Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
Data File : BG052355.D
Acq On : 10 Feb 2022 15:43
Operator : CG/JU
Sample : N1432-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-5

Quant Time: Feb 10 17:50:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	28920	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	113594	20.000	ng	# 0.00
39) Acenaphthene-d10	14.872	164	80583	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	204215	20.000	ng	0.00
76) Chrysene-d12	21.939	240	202846	20.000	ng	0.00
86) Perylene-d12	25.411	264	201675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	146365	88.207	ng	0.00
7) Phenol-d6	7.371	99	208640	81.491	ng	0.00
23) Nitrobenzene-d5	9.397	82	144371	55.236	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	114383	98.802	ng	0.00
45) 2-Fluorobiphenyl	13.492	172	334442	57.670	ng	0.00
79) Terphenyl-d14	20.212	244	662049	57.634	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.371	77	459	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.397	70	19763	10.239	ng	# 77
51) 2,6-Dinitrotoluene	14.872	165	10923	8.200	ng	# 17
57) 2,4-Dinitrotoluene	14.872	165	10923	5.761	ng	# 16
67) 4-Bromophenyl-phenylether	16.358	248	7219	2.907	ng	# 1
77) Benzidine	20.212	184	9106	2.101	ng	# 90

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

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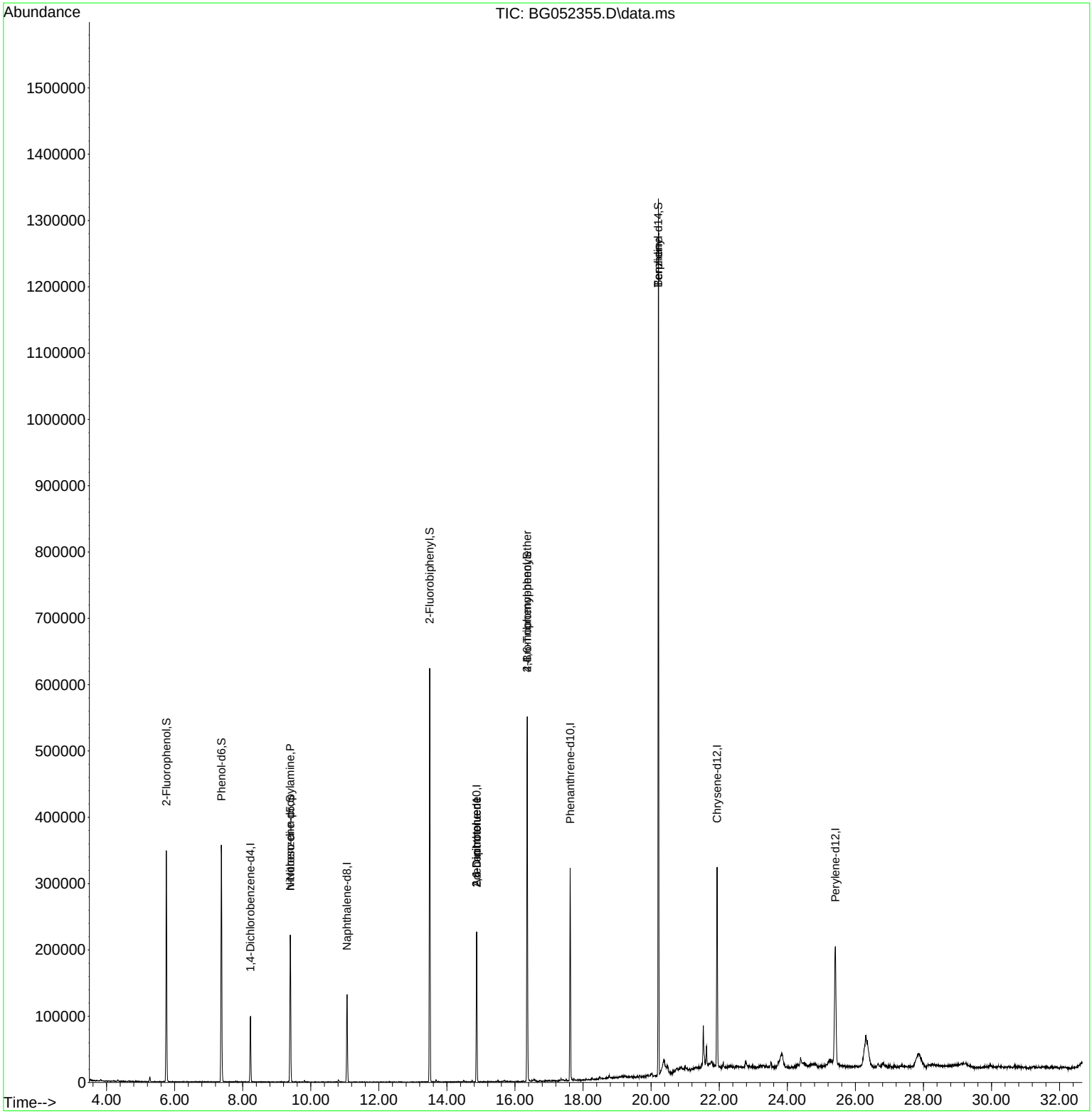
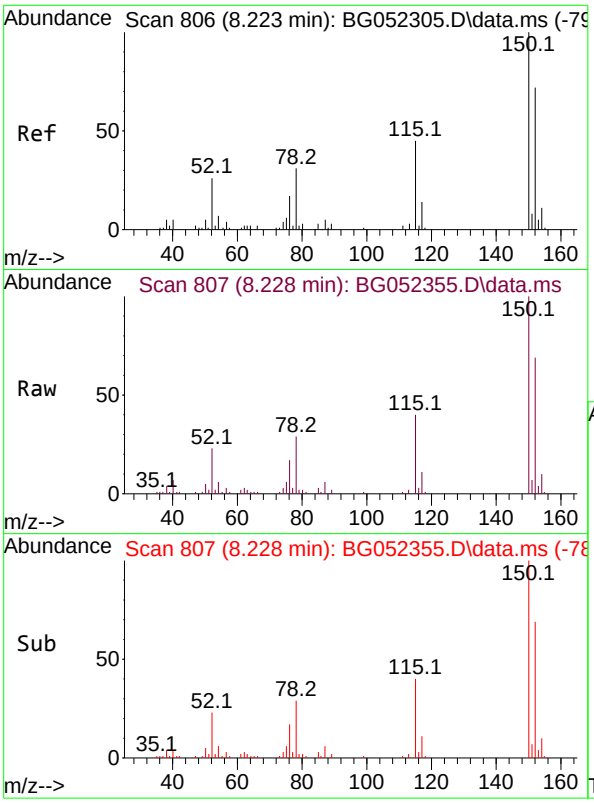


