Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
Data File : BG055344.D
Acq On : 28 Oct 2022 16:33
Operator : CG/JU
Sample : PB148503BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB148503BL

Quant Time: Oct 29 04:54:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	28008	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	117615	20.000	ng	0.00
39) Acenaphthene-d10	14.881	164	81856	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	208663	20.000	ng	0.00
76) Chrysene-d12	21.884	240	208576	20.000	ng	0.00
86) Perylene-d12	25.280	264	219925	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	217269	135.830	ng	0.00
7) Phenol-d6	7.407	99	287034	123.860	ng	0.00
23) Nitrobenzene-d5	9.440	82	174689	75.842	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	137499	154.520	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	425518	85.085	ng	0.00
79) Terphenyl-d14	20.186	244	874807	87.142	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.440	70	22998	11.951	ng	# 81
51) 2,6-Dinitrotoluene	14.881	165	10588	8.096	ng	# 21
57) 2,4-Dinitrotoluene	14.881	165	10588	5.579	ng	# 19
67) 4-Bromophenyl-phenylether	16.361	248	8889	4.385	ng	# 1
77) Benzidine	20.186	184	12925	2.559	ng	# 89

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

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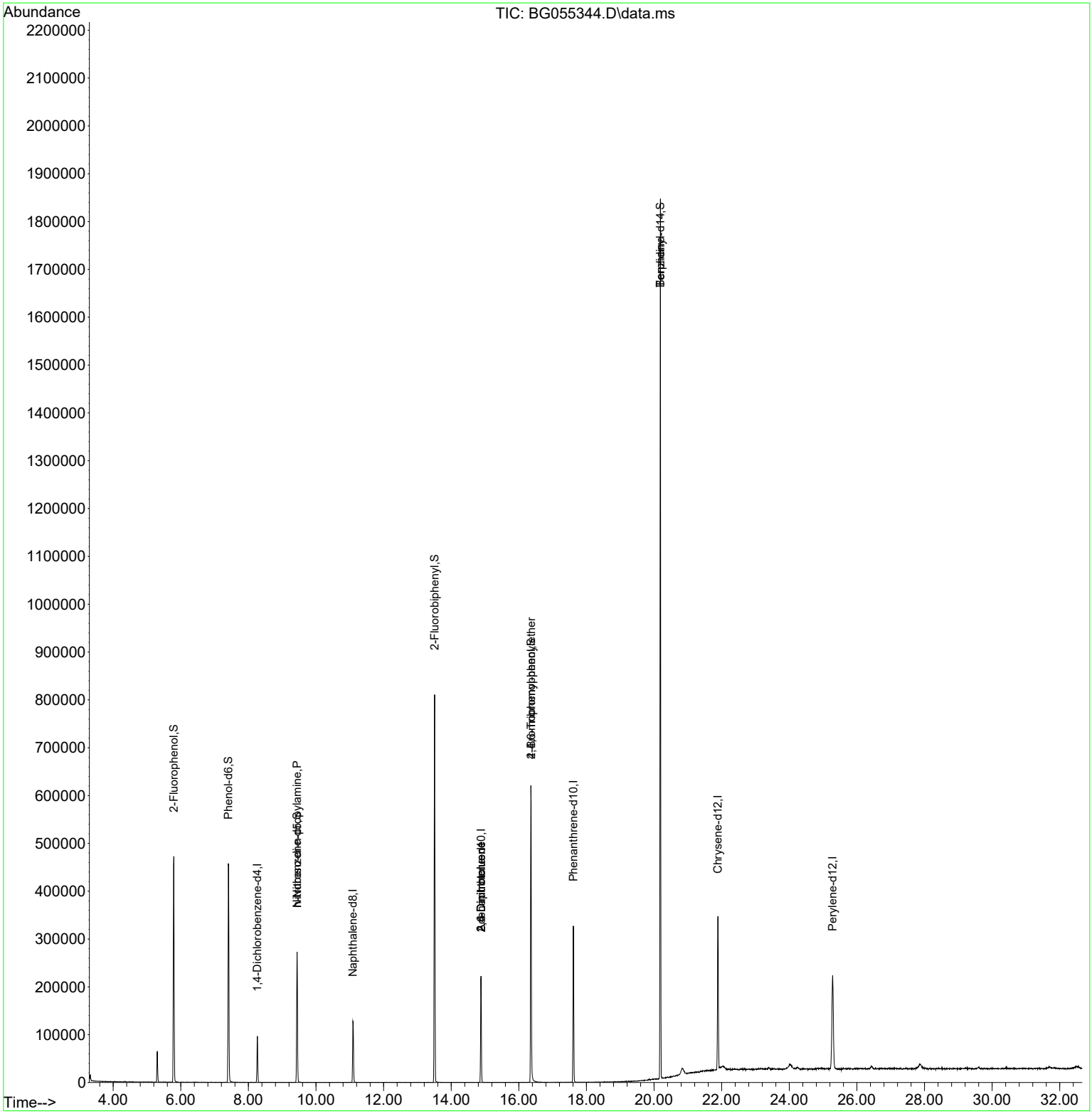
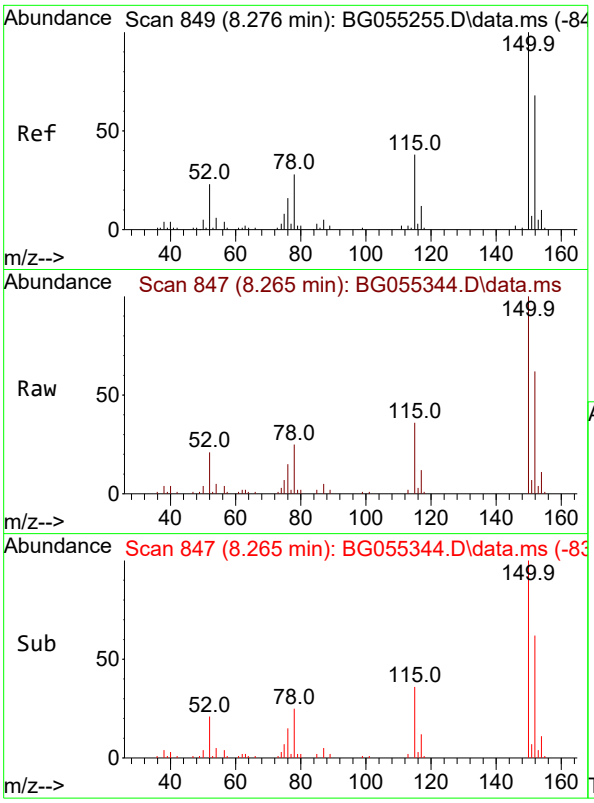


