Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
Data File : BG052331.D
Acq On : 9 Feb 2022 11:53
Operator : CG/JU
Sample : PB142538TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB142538TB

Quant Time: Feb 09 12:40:41 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	8.229	152	25415	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	107481	20.000	ng	0.00
39) Acenaphthene-d10	14.873	164	81237	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	211758	20.000	ng	0.00
76) Chrysene-d12	21.940	240	218775	20.000	ng	0.00
86) Perylene-d12	25.417	264	203298	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	204053	139.932	ng	0.00
7) Phenol-d6	7.377	99	294350	130.824	ng	0.00
23) Nitrobenzene-d5	9.404	82	201244	81.375	ng	0.00
42) 2,4,6-Tribromophenol	16.365	330	159302	136.494	ng	0.00
45) 2-Fluorobiphenyl	13.498	172	500480	85.605	ng	0.00
79) Terphenyl-d14	20.218	244	1099232	88.726	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.398	70	27801	16.390	ng	# 69
51) 2,6-Dinitrotoluene	14.879	165	10940	8.146	ng	# 17
57) 2,4-Dinitrotoluene	14.879	165	10940	5.724	ng	# 16
67) 4-Bromophenyl-phenylether	16.359	248	10421	4.047	ng	# 1
77) Benzidine	20.218	184	16078	3.439	ng	# 88

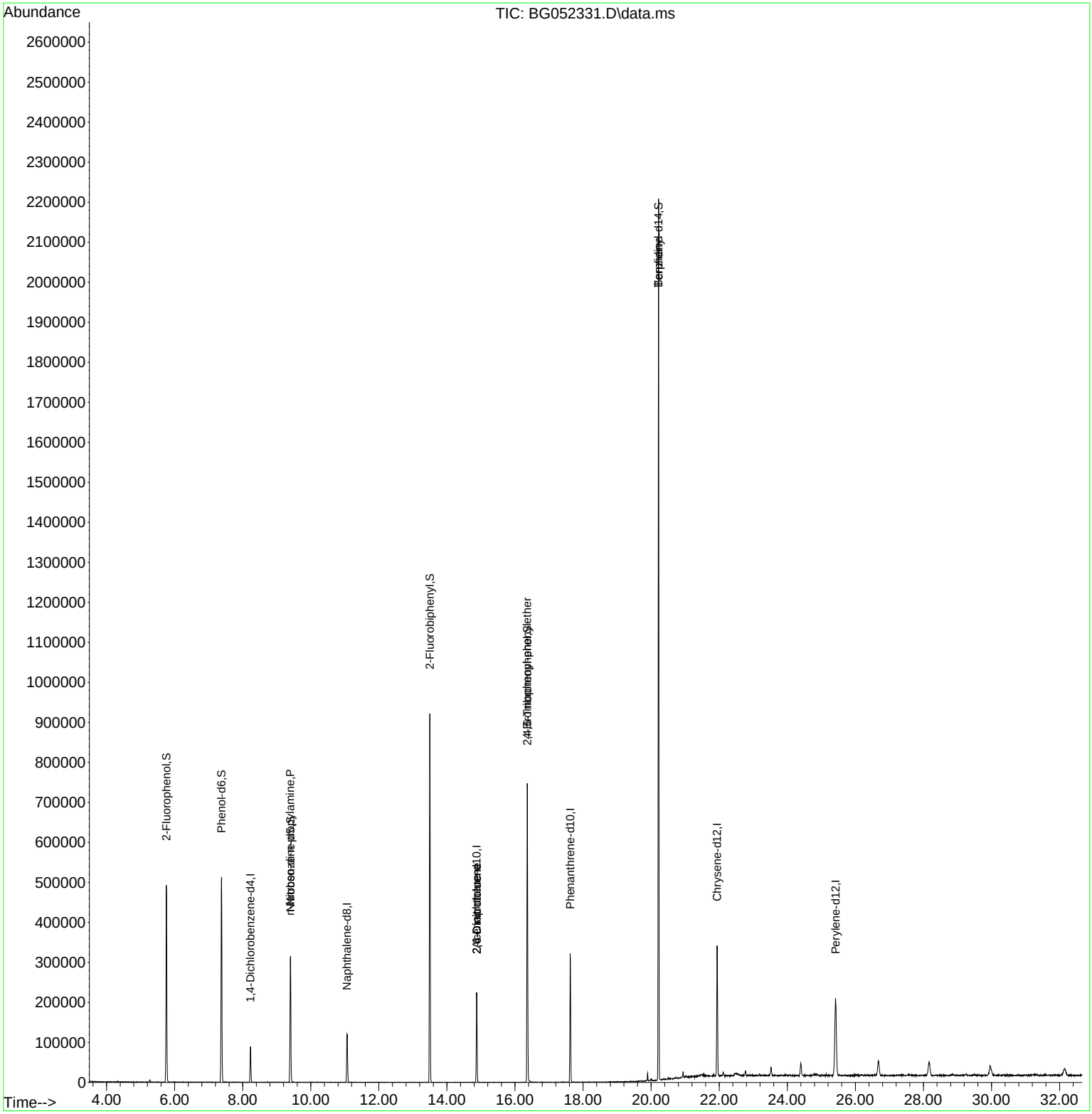
(#) = qualifier out of range (m) = manual integration (+) = signals summed

