Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
Data File : BG052511.D
Acq On : 28 Feb 2022 21:17
Operator : CG/JU
Sample : N1664-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2

Quant Time: Mar 01 01:00:36 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	8.216	152	34597	20.000	ng	0.00
21) Naphthalene-d8	11.054	136	139510	20.000	ng	#-0.01
39) Acenaphthene-d10	14.860	164	97799	20.000	ng	-0.01
64) Phenanthrene-d10	17.615	188	228646	20.000	ng	0.00
76) Chrysene-d12	21.927	240	215717	20.000	ng	-0.01
86) Perylene-d12	25.387	264	221934	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	139262	70.155	ng	0.00
7) Phenol-d6	7.364	99	210909	68.860	ng	0.00
23) Nitrobenzene-d5	9.391	82	152096	47.382	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	150329	106.993	ng	0.00
45) 2-Fluorobiphenyl	13.486	172	454995	64.646	ng	0.00
79) Terphenyl-d14	20.206	244	1028370	84.183	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.364	77	184	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.391	70	20192	8.745	ng	# 69
51) 2,6-Dinitrotoluene	14.866	165	12981	8.029	ng	# 16
57) 2,4-Dinitrotoluene	14.866	165	12981	5.641	ng	# 15
67) 4-Bromophenyl-phenylether	16.346	248	9404	3.382	ng	# 1
77) Benzidine	20.206	184	14121	3.064	ng	# 93

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

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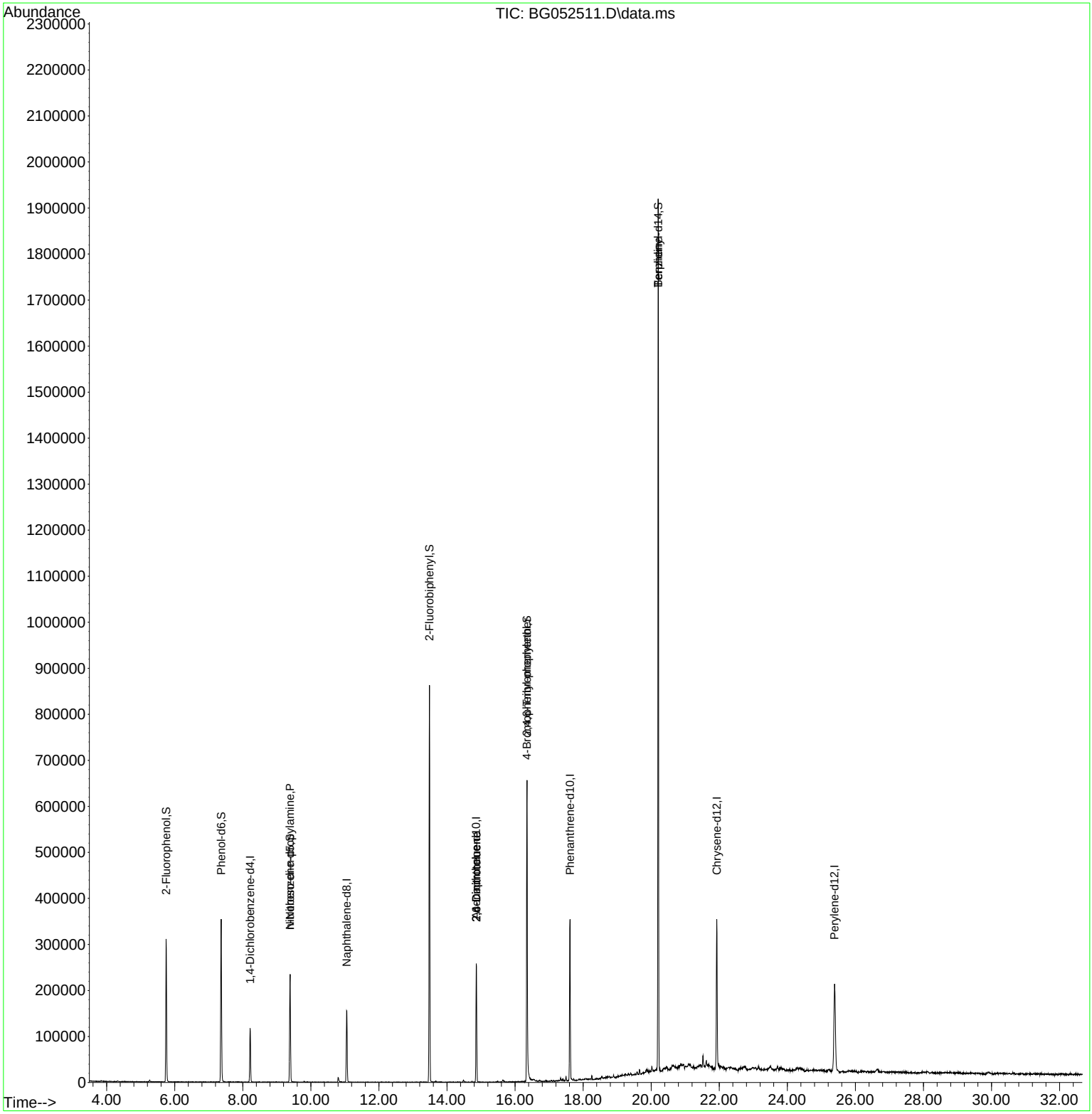
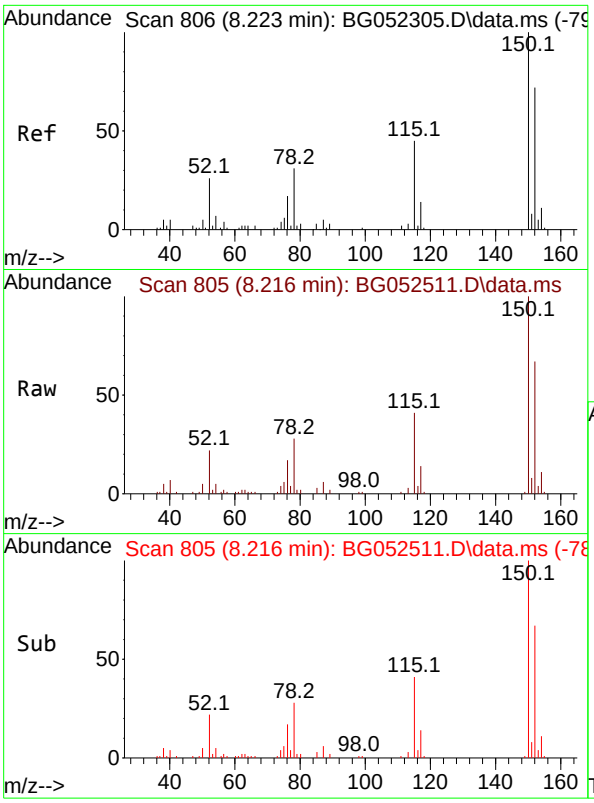


