Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103124\
Data File : BG063138.D
Acq On : 31 Oct 2024 18:17
Operator : RC/JU
Sample : PB164531BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 01 05:15:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 01 05:13:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	80088	20.000	ng	0.00
21) Naphthalene-d8	10.631	136	311745	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	232468	20.000	ng	0.00
64) Phenanthrene-d10	17.229	188	603288	20.000	ng	0.00
76) Chrysene-d12	21.483	240	832272	20.000	ng	0.00
86) Perylene-d12	24.521	264	942765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.437	112	704761	136.453	ng	0.00
7) Phenol-d6	7.018	99	942955	139.321	ng	0.00
23) Nitrobenzene-d5	8.998	82	654088	91.254	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	534911	135.462	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	1533244	97.687	ng	0.00
79) Terphenyl-d14	19.856	244	3804354	94.065	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.998	70	99539	21.118	ng	# 79
51) 2,6-Dinitrotoluene	14.474	165	29118	8.231	ng	# 12
57) 2,4-Dinitrotoluene	14.474	165	29118	5.755	ng	# 14
67) 4-Bromophenyl-phenylether	15.978	248	36658	4.958	ng	# 1
77) Benzidine	19.856	184	70775	5.519	ng	# 94

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

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Misc :
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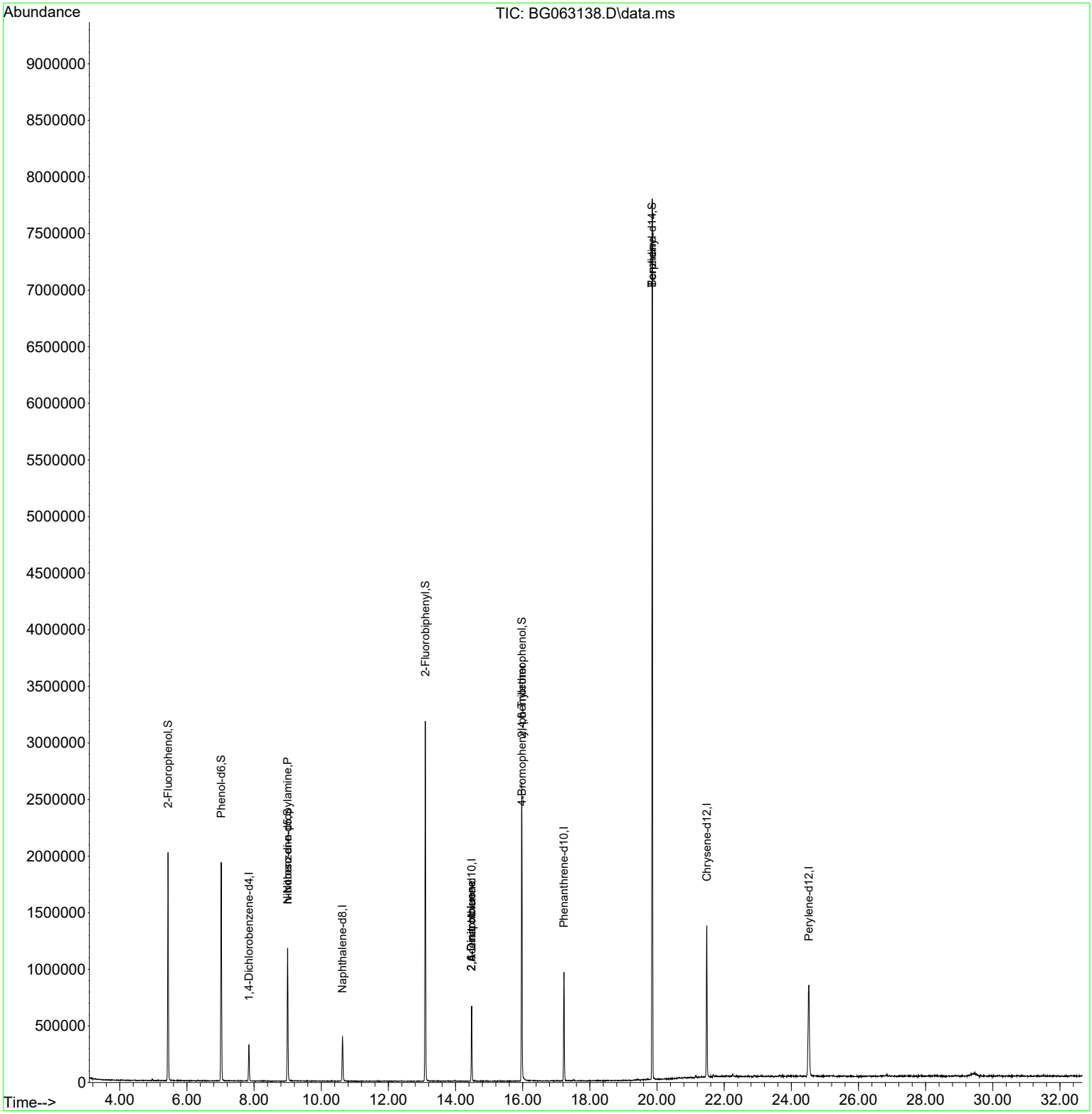
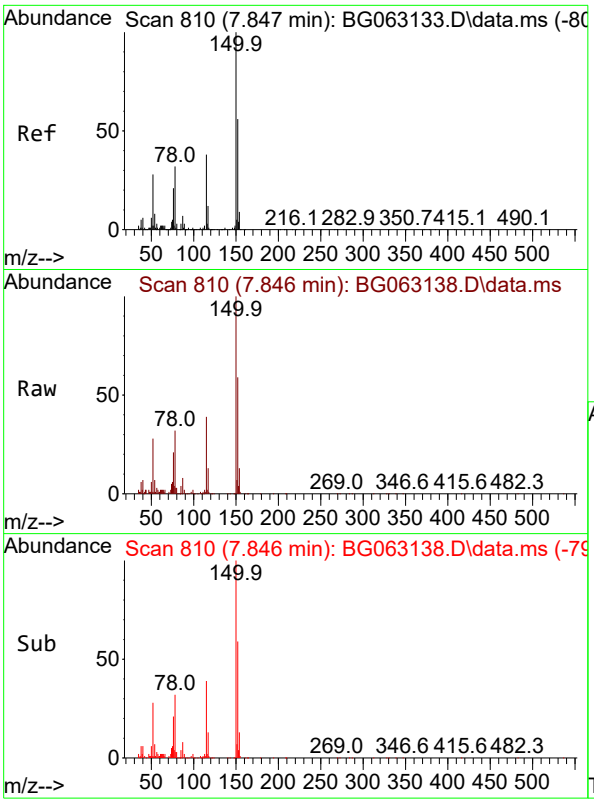


