Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110124\
Data File : BG063141.D
Acq On : 1 Nov 2024 10:19
Operator : RC/JU
Sample : PB164401BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB164401BL

Quant Time: Nov 01 10:59:32 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	7.852	152	102387	20.000	ng	# 0.00
21) Naphthalene-d8	10.637	136	388602	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	296046	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	760908	20.000	ng	0.00
76) Chrysene-d12	21.478	240	934606	20.000	ng	0.00
86) Perylene-d12	24.515	264	1037021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.437	112	862753	130.662	ng	0.00
7) Phenol-d6	7.024	99	1147210	132.584	ng	0.00
23) Nitrobenzene-d5	8.998	82	829845	92.877	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	633881	126.051	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	1794795	89.793	ng	0.00
79) Terphenyl-d14	19.856	244	4048977	89.152	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.998	70	118967	19.742	ng	# 79
51) 2,6-Dinitrotoluene	14.480	165	40269	8.939	ng	# 15
57) 2,4-Dinitrotoluene	14.480	165	40269	6.250	ng	# 17
67) 4-Bromophenyl-phenylether	15.972	248	39942	4.283	ng	# 1
77) Benzidine	19.856	184	82388	5.721	ng	# 93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110124\
Data File : BG063141.D
Acq On : 1 Nov 2024 10:19
Operator : RC/JU
Sample : PB164401BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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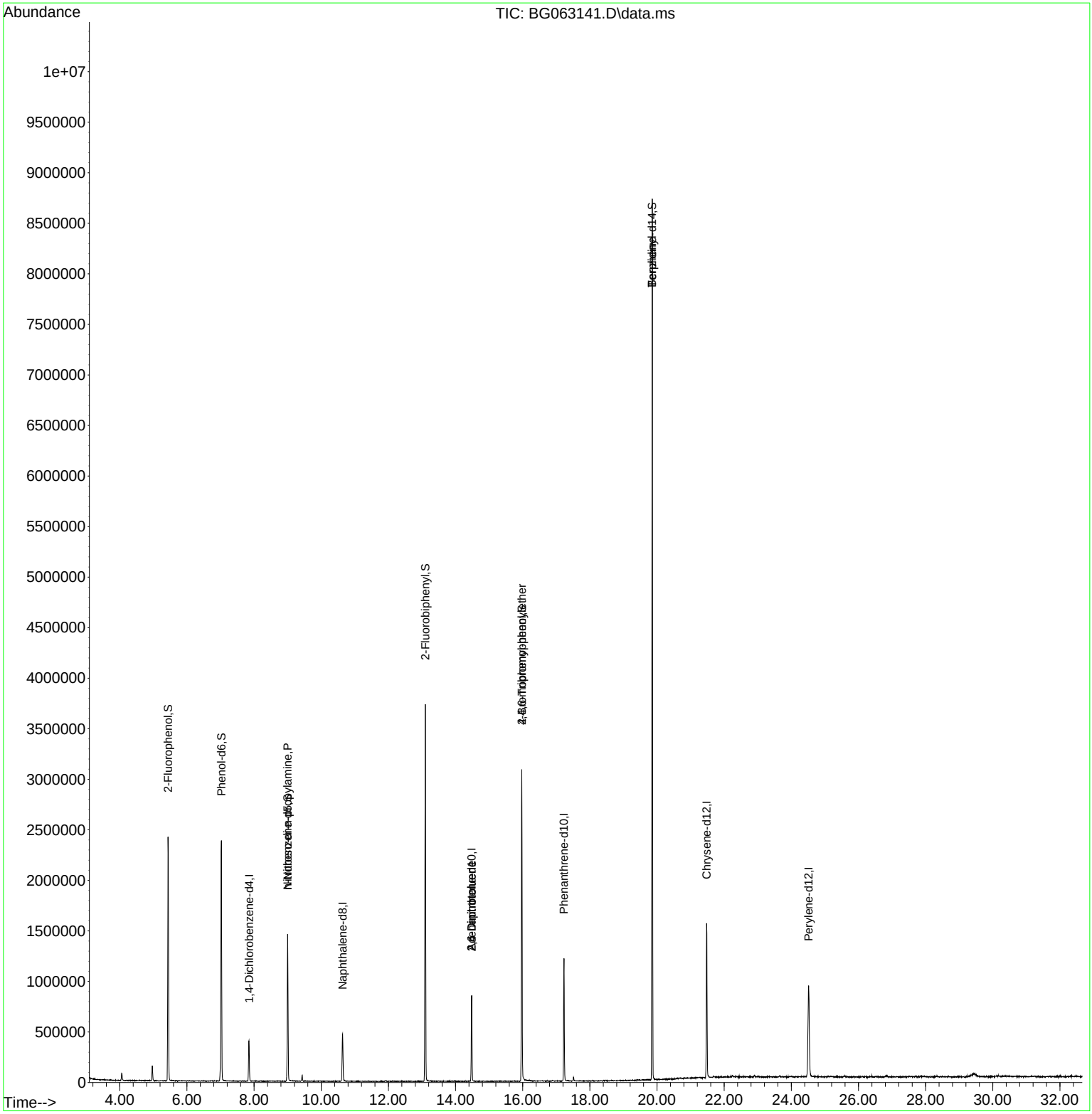
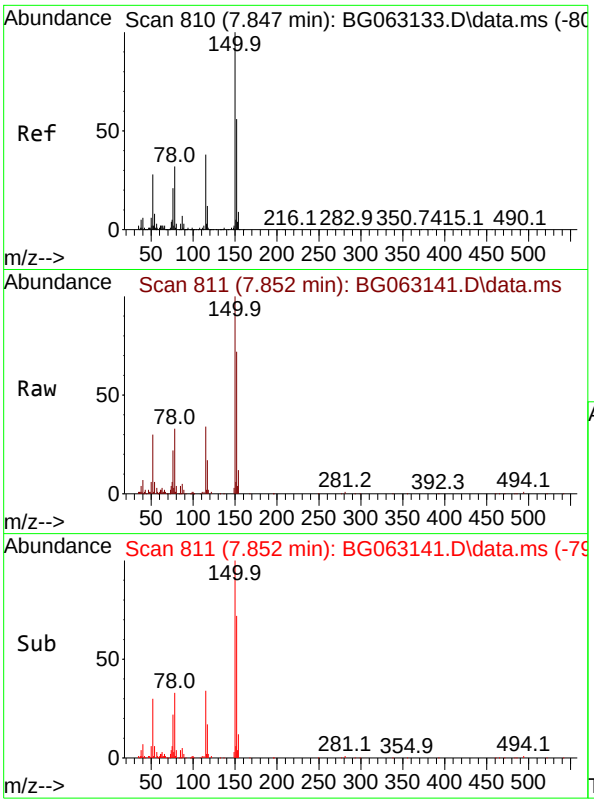
Quant Time: Nov 01 10:59:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 01 05:13:40 2024
Response via : Initial Calibration



