Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
Data File : BG059857.D
Acq On : 24 Nov 2023 13:51
Operator : MA/JU
Sample : 05412-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-1

Quant Time: Nov 24 14:29:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	20712	20.000	ng	-0.03
21) Naphthalene-d8	11.167	136	95315	20.000	ng	#-0.03
39) Acenaphthene-d10	14.951	164	65594	20.000	ng	#-0.02
64) Phenanthrene-d10	17.701	188	206274	20.000	ng	#-0.02
76) Chrysene-d12	22.019	240	175501	20.000	ng	#-0.03
86) Perylene-d12	25.591	264	199476	20.000	ng	#-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	203014	164.977	ng	-0.02
7) Phenol-d6	7.442	99	195639	107.284	ng	-0.01
23) Nitrobenzene-d5	9.522	82	151889	60.861	ng	-0.02
42) 2,4,6-Tribromophenol	16.438	330	93472	125.593	ng	-0.02
45) 2-Fluorobiphenyl	13.570	172	295999	60.742	ng	-0.03
79) Terphenyl-d14	20.274	244	803846	67.616	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.522	70	23416	16.306	ng	# 73
51) 2,6-Dinitrotoluene	14.951	165	9128	9.466	ng	# 1
57) 2,4-Dinitrotoluene	14.951	165	9128	6.155	ng	# 2
77) Benzidine	20.280	184	21886	5.500	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.825	149	29634	4.329	ng	# 88

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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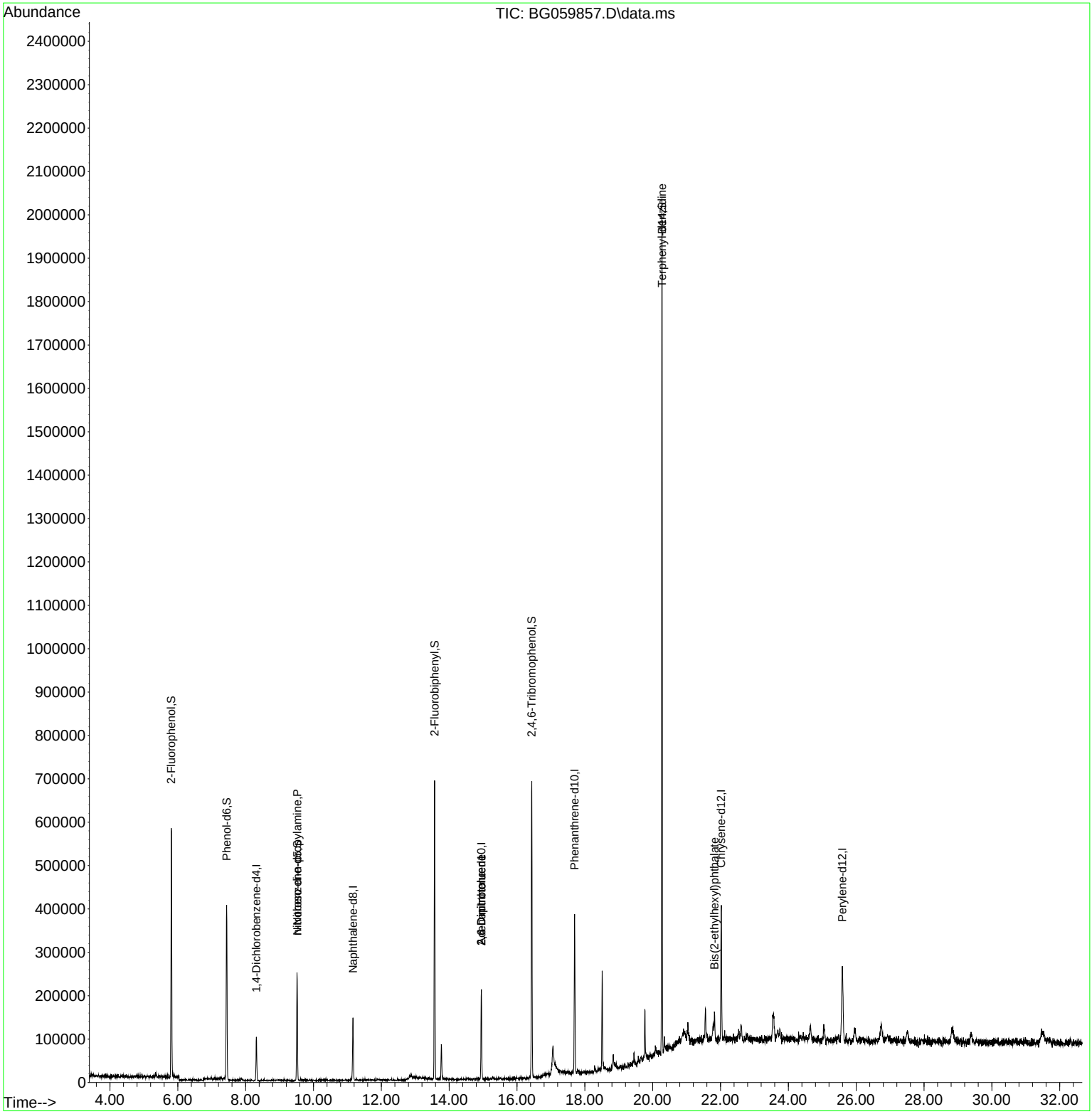
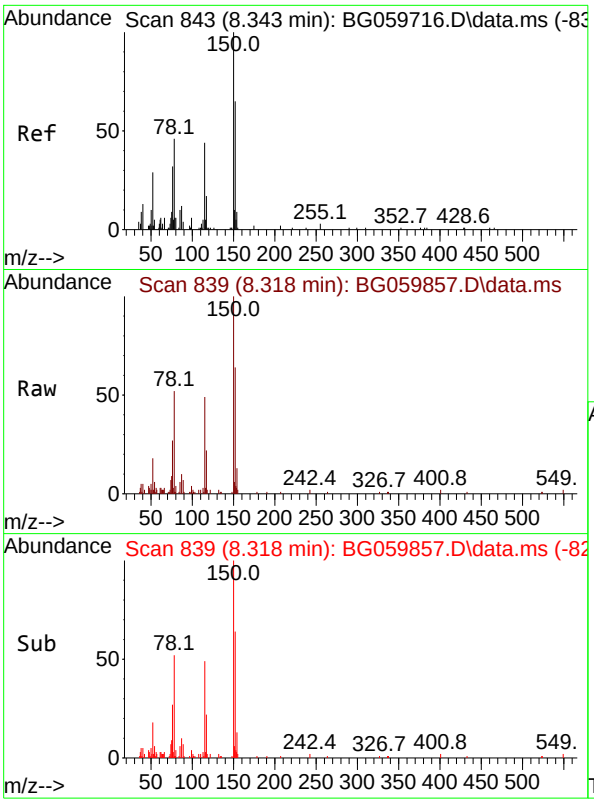