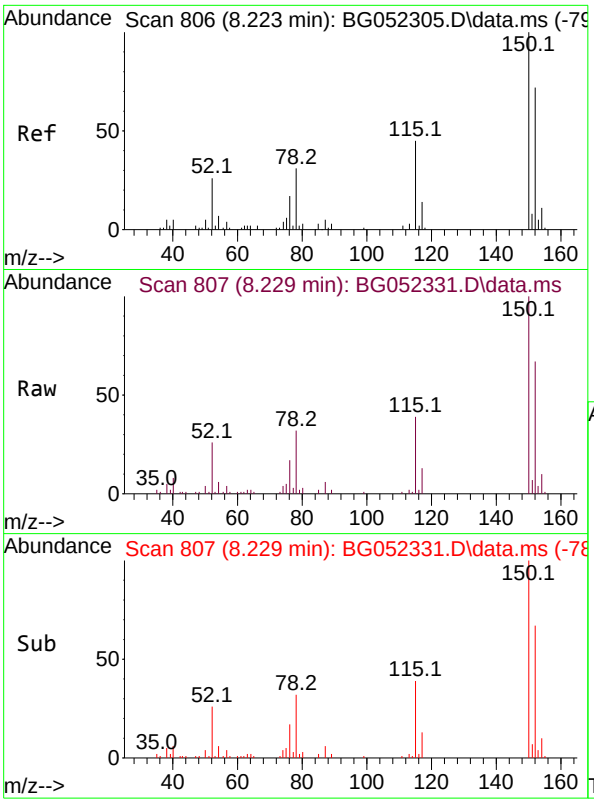
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
Data File : BG052331.D
Acq On : 9 Feb 2022 11:53
Operator : CG/JU
Sample : PB142538TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB142538TB

Quant Time: Feb 09 12:40:41 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



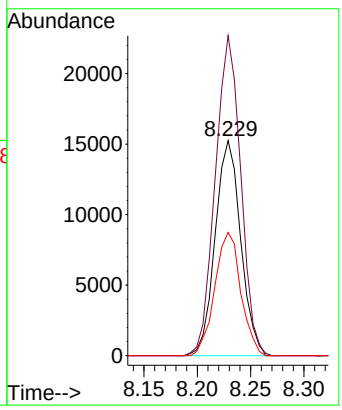


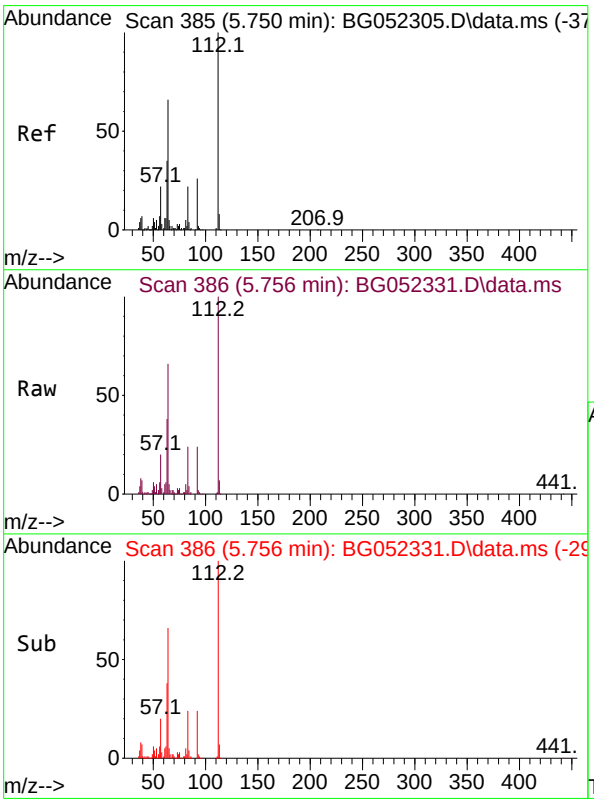
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 8(
Delta R.T. 0.006 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Instrument :
BNA_G
ClientSampleId :
PB142538TB

Tgt Ion:152 Resp: 25415

Ion	Ratio	Lower	Upper
152	100		
150	148.8	117.8	176.8
115	57.3	50.2	75.2

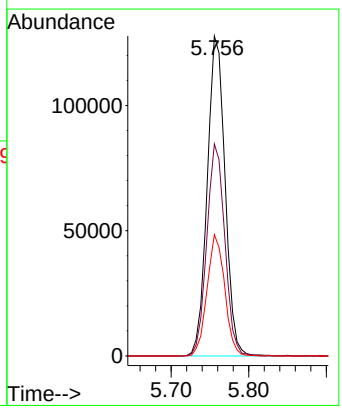


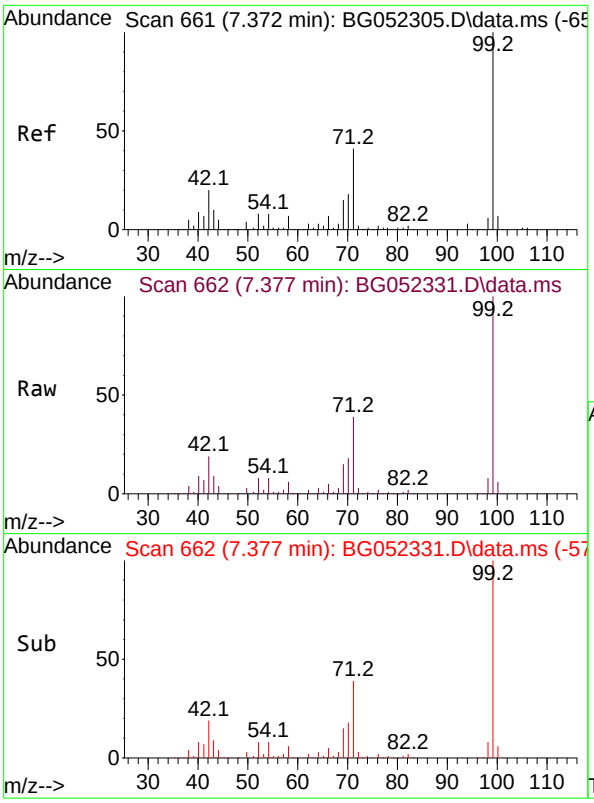


#5
2-Fluorophenol
Concen: 139.932 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Tgt Ion:112 Resp: 204053

