Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055745.D
Acq On : 22 Nov 2022 18:36
Operator : CG/JU
Sample : N5749-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-83

Quant Time: Nov 23 01:39:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 01:35:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	37737	20.000	ng	0.00
21) Naphthalene-d8	11.072	136	153956	20.000	ng	0.00
39) Acenaphthene-d10	14.862	164	108534	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	258936	20.000	ng	0.00
76) Chrysene-d12	21.901	240	260441	20.000	ng	0.00
86) Perylene-d12	25.309	264	273784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.773	112	257098	123.144	ng	0.00
7) Phenol-d6	7.389	99	331861	119.410	ng	0.00
23) Nitrobenzene-d5	9.416	82	207250	71.151	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	173927	113.804	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	496860	68.583	ng	0.00
79) Terphenyl-d14	20.197	244	834244	64.068	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.416	70	27579	12.915	ng	# 74
51) 2,6-Dinitrotoluene	14.868	165	14431	8.158	ng	# 24
57) 2,4-Dinitrotoluene	14.868	165	14431	5.786	ng	# 22
67) 4-Bromophenyl-phenylether	16.349	248	11482	3.892	ng	# 1
77) Benzidine	20.191	184	13065	2.168	ng	# 91

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

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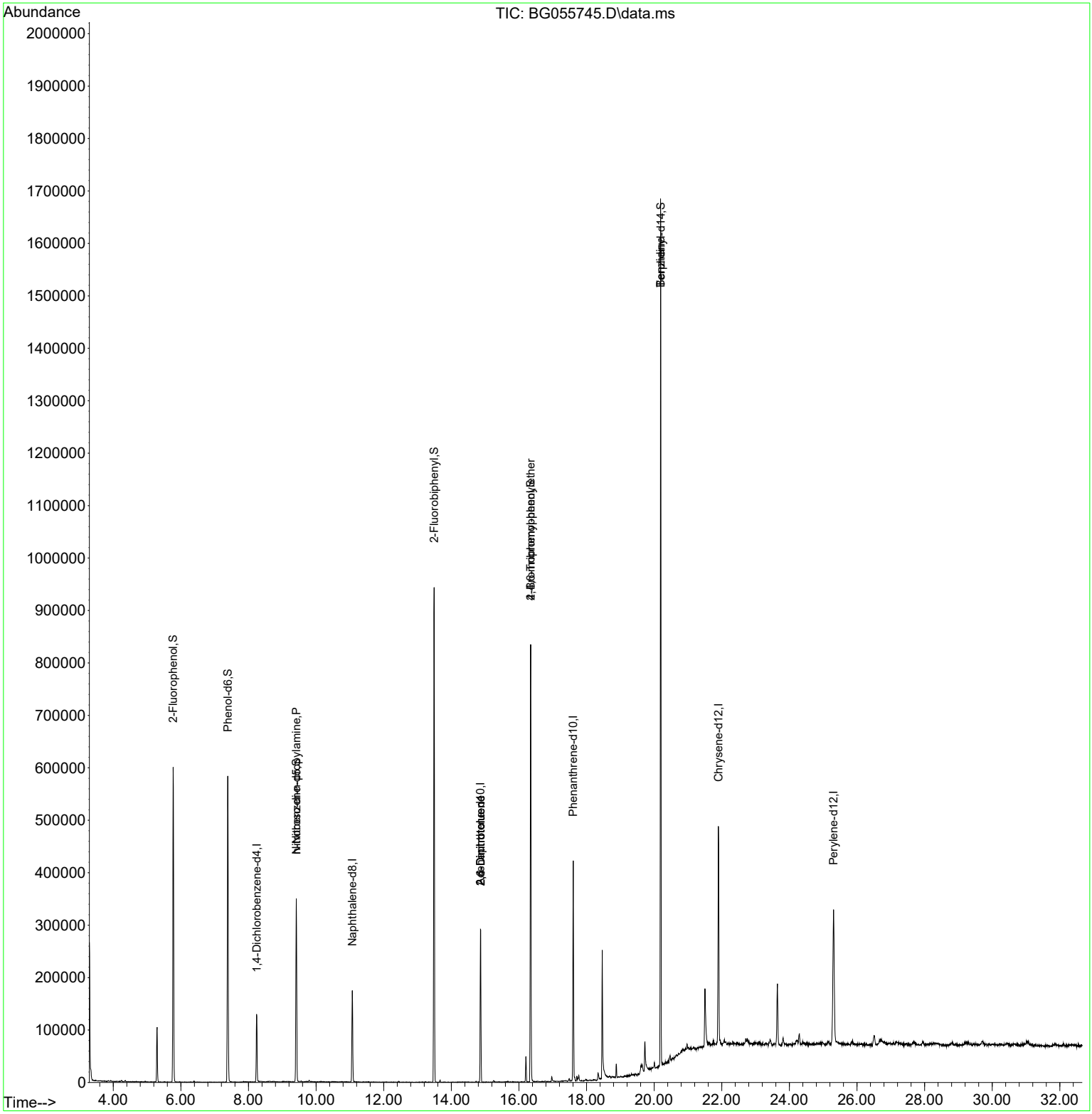
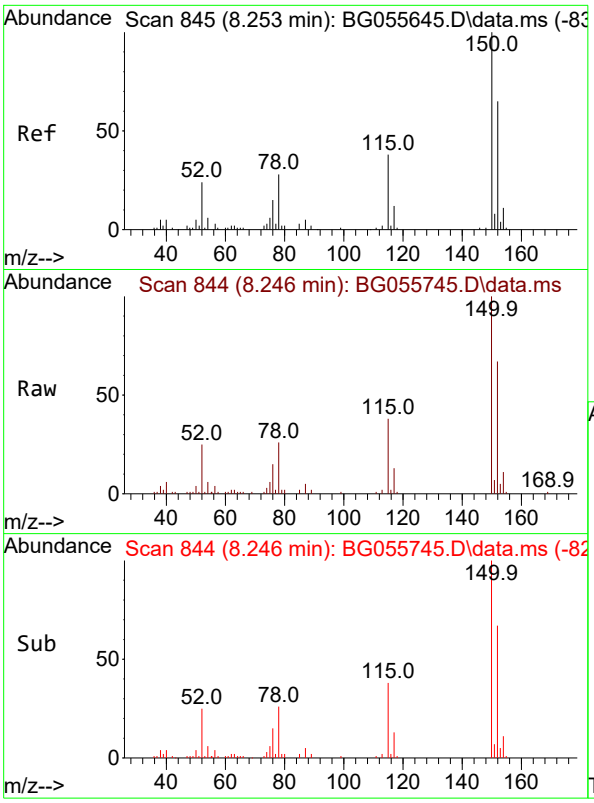