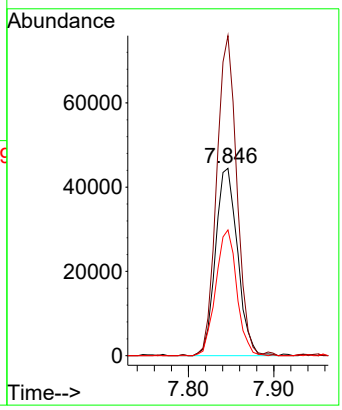


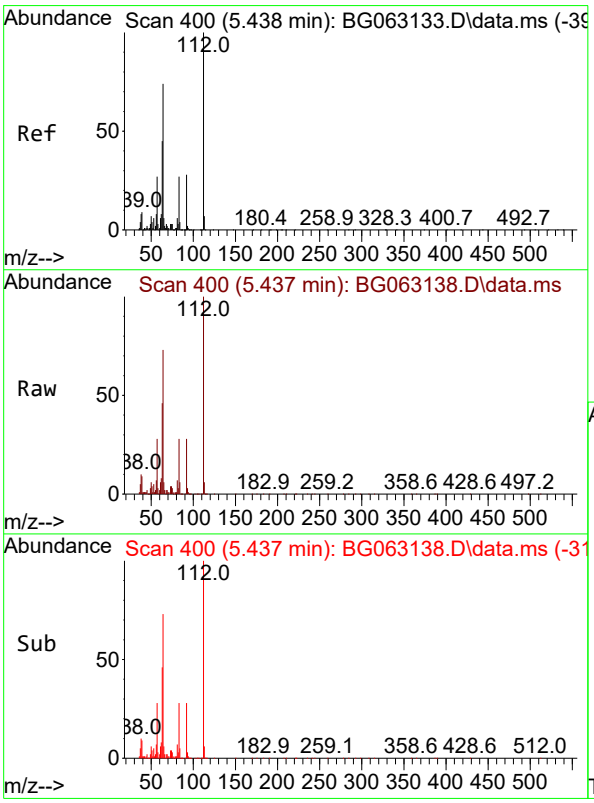
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 80088

Ion	Ratio	Lower	Upper
152	100		
150	170.7	143.1	214.7
115	67.1	55.0	82.4

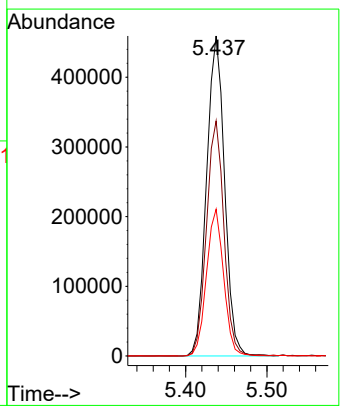


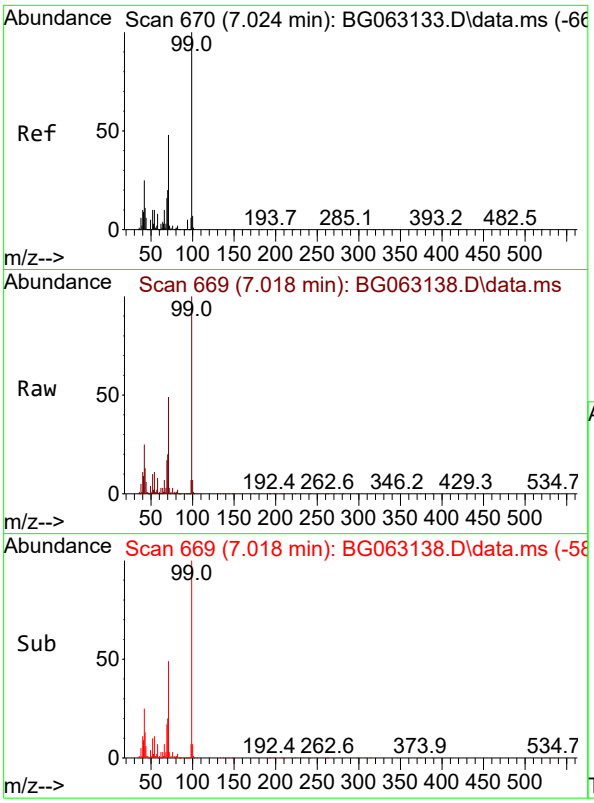


#5
2-Fluorophenol
Concen: 136.453 ng
RT: 5.437 min Scan# 400
Delta R.T. -0.000 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Tgt Ion:112 Resp: 704761