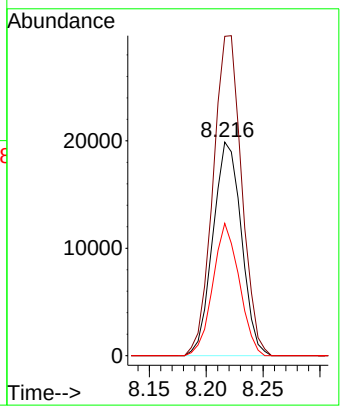


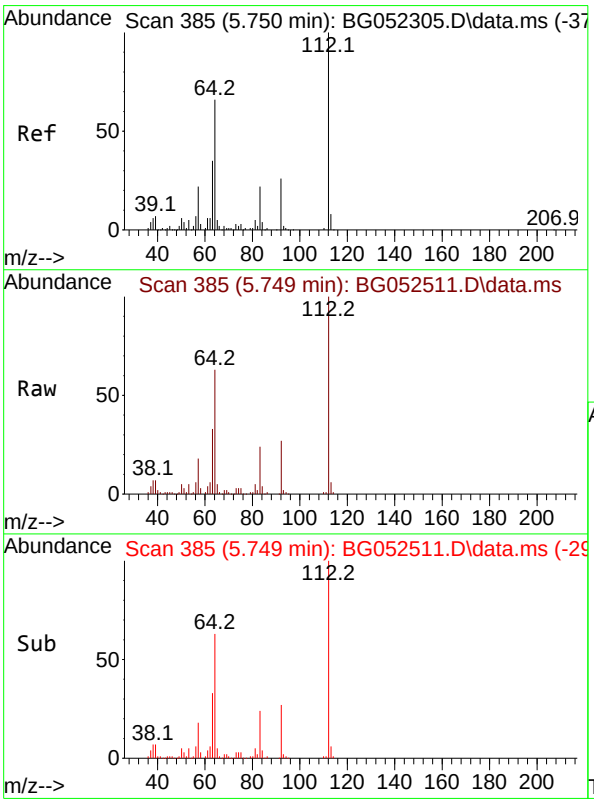
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.216 min Scan# 8
Delta R.T. -0.007 min
Lab File: BG052511.D
Acq: 28 Feb 2022 21:17

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 34597

Ion	Ratio	Lower	Upper
152	100		
150	149.5	117.8	176.8
115	62.0	50.2	75.2

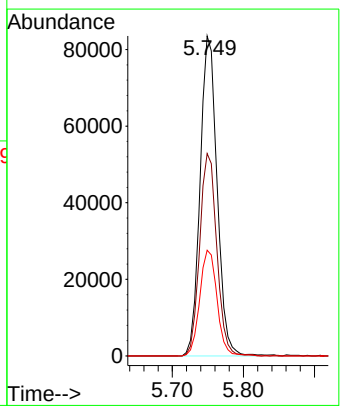


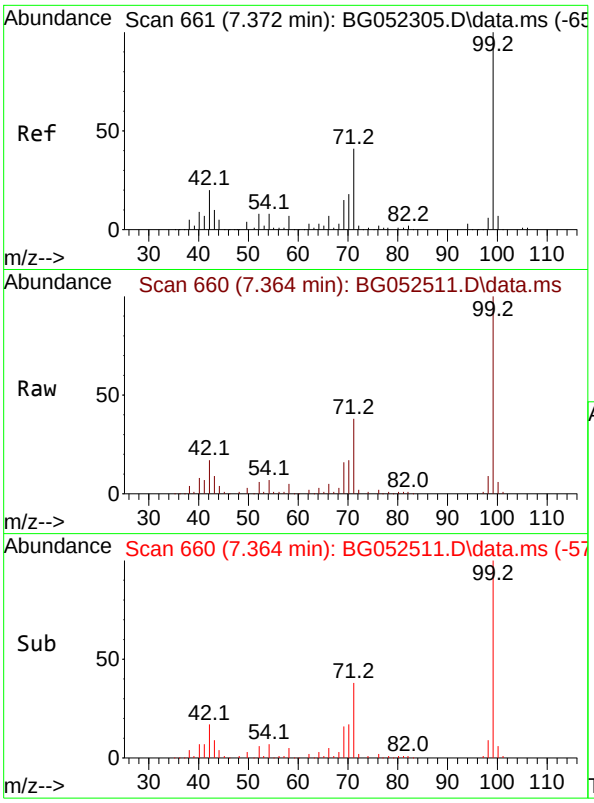


#5
2-Fluorophenol
Concen: 70.155 ng
RT: 5.749 min Scan# 385
Delta R.T. -0.001 min
Lab File: BG052511.D
Acq: 28 Feb 2022 21:17

