Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
Data File : BG055464.D
Acq On : 4 Nov 2022 22:00
Operator : CG/JU
Sample : N5418-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-L

Quant Time: Nov 05 00:05:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 05:28:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	25196	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	100951	20.000	ng	0.00
39) Acenaphthene-d10	14.844	164	69964	20.000	ng	-0.01
64) Phenanthrene-d10	17.582	188	181695	20.000	ng	0.00
76) Chrysene-d12	21.853	240	197856	20.000	ng	0.00
86) Perylene-d12	25.220	264	208230	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.760	112	212922	151.760	ng	0.00
7) Phenol-d6	7.382	99	255877	131.514	ng	0.00
23) Nitrobenzene-d5	9.409	82	178289	94.124	ng	0.00
42) 2,4,6-Tribromophenol	16.330	330	163792	171.631	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	454919	96.405	ng	0.00
79) Terphenyl-d14	20.155	244	966356	94.974	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.409	70	23860	15.694	ng	# 78
51) 2,6-Dinitrotoluene	14.844	165	9146	7.481	ng	# 27
57) 2,4-Dinitrotoluene	14.844	165	9146	5.232	ng	# 25
67) 4-Bromophenyl-phenylether	16.330	248	9607	4.473	ng	# 1
77) Benzidine	20.155	184	14146	3.434	ng	# 92

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

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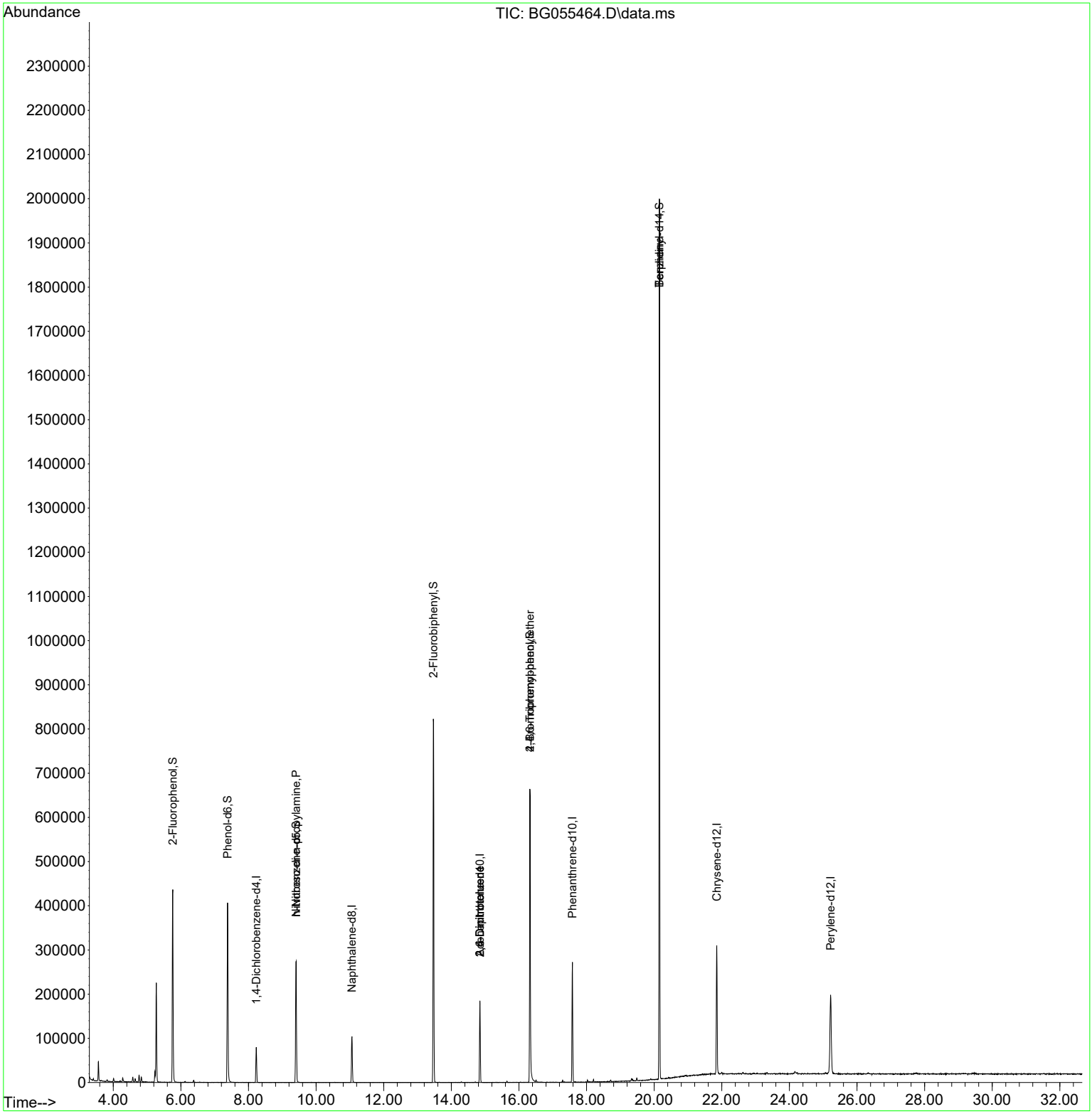
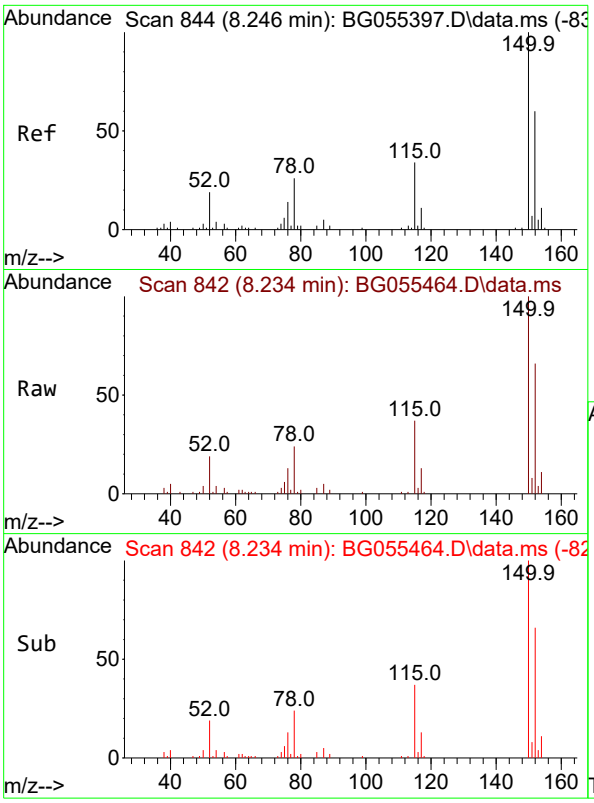


