Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050224\
Data File : BG061087.D
Acq On : 2 May 2024 10:31
Operator : MA/JU
Sample : PB160643BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 02 11:49:47 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	7.953	152	17297	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	64242	20.000	ng	#-0.01
39) Acenaphthene-d10	14.575	164	52337	20.000	ng	-0.01
64) Phenanthrene-d10	17.325	188	159743	20.000	ng	0.00
76) Chrysene-d12	21.578	240	184776	20.000	ng	-0.01
86) Perylene-d12	24.704	264	212041	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.544	112	120986	142.252	ng	0.00
7) Phenol-d6	7.125	99	160851	127.846	ng	0.00
23) Nitrobenzene-d5	9.105	82	113043	87.229	ng	-0.01
42) 2,4,6-Tribromophenol	16.067	330	163176	155.981	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	328070	92.692	ng	0.00
79) Terphenyl-d14	19.945	244	995759	89.627	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.125	77	275	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.105	70	17631	18.725	ng	# 58
51) 2,6-Dinitrotoluene	14.581	165	7090	8.200	ng	# 15
57) 2,4-Dinitrotoluene	14.581	165	7090	5.542	ng	# 17
67) 4-Bromophenyl-phenylether	16.067	248	10600	5.633	ng	# 1
77) Benzidine	19.557	184	2704	3.520	ng	# 82

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050224\
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Acq On : 2 May 2024 10:31
Operator : MA/JU
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Misc :
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Instrument :
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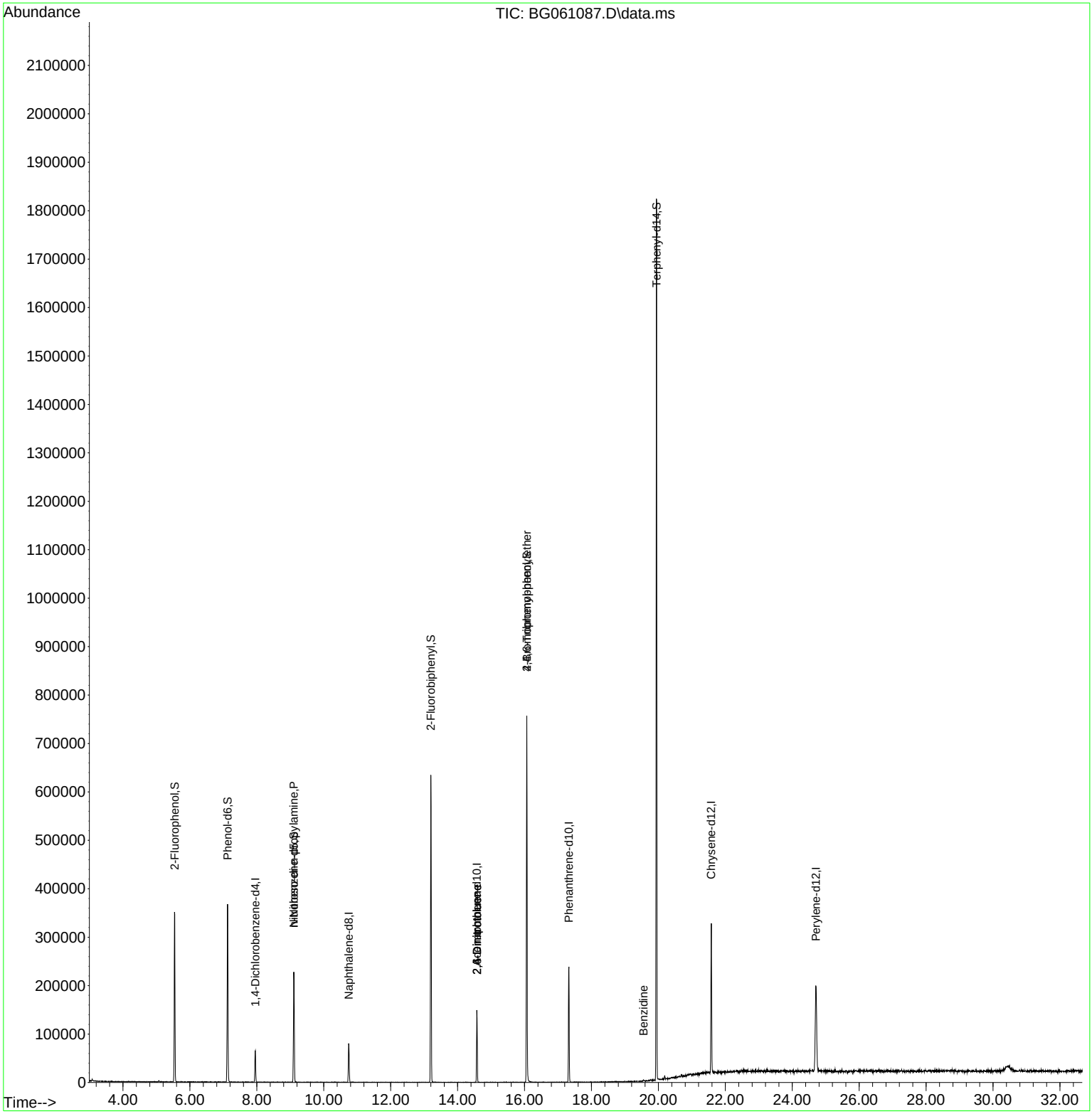
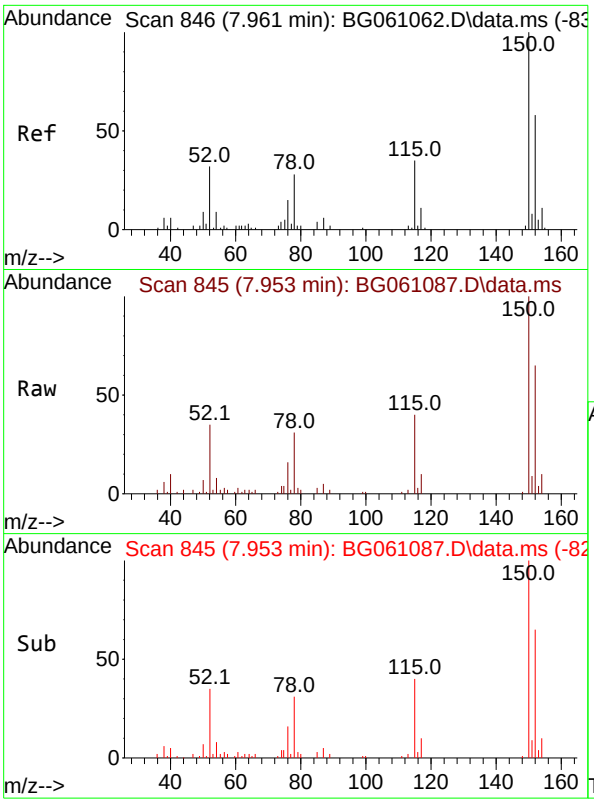
ClientSampleId :