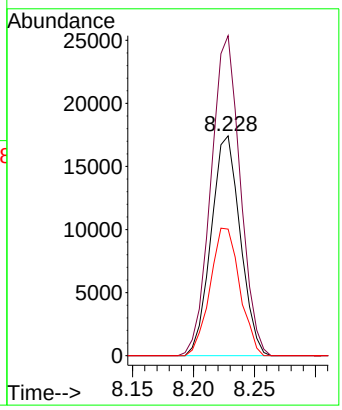


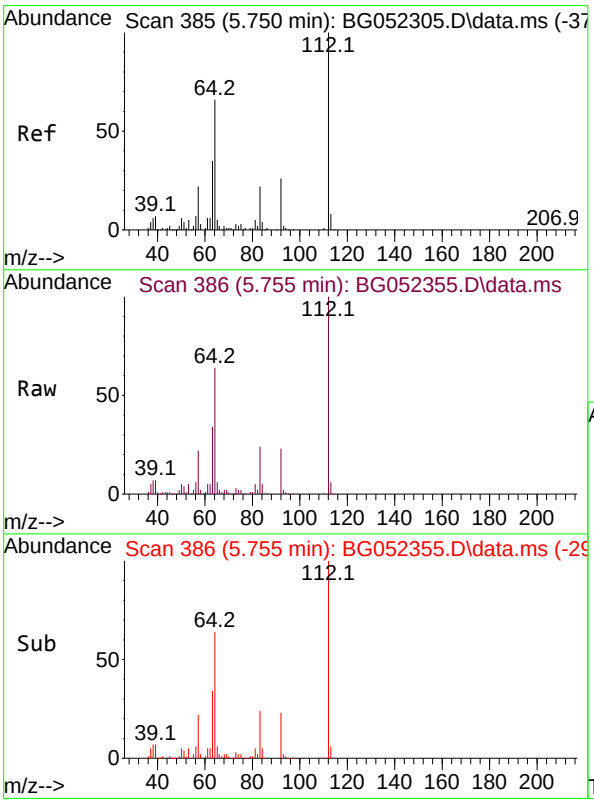
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 8
Delta R.T. 0.005 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:152 Resp: 28920

Ion	Ratio	Lower	Upper
152	100		
150	145.6	117.8	176.8
115	57.6	50.2	75.2

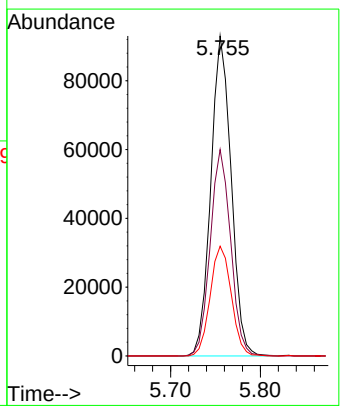


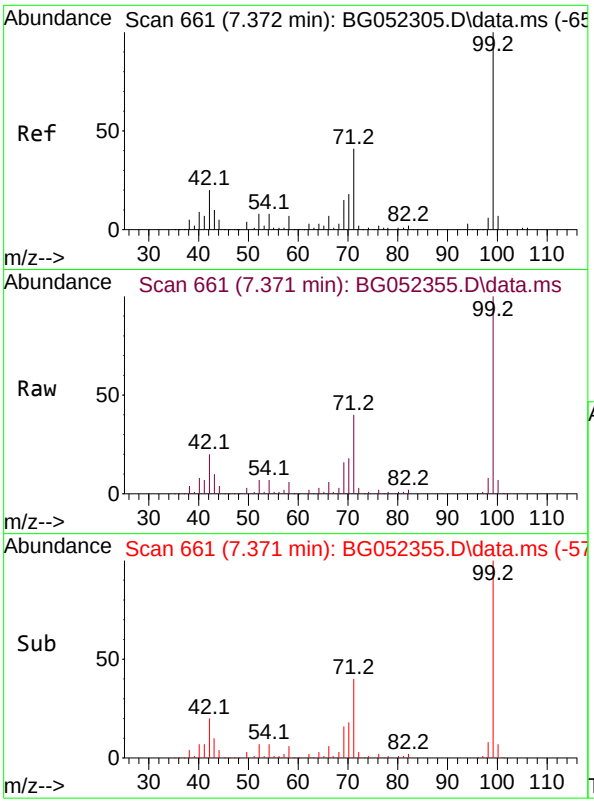


#5
2-Fluorophenol
Concen: 88.207 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion:112 Resp: 146365