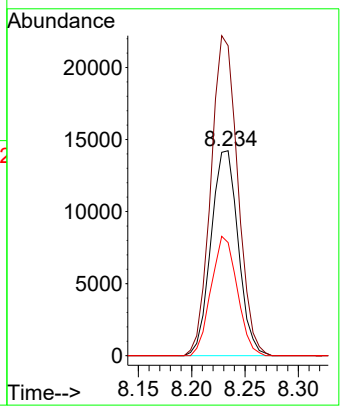


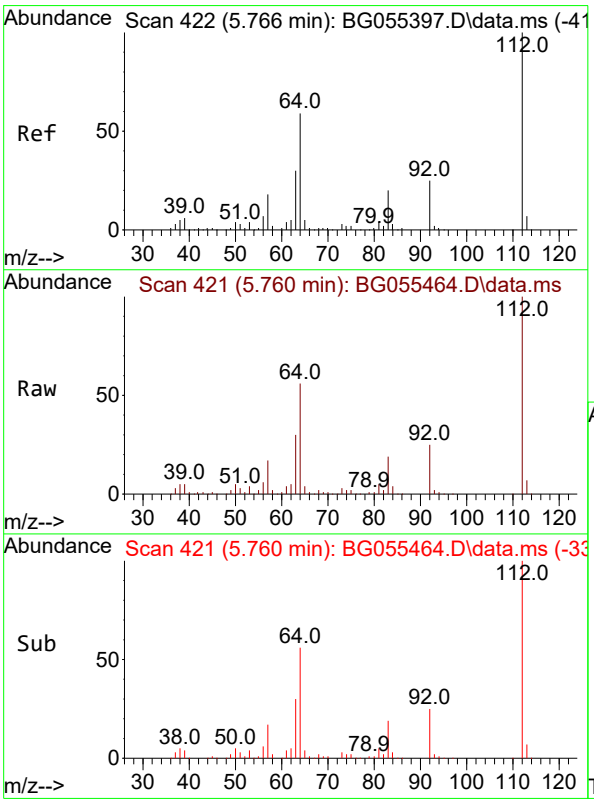
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.234 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Instrument :
BNA_G
ClientSampleId :
TP-L

Tgt Ion:152 Resp: 25196

Ion	Ratio	Lower	Upper
152	100		
150	151.2	132.8	199.2
115	55.2	45.1	67.7

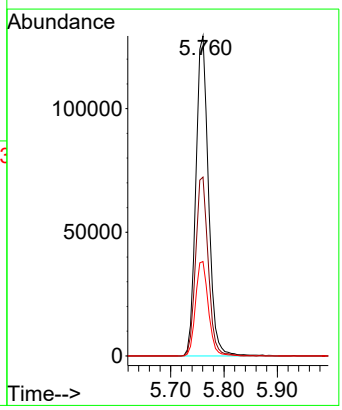


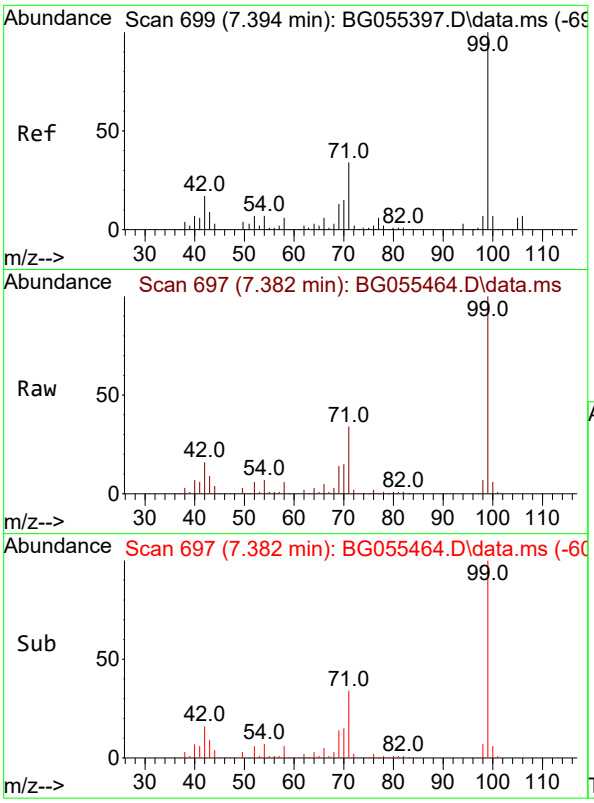


#5
2-Fluorophenol
Concen: 151.760 ng
RT: 5.760 min Scan# 421
Delta R.T. -0.002 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Tgt Ion:112 Resp: 212922