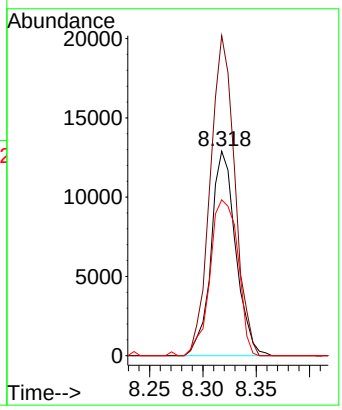


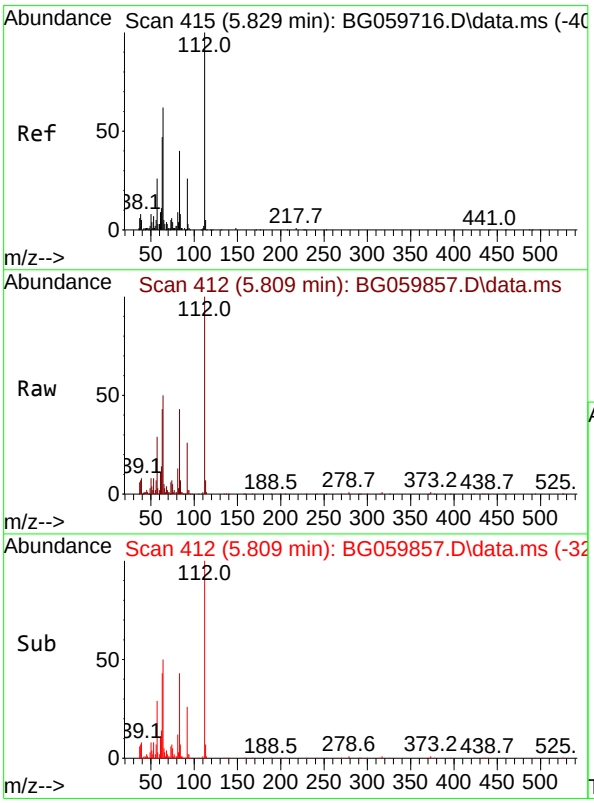
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 8
Delta R.T. -0.025 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion:152 Resp: 20712

Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.2	183.4
115	76.2	54.2	81.4

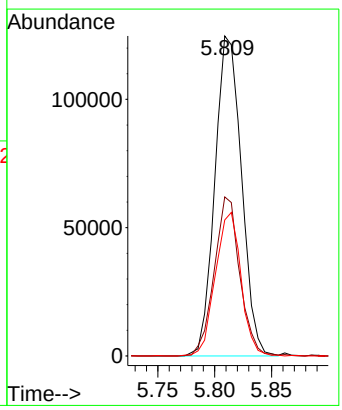


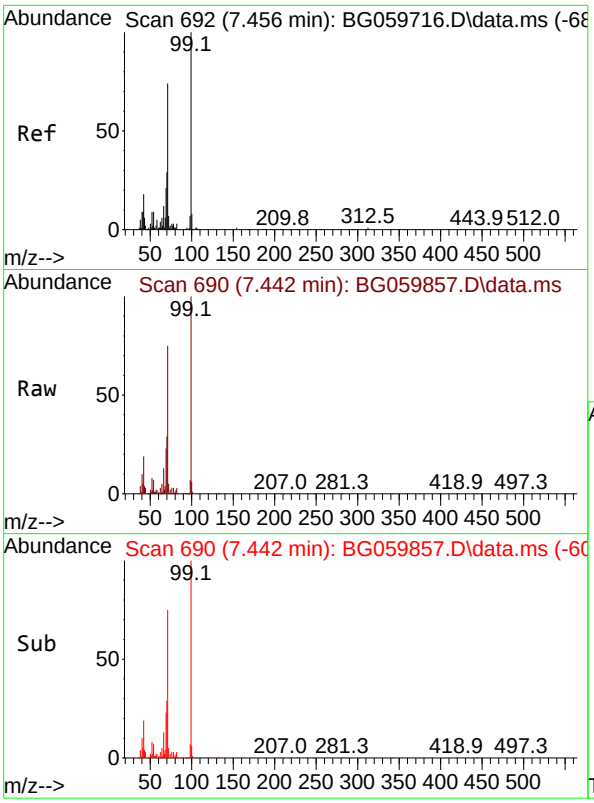


#5
2-Fluorophenol
Concen: 164.977 ng
RT: 5.809 min Scan# 412
Delta R.T. -0.020 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Tgt Ion:112 Resp: 203014