Ion	Ratio	Lower	Upper
112	100		
64	64.5	60.4	90.6
63	34.3	33.3	49.9



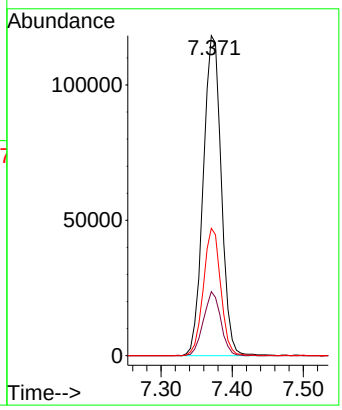


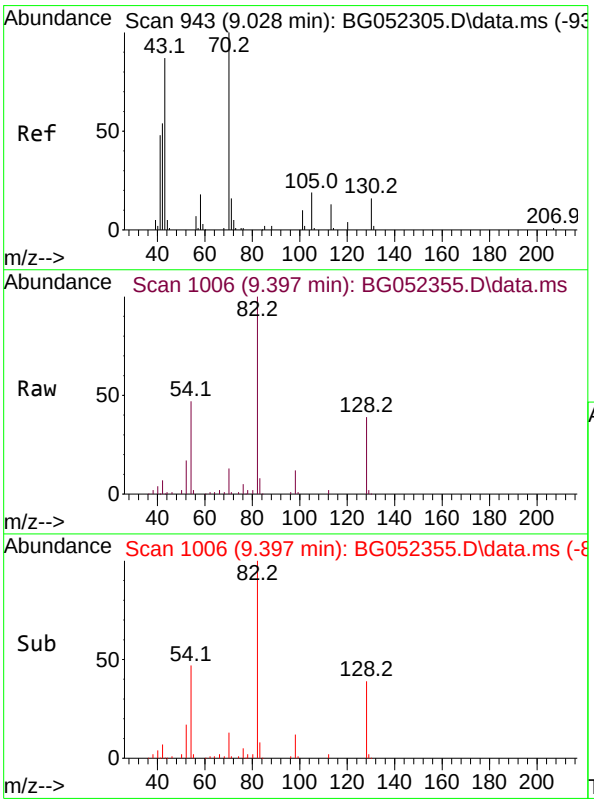
#7
Phenol-d6
Concen: 81.491 ng
RT: 7.371 min Scan# 6
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion: 99 Resp: 208640

Ion	Ratio	Lower	Upper
99	100		
42	20.0	19.1	28.7
71	39.8	33.4	50.2

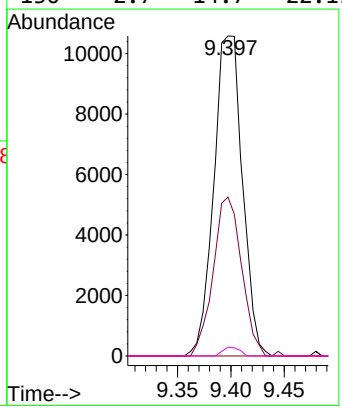


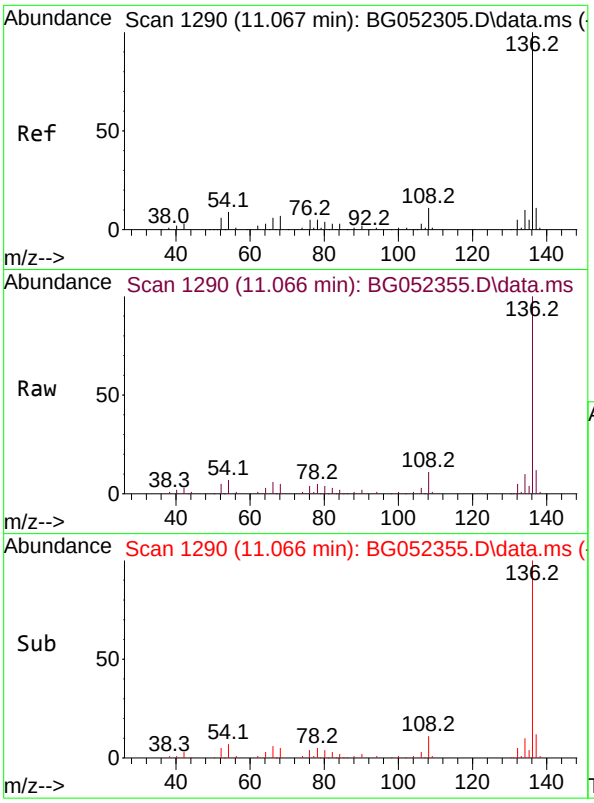


#19
n-Nitroso-di-n-propylamine
Concen: 10.239 ng
RT: 9.397 min Scan# 1006
Delta R.T. 0.369 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion: 70 Resp: 19763

Ion	Ratio	Lower	Upper
70	100		
42	49.7	51.8	77.6#
101	0.0	6.6	10.0#
130	2.7	14.7	22.1#