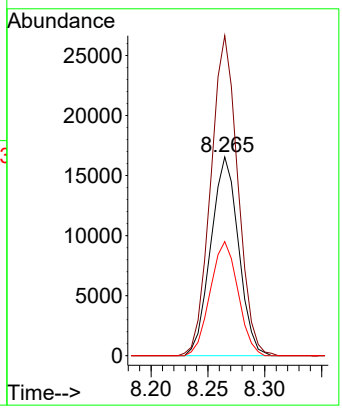


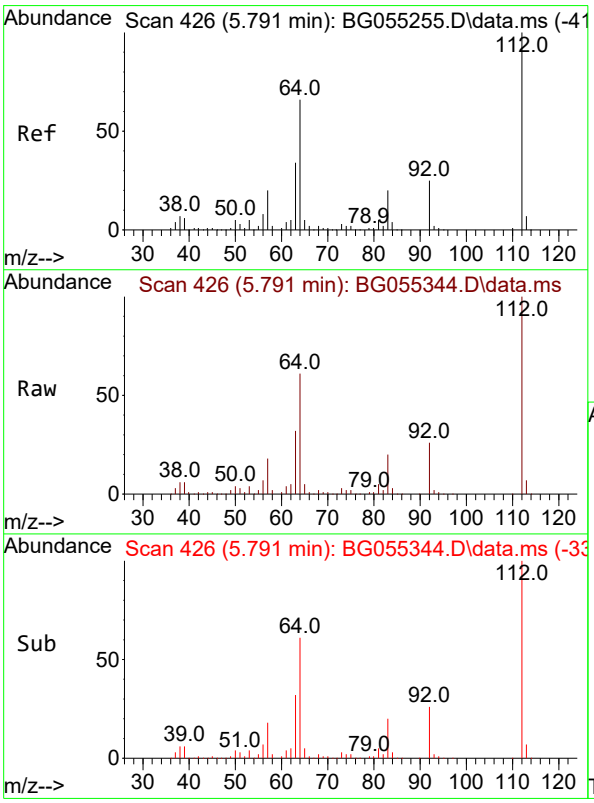
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055344.D
Acq: 28 Oct 2022 16:33

Instrument :
BNA_G
ClientSampleId :
PB148503BL

Tgt Ion:152 Resp: 28008

Ion	Ratio	Lower	Upper
152	100		
150	161.1	118.2	177.4
115	57.4	44.5	66.7

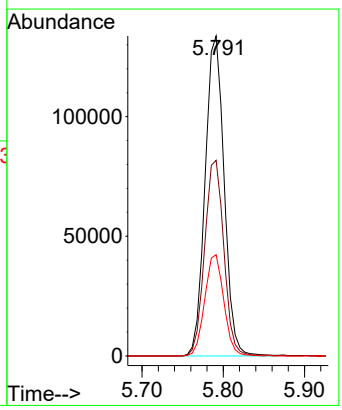


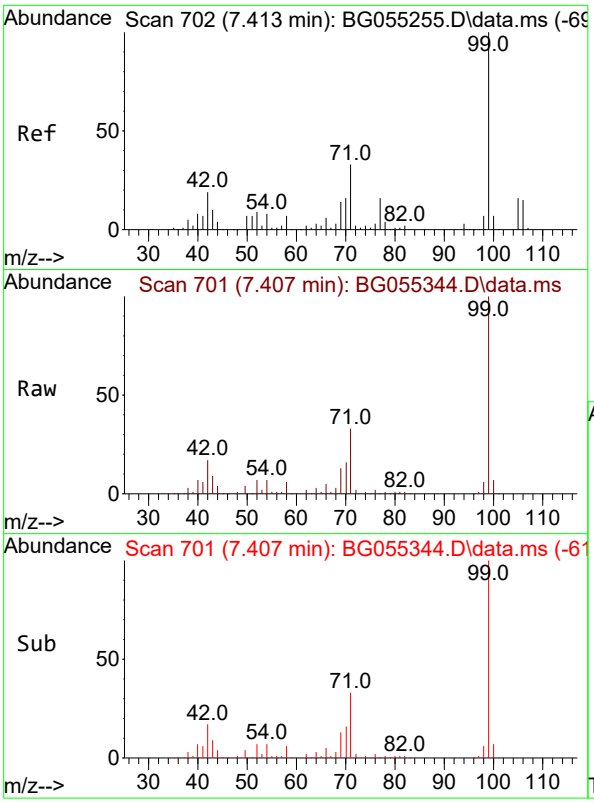


#5
2-Fluorophenol
Concen: 135.830 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.006 min
Lab File: BG055344.D
Acq: 28 Oct 2022 16:33

