Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055891.D
Acq On : 5 Dec 2022 19:11
Operator : CG/JU
Sample : N5870-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ML-5

Quant Time: Dec 06 04:48:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 04:41:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.171	152	27213	20.000	ng	0.00
21) Naphthalene-d8	10.997	136	113515	20.000	ng	0.00
39) Acenaphthene-d10	14.804	164	87368	20.000	ng	0.00
64) Phenanthrene-d10	17.542	188	230829	20.000	ng	0.00
76) Chrysene-d12	21.826	240	226464	20.000	ng	-0.01
86) Perylene-d12	25.175	264	235603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	173107	114.980	ng	0.00
7) Phenol-d6	7.325	99	223766	111.653	ng	0.00
23) Nitrobenzene-d5	9.346	82	141238	65.763	ng	0.00
42) 2,4,6-Tribromophenol	16.291	330	131509	106.896	ng	0.00
45) 2-Fluorobiphenyl	13.424	172	346124	59.351	ng	0.00
79) Terphenyl-d14	20.134	244	694191	61.311	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.346	70	19528	12.682	ng	# 78
51) 2,6-Dinitrotoluene	14.804	165	11273	7.916	ng	# 24
57) 2,4-Dinitrotoluene	14.804	165	11273	5.615	ng	# 22
67) 4-Bromophenyl-phenylether	16.285	248	8652	3.290	ng	# 1
77) Benzidine	20.134	184	10683	2.039	ng	# 90

(#) = 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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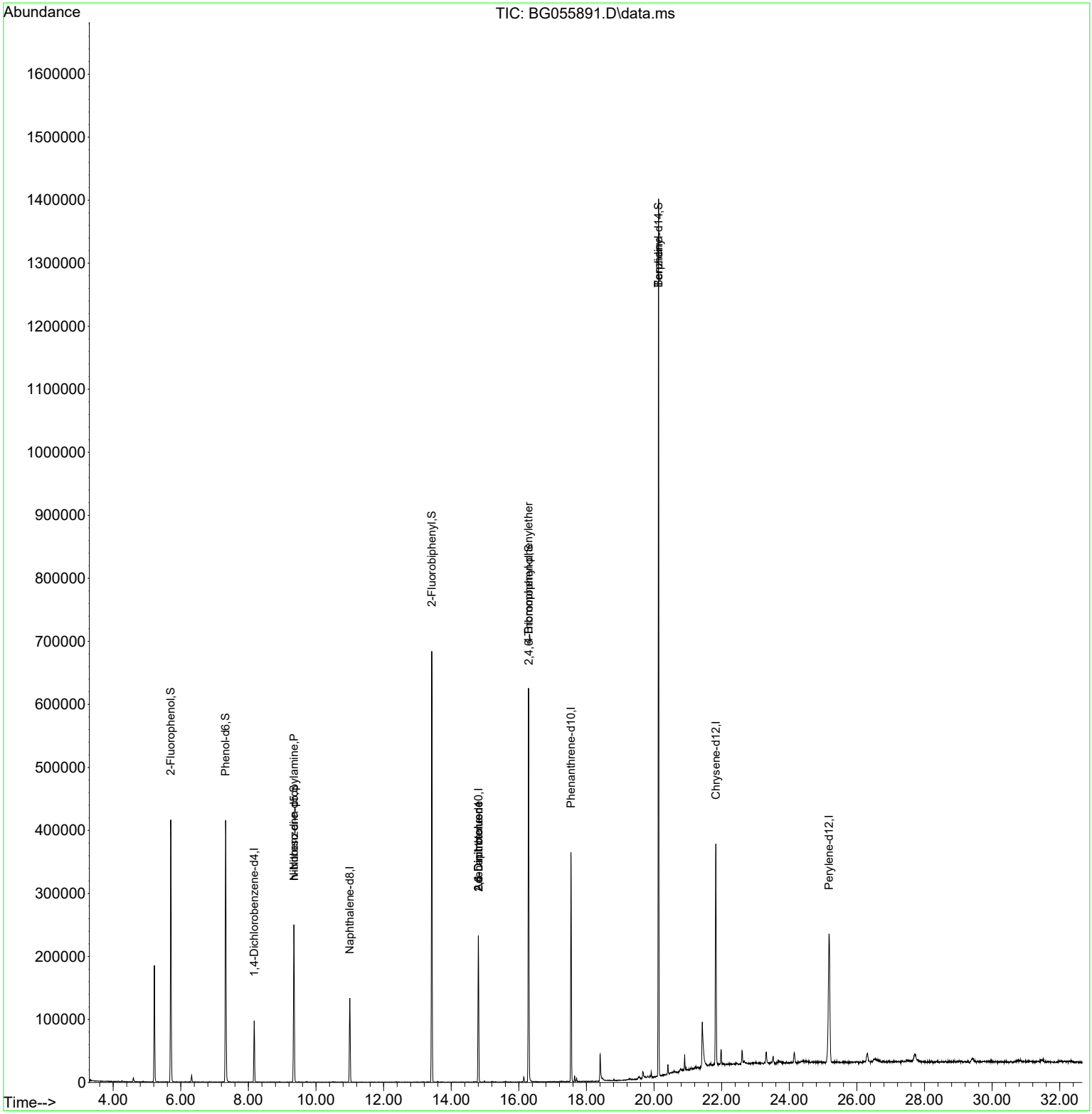
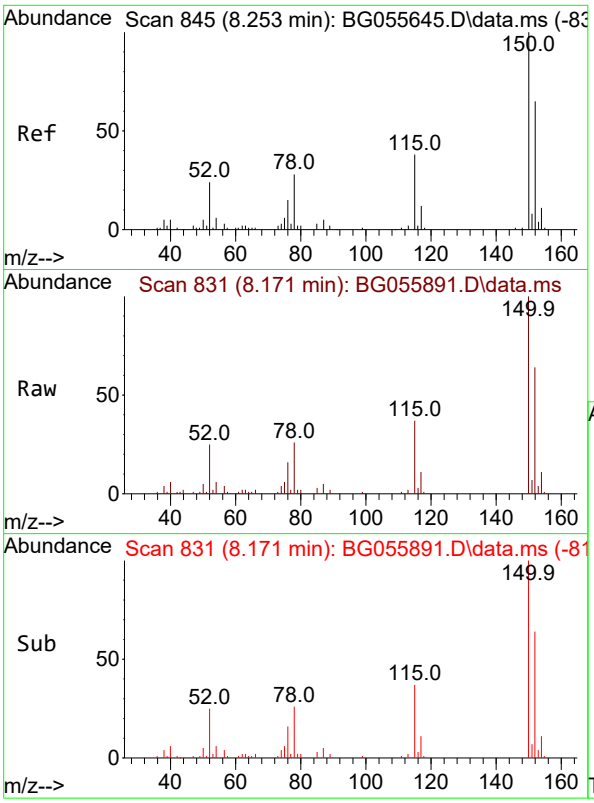