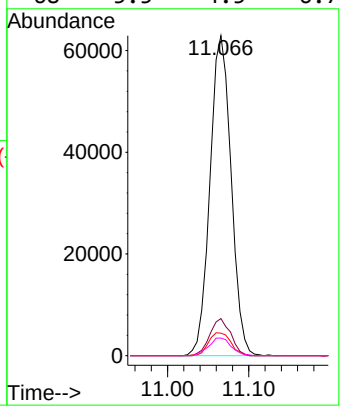


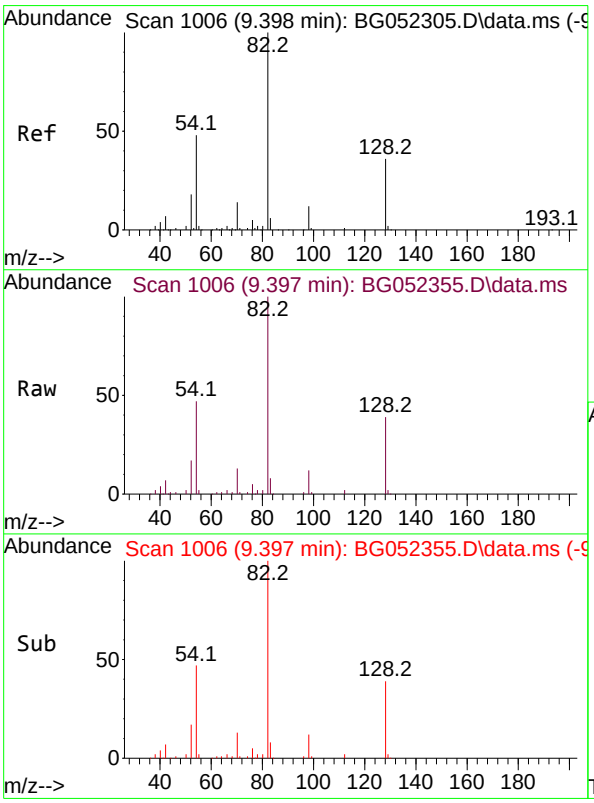
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:136 Resp: 113594

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.1	8.3	12.5#
68	5.5	4.5	6.7

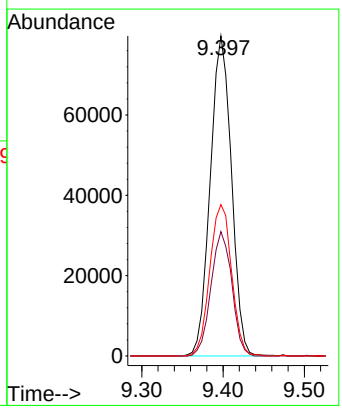


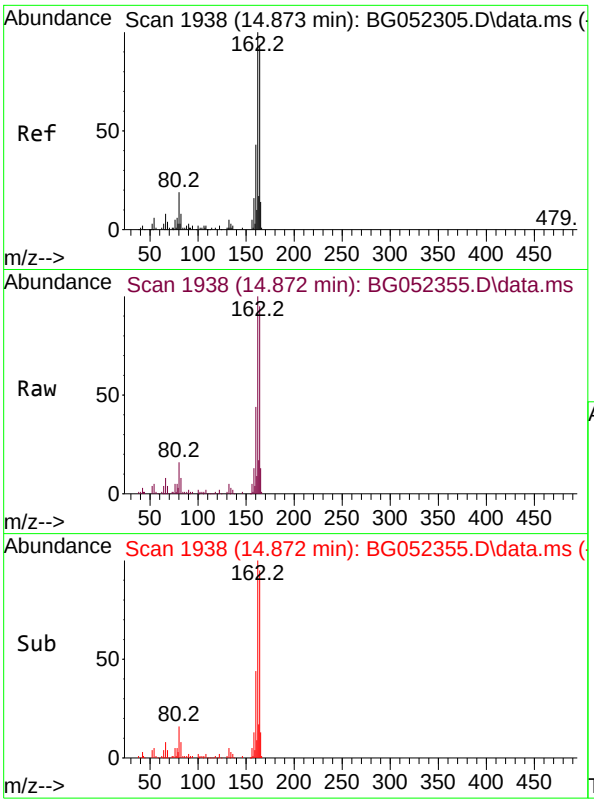


#23
Nitrobenzene-d5
Concen: 55.236 ng
RT: 9.397 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion: 82 Resp: 144371