Quant Time: May 02 11:49:47 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



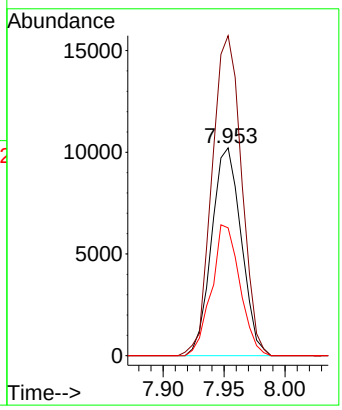


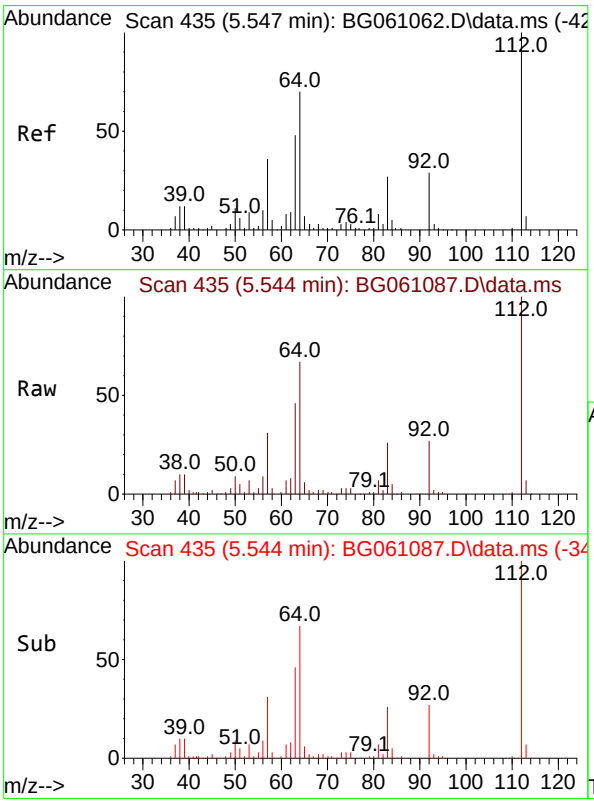
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 17297

Ion	Ratio	Lower	Upper
152	100		
150	153.9	138.3	207.5
115	61.5	48.0	72.0

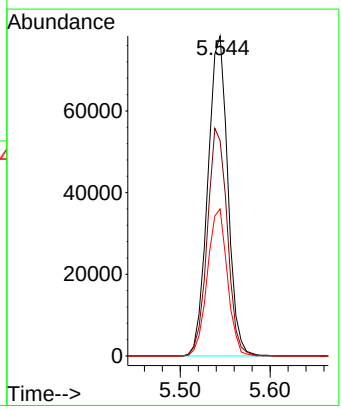


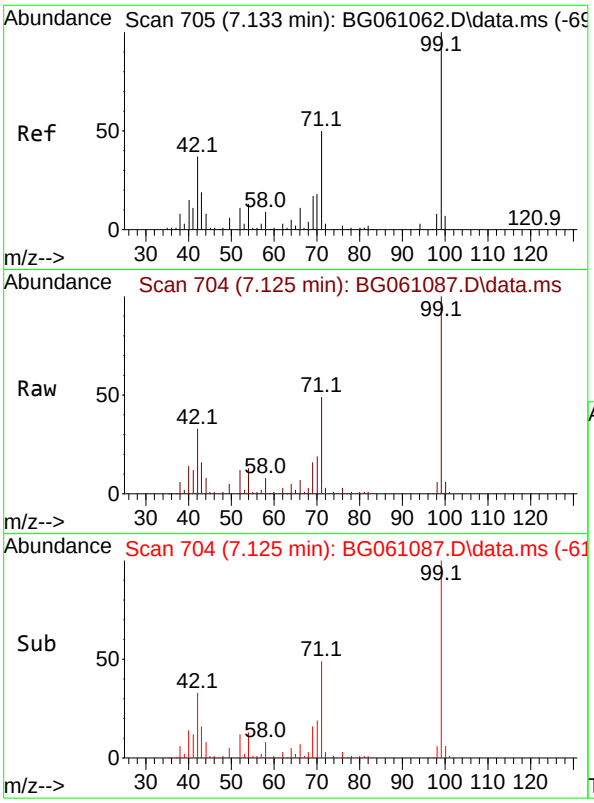


#5
2-Fluorophenol
Concen: 142.252 ng
RT: 5.544 min Scan# 435
Delta R.T. -0.002 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Tgt Ion:112 Resp: 120986

