Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
Data File : BG054773.D
Acq On : 29 Aug 2022 15:17
Operator : CG/JU
Sample : N4355-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-36

Quant Time: Aug 30 02:47:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	51952	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	215109	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	143591	20.000	ng	0.00
64) Phenanthrene-d10	17.527	188	321091	20.000	ng	0.00
76) Chrysene-d12	21.816	240	310514	20.000	ng	-0.01
86) Perylene-d12	25.176	264	325839	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	185487	62.173	ng	0.00
7) Phenol-d6	7.291	99	172676	42.322	ng	0.00
23) Nitrobenzene-d5	9.324	82	346163	84.480	ng	0.00
42) 2,4,6-Tribromophenol	16.263	330	246310	137.276	ng	-0.01
45) 2-Fluorobiphenyl	13.408	172	811925	84.987	ng	0.00
79) Terphenyl-d14	20.123	244	1225121	78.175	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.319	70	44183	15.747	ng	# 78
51) 2,6-Dinitrotoluene	14.783	165	18946	8.373	ng	# 23
57) 2,4-Dinitrotoluene	14.783	165	18946	6.054	ng	# 21
67) 4-Bromophenyl-phenylether	16.263	248	16267	4.614	ng	# 1
77) Benzidine	20.123	184	19431	2.526	ng	# 90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
Data File : BG054773.D
Acq On : 29 Aug 2022 15:17
Operator : CG/JU
Sample : N4355-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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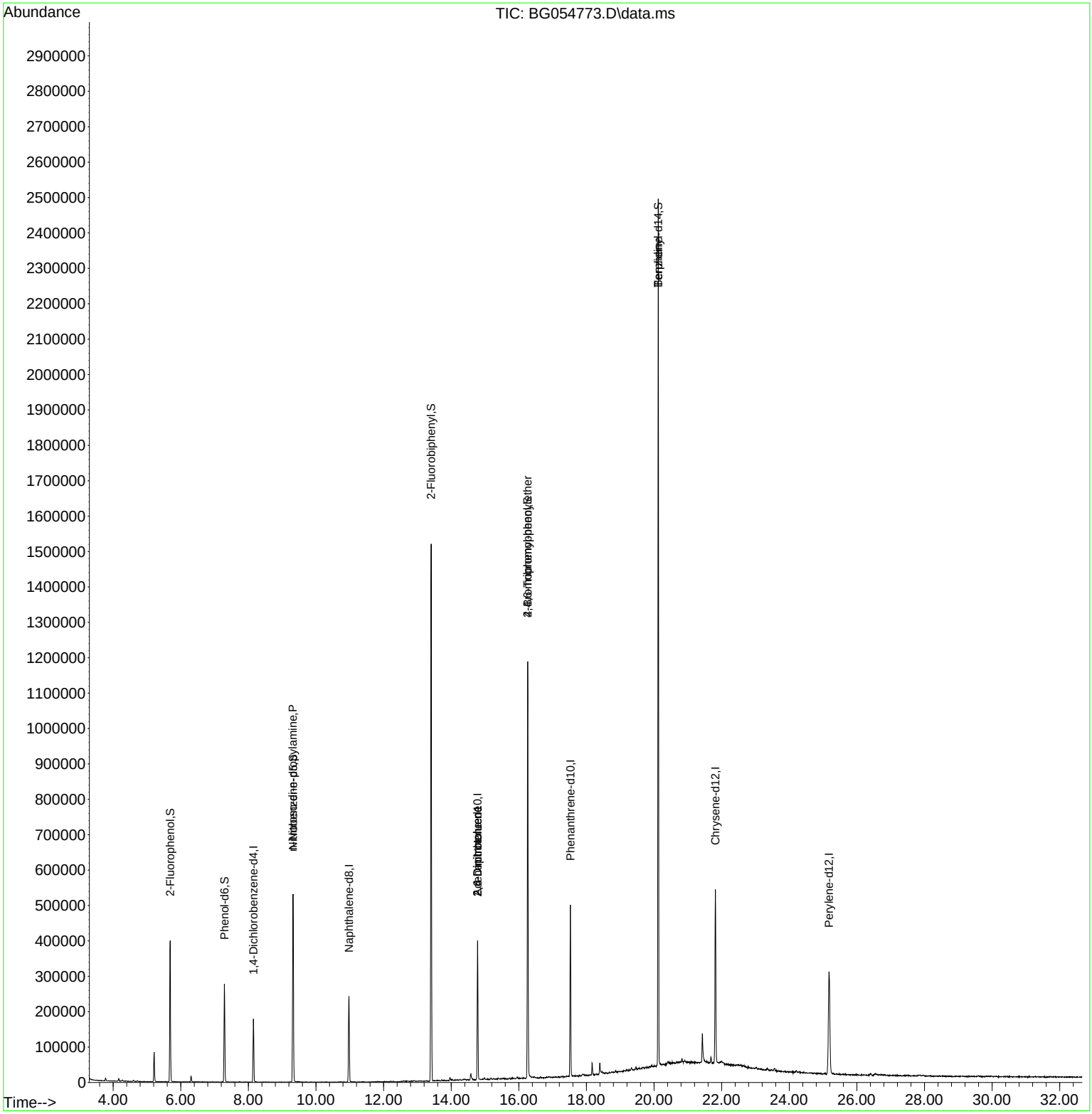
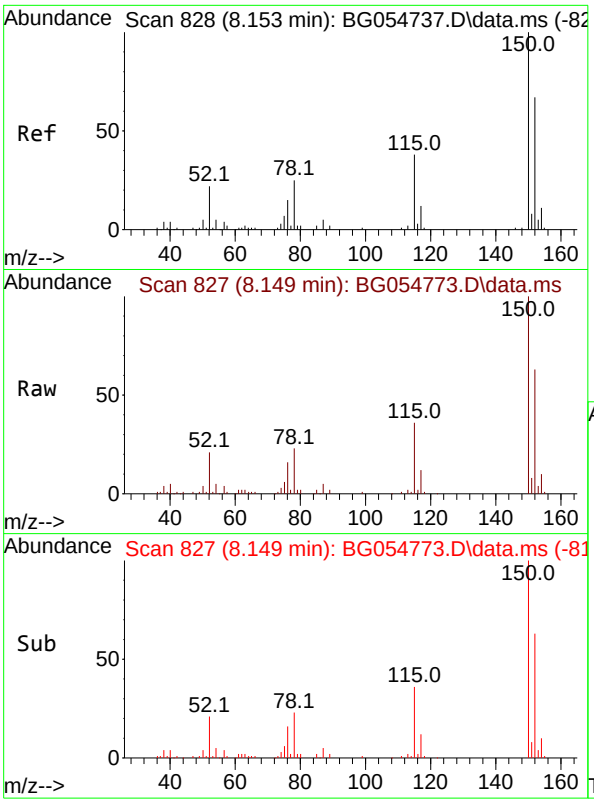
Quant Time: Aug 30 02:47:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration