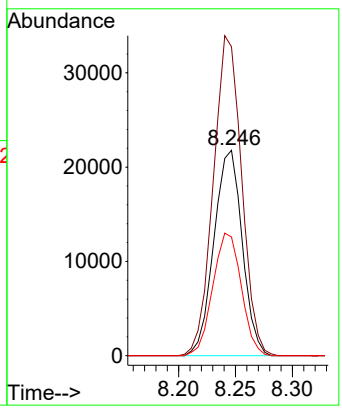


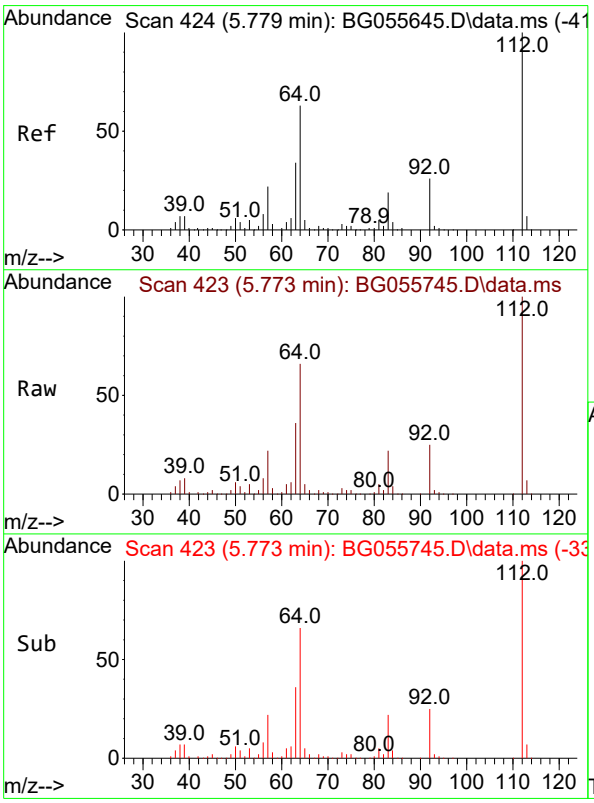
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.246 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Instrument :
BNA_G
ClientSampleId :
MH-83

Tgt Ion:152 Resp: 37737

Ion	Ratio	Lower	Upper
152	100		
150	150.3	123.0	184.6
115	57.8	47.0	70.4

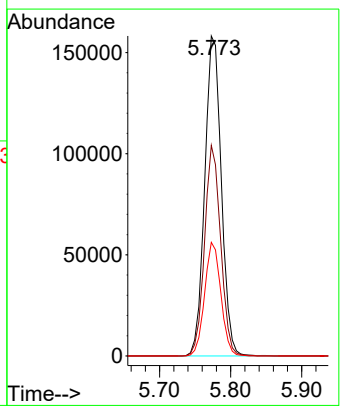


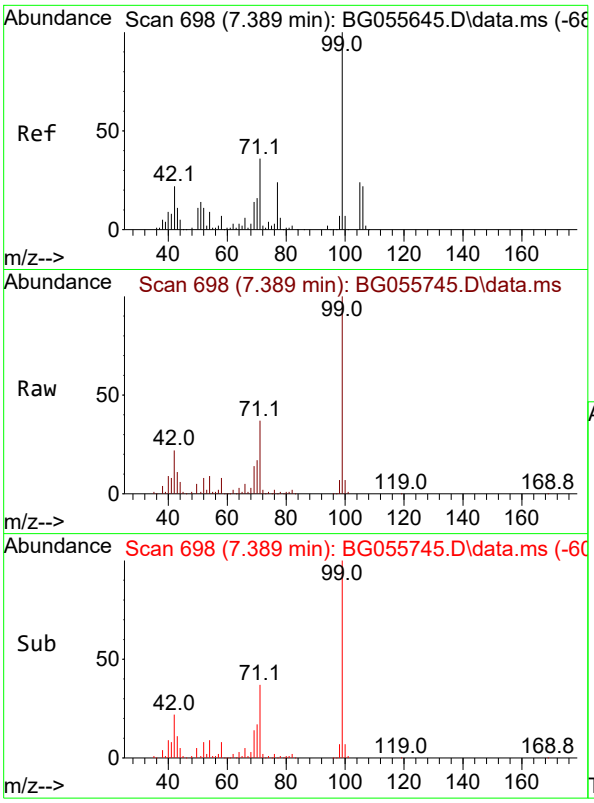


#5
2-Fluorophenol
Concen: 123.144 ng
RT: 5.773 min Scan# 423
Delta R.T. 0.000 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Tgt Ion:112 Resp: 257098

