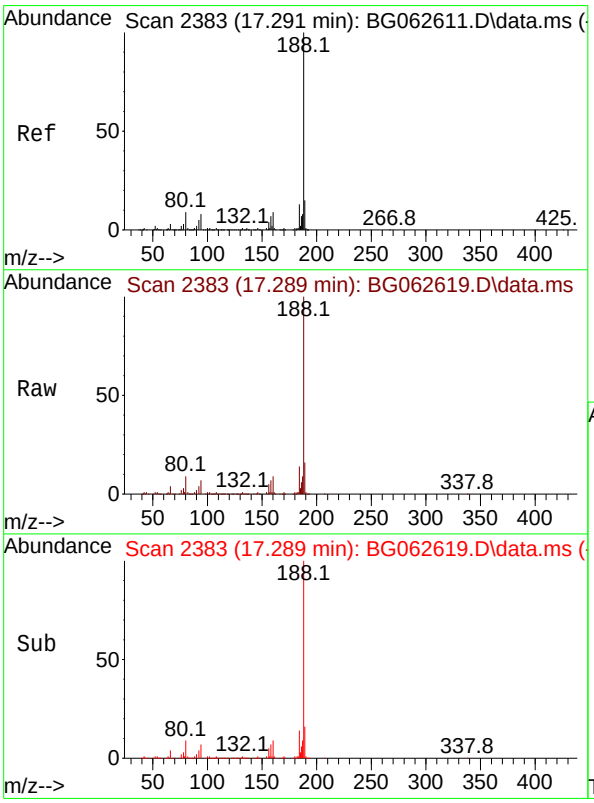
#57
2,4-Dinitrotoluene
Concen: 6.890 ng
RT: 14.545 min Scan# 1
Delta R.T. -0.361 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Instrument :
BNA_G
ClientSampleId :
PB162520BL

Tgt Ion:165 Resp: 22927

Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.8	50.6#
89	1.4	57.9	86.9#
182	0.0	1.8	2.8#

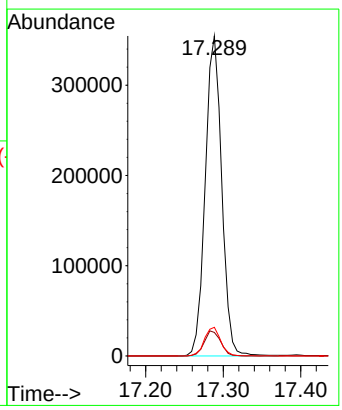


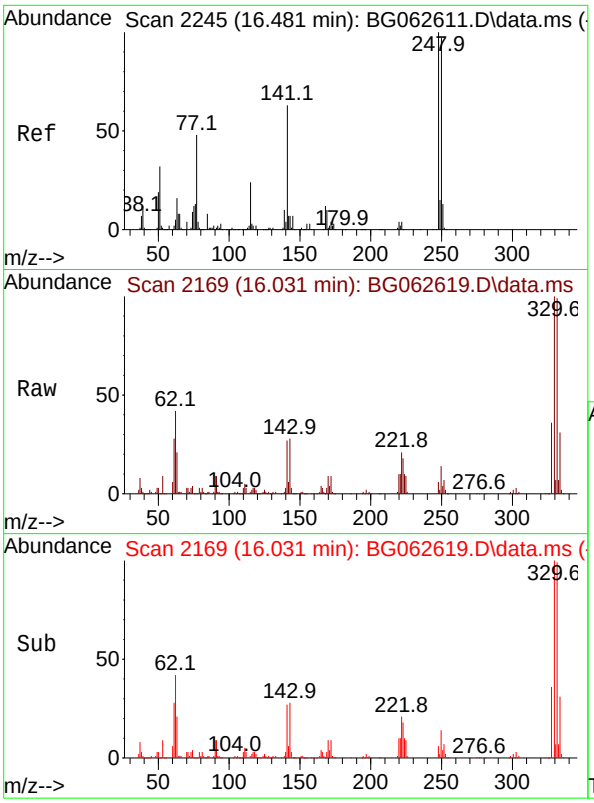


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2383
Delta R.T. -0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Tgt Ion:188 Resp: 522378