Ion	Ratio	Lower	Upper
112	100		
64	73.5	59.4	89.0
63	45.9	35.8	53.6



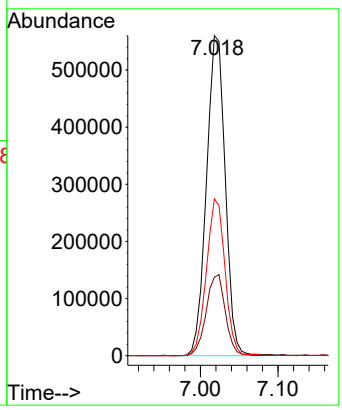


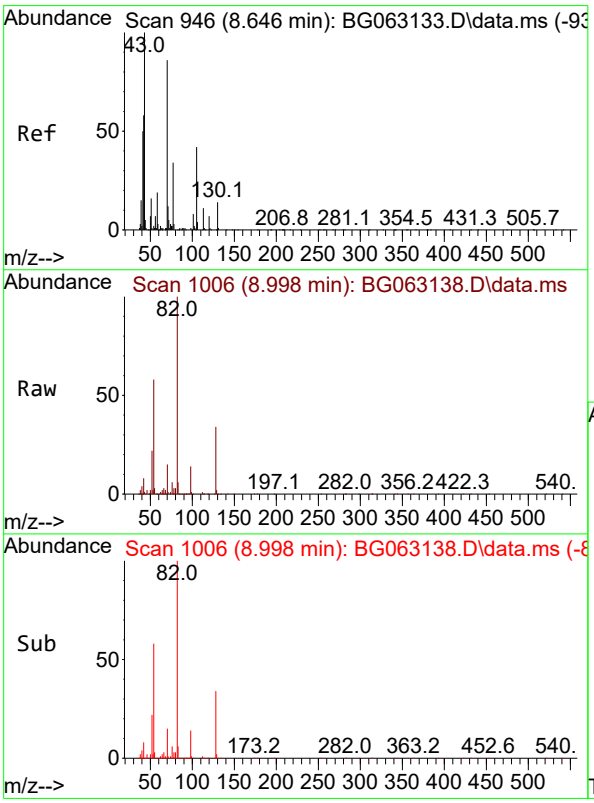
#7
Phenol-d6
Concen: 139.321 ng
RT: 7.018 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 942955

Ion	Ratio	Lower	Upper
99	100		
42	24.5	20.0	30.0
71	49.1	38.2	57.4

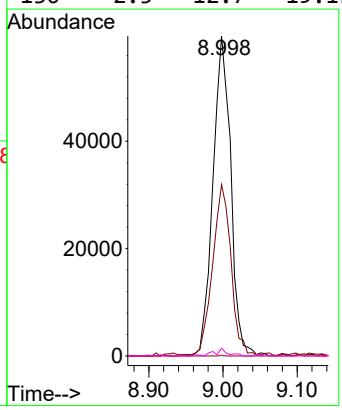


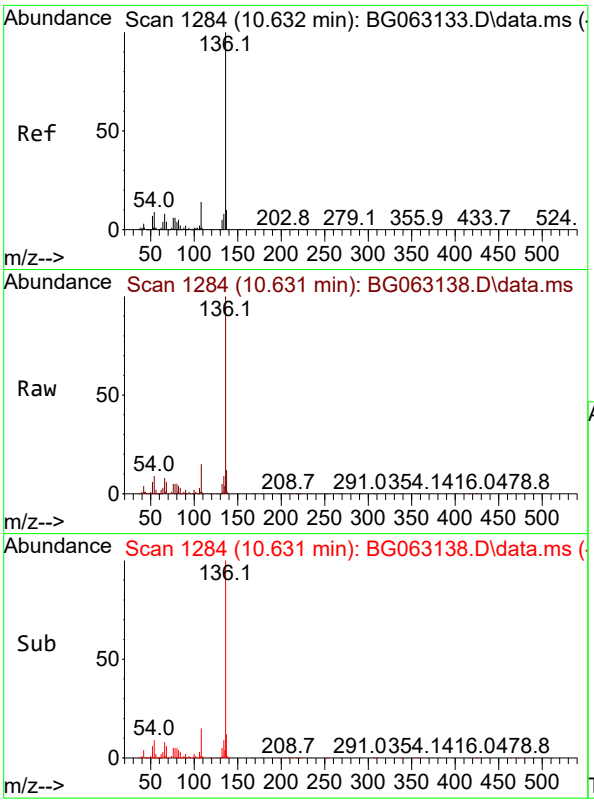


#19
n-Nitroso-di-n-propylamine
Concen: 21.118 ng
RT: 8.998 min Scan# 1006
Delta R.T. 0.352 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Tgt Ion: 70 Resp: 99539

Ion	Ratio	Lower	Upper
70	100		
42	53.6	54.2	81.2#
101	0.3	7.7	11.5#
130	2.5	12.7	19.1#