Tgt Ion:112 Resp: 139262

Ion	Ratio	Lower	Upper
112	100		
64	63.2	60.4	90.6
63	33.0	33.3	49.9#



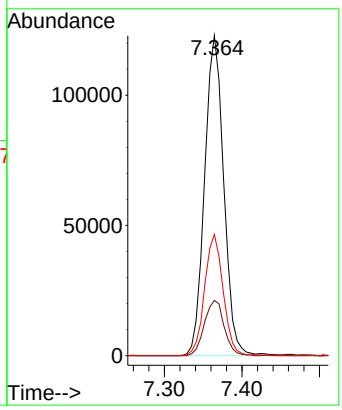


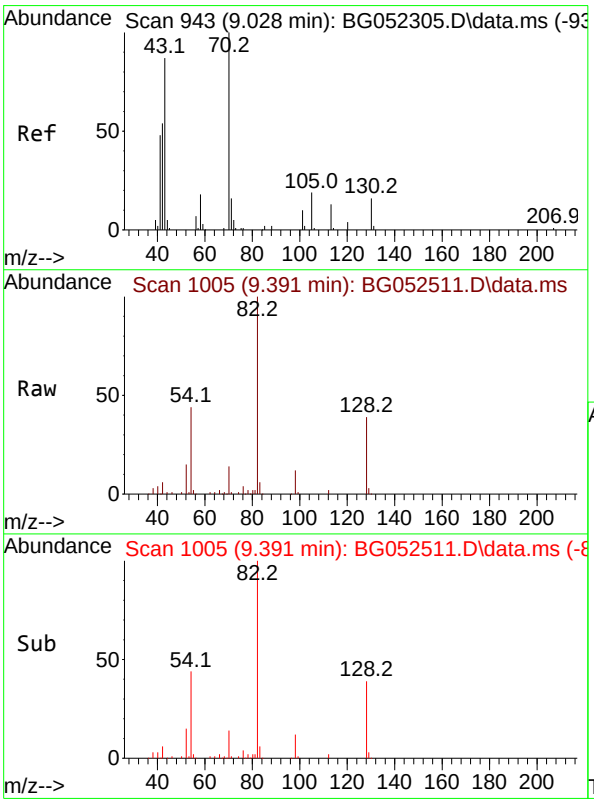
#7
Phenol-d6
Concen: 68.860 ng
RT: 7.364 min Scan# 6
Delta R.T. -0.007 min
Lab File: BG052511.D
Acq: 28 Feb 2022 21:17

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 210909

Ion	Ratio	Lower	Upper
99	100		
42	17.3	19.1	28.7#
71	37.9	33.4	50.2

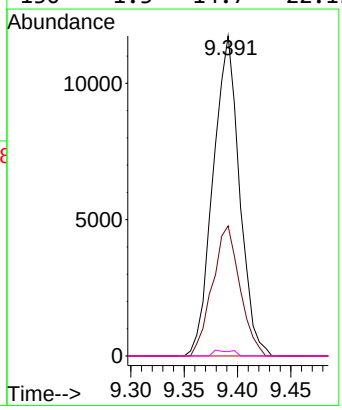


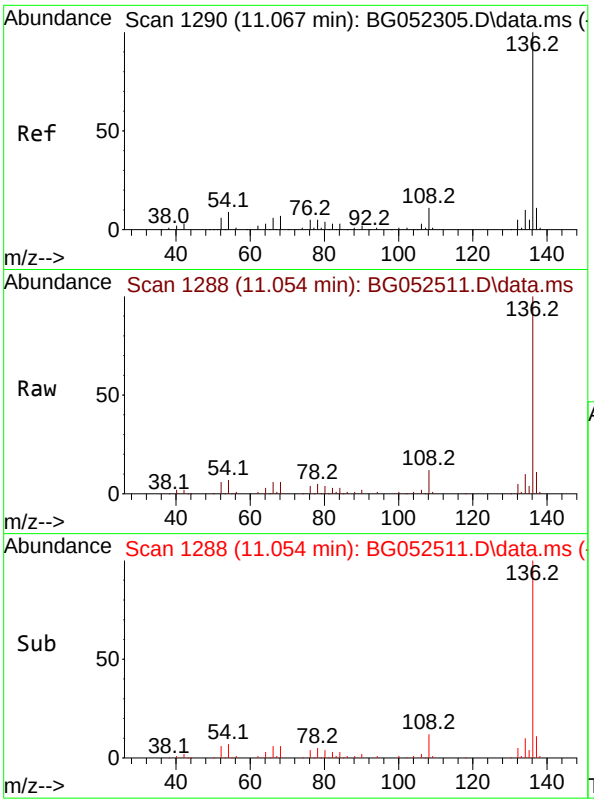


#19
n-Nitroso-di-n-propylamine
Concen: 8.745 ng
RT: 9.391 min Scan# 1005
Delta R.T. 0.363 min
Lab File: BG052511.D
Acq: 28 Feb 2022 21:17

Tgt Ion: 70 Resp: 20192

Ion	Ratio	Lower	Upper
70	100		
42	40.6	51.8	77.6#
101	0.0	6.6	10.0#
130	1.3	14.7	22.1#