Ion	Ratio	Lower	Upper
112	100		
64	67.3	55.7	83.5
63	45.9	38.1	57.1



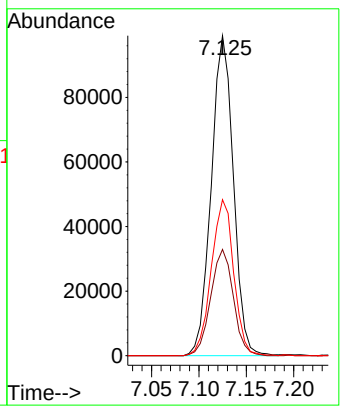


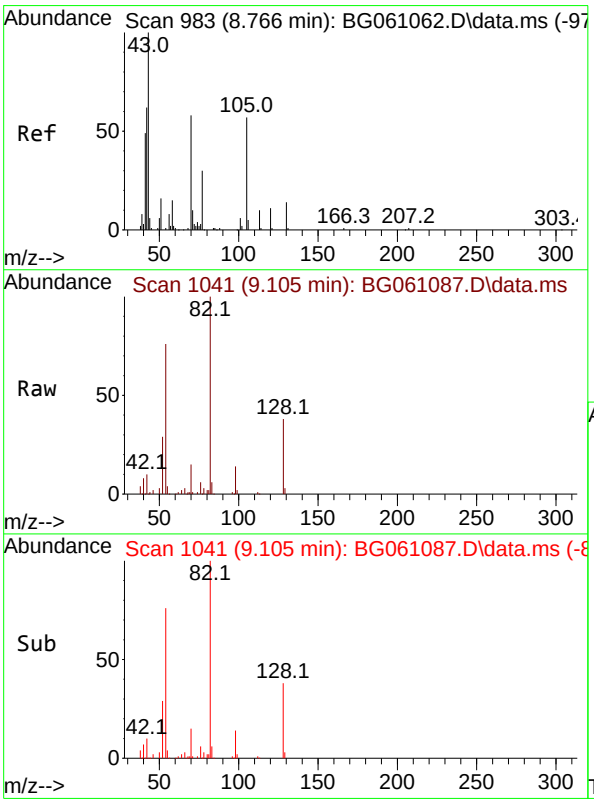
#7
Phenol-d6
Concen: 127.846 ng
RT: 7.125 min Scan# 7(
Delta R.T. -0.008 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 160851

Ion	Ratio	Lower	Upper
99	100		
42	33.2	29.2	43.8
71	48.7	39.7	59.5

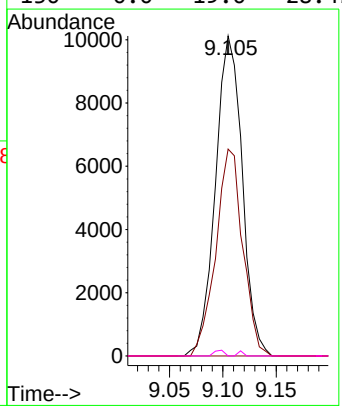


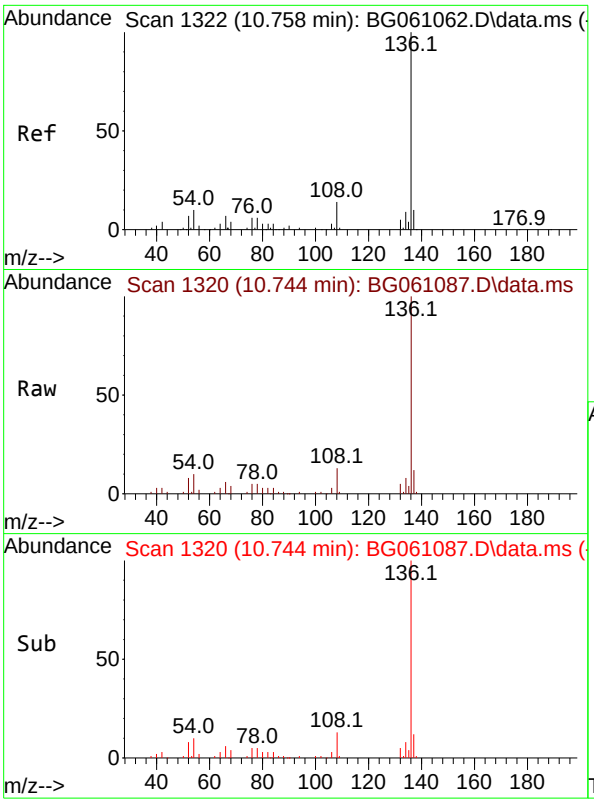


#19
n-Nitroso-di-n-propylamine
Concen: 18.725 ng
RT: 9.105 min Scan# 1041
Delta R.T. 0.339 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Tgt Ion: 70 Resp: 17631

Ion	Ratio	Lower	Upper
70	100		
42	64.7	86.4	129.6#
101	0.0	7.8	11.8#
130	0.0	19.0	28.4#