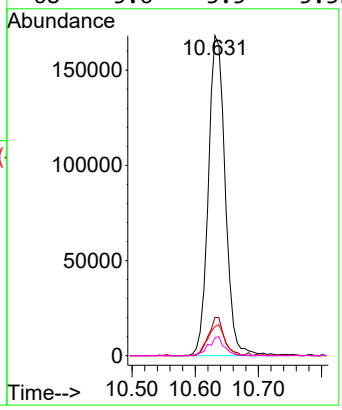


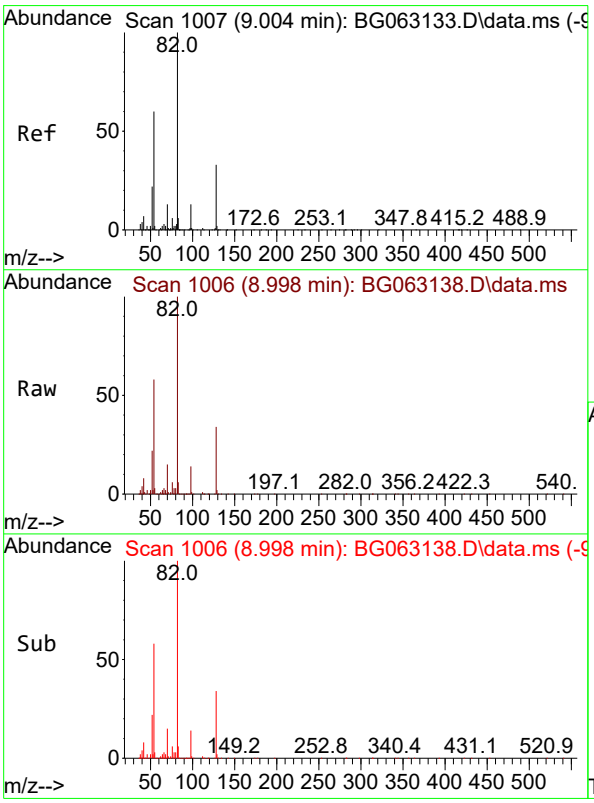
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.631 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 311745

Ion	Ratio	Lower	Upper
136	100		
137	12.0	7.8	11.6#
54	9.1	7.3	10.9
68	5.6	3.5	5.3#

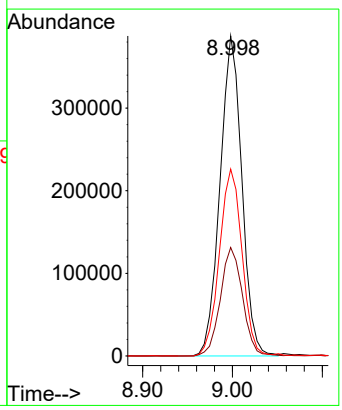


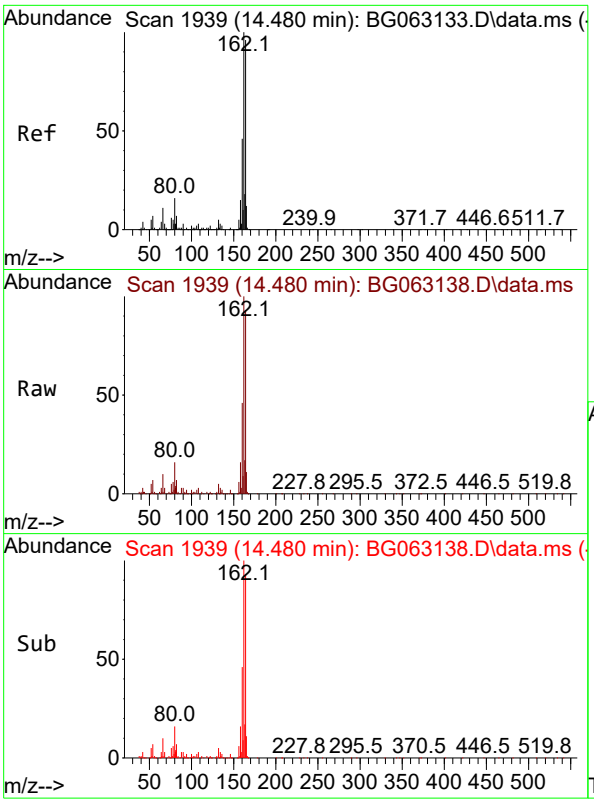


#23
Nitrobenzene-d5
Concen: 91.254 ng
RT: 8.998 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Tgt Ion: 82 Resp: 654088

