Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
Data File : BG053748.D
Acq On : 28 May 2022 13:09
Operator : CG/JU
Sample : PB145086BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB145086BL

Quant Time: May 29 02:19:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 29 02:17:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	16212	20.000	ng	0.00
21) Naphthalene-d8	10.759	136	63142	20.000	ng	0.00
39) Acenaphthene-d10	14.595	164	50999	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	131151	20.000	ng	0.00
76) Chrysene-d12	21.603	240	138228	20.000	ng	# 0.00
86) Perylene-d12	24.781	264	136307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	134082	140.362	ng	0.00
7) Phenol-d6	7.146	99	198998	137.264	ng	0.00
23) Nitrobenzene-d5	9.114	82	139668	94.160	ng	0.00
42) 2,4,6-Tribromophenol	16.093	330	112574	149.664	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	337531	96.713	ng	0.00
79) Terphenyl-d14	19.952	244	783708	105.596	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.114	70	20516	19.723	ng	# 75
51) 2,6-Dinitrotoluene	14.595	165	6504	8.238	ng	# 16
57) 2,4-Dinitrotoluene	14.595	165	6504	5.683	ng	# 21
67) 4-Bromophenyl-phenylether	16.093	248	7021	4.584	ng	# 1
77) Benzidine	19.952	184	13708	4.601	ng	# 93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
Data File : BG053748.D
Acq On : 28 May 2022 13:09
Operator : CG/JU
Sample : PB145086BL
Misc :
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Instrument :
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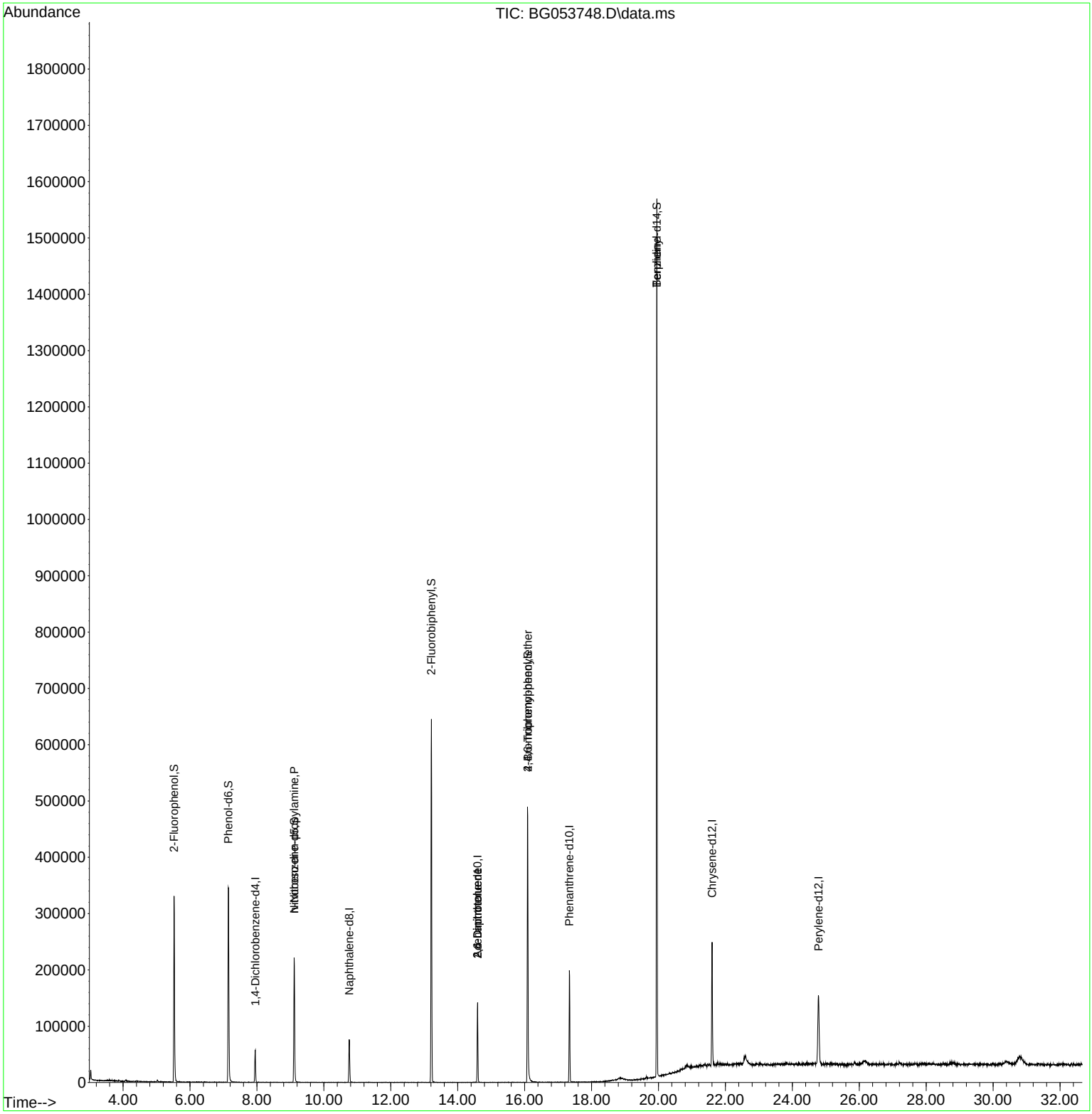
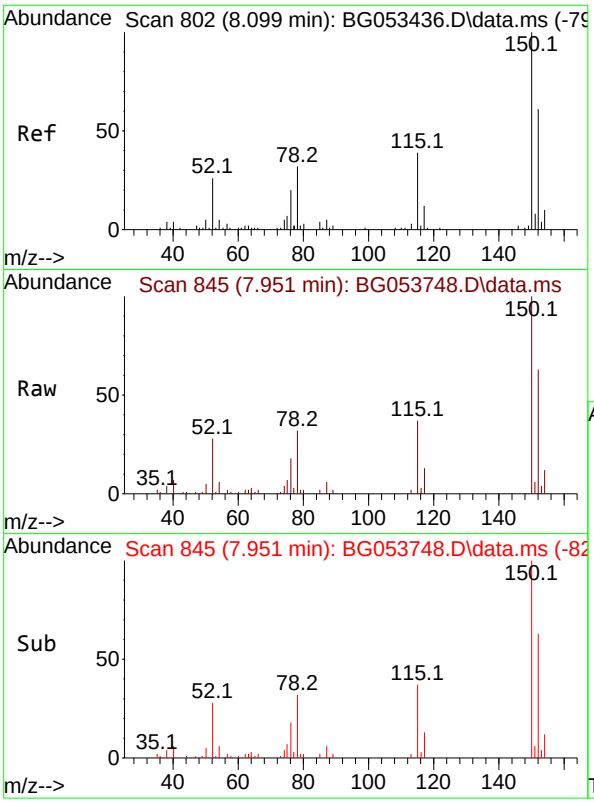
Quant Time: May 29 02:19:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 29 02:17:06 2022
Response via : Initial Calibration



