Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
Data File : BG055426.D
Acq On : 2 Nov 2022 22:38
Operator : CG/JU
Sample : N5396-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-F

Quant Time: Nov 03 06:12:51 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	8.241	152	32540	20.000	ng	0.00
21) Naphthalene-d8	11.068	136	140399	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	94251	20.000	ng	0.00
64) Phenanthrene-d10	17.589	188	197304	20.000	ng	0.00
76) Chrysene-d12	21.861	240	189350	20.000	ng	-0.01
86) Perylene-d12	25.233	264	205377	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	235189	129.798	ng	0.00
7) Phenol-d6	7.390	99	279071	111.063	ng	0.00
23) Nitrobenzene-d5	9.417	82	213413	81.011	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	165490	128.725	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	548847	86.339	ng	0.00
79) Terphenyl-d14	20.163	244	859313	88.247	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.417	70	28093	14.308	ng	# 79
51) 2,6-Dinitrotoluene	14.857	165	12364	7.507	ng	# 27
57) 2,4-Dinitrotoluene	14.857	165	12364	5.250	ng	# 25
67) 4-Bromophenyl-phenylether	16.338	248	10035	4.303	ng	# 1
77) Benzidine	20.163	184	12345	3.132	ng	# 92

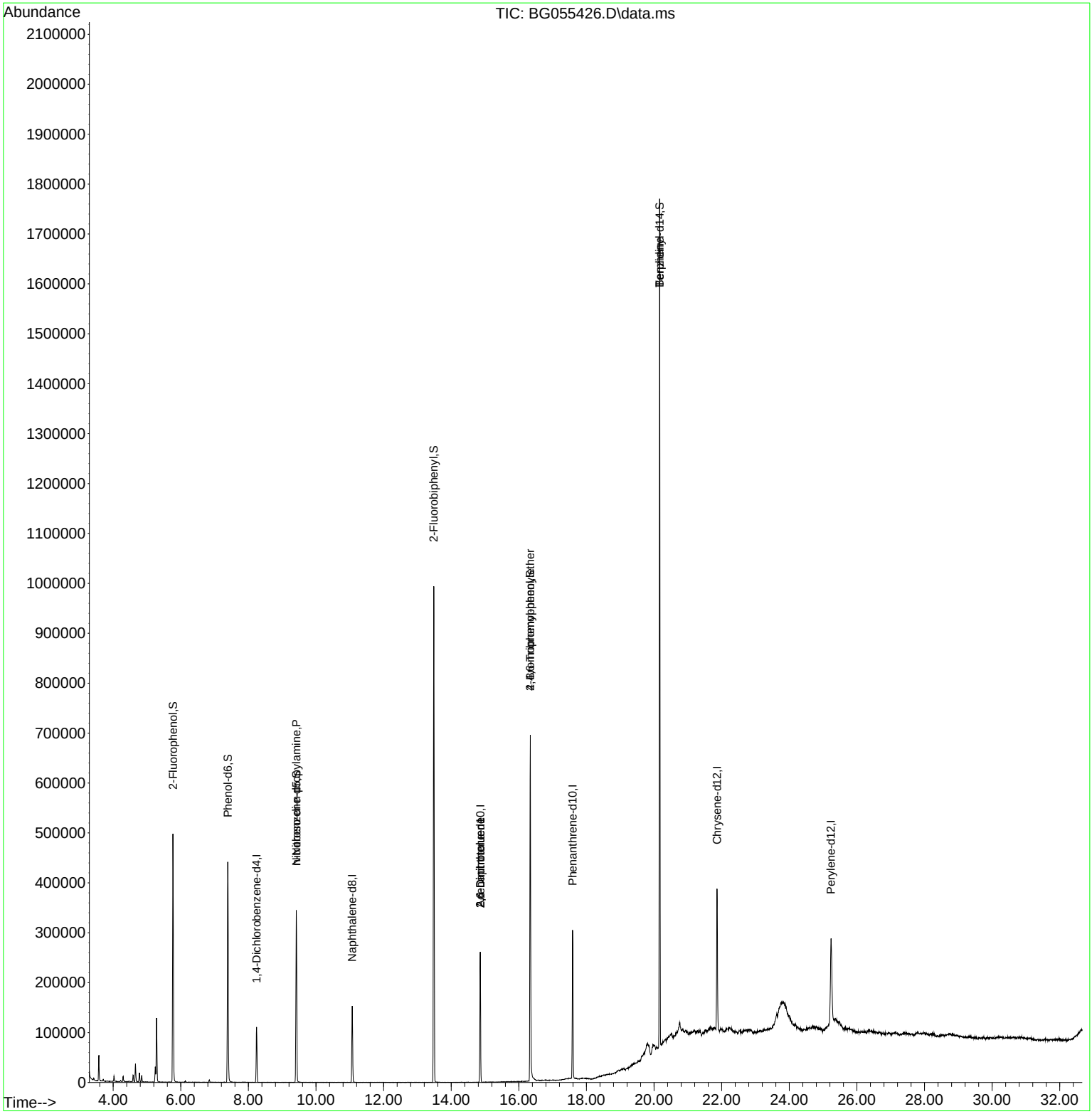
(#) = qualifier out of range (m) = manual integration (+) = signals summed