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.2	70.8
63	29.5	24.3	36.5



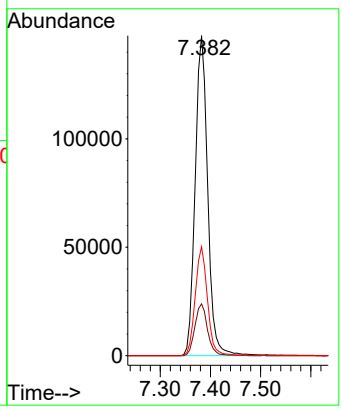


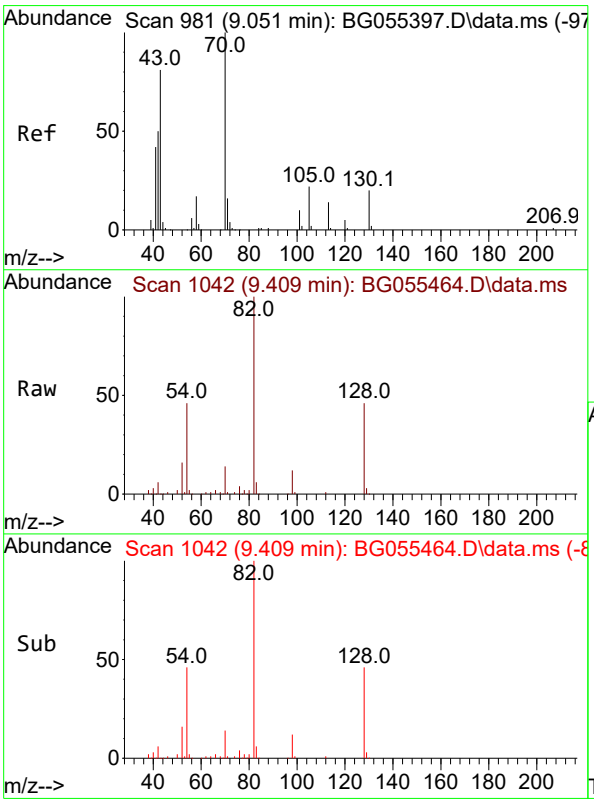
#7
Phenol-d6
Concen: 131.514 ng
RT: 7.382 min Scan# 6
Delta R.T. -0.002 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Instrument :
BNA_G
ClientSampleId :
TP-L

Tgt Ion: 99 Resp: 255877

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	34.0	27.4	41.0

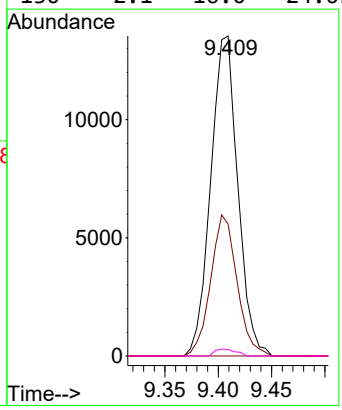


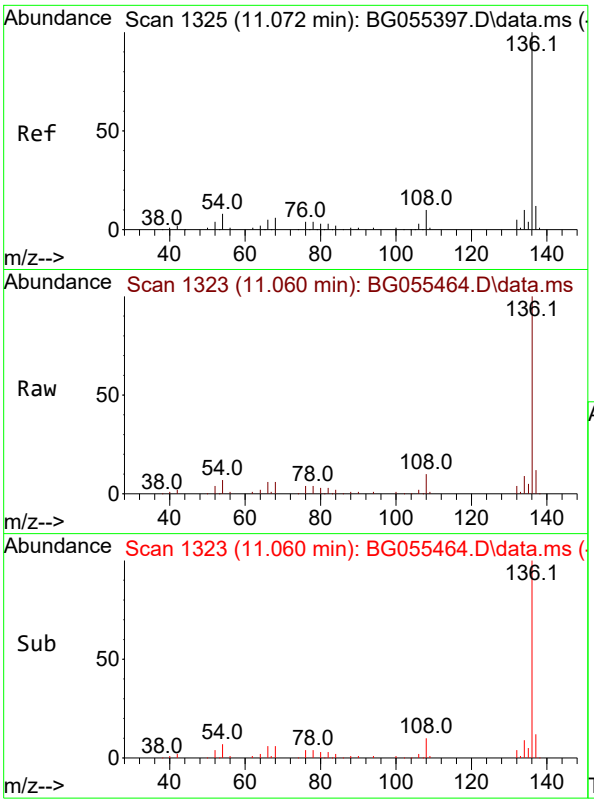


#19
n-Nitroso-di-n-propylamine
Concen: 15.694 ng
RT: 9.409 min Scan# 1042
Delta R.T. 0.369 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Tgt Ion: 70 Resp: 23860

Ion	Ratio	Lower	Upper
70	100		
42	41.2	40.6	61.0
101	0.0	7.8	11.6#
130	2.1	16.0	24.0#