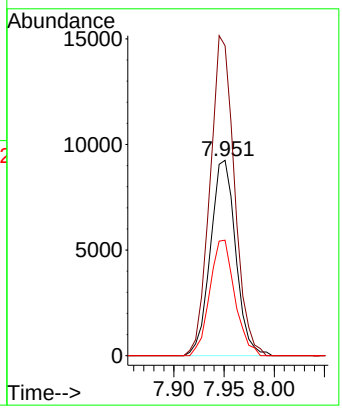


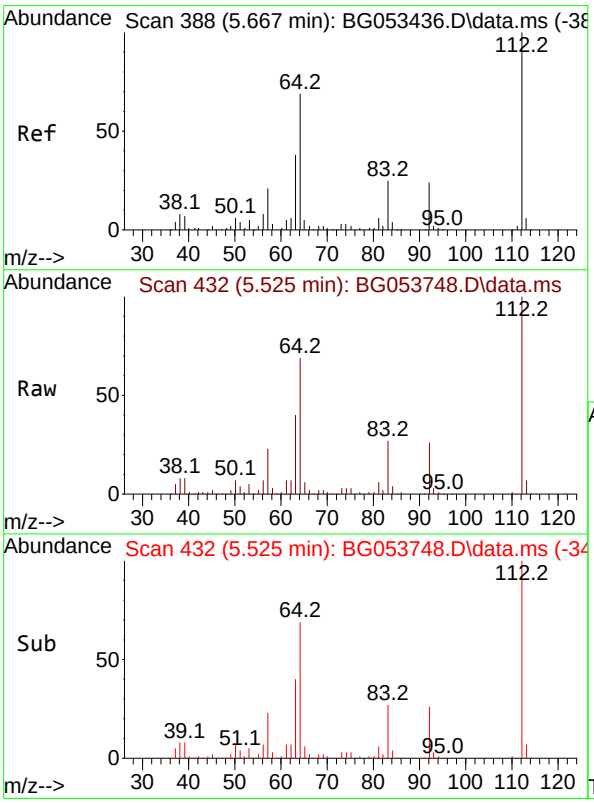
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG053748.D
Acq: 28 May 2022 13:09

Instrument :
BNA_G
ClientSampleId :
PB145086BL

Tgt Ion:152 Resp: 16212

Ion	Ratio	Lower	Upper
152	100		
150	158.6	131.6	197.4
115	59.2	50.9	76.3

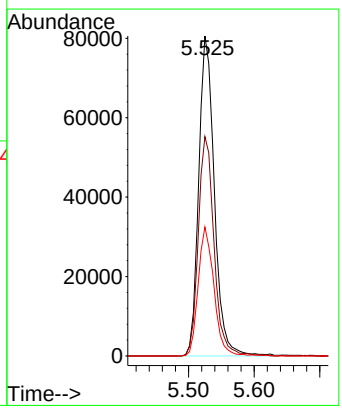


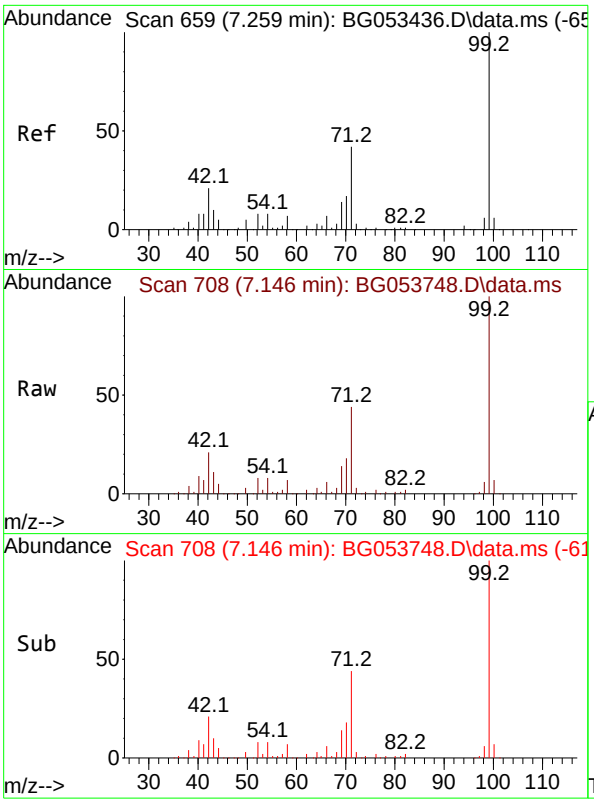


#5
2-Fluorophenol
Concen: 140.362 ng
RT: 5.525 min Scan# 432
Delta R.T. -0.000 min
Lab File: BG053748.D
Acq: 28 May 2022 13:09