Ion	Ratio	Lower	Upper
112	100		
64	66.2	60.4	90.6
63	37.9	33.3	49.9



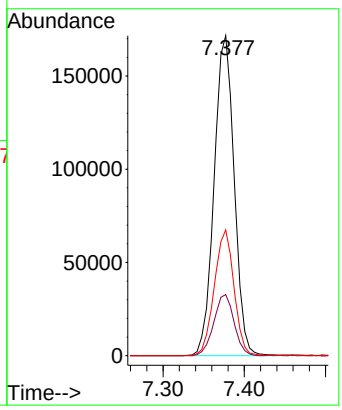


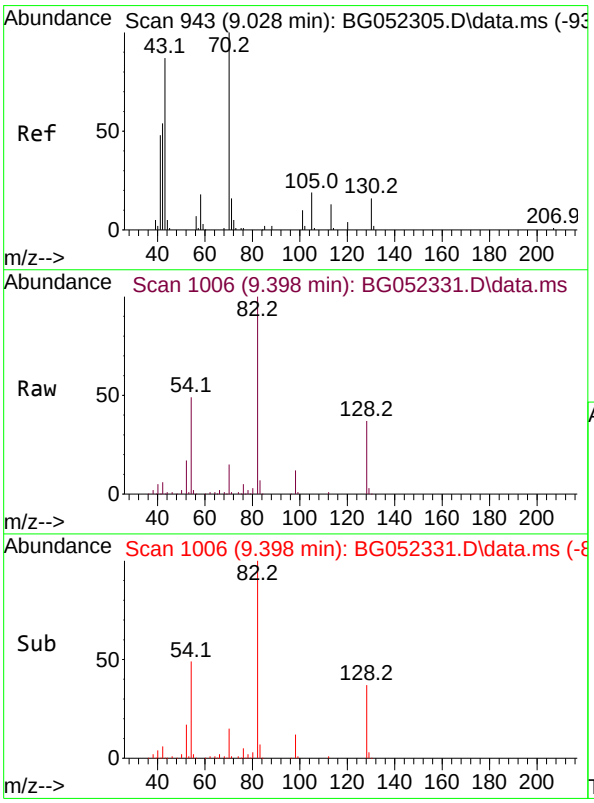
#7
Phenol-d6
Concen: 130.824 ng
RT: 7.377 min Scan# 6
Delta R.T. 0.005 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Instrument :
BNA_G
ClientSampleId :
PB142538TB

Tgt Ion: 99 Resp: 294350

Ion	Ratio	Lower	Upper
99	100		
42	19.1	19.1	28.7#
71	39.3	33.4	50.2

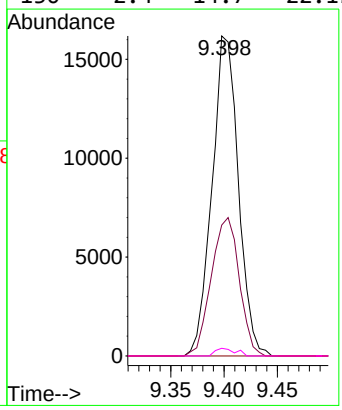


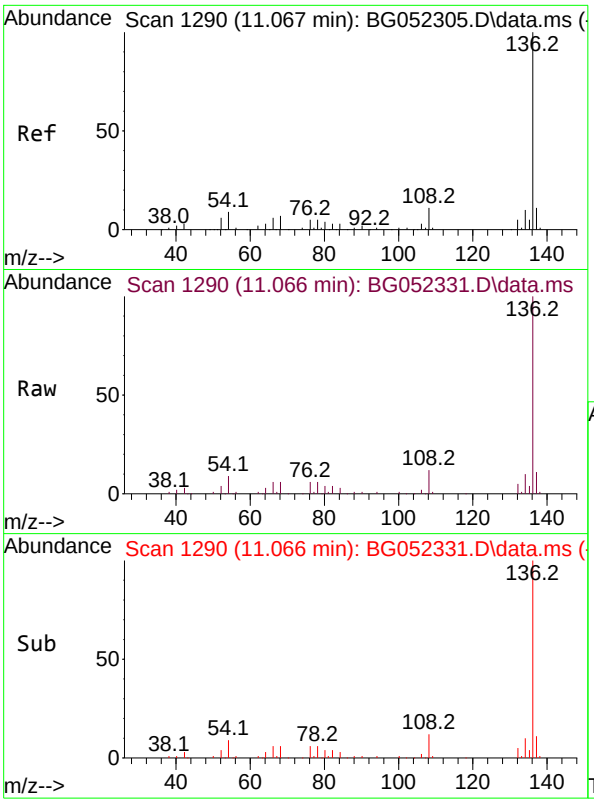


#19
n-Nitroso-di-n-propylamine
Concen: 16.390 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.370 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Tgt Ion: 70 Resp: 27801

Ion	Ratio	Lower	Upper
70	100		
42	40.9	51.8	77.6#
101	0.0	6.6	10.0#
130	2.4	14.7	22.1#