Tgt Ion:112 Resp: 217269

Ion	Ratio	Lower	Upper
112	100		
64	61.1	52.6	78.8
63	31.7	27.1	40.7



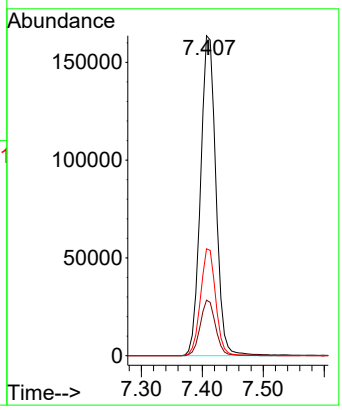


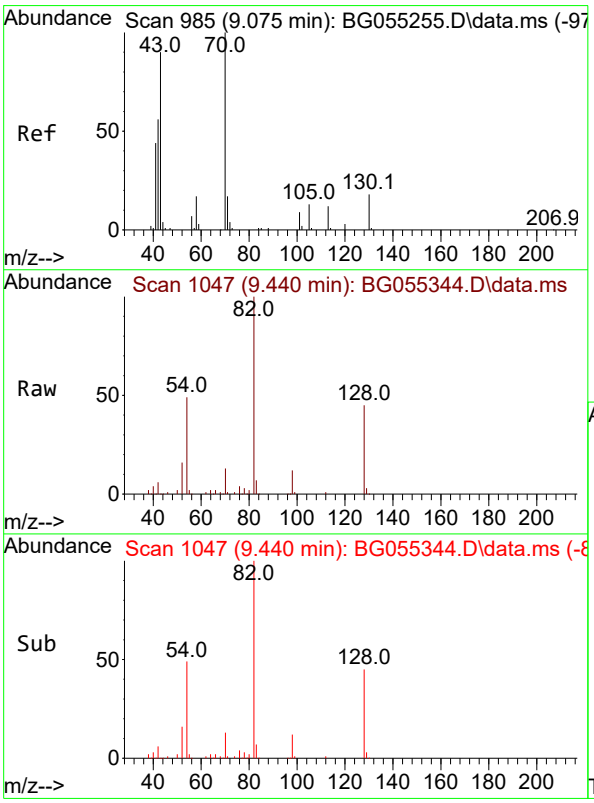
#7
Phenol-d6
Concen: 123.860 ng
RT: 7.407 min Scan# 7(
Delta R.T. -0.006 min
Lab File: BG055344.D
Acq: 28 Oct 2022 16:33

Instrument :
BNA_G
ClientSampleId :
PB148503BL

Tgt Ion: 99 Resp: 287034

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.2	22.8
71	33.4	26.2	39.4

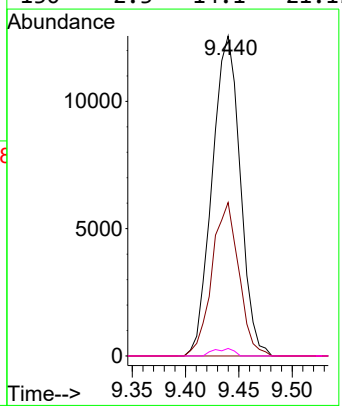


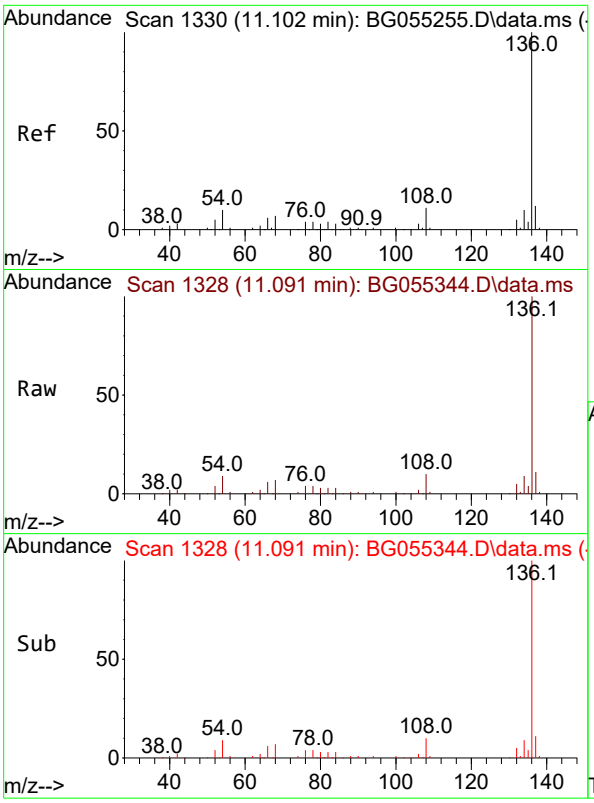


#19
n-Nitroso-di-n-propylamine
Concen: 11.951 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.370 min
Lab File: BG055344.D
Acq: 28 Oct 2022 16:33

Tgt Ion: 70 Resp: 22998

Ion	Ratio	Lower	Upper
70	100		
42	47.9	45.8	68.6
101	0.0	7.4	11.0#
130	2.3	14.1	21.1#



