Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
Data File : BG062670.D
Acq On : 5 Sep 2024 17:12
Operator : MA/JU
Sample : PB163139BL
Misc : MDL-WATER-8 ng
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 05 17:49:14 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	7.919	152	44900	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	166560	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	130204	20.000	ng	0.00
64) Phenanthrene-d10	17.284	188	386128	20.000	ng	0.00
76) Chrysene-d12	21.532	240	474388	20.000	ng	0.00
86) Perylene-d12	24.599	264	535371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	379458	146.082	ng	0.00
7) Phenol-d6	7.084	99	488137	130.081	ng	0.00
23) Nitrobenzene-d5	9.070	82	288592	93.315	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	281182	153.452	ng	0.00
45) 2-Fluorobiphenyl	13.165	172	742005	92.308	ng	0.00
79) Terphenyl-d14	19.905	244	2172078	90.788	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.076	70	37117	12.553	ng	# 77
51) 2,6-Dinitrotoluene	14.546	165	17308	9.611	ng	# 23
57) 2,4-Dinitrotoluene	14.546	165	17308	7.044	ng	# 23
67) 4-Bromophenyl-phenylether	16.033	248	17613	4.420	ng	# 1
77) Benzidine	19.905	184	32055	3.749	ng	# 88

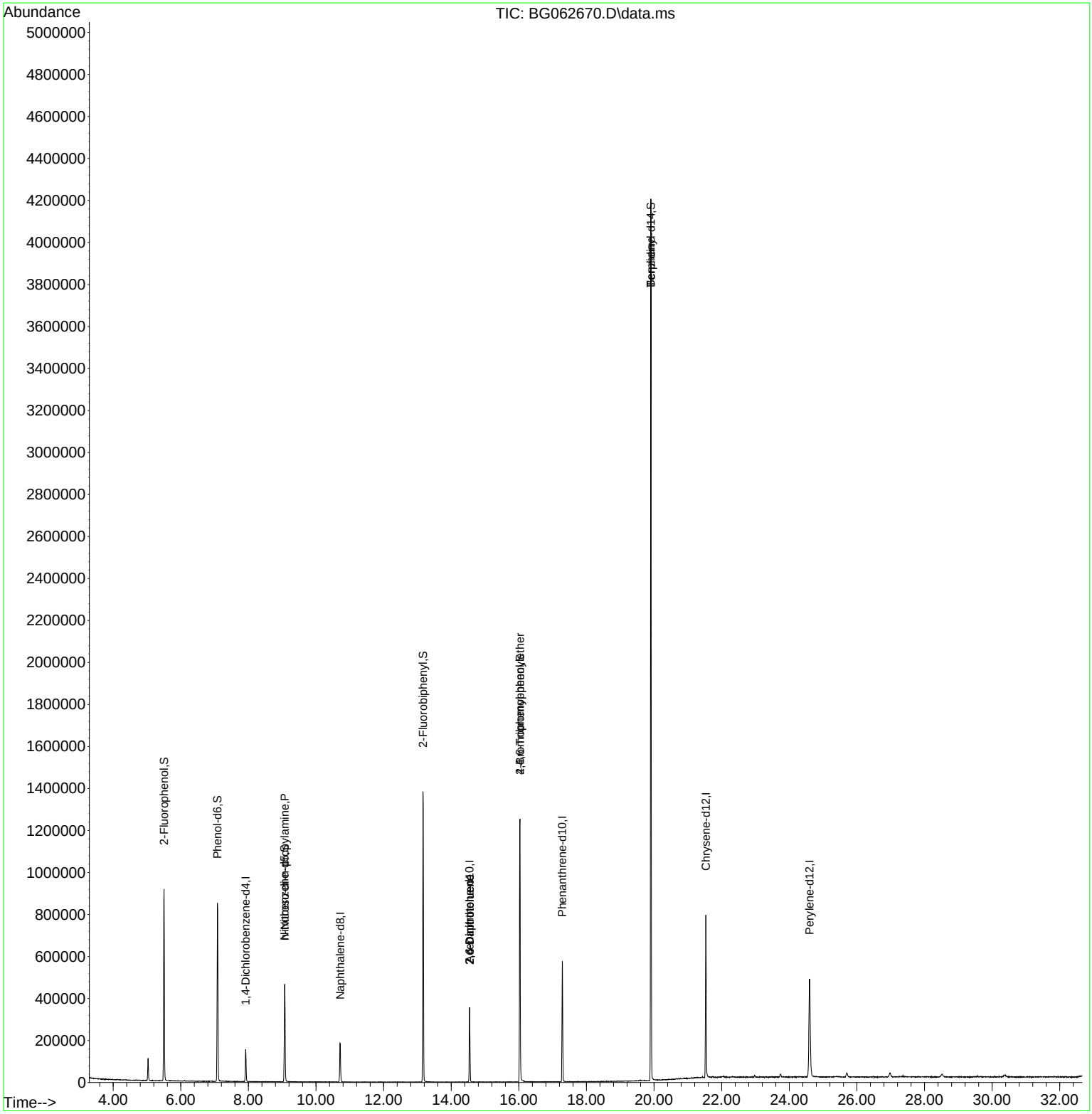
(#) = qualifier out of range (m) = manual integration (+) = signals summed