Tgt Ion:112 Resp: 134082

Ion	Ratio	Lower	Upper
112	100		
64	68.5	55.1	82.7
63	40.3	30.4	45.6



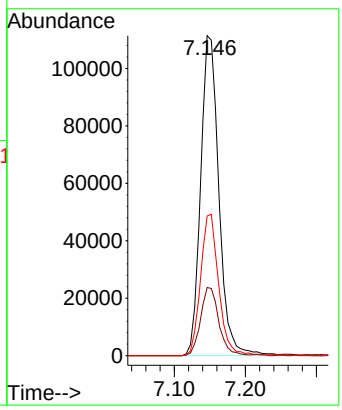


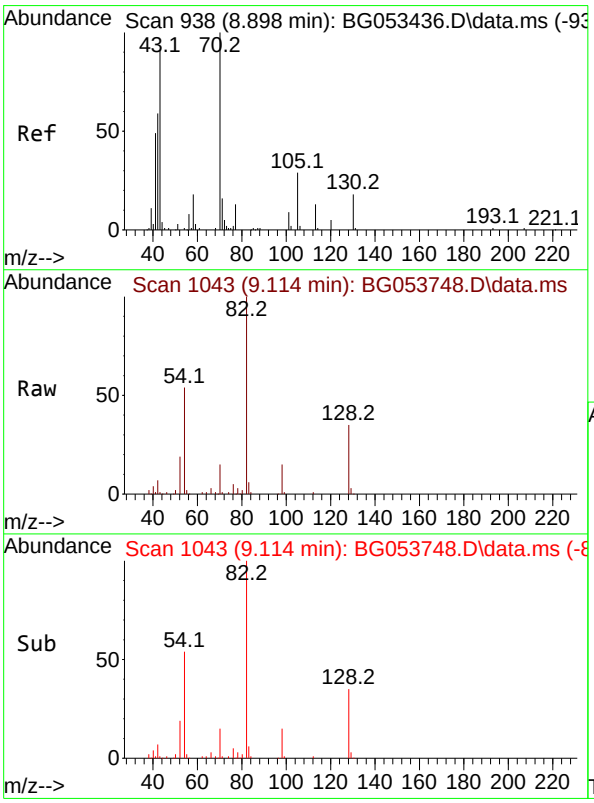
#7
Phenol-d6
Concen: 137.264 ng
RT: 7.146 min Scan# 7(
Delta R.T. -0.006 min
Lab File: BG053748.D
Acq: 28 May 2022 13:09

Instrument :
BNA_G
ClientSampleId :
PB145086BL

Tgt Ion: 99 Resp: 198998

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.0	25.6
71	43.7	33.8	50.8

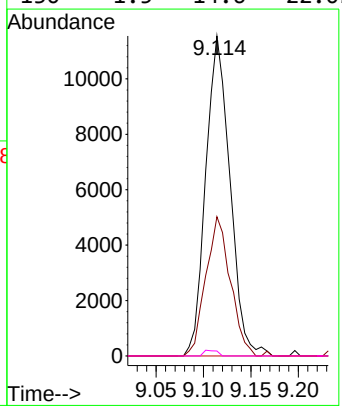


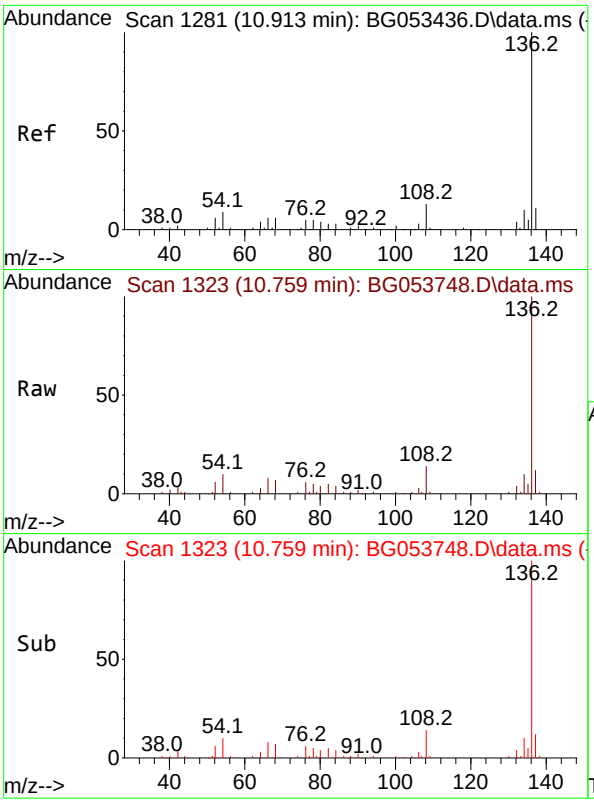


#19
n-Nitroso-di-n-propylamine
Concen: 19.723 ng
RT: 9.114 min Scan# 1043
Delta R.T. 0.358 min
Lab File: BG053748.D
Acq: 28 May 2022 13:09

Tgt Ion: 70 Resp: 20516

Ion	Ratio	Lower	Upper
70	100		
42	43.5	47.3	70.9#
101	0.0	7.0	10.4#
130	1.5	14.6	22.0#