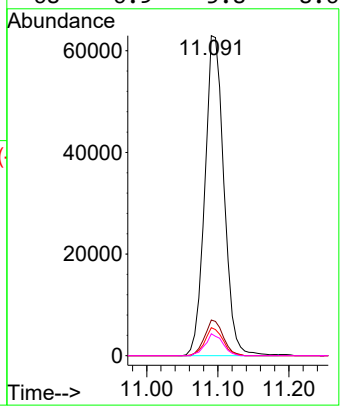


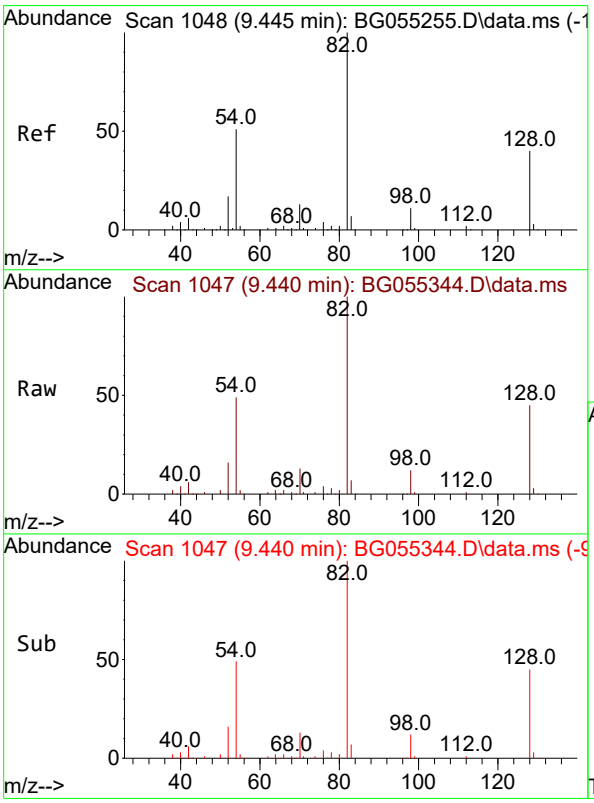
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055344.D
Acq: 28 Oct 2022 16:33

Instrument :
BNA_G
ClientSampleId :
PB148503BL

Tgt Ion:136 Resp: 117615

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.7	7.8	11.8
68	6.9	5.8	8.6

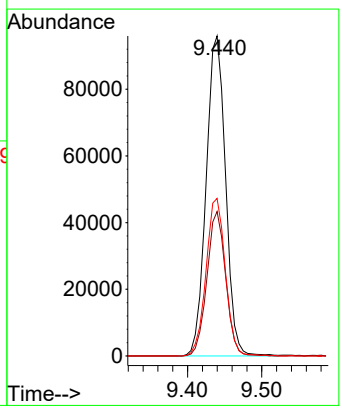


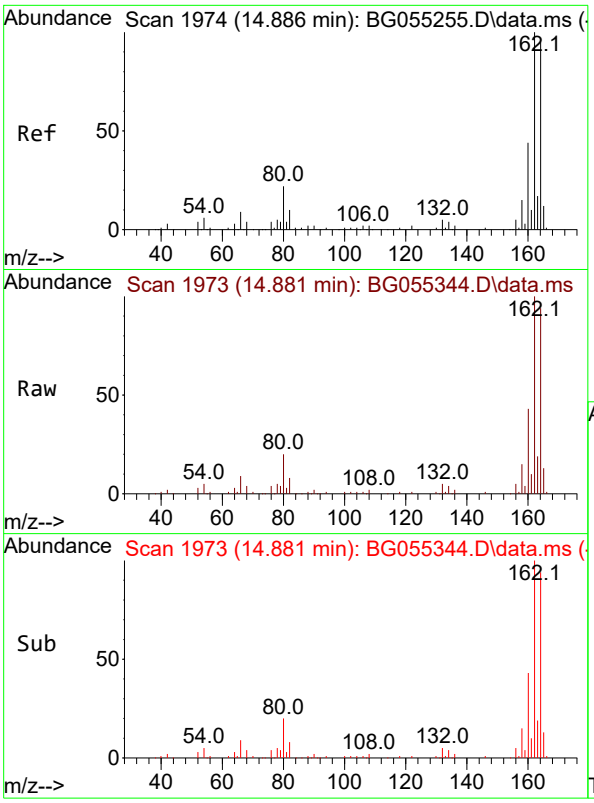


#23
Nitrobenzene-d5
Concen: 75.842 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BG055344.D
Acq: 28 Oct 2022 16:33

Tgt Ion: 82 Resp: 174689

Ion	Ratio	Lower	Upper
82	100		
128	45.1	32.0	48.0
54	49.3	40.9	61.3



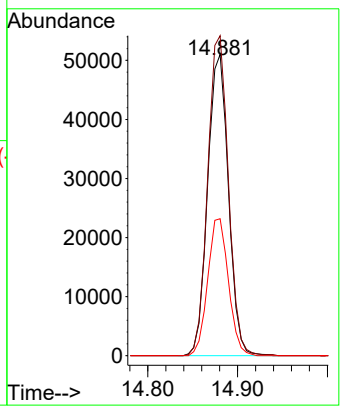


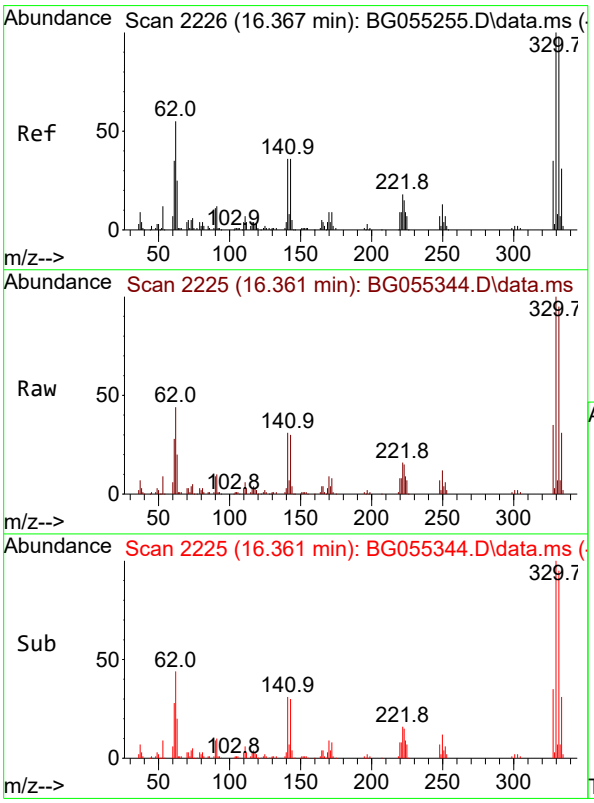
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.881 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055344.D
Acq: 28 Oct 2022 16:33