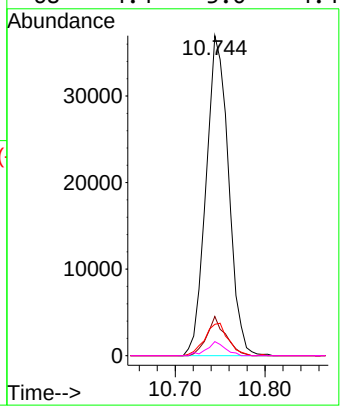


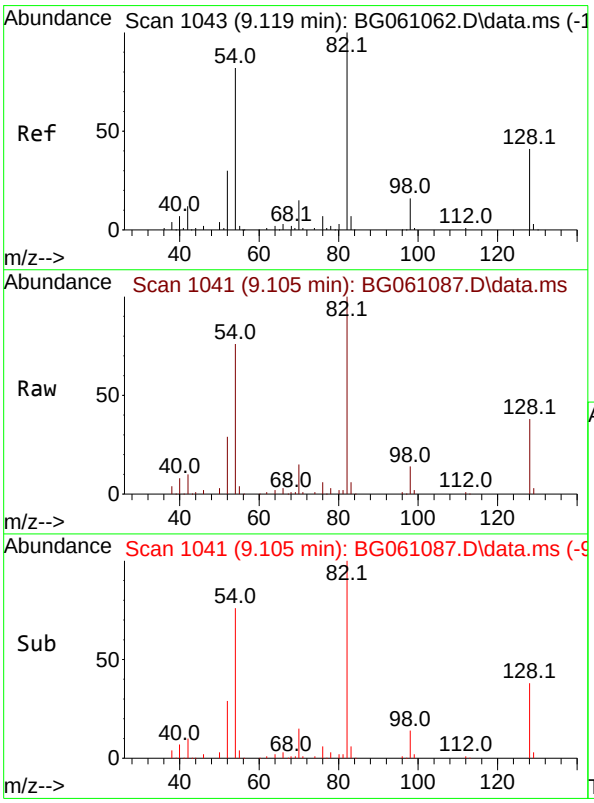
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 64242

Ion	Ratio	Lower	Upper
136	100		
137	12.2	7.8	11.6#
54	9.8	8.1	12.1
68	4.4	3.0	4.4

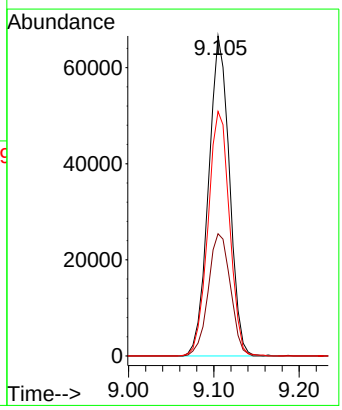


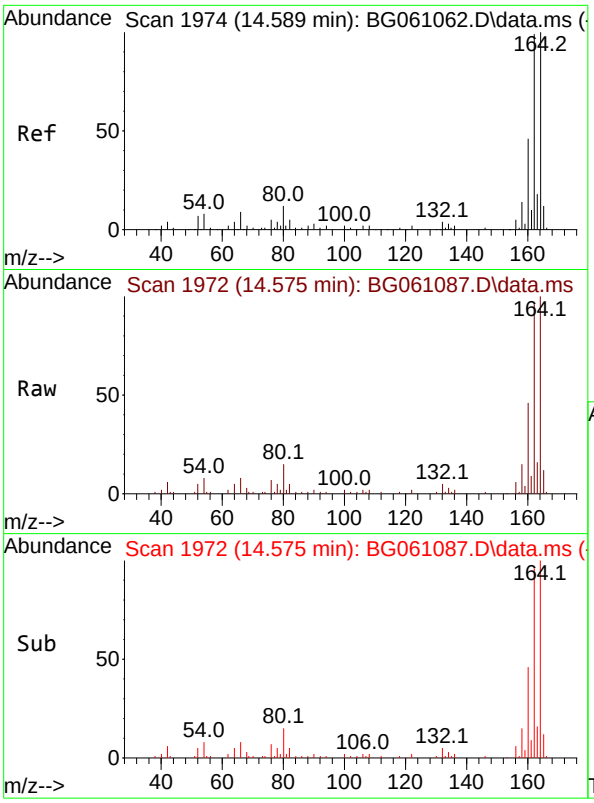


#23
Nitrobenzene-d5
Concen: 87.229 ng
RT: 9.105 min Scan# 1041
Delta R.T. -0.014 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Tgt Ion: 82 Resp: 113043