Ion	Ratio	Lower	Upper
112	100		
64	49.7	49.5	74.3
63	42.5	37.4	56.2



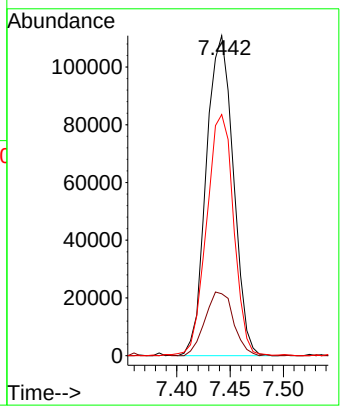


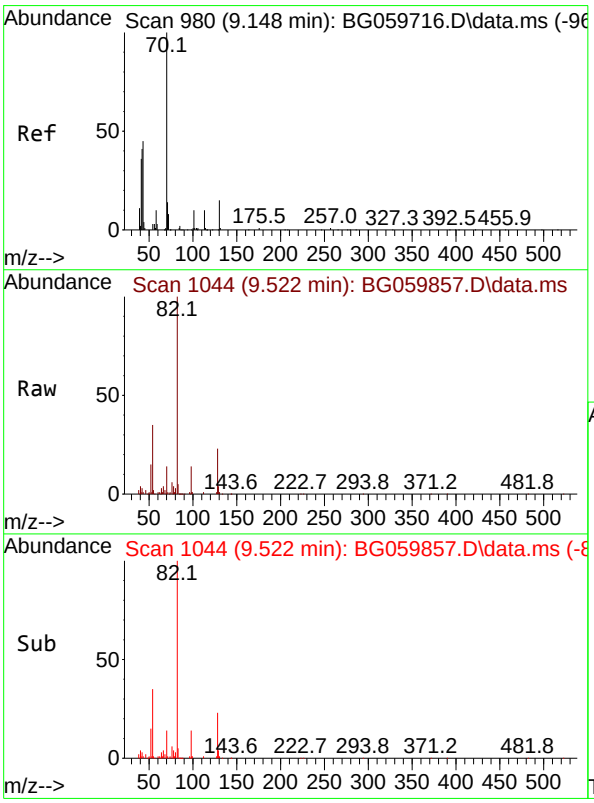
#7
Phenol-d6
Concen: 107.284 ng
RT: 7.442 min Scan# 6
Delta R.T. -0.014 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion: 99 Resp: 195639

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.3	21.5
71	75.3	59.3	88.9

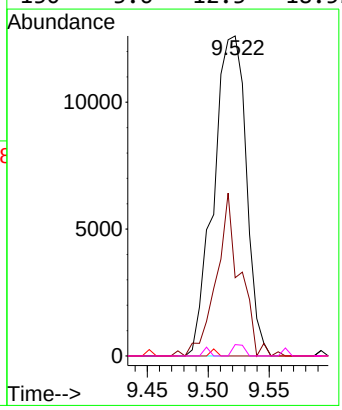


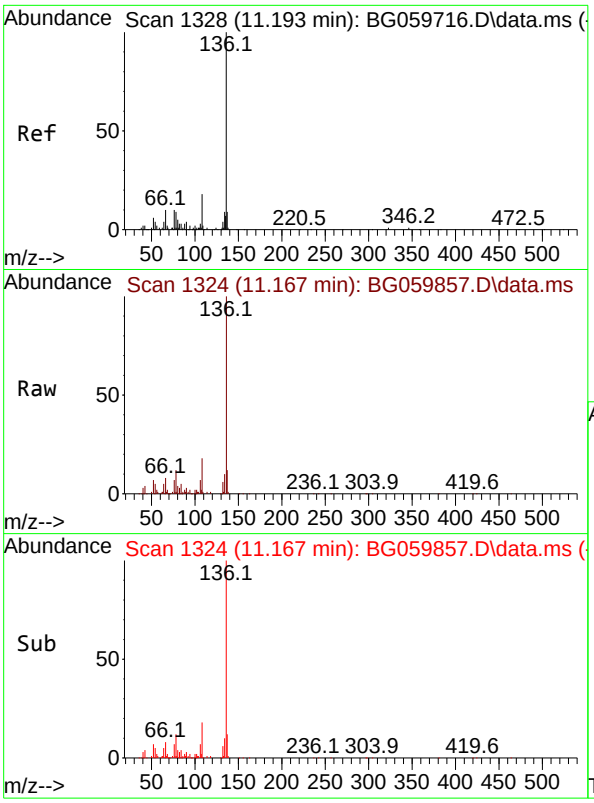


#19
n-Nitroso-di-n-propylamine
Concen: 16.306 ng
RT: 9.522 min Scan# 1044
Delta R.T. 0.374 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Tgt Ion: 70 Resp: 23416

Ion	Ratio	Lower	Upper
70	100		
42	24.5	32.8	49.2#
101	0.0	7.7	11.5#
130	3.6	12.3	18.5#