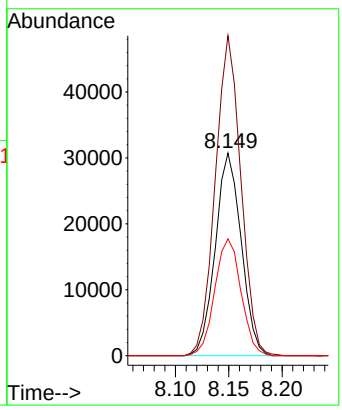


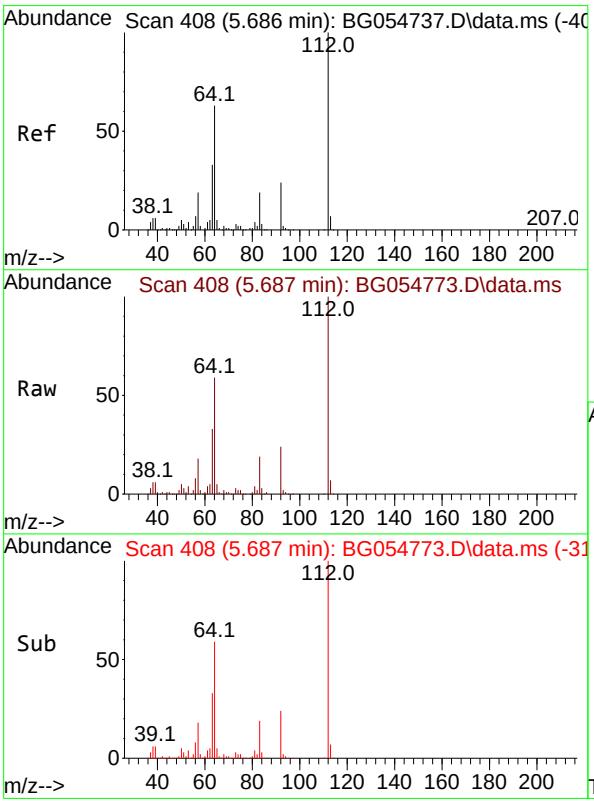
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Instrument :
BNA_G
ClientSampleId :
MW-36