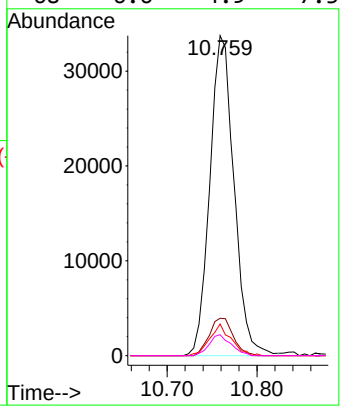


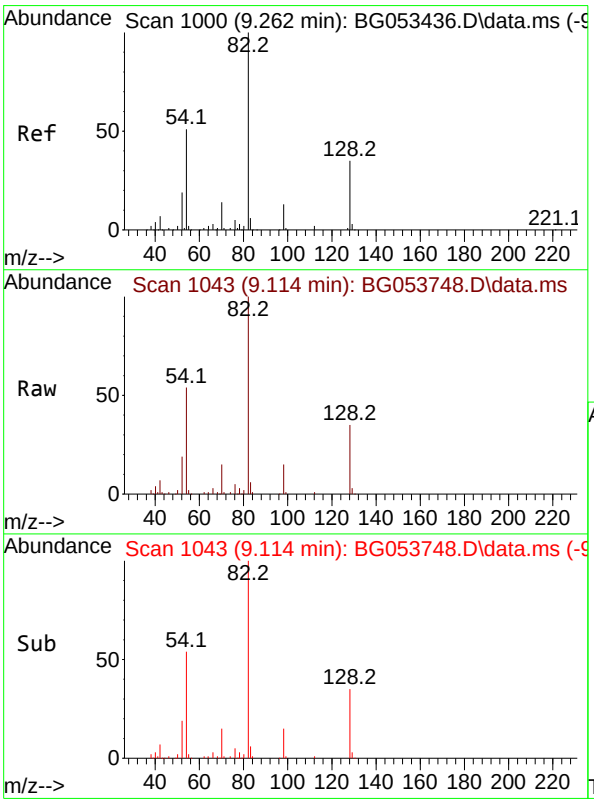
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.759 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053748.D
Acq: 28 May 2022 13:09

Instrument :
BNA_G
ClientSampleId :
PB145086BL

Tgt Ion:136 Resp: 63142

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.5	12.7
54	9.9	7.4	11.2
68	6.6	4.9	7.3

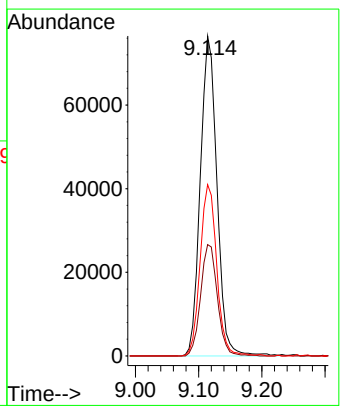


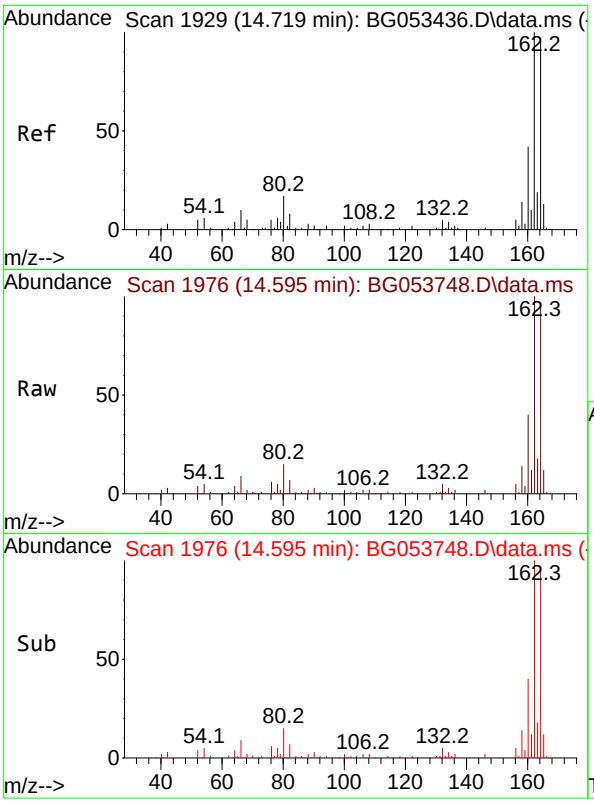


#23
Nitrobenzene-d5
Concen: 94.160 ng
RT: 9.114 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BG053748.D
Acq: 28 May 2022 13:09