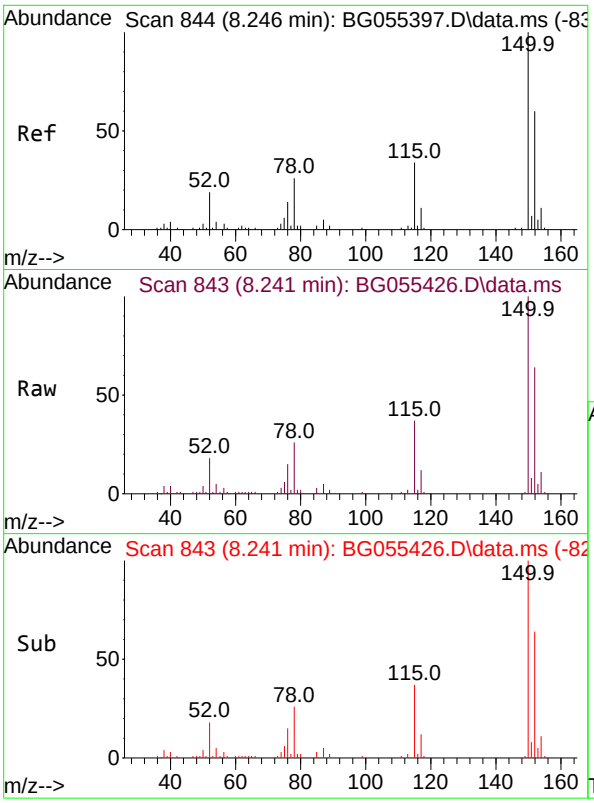
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
Data File : BG055426.D
Acq On : 2 Nov 2022 22:38
Operator : CG/JU
Sample : N5396-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-F

Quant Time: Nov 03 06:12:51 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



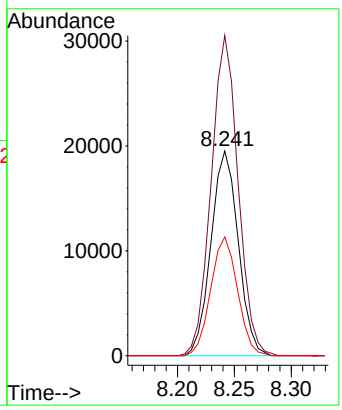


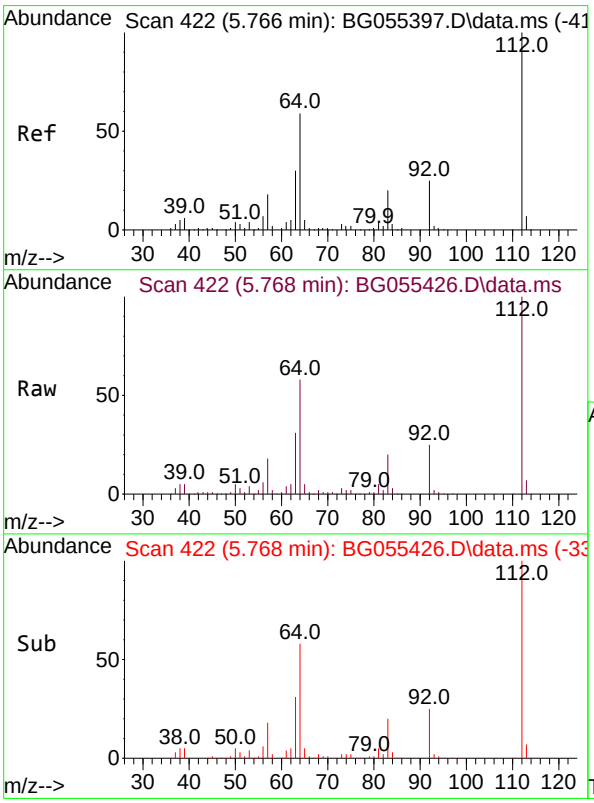
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055426.D
Acq: 2 Nov 2022 22:38

Instrument :
BNA_G
ClientSampleId :
TP-F

Tgt Ion:152 Resp: 32540

Ion	Ratio	Lower	Upper
152	100		
150	156.4	132.8	199.2
115	58.1	45.1	67.7

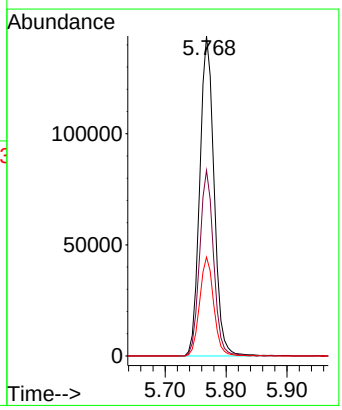


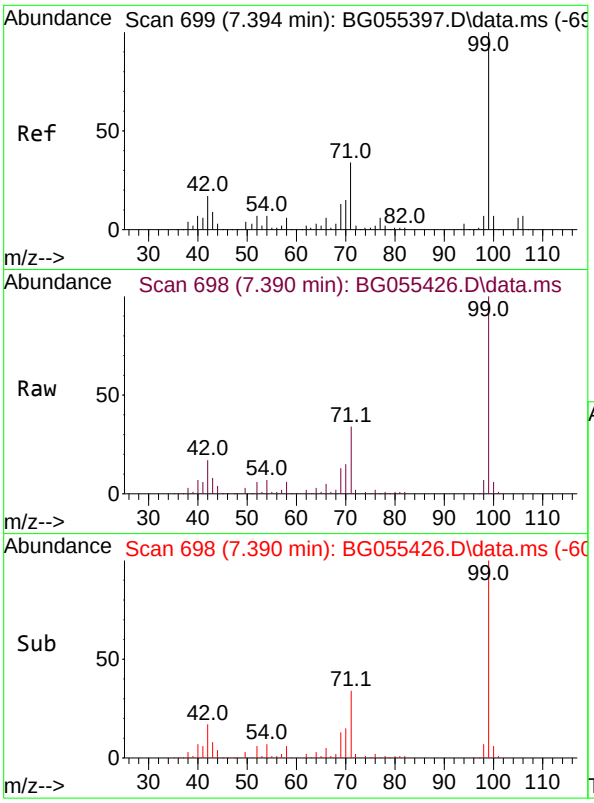


#5
2-Fluorophenol
Concen: 129.798 ng
RT: 5.768 min Scan# 422
Delta R.T. 0.001 min
Lab File: BG055426.D
Acq: 2 Nov 2022 22:38