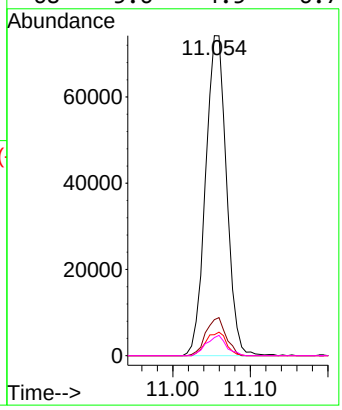


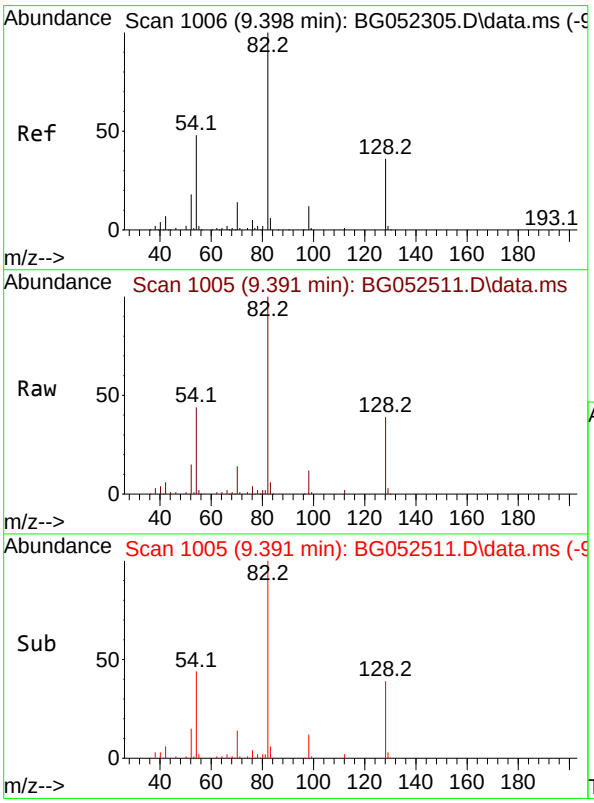
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.054 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG052511.D
Acq: 28 Feb 2022 21:17

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:136 Resp: 139510

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.5	8.3	12.5#
68	5.6	4.5	6.7

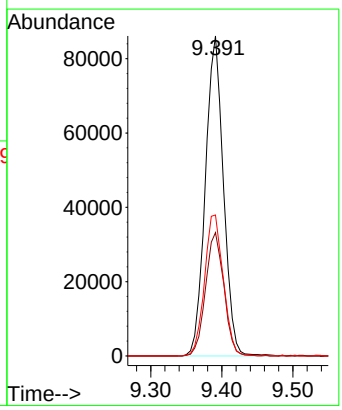


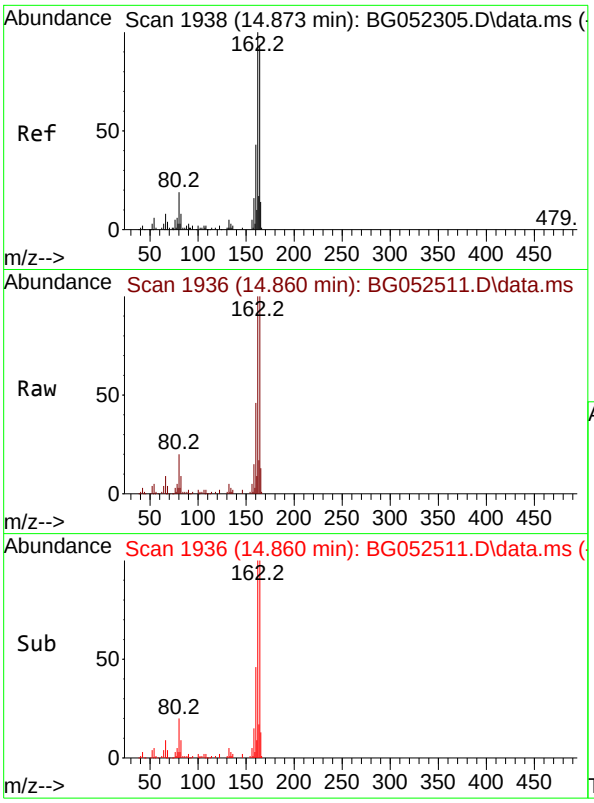


#23
Nitrobenzene-d5
Concen: 47.382 ng
RT: 9.391 min Scan# 1005
Delta R.T. -0.007 min
Lab File: BG052511.D
Acq: 28 Feb 2022 21:17