Tgt Ion: 82 Resp: 139668

Ion	Ratio	Lower	Upper
82	100		
128	34.8	27.9	41.9
54	53.5	41.2	61.8



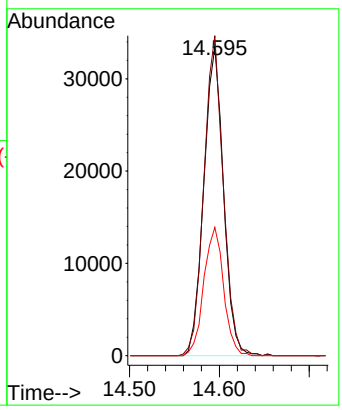


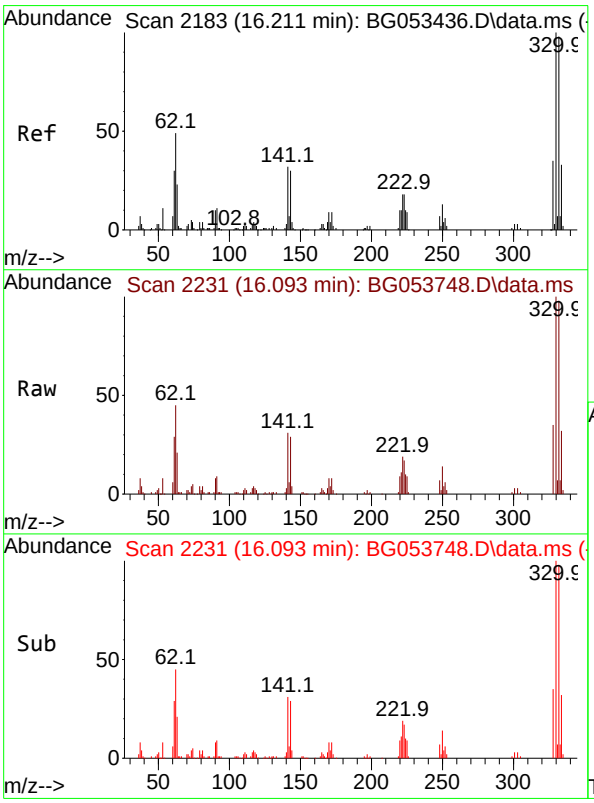
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.595 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053748.D
Acq: 28 May 2022 13:09

Instrument :
BNA_G
ClientSampleId :
PB145086BL

Tgt Ion:164 Resp: 50999

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.3	123.5
160	41.6	34.2	51.2

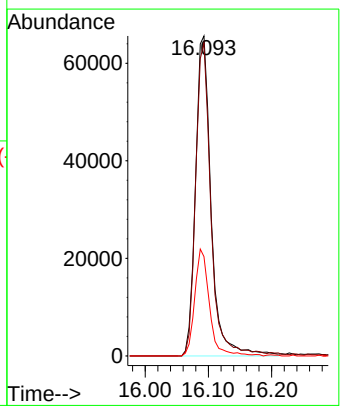


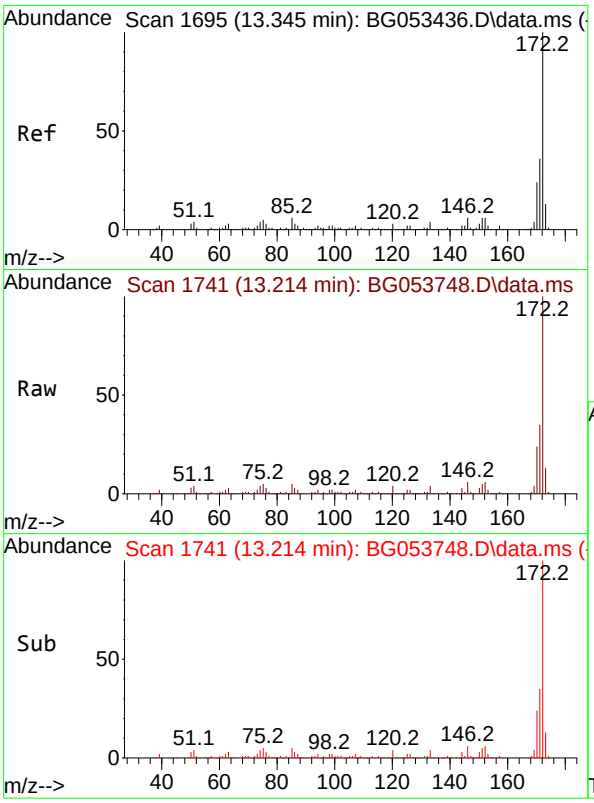


#42
2,4,6-Tribromophenol
Concen: 149.664 ng
RT: 16.093 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BG053748.D
Acq: 28 May 2022 13:09

Tgt Ion:330 Resp: 112574

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.0	114.0
141	31.6	27.1	40.7



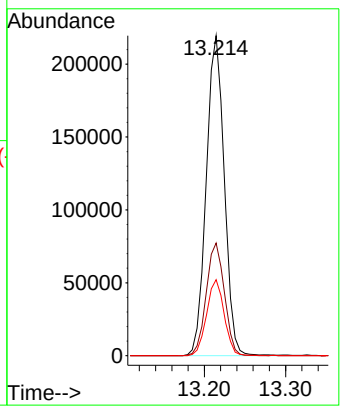


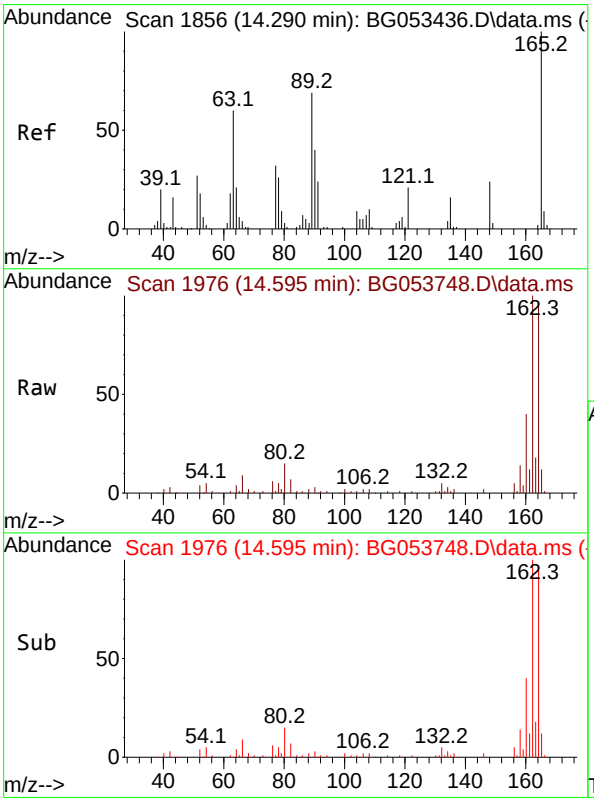
#45
2-Fluorobiphenyl
Concen: 96.713 ng
RT: 13.214 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053748.D
Acq: 28 May 2022 13:09