Tgt Ion:112 Resp: 235189

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.2	70.8
63	30.9	24.3	36.5



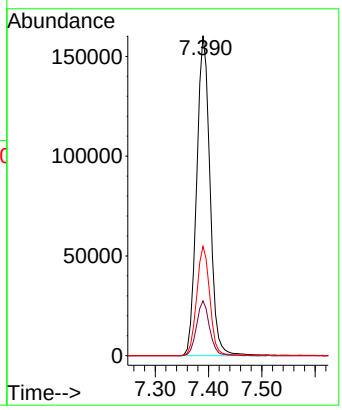


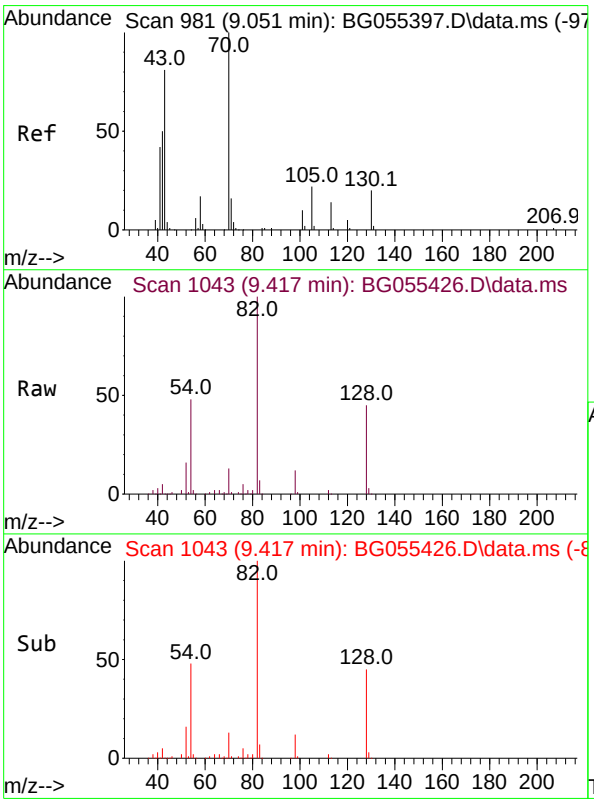
#7
Phenol-d6
Concen: 111.063 ng
RT: 7.390 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG055426.D
Acq: 2 Nov 2022 22:38

Instrument :
BNA_G
ClientSampleId :
TP-F

Tgt Ion: 99 Resp: 279071

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	34.1	27.4	41.0

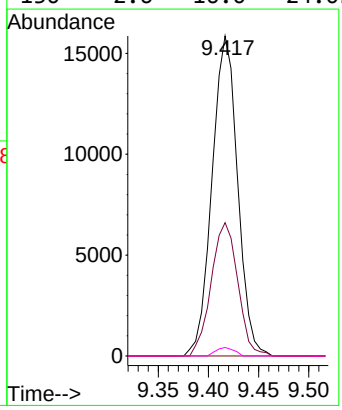


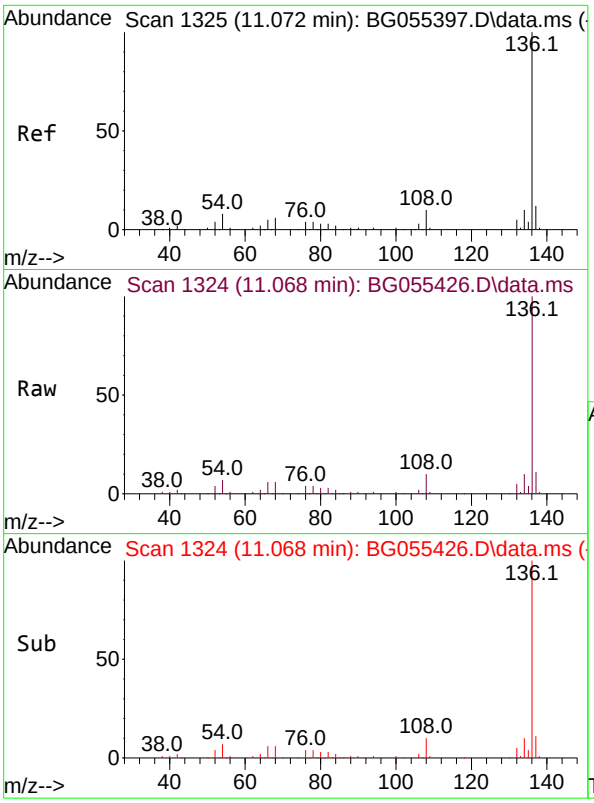


#19
n-Nitroso-di-n-propylamine
Concen: 14.308 ng
RT: 9.417 min Scan# 1043
Delta R.T. 0.366 min
Lab File: BG055426.D
Acq: 2 Nov 2022 22:38

Tgt Ion: 70 Resp: 28093

Ion	Ratio	Lower	Upper
70	100		
42	41.7	40.6	61.0
101	0.0	7.8	11.6#
130	2.6	16.0	24.0#