Instrument :
BNA_G
ClientSampleId :
PB148503BL

Tgt Ion:164 Resp: 81856

Ion	Ratio	Lower	Upper
164	100		
162	106.2	84.0	126.0
160	45.5	36.7	55.1

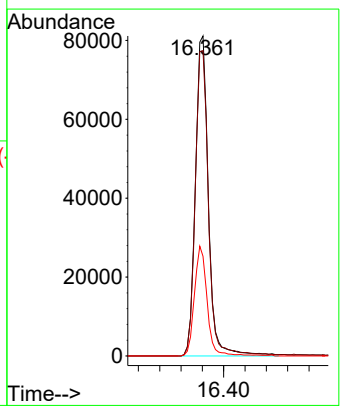


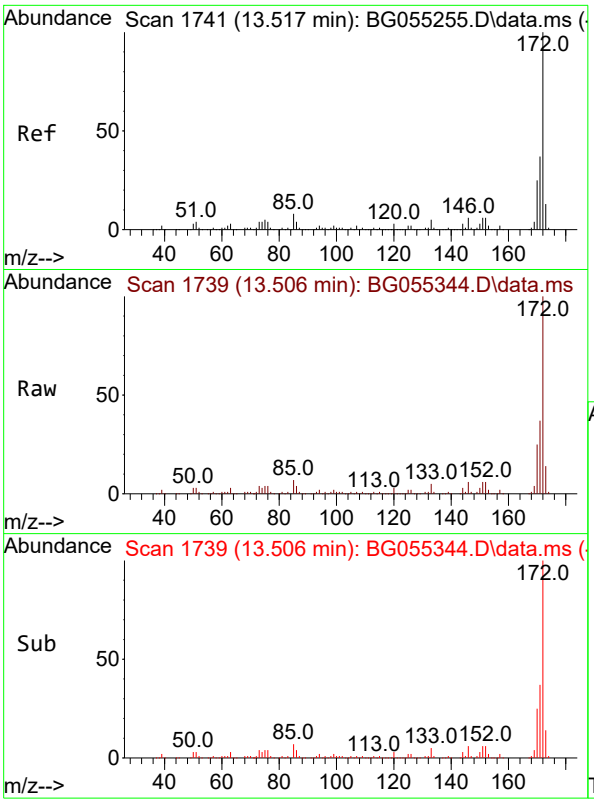


#42
2,4,6-Tribromophenol
Concen: 154.520 ng
RT: 16.361 min Scan# 2225
Delta R.T. -0.000 min
Lab File: BG055344.D
Acq: 28 Oct 2022 16:33

Tgt Ion:330 Resp: 137499

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.0
141	33.5	29.8	44.8



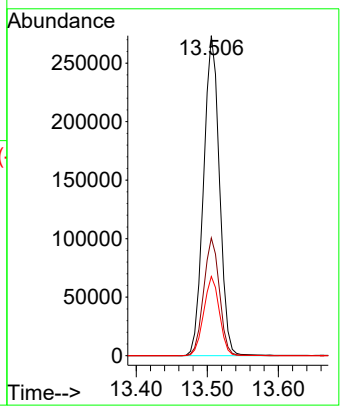


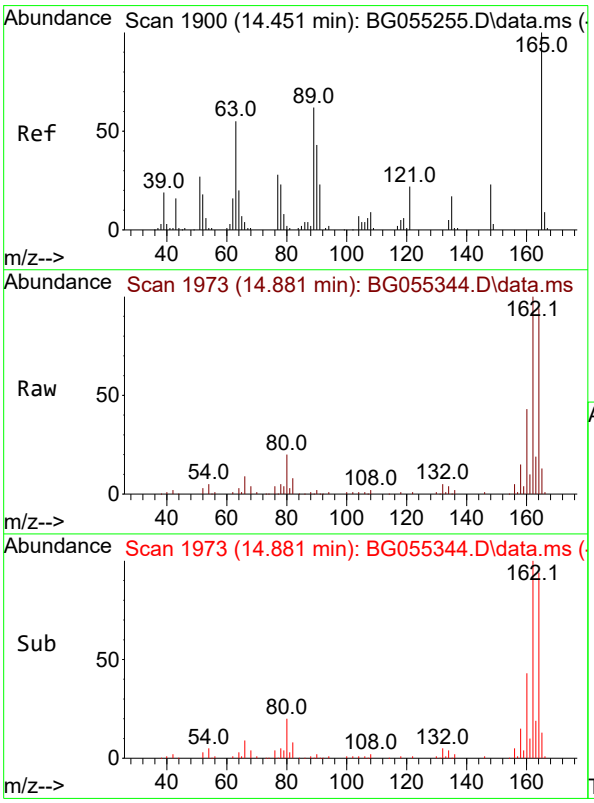
#45
2-Fluorobiphenyl
Concen: 85.085 ng
RT: 13.506 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055344.D
Acq: 28 Oct 2022 16:33