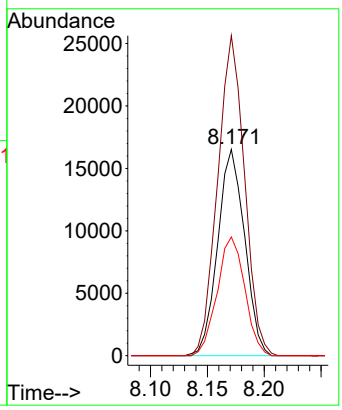


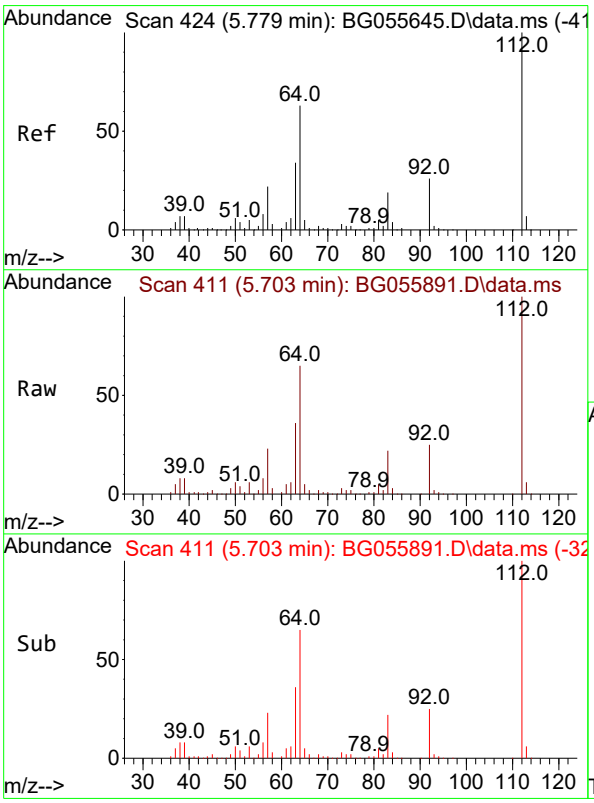
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.171 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG055891.D
Acq: 5 Dec 2022 19:11

Instrument :
BNA_G
ClientSampleId :
ML-5

Tgt Ion:152 Resp: 27213

Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.0	184.6
115	57.6	47.0	70.4

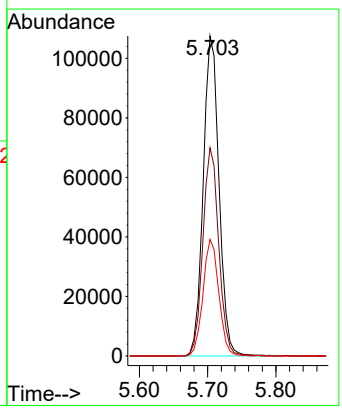


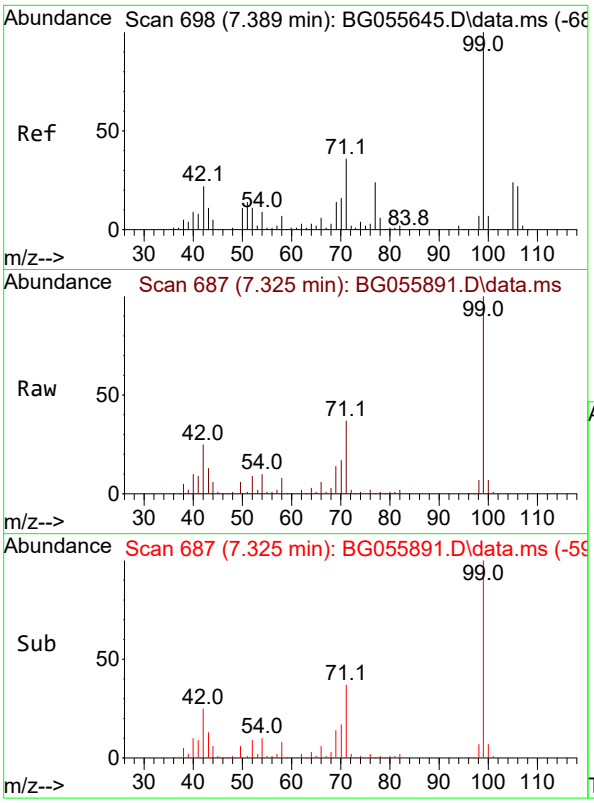


#5
2-Fluorophenol
Concen: 114.980 ng
RT: 5.703 min Scan# 411
Delta R.T. 0.001 min
Lab File: BG055891.D
Acq: 5 Dec 2022 19:11