Tgt Ion: 82 Resp: 152096

Ion	Ratio	Lower	Upper
82	100		
128	38.6	27.0	40.4
54	44.1	41.0	61.6



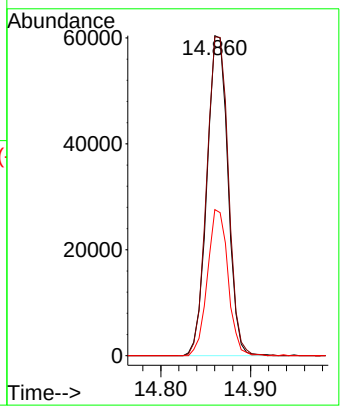


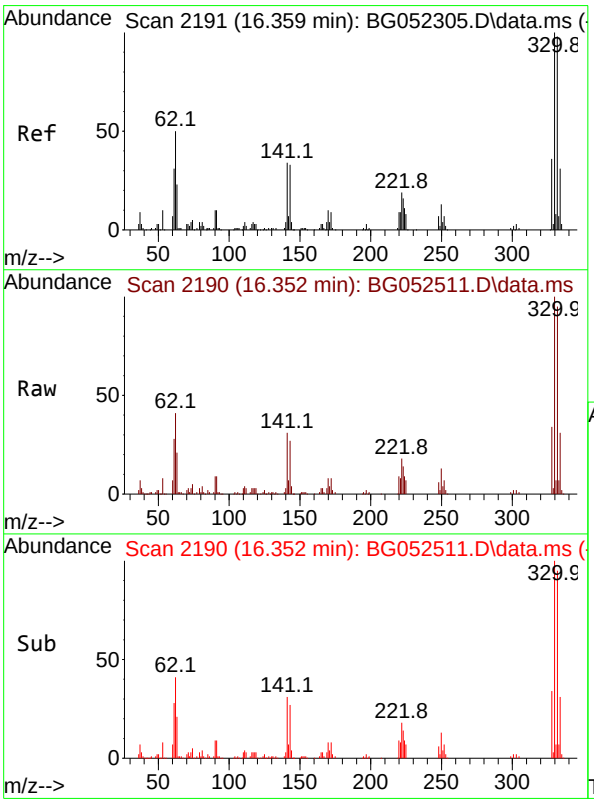
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.860 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG052511.D
Acq: 28 Feb 2022 21:17

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:164 Resp: 97799

Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.2	123.2
160	45.7	36.2	54.2

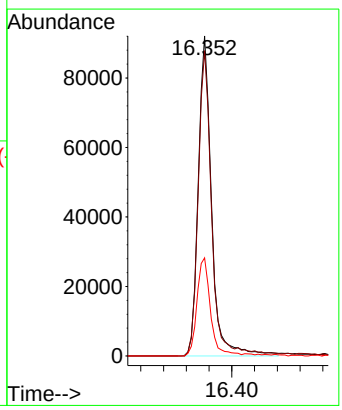


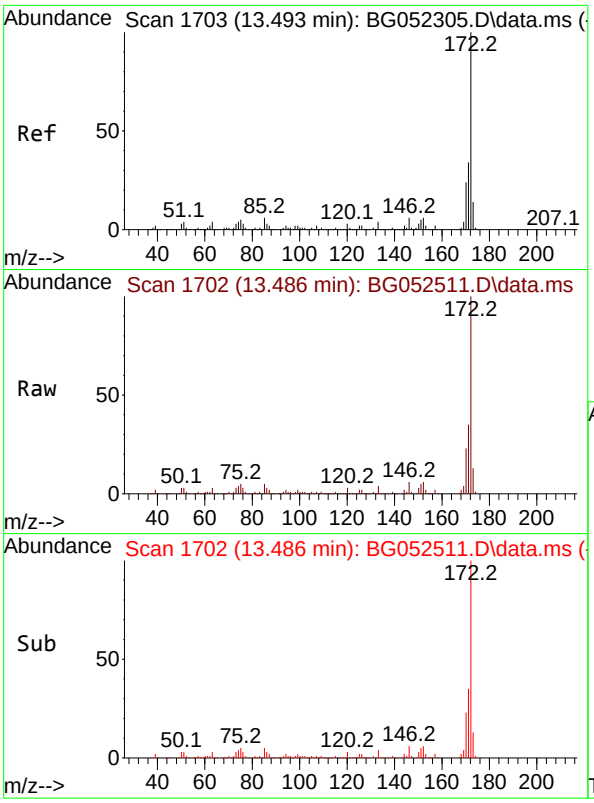


#42
2,4,6-Tribromophenol
Concen: 106.993 ng
RT: 16.352 min Scan# 2190
Delta R.T. -0.007 min
Lab File: BG052511.D
Acq: 28 Feb 2022 21:17

Tgt Ion:330 Resp: 150329

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.6	117.8
141	31.0	28.8	43.2



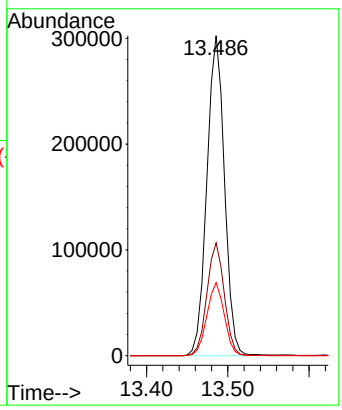


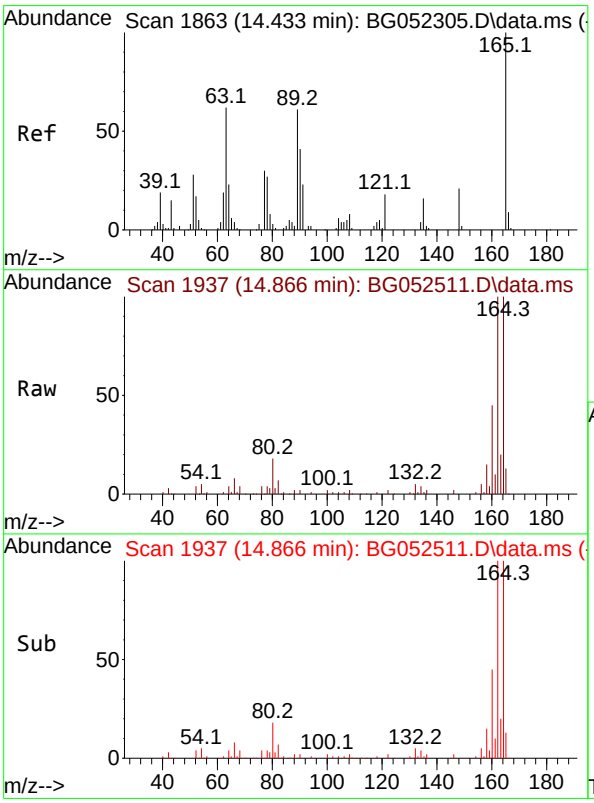
#45
2-Fluorobiphenyl
Concen: 64.646 ng
RT: 13.486 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG052511.D
Acq: 28 Feb 2022 21:17