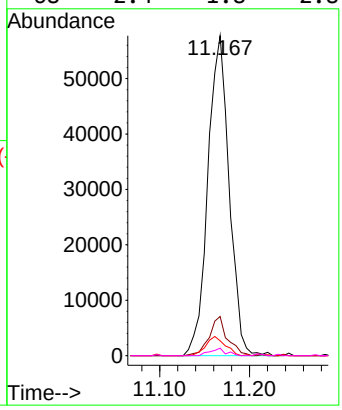


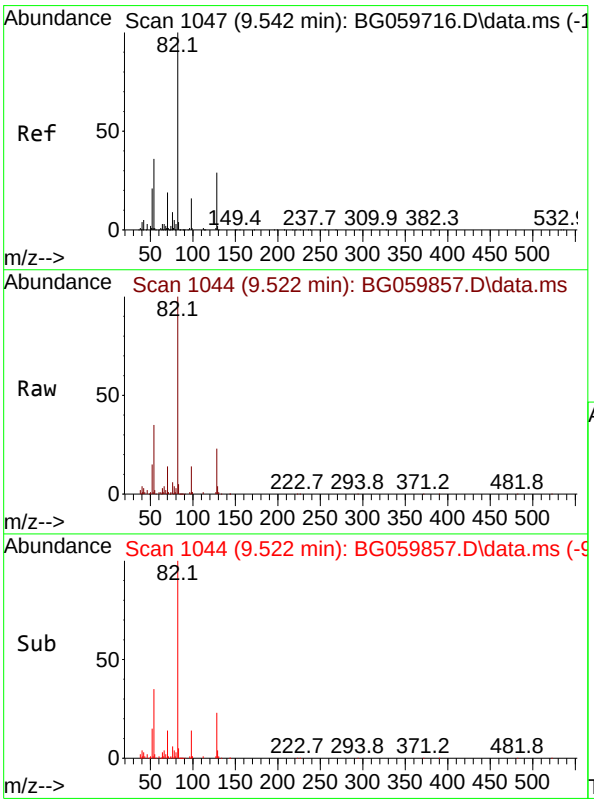
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1
Delta R.T. -0.026 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion:136 Resp: 95315

Ion	Ratio	Lower	Upper
136	100		
137	12.2	7.4	11.0#
54	4.7	3.1	4.7
68	2.4	1.8	2.8

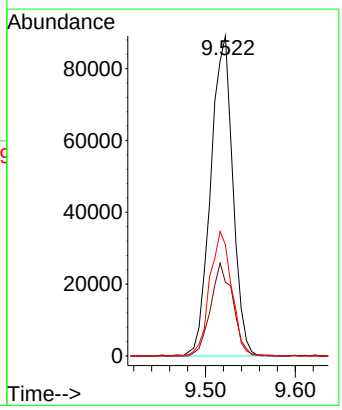


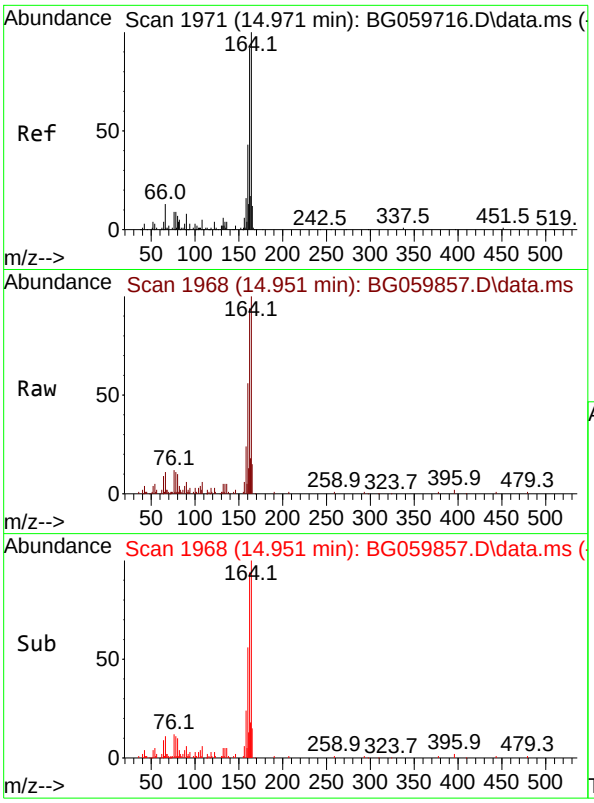


#23
Nitrobenzene-d5
Concen: 60.861 ng
RT: 9.522 min Scan# 1044
Delta R.T. -0.020 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Tgt Ion: 82 Resp: 151889

Ion	Ratio	Lower	Upper
82	100		
128	23.1	23.0	34.6
54	34.8	28.7	43.1



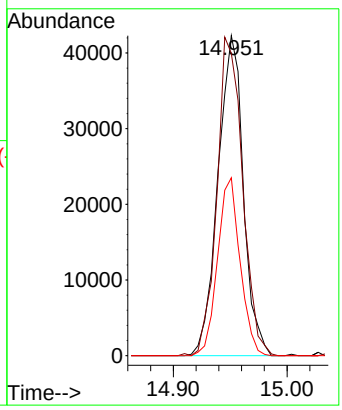


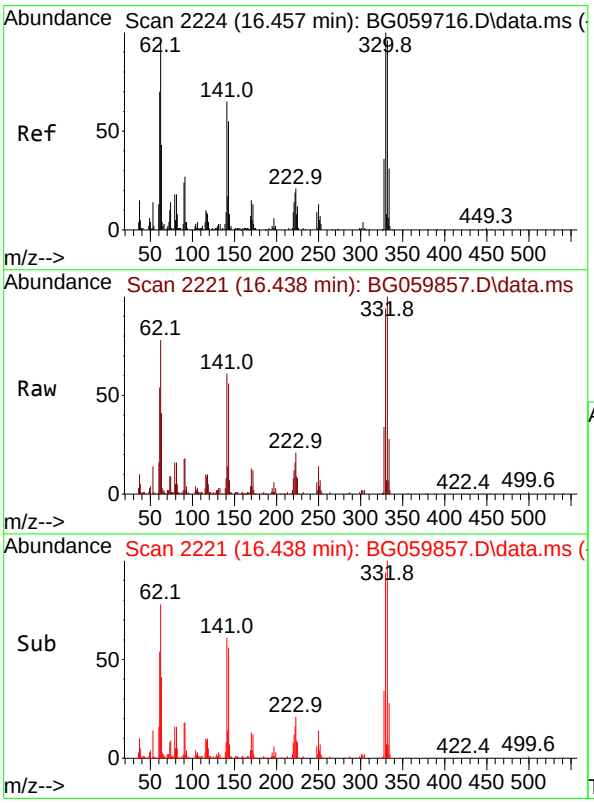
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 1
Delta R.T. -0.020 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion:164 Resp: 65594