Ion	Ratio	Lower	Upper
82	100		
128	38.8	27.0	40.4
54	47.3	41.0	61.6



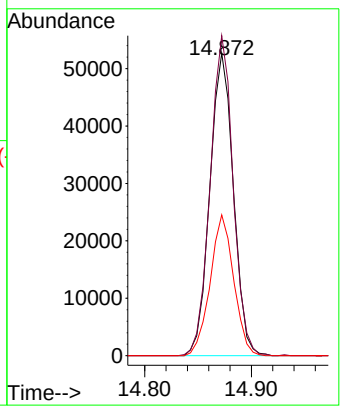


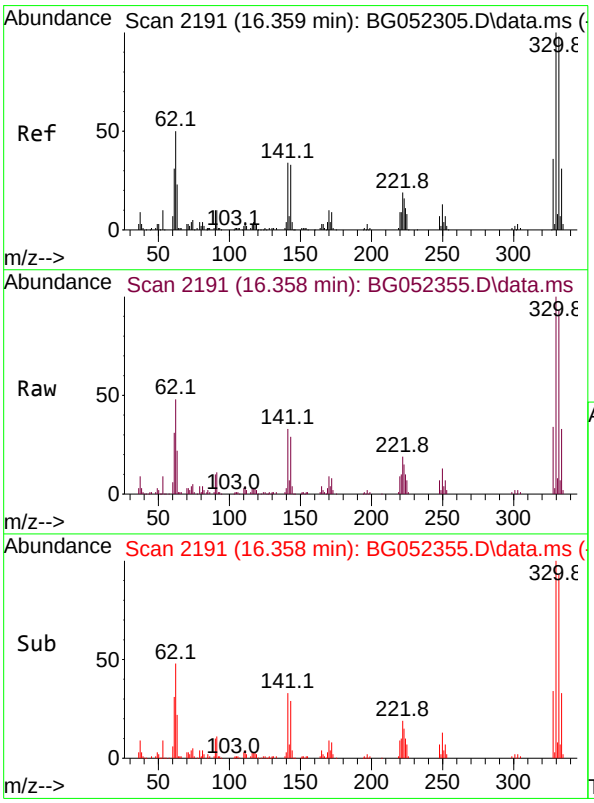
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.872 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:164 Resp: 80583

Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.2	123.2
160	46.5	36.2	54.2

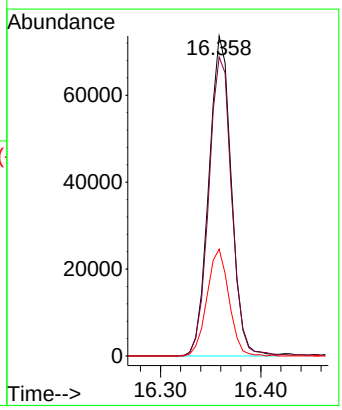


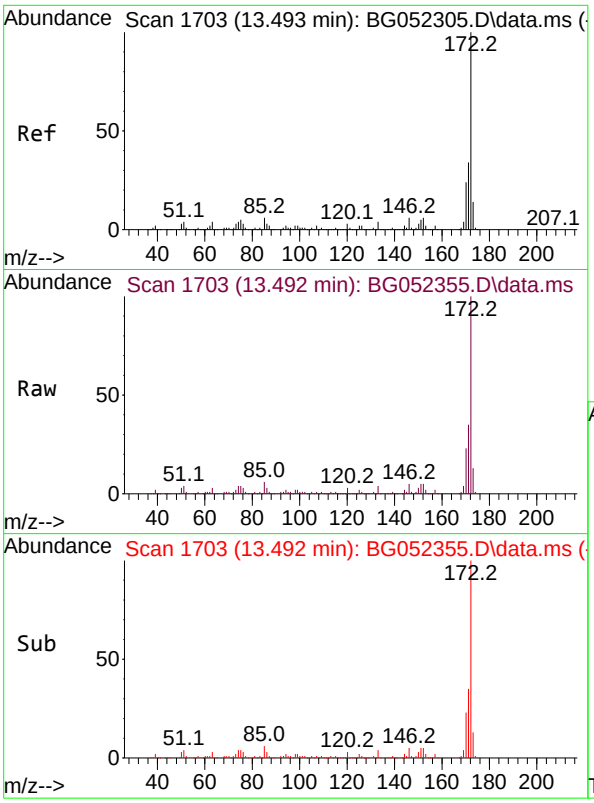


#42
2,4,6-Tribromophenol
Concen: 98.802 ng
RT: 16.358 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion:330 Resp: 114383

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.6	117.8
141	32.7	28.8	43.2



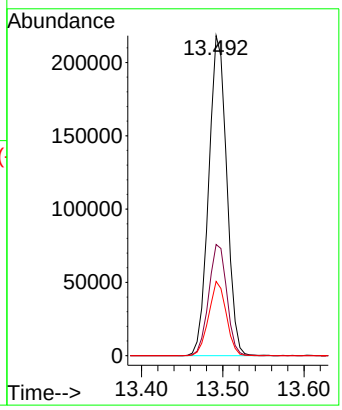


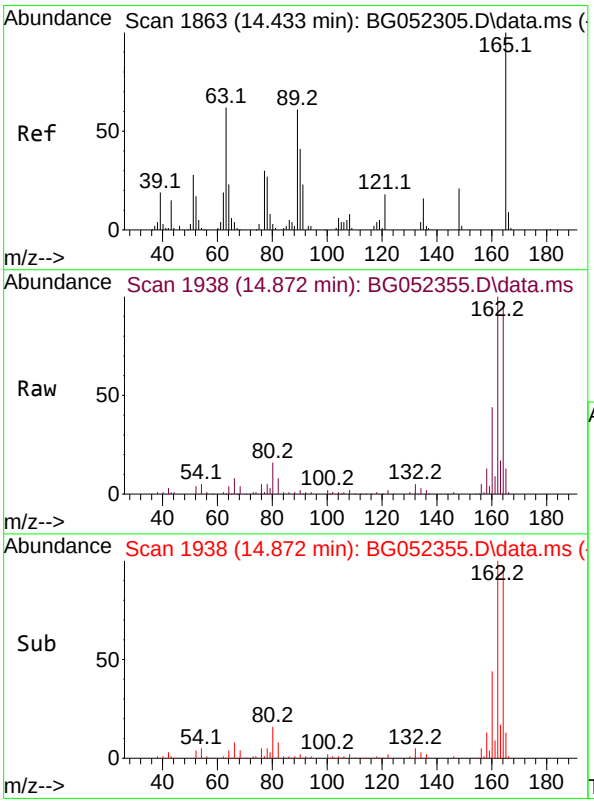
#45
2-Fluorobiphenyl
Concen: 57.670 ng
RT: 13.492 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:172 Resp: 334442