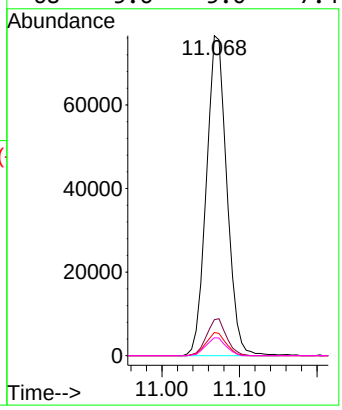


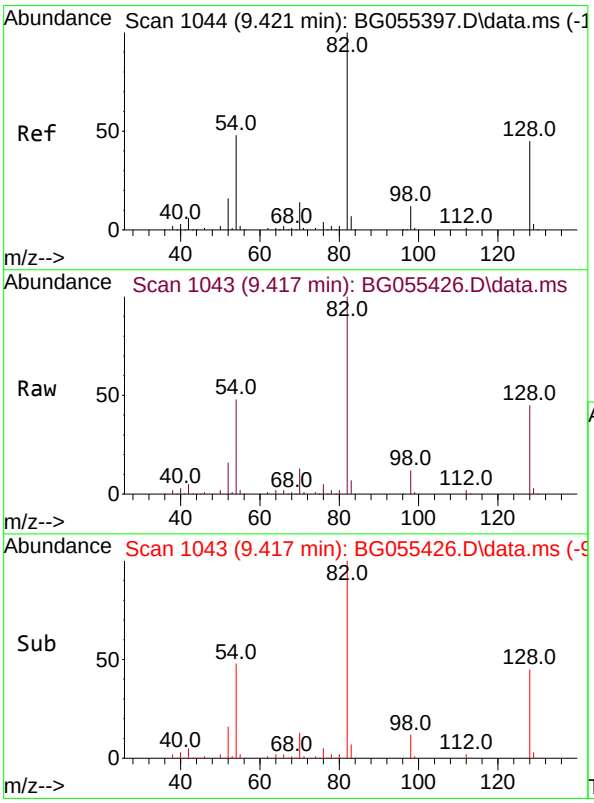
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.068 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055426.D
Acq: 2 Nov 2022 22:38

Instrument :
BNA_G
ClientSampleId :
TP-F

Tgt Ion:136 Resp: 140399

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.2
54	7.3	6.1	9.1
68	5.6	5.0	7.4

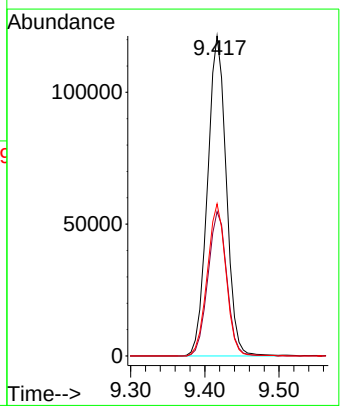


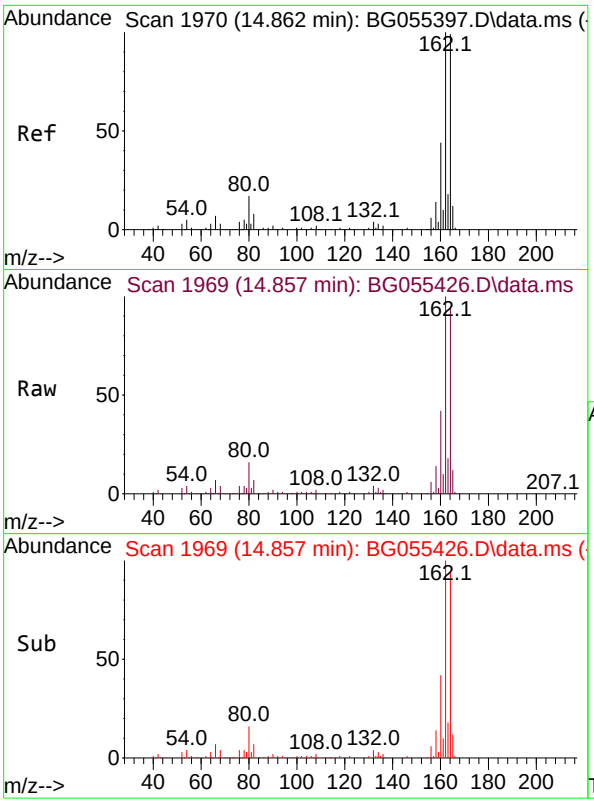


#23
Nitrobenzene-d5
Concen: 81.011 ng
RT: 9.417 min Scan# 1043
Delta R.T. -0.004 min
Lab File: BG055426.D
Acq: 2 Nov 2022 22:38

Tgt Ion: 82 Resp: 213413

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.8	53.8
54	47.5	38.1	57.1



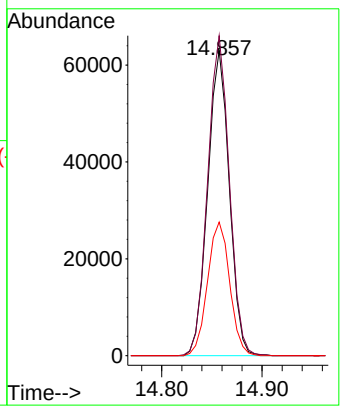


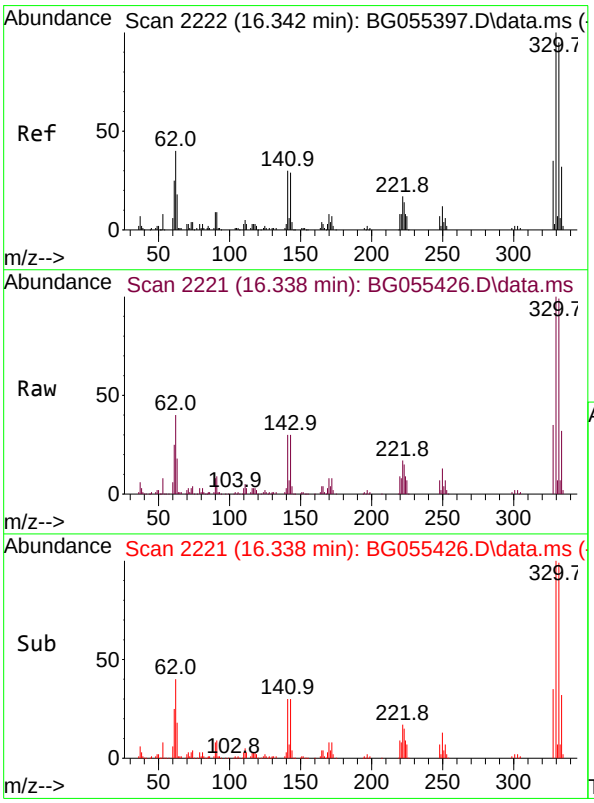
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.857 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055426.D
Acq: 2 Nov 2022 22:38