Tgt Ion:112 Resp: 173107

Ion	Ratio	Lower	Upper
112	100		
64	65.1	50.6	76.0
63	36.4	27.5	41.3



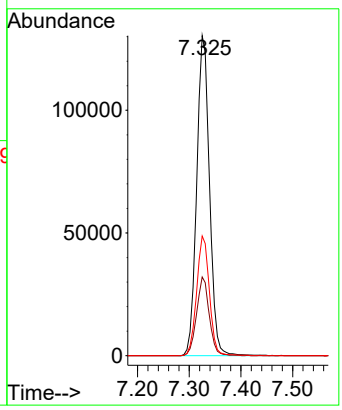


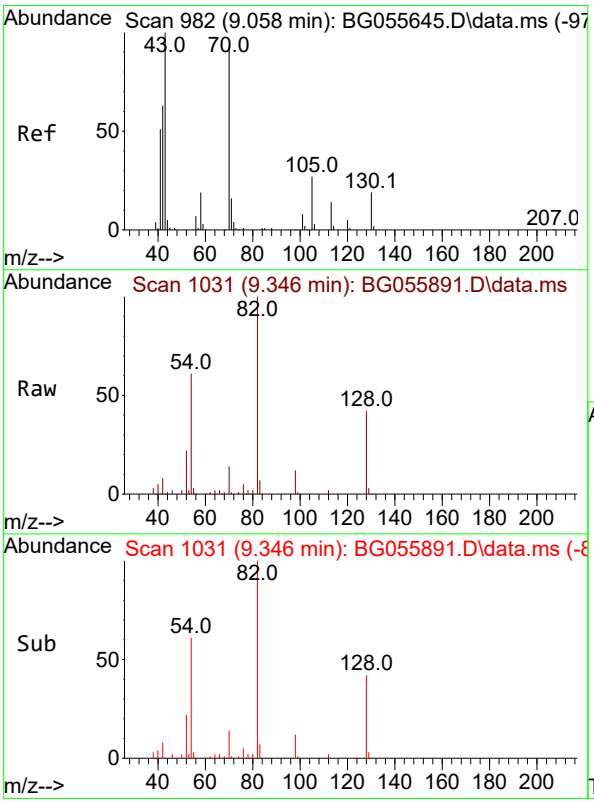
#7
Phenol-d6
Concen: 111.653 ng
RT: 7.325 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG055891.D
Acq: 5 Dec 2022 19:11

Instrument :
BNA_G
ClientSampleId :
ML-5

Tgt Ion: 99 Resp: 223766

Ion	Ratio	Lower	Upper
99	100		
42	24.6	18.0	27.0
71	37.4	29.0	43.6

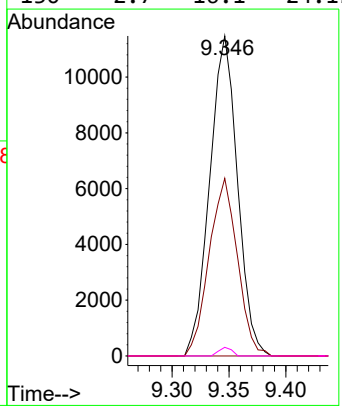


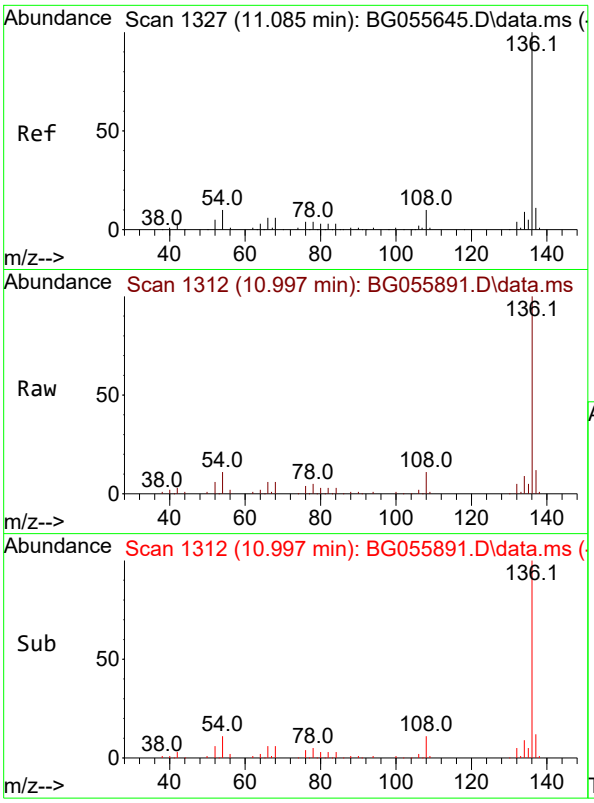


#19
n-Nitroso-di-n-propylamine
Concen: 12.682 ng
RT: 9.346 min Scan# 1031
Delta R.T. 0.366 min
Lab File: BG055891.D
Acq: 5 Dec 2022 19:11

Tgt Ion: 70 Resp: 19528

Ion	Ratio	Lower	Upper
70	100		
42	55.5	55.2	82.8
101	0.0	7.1	10.7#
130	2.7	16.1	24.1#