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	23.2	18.3	27.5

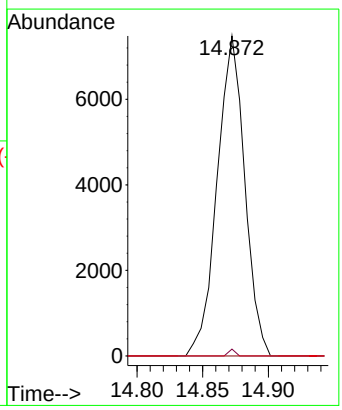


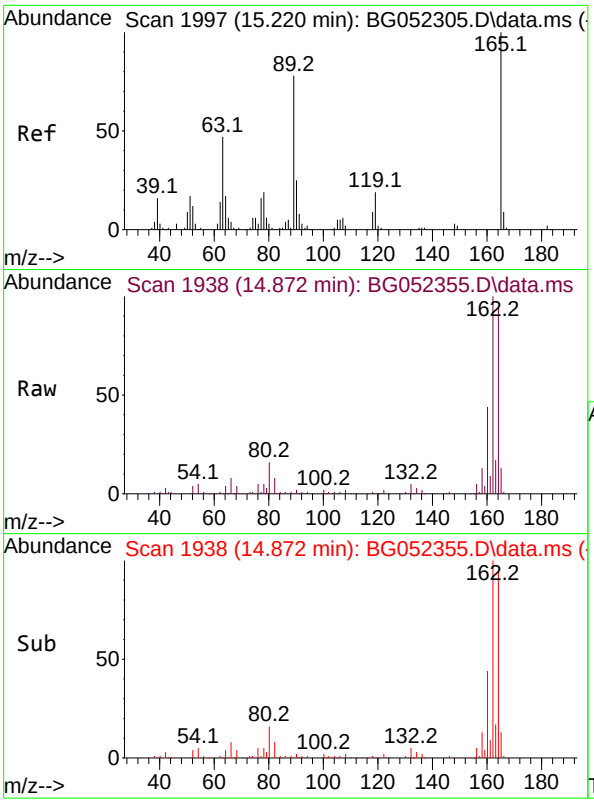


#51
2,6-Dinitrotoluene
Concen: 8.200 ng
RT: 14.872 min Scan# 1938
Delta R.T. 0.440 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion:165 Resp: 10923

Ion	Ratio	Lower	Upper
165	100		
63	2.1	59.0	88.4#
89	0.0	49.4	74.0#



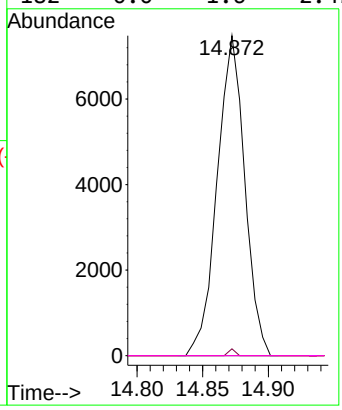


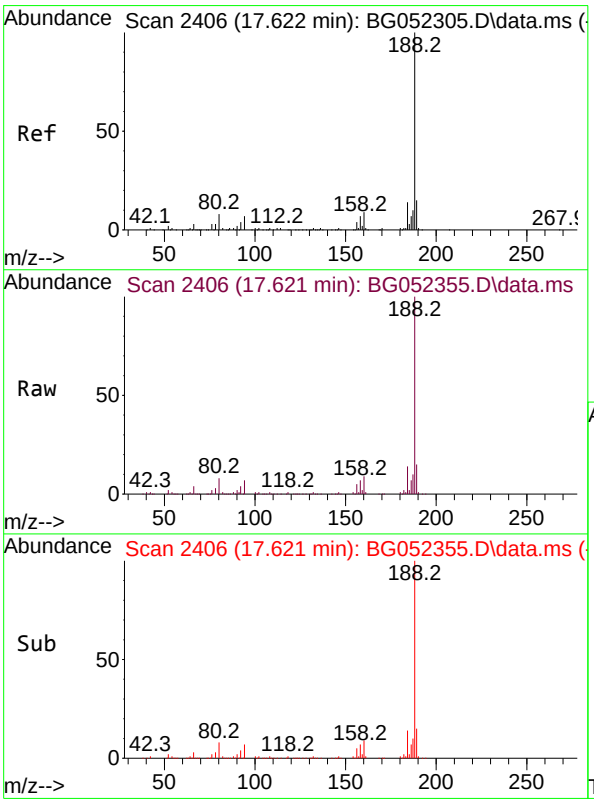
#57
2,4-Dinitrotoluene
Concen: 5.761 ng
RT: 14.872 min Scan# 1
Delta R.T. -0.348 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:165 Resp: 10923

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.6	66.8#
89	0.0	67.4	101.0#
182	0.0	1.6	2.4#