Instrument :
BNA_G
ClientSampleId :
PB148503BL

Tgt Ion:172 Resp: 425518

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	20.2	30.2

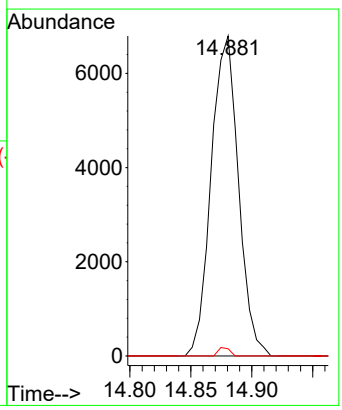


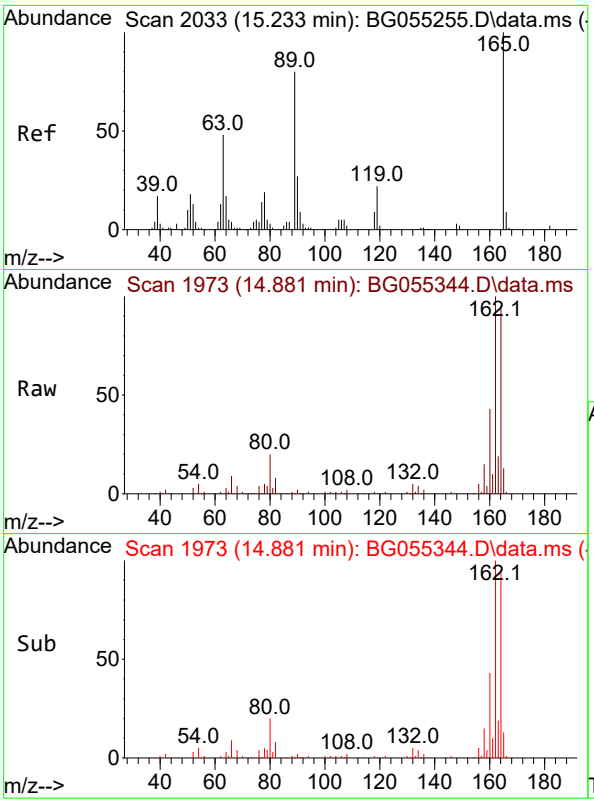


#51
2,6-Dinitrotoluene
Concen: 8.096 ng
RT: 14.881 min Scan# 1973
Delta R.T. 0.429 min
Lab File: BG055344.D
Acq: 28 Oct 2022 16:33

Tgt Ion:165 Resp: 10588

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.2	73.8#
89	2.3	49.9	74.9#



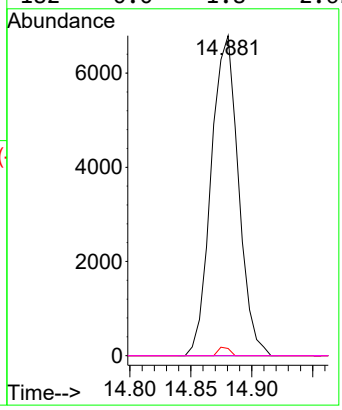


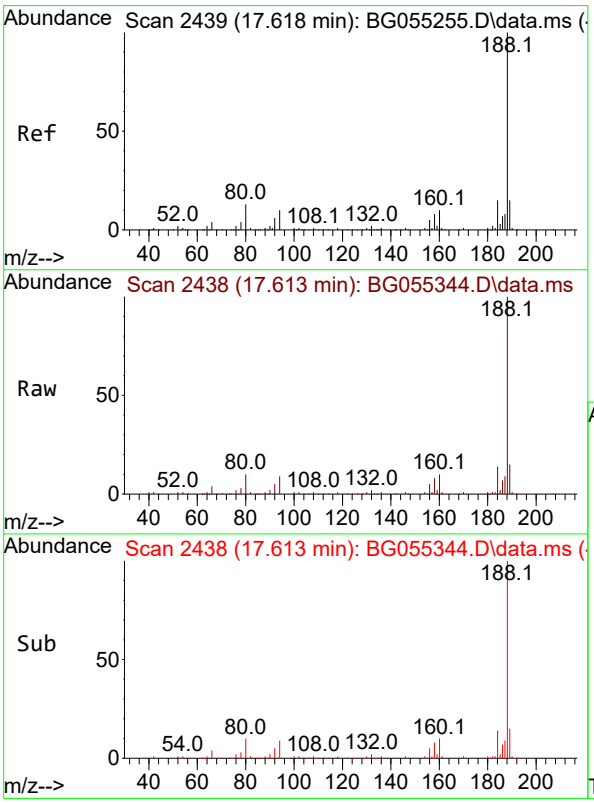
#57
2,4-Dinitrotoluene
Concen: 5.579 ng
RT: 14.881 min Scan# 1
Delta R.T. -0.353 min
Lab File: BG055344.D
Acq: 28 Oct 2022 16:33

Instrument :
BNA_G
ClientSampleId :
PB148503BL

Tgt Ion:165 Resp: 10588

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.9	58.3#
89	2.3	64.2	96.4#
182	0.0	1.8	2.6#