Ion	Ratio	Lower	Upper
82	100		
128	38.2	32.7	49.1
54	76.4	65.6	98.4



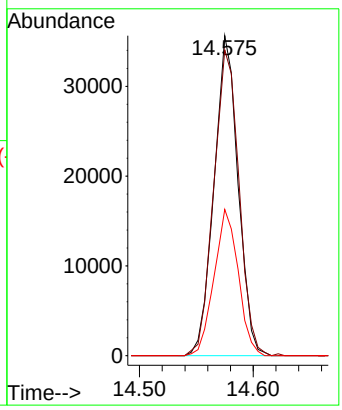


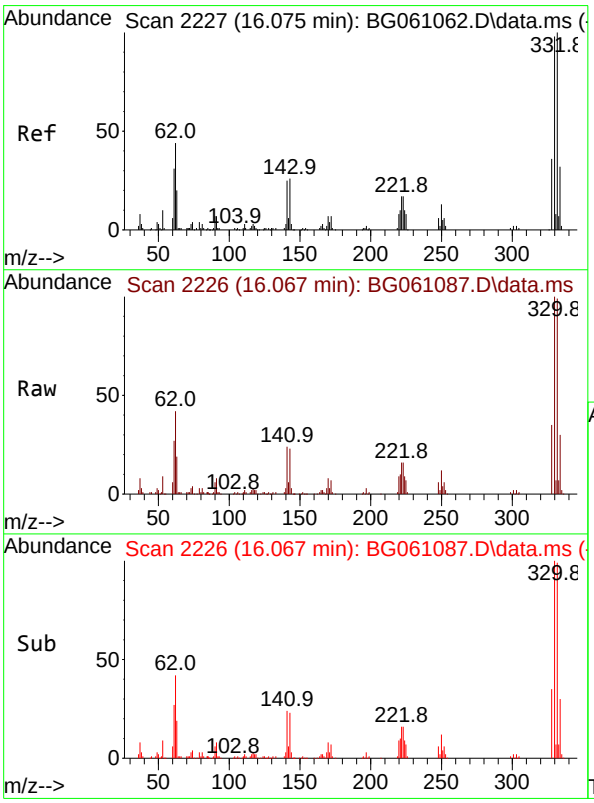
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 52337

Ion	Ratio	Lower	Upper
164	100		
162	95.6	79.4	119.2
160	45.7	37.0	55.6

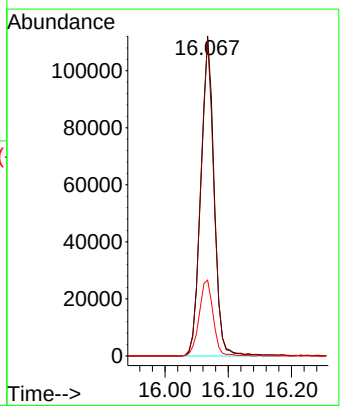


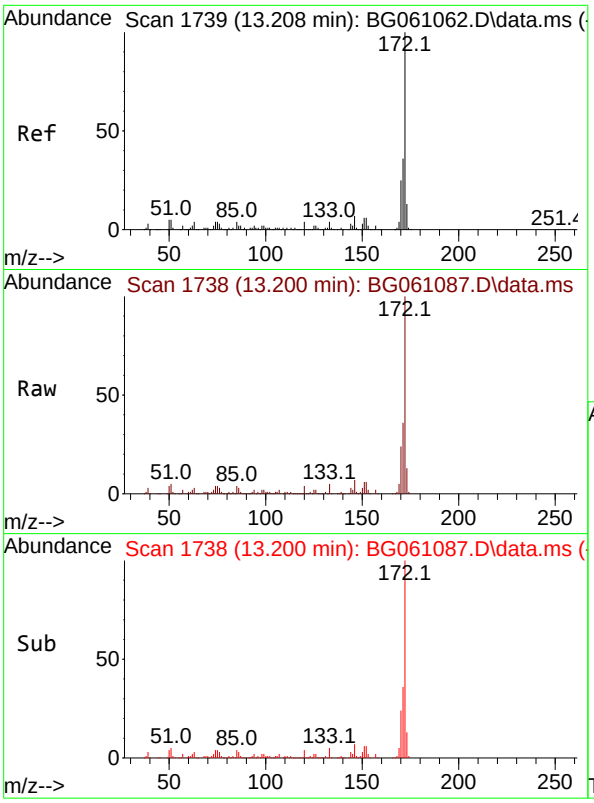


#42
2,4,6-Tribromophenol
Concen: 155.981 ng
RT: 16.067 min Scan# 2226
Delta R.T. -0.008 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Tgt Ion:330 Resp: 163176

Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.6	117.8
141	25.0	20.5	30.7



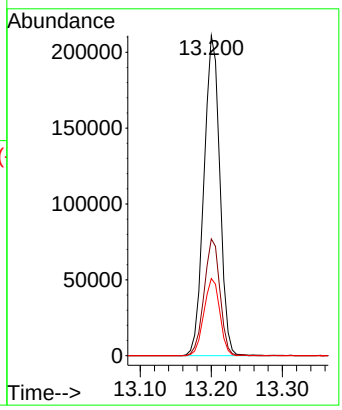


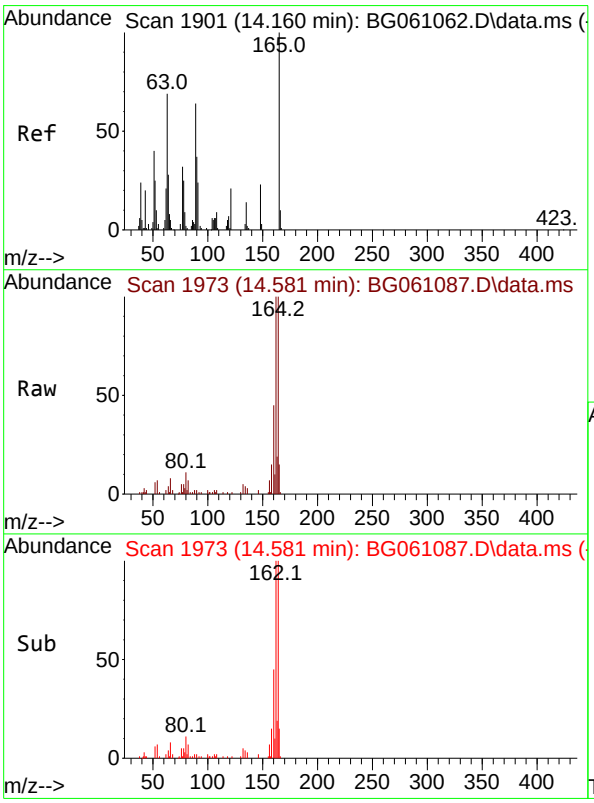
#45
2-Fluorobiphenyl
Concen: 92.692 ng
RT: 13.200 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 328070