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:172 Resp: 454995

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	22.8	18.3	27.5

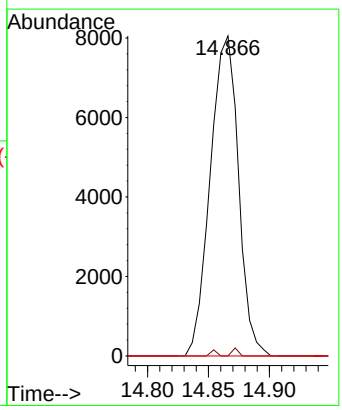


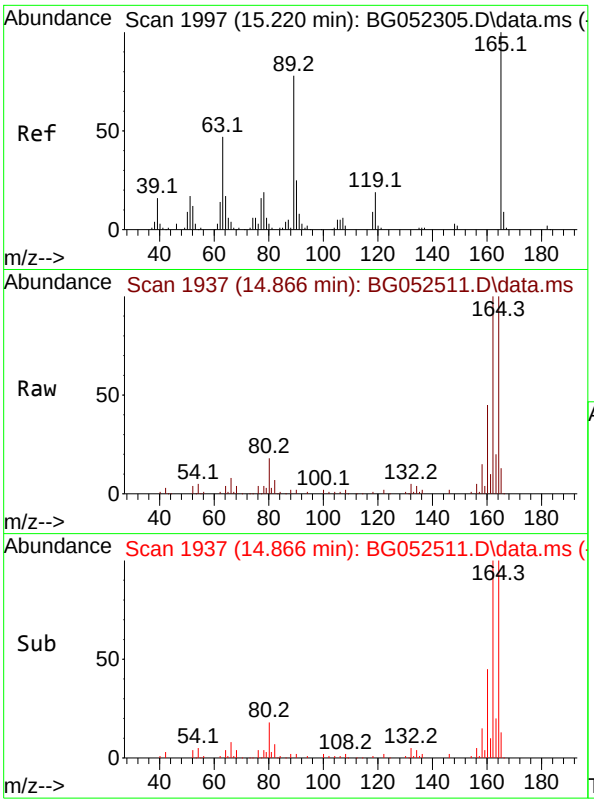


#51
2,6-Dinitrotoluene
Concen: 8.029 ng
RT: 14.866 min Scan# 1937
Delta R.T. 0.433 min
Lab File: BG052511.D
Acq: 28 Feb 2022 21:17

Tgt Ion:165 Resp: 12981

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



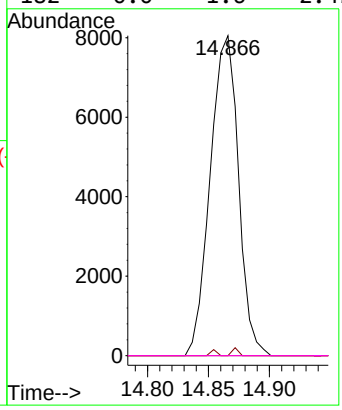


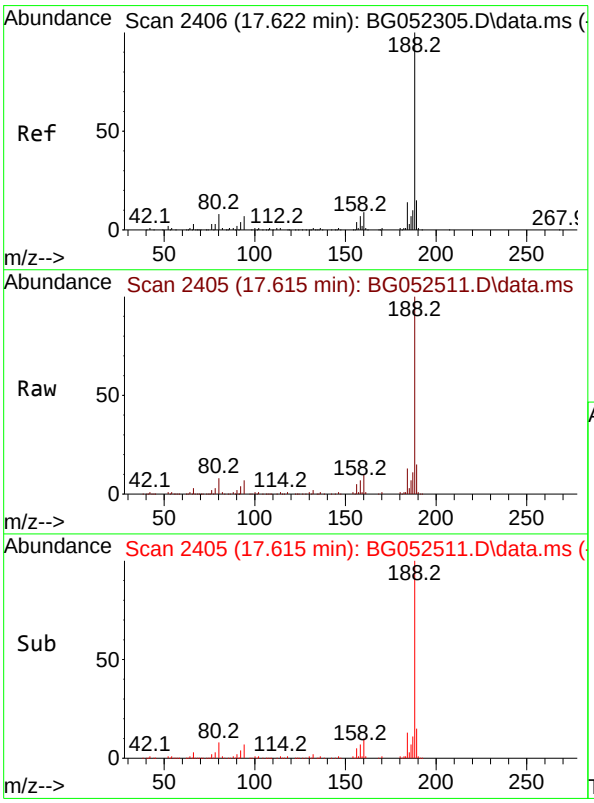
#57
2,4-Dinitrotoluene
Concen: 5.641 ng
RT: 14.866 min Scan# 1
Delta R.T. -0.354 min
Lab File: BG052511.D
Acq: 28 Feb 2022 21:17