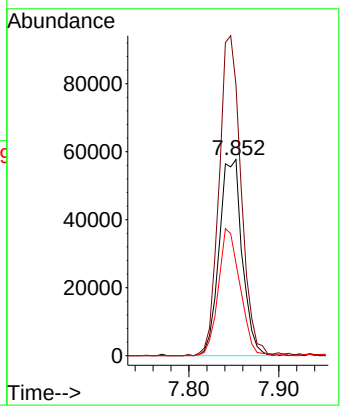


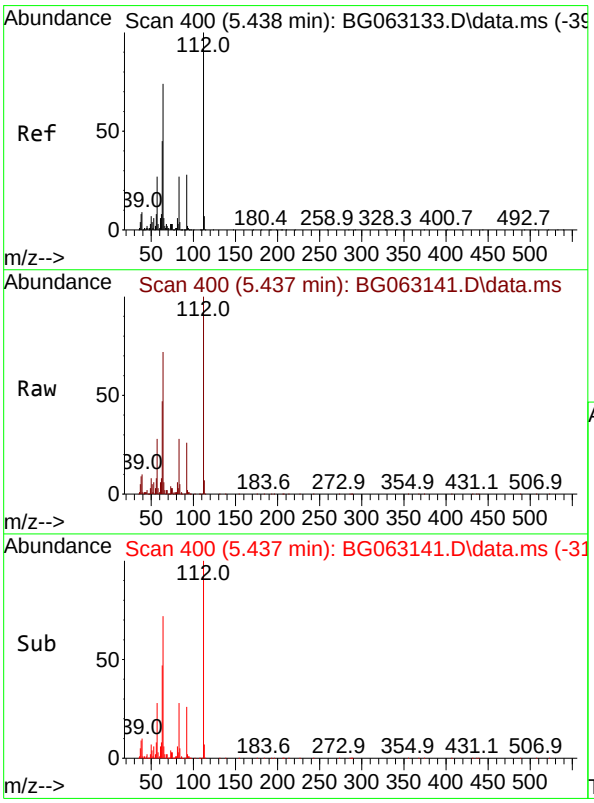
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Instrument :
BNA_G
ClientSampleId :
PB164401BL

Tgt Ion:152 Resp: 102387

Ion	Ratio	Lower	Upper
152	100		
150	138.2	143.1	214.7#
115	47.2	55.0	82.4#

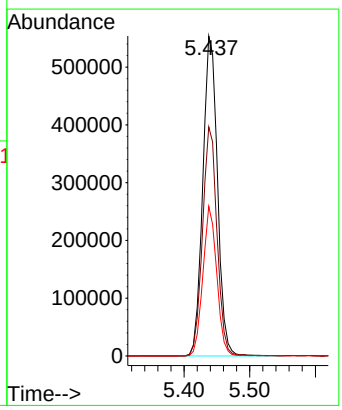


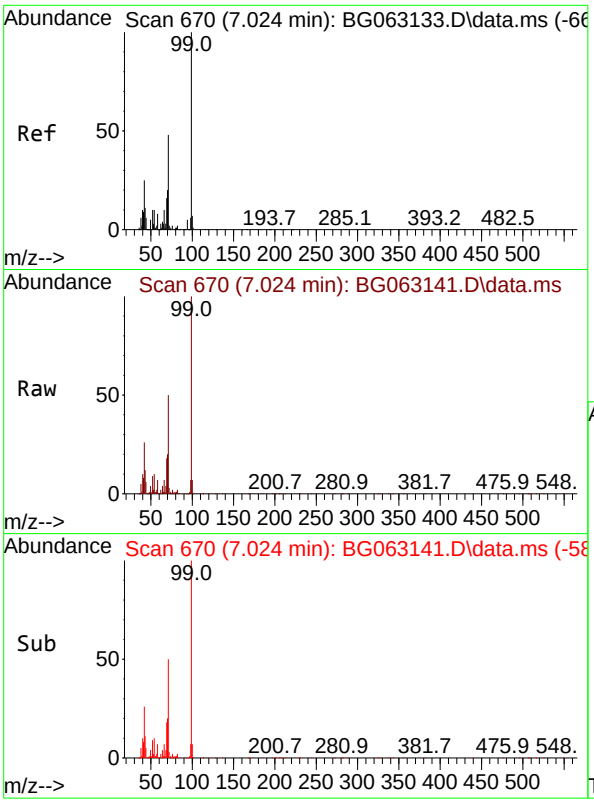


#5
2-Fluorophenol
Concen: 130.662 ng
RT: 5.437 min Scan# 400
Delta R.T. -0.000 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Tgt Ion:112 Resp: 862753