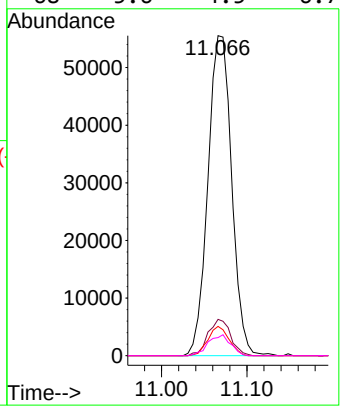


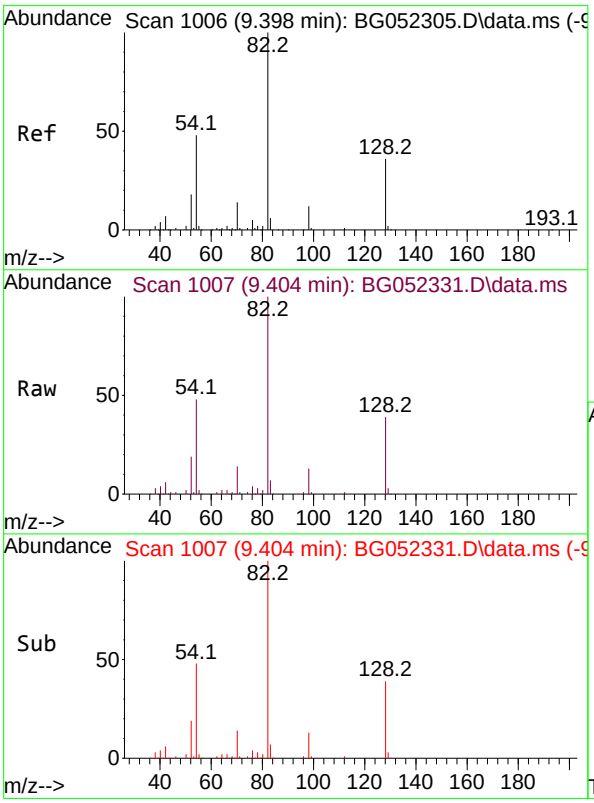
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Instrument :
BNA_G
ClientSampleId :
PB142538TB

Tgt Ion:136 Resp: 107481

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.1	8.3	12.5
68	5.6	4.5	6.7

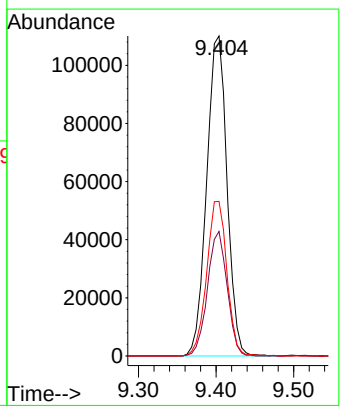


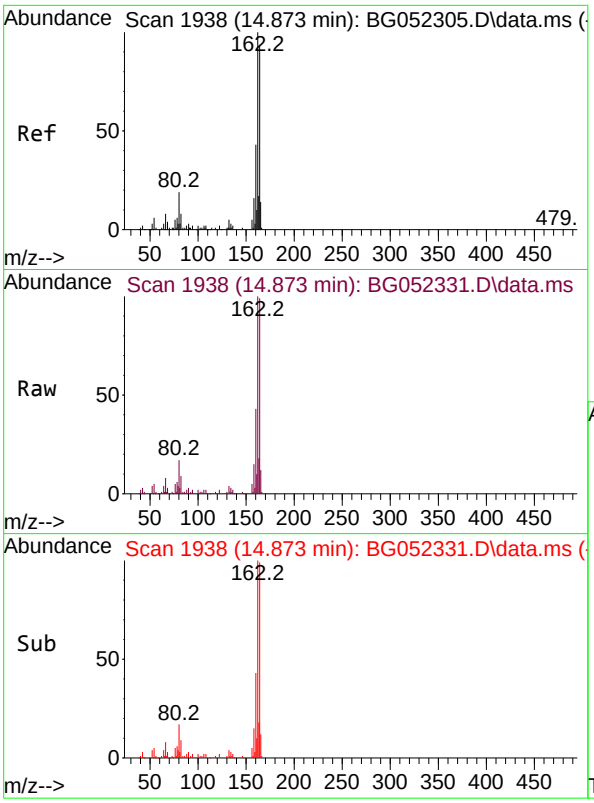


#23
Nitrobenzene-d5
Concen: 81.375 ng
RT: 9.404 min Scan# 1007
Delta R.T. 0.005 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Tgt Ion: 82 Resp: 201244