Ion	Ratio	Lower	Upper
112	100		
64	65.8	50.6	76.0
63	35.5	27.5	41.3



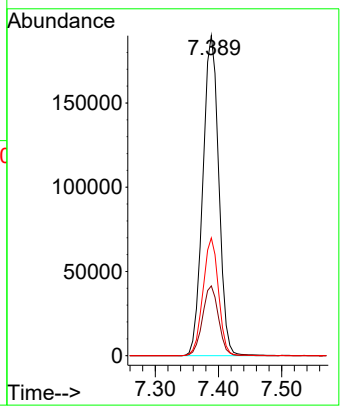


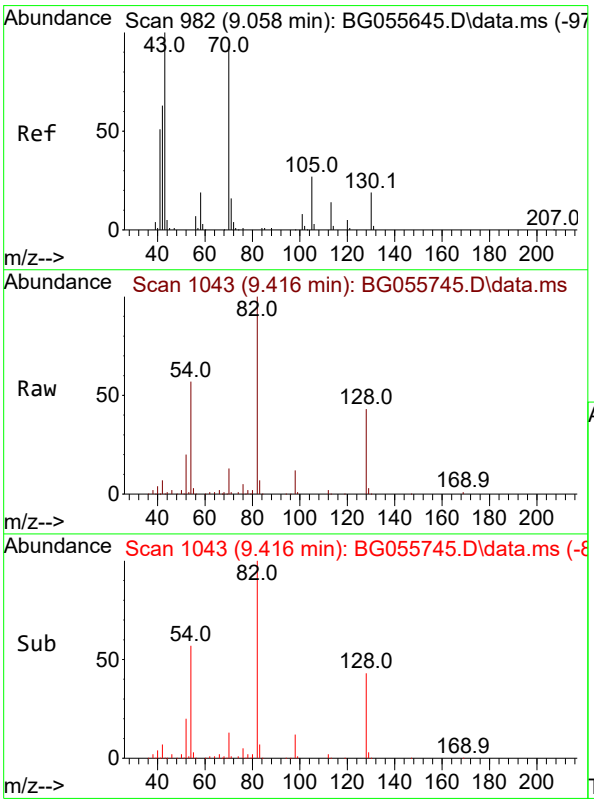
#7
Phenol-d6
Concen: 119.410 ng
RT: 7.389 min Scan# 6
Delta R.T. 0.001 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Instrument :
BNA_G
ClientSampleId :
MH-83

Tgt Ion: 99 Resp: 331861

Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.0	27.0
71	36.8	29.0	43.6

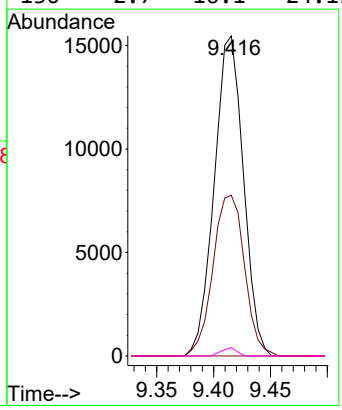


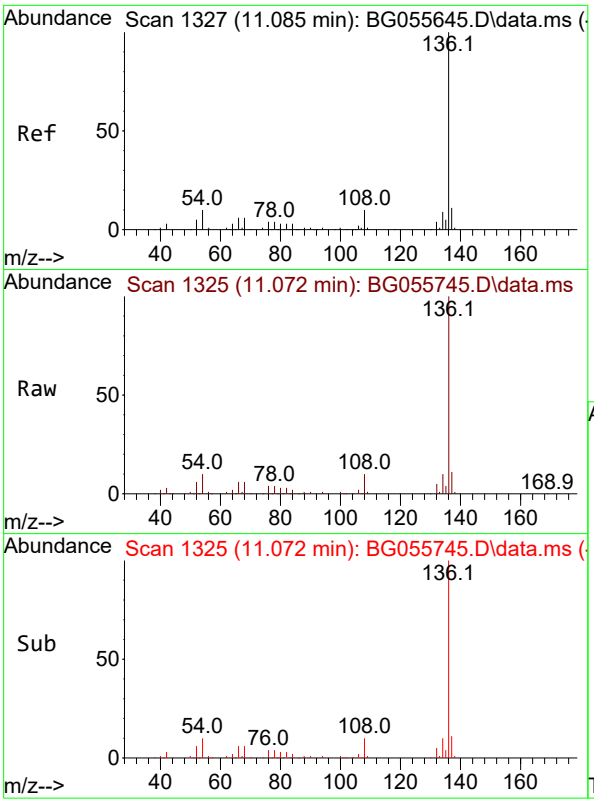


#19
n-Nitroso-di-n-propylamine
Concen: 12.915 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.371 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Tgt Ion: 70 Resp: 27579

Ion	Ratio	Lower	Upper
70	100		
42	50.2	55.2	82.8#
101	0.0	7.1	10.7#
130	2.7	16.1	24.1#