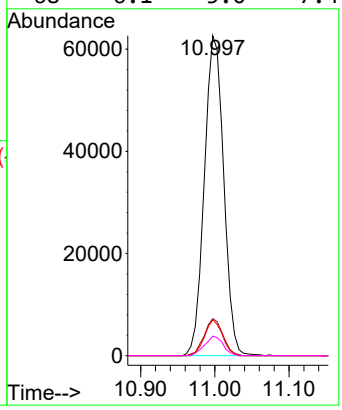


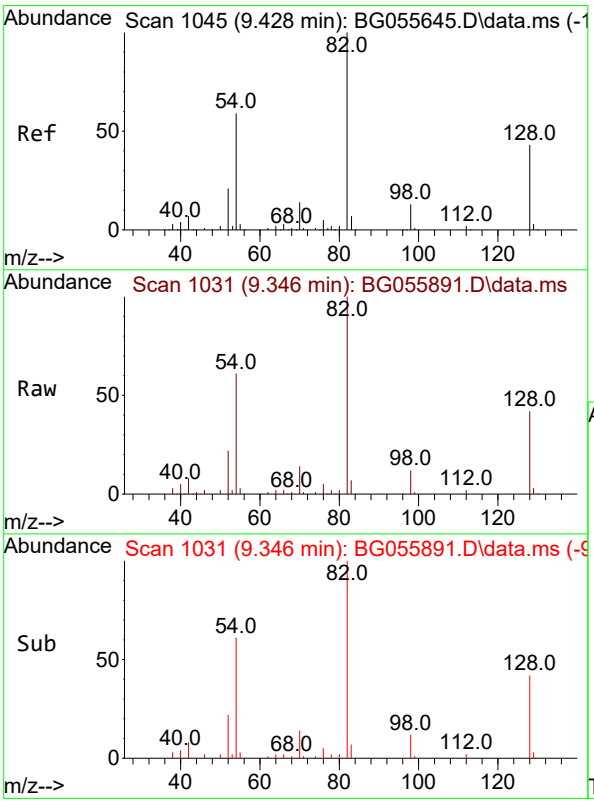
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.997 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055891.D
Acq: 5 Dec 2022 19:11

Instrument :
BNA_G
ClientSampleId :
ML-5

Tgt Ion:136 Resp: 113515

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	11.1	7.8	11.6
68	6.1	5.0	7.4

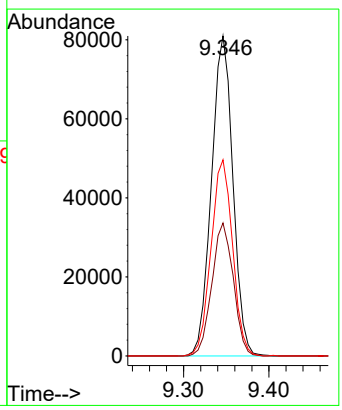


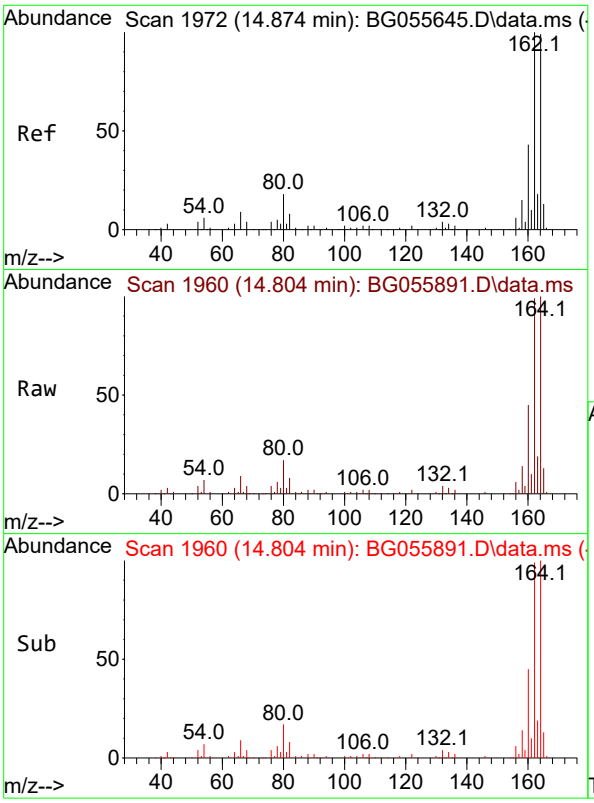


#23
Nitrobenzene-d5
Concen: 65.763 ng
RT: 9.346 min Scan# 1031
Delta R.T. -0.004 min
Lab File: BG055891.D
Acq: 5 Dec 2022 19:11

Tgt Ion: 82 Resp: 141238

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.1	51.1
54	61.3	47.3	70.9



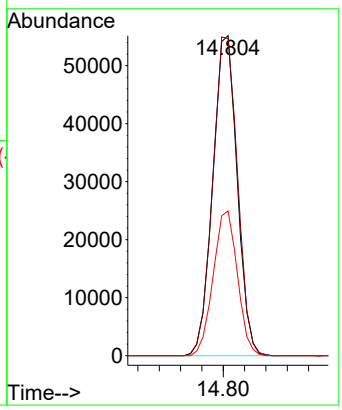


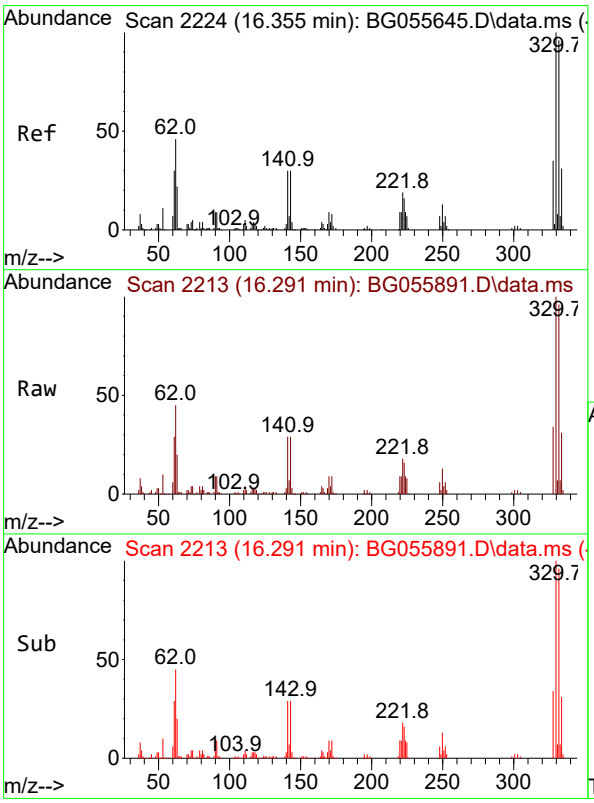
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.804 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055891.D
Acq: 5 Dec 2022 19:11