Ion	Ratio	Lower	Upper
112	100		
64	71.6	59.4	89.0
63	46.7	35.8	53.6



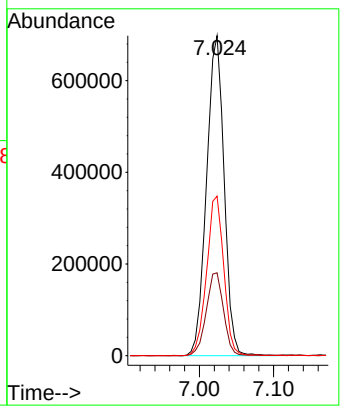


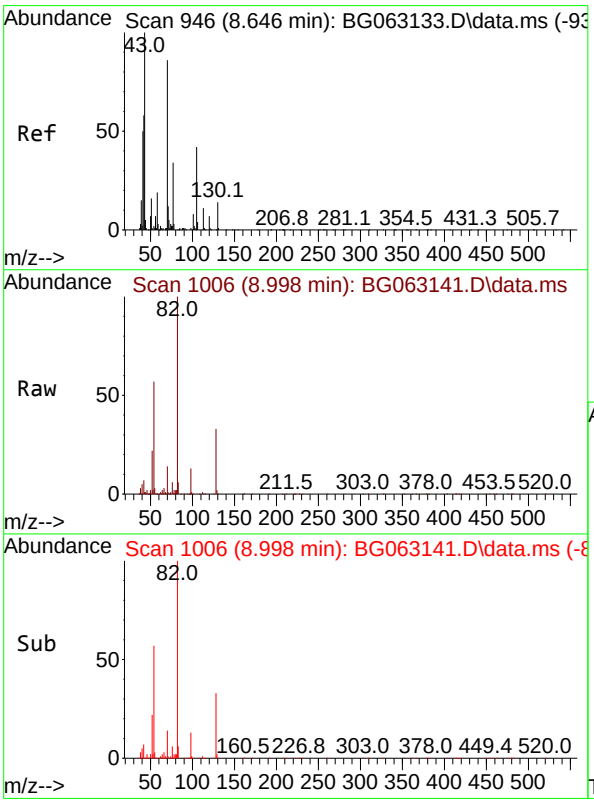
#7
Phenol-d6
Concen: 132.584 ng
RT: 7.024 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Instrument :
BNA_G
ClientSampleId :
PB164401BL

Tgt Ion: 99 Resp: 1147210

Ion	Ratio	Lower	Upper
99	100		
42	25.9	20.0	30.0
71	49.8	38.2	57.4

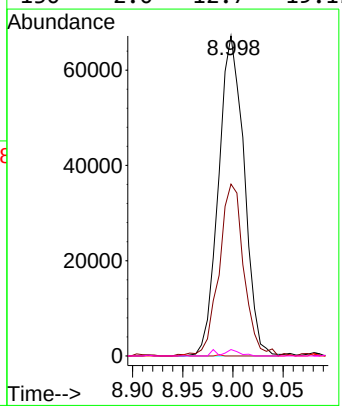


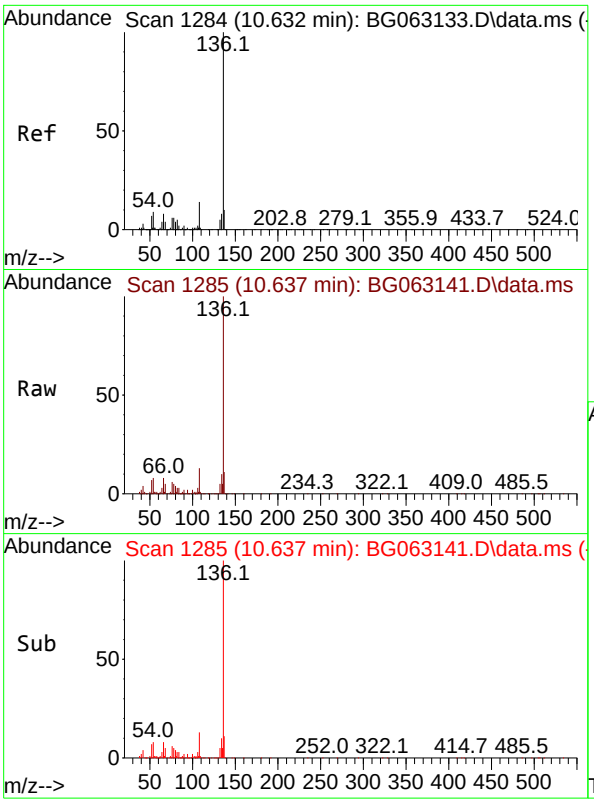


#19
n-Nitroso-di-n-propylamine
Concen: 19.742 ng
RT: 8.998 min Scan# 1006
Delta R.T. 0.352 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Tgt Ion: 70 Resp: 118967

Ion	Ratio	Lower	Upper
70	100		
42	53.7	54.2	81.2#
101	0.0	7.7	11.5#
130	2.0	12.7	19.1#