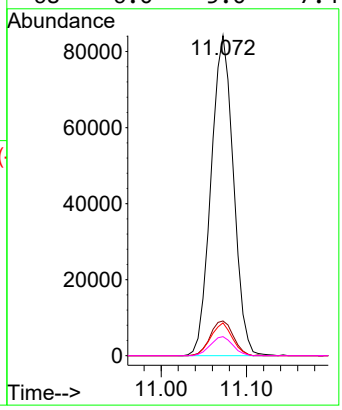


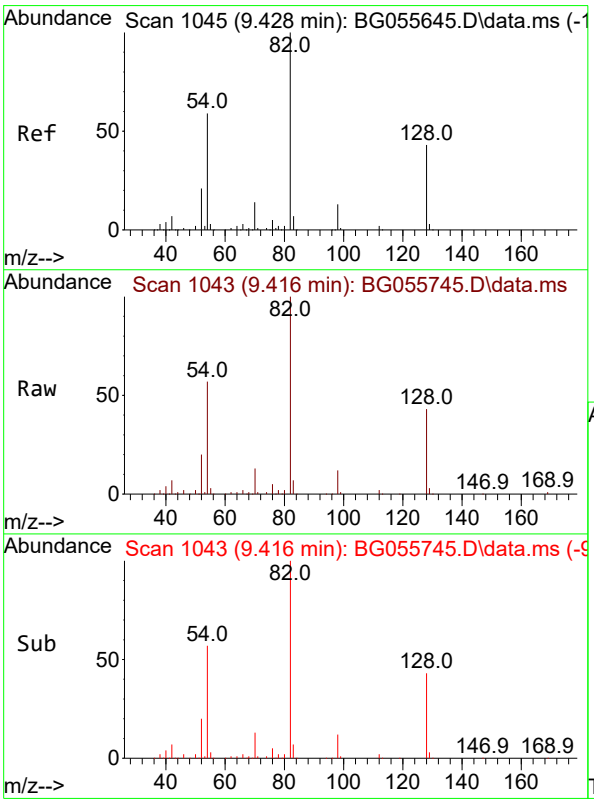
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.072 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Instrument :
BNA_G
ClientSampleId :
MH-83

Tgt Ion:136 Resp: 153956

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	10.2	7.8	11.6
68	6.0	5.0	7.4

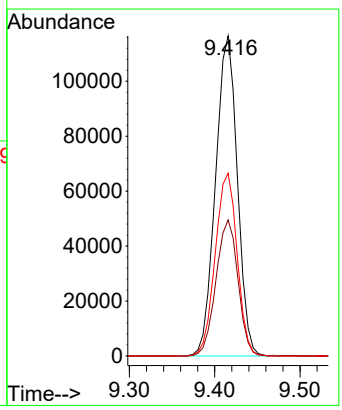


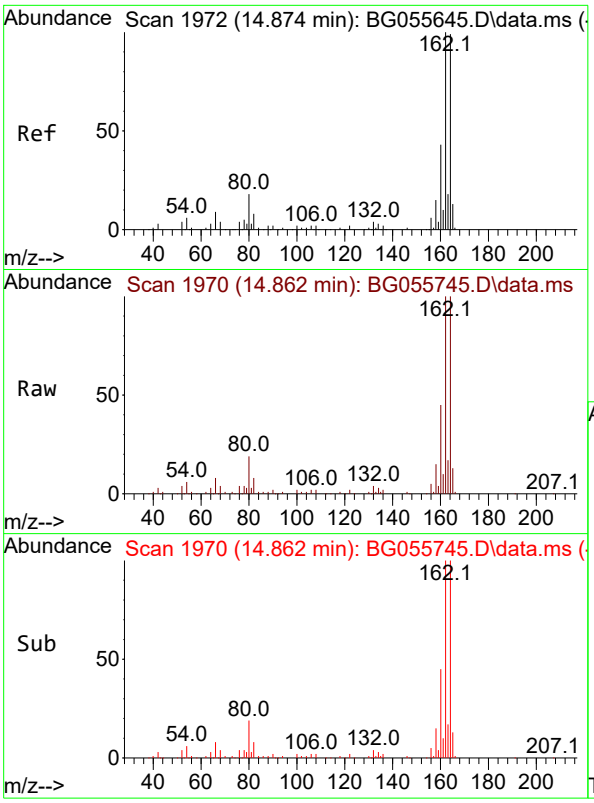


#23
Nitrobenzene-d5
Concen: 71.151 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.001 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Tgt Ion: 82 Resp: 207250