Instrument :
BNA_G
ClientSampleId :
TP-F

Tgt Ion:164 Resp: 94251

Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.1	121.7
160	43.8	35.8	53.6

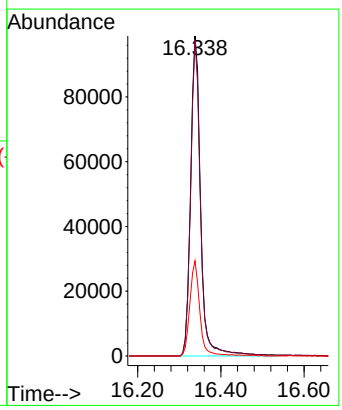


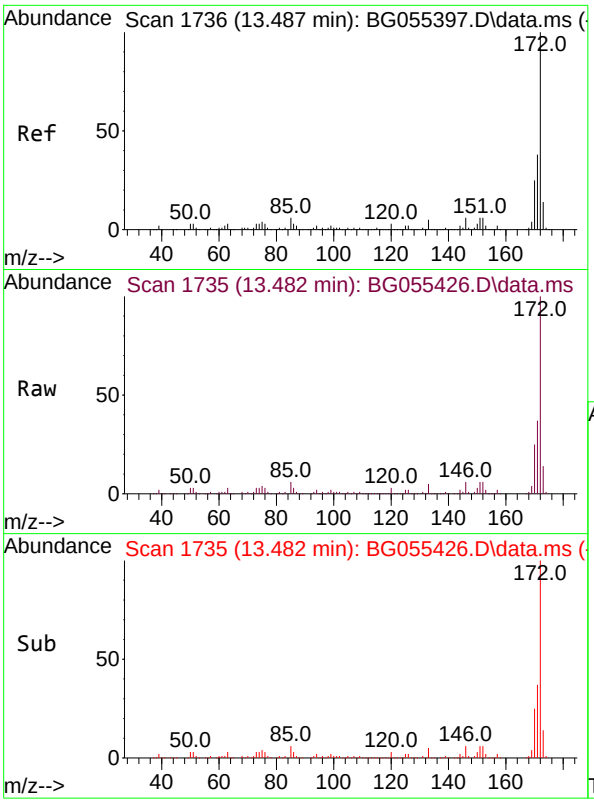


#42
2,4,6-Tribromophenol
Concen: 128.725 ng
RT: 16.338 min Scan# 2221
Delta R.T. -0.004 min
Lab File: BG055426.D
Acq: 2 Nov 2022 22:38

Tgt Ion:330 Resp: 165490

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.8	116.6
141	29.7	24.2	36.2



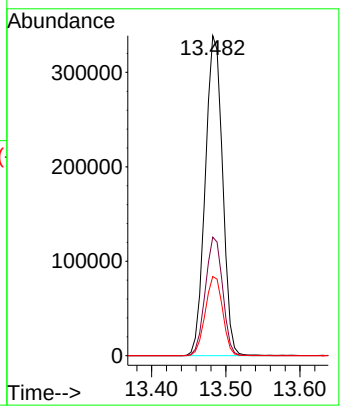


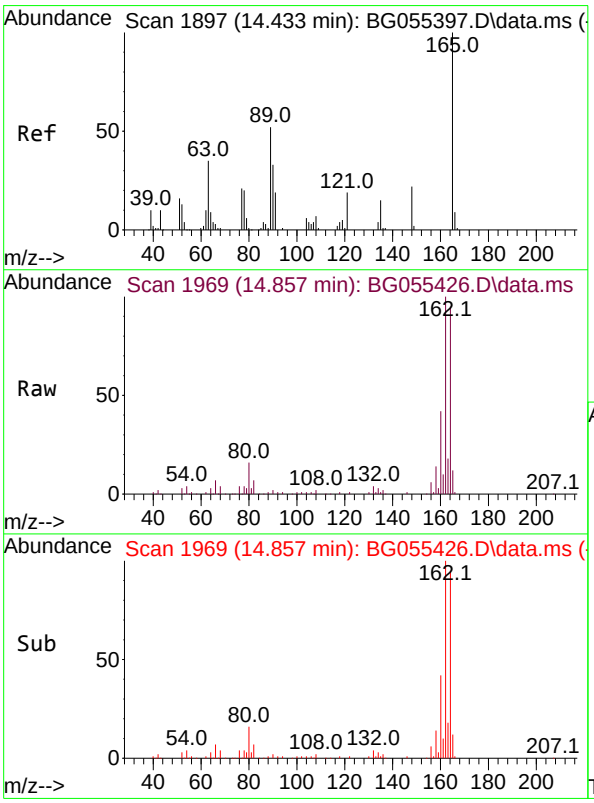
#45
2-Fluorobiphenyl
Concen: 86.339 ng
RT: 13.482 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055426.D
Acq: 2 Nov 2022 22:38