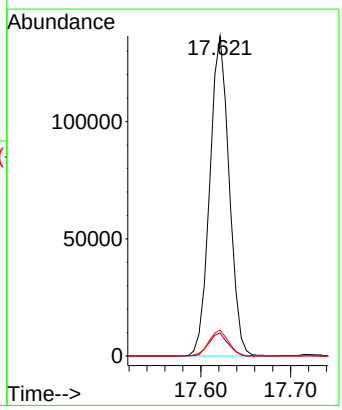


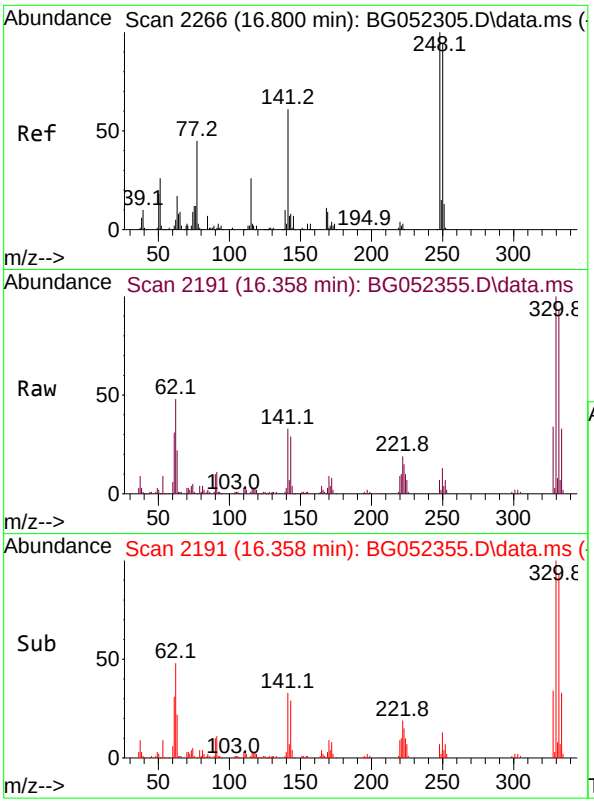


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2406
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion:188 Resp: 204215

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.9	8.9
80	8.1	6.6	10.0



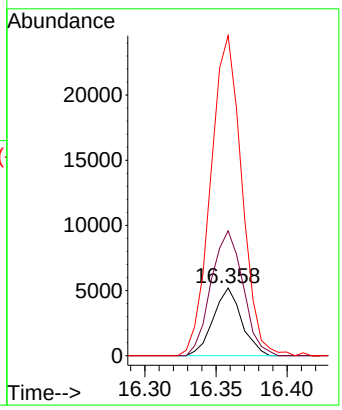


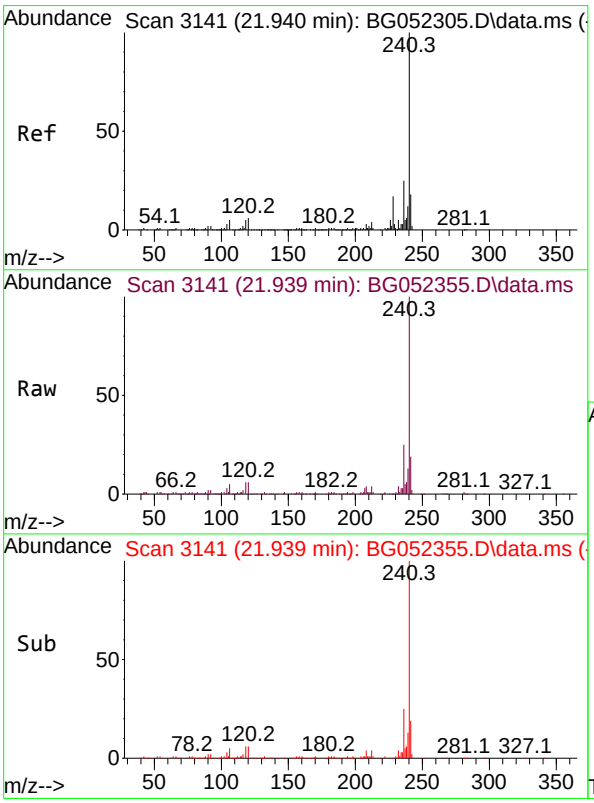
#67
4-Bromophenyl-phenylether
Concen: 2.907 ng
RT: 16.358 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:248 Resp: 7219

