Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
Data File : BG055417.D
Acq On : 2 Nov 2022 16:12
Operator : CG/JU
Sample : PB148724BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB148724BL

Quant Time: Nov 03 06:09:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:05:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.244	152	24352	20.000	ng	0.00
21) Naphthalene-d8	11.070	136	110394	20.000	ng	0.00
39) Acenaphthene-d10	14.860	164	82690	20.000	ng	0.00
64) Phenanthrene-d10	17.592	188	209691	20.000	ng	0.00
76) Chrysene-d12	21.864	240	216026	20.000	ng	0.00
86) Perylene-d12	25.242	264	231347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.765	112	202840	149.585	ng	0.00
7) Phenol-d6	7.392	99	270396	143.793	ng	0.00
23) Nitrobenzene-d5	9.419	82	156964	75.777	ng	0.00
42) 2,4,6-Tribromophenol	16.341	330	147158	130.470	ng	0.00
45) 2-Fluorobiphenyl	13.485	172	424706	76.151	ng	0.00
79) Terphenyl-d14	20.166	244	880581	79.265	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.419	70	20662	14.062	ng	# 80
51) 2,6-Dinitrotoluene	14.854	165	10698	7.403	ng	# 27
57) 2,4-Dinitrotoluene	14.854	165	10698	5.178	ng	# 25
67) 4-Bromophenyl-phenylether	16.335	248	9178	3.703	ng	# 1
77) Benzidine	20.166	184	12460	2.770	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
Data File : BG055417.D
Acq On : 2 Nov 2022 16:12
Operator : CG/JU
Sample : PB148724BL
Misc :
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Instrument :
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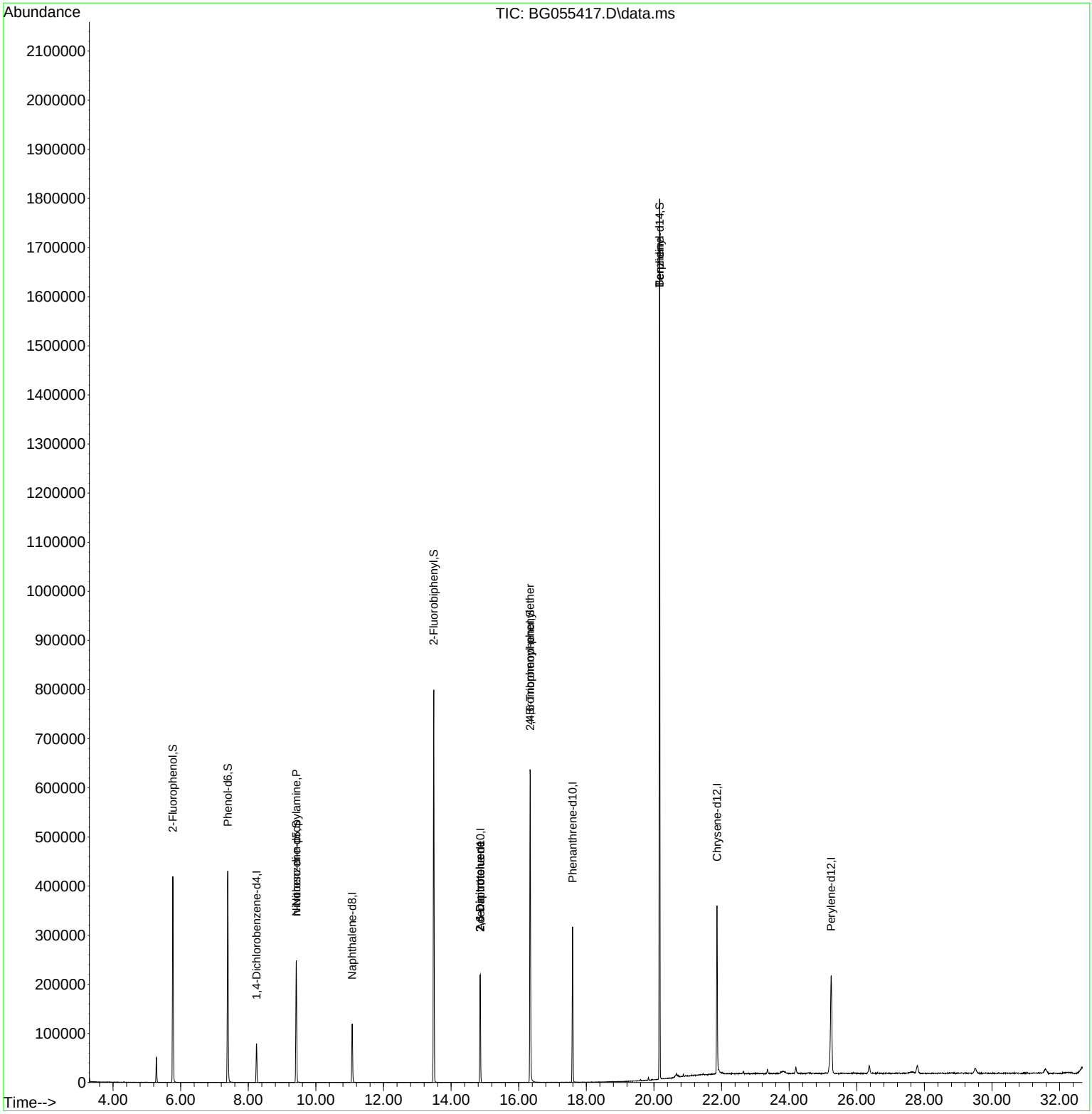
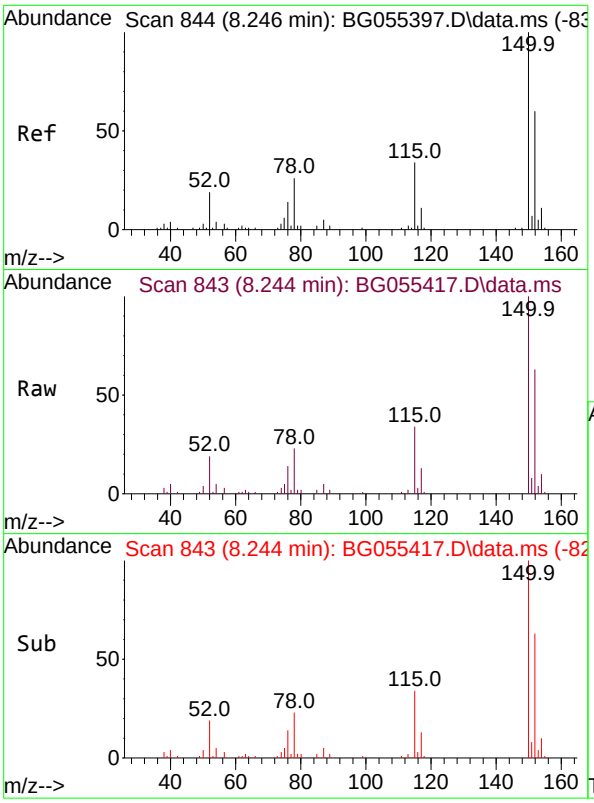
Quant Time: Nov 03 06:09:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:05:12 2022
Response via : Initial Calibration



