Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083024\
Data File : BG062616.D
Acq On : 30 Aug 2024 15:36
Operator : MA/JU
Sample : PB163024BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB163024BL

Quant Time: Aug 31 02:57:05 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	7.918	152	51320	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	227847	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	181857	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	527167	20.000	ng	0.00
76) Chrysene-d12	21.532	240	559653	20.000	ng	0.00
86) Perylene-d12	24.599	264	631780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	479739	161.584	ng	0.00
7) Phenol-d6	7.090	99	651418	151.877	ng	0.00
23) Nitrobenzene-d5	9.076	82	407651	96.357	ng	0.00
42) 2,4,6-Tribromophenol	16.032	330	413634	161.620	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	1099546	97.936	ng	0.00
79) Terphenyl-d14	19.910	244	2704191	95.809	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.076	70	54604	16.156	ng	# 76
51) 2,6-Dinitrotoluene	14.546	165	24787	9.855	ng	# 23
57) 2,4-Dinitrotoluene	14.546	165	24787	7.223	ng	# 24
67) 4-Bromophenyl-phenylether	16.032	248	27610	5.075	ng	# 1
77) Benzidine	19.910	184	42684	4.232	ng	# 87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083024\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Aug 31 02:57:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
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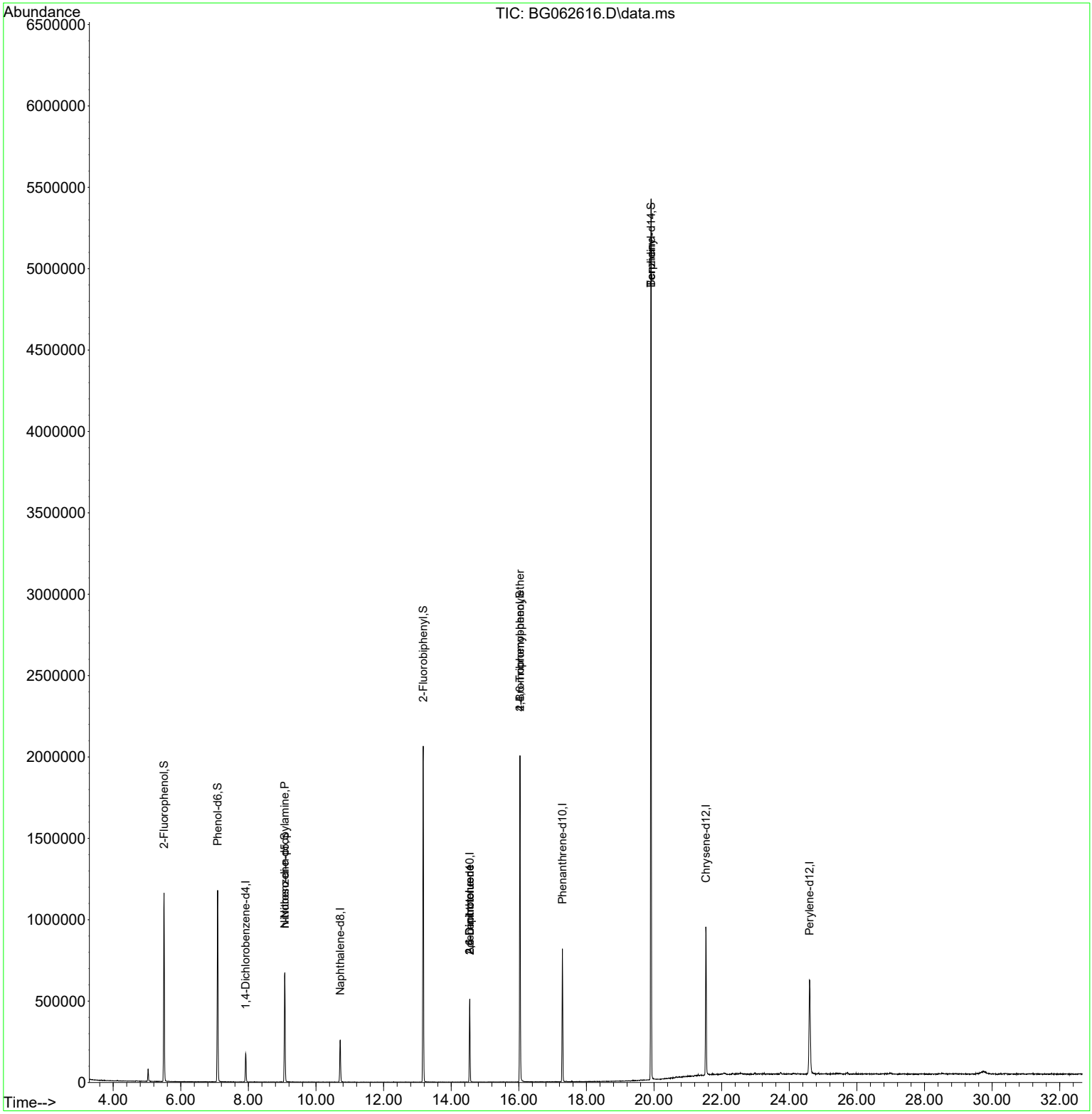
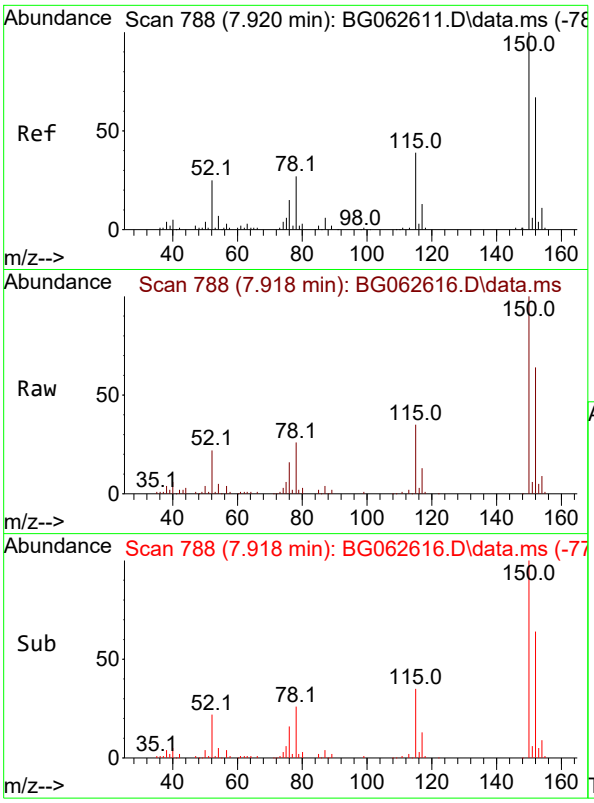