Ion	Ratio	Lower	Upper
82	100		
128	33.9	26.6	39.8
54	58.4	47.8	71.8



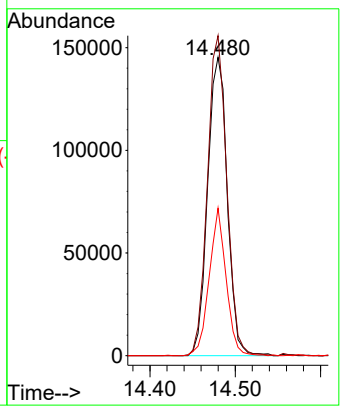


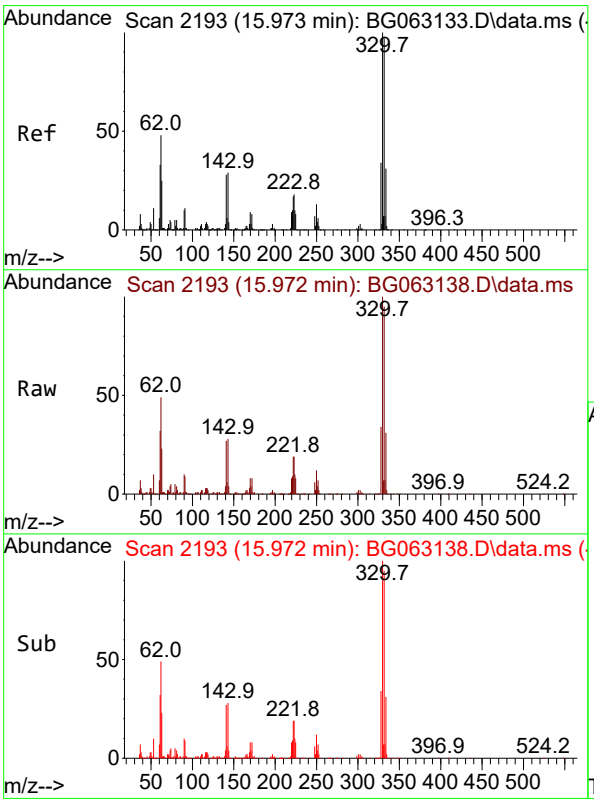
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 232468

Ion	Ratio	Lower	Upper
164	100		
162	107.2	83.4	125.0
160	49.4	38.0	57.0

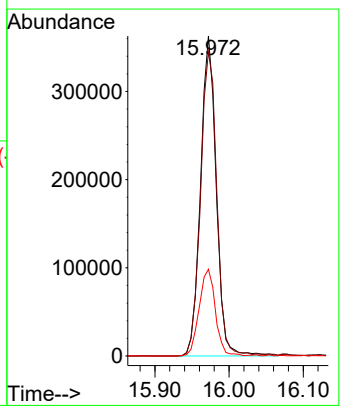


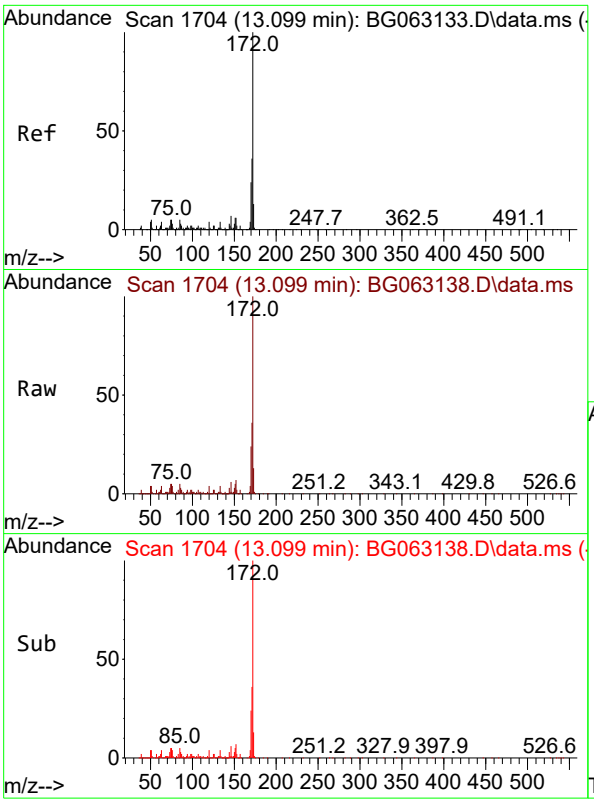


#42
2,4,6-Tribromophenol
Concen: 135.462 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Tgt Ion:330 Resp: 534911

Ion	Ratio	Lower	Upper
330	100		
332	98.9	78.6	117.8
141	28.0	22.6	34.0



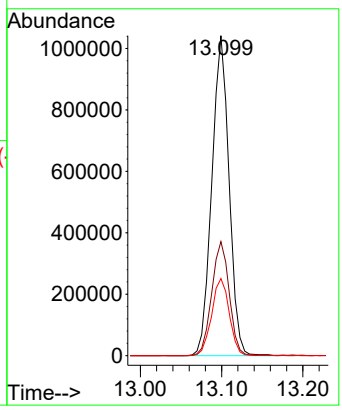


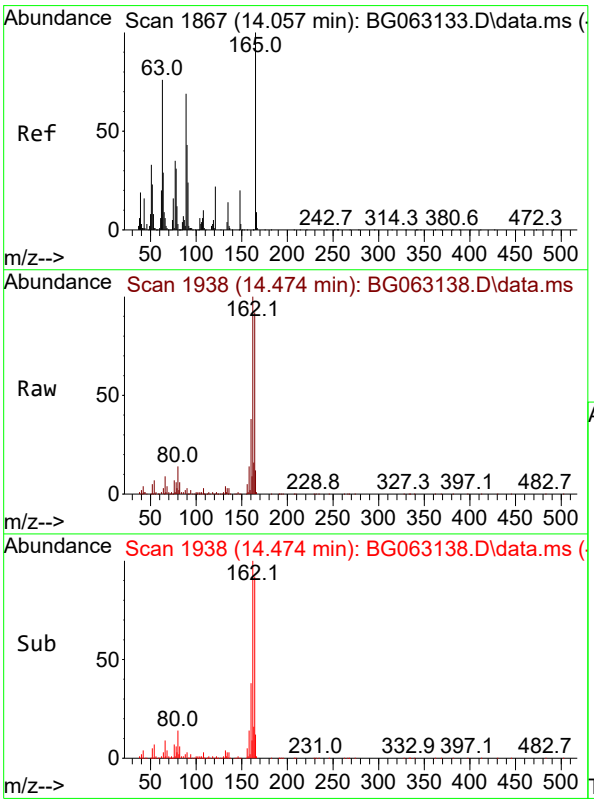
#45
2-Fluorobiphenyl
Concen: 97.687 ng
RT: 13.099 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1533244