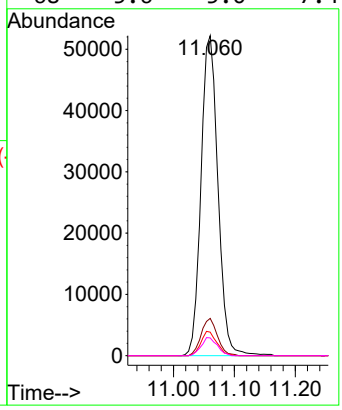


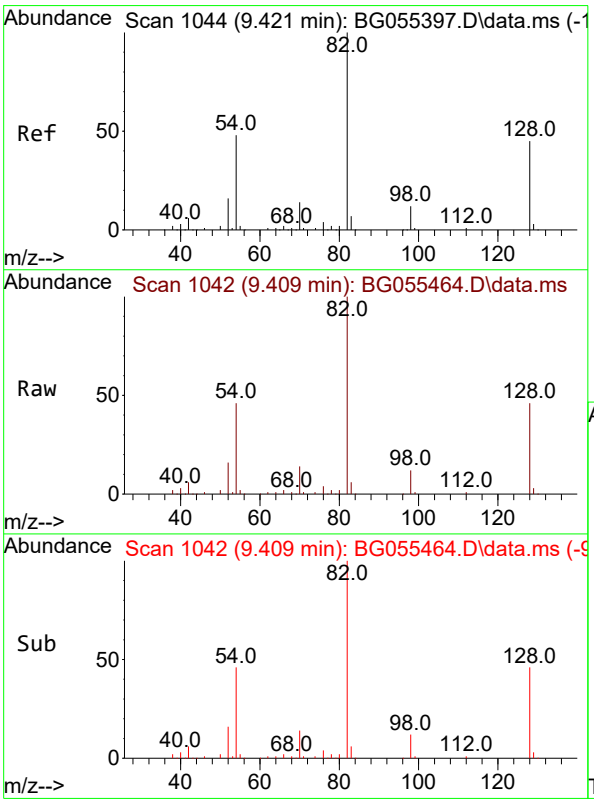
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Instrument :
BNA_G
ClientSampleId :
TP-L

Tgt Ion:136 Resp: 100951

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.2
54	7.4	6.1	9.1
68	5.6	5.0	7.4

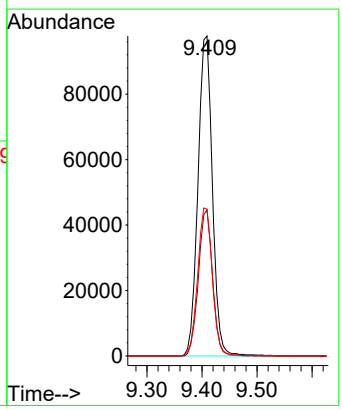


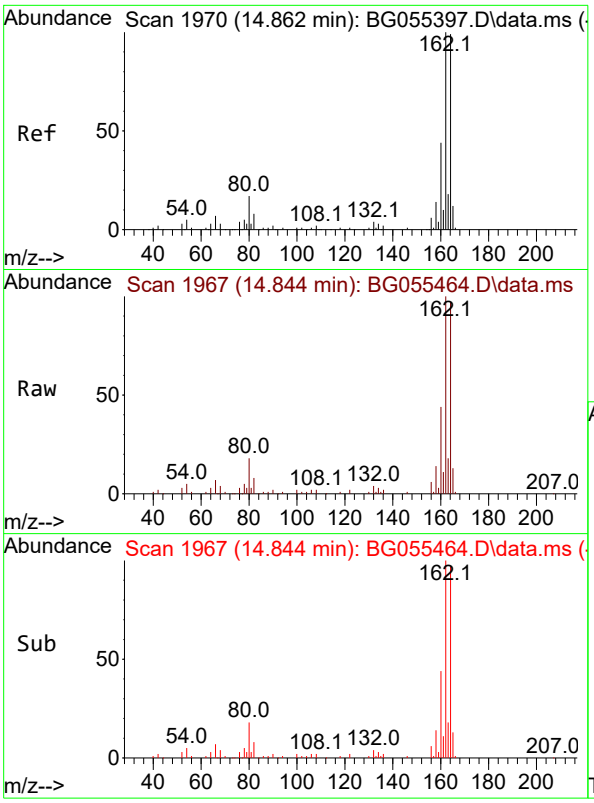


#23
Nitrobenzene-d5
Concen: 94.124 ng
RT: 9.409 min Scan# 1042
Delta R.T. -0.002 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Tgt Ion: 82 Resp: 178289