Instrument :
BNA_G
ClientSampleId :
ML-5

Tgt Ion:164 Resp: 87368

Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.1	121.7
160	45.2	34.8	52.2

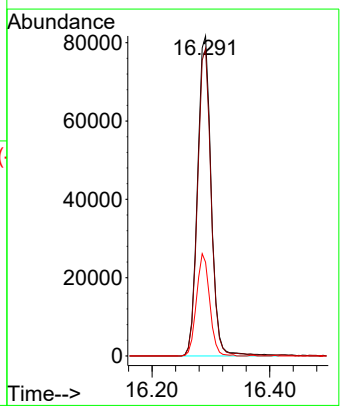


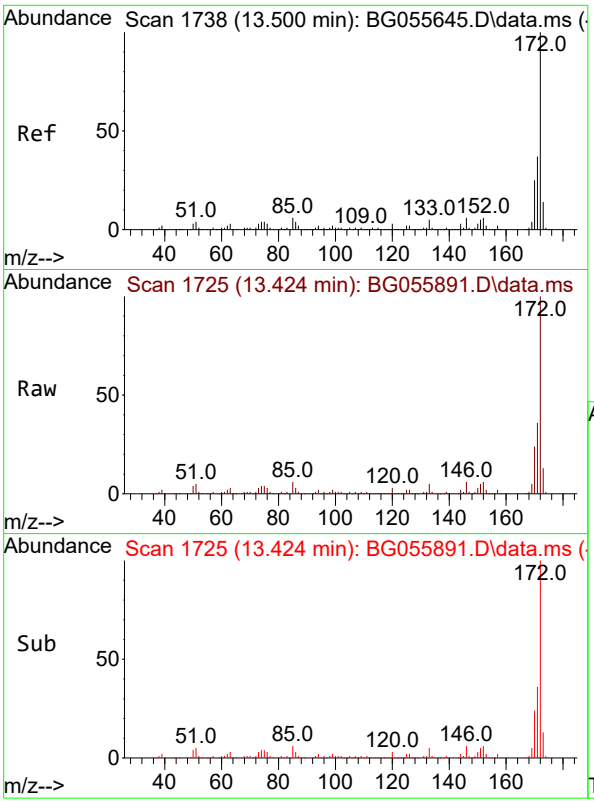


#42
2,4,6-Tribromophenol
Concen: 106.896 ng
RT: 16.291 min Scan# 2213
Delta R.T. -0.004 min
Lab File: BG055891.D
Acq: 5 Dec 2022 19:11

Tgt Ion:330 Resp: 131509

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.8	116.8
141	30.9	23.9	35.9



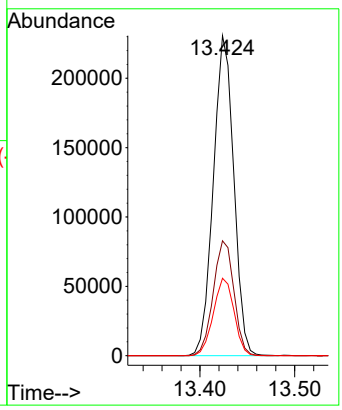


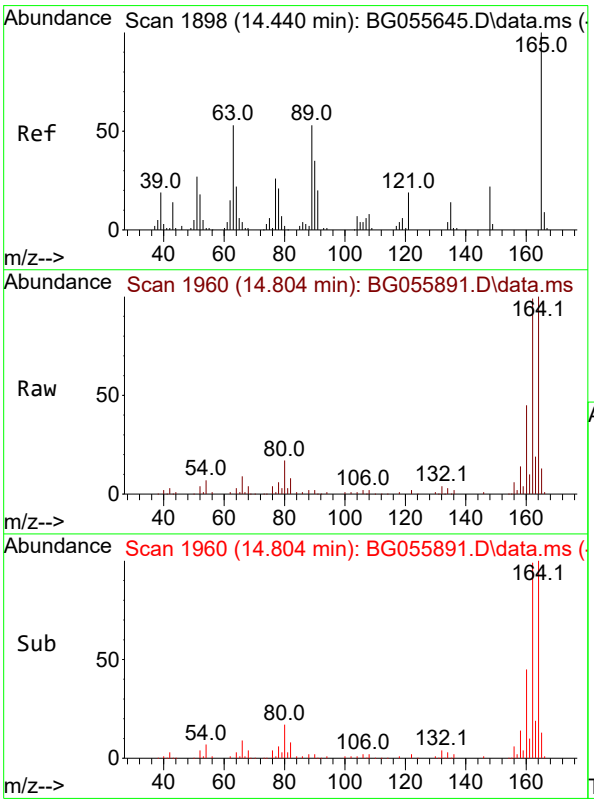
#45
2-Fluorobiphenyl
Concen: 59.351 ng
RT: 13.424 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055891.D
Acq: 5 Dec 2022 19:11