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	24.1	19.4	29.2

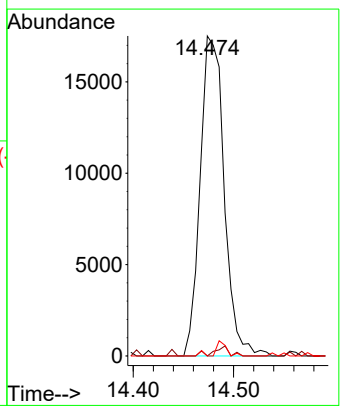


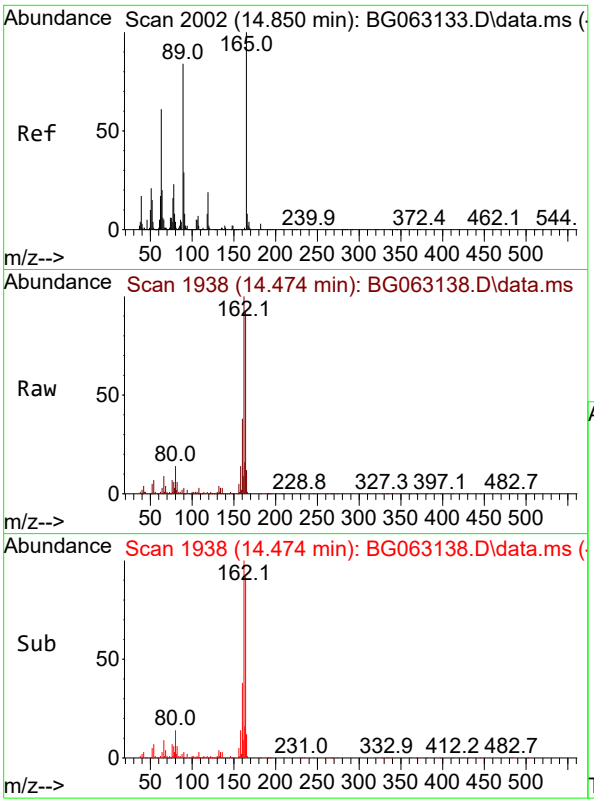


#51
2,6-Dinitrotoluene
Concen: 8.231 ng
RT: 14.474 min Scan# 1938
Delta R.T. 0.417 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Tgt Ion:165 Resp: 29118

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.8	95.8#
89	0.0	55.1	82.7#



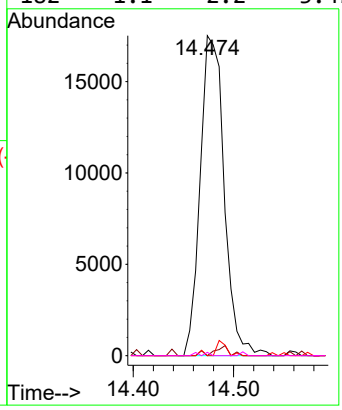


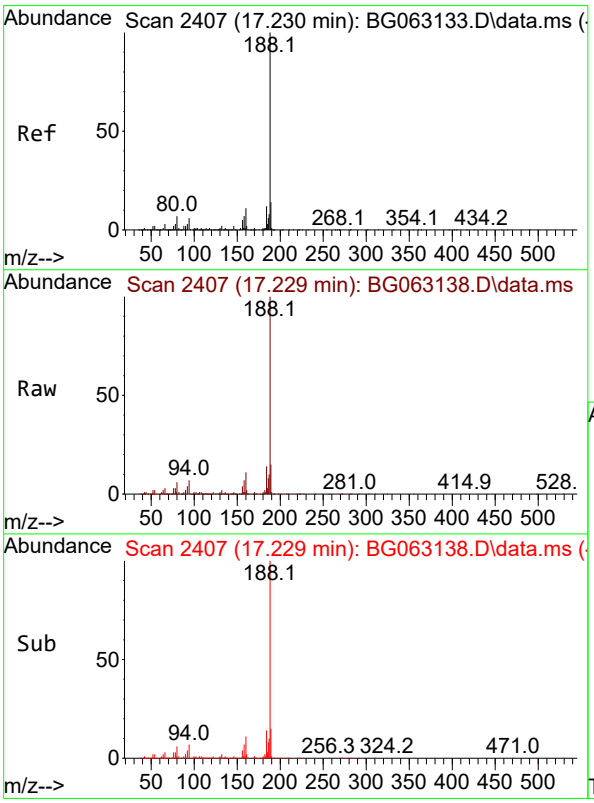
#57
2,4-Dinitrotoluene
Concen: 5.755 ng
RT: 14.474 min Scan# 1
Delta R.T. -0.376 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 29118

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.0	73.4#
89	0.0	67.4	101.0#
182	1.1	2.2	3.4#