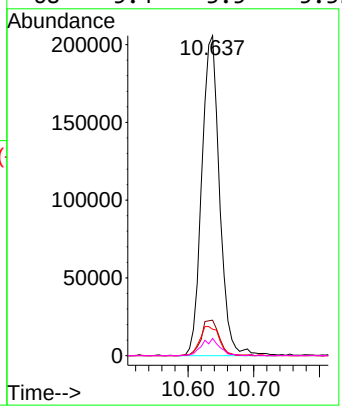


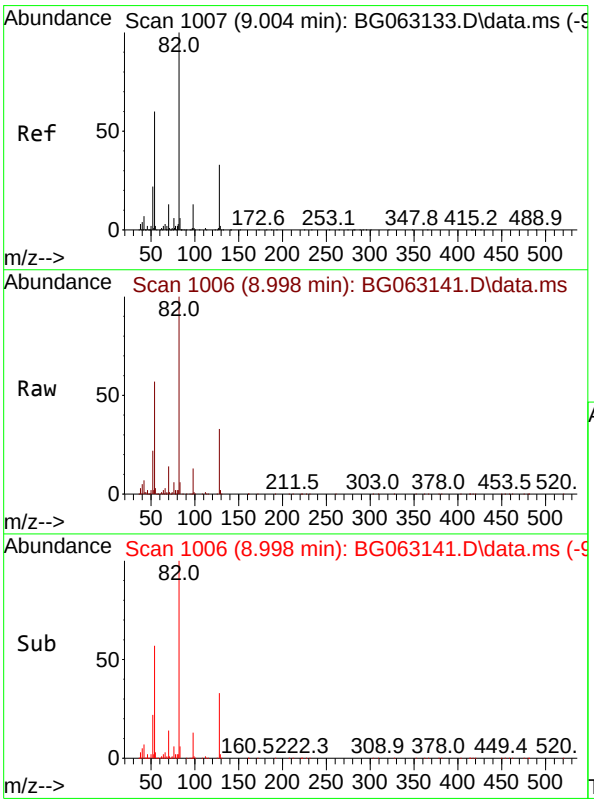
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.637 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Instrument :
BNA_G
ClientSampleId :
PB164401BL

Tgt Ion:136 Resp: 388602

Ion	Ratio	Lower	Upper
136	100		
137	11.1	7.8	11.6
54	8.3	7.3	10.9
68	5.4	3.5	5.3#

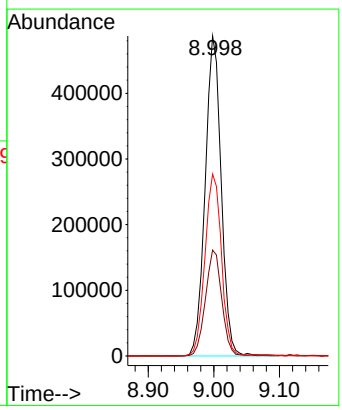


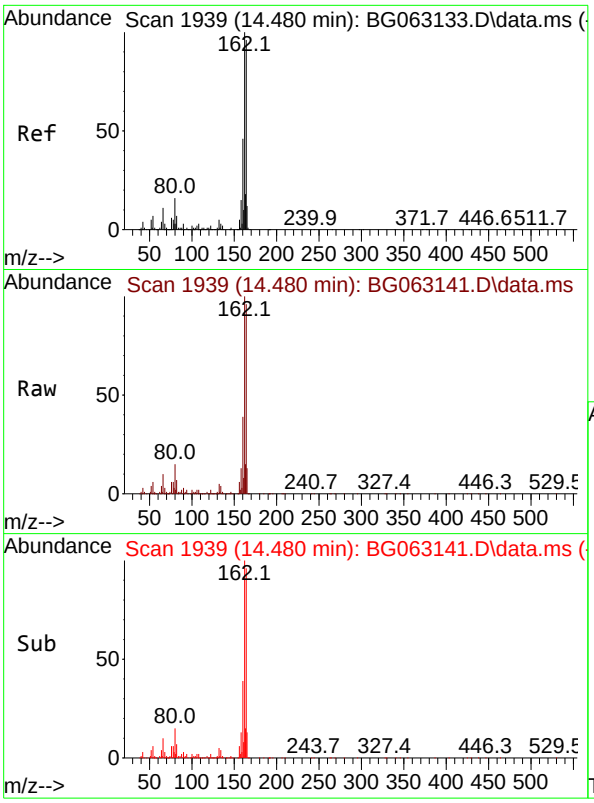


#23
Nitrobenzene-d5
Concen: 92.877 ng
RT: 8.998 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Tgt Ion: 82 Resp: 829845