Instrument :
BNA_G
ClientSampleId :
ML-5

Tgt Ion:172 Resp: 346124

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.6
170	24.2	20.2	30.4

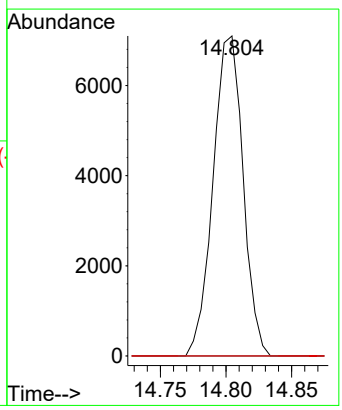


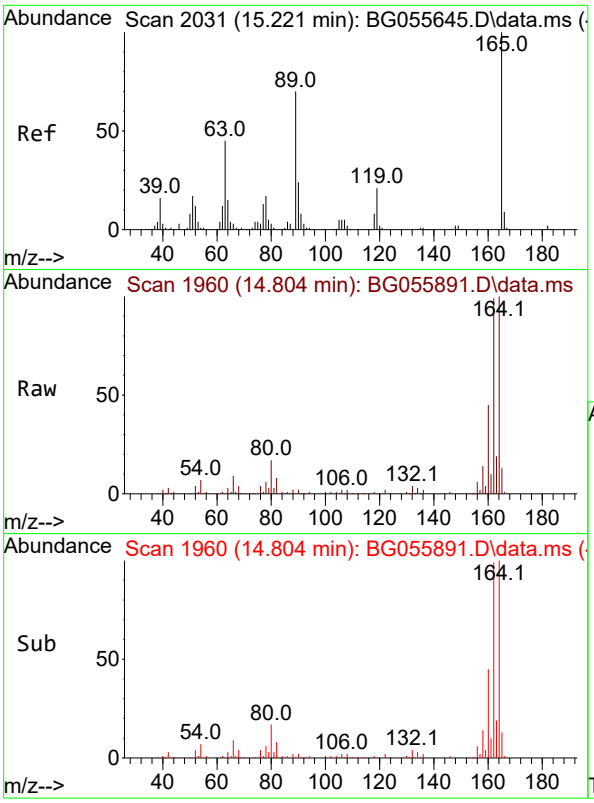


#51
2,6-Dinitrotoluene
Concen: 7.916 ng
RT: 14.804 min Scan# 1960
Delta R.T. 0.424 min
Lab File: BG055891.D
Acq: 5 Dec 2022 19:11

Tgt Ion:165 Resp: 11273

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.6	66.8#
89	0.0	42.2	63.4#



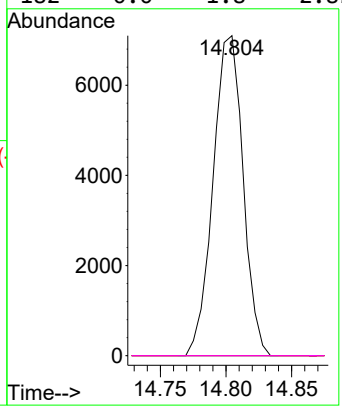


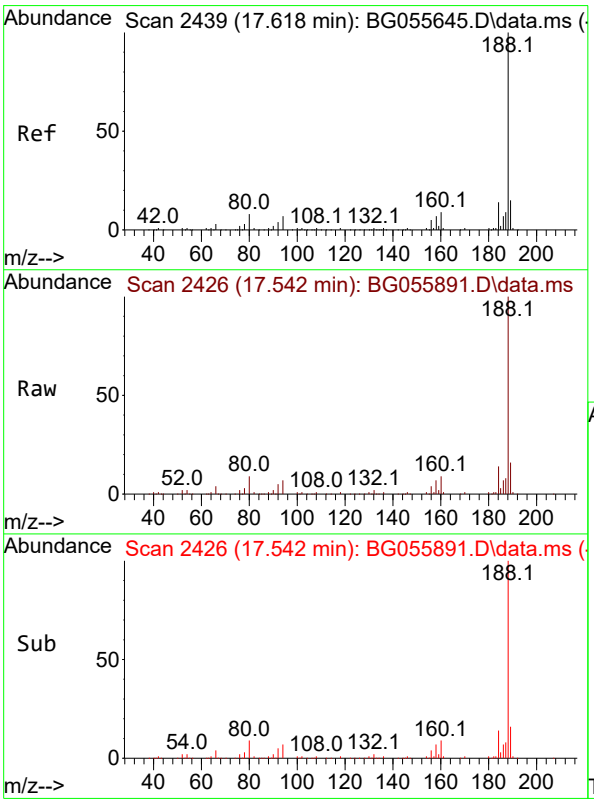
#57
2,4-Dinitrotoluene
Concen: 5.615 ng
RT: 14.804 min Scan# 1
Delta R.T. -0.363 min
Lab File: BG055891.D
Acq: 5 Dec 2022 19:11

Instrument :
BNA_G
ClientSampleId :
ML-5

Tgt Ion:165 Resp: 11273

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.8	53.8#
89	0.0	56.2	84.4#
182	0.0	1.8	2.8#