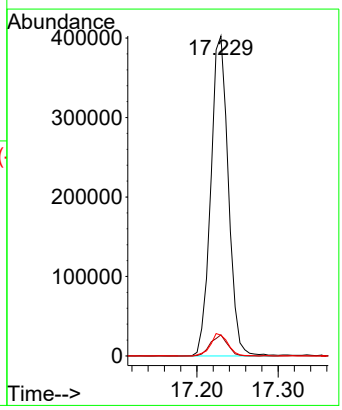


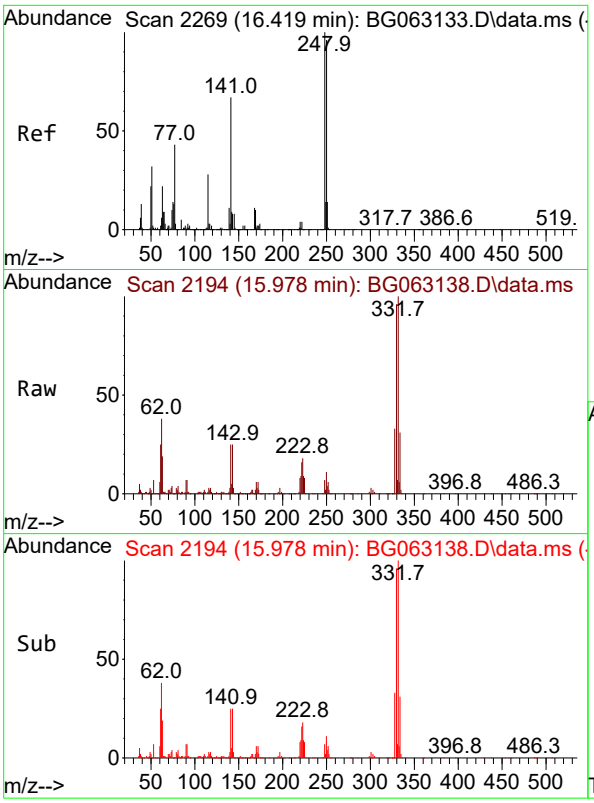


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.229 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Tgt Ion:188 Resp: 603288

Ion	Ratio	Lower	Upper
188	100		
94	6.6	4.8	7.2
80	6.5	5.9	8.9



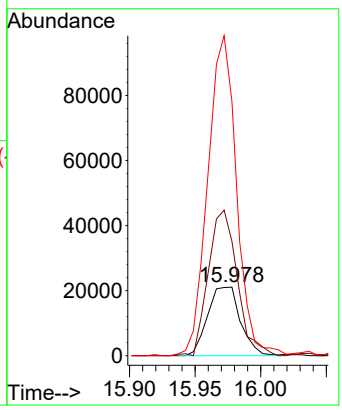


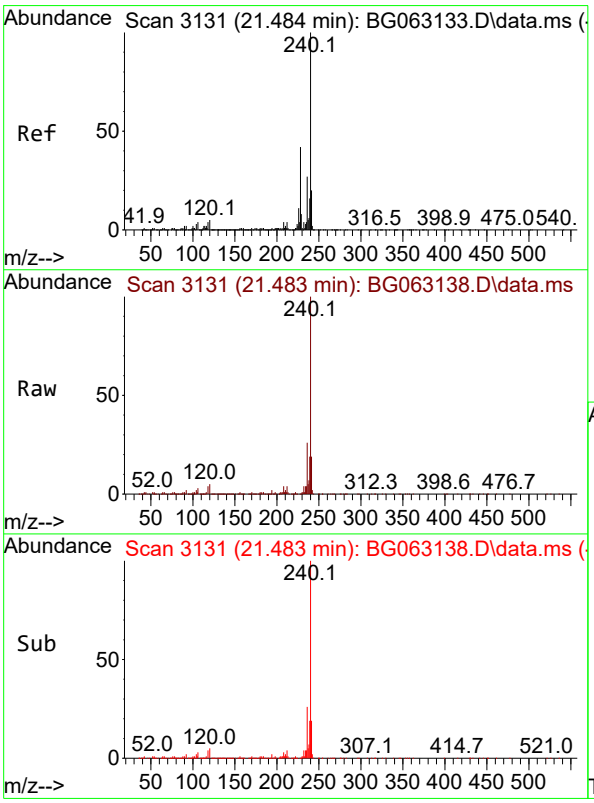
#67
4-Bromophenyl-phenylether
Concen: 4.958 ng
RT: 15.978 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 36658