Tgt Ion:152 Resp: 51952

Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.2	187.8
115	57.6	47.9	71.9

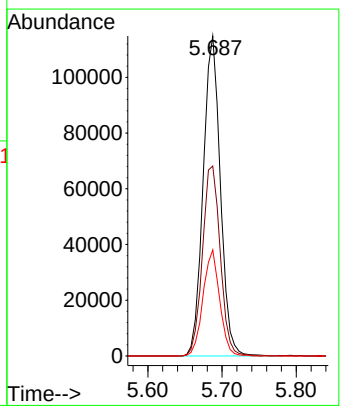


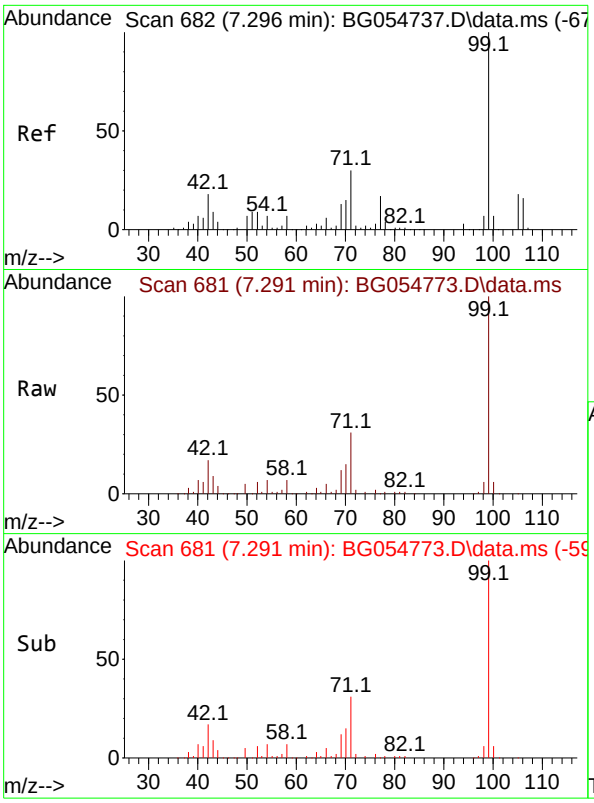


#5
2-Fluorophenol
Concen: 62.173 ng
RT: 5.687 min Scan# 408
Delta R.T. 0.002 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Tgt Ion:112 Resp: 185487

Ion	Ratio	Lower	Upper
112	100		
64	59.4	49.3	73.9
63	33.1	26.3	39.5



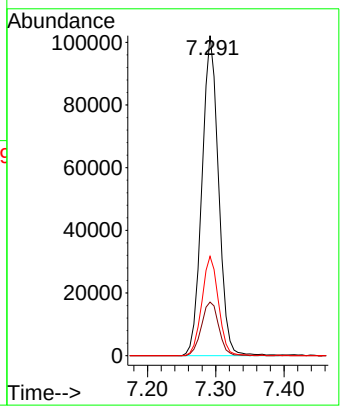


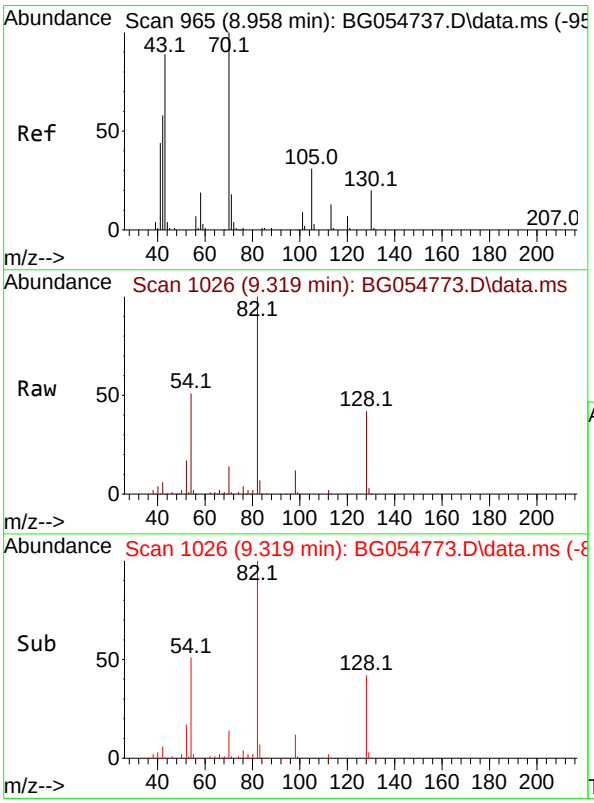
#7
Phenol-d6
Concen: 42.322 ng
RT: 7.291 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Instrument :
BNA_G
ClientSampleId :
MW-36