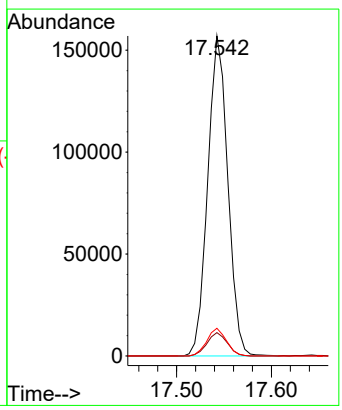


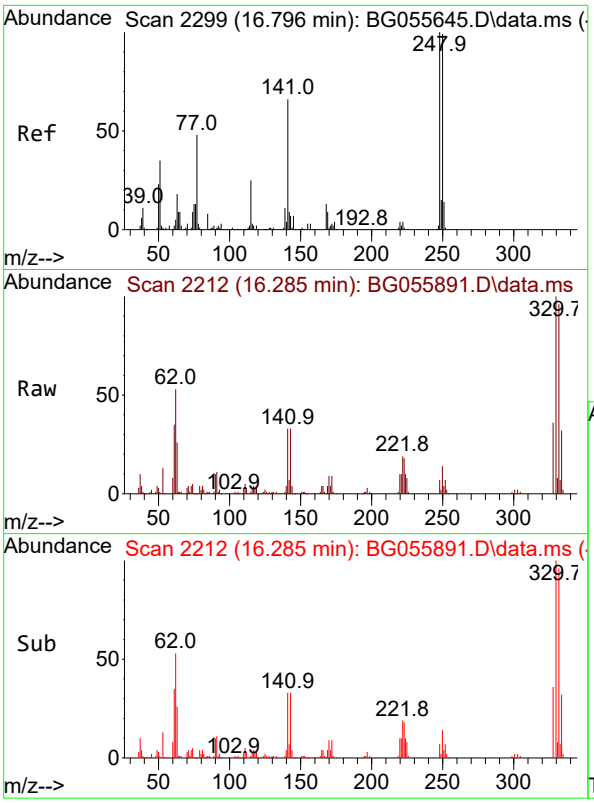


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.542 min Scan# 2426
Delta R.T. -0.004 min
Lab File: BG055891.D
Acq: 5 Dec 2022 19:11

Tgt Ion:188 Resp: 230829

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.4	8.2
80	8.7	6.6	10.0



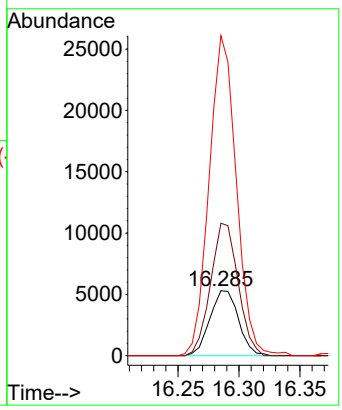


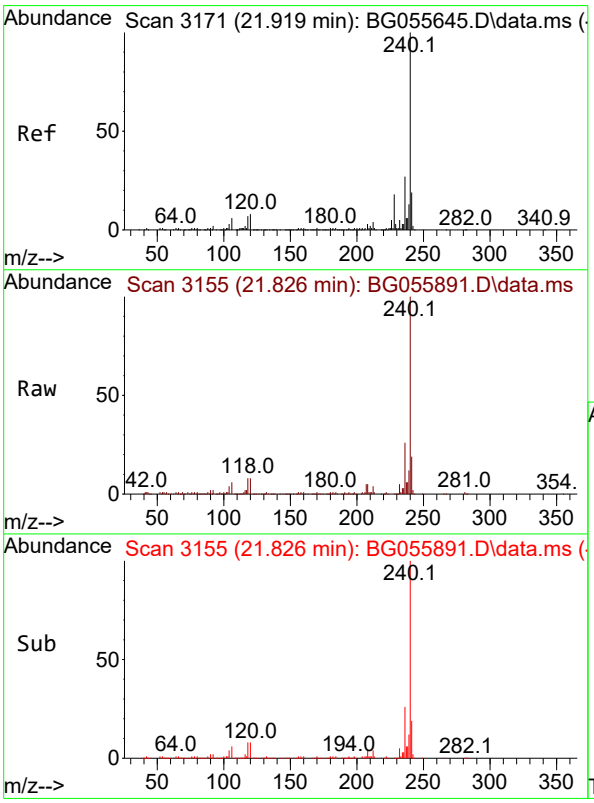
#67
4-Bromophenyl-phenylether
Concen: 3.290 ng
RT: 16.285 min Scan# 2
Delta R.T. -0.445 min
Lab File: BG055891.D
Acq: 5 Dec 2022 19:11

Instrument :
BNA_G
ClientSampleId :
ML-5

Tgt Ion:248 Resp: 8652

Ion	Ratio	Lower	Upper
248	100		
250	203.8	79.0	118.4#
141	492.4	52.9	79.3#

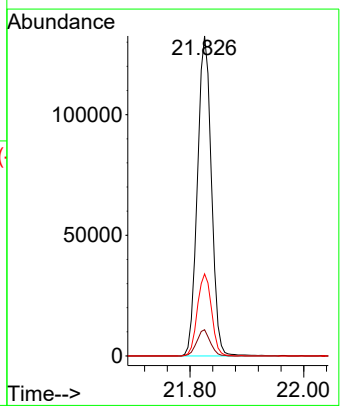


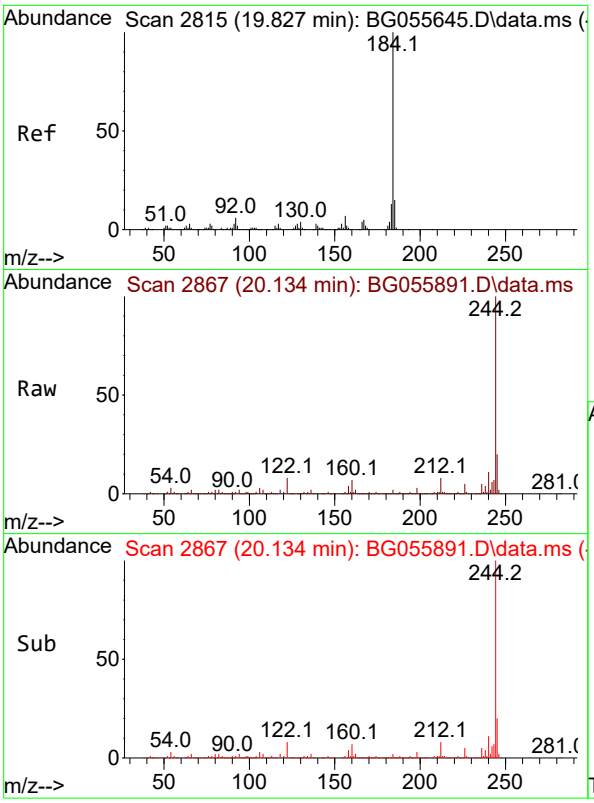


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.826 min Scan# 3155
Delta R.T. -0.010 min
Lab File: BG055891.D
Acq: 5 Dec 2022 19:11