Ion	Ratio	Lower	Upper
82	100		
128	38.9	27.0	40.4
54	48.3	41.0	61.6



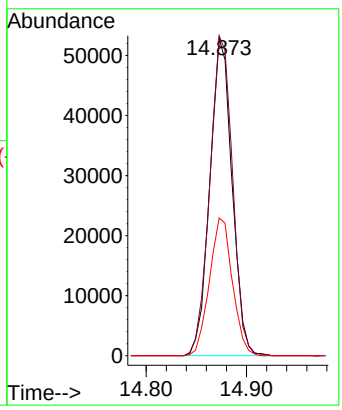


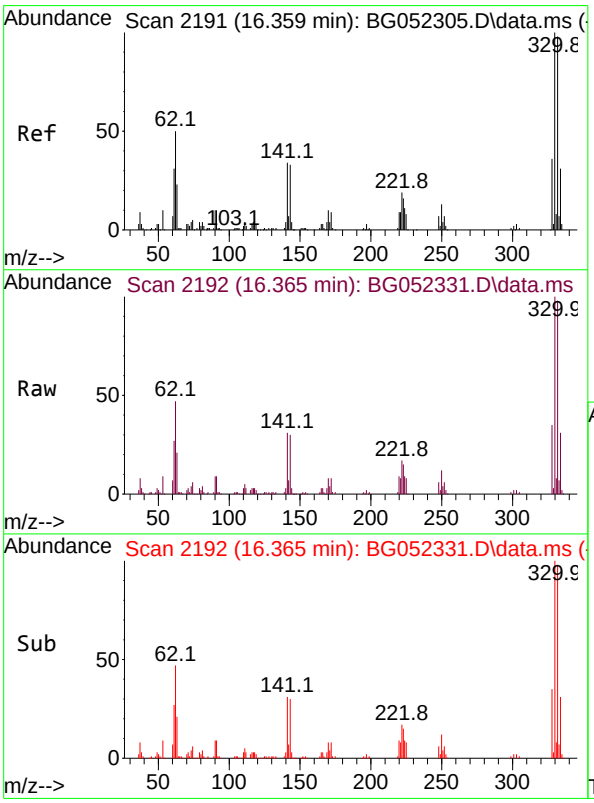
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.873 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Instrument :
BNA_G
ClientSampleId :
PB142538TB

Tgt Ion:164 Resp: 81237

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.2
160	43.4	36.2	54.2

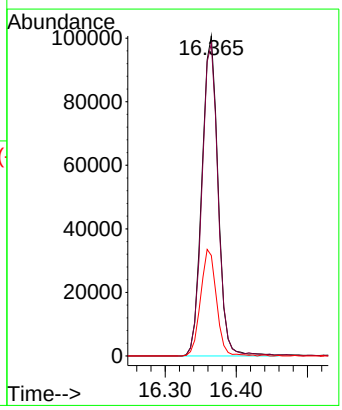


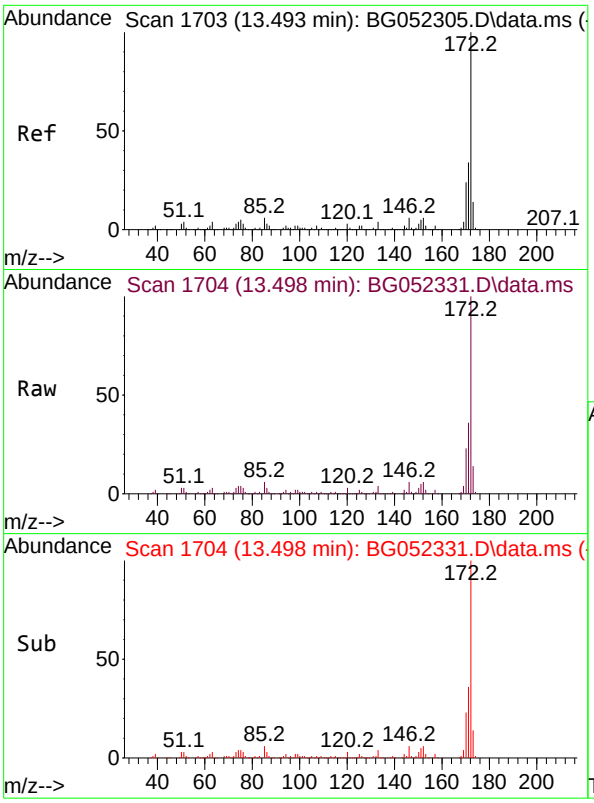


#42
2,4,6-Tribromophenol
Concen: 136.494 ng
RT: 16.365 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Tgt Ion:330 Resp: 159302

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.6	117.8
141	32.6	28.8	43.2



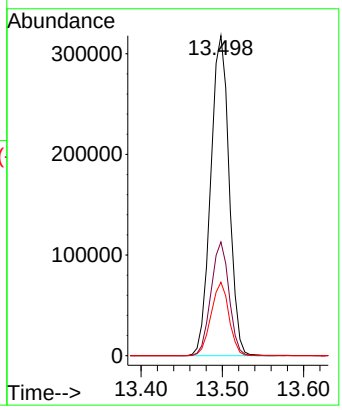


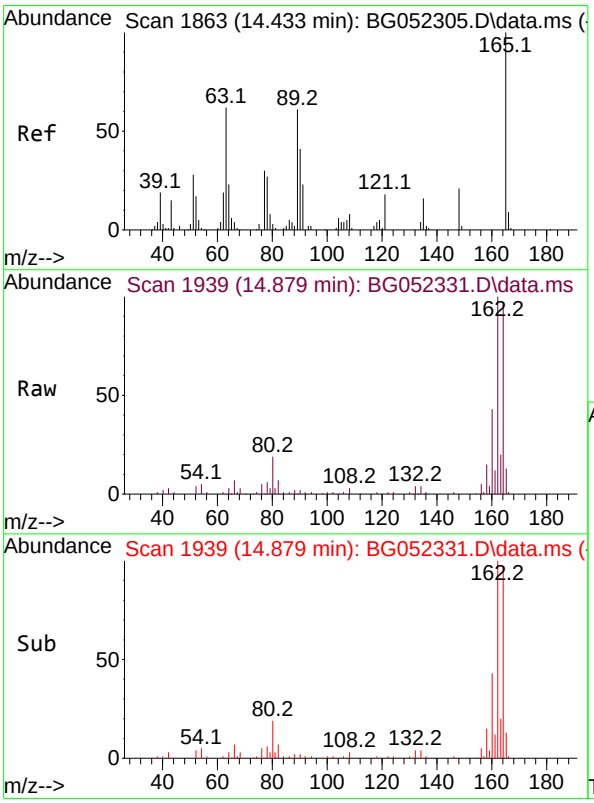
#45
2-Fluorobiphenyl
Concen: 85.605 ng
RT: 13.498 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Instrument :
BNA_G
ClientSampleId :
PB142538TB