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.3	9.5
80	8.9	7.0	10.4



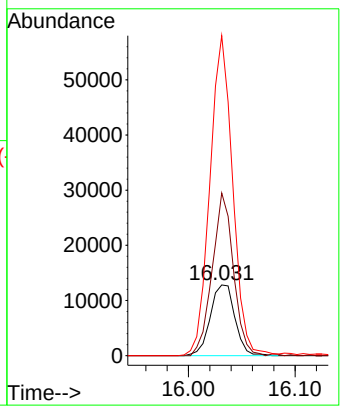


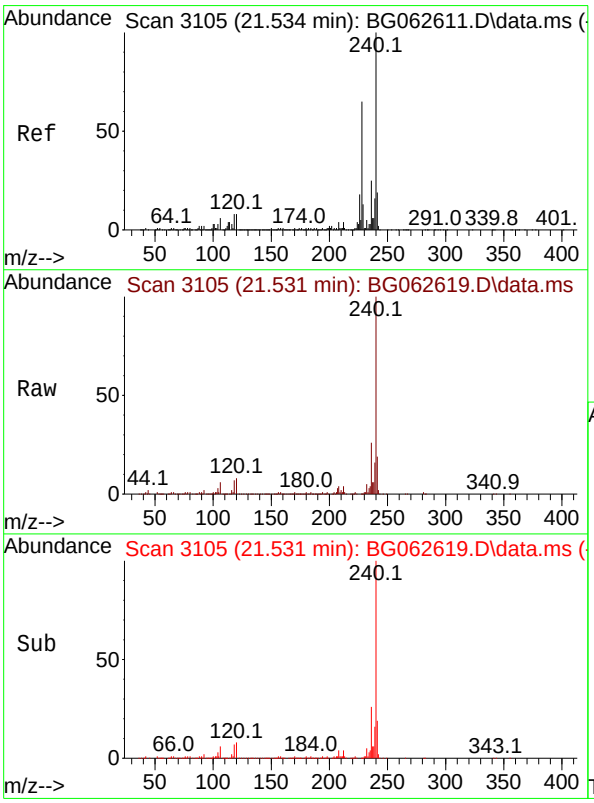
#67
4-Bromophenyl-phenylether
Concen: 3.808 ng
RT: 16.031 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Instrument :
BNA_G
ClientSampleId :
PB162520BL

Tgt Ion:248 Resp: 20528

Ion	Ratio	Lower	Upper
248	100		
250	169.8	77.9	116.9#
141	334.0	50.2	75.2#

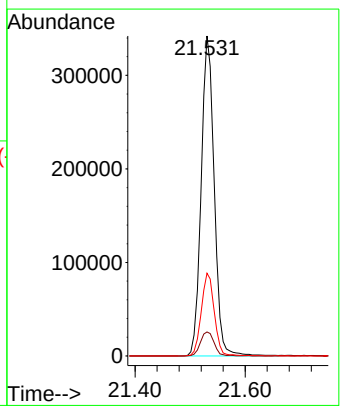


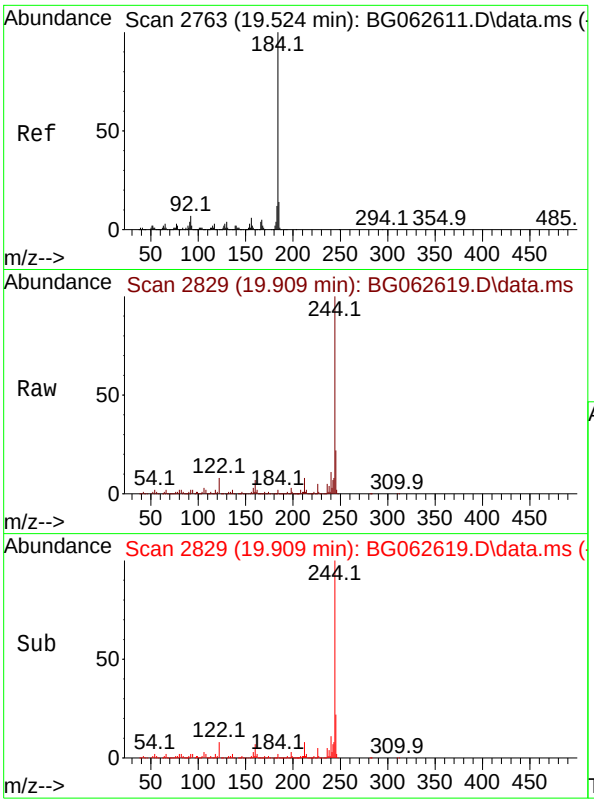


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.531 min Scan# 3105
Delta R.T. -0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Tgt Ion:240 Resp: 562709