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:165 Resp: 12981

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

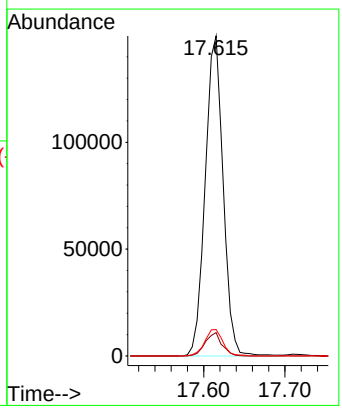


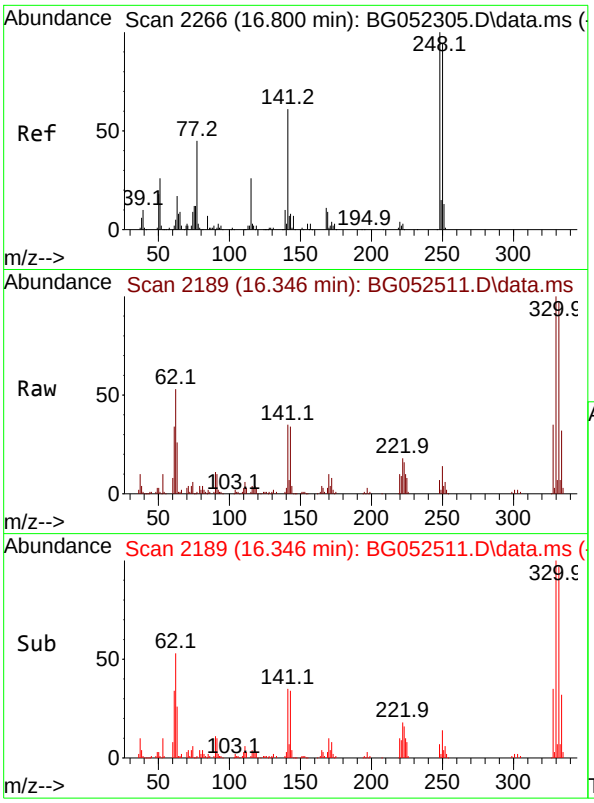


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG052511.D
Acq: 28 Feb 2022 21:17

Tgt Ion:188 Resp: 228646

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.9	8.9
80	8.3	6.6	10.0



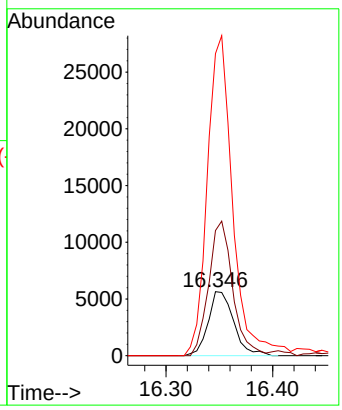


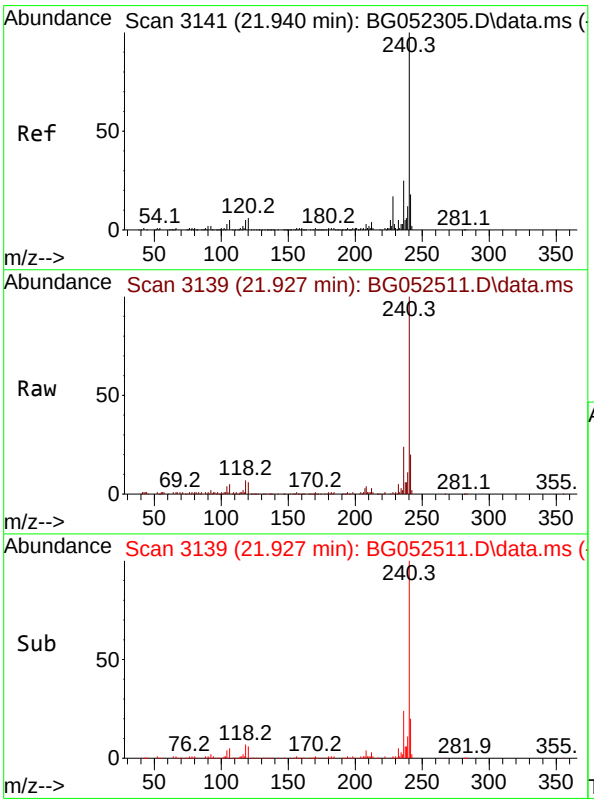
#67
4-Bromophenyl-phenylether
Concen: 3.382 ng
RT: 16.346 min Scan# 21
Delta R.T. -0.454 min
Lab File: BG052511.D
Acq: 28 Feb 2022 21:17

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:248 Resp: 9404

Ion	Ratio	Lower	Upper
248	100		
250	195.5	79.6	119.4#
141	471.9	54.6	81.8#

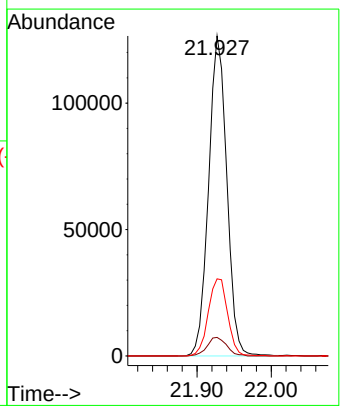


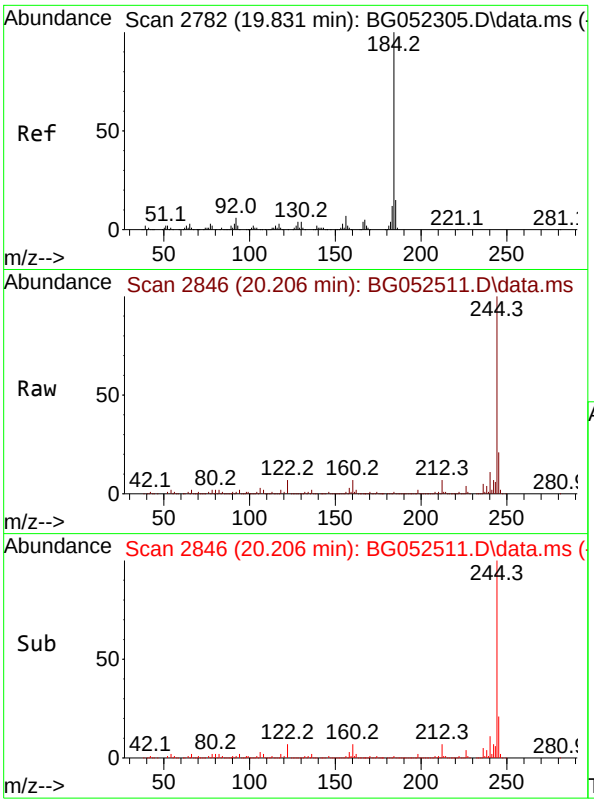


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.927 min Scan# 3139
Delta R.T. -0.013 min
Lab File: BG052511.D
Acq: 28 Feb 2022 21:17