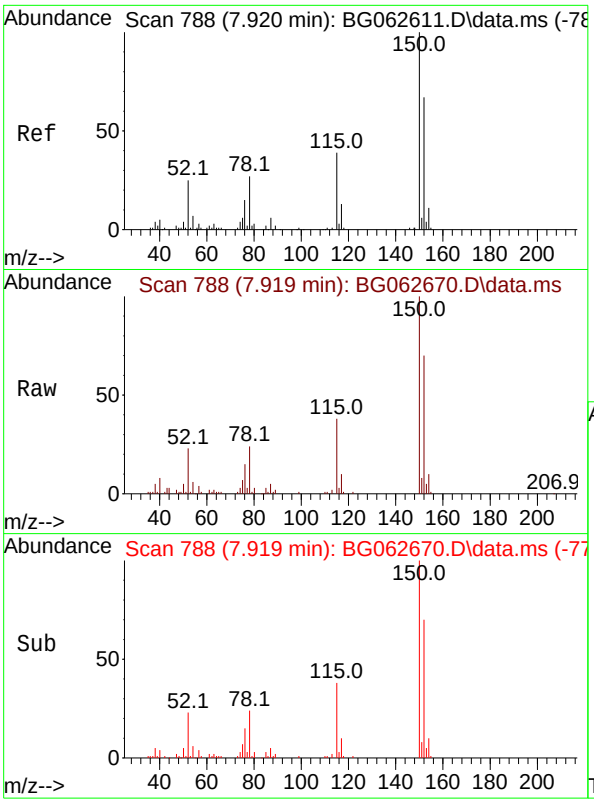
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
Data File : BG062670.D
Acq On : 5 Sep 2024 17:12
Operator : MA/JU
Sample : PB163139BL
Misc : MDL-WATER-8 ng
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 05 17:49:14 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



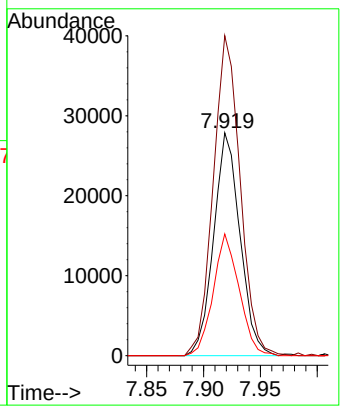


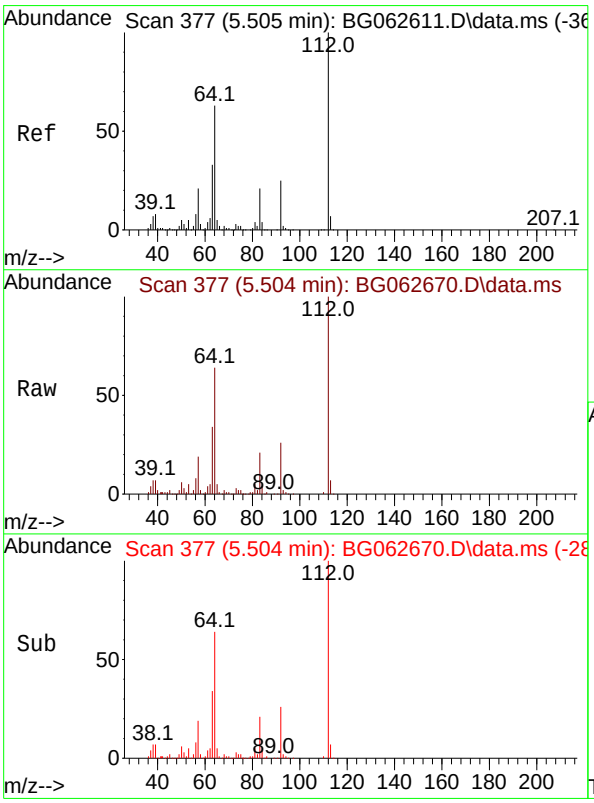
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 78
Delta R.T. -0.001 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 44900

Ion	Ratio	Lower	Upper
152	100		
150	143.6	119.9	179.9
115	54.6	46.6	69.8

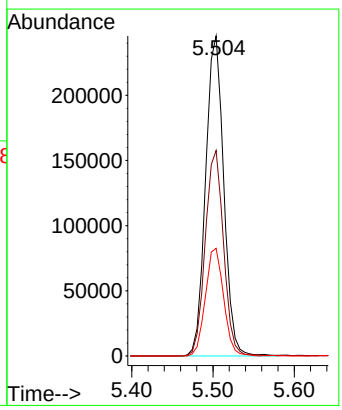


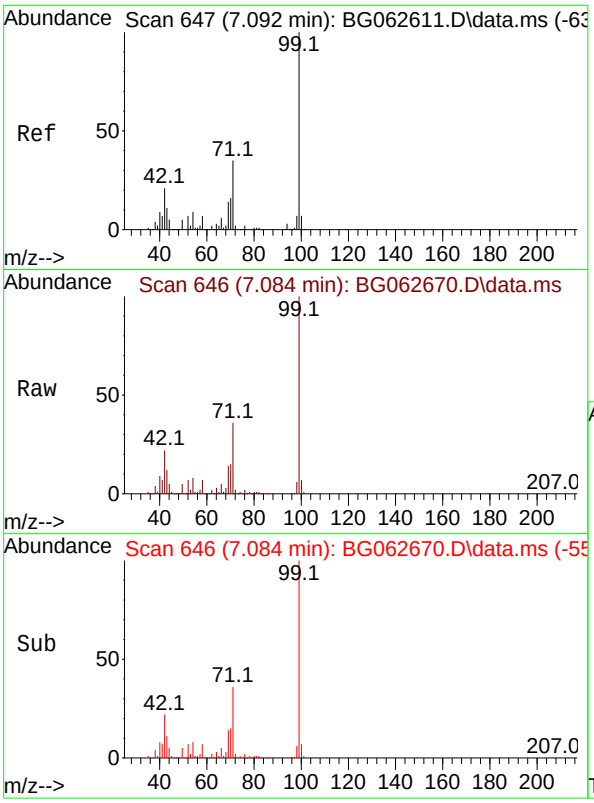


#5
2-Fluorophenol
Concen: 146.082 ng
RT: 5.504 min Scan# 377
Delta R.T. -0.002 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Tgt Ion:112 Resp: 379458