Tgt Ion: 99 Resp: 172676

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.6	22.0
71	31.1	24.6	37.0

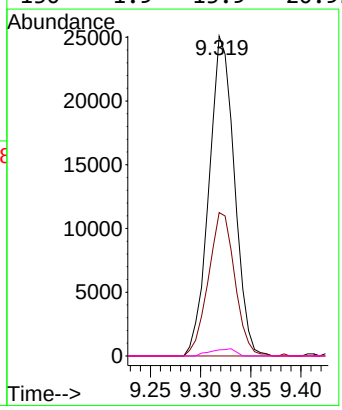


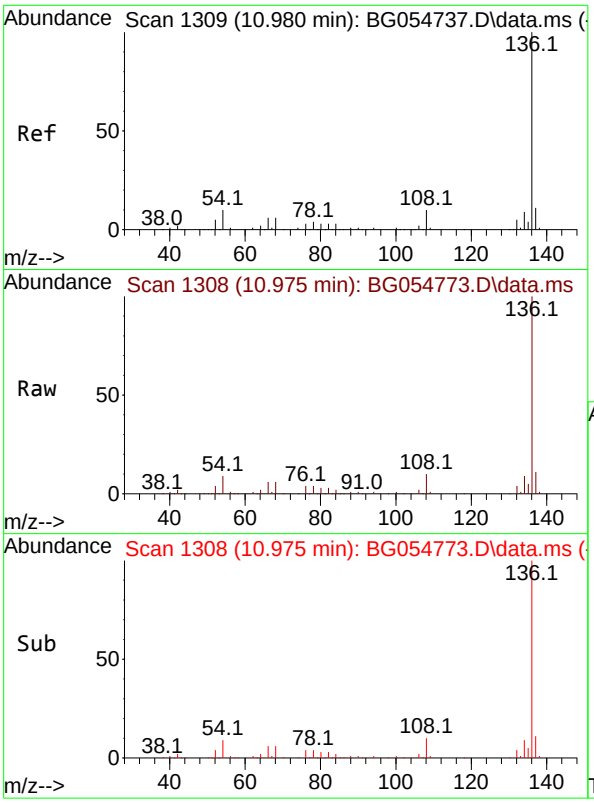


#19
n-Nitroso-di-n-propylamine
Concen: 15.747 ng
RT: 9.319 min Scan# 1026
Delta R.T. 0.360 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Tgt Ion: 70 Resp: 44183

Ion	Ratio	Lower	Upper
70	100		
42	44.8	46.6	69.8#
101	0.0	7.7	11.5#
130	1.9	13.9	20.9#



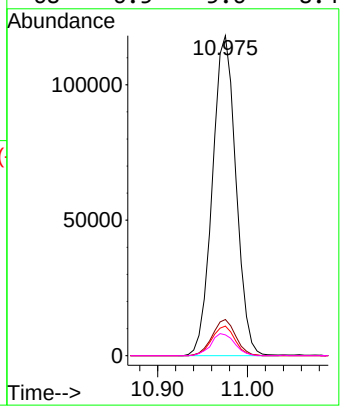


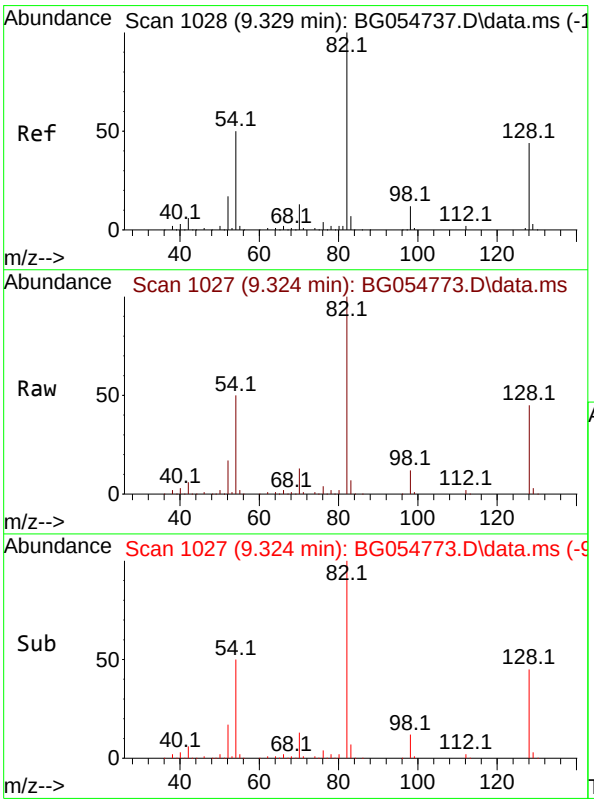
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Instrument :
BNA_G
ClientSampleId :
MW-36

Tgt Ion:136 Resp: 215109

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	9.2	7.7	11.5
68	6.5	5.6	8.4