Instrument :
BNA_G
ClientSampleId :
PB145086BL

Tgt Ion:172 Resp: 337531

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.7	18.9	28.3

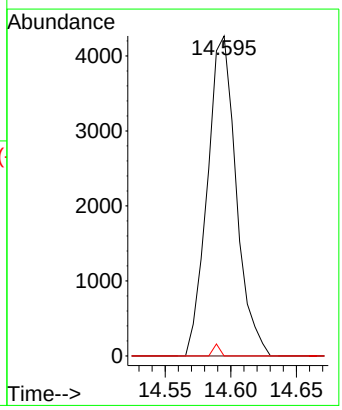


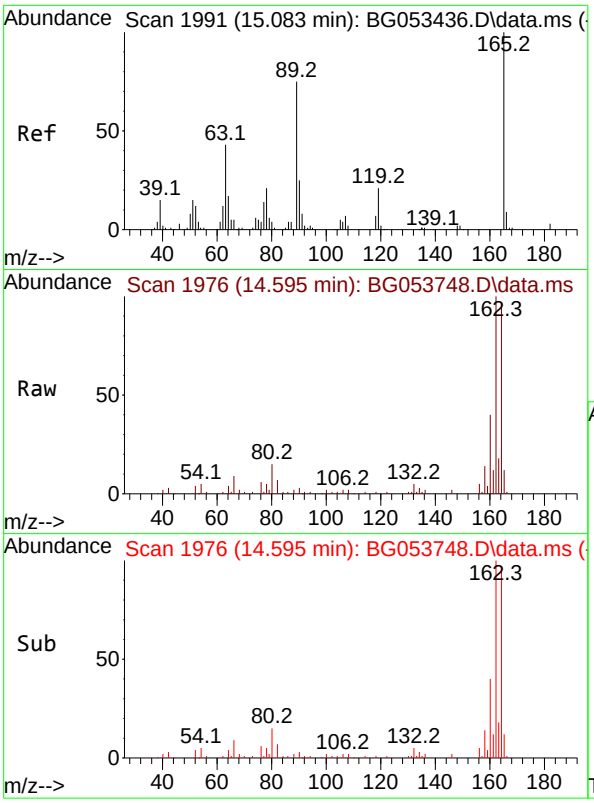


#51
2,6-Dinitrotoluene
Concen: 8.238 ng
RT: 14.595 min Scan# 1976
Delta R.T. 0.423 min
Lab File: BG053748.D
Acq: 28 May 2022 13:09

Tgt Ion:165 Resp: 6504

Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	0.0	54.8	82.2#



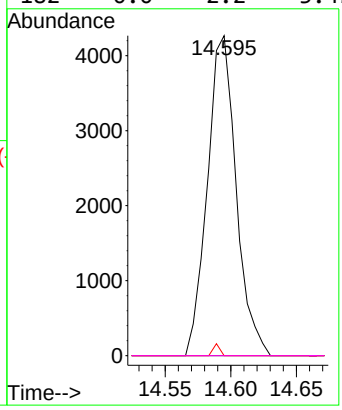


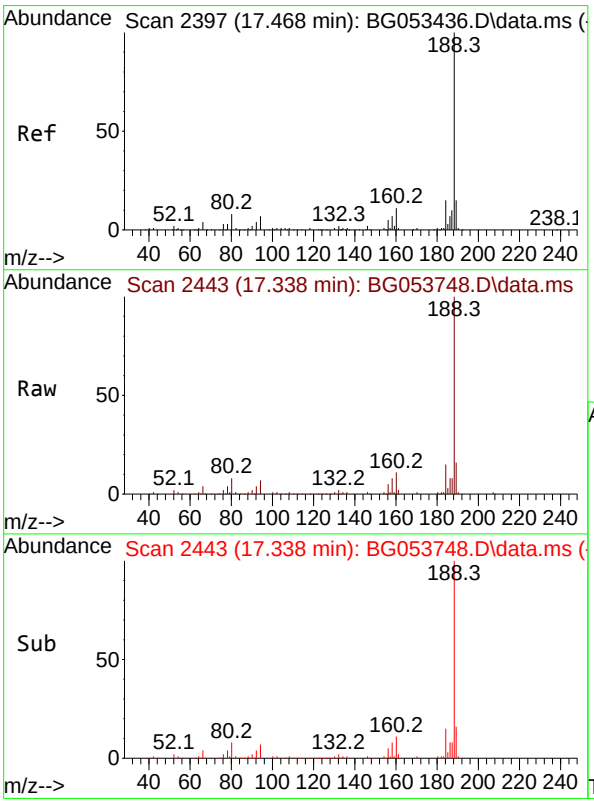
#57
2,4-Dinitrotoluene
Concen: 5.683 ng
RT: 14.595 min Scan# 1
Delta R.T. -0.370 min
Lab File: BG053748.D
Acq: 28 May 2022 13:09