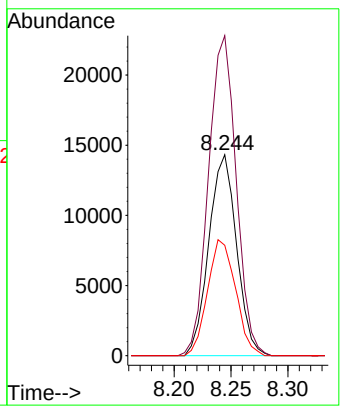


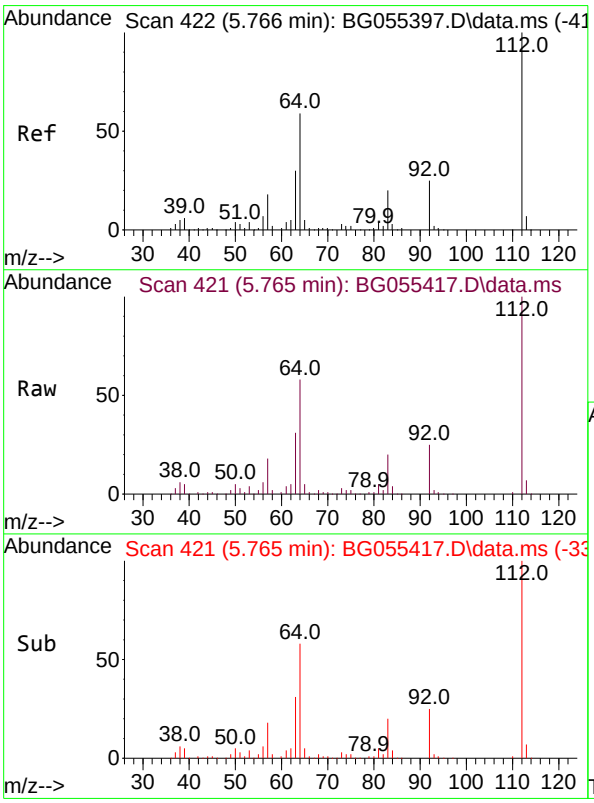
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.244 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055417.D
Acq: 2 Nov 2022 16:12

Instrument :
BNA_G
ClientSampleId :
PB148724BL

Tgt Ion:152 Resp: 24352

Ion	Ratio	Lower	Upper
152	100		
150	159.3	132.8	199.2
115	54.9	45.1	67.7

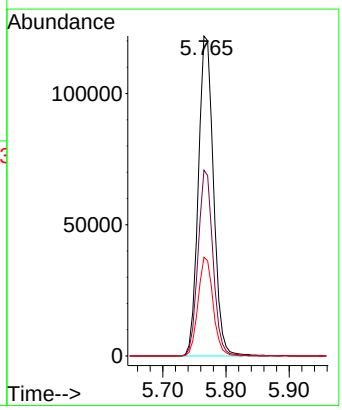


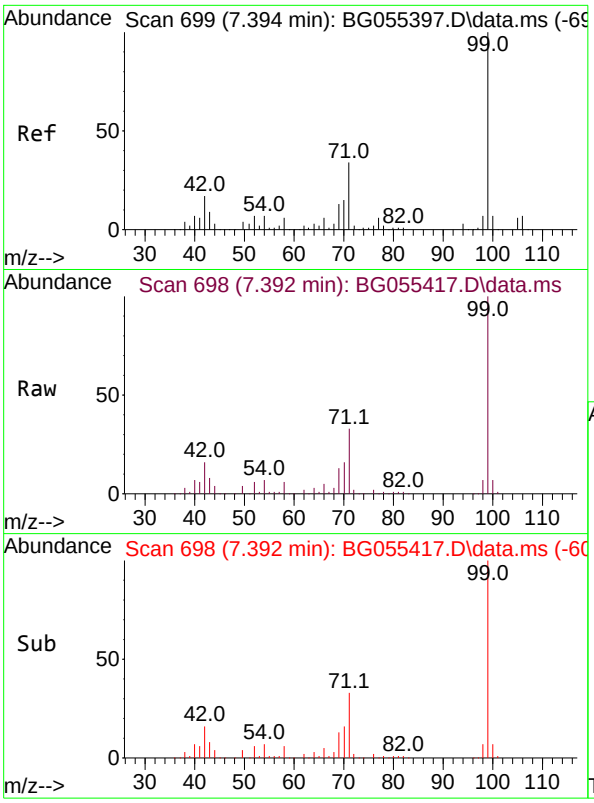


#5
2-Fluorophenol
Concen: 149.585 ng
RT: 5.765 min Scan# 421
Delta R.T. -0.002 min
Lab File: BG055417.D
Acq: 2 Nov 2022 16:12