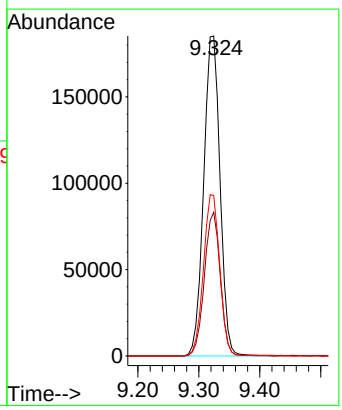


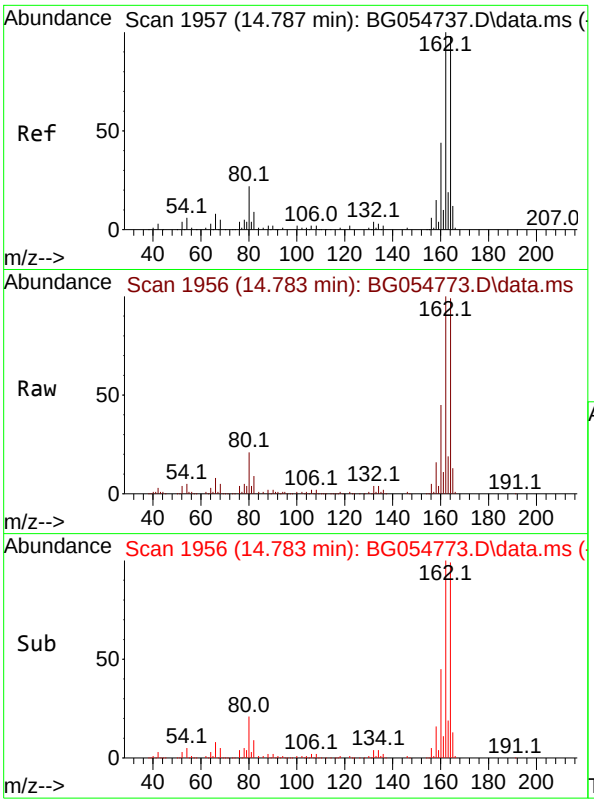


#23
Nitrobenzene-d5
Concen: 84.480 ng
RT: 9.324 min Scan# 1027
Delta R.T. -0.004 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Tgt Ion: 82 Resp: 346163

Ion	Ratio	Lower	Upper
82	100		
128	44.9	32.2	48.2
54	50.2	41.4	62.0



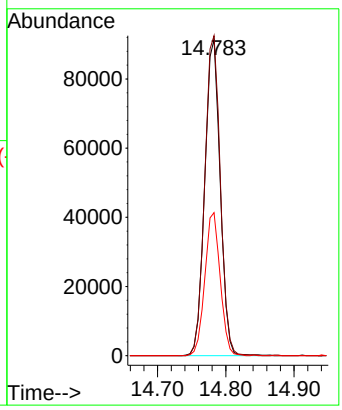


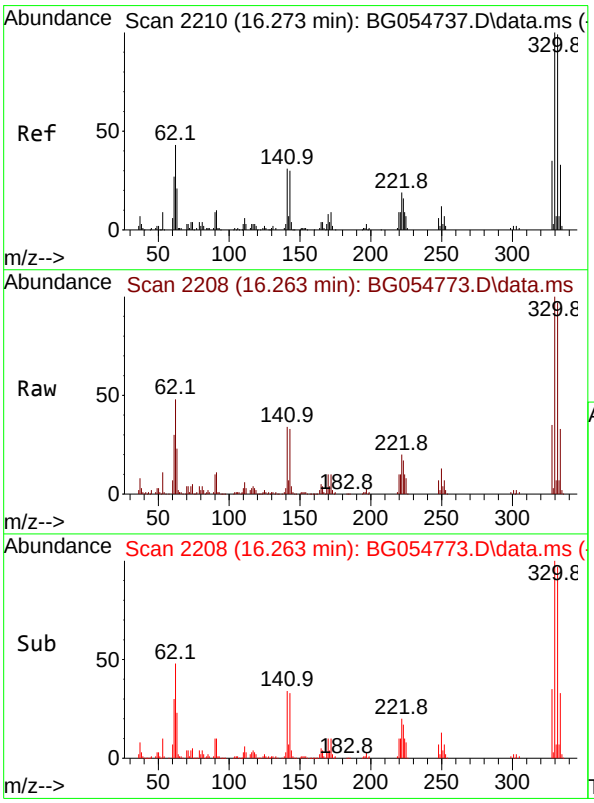
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Instrument :
BNA_G
ClientSampleId :
MW-36