Tgt Ion:240 Resp: 215717

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.4	6.6
236	24.1	20.8	31.2



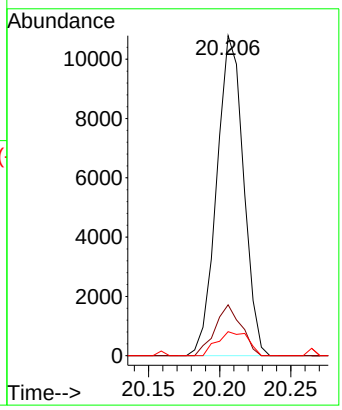


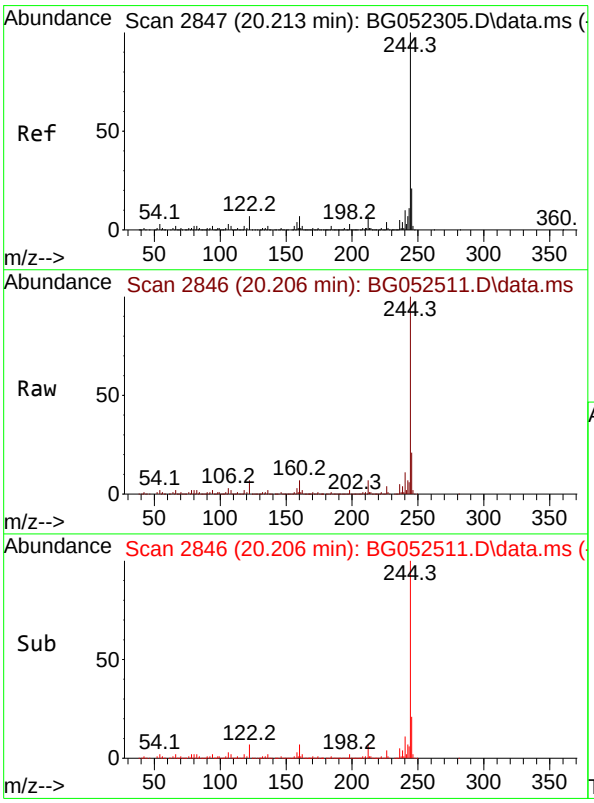
#77
Benzidine
Concen: 3.064 ng
RT: 20.206 min Scan# 2
Delta R.T. 0.375 min
Lab File: BG052511.D
Acq: 28 Feb 2022 21:17

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:184 Resp: 14121

Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.8	17.8
183	7.5	9.8	14.6#

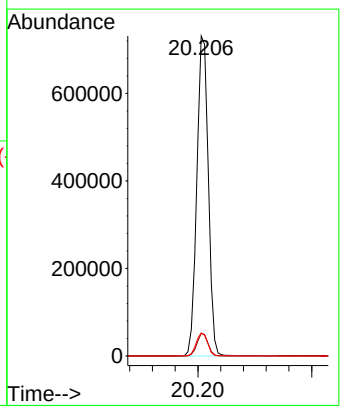


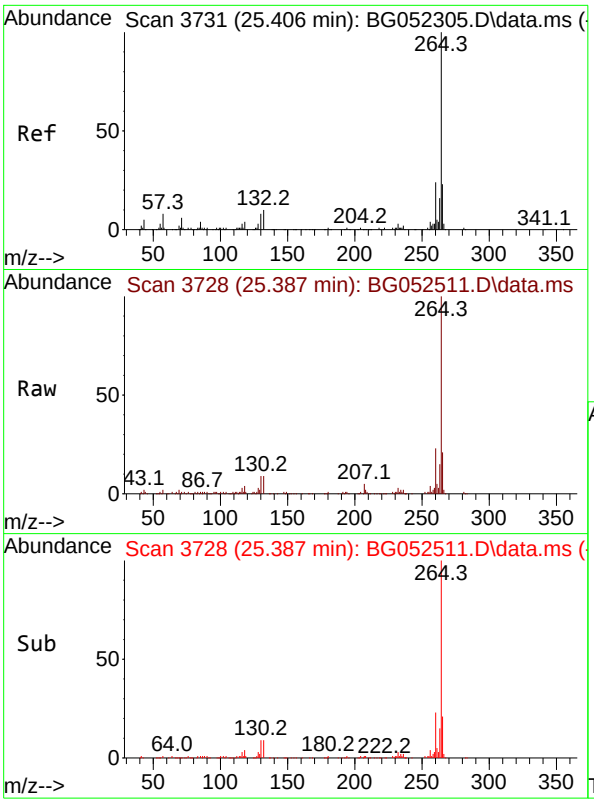


#79
Terphenyl-d14
Concen: 84.183 ng
RT: 20.206 min Scan# 2846
Delta R.T. -0.007 min
Lab File: BG052511.D
Acq: 28 Feb 2022 21:17

Tgt Ion:244 Resp: 1028370

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	7.2	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.387 min Scan# 3
Delta R.T. -0.019 min
Lab File: BG052511.D
Acq: 28 Feb 2022 21:17

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:264 Resp: 221934

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	20.8	17.8	26.6