Tgt Ion:112 Resp: 202840

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.2	70.8
63	30.8	24.3	36.5



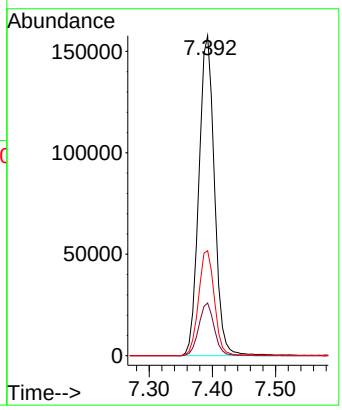


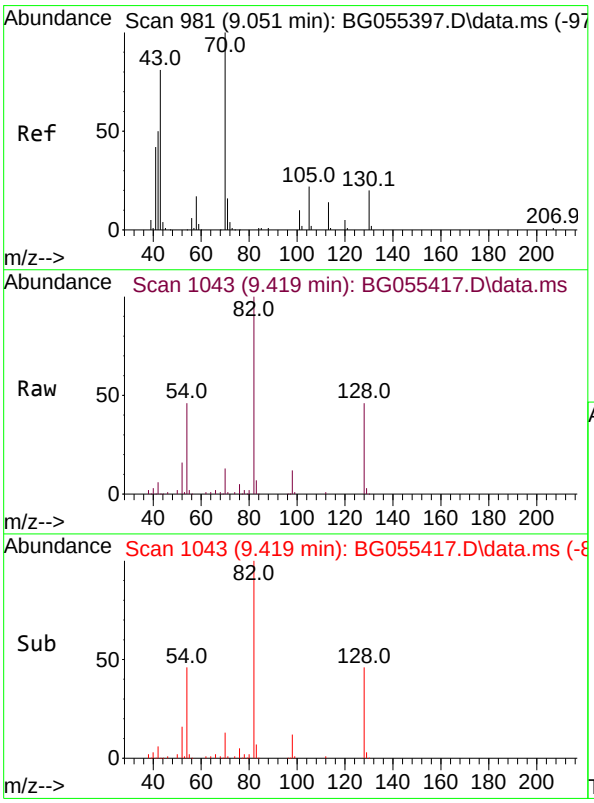
#7
Phenol-d6
Concen: 143.793 ng
RT: 7.392 min Scan# 6
Delta R.T. -0.002 min
Lab File: BG055417.D
Acq: 2 Nov 2022 16:12

Instrument :
BNA_G
ClientSampleId :
PB148724BL

Tgt Ion: 99 Resp: 270396

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	32.8	27.4	41.0

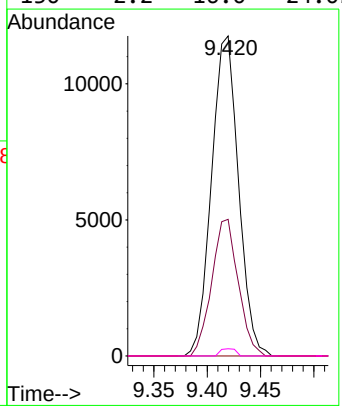


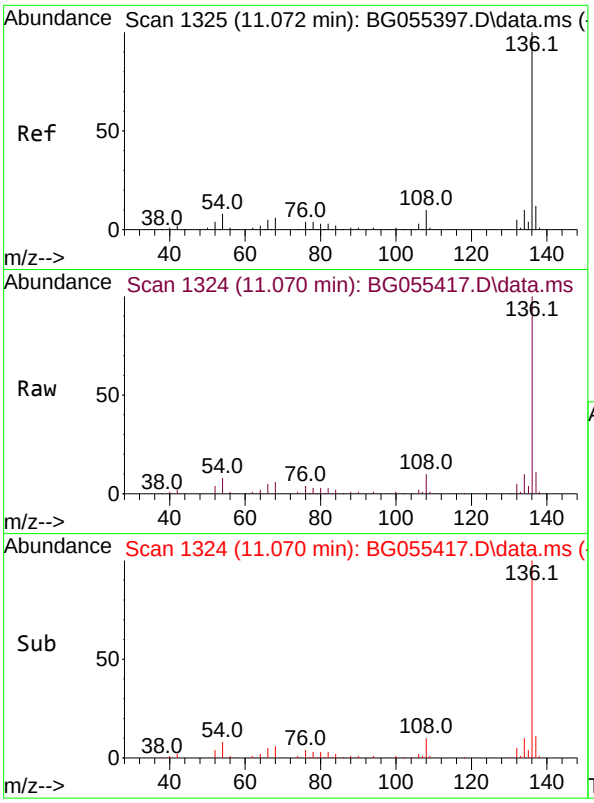


#19
n-Nitroso-di-n-propylamine
Concen: 14.062 ng
RT: 9.419 min Scan# 1043
Delta R.T. 0.369 min
Lab File: BG055417.D
Acq: 2 Nov 2022 16:12

Tgt Ion: 70 Resp: 20662

Ion	Ratio	Lower	Upper
70	100		
42	42.7	40.6	61.0
101	0.0	7.8	11.6#
130	2.2	16.0	24.0#