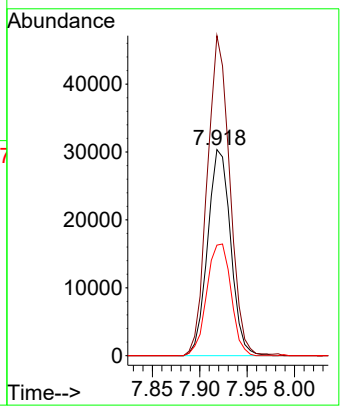


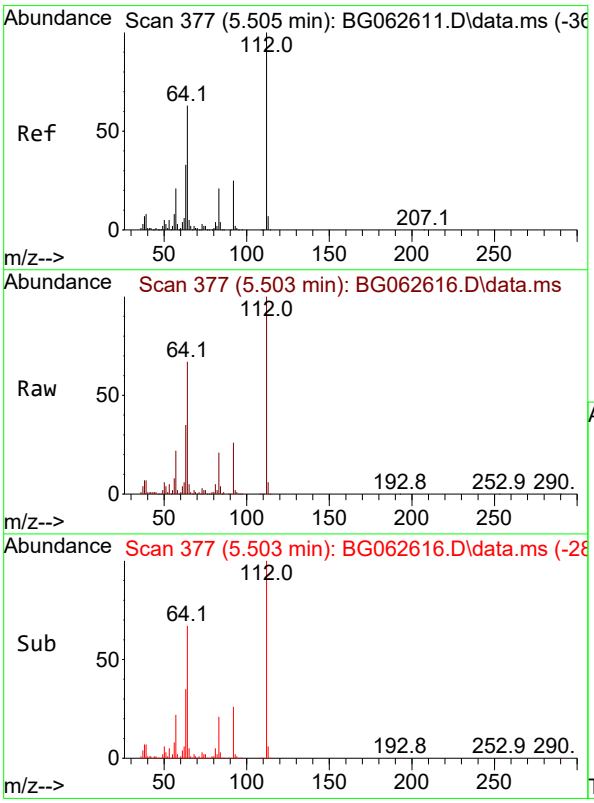
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 7
Delta R.T. -0.002 min
Lab File: BG062616.D
Acq: 30 Aug 2024 15:36

Instrument :
BNA_G
ClientSampleId :
PB163024BL

Tgt Ion:152 Resp: 51320

Ion	Ratio	Lower	Upper
152	100		
150	155.2	119.9	179.9
115	53.7	46.6	69.8

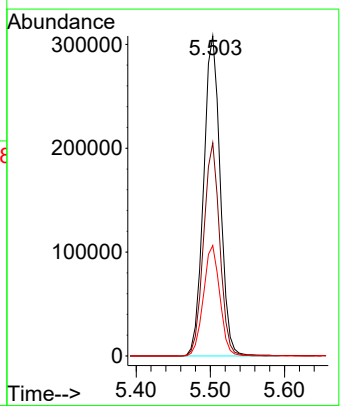


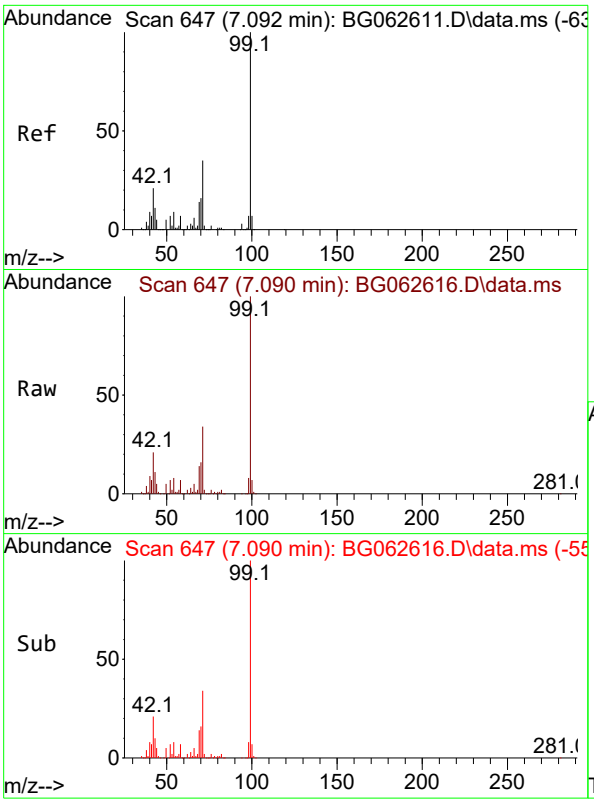


#5
2-Fluorophenol
Concen: 161.584 ng
RT: 5.503 min Scan# 377
Delta R.T. -0.002 min
Lab File: BG062616.D
Acq: 30 Aug 2024 15:36