Ion	Ratio	Lower	Upper
164	100		
162	94.5	73.3	109.9
160	55.6	34.1	51.1#

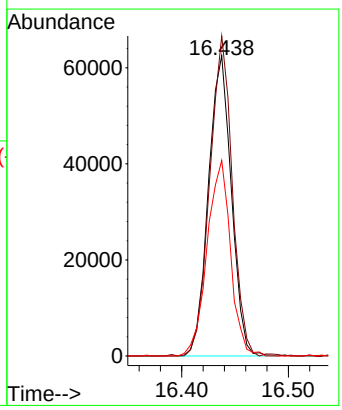


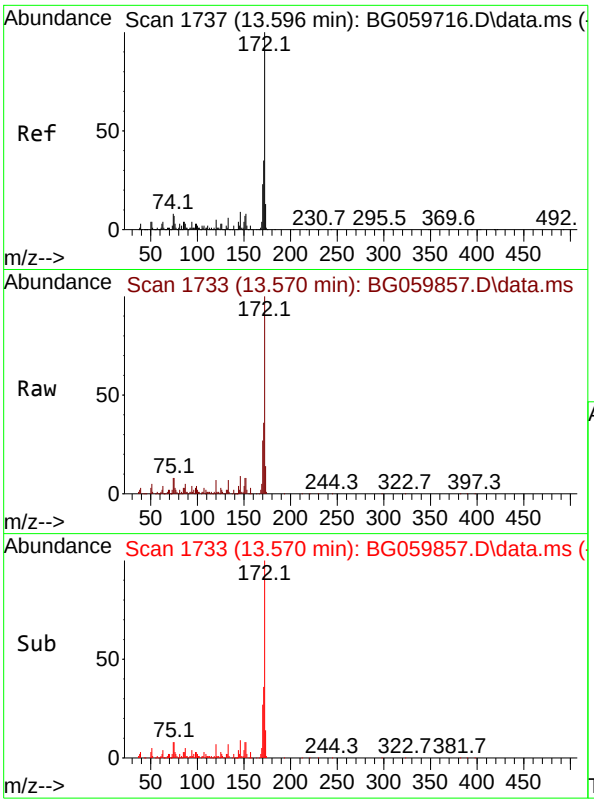


#42
2,4,6-Tribromophenol
Concen: 125.593 ng
RT: 16.438 min Scan# 2221
Delta R.T. -0.020 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Tgt Ion:330 Resp: 93472

Ion	Ratio	Lower	Upper
330	100		
332	104.3	73.3	109.9
141	66.5	52.1	78.1



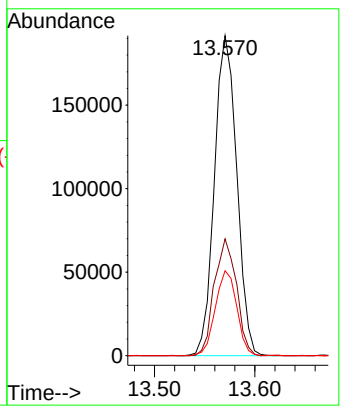


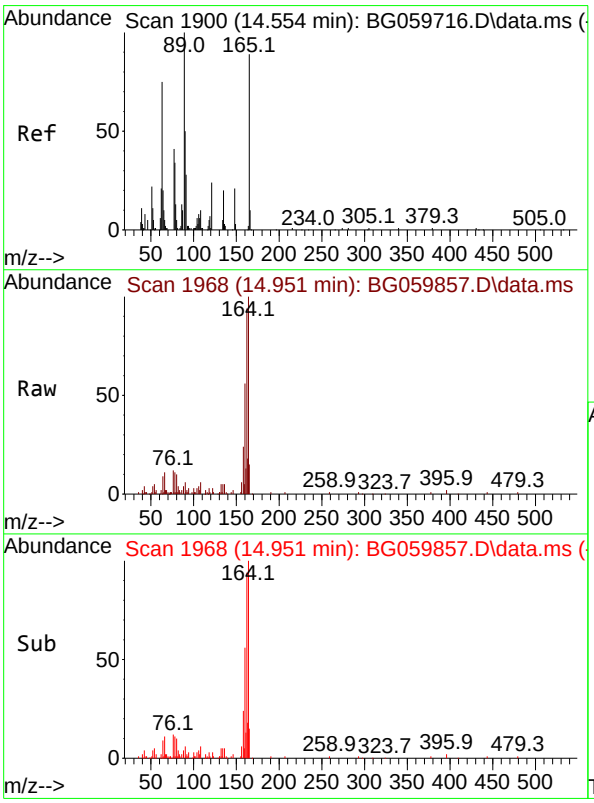
#45
2-Fluorobiphenyl
Concen: 60.742 ng
RT: 13.570 min Scan# 1
Delta R.T. -0.026 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion:172 Resp: 295999

Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.7	41.5
170	26.6	18.4	27.6

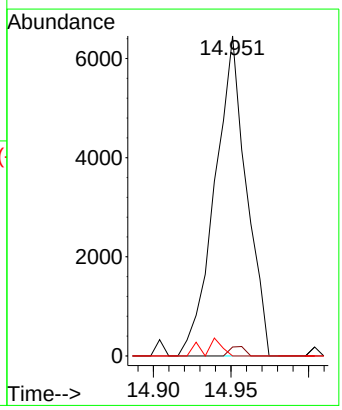


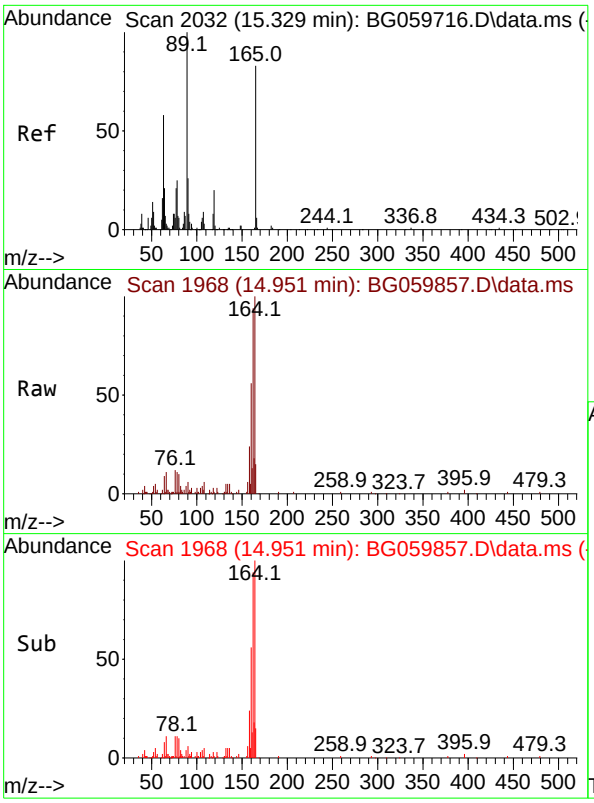


#51
2,6-Dinitrotoluene
Concen: 9.466 ng
RT: 14.951 min Scan# 1968
Delta R.T. 0.397 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Tgt Ion:165 Resp: 9128

Ion	Ratio	Lower	Upper
165	100		
63	2.8	75.3	112.9#
89	0.0	90.9	136.3#



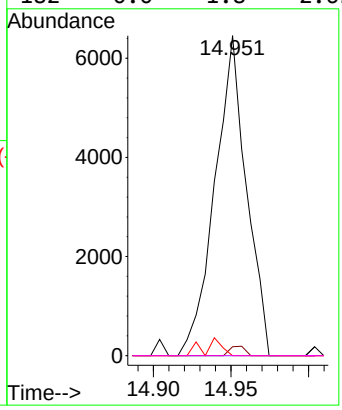


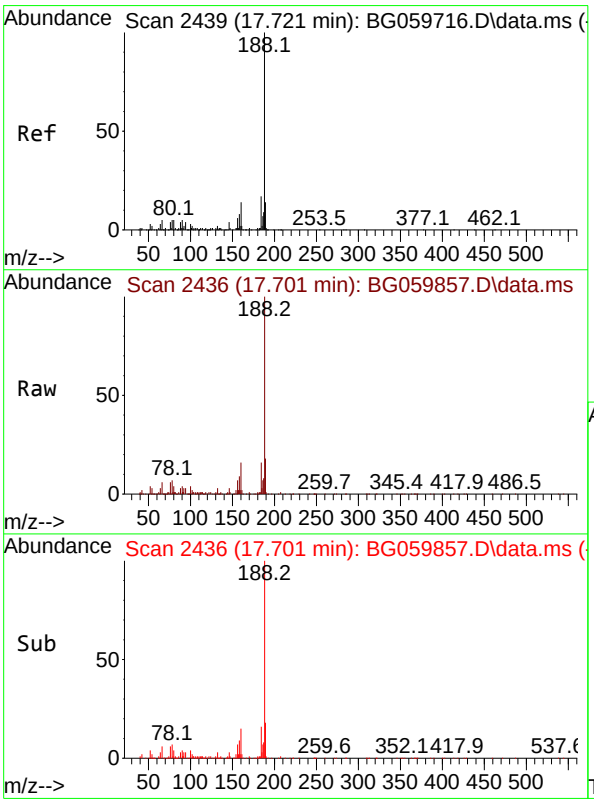
#57
2,4-Dinitrotoluene
Concen: 6.155 ng
RT: 14.951 min Scan# 1
Delta R.T. -0.378 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion:165 Resp: 9128

Ion	Ratio	Lower	Upper
165	100		
63	2.8	55.8	83.8#
89	0.0	96.9	145.3#
182	0.0	1.8	2.6#