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.1	51.1
54	57.1	47.3	70.9



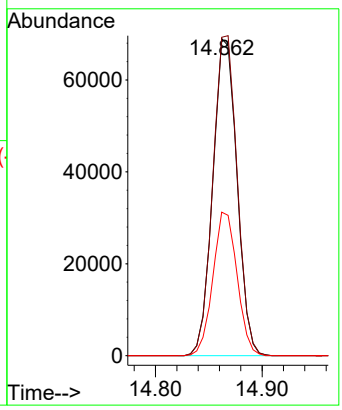


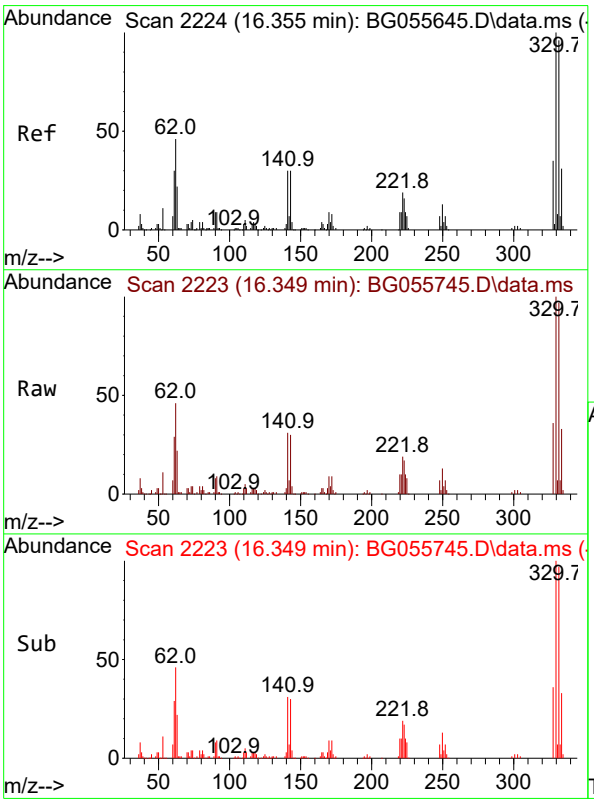
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.862 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Instrument :
BNA_G
ClientSampleId :
MH-83

Tgt Ion:164 Resp: 108534

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.1	121.7
160	45.3	34.8	52.2

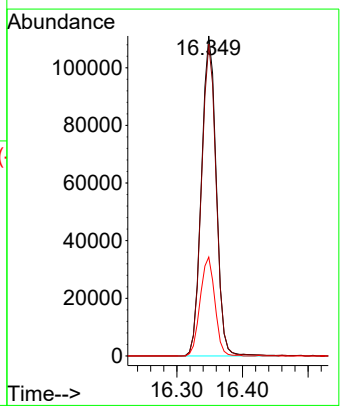


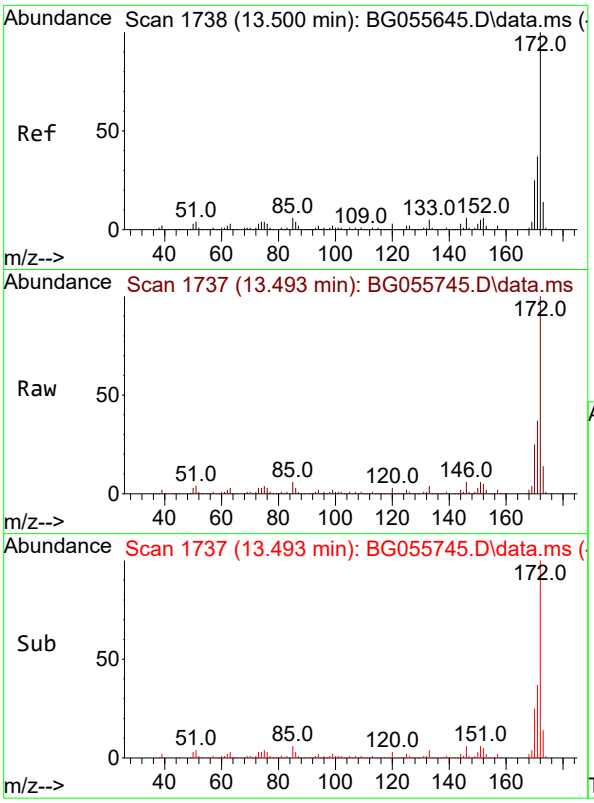


#42
2,4,6-Tribromophenol
Concen: 113.804 ng
RT: 16.349 min Scan# 2223
Delta R.T. 0.000 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Tgt Ion:330 Resp: 173927

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.8	116.8
141	30.7	23.9	35.9



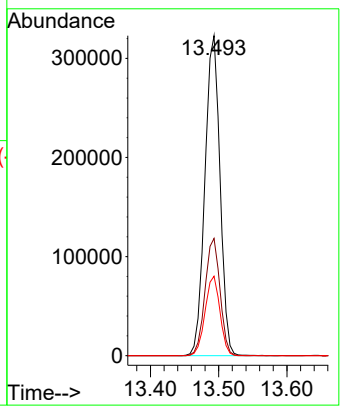


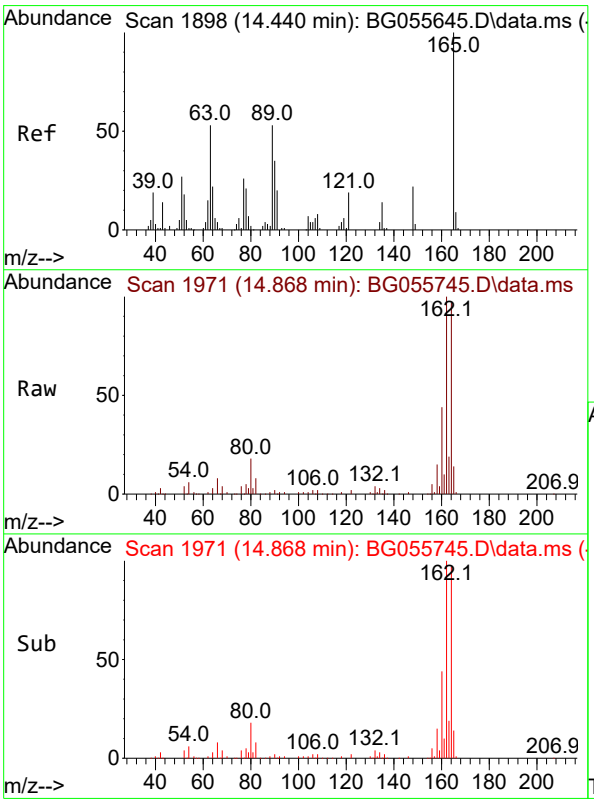
#45
2-Fluorobiphenyl
Concen: 68.583 ng
RT: 13.493 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Instrument :
BNA_G
ClientSampleId :
MH-83