Instrument :
BNA_G
ClientSampleId :
PB145086BL

Tgt Ion:165 Resp: 6504

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#

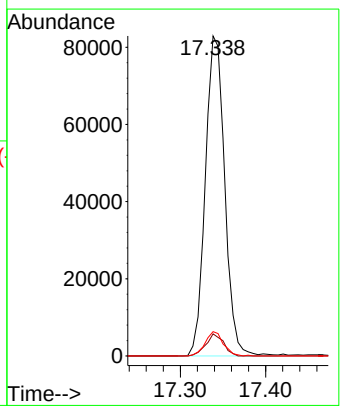


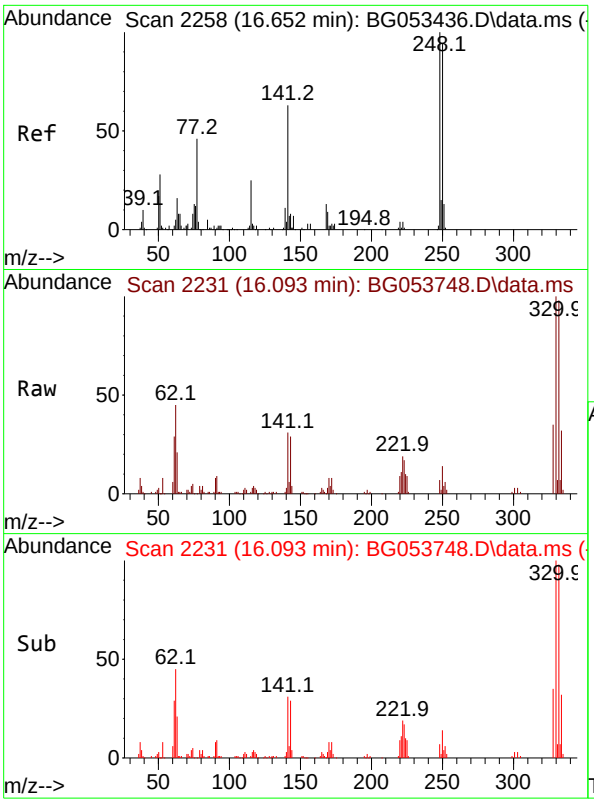


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.338 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BG053748.D
Acq: 28 May 2022 13:09

Tgt Ion:188 Resp: 131151

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.4	8.0
80	7.6	6.8	10.2



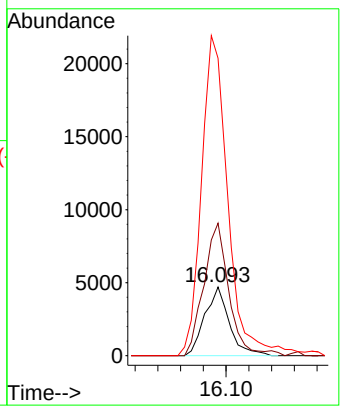


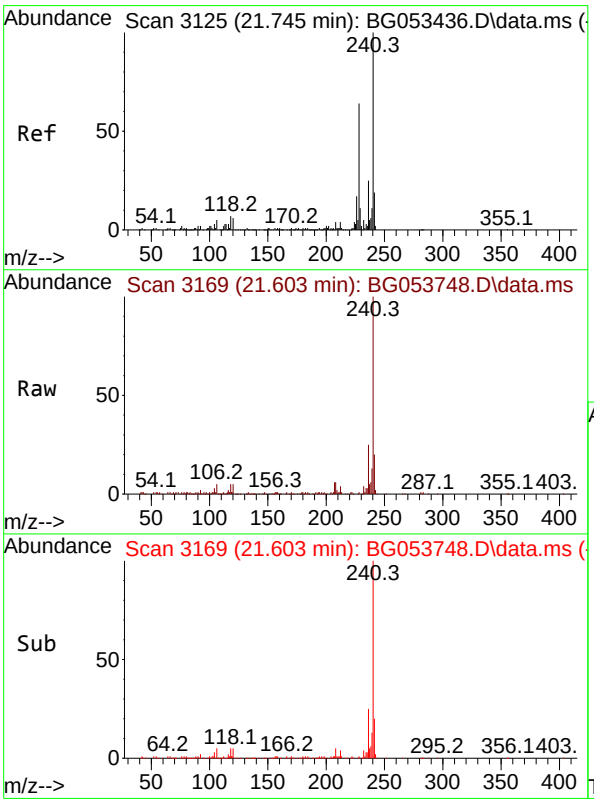
#67
4-Bromophenyl-phenylether
Concen: 4.584 ng
RT: 16.093 min Scan# 2
Delta R.T. -0.435 min
Lab File: BG053748.D
Acq: 28 May 2022 13:09

Instrument :
BNA_G
ClientSampleId :
PB145086BL

Tgt Ion:248 Resp: 7021

Ion	Ratio	Lower	Upper
248	100		
250	193.1	75.2	112.8#
141	433.6	50.0	75.0#

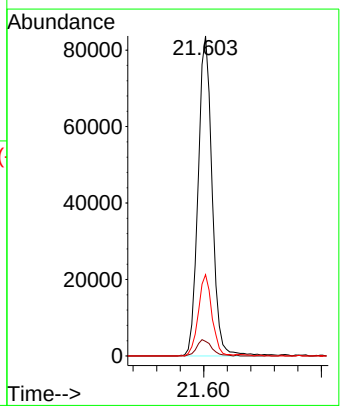


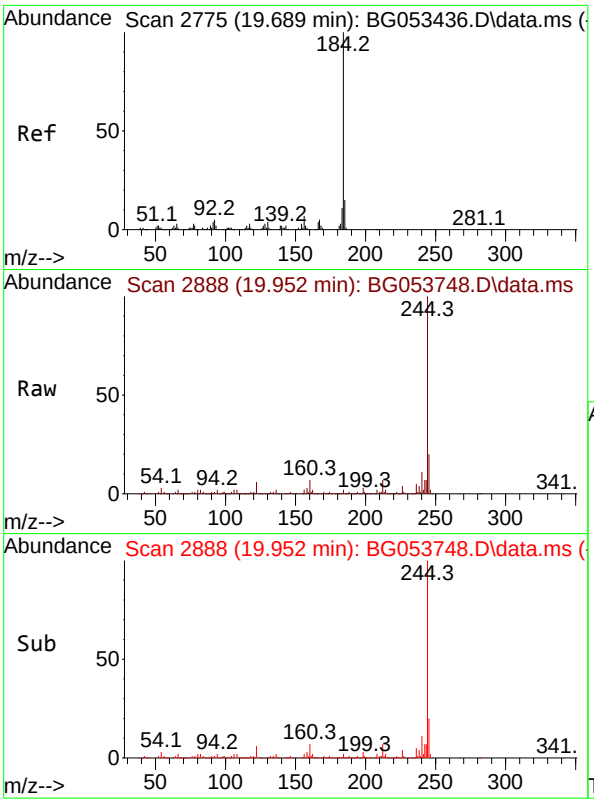


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.603 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BG053748.D
Acq: 28 May 2022 13:09