Ion	Ratio	Lower	Upper
112	100		
64	64.2	50.2	75.2
63	33.7	26.6	39.8



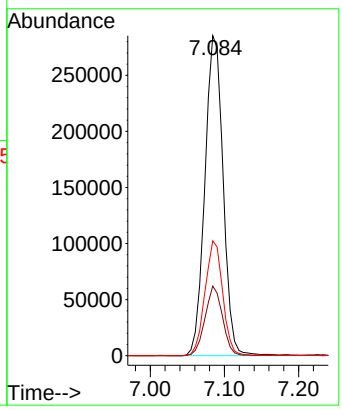


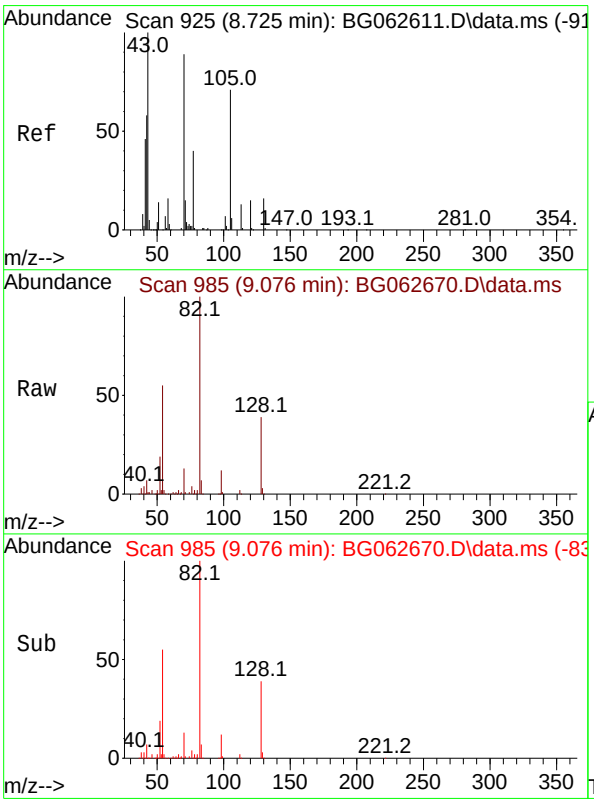
#7
Phenol-d6
Concen: 130.081 ng
RT: 7.084 min Scan# 64
Delta R.T. -0.007 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 488137

Ion	Ratio	Lower	Upper
99	100		
42	21.8	16.9	25.3
71	35.9	27.9	41.9

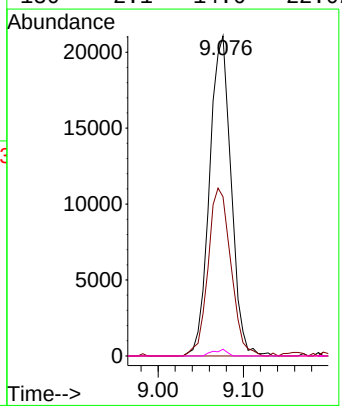


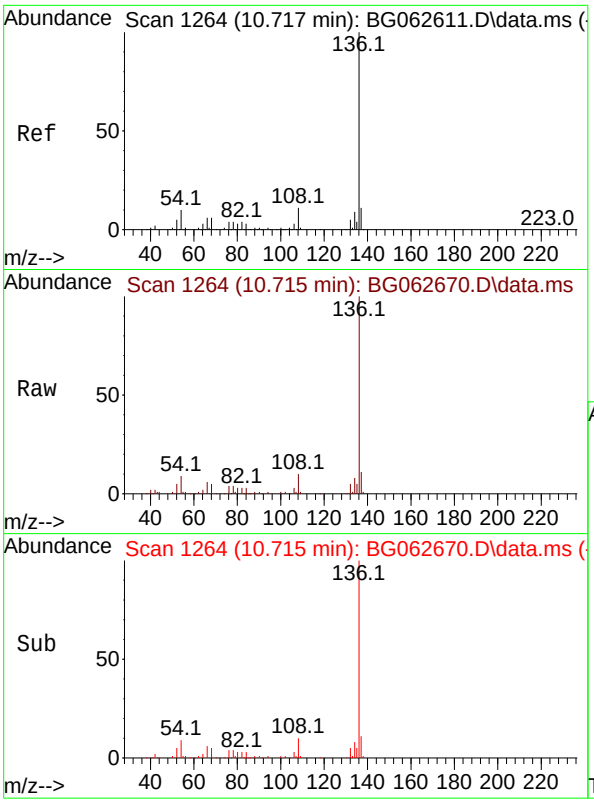


#19
n-Nitroso-di-n-propylamine
Concen: 12.553 ng
RT: 9.076 min Scan# 985
Delta R.T. 0.351 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Tgt Ion: 70 Resp: 37117

Ion	Ratio	Lower	Upper
70	100		
42	49.7	52.3	78.5#
101	0.0	6.6	9.8#
130	2.1	14.6	22.0#