Tgt Ion:172 Resp: 496860

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	24.9	20.2	30.4

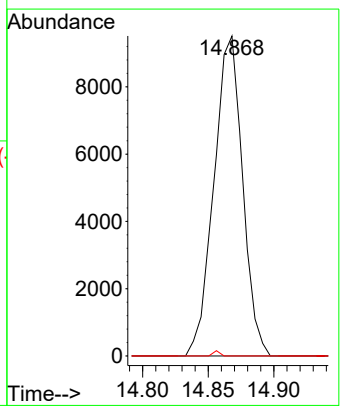


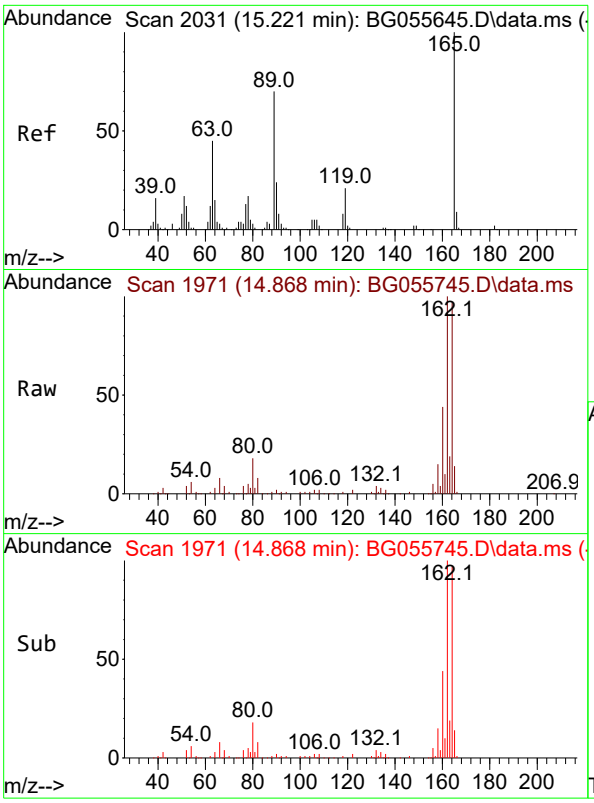


#51
2,6-Dinitrotoluene
Concen: 8.158 ng
RT: 14.868 min Scan# 1971
Delta R.T. 0.435 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Tgt Ion:165 Resp: 14431

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



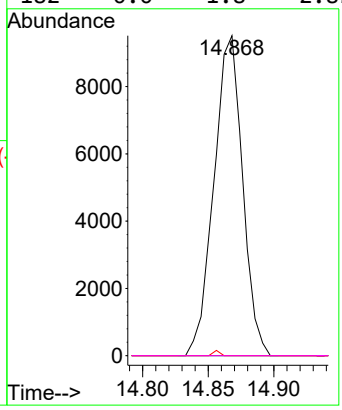


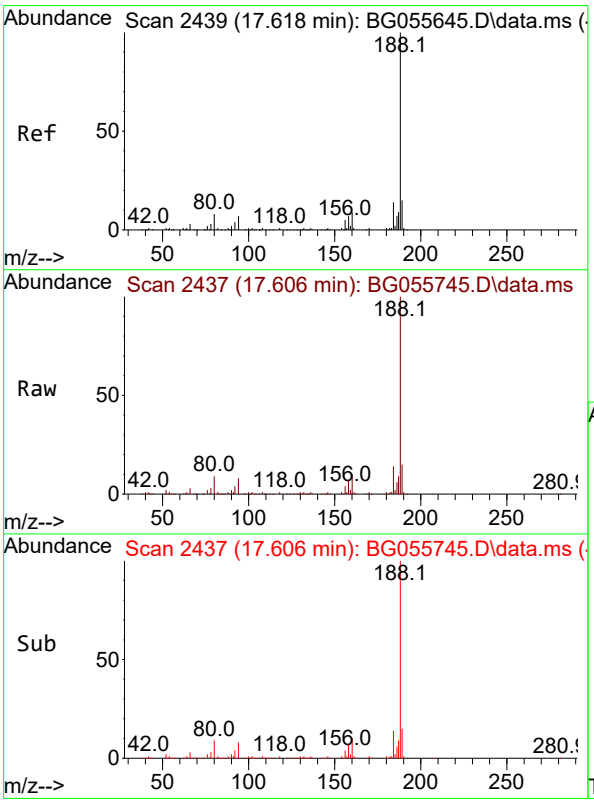
#57
2,4-Dinitrotoluene
Concen: 5.786 ng
RT: 14.868 min Scan# 1
Delta R.T. -0.352 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Instrument :
BNA_G
ClientSampleId :
MH-83