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.8	53.8
54	45.9	38.1	57.1



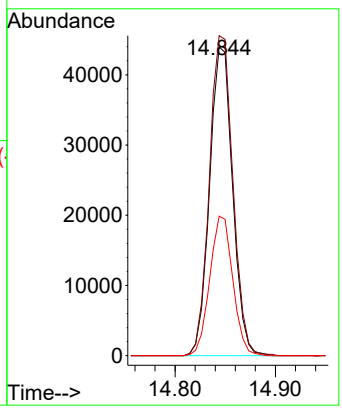


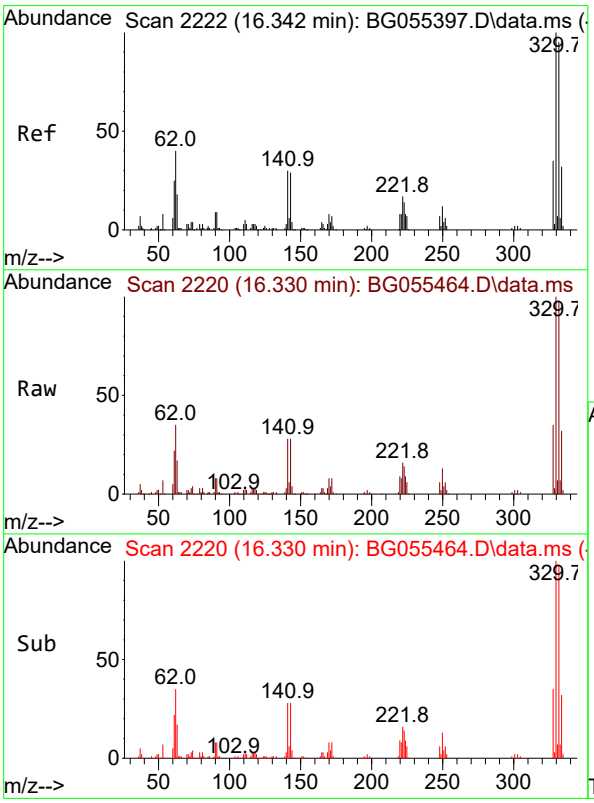
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.844 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Instrument :
BNA_G
ClientSampleId :
TP-L

Tgt Ion:164 Resp: 69964

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.1	121.7
160	45.2	35.8	53.6

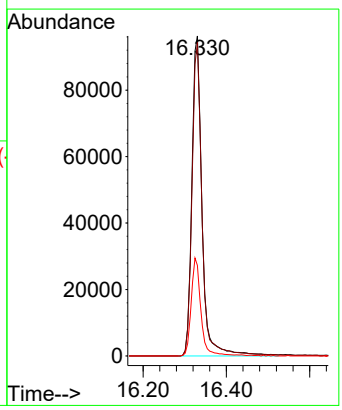


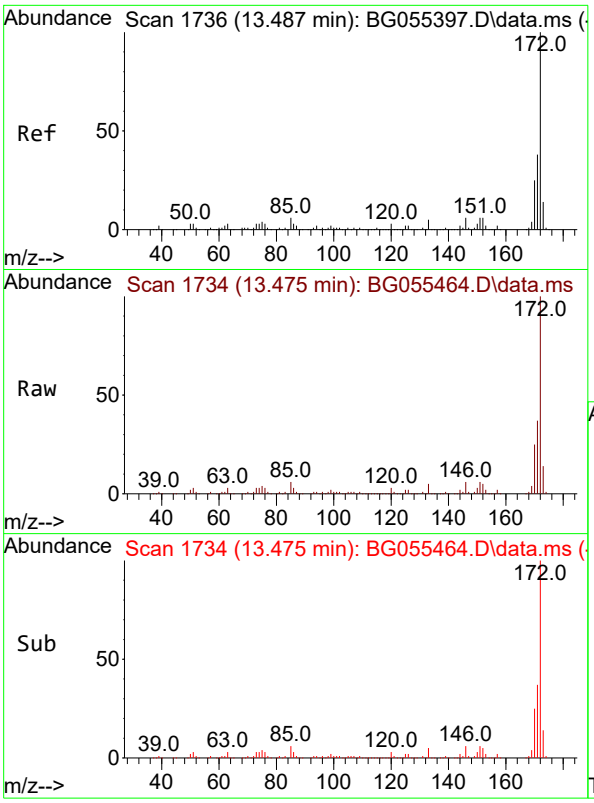


#42
2,4,6-Tribromophenol
Concen: 171.631 ng
RT: 16.330 min Scan# 2220
Delta R.T. -0.007 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Tgt Ion:330 Resp: 163792

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.6
141	29.1	24.2	36.2



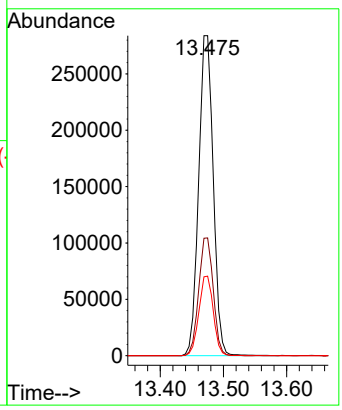


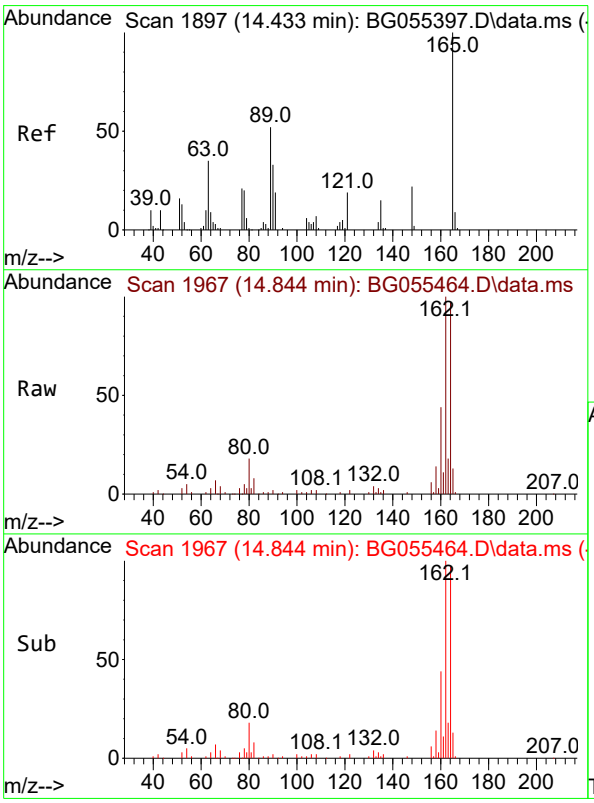
#45
2-Fluorobiphenyl
Concen: 96.405 ng
RT: 13.475 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Instrument :
BNA_G
ClientSampleId :
TP-L