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.1	20.2	30.4

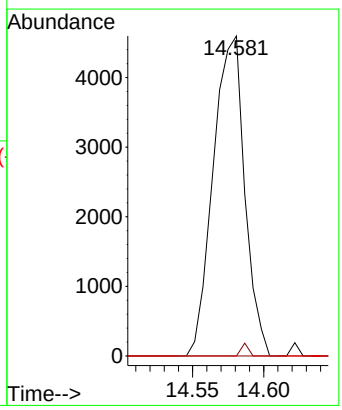


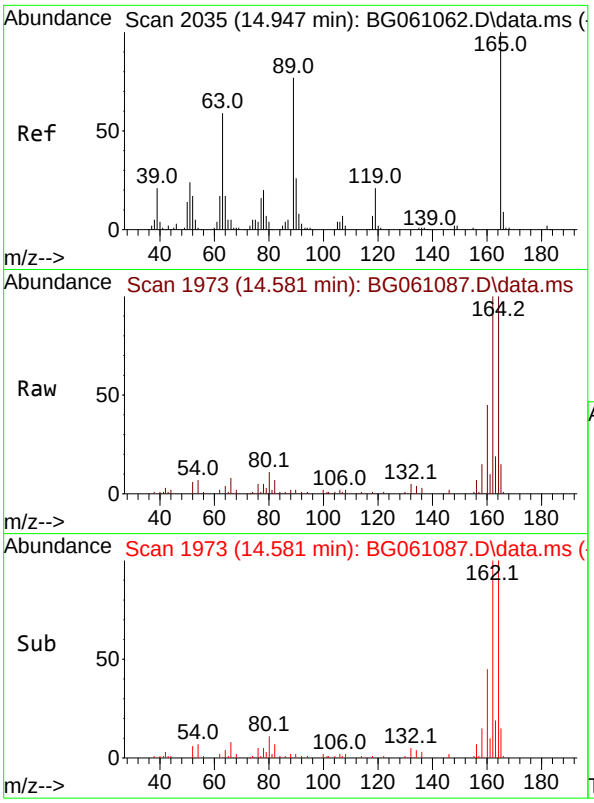


#51
2,6-Dinitrotoluene
Concen: 8.200 ng
RT: 14.581 min Scan# 1973
Delta R.T. 0.421 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Tgt Ion:165 Resp: 7090

Ion	Ratio	Lower	Upper
165	100		
63	0.0	60.0	90.0#
89	0.0	50.9	76.3#



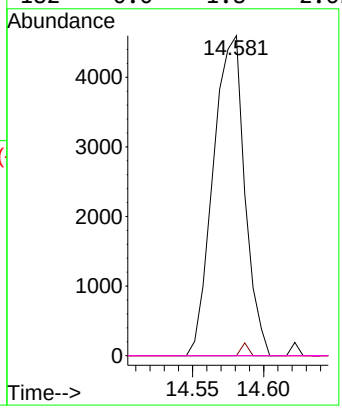


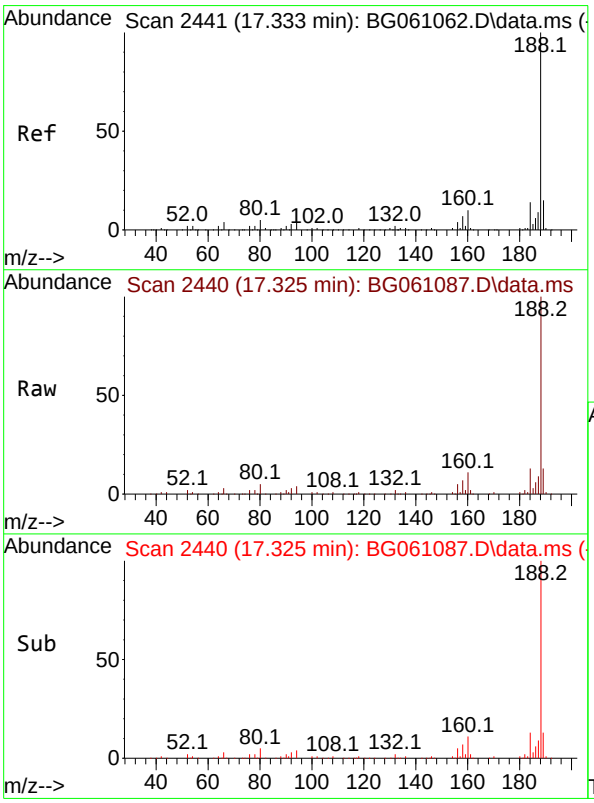
#57
2,4-Dinitrotoluene
Concen: 5.542 ng
RT: 14.581 min Scan# 1
Delta R.T. -0.367 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 7090

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	0.0	61.8	92.8#
182	0.0	1.8	2.6#