Tgt Ion:112 Resp: 479739

Ion	Ratio	Lower	Upper
112	100		
64	66.6	50.2	75.2
63	34.5	26.6	39.8



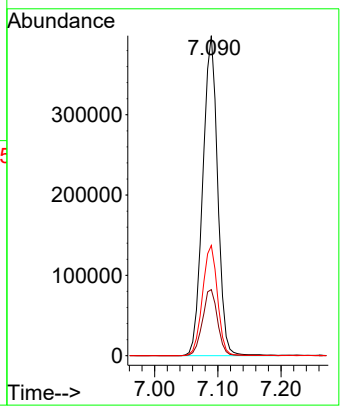


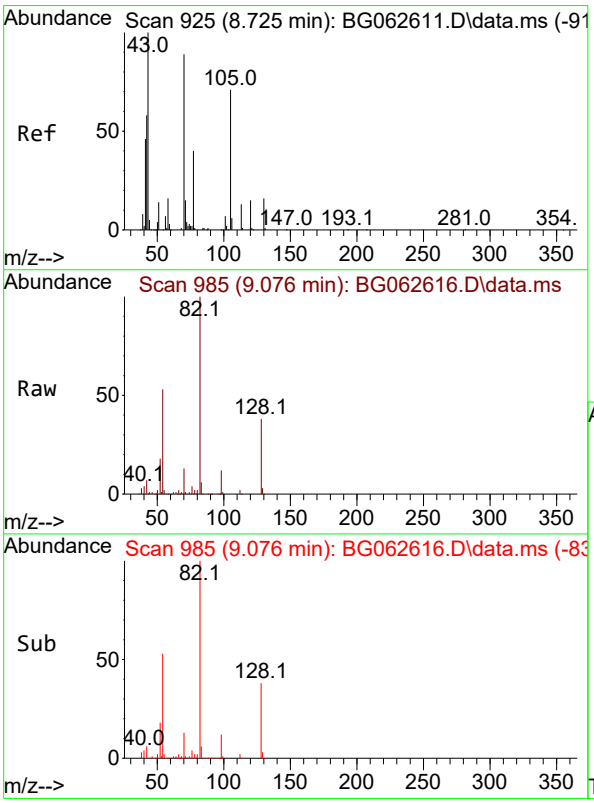
#7
Phenol-d6
Concen: 151.877 ng
RT: 7.090 min Scan# 64
Delta R.T. -0.002 min
Lab File: BG062616.D
Acq: 30 Aug 2024 15:36

Instrument :
BNA_G
ClientSampleId :
PB163024BL

Tgt Ion: 99 Resp: 651418

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.9	25.3
71	34.5	27.9	41.9

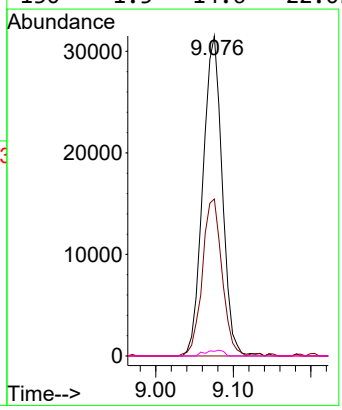


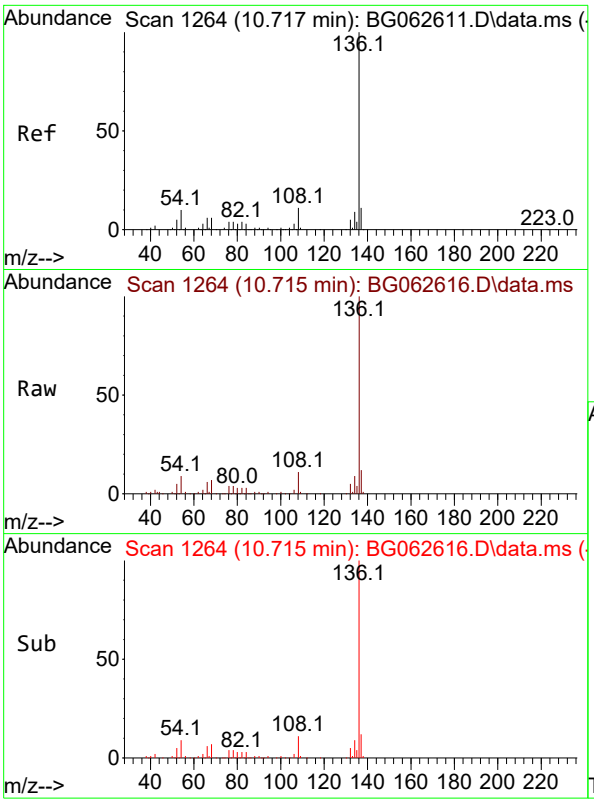


#19
n-Nitroso-di-n-propylamine
Concen: 16.156 ng
RT: 9.076 min Scan# 985
Delta R.T. 0.350 min
Lab File: BG062616.D
Acq: 30 Aug 2024 15:36

Tgt Ion: 70 Resp: 54604

Ion	Ratio	Lower	Upper
70	100		
42	49.0	52.3	78.5#
101	0.0	6.6	9.8#
130	1.5	14.6	22.0#