Tgt Ion:172 Resp: 500480

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	22.9	18.3	27.5

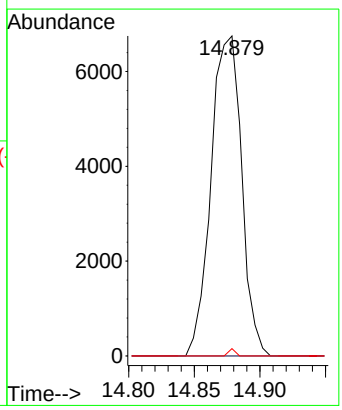


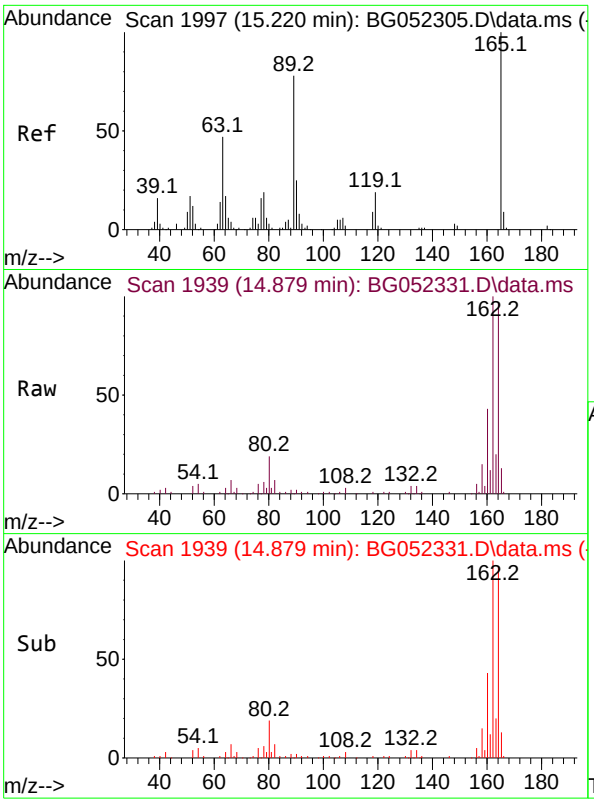


#51
2,6-Dinitrotoluene
Concen: 8.146 ng
RT: 14.879 min Scan# 1939
Delta R.T. 0.446 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Tgt Ion:165 Resp: 10940

Ion	Ratio	Lower	Upper
165	100		
63	0.0	59.0	88.4#
89	2.3	49.4	74.0#



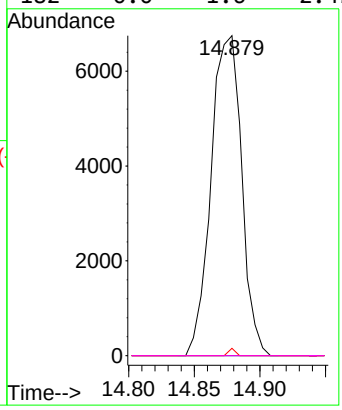


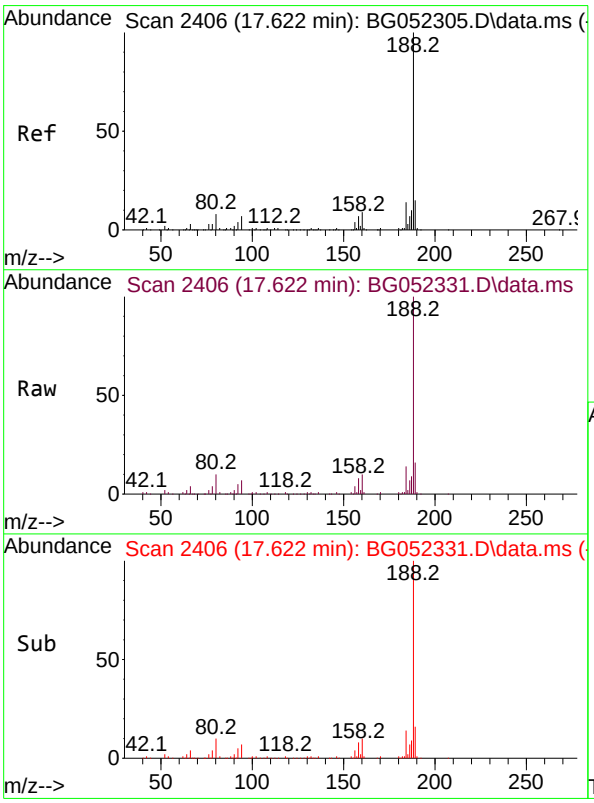
#57
2,4-Dinitrotoluene
Concen: 5.724 ng
RT: 14.879 min Scan# 1
Delta R.T. -0.341 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Instrument :
BNA_G
ClientSampleId :
PB142538TB

Tgt Ion:165 Resp: 10940

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.6	66.8#
89	2.3	67.4	101.0#
182	0.0	1.6	2.4#