Instrument :
BNA_G
ClientSampleId :
TP-F

Tgt Ion:172 Resp: 548847

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.2	45.2
170	24.8	20.2	30.2

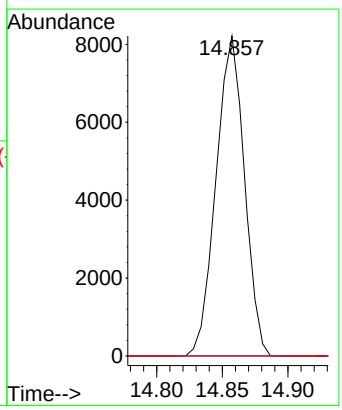


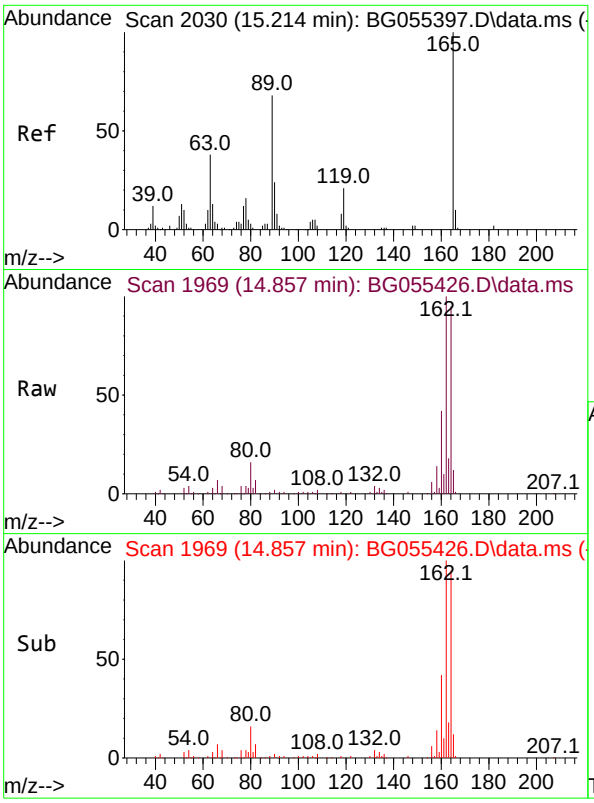


#51
2,6-Dinitrotoluene
Concen: 7.507 ng
RT: 14.857 min Scan# 1969
Delta R.T. 0.424 min
Lab File: BG055426.D
Acq: 2 Nov 2022 22:38

Tgt Ion:165 Resp: 12364

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



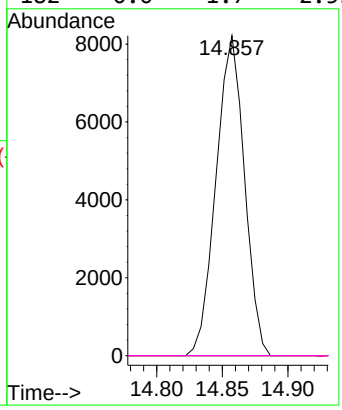


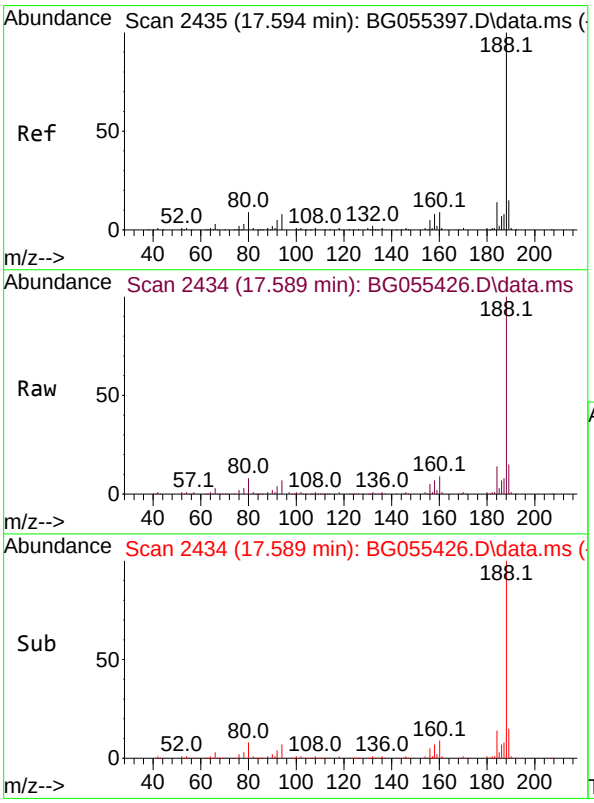
#57
2,4-Dinitrotoluene
Concen: 5.250 ng
RT: 14.857 min Scan# 1
Delta R.T. -0.357 min
Lab File: BG055426.D
Acq: 2 Nov 2022 22:38