Ion	Ratio	Lower	Upper
82	100		
128	33.1	26.6	39.8
54	56.9	47.8	71.8



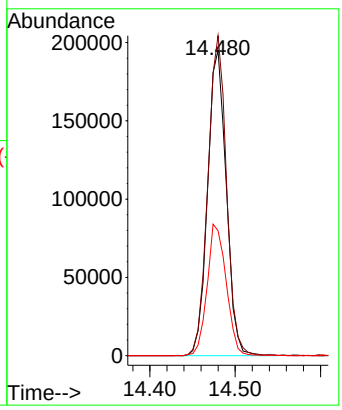


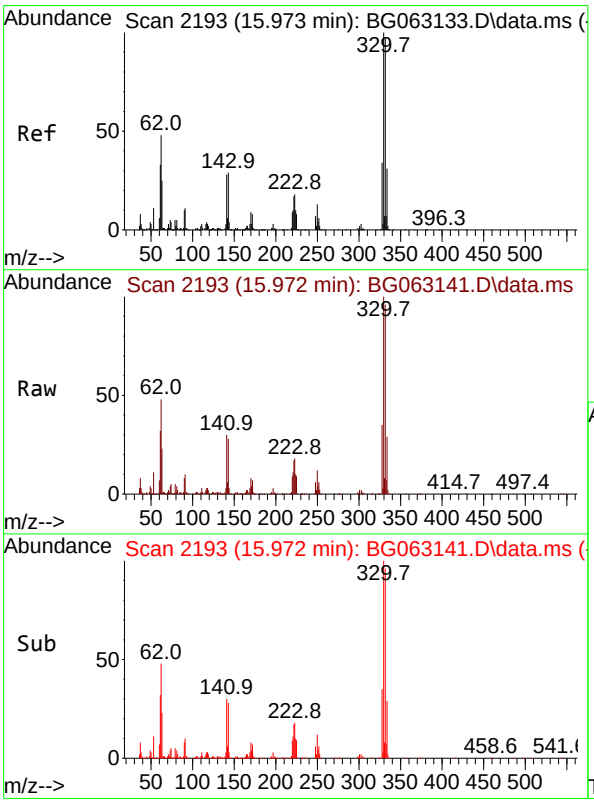
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Instrument :
BNA_G
ClientSampleId :
PB164401BL

Tgt Ion:164 Resp: 296046

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.4	125.0
160	40.9	38.0	57.0

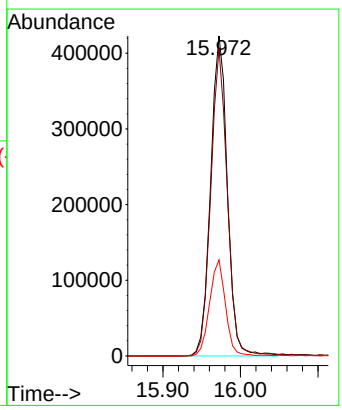


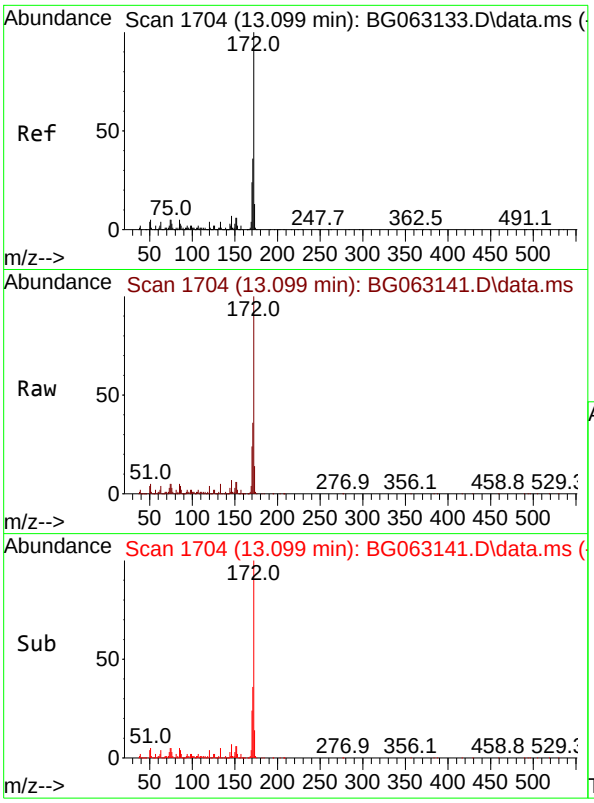


#42
2,4,6-Tribromophenol
Concen: 126.051 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Tgt Ion:330 Resp: 633881

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.6	117.8
141	28.5	22.6	34.0



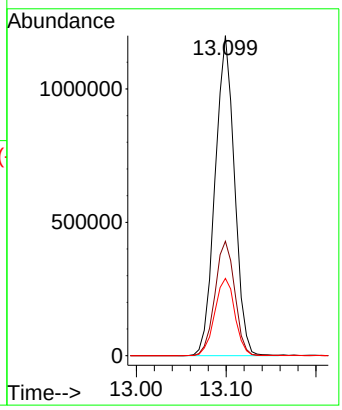


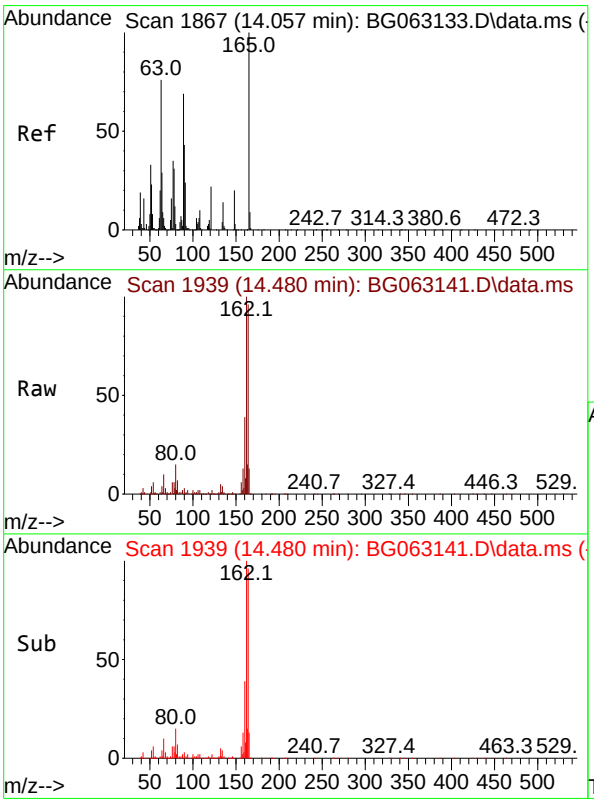
#45
2-Fluorobiphenyl
Concen: 89.793 ng
RT: 13.099 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Instrument :
BNA_G
ClientSampleId :
PB164401BL