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.6	9.8
236	25.8	20.2	30.4



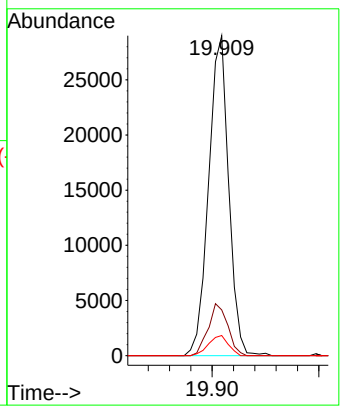


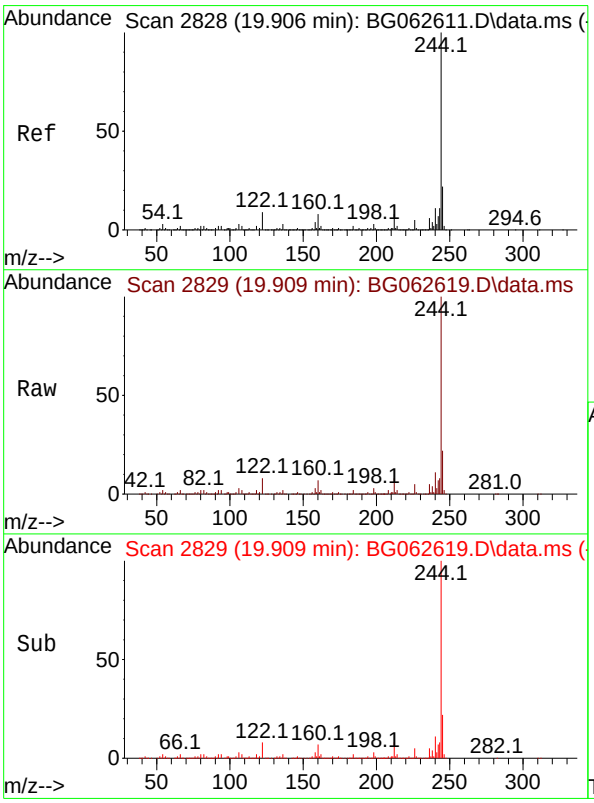
#77
Benzidine
Concen: 3.723 ng
RT: 19.909 min Scan# 2
Delta R.T. 0.385 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Instrument :
BNA_G
ClientSampleId :
PB162520BL

Tgt Ion:184 Resp: 37758

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.0	16.6
183	6.3	9.7	14.5#

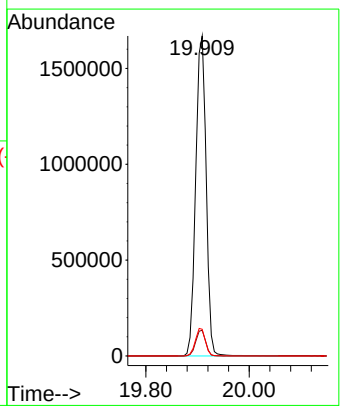


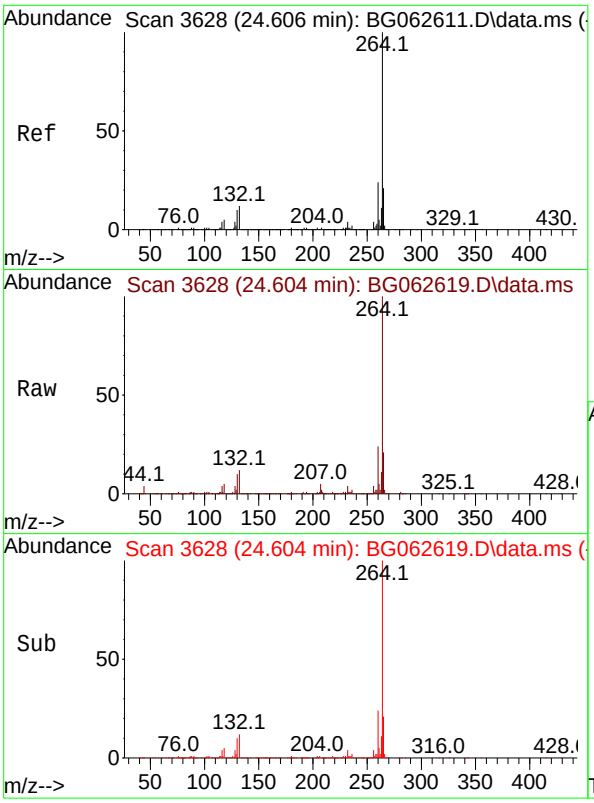


#79
Terphenyl-d14
Concen: 82.310 ng
RT: 19.909 min Scan# 2829
Delta R.T. 0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Tgt Ion:244 Resp: 2335864

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	10.0
122	8.3	7.2	10.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.604 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG062619.D
Acq: 3 Sep 2024 10:29

Instrument :
BNA_G
ClientSampleId :
PB162520BL

Tgt Ion:264 Resp: 625177

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.0	17.3	25.9