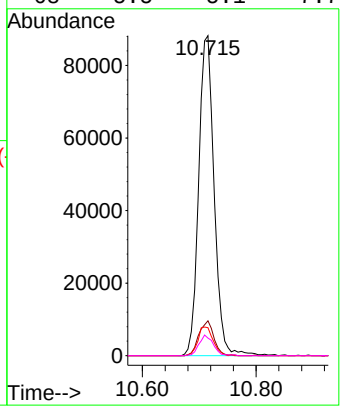


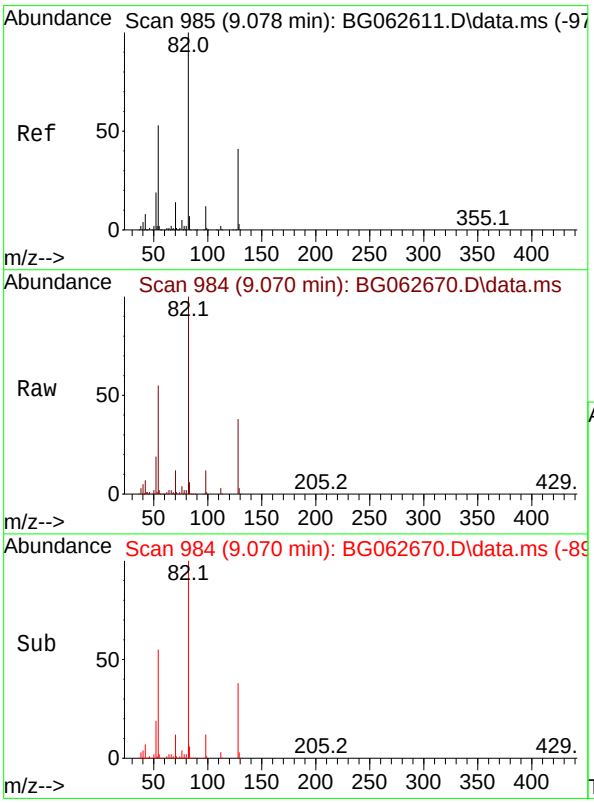
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 166560

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.7	7.8	11.6
68	5.5	5.1	7.7

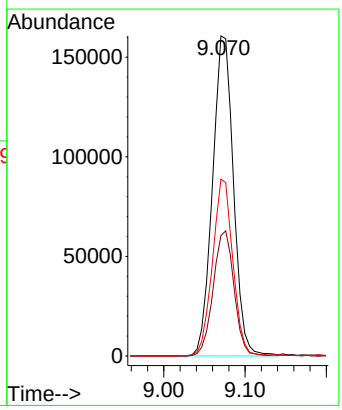


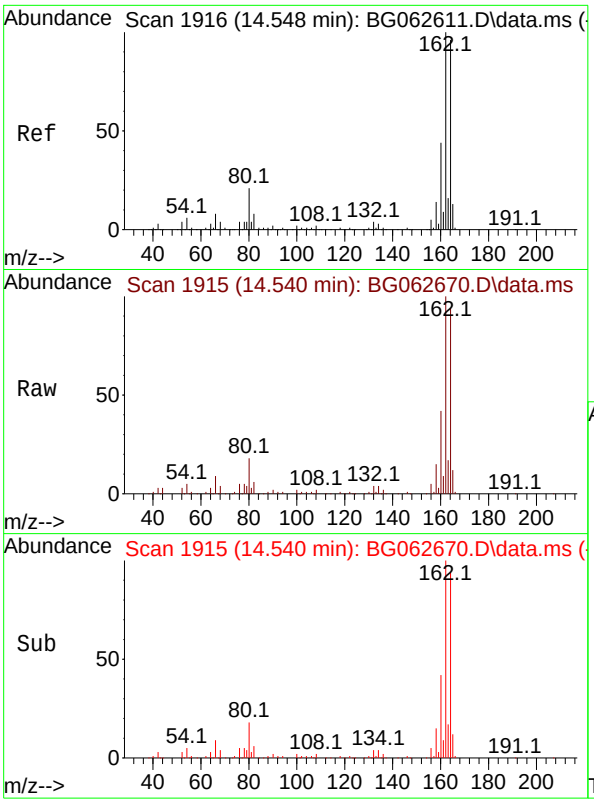


#23
Nitrobenzene-d5
Concen: 93.315 ng
RT: 9.070 min Scan# 984
Delta R.T. -0.007 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Tgt Ion: 82 Resp: 288592