Instrument :
BNA_G
ClientSampleId :
TP-F

Tgt Ion:165 Resp: 12364

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#

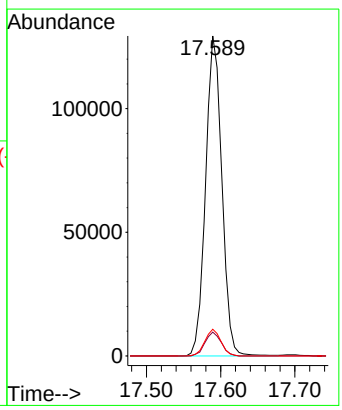


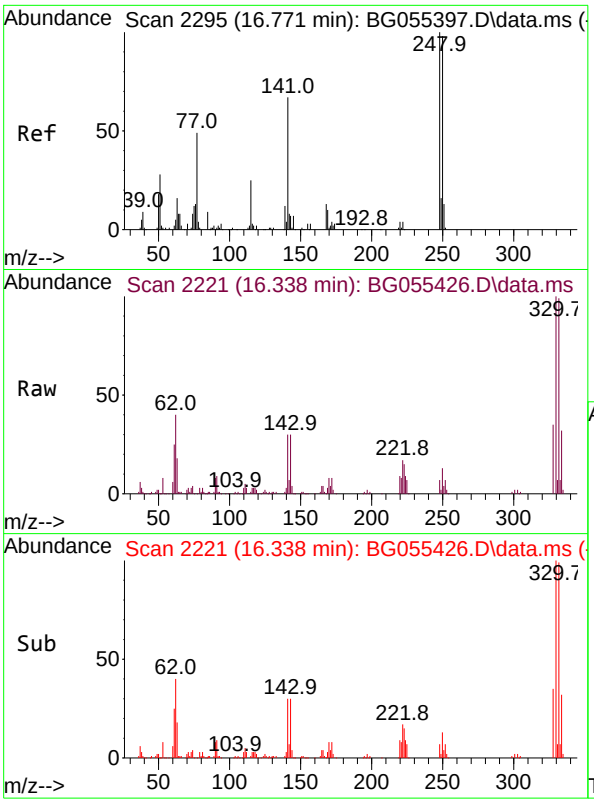


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.589 min Scan# 2434
Delta R.T. -0.005 min
Lab File: BG055426.D
Acq: 2 Nov 2022 22:38

Tgt Ion:188 Resp: 197304

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



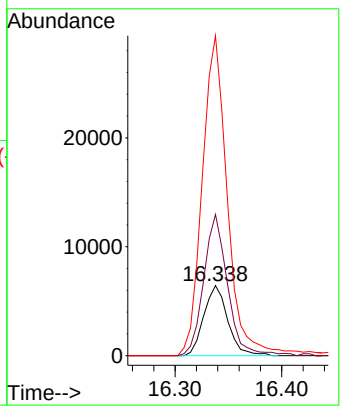


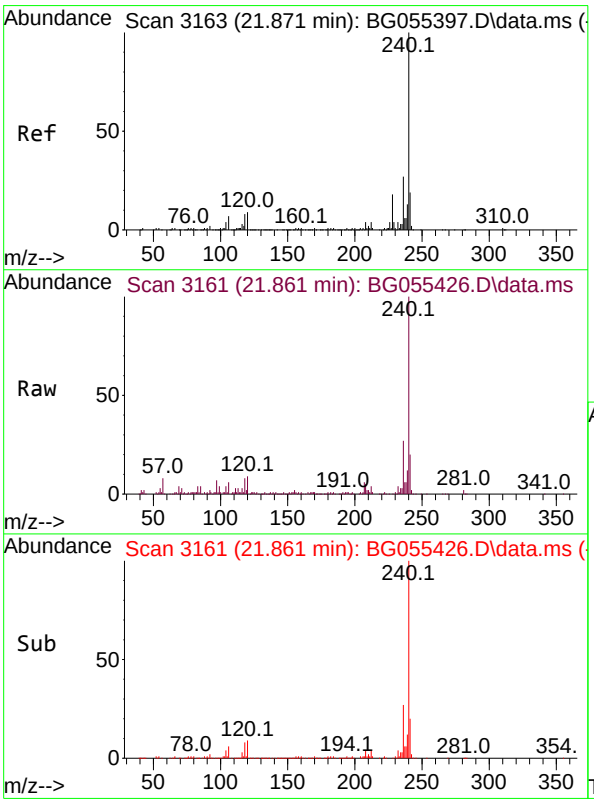
#67
4-Bromophenyl-phenylether
Concen: 4.303 ng
RT: 16.338 min Scan# 2
Delta R.T. -0.433 min
Lab File: BG055426.D
Acq: 2 Nov 2022 22:38

Instrument :
BNA_G
ClientSampleId :
TP-F

Tgt Ion:248 Resp: 10035

Ion	Ratio	Lower	Upper
248	100		
250	201.6	78.3	117.5#
141	456.5	53.7	80.5#

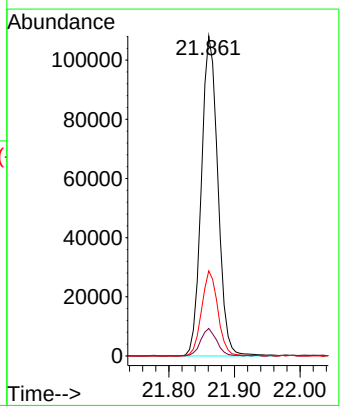


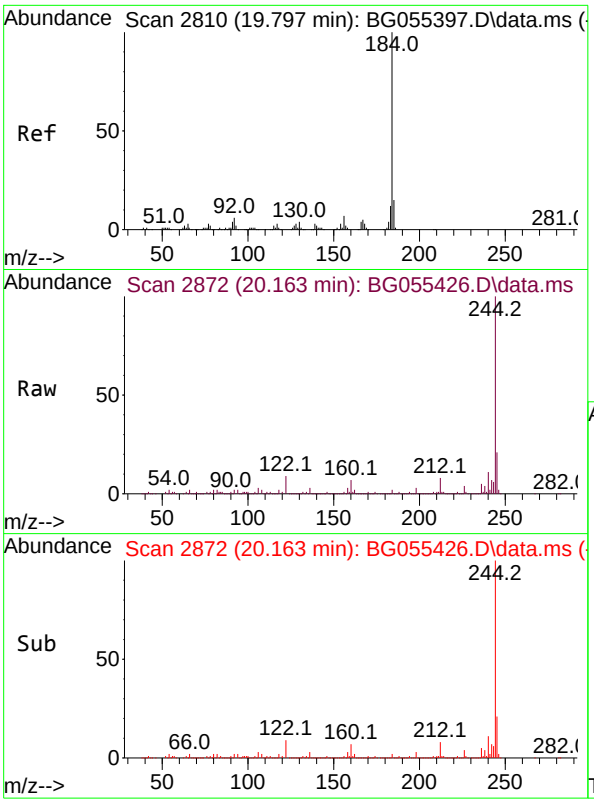


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.861 min Scan# 3161
Delta R.T. -0.010 min
Lab File: BG055426.D
Acq: 2 Nov 2022 22:38