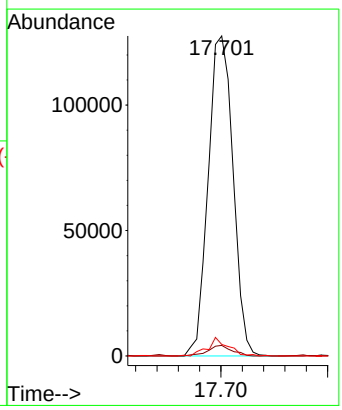


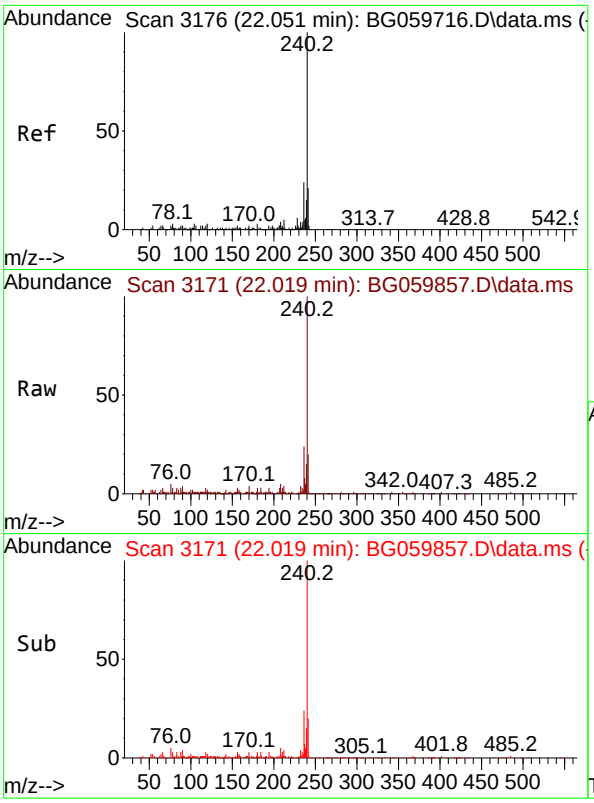


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.701 min Scan# 2436
Delta R.T. -0.020 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Tgt Ion:188 Resp: 206274

Ion	Ratio	Lower	Upper
188	100		
94	3.3	3.0	4.4
80	3.6	4.2	6.4#



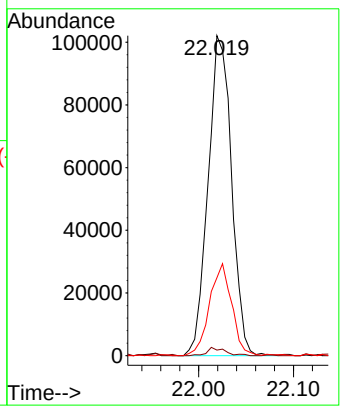


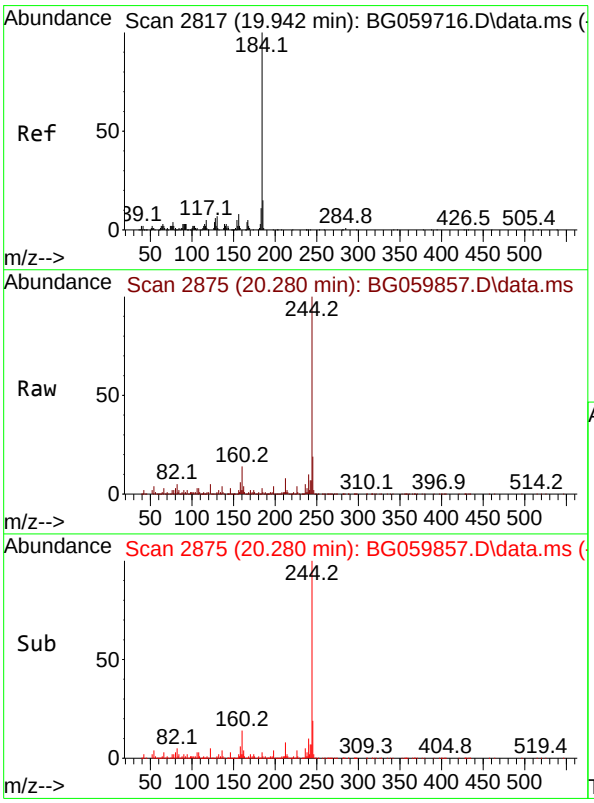
#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3
Delta R.T. -0.032 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion:240 Resp: 175501

Ion	Ratio	Lower	Upper
240	100		
120	1.7	2.2	3.2#
236	24.3	19.4	29.2

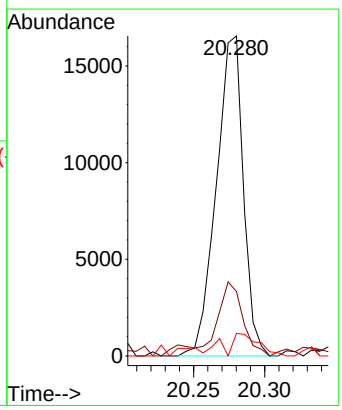


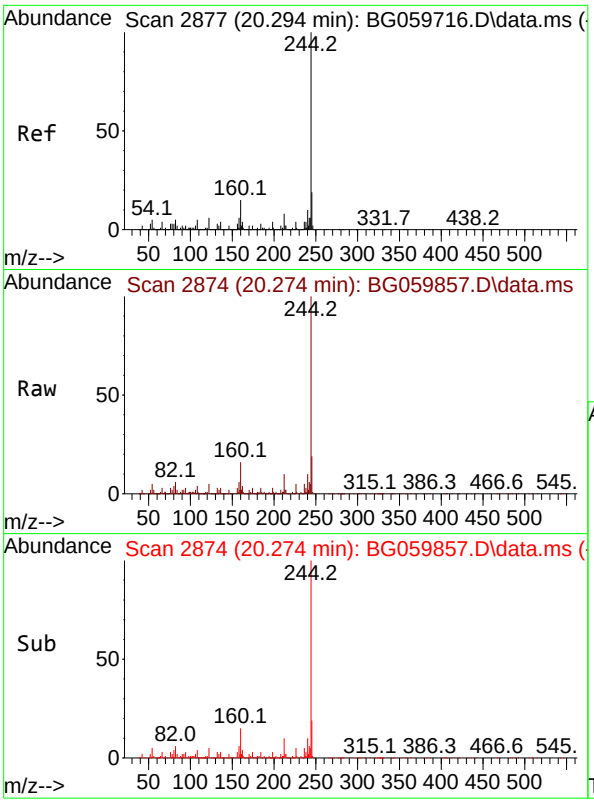


#77
Benzidine
Concen: 5.500 ng
RT: 20.280 min Scan# 2875
Delta R.T. 0.339 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Tgt Ion:184 Resp: 21886