Tgt Ion:165 Resp: 14431

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#

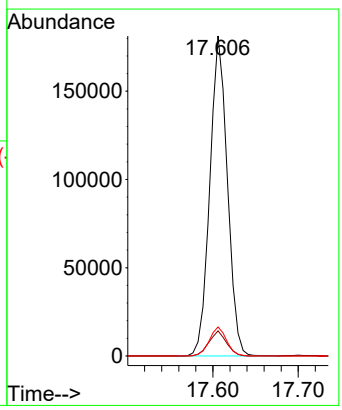


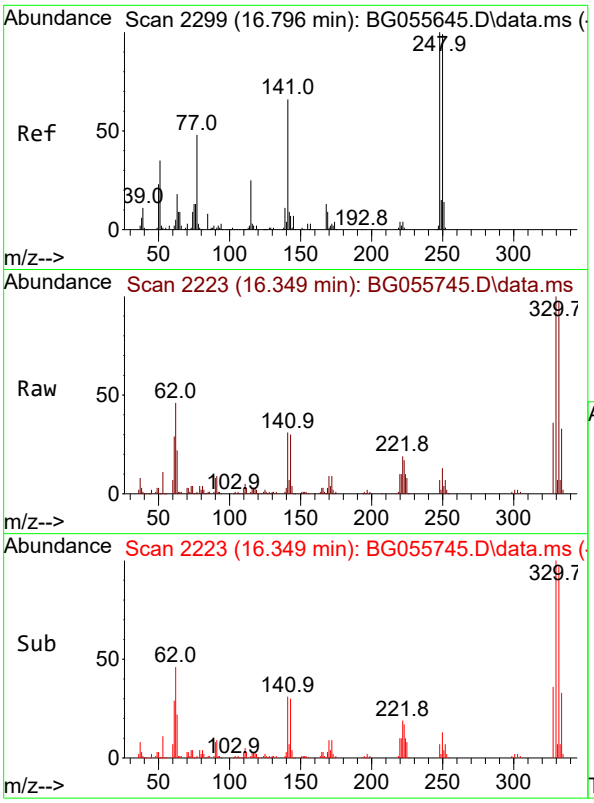


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Tgt Ion:188 Resp: 258936

Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.4	8.2
80	9.0	6.6	10.0



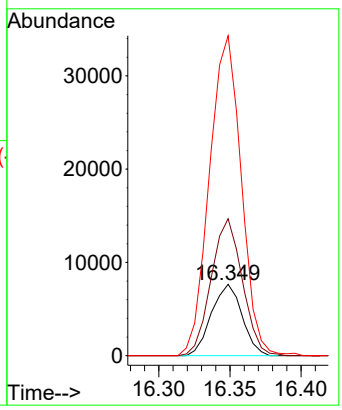


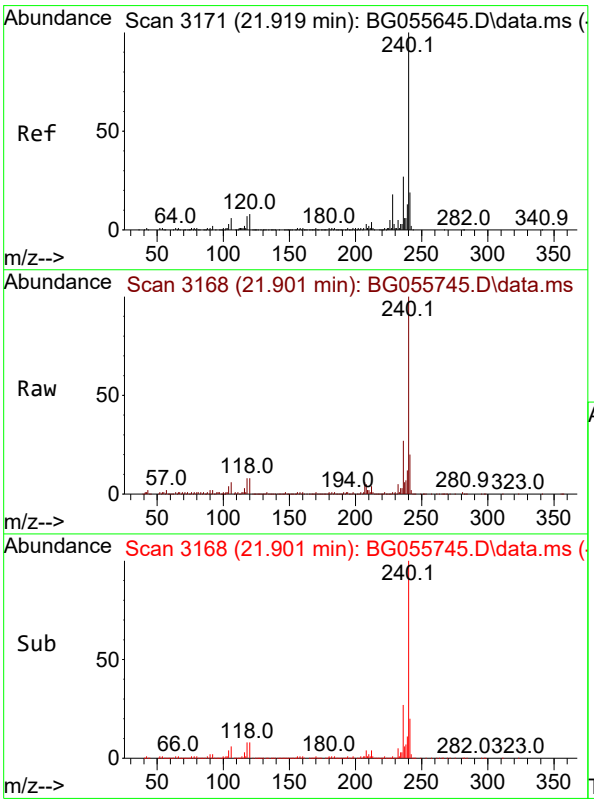
#67
4-Bromophenyl-phenylether
Concen: 3.892 ng
RT: 16.349 min Scan# 2
Delta R.T. -0.440 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Instrument :
BNA_G
ClientSampleId :
MH-83

Tgt Ion:248 Resp: 11482

Ion	Ratio	Lower	Upper
248	100		
250	192.1	79.0	118.4#
141	448.7	52.9	79.3#

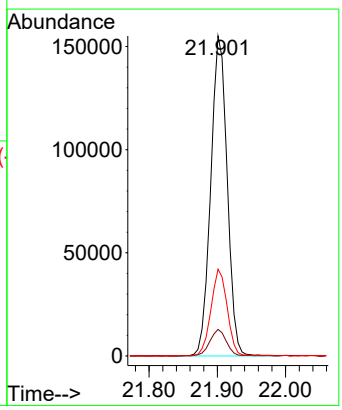


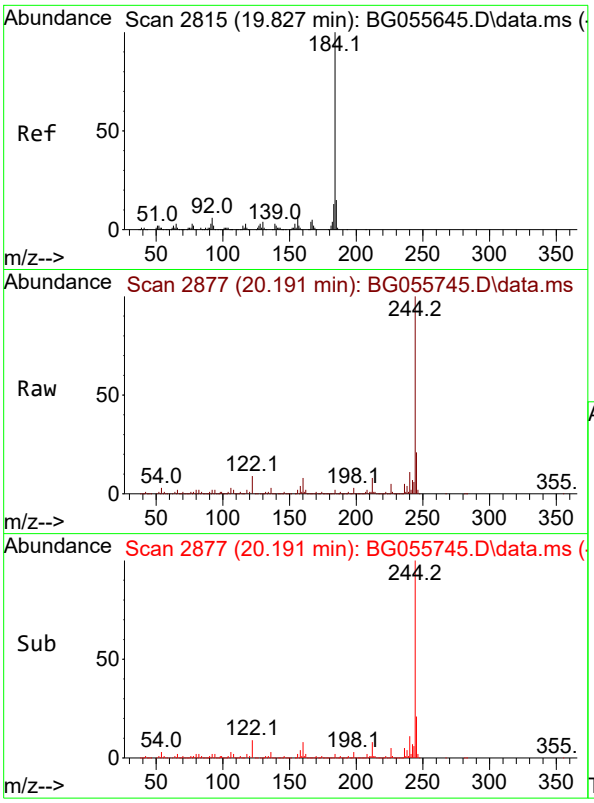


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.901 min Scan# 3168
Delta R.T. -0.005 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Tgt Ion:240 Resp: 260441