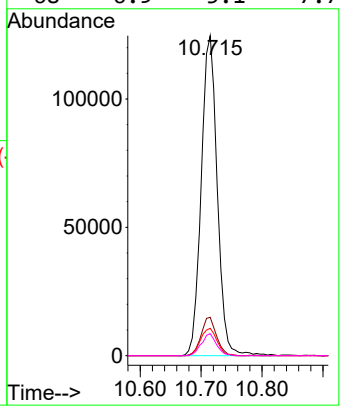


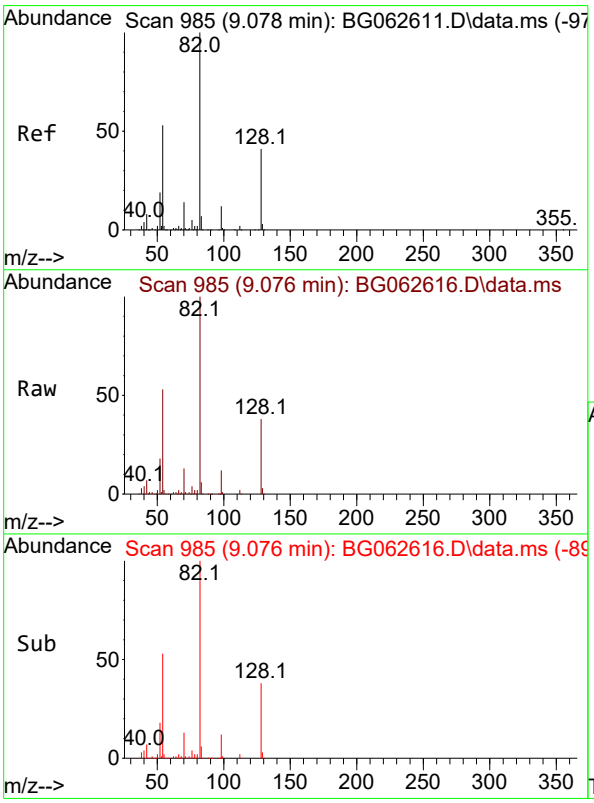
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG062616.D
Acq: 30 Aug 2024 15:36

Instrument :
BNA_G
ClientSampleId :
PB163024BL

Tgt Ion:136 Resp: 227847

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.0	13.4
54	8.6	7.8	11.6
68	6.9	5.1	7.7

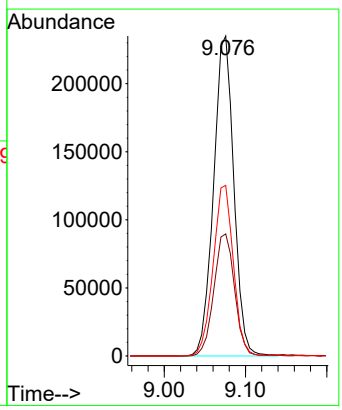


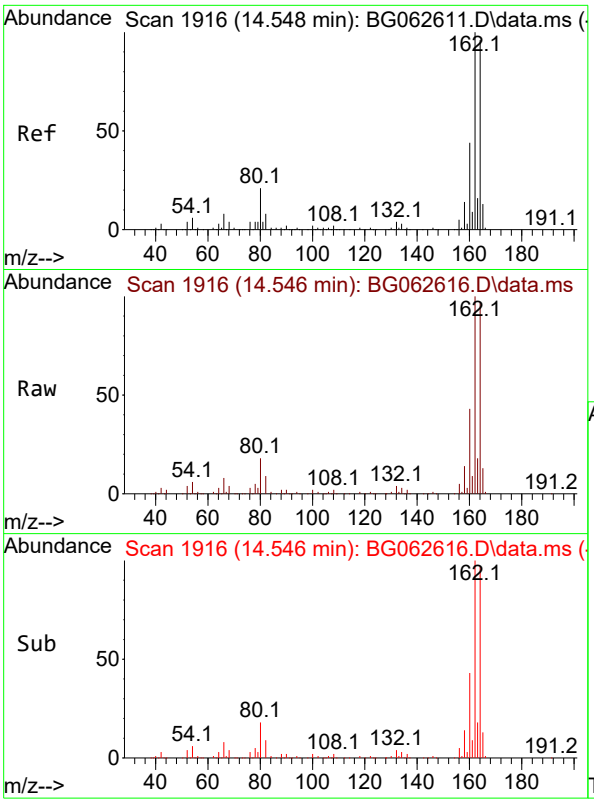


#23
Nitrobenzene-d5
Concen: 96.357 ng
RT: 9.076 min Scan# 985
Delta R.T. -0.002 min
Lab File: BG062616.D
Acq: 30 Aug 2024 15:36

Tgt Ion: 82 Resp: 407651

Ion	Ratio	Lower	Upper
82	100		
128	38.1	32.5	48.7
54	53.3	42.5	63.7



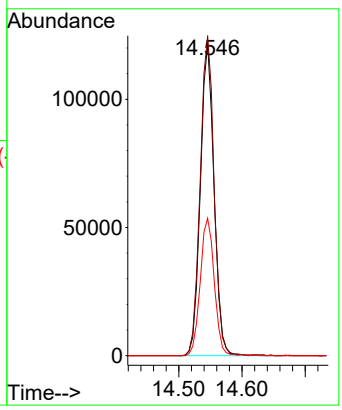


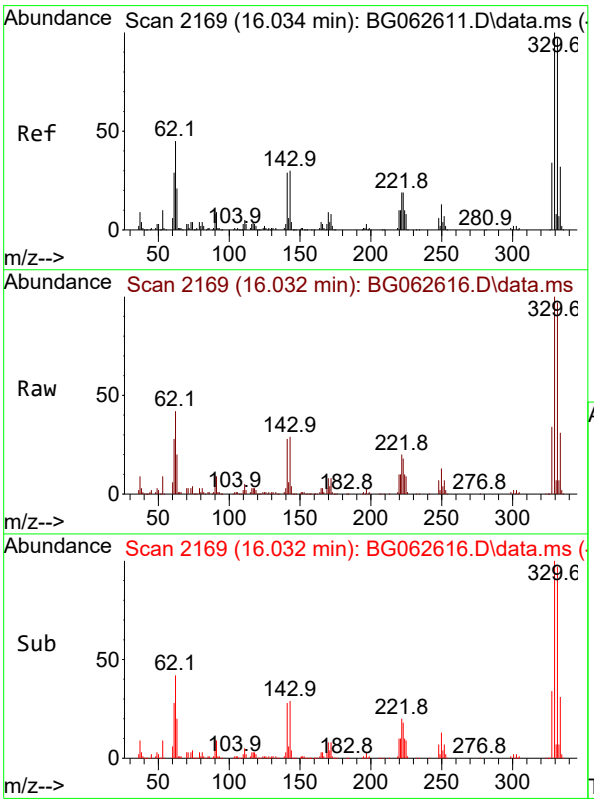
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.546 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG062616.D
Acq: 30 Aug 2024 15:36