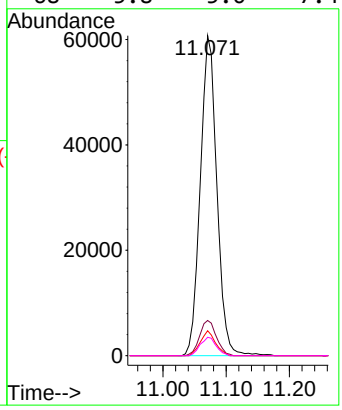


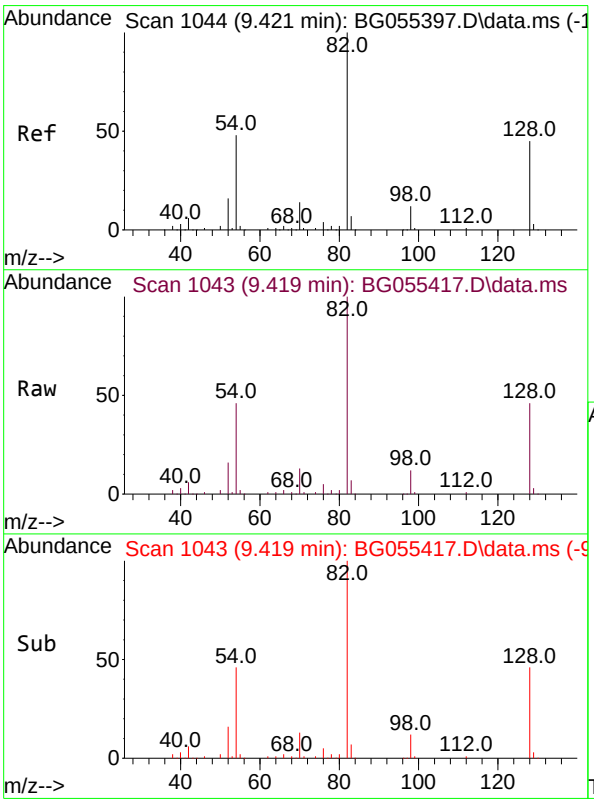
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.070 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG055417.D
Acq: 2 Nov 2022 16:12

Instrument :
BNA_G
ClientSampleId :
PB148724BL

Tgt Ion:136 Resp: 110394

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.2
54	7.8	6.1	9.1
68	5.8	5.0	7.4

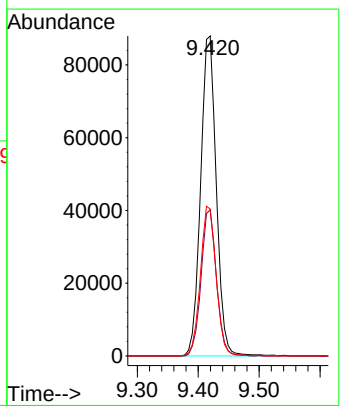


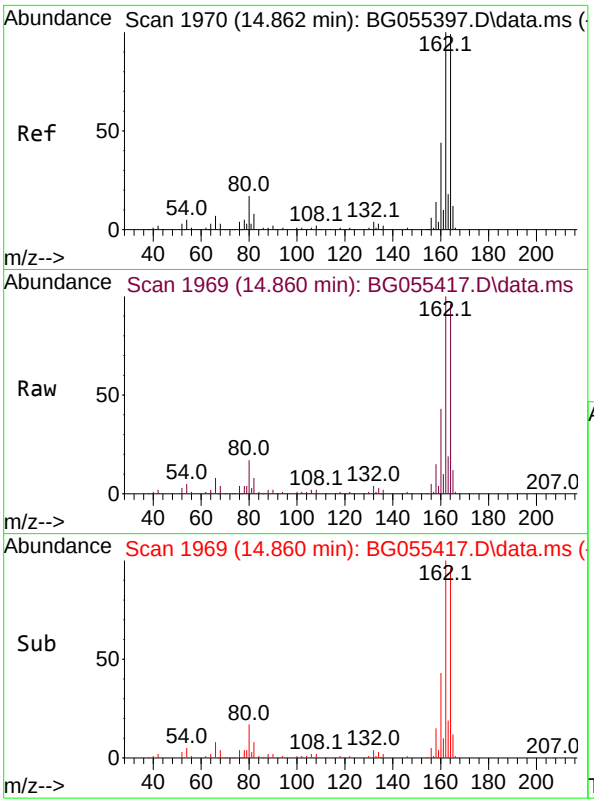


#23
Nitrobenzene-d5
Concen: 75.777 ng
RT: 9.419 min Scan# 1043
Delta R.T. -0.002 min
Lab File: BG055417.D
Acq: 2 Nov 2022 16:12

Tgt Ion: 82 Resp: 156964

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.8	53.8
54	45.9	38.1	57.1



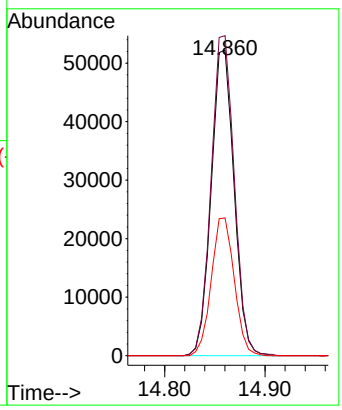


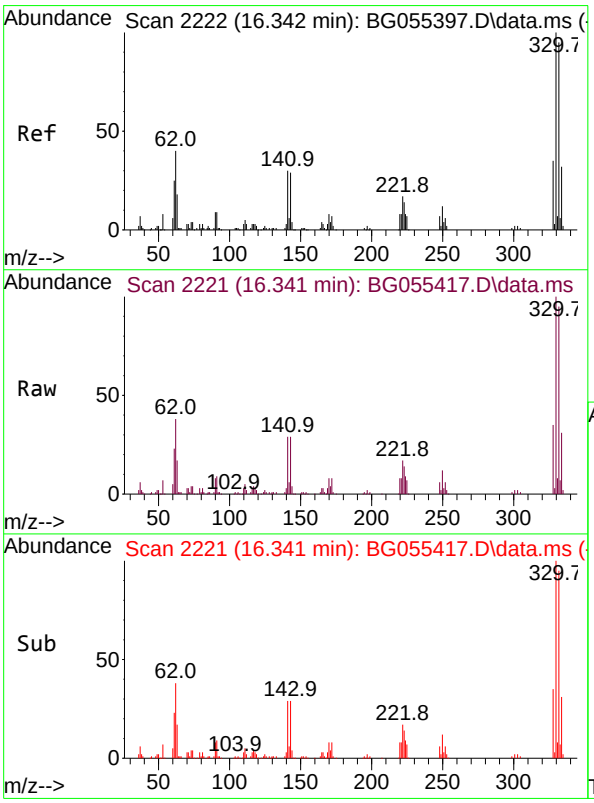
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.860 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG055417.D
Acq: 2 Nov 2022 16:12