Tgt Ion:164 Resp: 143591

Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.0	124.4
160	45.2	38.0	57.0

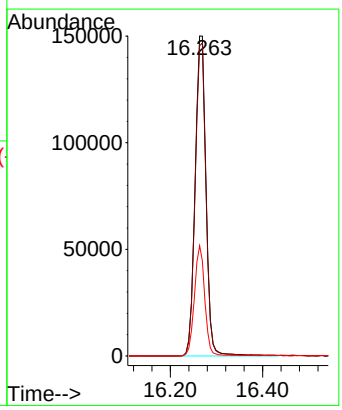


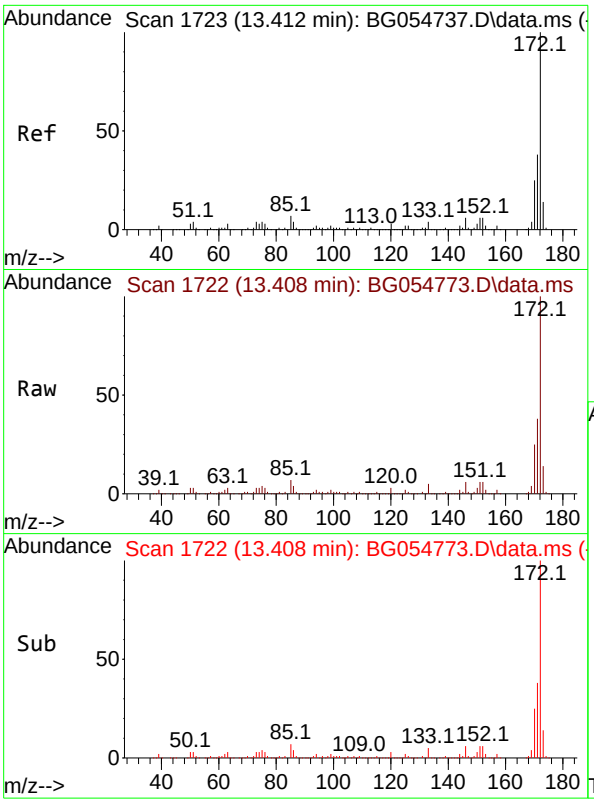


#42
2,4,6-Tribromophenol
Concen: 137.276 ng
RT: 16.263 min Scan# 2208
Delta R.T. -0.010 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Tgt Ion:330 Resp: 246310

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.8	119.6
141	32.8	26.8	40.2



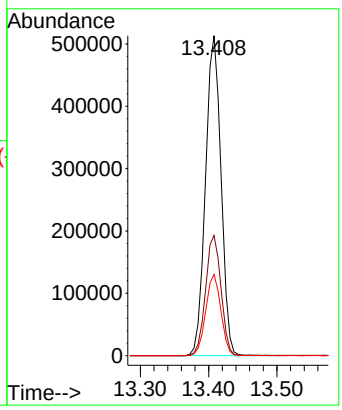


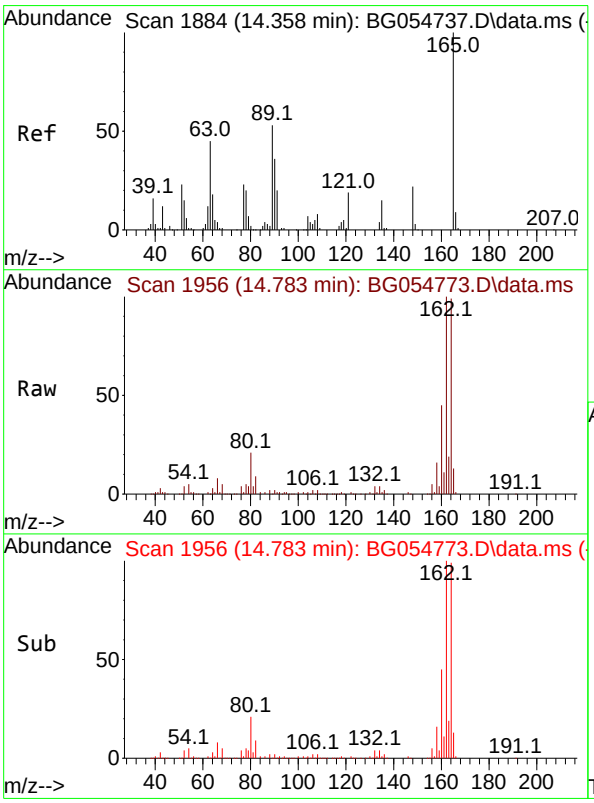
#45
2-Fluorobiphenyl
Concen: 84.987 ng
RT: 13.408 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Instrument :
BNA_G
ClientSampleId :
MW-36