Ion	Ratio	Lower	Upper
248	100		
250	167.0	76.6	115.0#
141	371.1	53.9	80.9#

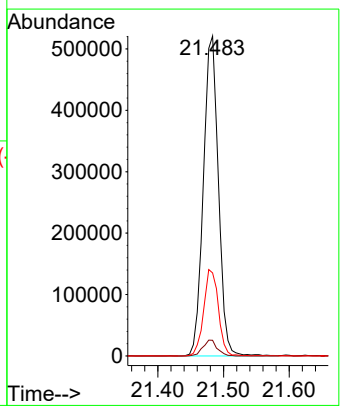


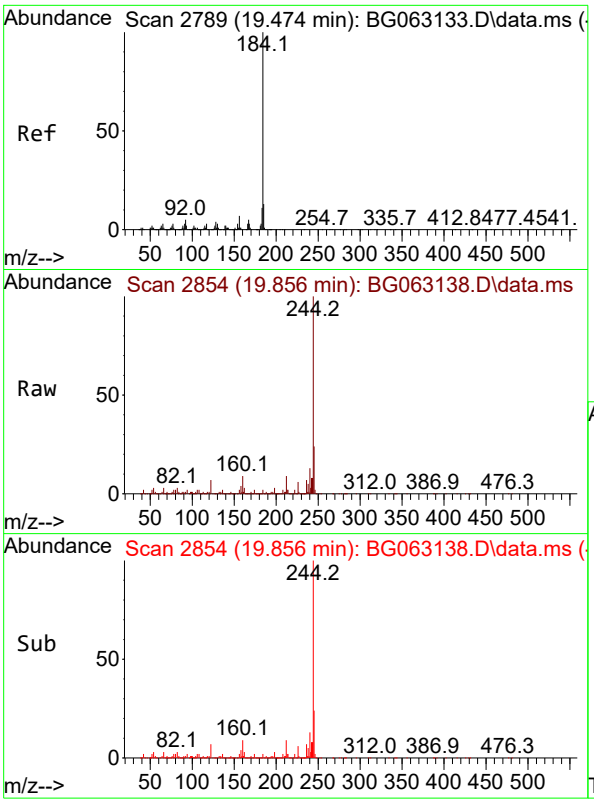


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Tgt Ion:240 Resp: 832272

Ion	Ratio	Lower	Upper
240	100		
120	4.9	3.9	5.9
236	25.9	21.4	32.2



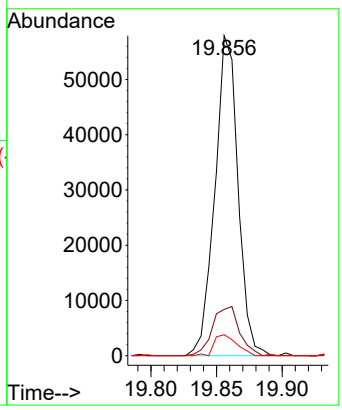


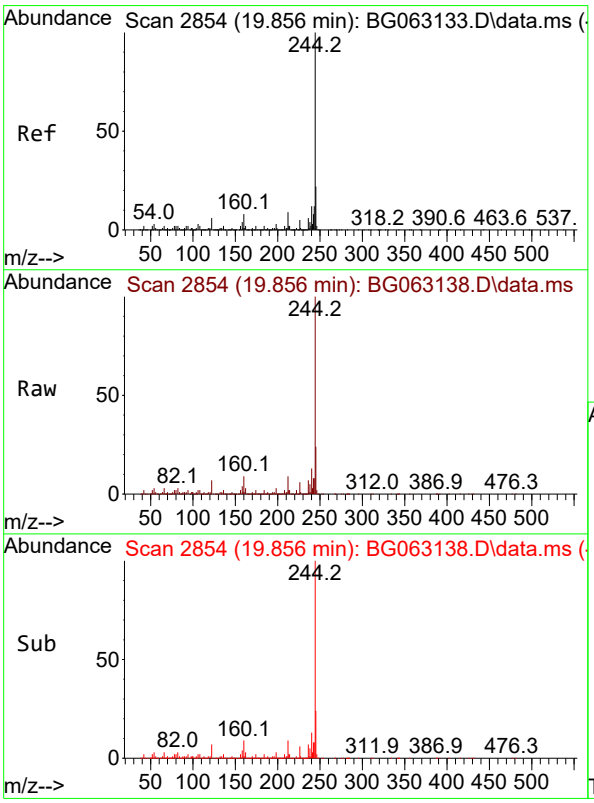
#77
Benzidine
Concen: 5.519 ng
RT: 19.856 min Scan# 2
Delta R.T. 0.382 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 70775

Ion	Ratio	Lower	Upper
184	100		
185	14.4	10.6	16.0
183	6.5	8.6	12.8#

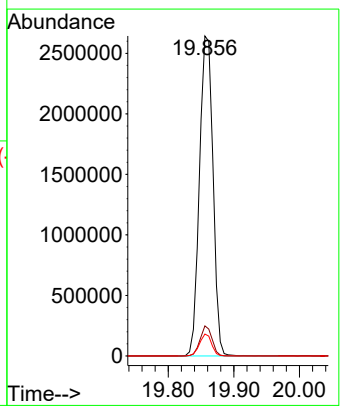


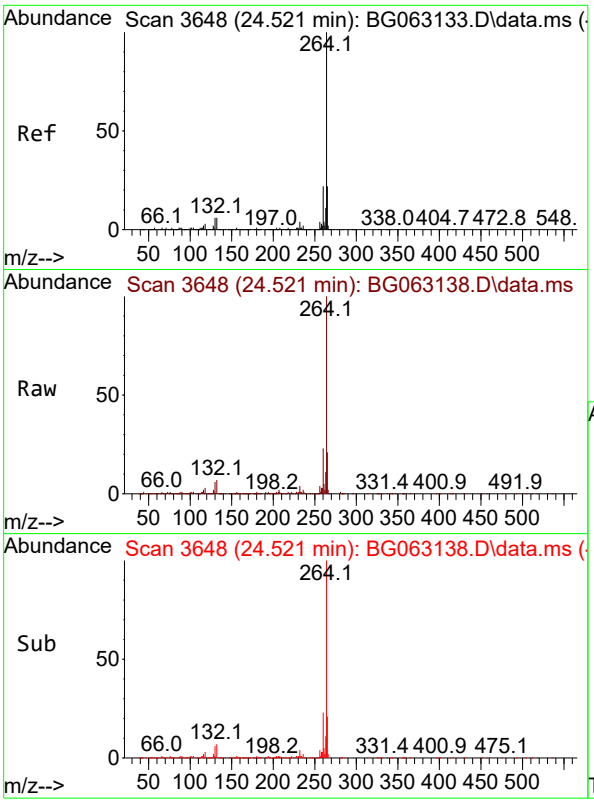


#79
Terphenyl-d14
Concen: 94.065 ng
RT: 19.856 min Scan# 2854
Delta R.T. -0.000 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Tgt Ion:244 Resp: 3804354

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	6.8	4.8	7.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.521 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG063138.D
Acq: 31 Oct 2024 18:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 942765

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.2
265	20.9	17.4	26.0