Instrument :
BNA_G
ClientSampleId :
PB163024BL

Tgt Ion:164 Resp: 181857

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.1	124.7
160	44.1	36.2	54.4

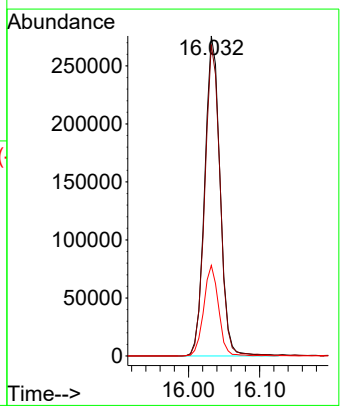


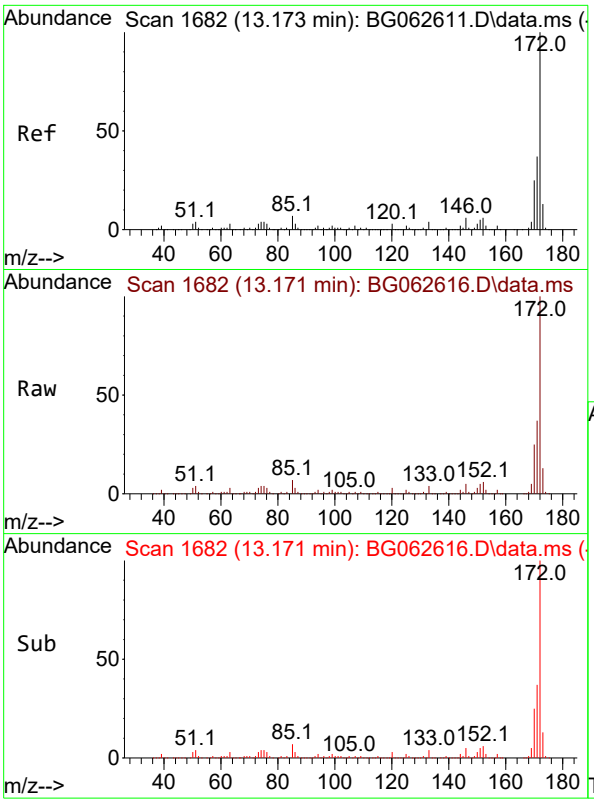


#42
2,4,6-Tribromophenol
Concen: 161.620 ng
RT: 16.032 min Scan# 2169
Delta R.T. -0.002 min
Lab File: BG062616.D
Acq: 30 Aug 2024 15:36

Tgt Ion:330 Resp: 413634

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.2	115.8
141	27.4	22.2	33.4



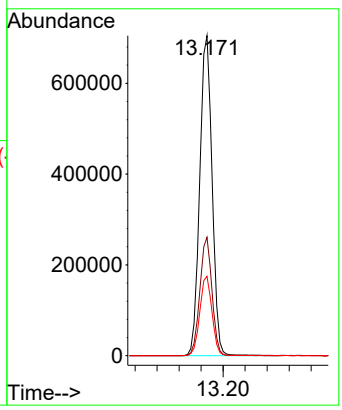


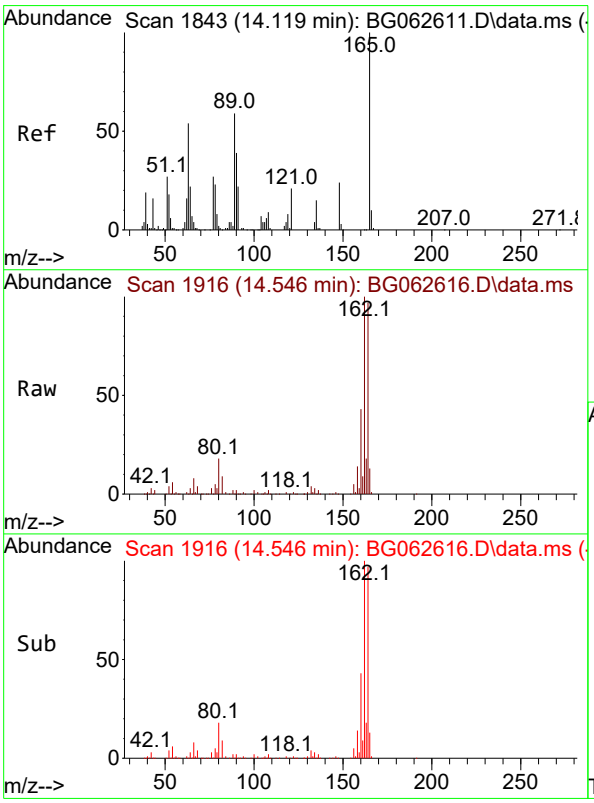
#45
2-Fluorobiphenyl
Concen: 97.936 ng
RT: 13.171 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG062616.D
Acq: 30 Aug 2024 15:36