Tgt Ion:240 Resp: 138228

Ion	Ratio	Lower	Upper
240	100		
120	4.5	4.6	7.0#
236	25.4	20.2	30.4



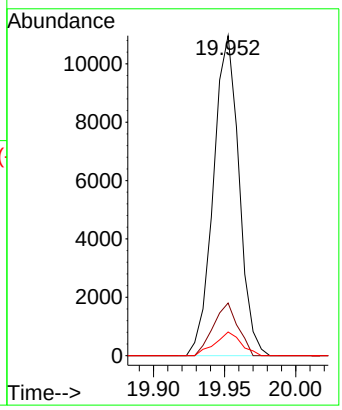


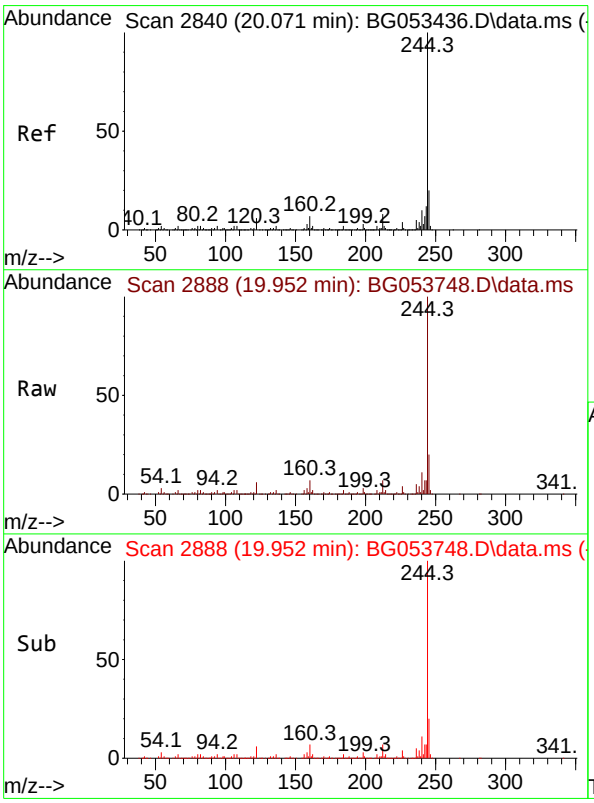
#77
Benzidine
Concen: 4.601 ng
RT: 19.952 min Scan# 2
Delta R.T. 0.376 min
Lab File: BG053748.D
Acq: 28 May 2022 13:09

Instrument :
BNA_G
ClientSampleId :
PB145086BL

Tgt Ion:184 Resp: 13708

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.8	17.6
183	7.4	8.9	13.3#

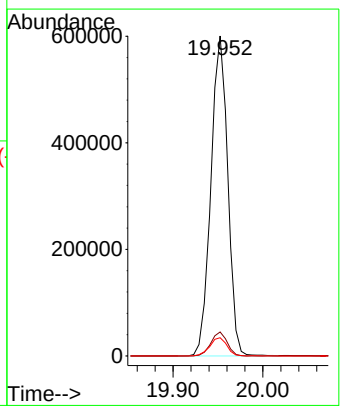


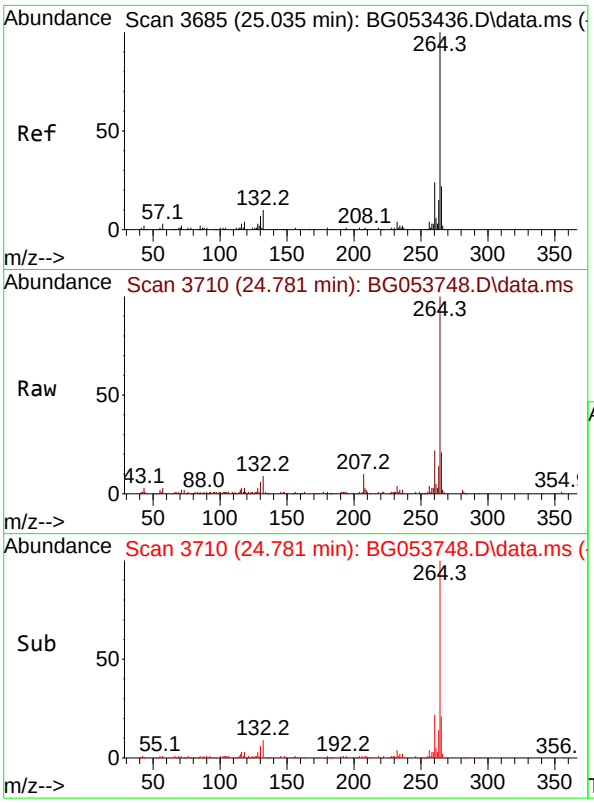


#79
Terphenyl-d14
Concen: 105.596 ng
RT: 19.952 min Scan# 2888
Delta R.T. -0.000 min
Lab File: BG053748.D
Acq: 28 May 2022 13:09

Tgt Ion:244 Resp: 783708

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	5.7	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.781 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG053748.D
Acq: 28 May 2022 13:09

Instrument :
BNA_G
ClientSampleId :
PB145086BL

Tgt Ion:264 Resp: 136307

Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.0	28.6
265	21.2	17.4	26.2