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.3	9.5
236	27.1	21.9	32.9



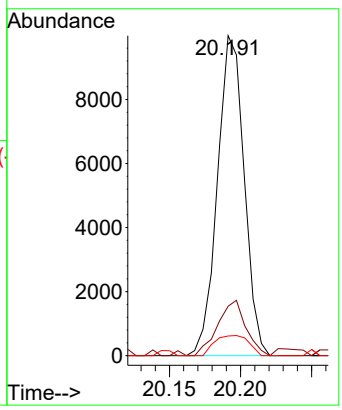


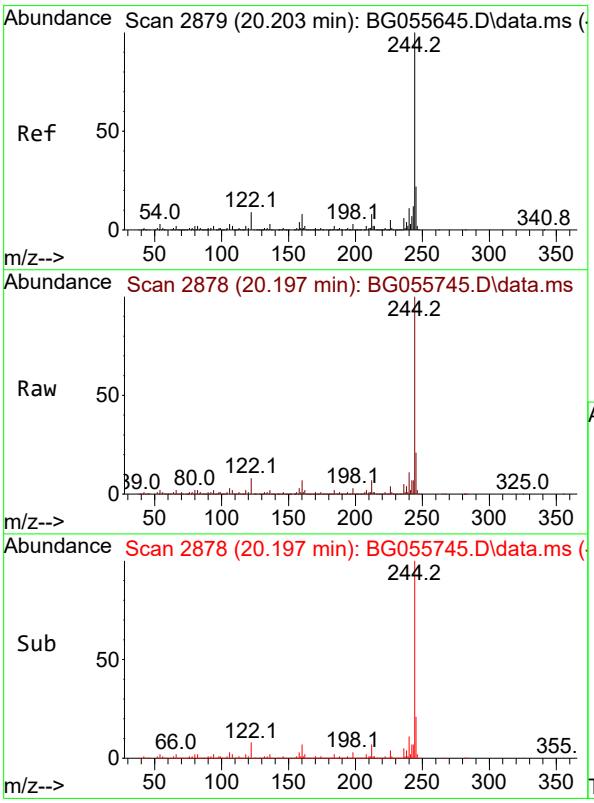
#77
Benzidine
Concen: 2.168 ng
RT: 20.191 min Scan# 2
Delta R.T. 0.377 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Instrument :
BNA_G
ClientSampleId :
MH-83

Tgt Ion:184 Resp: 13065

Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.8	17.8
183	6.1	10.6	15.8#

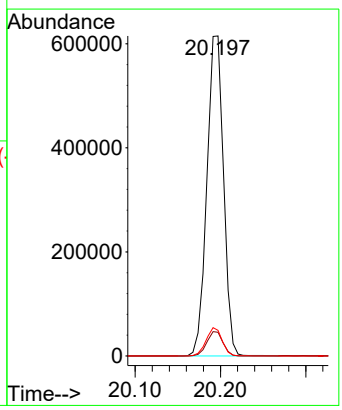


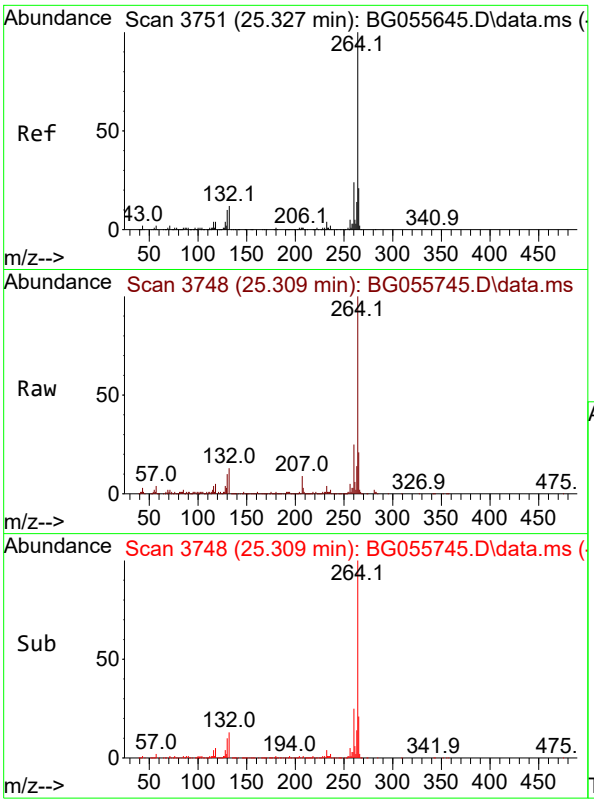


#79
Terphenyl-d14
Concen: 64.068 ng
RT: 20.197 min Scan# 2878
Delta R.T. 0.006 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Tgt Ion:244 Resp: 834244

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	8.0	6.9	10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.309 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Instrument :
BNA_G
ClientSampleId :
MH-83

Tgt Ion:264 Resp: 273784

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	21.2	17.1	25.7