Instrument :
BNA_G
ClientSampleId :
PB163024BL

Tgt Ion:172 Resp: 1099546

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.8	20.0	30.0

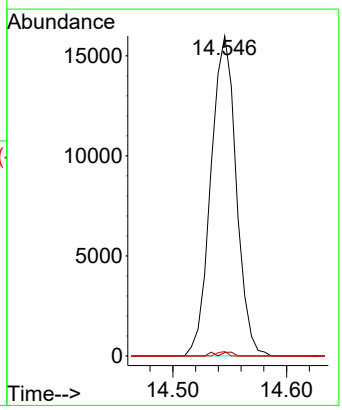


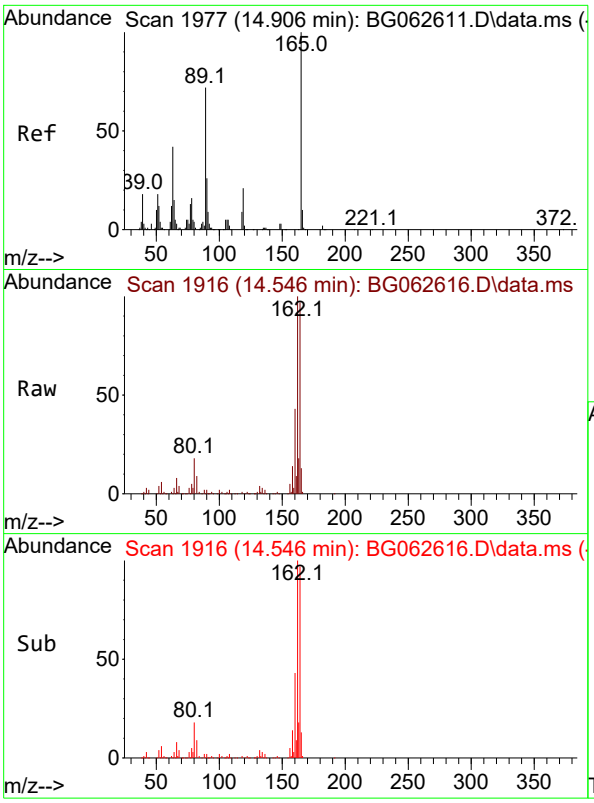


#51
2,6-Dinitrotoluene
Concen: 9.855 ng
RT: 14.546 min Scan# 1916
Delta R.T. 0.427 min
Lab File: BG062616.D
Acq: 30 Aug 2024 15:36

Tgt Ion:165 Resp: 24787

Ion	Ratio	Lower	Upper
165	100		
63	1.1	46.6	69.8#
89	1.4	47.2	70.8#



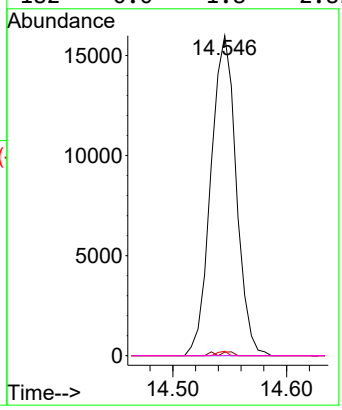


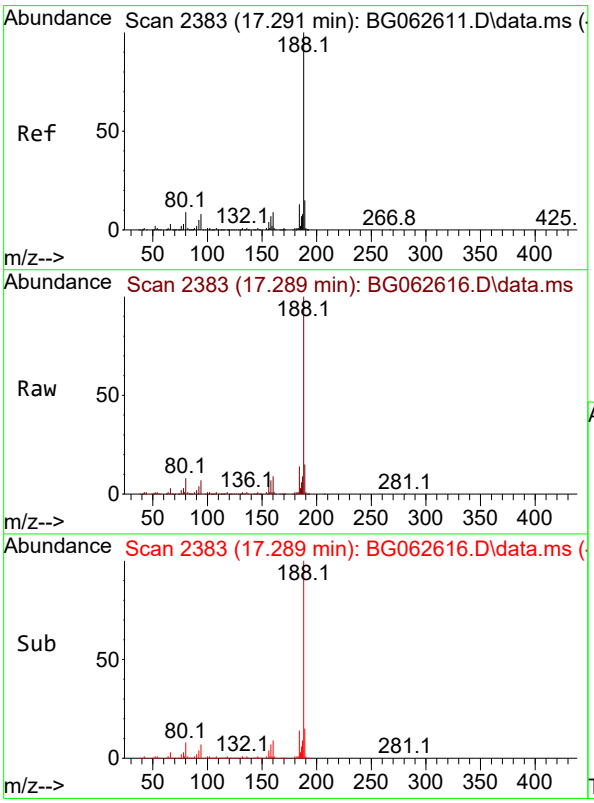
#57
2,4-Dinitrotoluene
Concen: 7.223 ng
RT: 14.546 min Scan# 1
Delta R.T. -0.360 min
Lab File: BG062616.D
Acq: 30 Aug 2024 15:36

Instrument :
BNA_G
ClientSampleId :
PB163024BL

Tgt Ion:165 Resp: 24787

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.8	50.6#
89	1.4	57.9	86.9#
182	0.0	1.8	2.8#