Instrument :
BNA_G
ClientSampleId :
PB148724BL

Tgt Ion:164 Resp: 82690

Ion	Ratio	Lower	Upper
164	100		
162	104.7	81.1	121.7
160	45.0	35.8	53.6

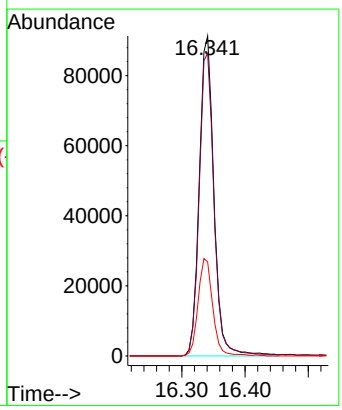


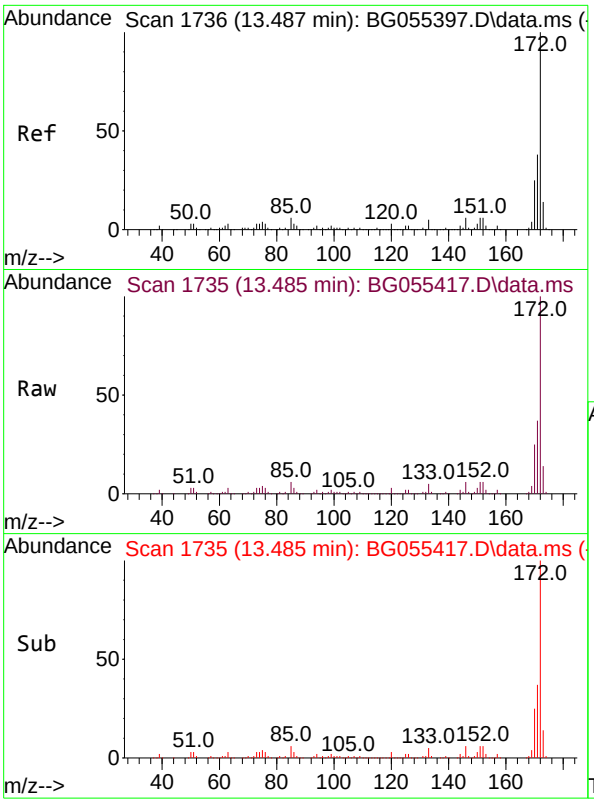


#42
2,4,6-Tribromophenol
Concen: 130.470 ng
RT: 16.341 min Scan# 2221
Delta R.T. -0.002 min
Lab File: BG055417.D
Acq: 2 Nov 2022 16:12

Tgt Ion:330 Resp: 147158

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.8	116.6
141	30.3	24.2	36.2



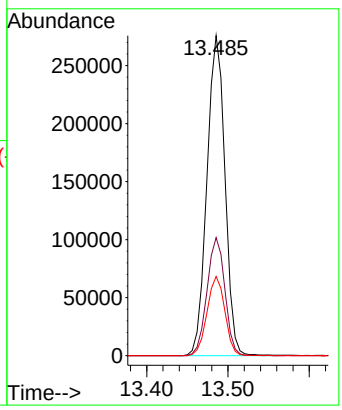


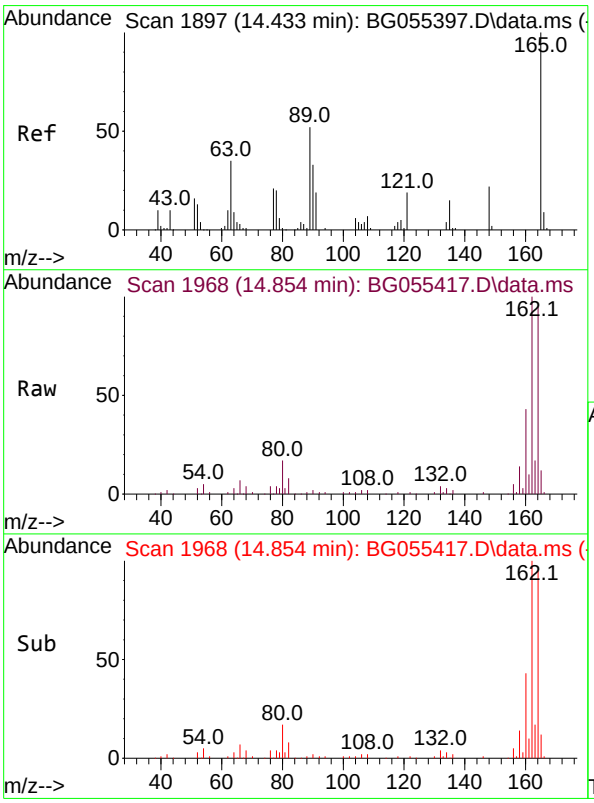
#45
2-Fluorobiphenyl
Concen: 76.151 ng
RT: 13.485 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG055417.D
Acq: 2 Nov 2022 16:12