Tgt Ion:172 Resp: 1794795

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	24.2	19.4	29.2

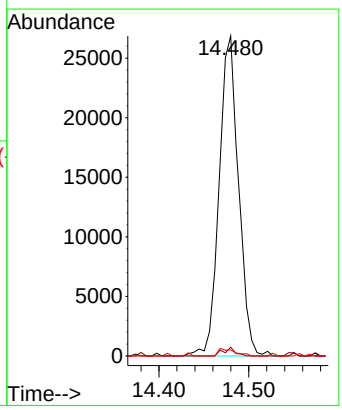


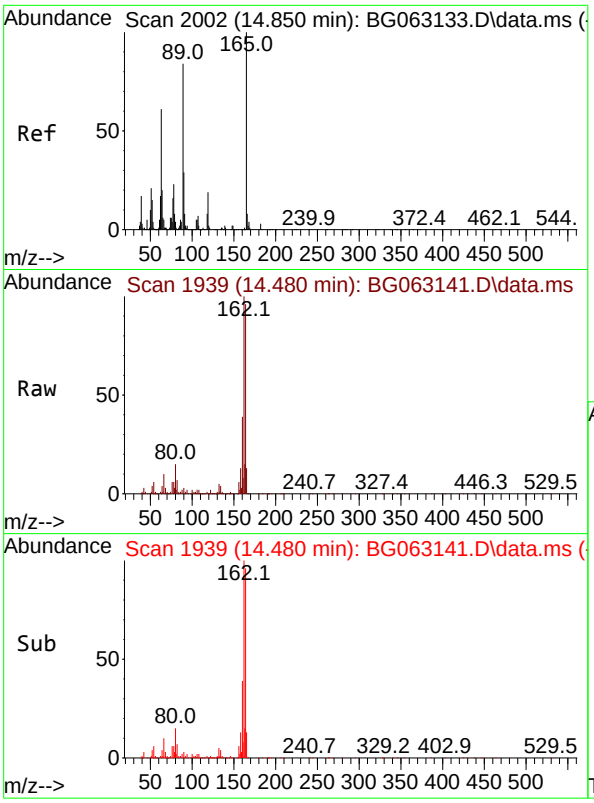


#51
2,6-Dinitrotoluene
Concen: 8.939 ng
RT: 14.480 min Scan# 1939
Delta R.T. 0.423 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Tgt Ion:165 Resp: 40269

Ion	Ratio	Lower	Upper
165	100		
63	2.8	63.8	95.8#
89	1.9	55.1	82.7#



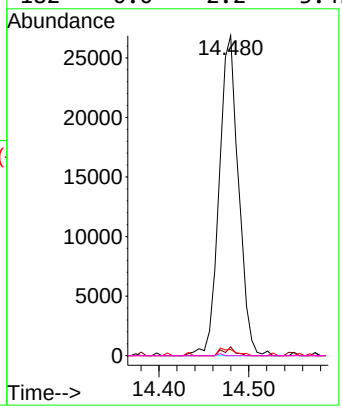


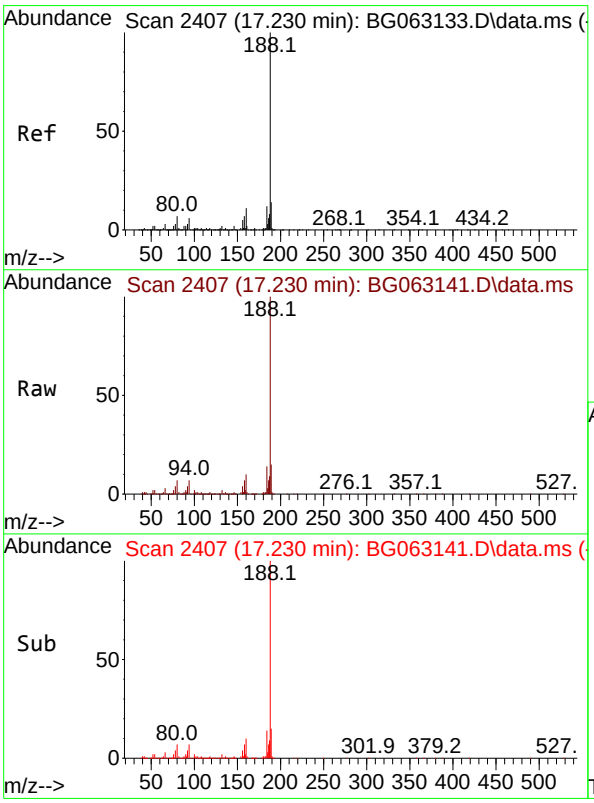
#57
2,4-Dinitrotoluene
Concen: 6.250 ng
RT: 14.480 min Scan# 1
Delta R.T. -0.370 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Instrument :
BNA_G
ClientSampleId :
PB164401BL

Tgt Ion:165 Resp: 40269

Ion	Ratio	Lower	Upper
165	100		
63	2.8	49.0	73.4#
89	1.9	67.4	101.0#
182	0.0	2.2	3.4#