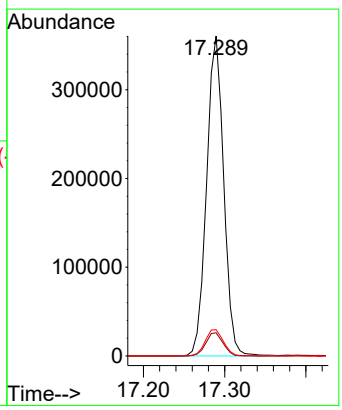


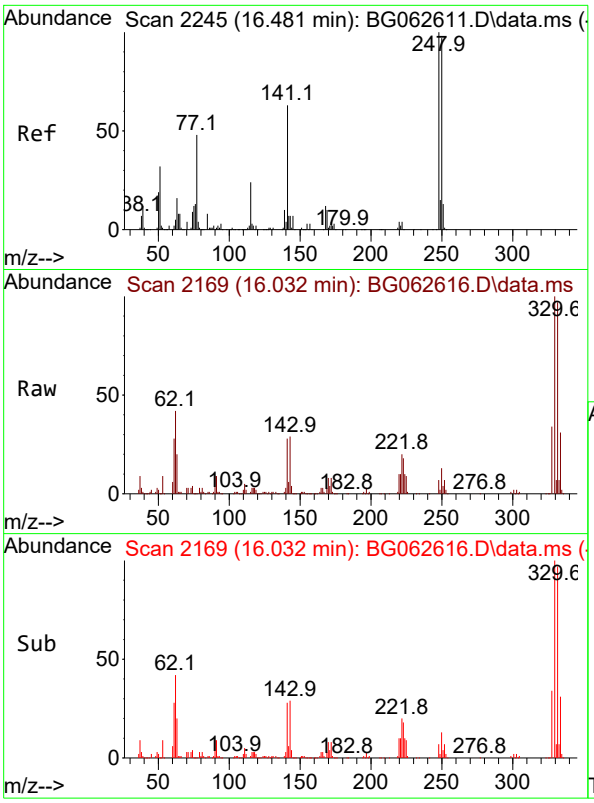


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2383
Delta R.T. -0.002 min
Lab File: BG062616.D
Acq: 30 Aug 2024 15:36

Tgt Ion:188 Resp: 527167

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.3	9.5
80	8.2	7.0	10.4



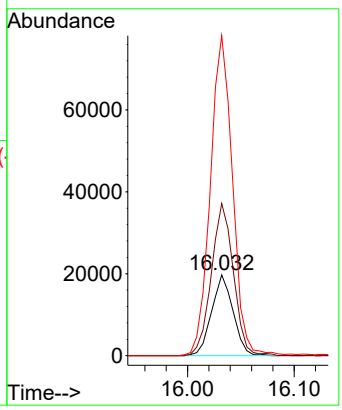


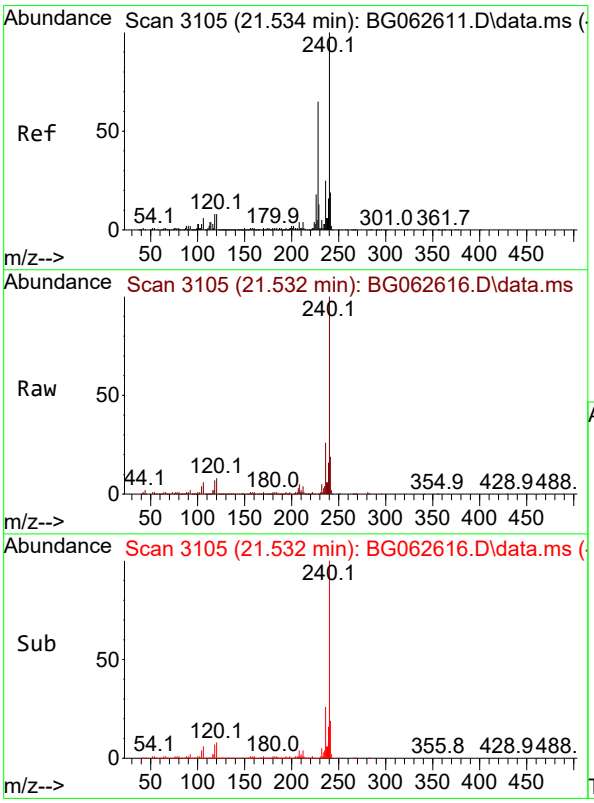
#67
4-Bromophenyl-phenylether
Concen: 5.075 ng
RT: 16.032 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG062616.D
Acq: 30 Aug 2024 15:36

Instrument :
BNA_G
ClientSampleId :
PB163024BL

Tgt Ion:248 Resp: 27610

Ion	Ratio	Lower	Upper
248	100		
250	145.6	77.9	116.9#
141	306.1	50.2	75.2#

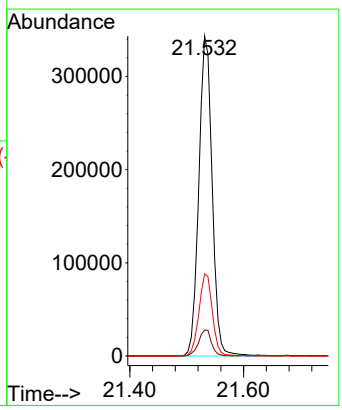


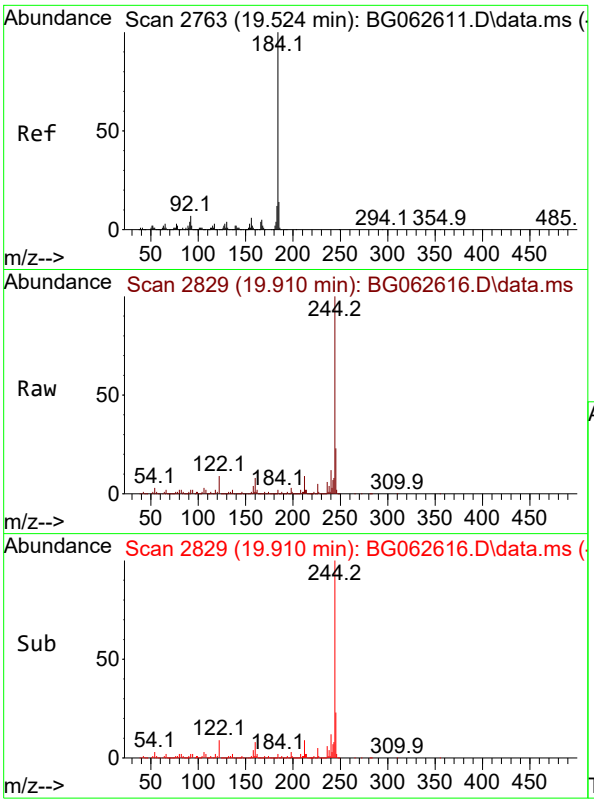


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.532 min Scan# 3105
Delta R.T. -0.002 min
Lab File: BG062616.D
Acq: 30 Aug 2024 15:36