Instrument :
BNA_G
ClientSampleId :
PB148724BL

Tgt Ion:172 Resp: 424706

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.2	45.2
170	24.8	20.2	30.2

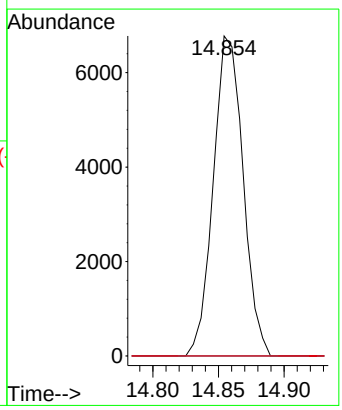


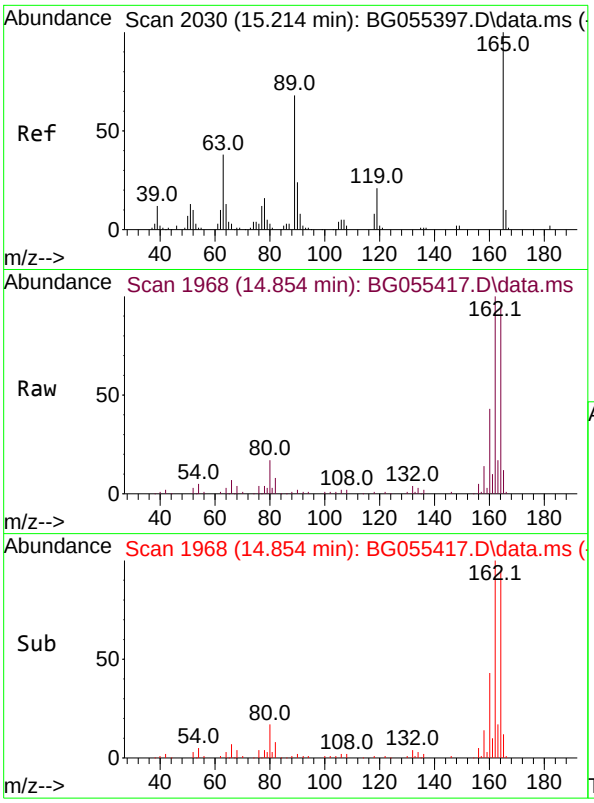


#51
2,6-Dinitrotoluene
Concen: 7.403 ng
RT: 14.854 min Scan# 1968
Delta R.T. 0.421 min
Lab File: BG055417.D
Acq: 2 Nov 2022 16:12

Tgt Ion:165 Resp: 10698

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.2	57.4#
89	0.0	41.8	62.6#



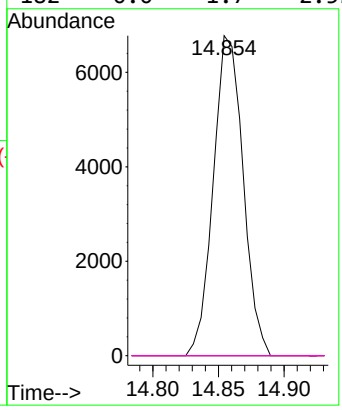


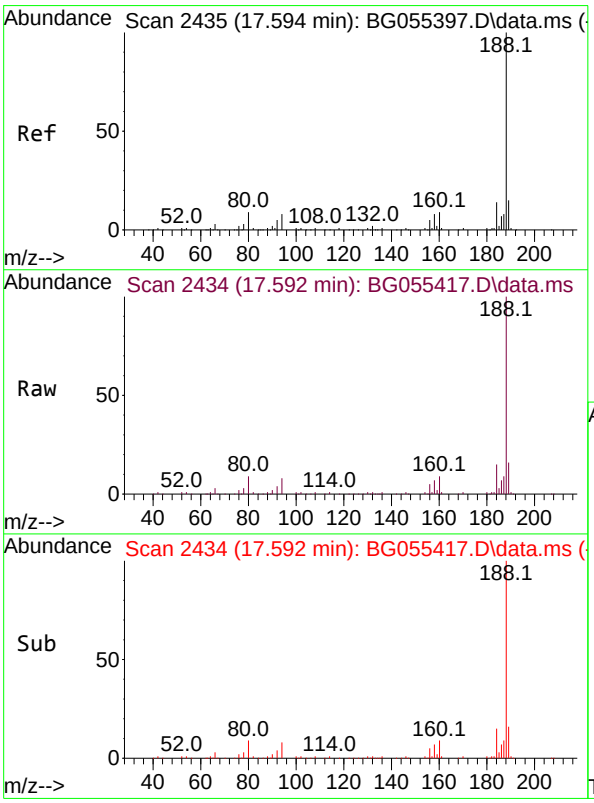
#57
2,4-Dinitrotoluene
Concen: 5.178 ng
RT: 14.854 min Scan# 1
Delta R.T. -0.360 min
Lab File: BG055417.D
Acq: 2 Nov 2022 16:12

Instrument :
BNA_G
ClientSampleId :
PB148724BL

Tgt Ion:165 Resp: 10698

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.8	46.2#
89	0.0	54.5	81.7#
182	0.0	1.7	2.5#