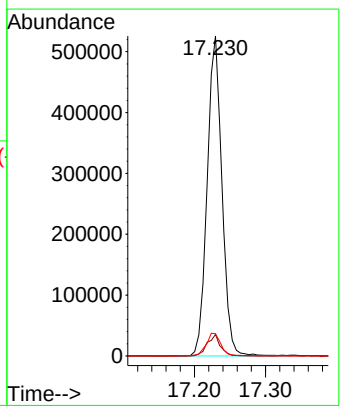


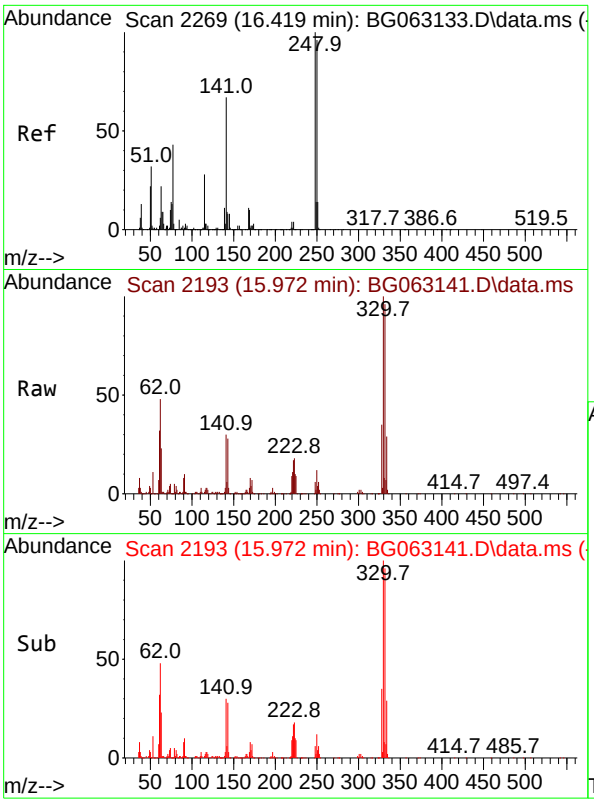


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.230 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Tgt Ion:188 Resp: 760908

Ion	Ratio	Lower	Upper
188	100		
94	6.8	4.8	7.2
80	6.9	5.9	8.9



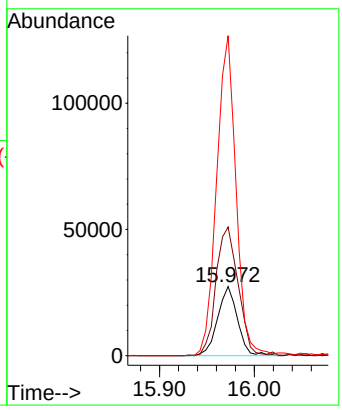


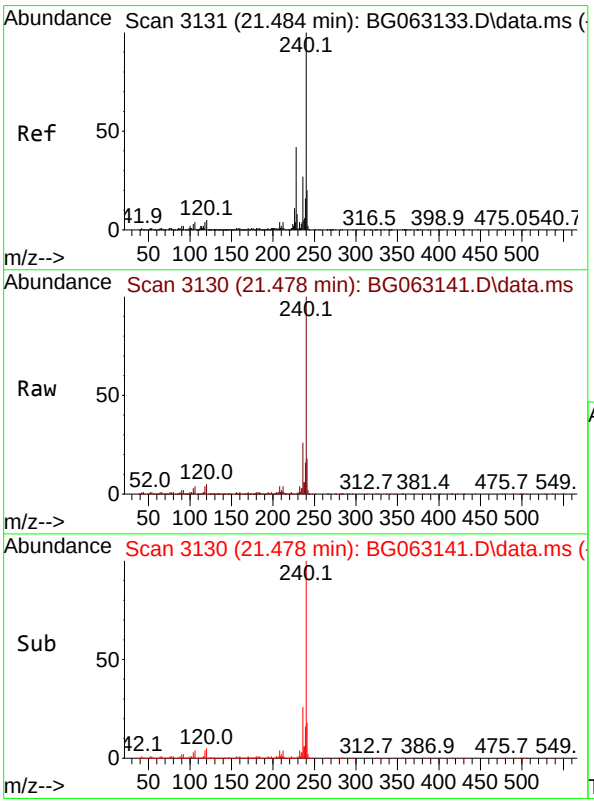
#67
4-Bromophenyl-phenylether
Concen: 4.283 ng
RT: 15.972 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Instrument :
BNA_G
ClientSampleId :
PB164401BL

Tgt Ion:248 Resp: 39942

Ion	Ratio	Lower	Upper
248	100		
250	186.0	76.6	115.0#
141	462.7	53.9	80.9#

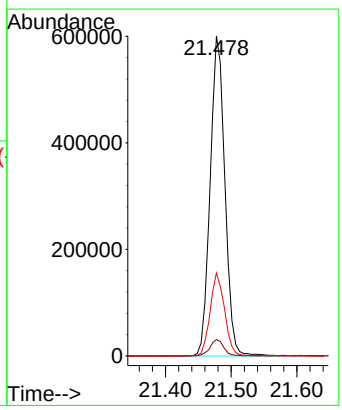


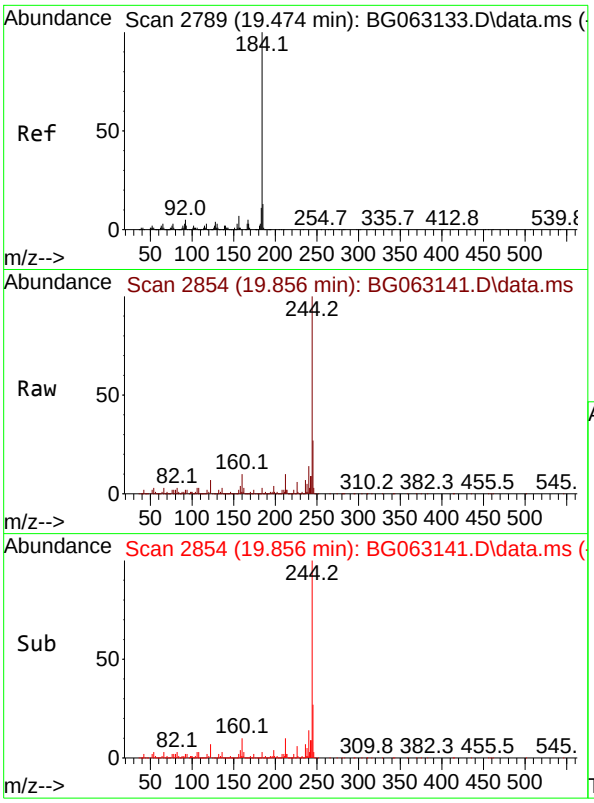


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.478 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Tgt Ion:240 Resp: 934606