Tgt Ion:172 Resp: 454919

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.2	45.2
170	24.9	20.2	30.2

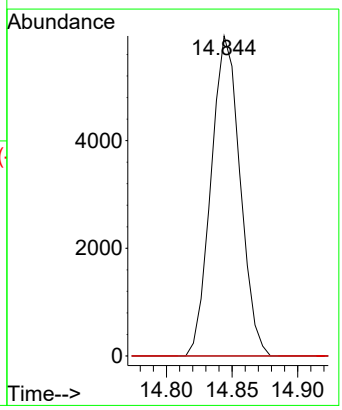


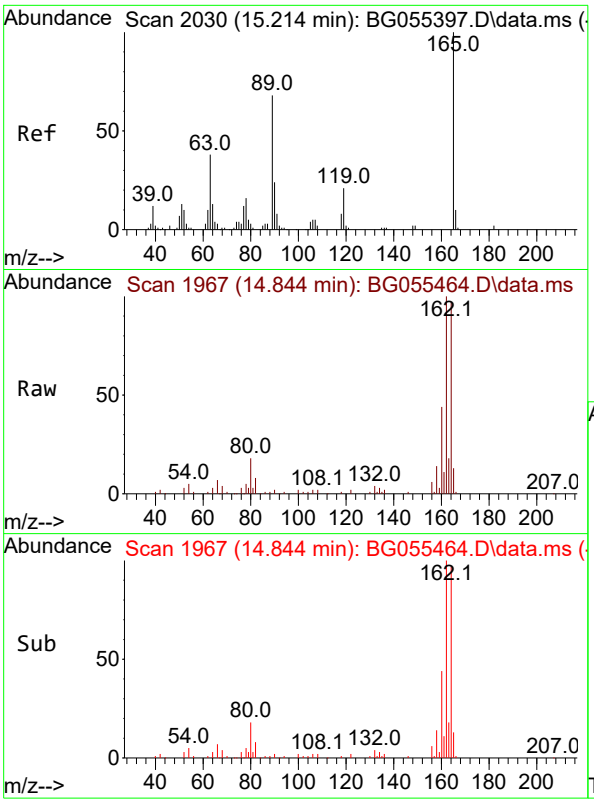


#51
2,6-Dinitrotoluene
Concen: 7.481 ng
RT: 14.844 min Scan# 1967
Delta R.T. 0.422 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Tgt Ion:165 Resp: 9146

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



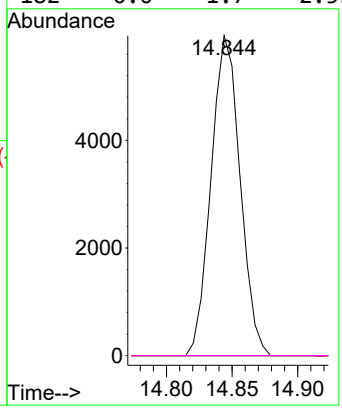


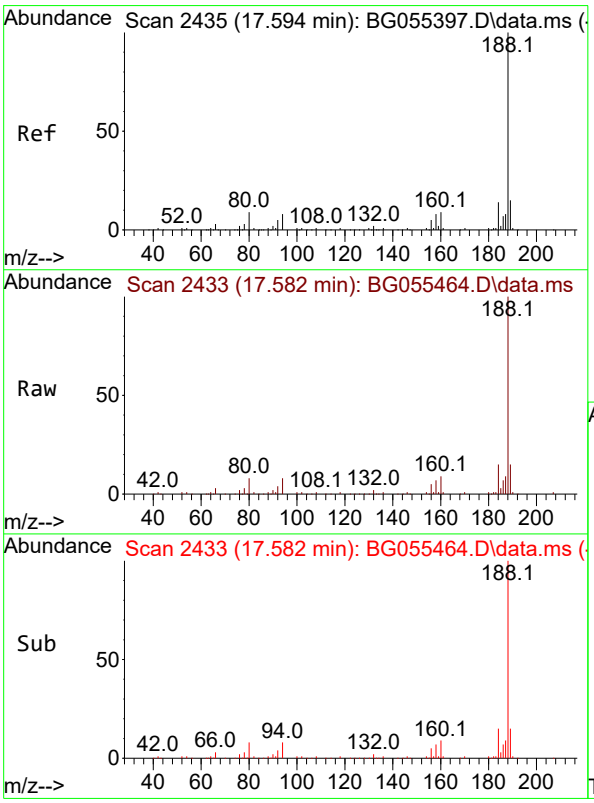
#57
2,4-Dinitrotoluene
Concen: 5.232 ng
RT: 14.844 min Scan# 1
Delta R.T. -0.366 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Instrument :
BNA_G
ClientSampleId :
TP-L