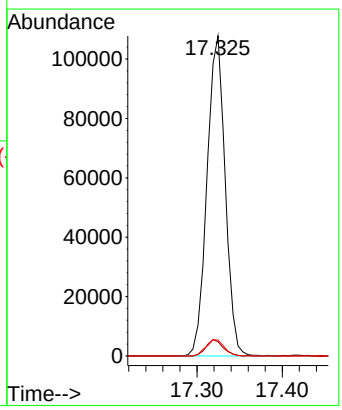


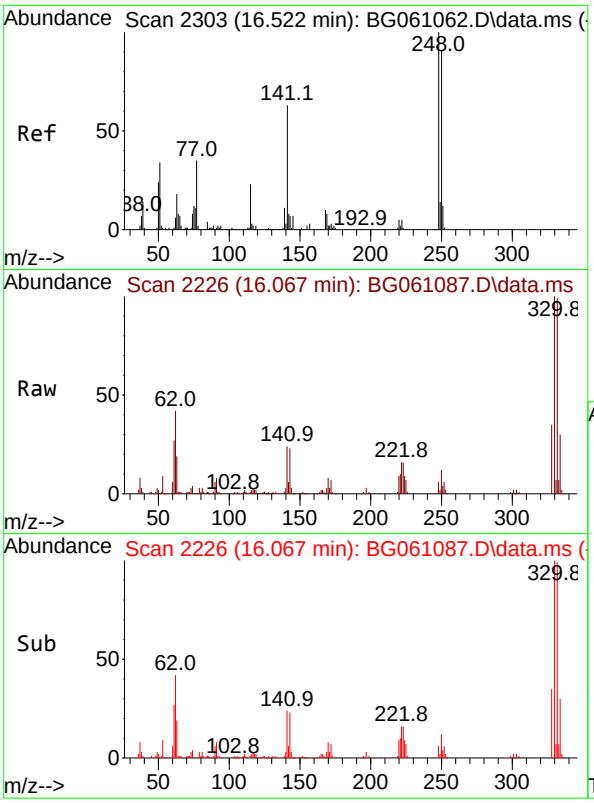


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2440
Delta R.T. -0.008 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Tgt Ion:188 Resp: 159743

Ion	Ratio	Lower	Upper
188	100		
94	4.5	3.6	5.4
80	4.9	4.2	6.2



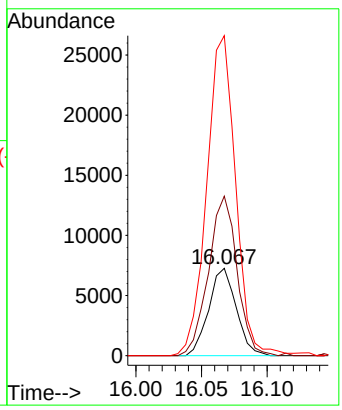


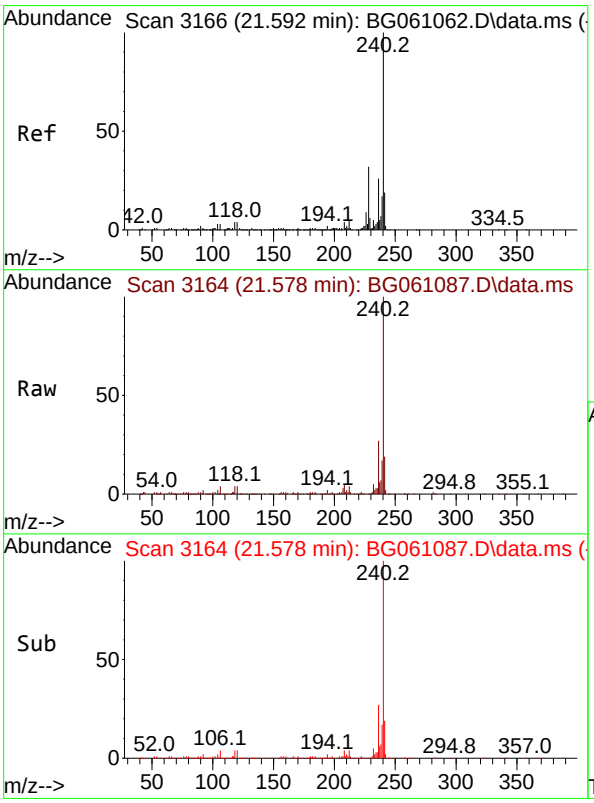
#67
4-Bromophenyl-phenylether
Concen: 5.633 ng
RT: 16.067 min Scan# 2
Delta R.T. -0.455 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10600

Ion	Ratio	Lower	Upper
248	100		
250	182.8	73.0	109.4#
141	366.6	50.8	76.2#

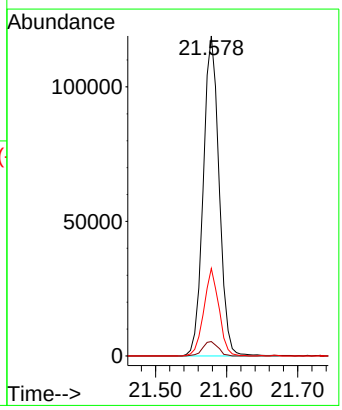


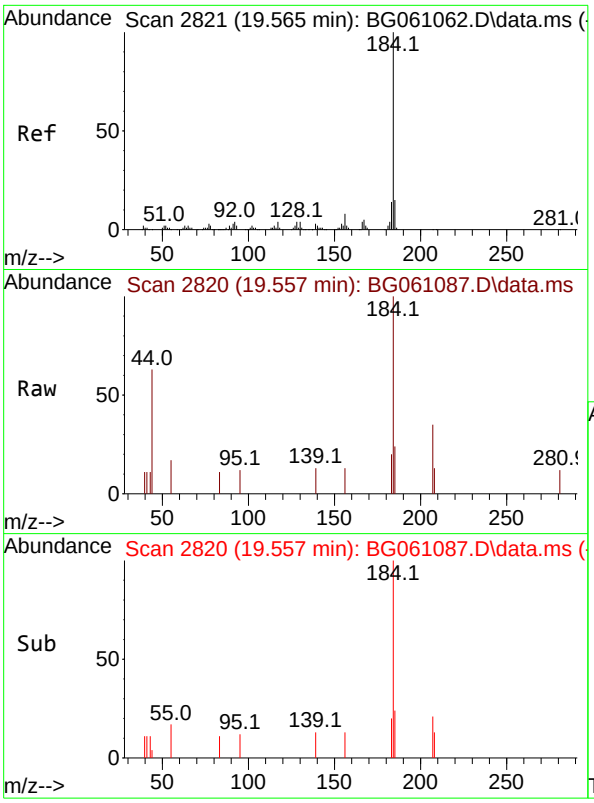


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.014 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Tgt Ion:240 Resp: 184776

Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.2	4.8
236	27.3	21.0	31.6



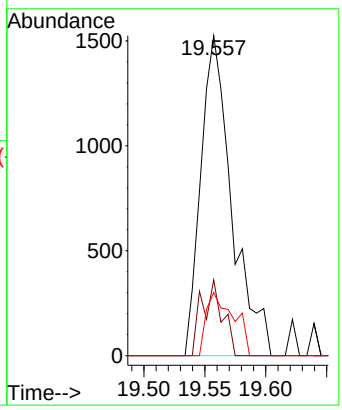


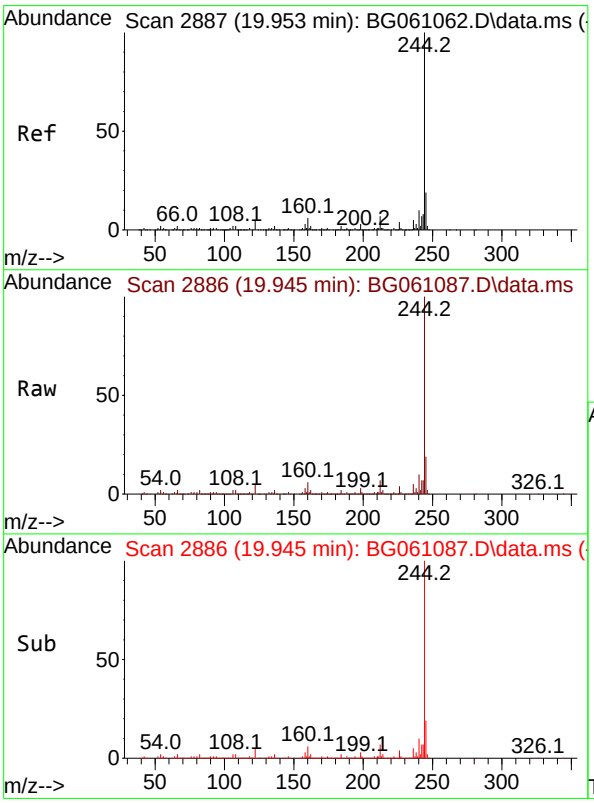
#77
Benzidine
Concen: 3.520 ng
RT: 19.557 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 2704

Ion	Ratio	Lower	Upper
184	100		
185	23.7	12.0	18.0#
183	19.7	10.9	16.3#

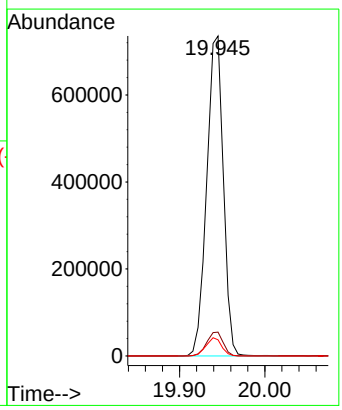


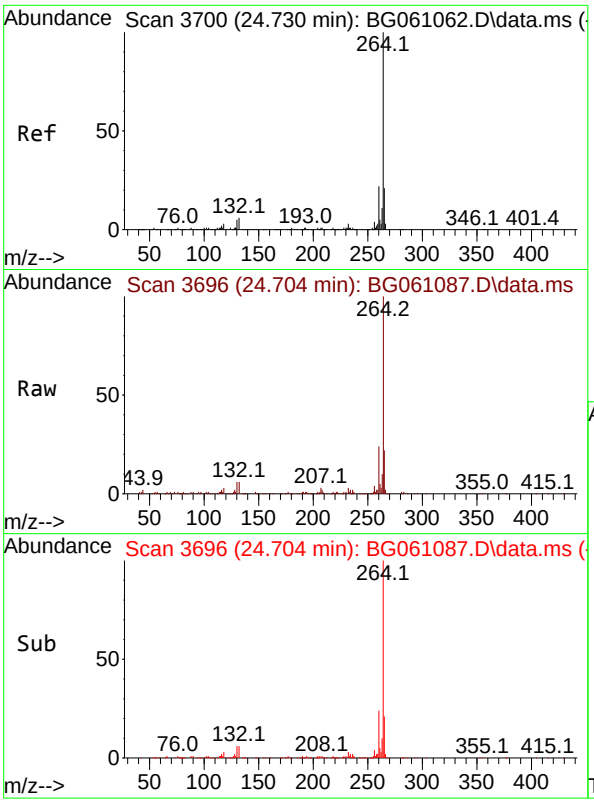


#79
Terphenyl-d14
Concen: 89.627 ng
RT: 19.945 min Scan# 2886
Delta R.T. -0.008 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Tgt Ion:244 Resp: 995759

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	5.1	4.2	6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.704 min Scan# 3
Delta R.T. -0.026 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 212041

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.7	26.5
265	21.7	16.4	24.6