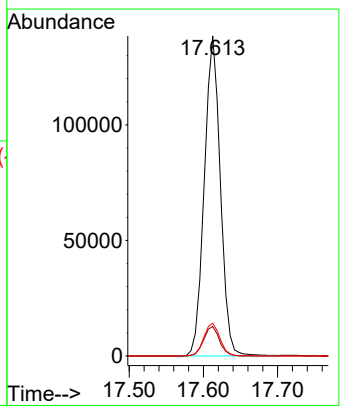


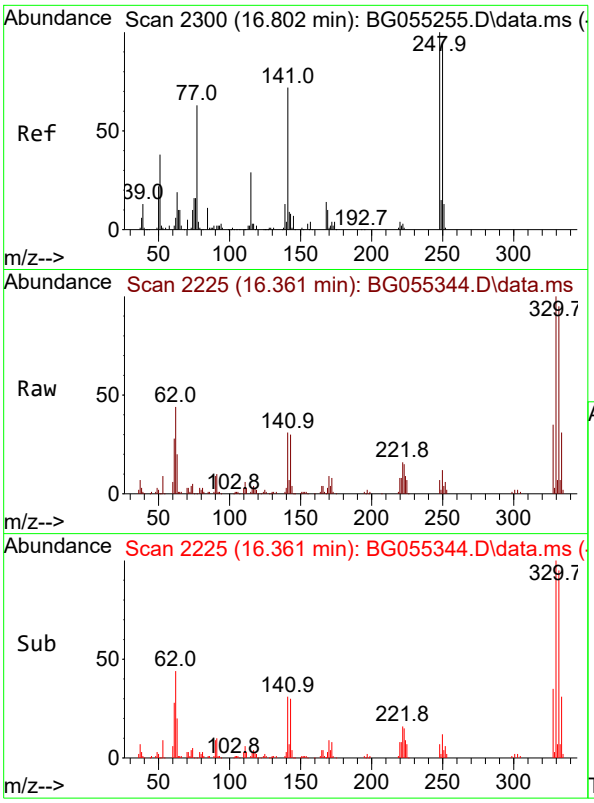


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BG055344.D
Acq: 28 Oct 2022 16:33

Tgt Ion:188 Resp: 208663

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.4
80	10.2	10.1	15.1



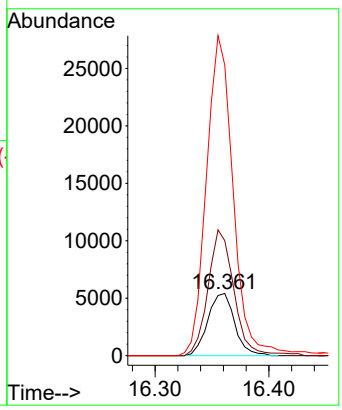


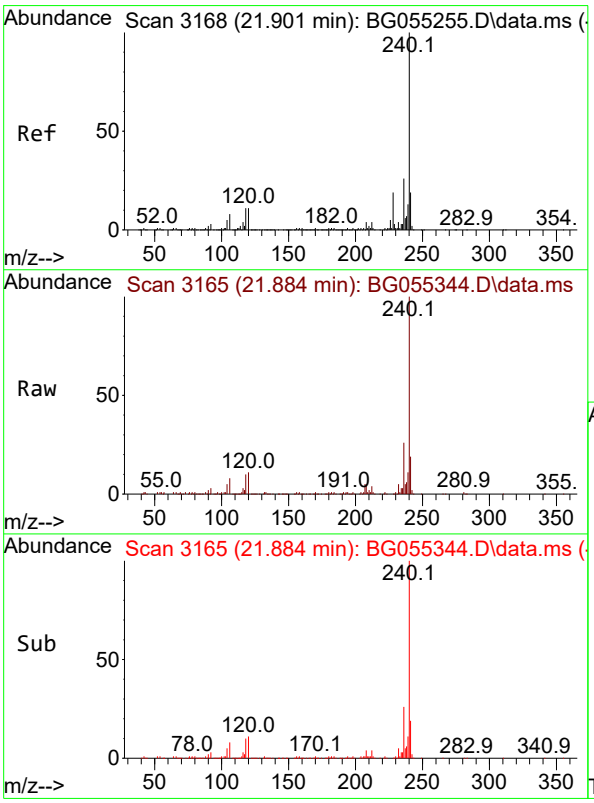
#67
4-Bromophenyl-phenylether
Concen: 4.385 ng
RT: 16.361 min Scan# 2
Delta R.T. -0.435 min
Lab File: BG055344.D
Acq: 28 Oct 2022 16:33

Instrument :
BNA_G
ClientSampleId :
PB148503BL

Tgt Ion:248 Resp: 8889

Ion	Ratio	Lower	Upper
248	100		
250	185.2	76.0	114.0#
141	467.5	58.0	87.0#

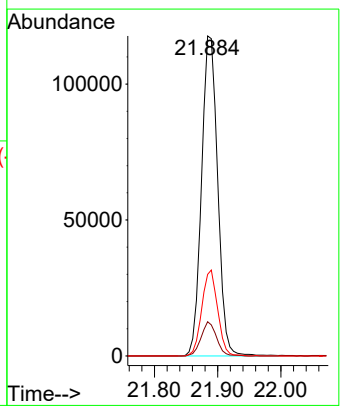


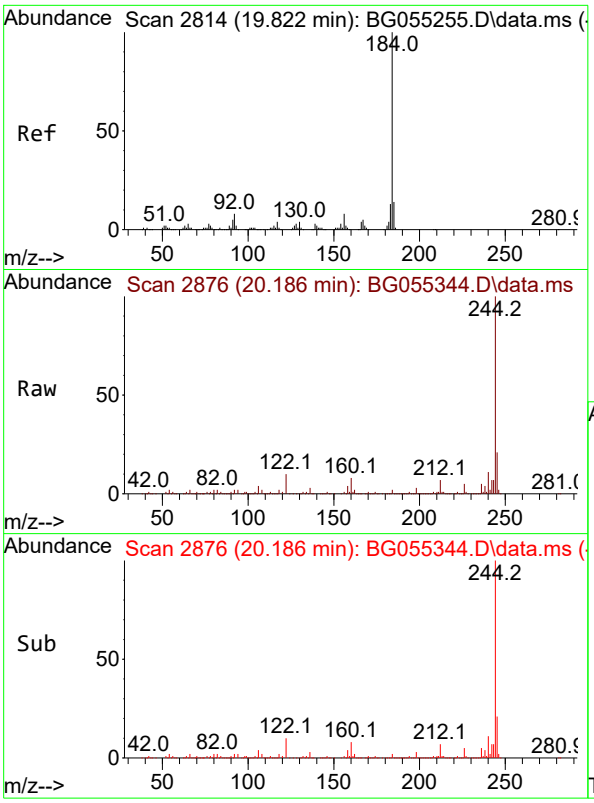


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055344.D
Acq: 28 Oct 2022 16:33