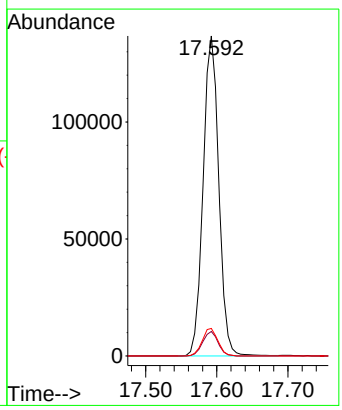


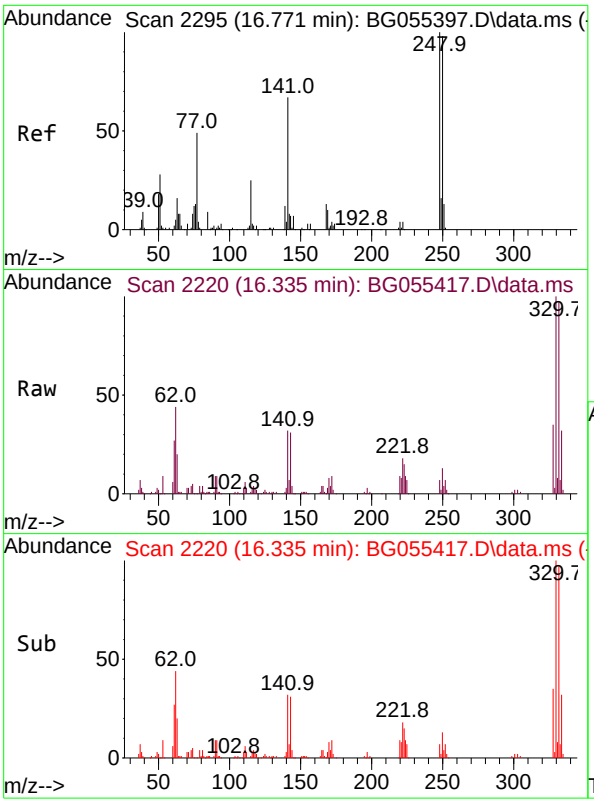


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.592 min Scan# 2434
Delta R.T. -0.002 min
Lab File: BG055417.D
Acq: 2 Nov 2022 16:12

Tgt Ion:188 Resp: 209691

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.5	9.7
80	8.6	7.4	11.0



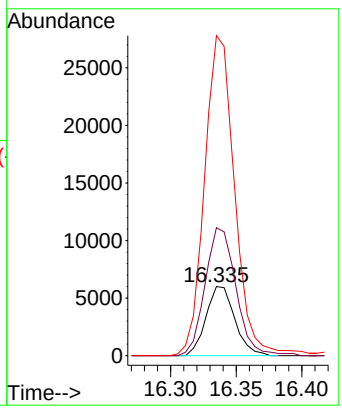


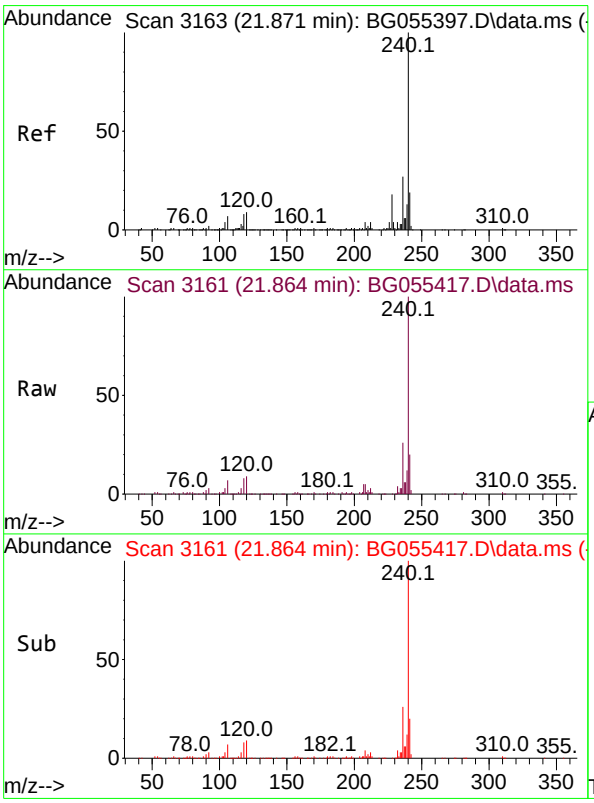
#67
4-Bromophenyl-phenylether
Concen: 3.703 ng
RT: 16.335 min Scan# 2
Delta R.T. -0.436 min
Lab File: BG055417.D
Acq: 2 Nov 2022 16:12

Instrument :
BNA_G
ClientSampleId :
PB148724BL

Tgt Ion:248 Resp: 9178

Ion	Ratio	Lower	Upper
248	100		
250	185.2	78.3	117.5#
141	463.0	53.7	80.5#

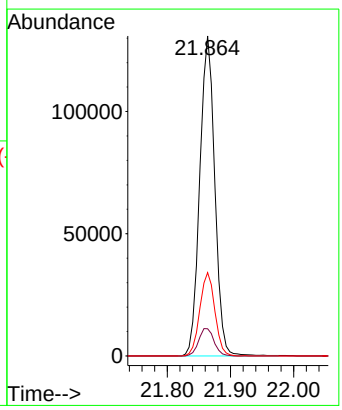


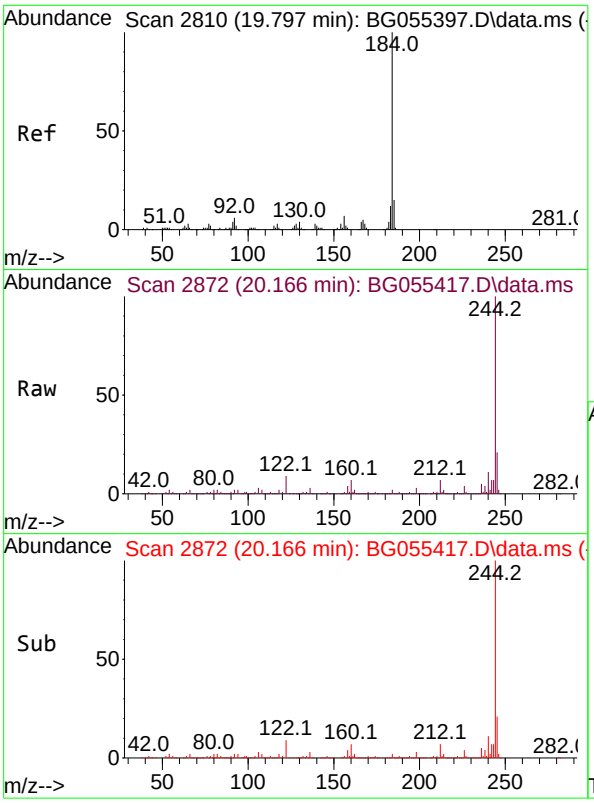


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.864 min Scan# 3161
Delta R.T. -0.007 min
Lab File: BG055417.D
Acq: 2 Nov 2022 16:12