Ion	Ratio	Lower	Upper
248	100		
250	184.3	79.6	119.4#
141	472.3	54.6	81.8#

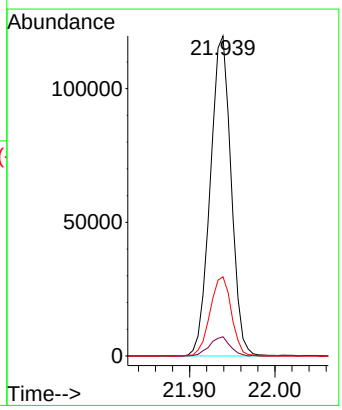


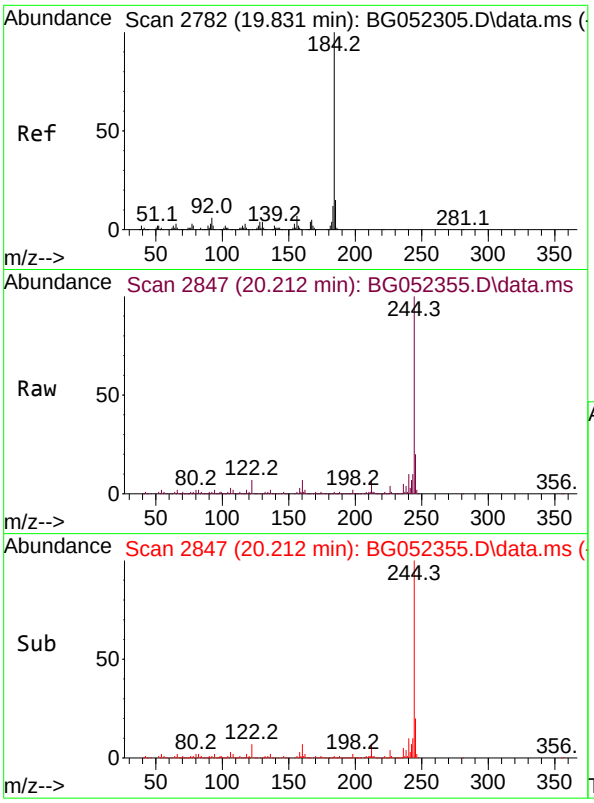


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion:240 Resp: 202846

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.4	6.6
236	24.8	20.8	31.2



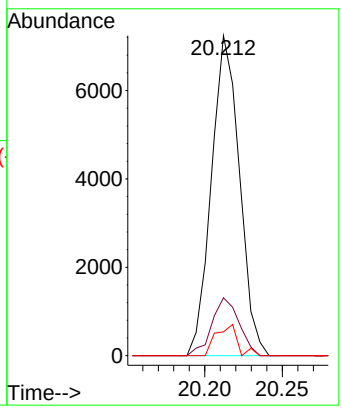


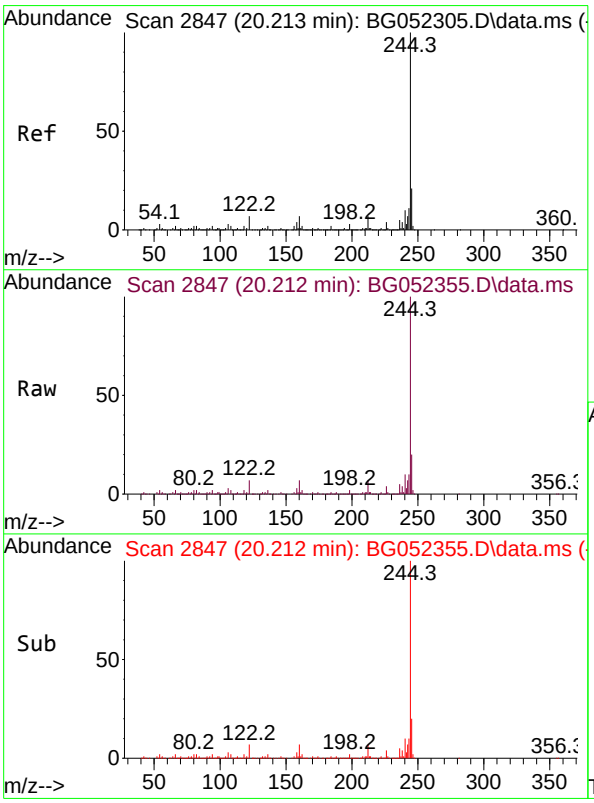
#77
Benzidine
Concen: 2.101 ng
RT: 20.212 min Scan# 2
Delta R.T. 0.381 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:184 Resp: 9106

Ion	Ratio	Lower	Upper
184	100		
185	18.1	11.8	17.8#
183	7.5	9.8	14.6#

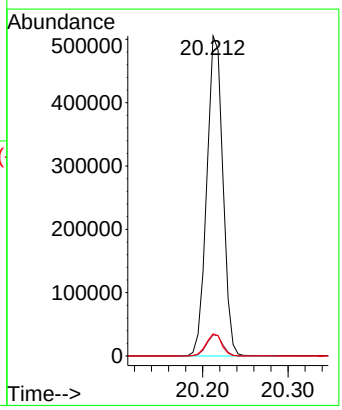


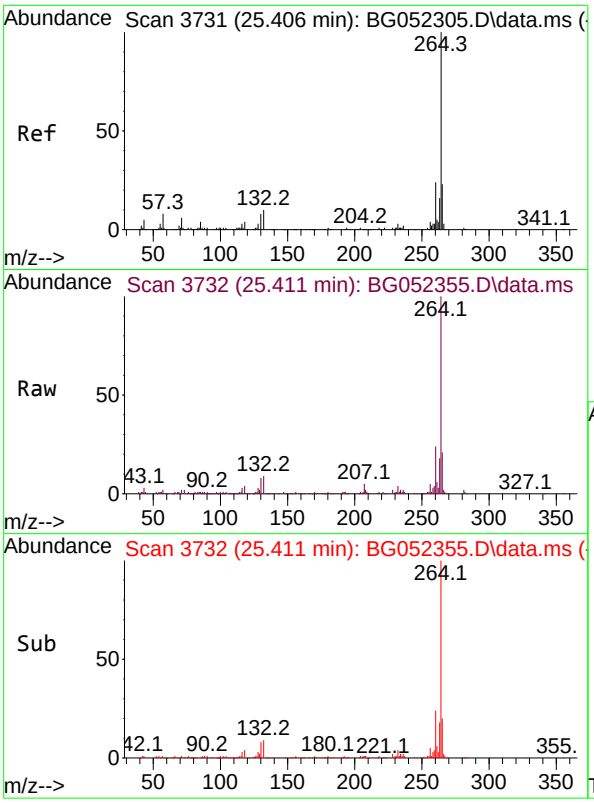


#79
Terphenyl-d14
Concen: 57.634 ng
RT: 20.212 min Scan# 2847
Delta R.T. -0.001 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Tgt Ion:244 Resp: 662049

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	7.0	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.411 min Scan# 3
Delta R.T. 0.005 min
Lab File: BG052355.D
Acq: 10 Feb 2022 15:43

Instrument :
BNA_G
ClientSampleId :
SP-5

Tgt Ion:264 Resp: 201675

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	20.6	17.8	26.6