Ion	Ratio	Lower	Upper
82	100		
128	37.6	32.5	48.7
54	55.2	42.5	63.7



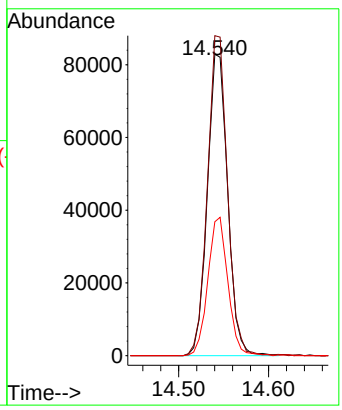


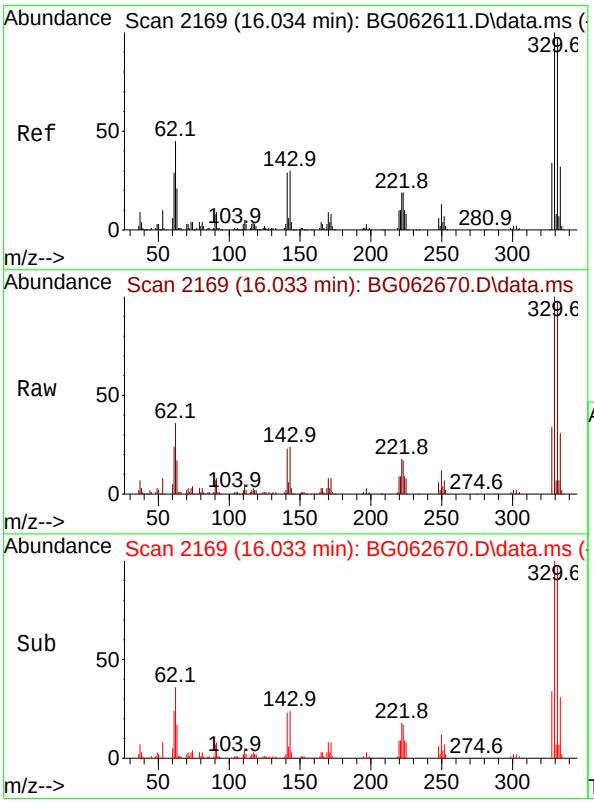
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 130204

Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.1	124.7
160	44.4	36.2	54.4

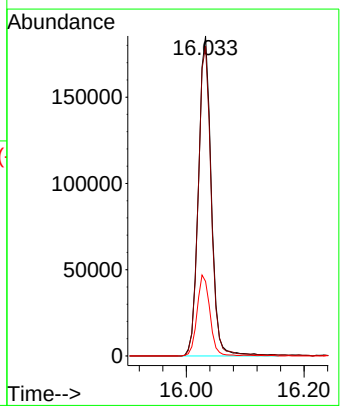


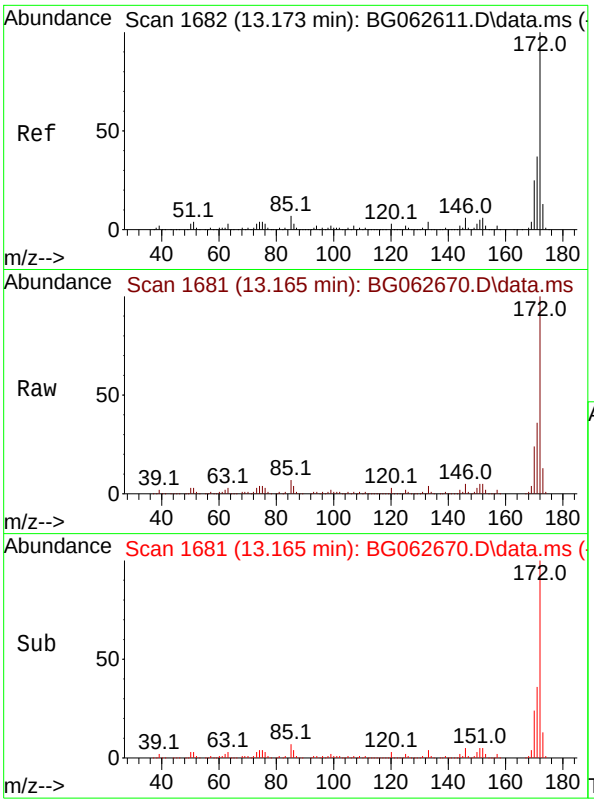


#42
2,4,6-Tribromophenol
Concen: 153.452 ng
RT: 16.033 min Scan# 2169
Delta R.T. -0.002 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Tgt Ion:330 Resp: 281182

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.2	115.8
141	25.2	22.2	33.4



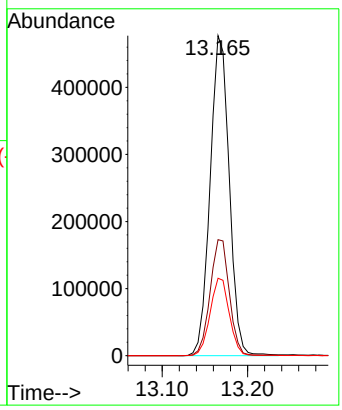


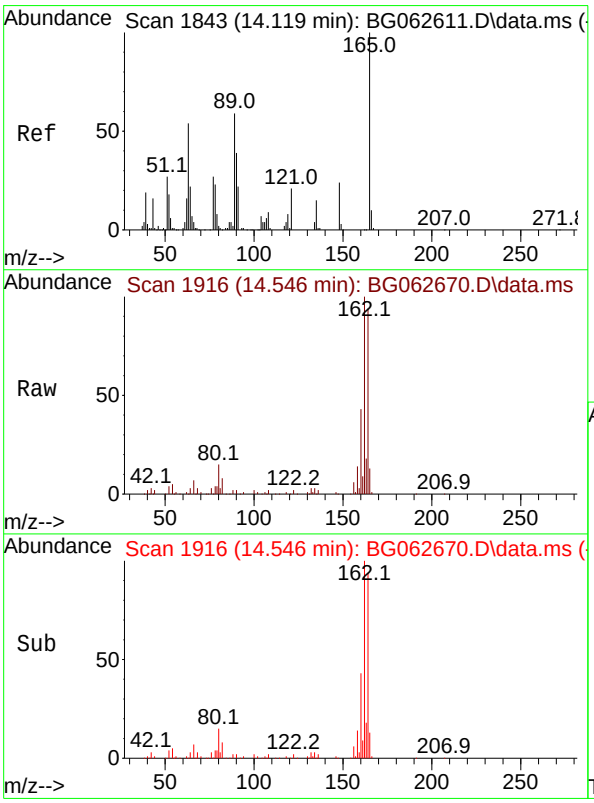
#45
2-Fluorobiphenyl
Concen: 92.308 ng
RT: 13.165 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 742005