Ion	Ratio	Lower	Upper
184	100		
185	20.1	12.2	18.2#
183	7.1	8.8	13.2#



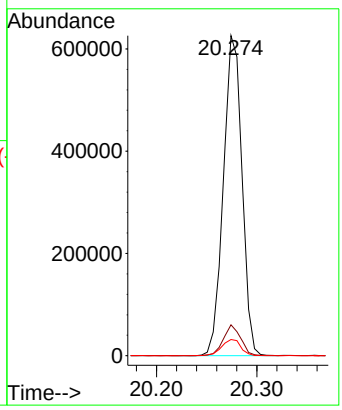


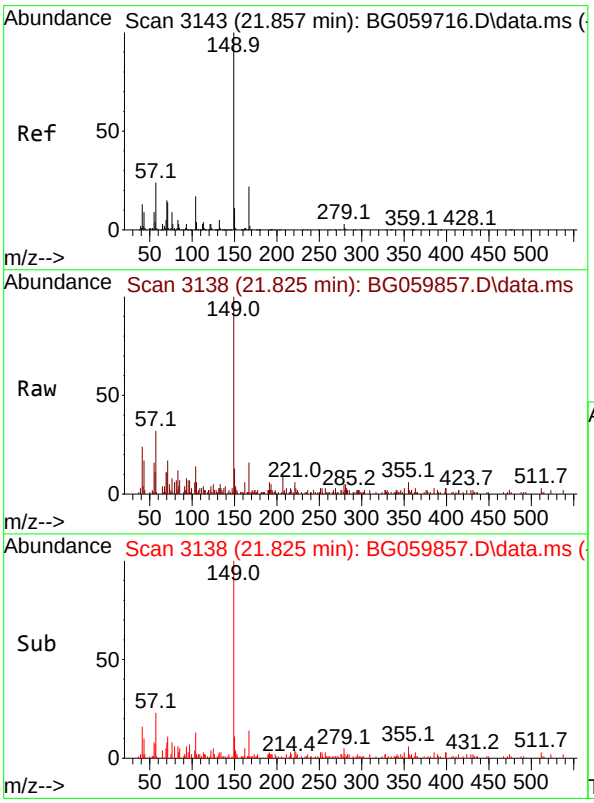
#79
Terphenyl-d14
Concen: 67.616 ng
RT: 20.274 min Scan# 2
Delta R.T. -0.020 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion:244 Resp: 803846

Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.6	10.0
122	5.0	4.4	6.6

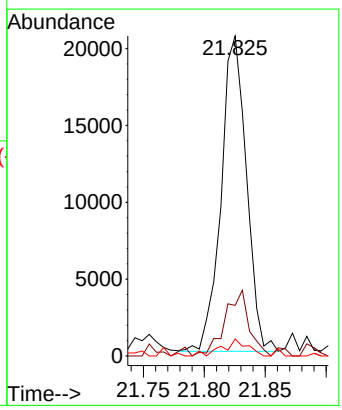


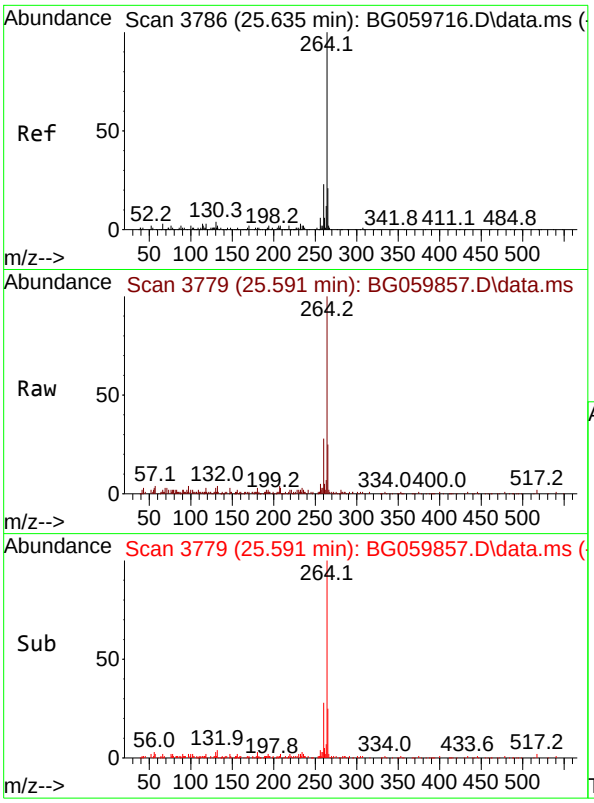


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.329 ng
RT: 21.825 min Scan# 3138
Delta R.T. -0.032 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Tgt Ion:149 Resp: 29634

Ion	Ratio	Lower	Upper
149	100		
167	15.8	17.6	26.4#
279	5.3	2.7	4.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.591 min Scan# 3
Delta R.T. -0.043 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Instrument :
BNA_G
ClientSampleId :
MH-1

Tgt Ion:264 Resp: 199476

Ion	Ratio	Lower	Upper
264	100		
260	27.9	18.5	27.7#
265	24.8	17.0	25.6