Tgt Ion:172 Resp: 811925

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.2	46.8
170	25.4	20.6	30.8

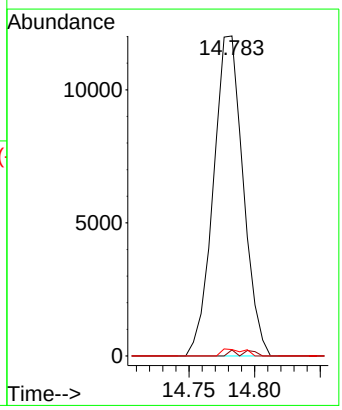


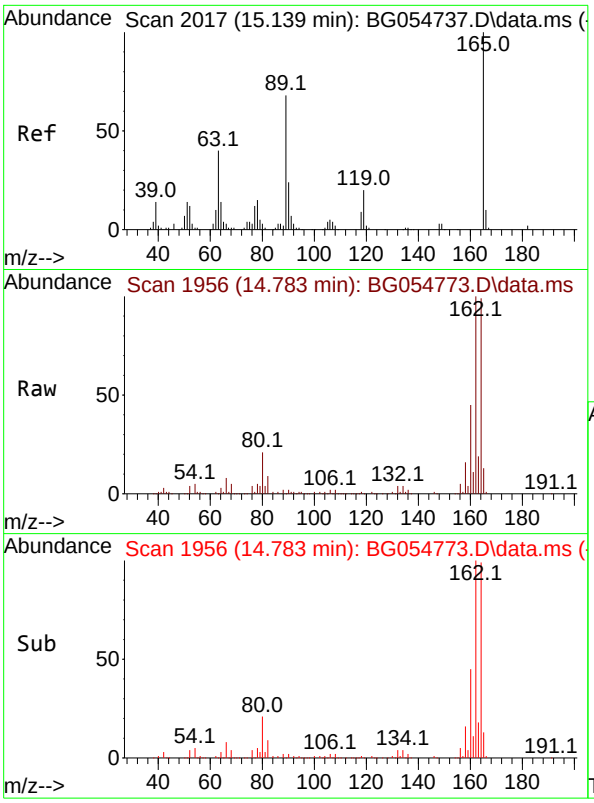


#51
2,6-Dinitrotoluene
Concen: 8.373 ng
RT: 14.783 min Scan# 1956
Delta R.T. 0.425 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Tgt Ion:165 Resp: 18946

Ion	Ratio	Lower	Upper
165	100		
63	1.9	46.0	69.0#
89	2.0	50.3	75.5#



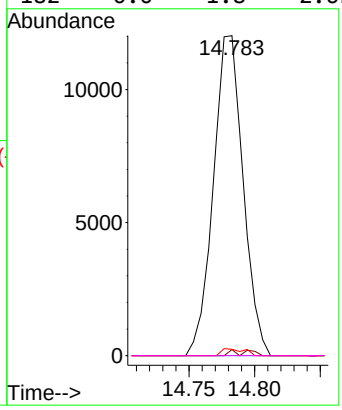


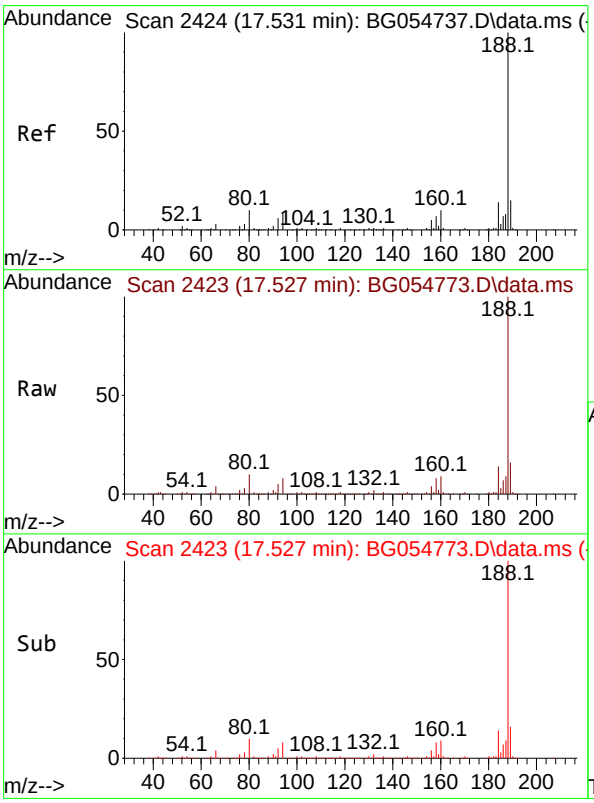
#57
2,4-Dinitrotoluene
Concen: 6.054 ng
RT: 14.783 min Scan# 1
Delta R.T. -0.357 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Instrument :
BNA_G
ClientSampleId :
MW-36

Tgt Ion:165 Resp: 18946

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.8	55.2#
89	2.0	64.3	96.5#
182	0.0	1.8	2.6#