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	20.0	30.0

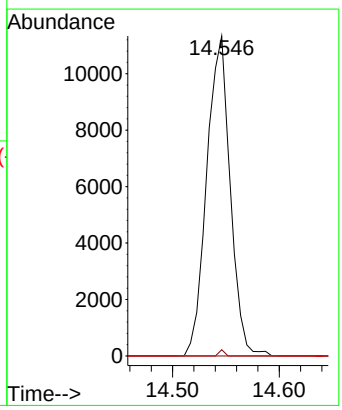


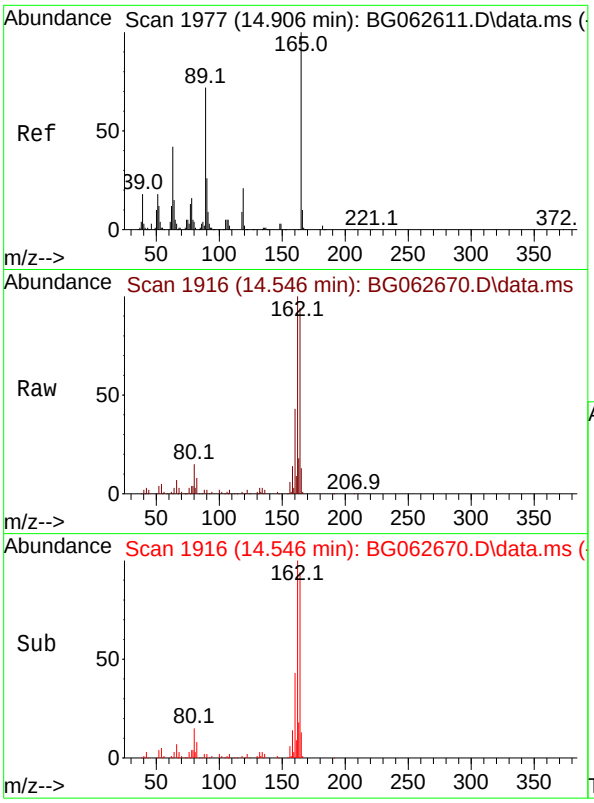


#51
2,6-Dinitrotoluene
Concen: 9.611 ng
RT: 14.546 min Scan# 1916
Delta R.T. 0.427 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Tgt Ion:165 Resp: 17308

Ion	Ratio	Lower	Upper
165	100		
63	1.9	46.6	69.8#
89	0.0	47.2	70.8#



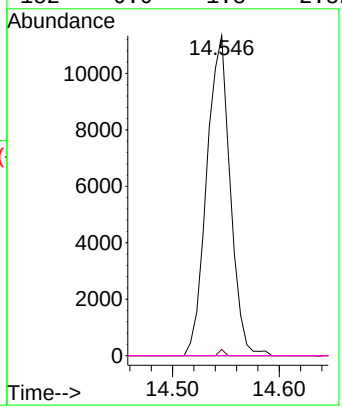


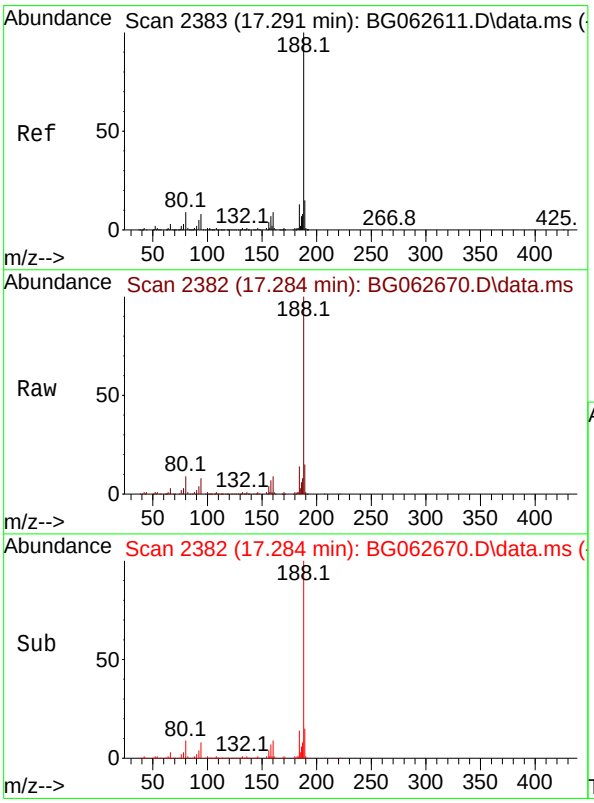
#57
2,4-Dinitrotoluene
Concen: 7.044 ng
RT: 14.546 min Scan# 1
Delta R.T. -0.360 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17308

Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.8	50.6#
89	0.0	57.9	86.9#
182	0.0	1.8	2.8#