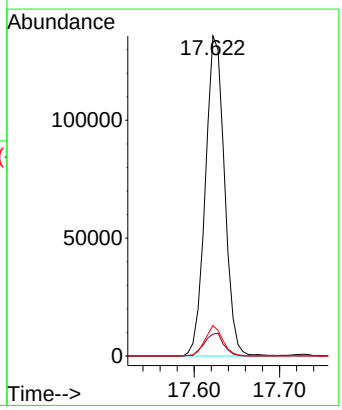


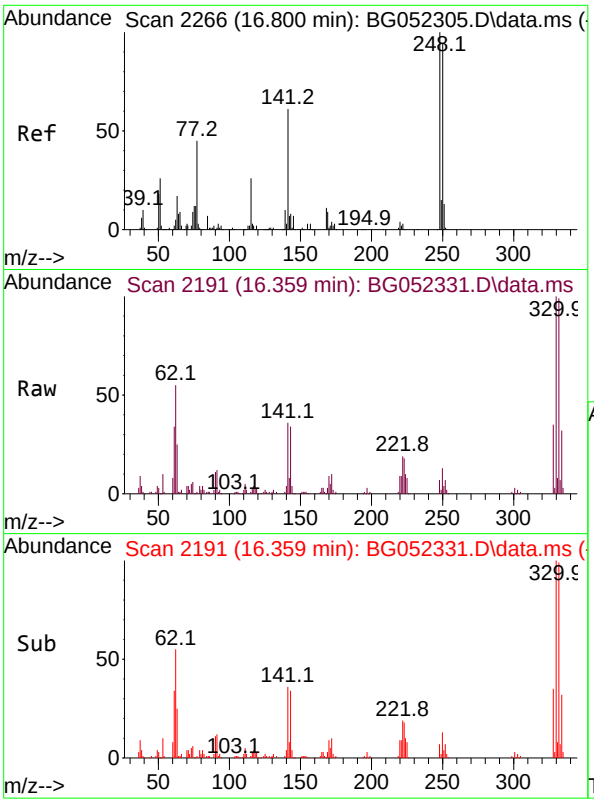


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.622 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Tgt Ion:188 Resp: 211758

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.9	8.9
80	9.5	6.6	10.0



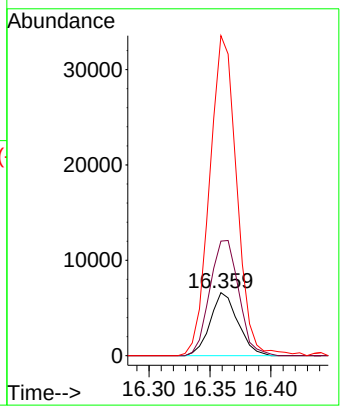


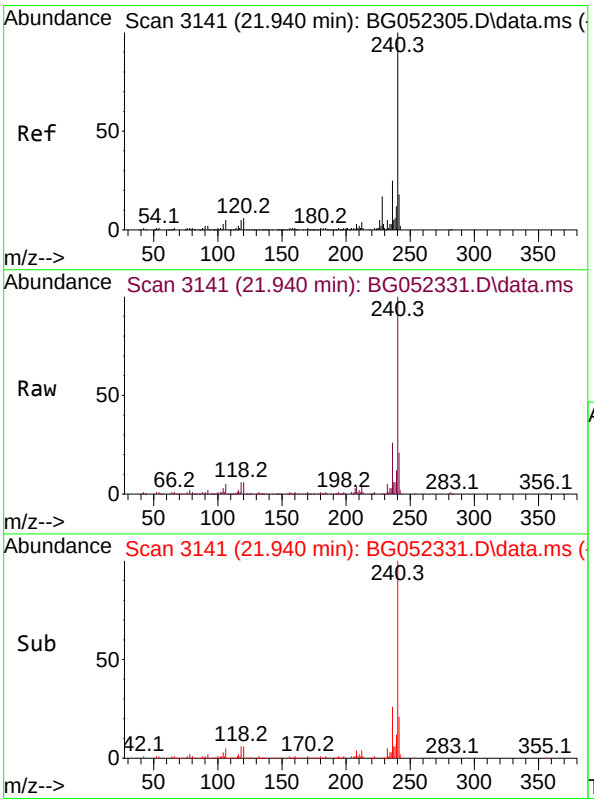
#67
4-Bromophenyl-phenylether
Concen: 4.047 ng
RT: 16.359 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Instrument :
BNA_G
ClientSampleId :
PB142538TB

Tgt Ion:248 Resp: 10421

Ion	Ratio	Lower	Upper
248	100		
250	181.5	79.6	119.4#
141	507.0	54.6	81.8#

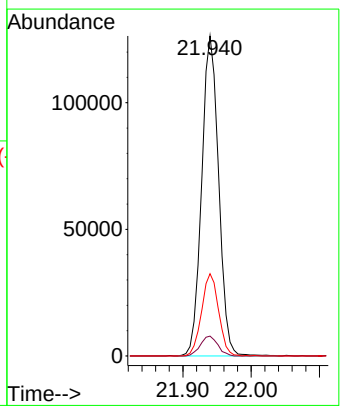


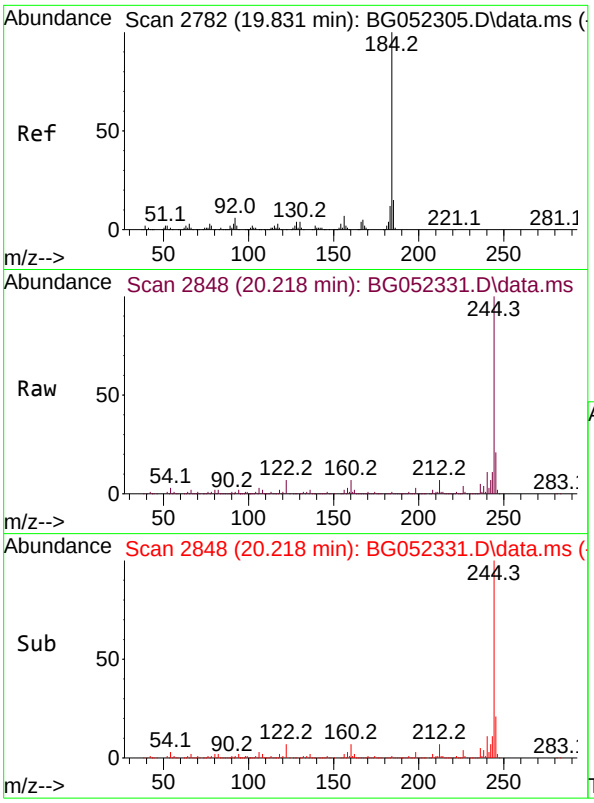


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.940 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Tgt Ion:240 Resp: 218775

Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.4	6.6
236	25.7	20.8	31.2



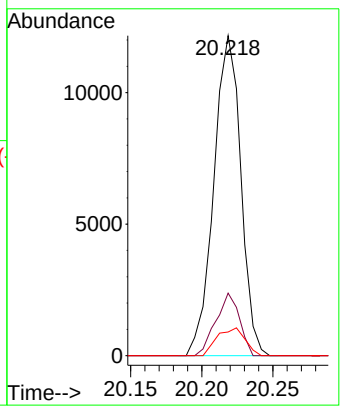


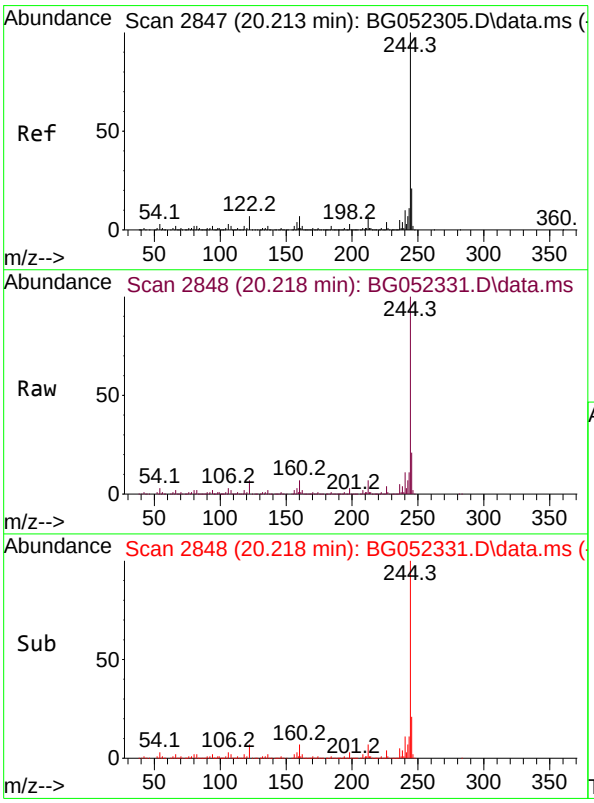
#77
Benzidine
Concen: 3.439 ng
RT: 20.218 min Scan# 2
Delta R.T. 0.387 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Instrument :
BNA_G
ClientSampleId :
PB142538TB

Tgt Ion:184 Resp: 16078

Ion	Ratio	Lower	Upper
184	100		
185	19.5	11.8	17.8#
183	7.4	9.8	14.6#

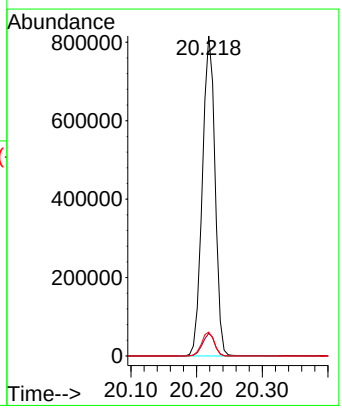


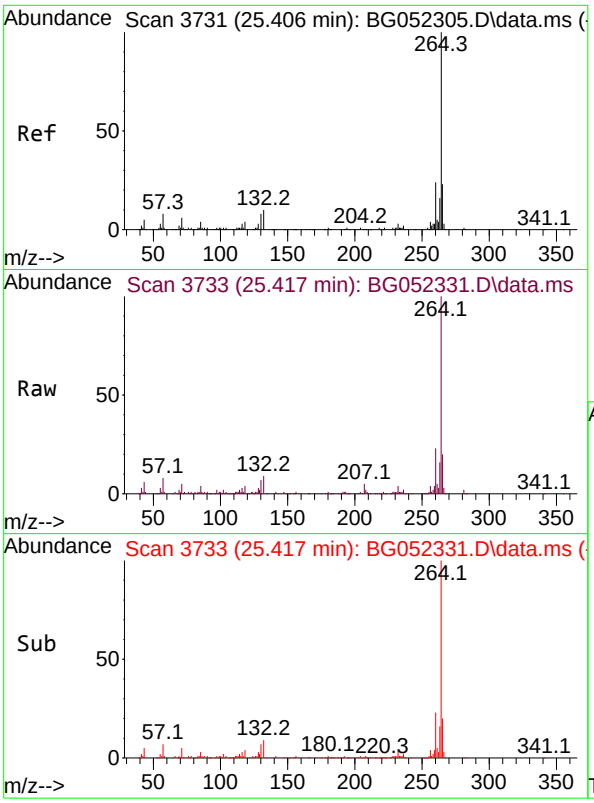


#79
Terphenyl-d14
Concen: 88.726 ng
RT: 20.218 min Scan# 2848
Delta R.T. 0.005 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Tgt Ion:244 Resp: 1099232

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	7.5	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.417 min Scan# 3
Delta R.T. 0.011 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Instrument :
BNA_G
ClientSampleId :
PB142538TB

Tgt Ion:264 Resp: 203298

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	20.0	17.8	26.6