Tgt Ion:240 Resp: 216026

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.9	10.3
236	26.1	21.5	32.3



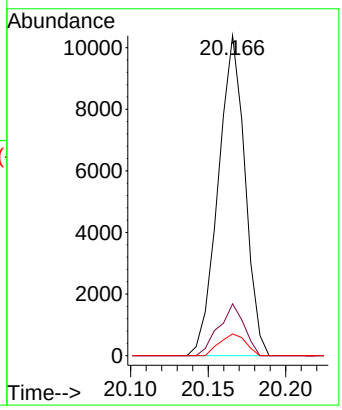


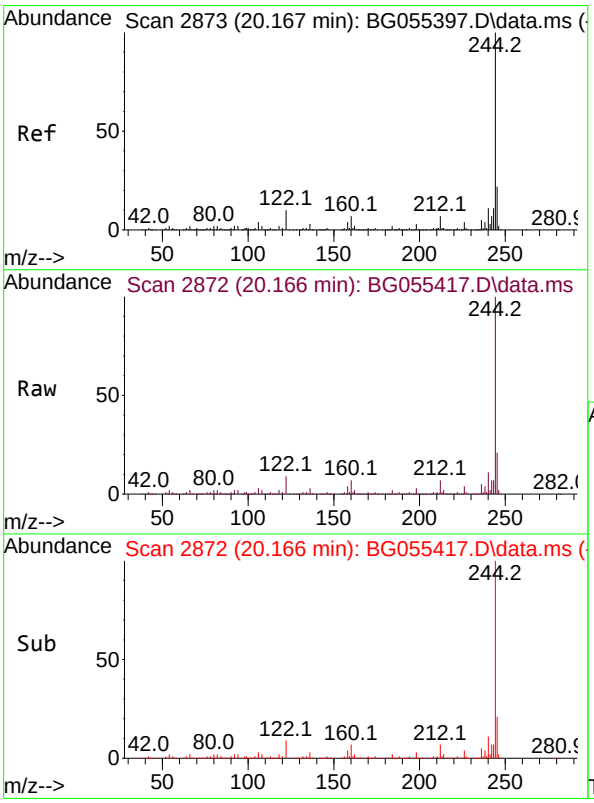
#77
Benzidine
Concen: 2.770 ng
RT: 20.166 min Scan# 2
Delta R.T. 0.369 min
Lab File: BG055417.D
Acq: 2 Nov 2022 16:12

Instrument :
BNA_G
ClientSampleId :
PB148724BL

Tgt Ion:184 Resp: 12460

Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.7	17.5
183	6.8	9.8	14.8#

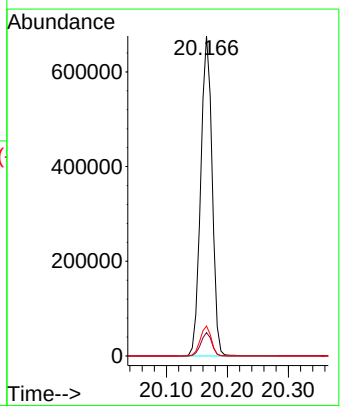


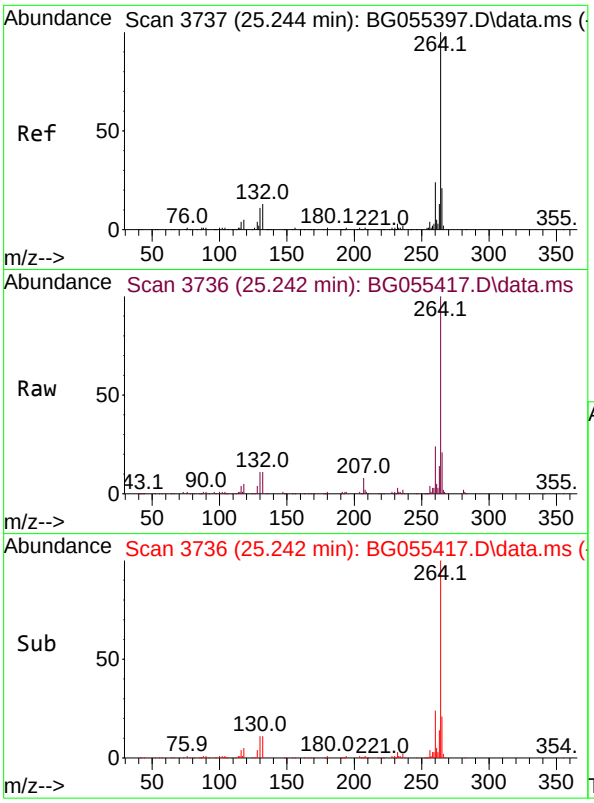


#79
Terphenyl-d14
Concen: 79.265 ng
RT: 20.166 min Scan# 2872
Delta R.T. -0.002 min
Lab File: BG055417.D
Acq: 2 Nov 2022 16:12

Tgt Ion:244 Resp: 880581

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	9.3	7.8	11.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.242 min Scan# 3
Delta R.T. -0.002 min
Lab File: BG055417.D
Acq: 2 Nov 2022 16:12

Instrument :
BNA_G
ClientSampleId :
PB148724BL

Tgt Ion:264 Resp: 231347

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.5	17.1	25.7