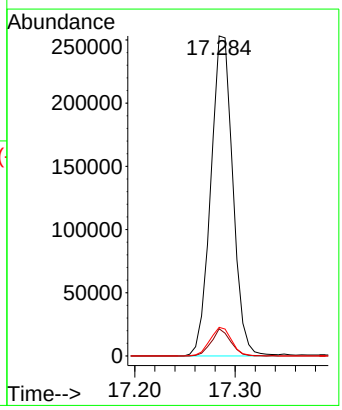


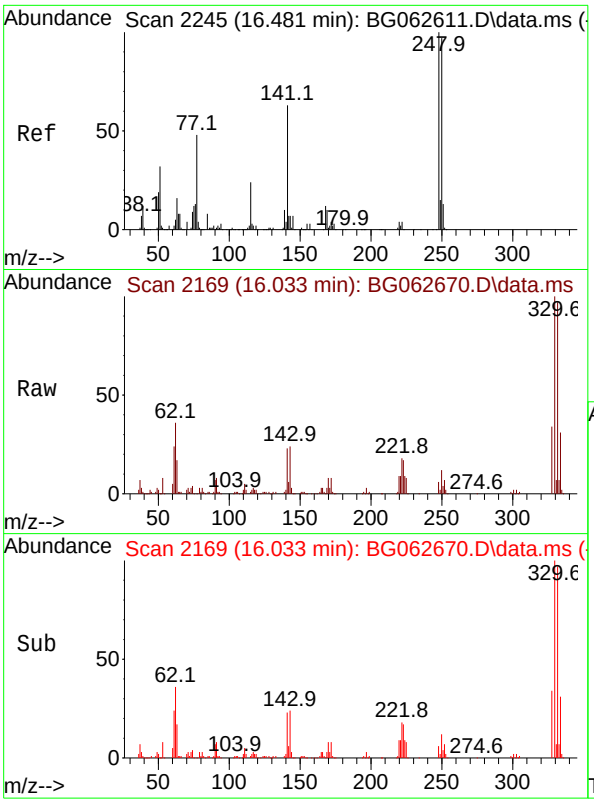


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.284 min Scan# 2382
Delta R.T. -0.007 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Tgt Ion:188 Resp: 386128

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.3	9.5
80	8.9	7.0	10.4



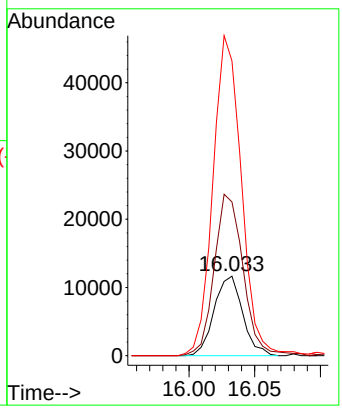


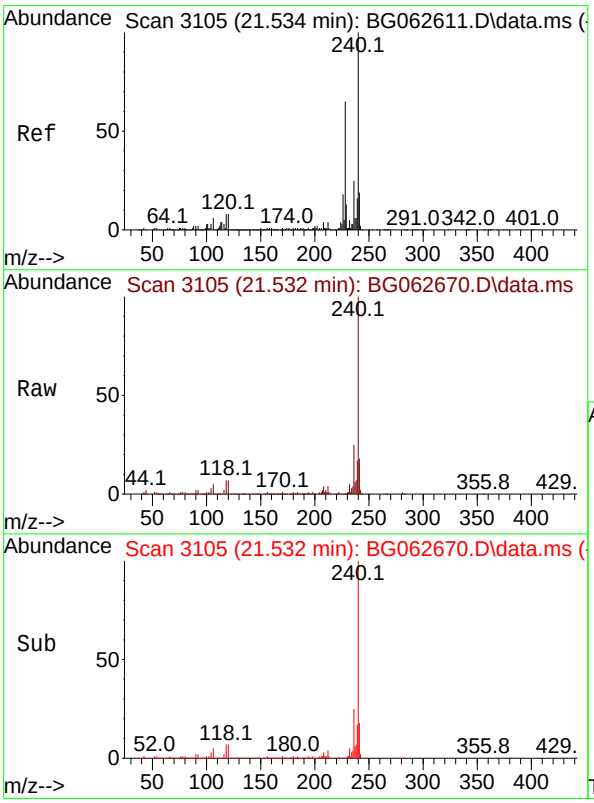
#67
4-Bromophenyl-phenylether
Concen: 4.420 ng
RT: 16.033 min Scan# 2
Delta R.T. -0.448 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17613

Ion	Ratio	Lower	Upper
248	100		
250	193.1	77.9	116.9#
141	370.2	50.2	75.2#

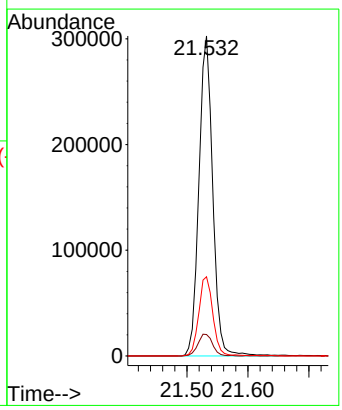


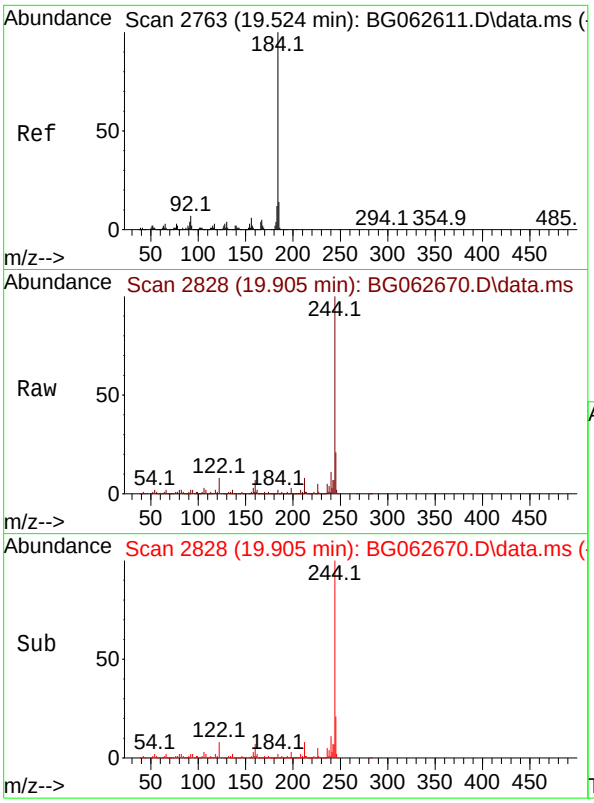


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.532 min Scan# 3105
Delta R.T. -0.002 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Tgt Ion:240 Resp: 474388