Tgt Ion:240 Resp: 208576

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.5	21.0	31.4



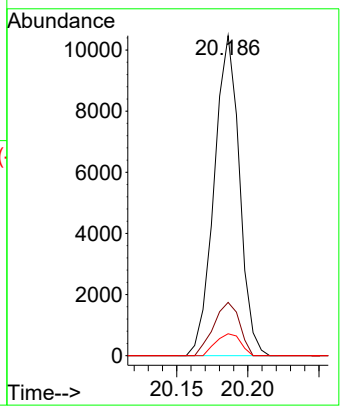


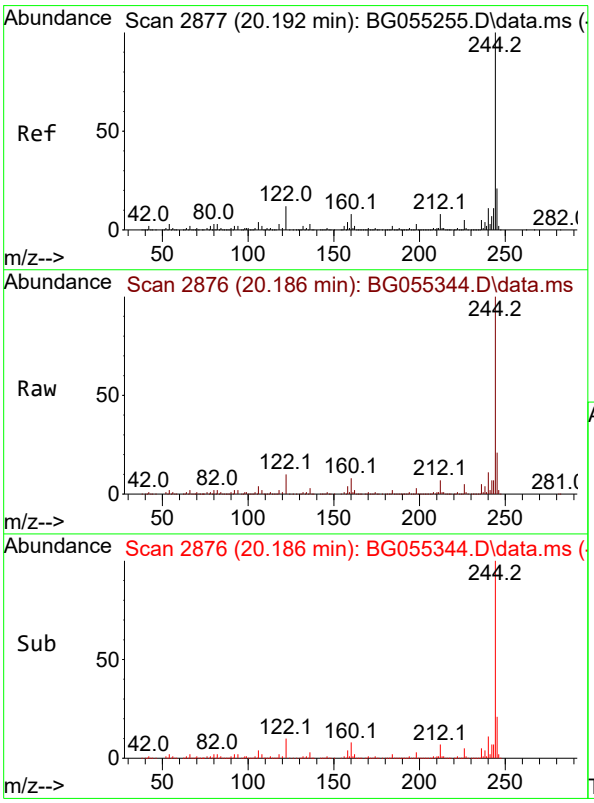
#77
Benzidine
Concen: 2.559 ng
RT: 20.186 min Scan# 2
Delta R.T. 0.370 min
Lab File: BG055344.D
Acq: 28 Oct 2022 16:33

Instrument :
BNA_G
ClientSampleId :
PB148503BL

Tgt Ion:184 Resp: 12925

Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.0	16.6#
183	6.8	10.0	15.0#

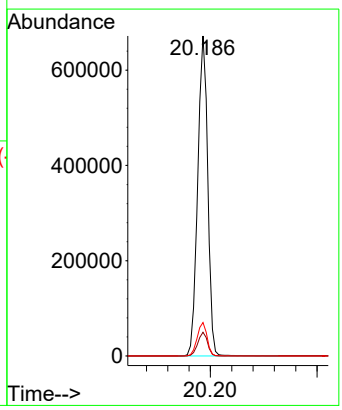


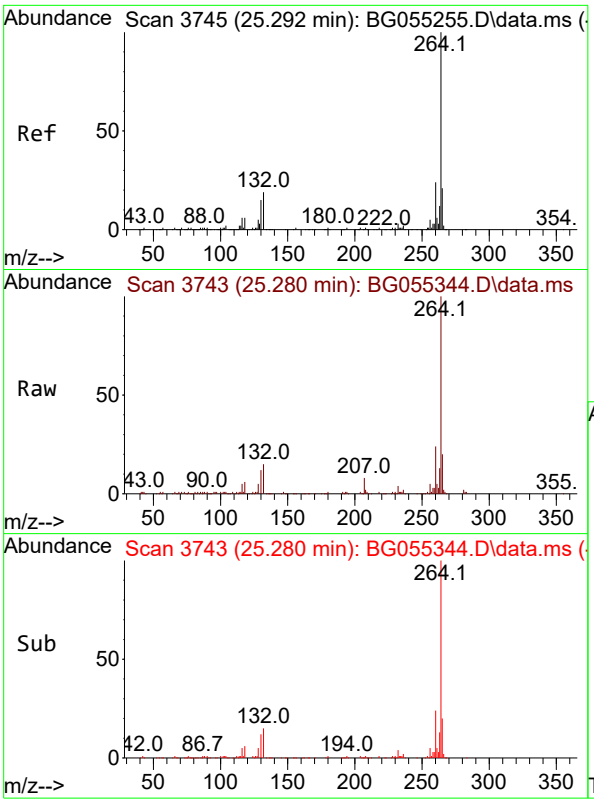


#79
Terphenyl-d14
Concen: 87.142 ng
RT: 20.186 min Scan# 2876
Delta R.T. -0.000 min
Lab File: BG055344.D
Acq: 28 Oct 2022 16:33

Tgt Ion:244 Resp: 874807

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.4	9.6	14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.280 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG055344.D
Acq: 28 Oct 2022 16:33

Instrument :
BNA_G
ClientSampleId :
PB148503BL

Tgt Ion:264 Resp: 219925

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.5	17.4	26.2