Tgt Ion:240 Resp: 189350

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	26.6	21.5	32.3



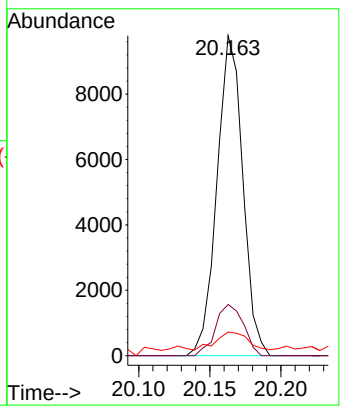


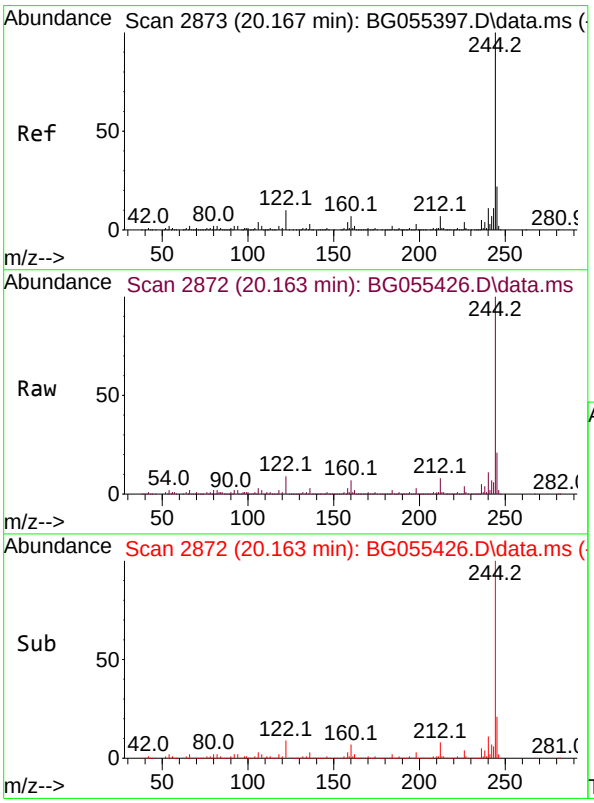
#77
Benzidine
Concen: 3.132 ng
RT: 20.163 min Scan# 2
Delta R.T. 0.366 min
Lab File: BG055426.D
Acq: 2 Nov 2022 22:38

Instrument :
BNA_G
ClientSampleId :
TP-F

Tgt Ion:184 Resp: 12345

Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.7	17.5
183	7.4	9.8	14.8#

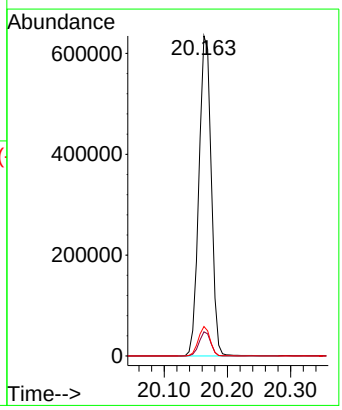


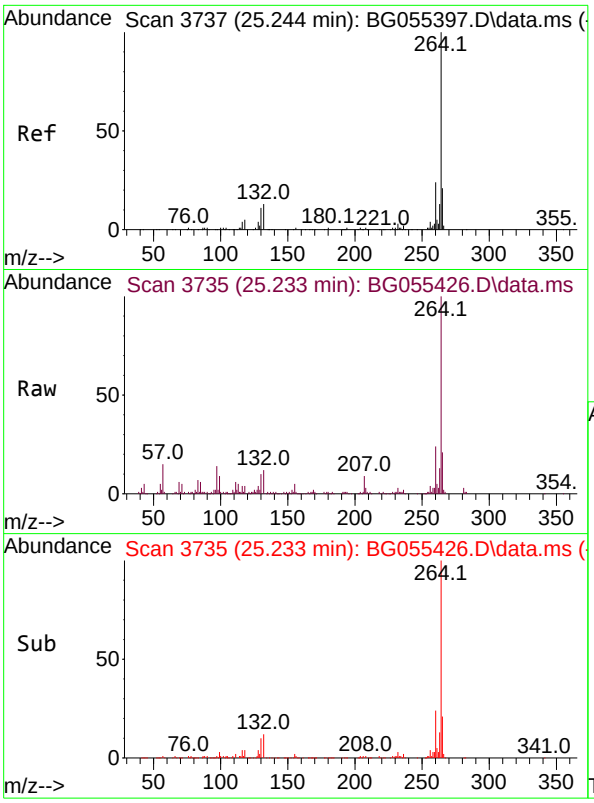


#79
Terphenyl-d14
Concen: 88.247 ng
RT: 20.163 min Scan# 2872
Delta R.T. -0.004 min
Lab File: BG055426.D
Acq: 2 Nov 2022 22:38

Tgt Ion:244 Resp: 859313

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	9.2	7.8	11.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.233 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG055426.D
Acq: 2 Nov 2022 22:38

Instrument :
BNA_G
ClientSampleId :
TP-F

Tgt Ion:264 Resp: 205377

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	21.1	17.1	25.7