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.6	9.8
236	24.7	20.2	30.4



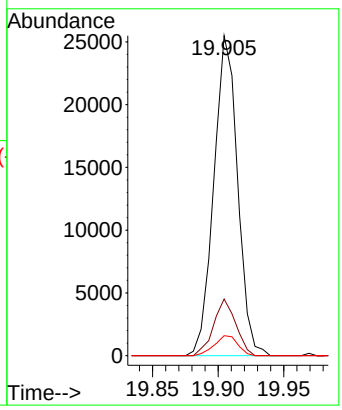


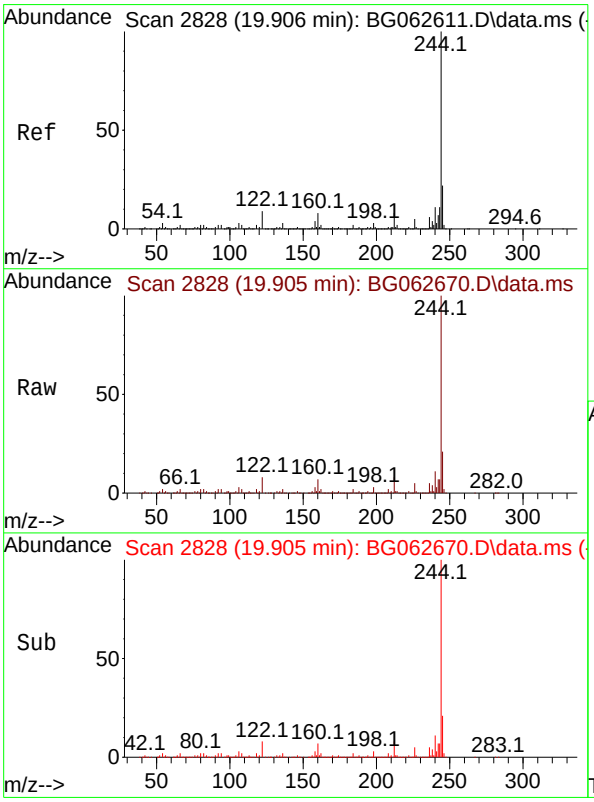
#77
Benzidine
Concen: 3.749 ng
RT: 19.905 min Scan# 2
Delta R.T. 0.381 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 32055

Ion	Ratio	Lower	Upper
184	100		
185	17.7	11.0	16.6#
183	6.3	9.7	14.5#

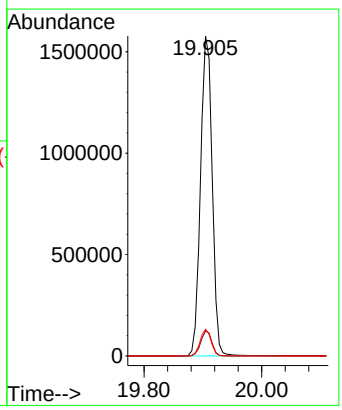


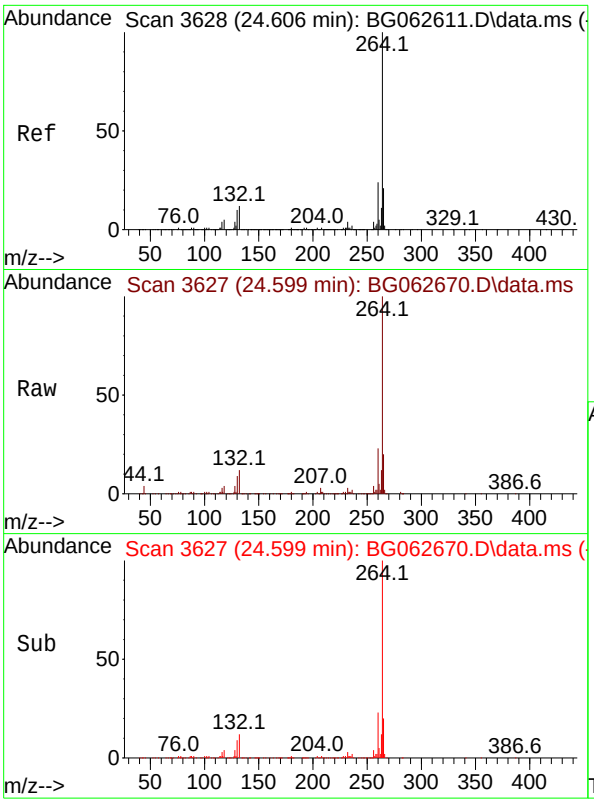


#79
Terphenyl-d14
Concen: 90.788 ng
RT: 19.905 min Scan# 2828
Delta R.T. -0.001 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Tgt Ion:244 Resp: 2172078

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	10.0
122	8.4	7.2	10.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.599 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 535371

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	20.3	17.3	25.9