Tgt Ion:240 Resp: 559653

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.6	9.8
236	25.7	20.2	30.4



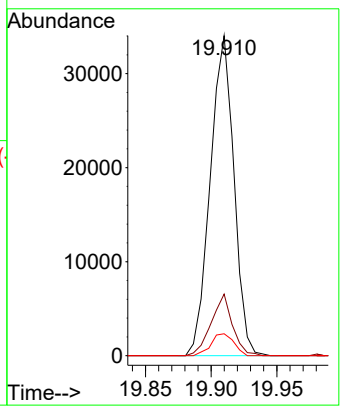


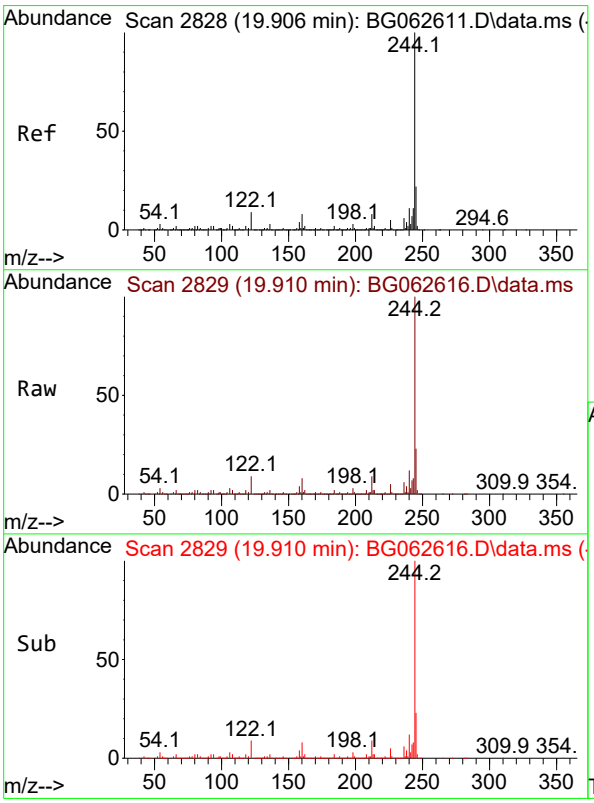
#77
Benzidine
Concen: 4.232 ng
RT: 19.910 min Scan# 2
Delta R.T. 0.386 min
Lab File: BG062616.D
Acq: 30 Aug 2024 15:36

Instrument :
BNA_G
ClientSampleId :
PB163024BL

Tgt Ion:184 Resp: 42684

Ion	Ratio	Lower	Upper
184	100		
185	19.3	11.0	16.6#
183	6.9	9.7	14.5#

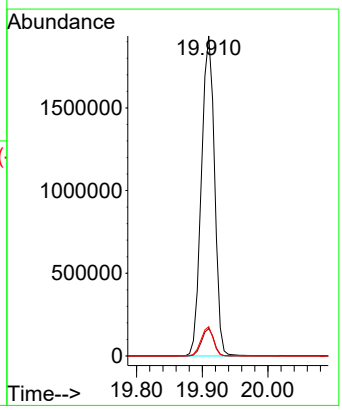


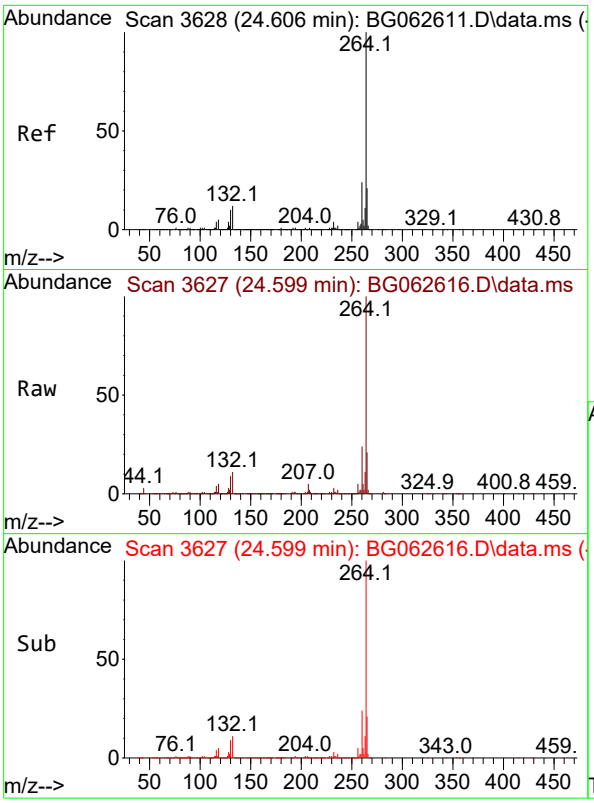


#79
Terphenyl-d14
Concen: 95.809 ng
RT: 19.910 min Scan# 2829
Delta R.T. 0.004 min
Lab File: BG062616.D
Acq: 30 Aug 2024 15:36

Tgt Ion:244 Resp: 2704191

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	9.1	7.2	10.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.599 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG062616.D
Acq: 30 Aug 2024 15:36

Instrument :
BNA_G
ClientSampleId :
PB163024BL

Tgt Ion:264 Resp: 631780

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.3	17.3	25.9