Tgt Ion:165 Resp: 9146

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#

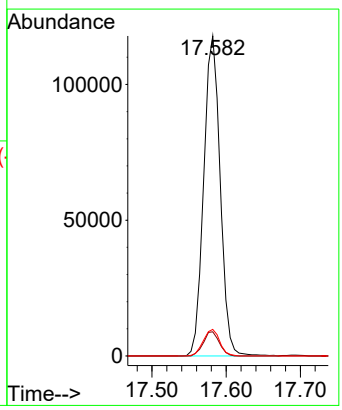


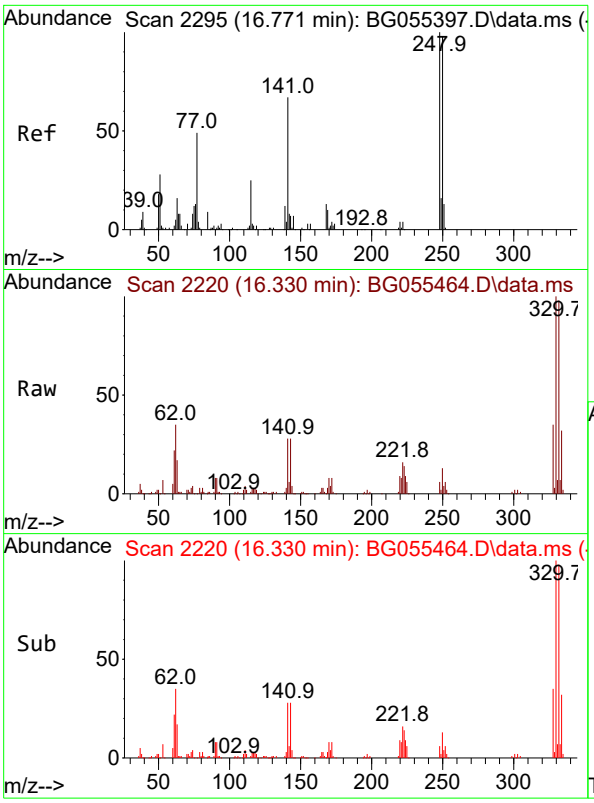


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2433
Delta R.T. -0.007 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Tgt Ion:188 Resp: 181695

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.5	9.7
80	8.3	7.4	11.0



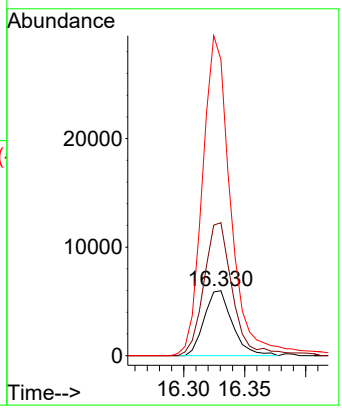


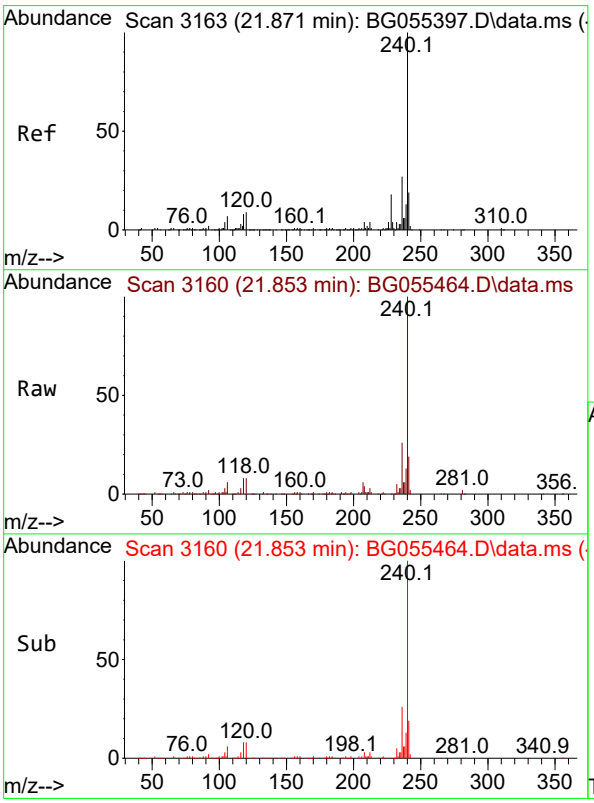
#67
4-Bromophenyl-phenylether
Concen: 4.473 ng
RT: 16.330 min Scan# 2
Delta R.T. -0.436 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Instrument :
BNA_G
ClientSampleId :
TP-L

Tgt Ion:248 Resp: 9607

Ion	Ratio	Lower	Upper
248	100		
250	204.6	78.3	117.5#
141	455.2	53.7	80.5#

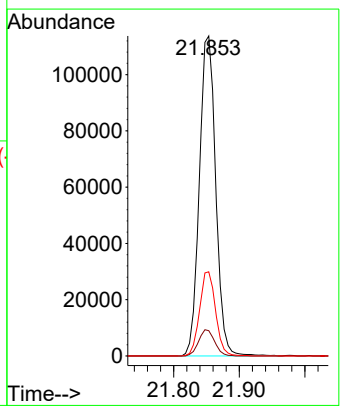


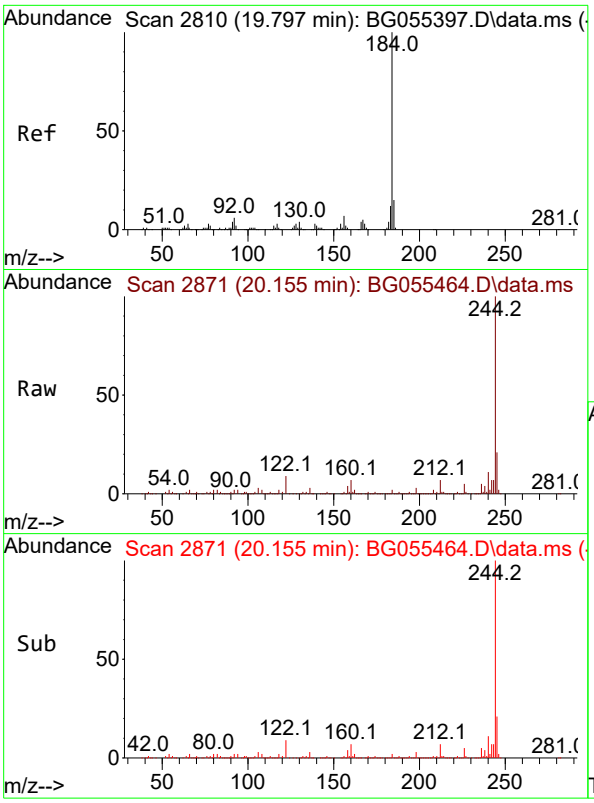


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.853 min Scan# 3160
Delta R.T. -0.007 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Tgt Ion:240 Resp: 197856