Ion	Ratio	Lower	Upper
240	100		
120	5.1	3.9	5.9
236	25.9	21.4	32.2



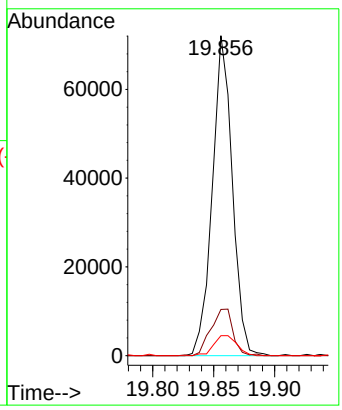


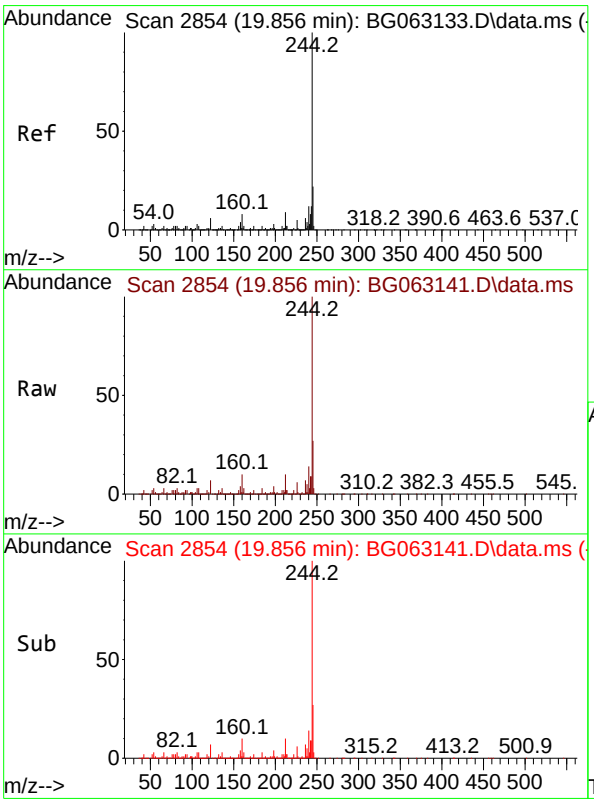
#77
Benzidine
Concen: 5.721 ng
RT: 19.856 min Scan# 2
Delta R.T. 0.382 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Instrument :
BNA_G
ClientSampleId :
PB164401BL

Tgt Ion:184 Resp: 82388

Ion	Ratio	Lower	Upper
184	100		
185	14.4	10.6	16.0
183	6.3	8.6	12.8#

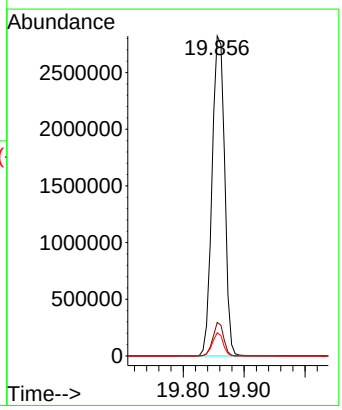


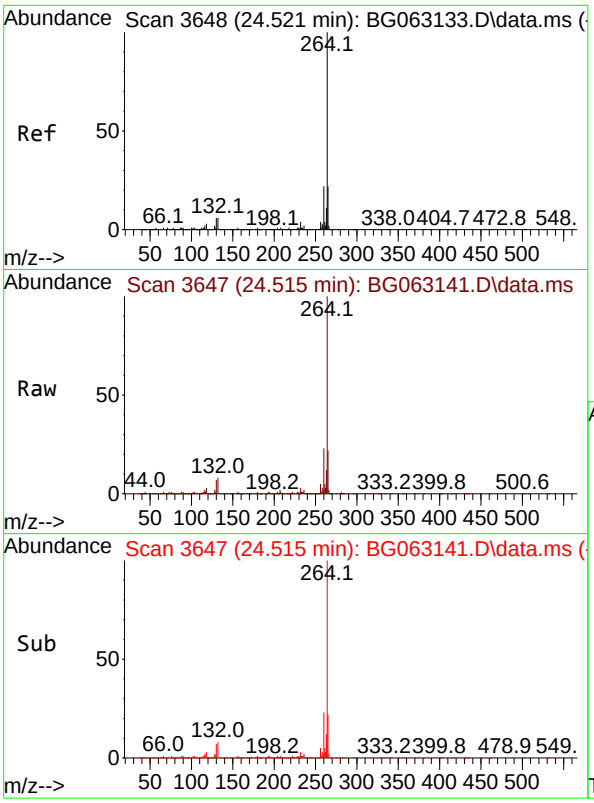


#79
Terphenyl-d14
Concen: 89.152 ng
RT: 19.856 min Scan# 2854
Delta R.T. -0.000 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Tgt Ion:244 Resp: 4048977

Ion	Ratio	Lower	Upper
244	100		
212	10.5	7.3	10.9
122	7.3	4.8	7.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.515 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Instrument :
BNA_G
ClientSampleId :
PB164401BL

Tgt Ion:264 Resp: 1037021

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.2
265	22.2	17.4	26.0