Tgt Ion:240 Resp: 226464

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.3	9.5
236	25.7	21.9	32.9



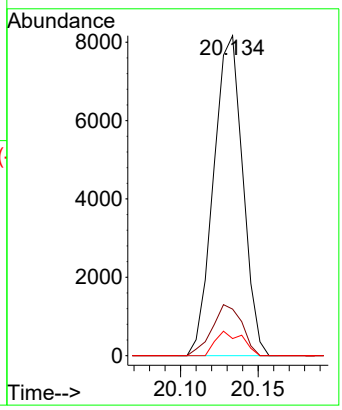


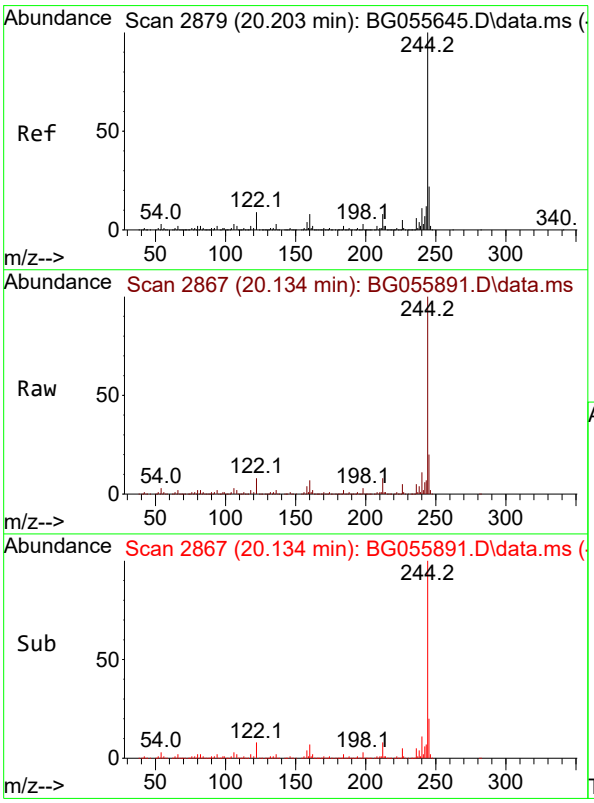
#77
Benzidine
Concen: 2.039 ng
RT: 20.134 min Scan# 2
Delta R.T. 0.372 min
Lab File: BG055891.D
Acq: 5 Dec 2022 19:11

Instrument :
BNA_G
ClientSampleId :
ML-5

Tgt Ion:184 Resp: 10683

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.8
183	5.4	10.6	15.8#

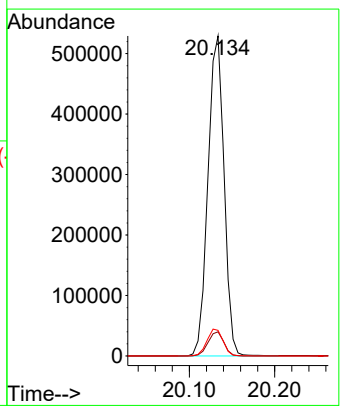


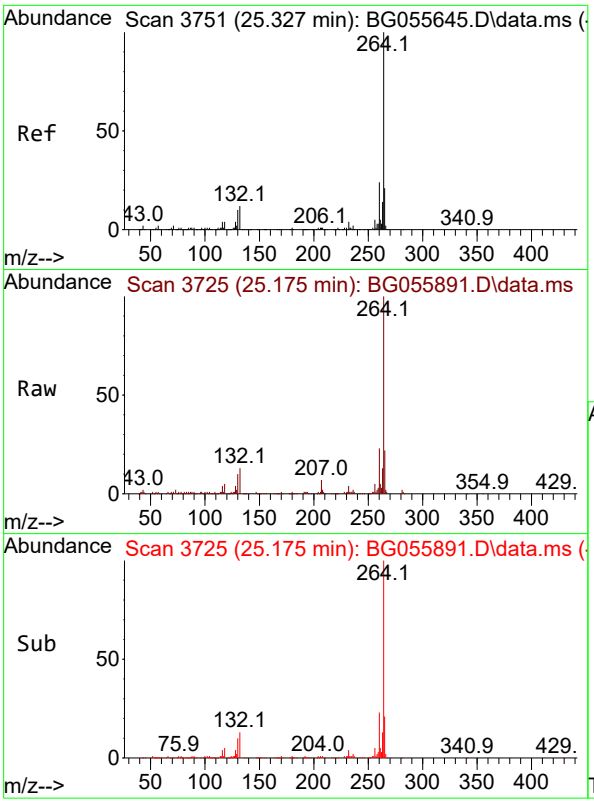


#79
Terphenyl-d14
Concen: 61.311 ng
RT: 20.134 min Scan# 2867
Delta R.T. -0.004 min
Lab File: BG055891.D
Acq: 5 Dec 2022 19:11

Tgt Ion:244 Resp: 694191

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	8.0	6.9	10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.175 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG055891.D
Acq: 5 Dec 2022 19:11

Instrument :
BNA_G
ClientSampleId :
ML-5

Tgt Ion:264 Resp: 235603

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.5	17.1	25.7