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.9	10.3
236	26.3	21.5	32.3



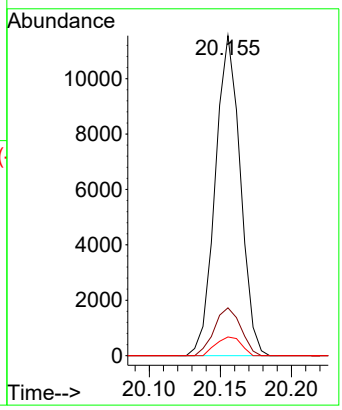


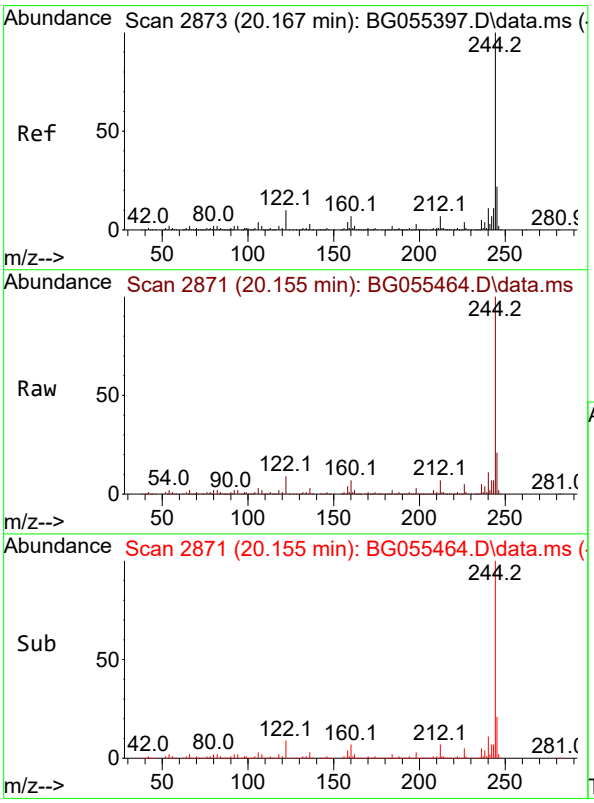
#77
Benzidine
Concen: 3.434 ng
RT: 20.155 min Scan# 2
Delta R.T. 0.363 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Instrument :
BNA_G
ClientSampleId :
TP-L

Tgt Ion:184 Resp: 14146

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.7	17.5
183	5.8	9.8	14.8#

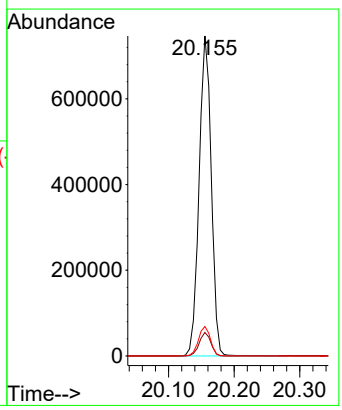


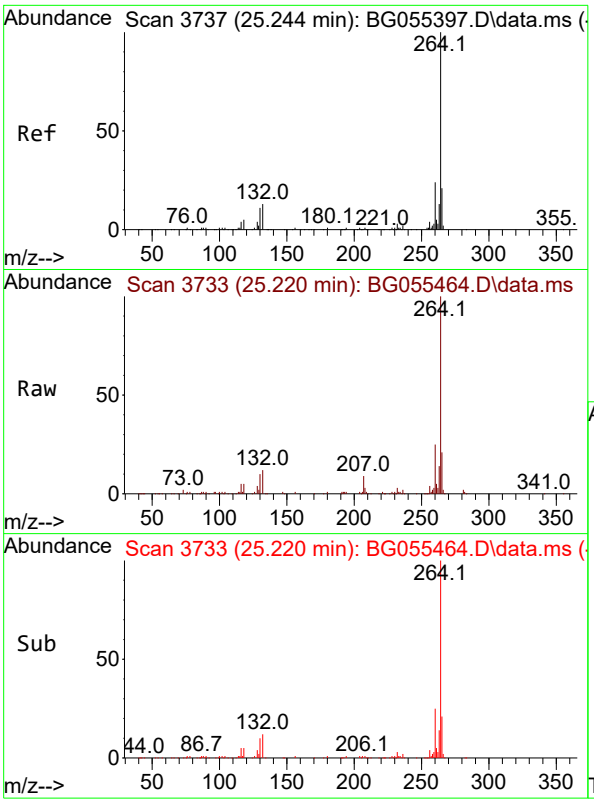


#79
Terphenyl-d14
Concen: 94.974 ng
RT: 20.155 min Scan# 2871
Delta R.T. -0.007 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Tgt Ion:244 Resp: 966356

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	9.2	7.8	11.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.220 min Scan# 3
Delta R.T. -0.013 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Instrument :
BNA_G
ClientSampleId :
TP-L

Tgt Ion:264 Resp: 208230

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	20.8	17.1	25.7