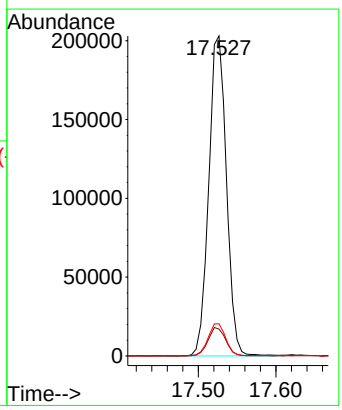


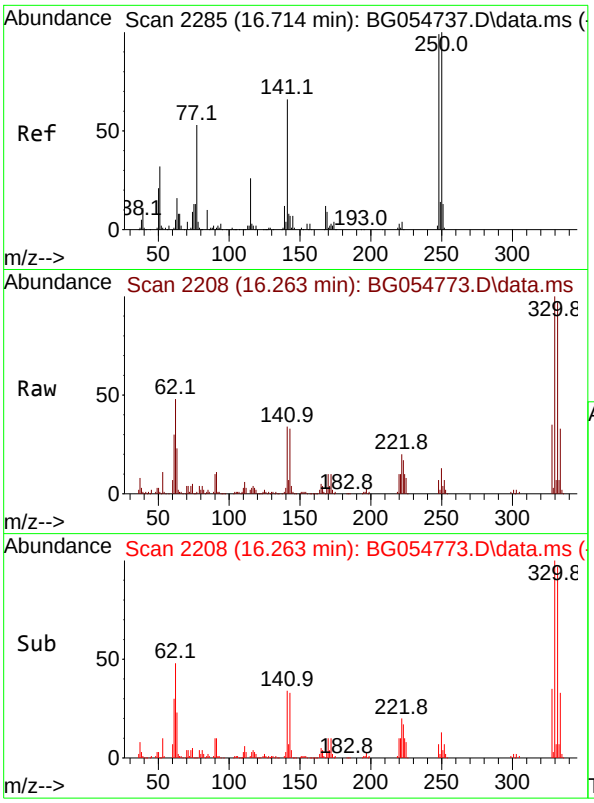


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.527 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Tgt Ion:188 Resp: 321091

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.4
80	10.0	7.9	11.9



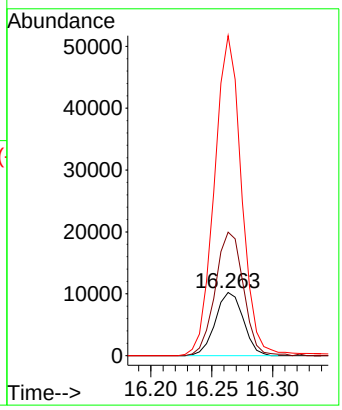


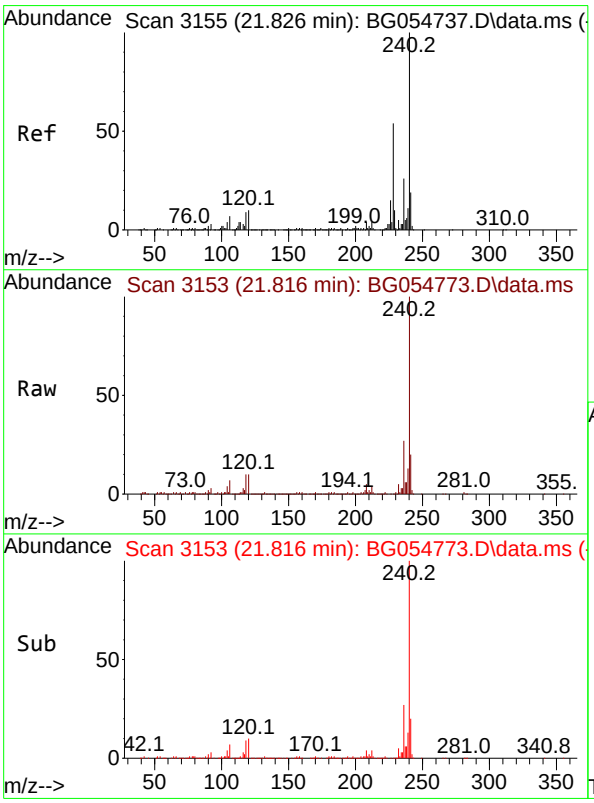
#67
4-Bromophenyl-phenylether
Concen: 4.614 ng
RT: 16.263 min Scan# 2
Delta R.T. -0.451 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Instrument :
BNA_G
ClientSampleId :
MW-36

Tgt Ion:248 Resp: 16267

Ion	Ratio	Lower	Upper
248	100		
250	195.6	78.8	118.2#
141	506.5	51.9	77.9#

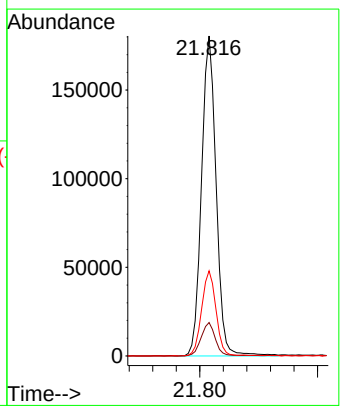


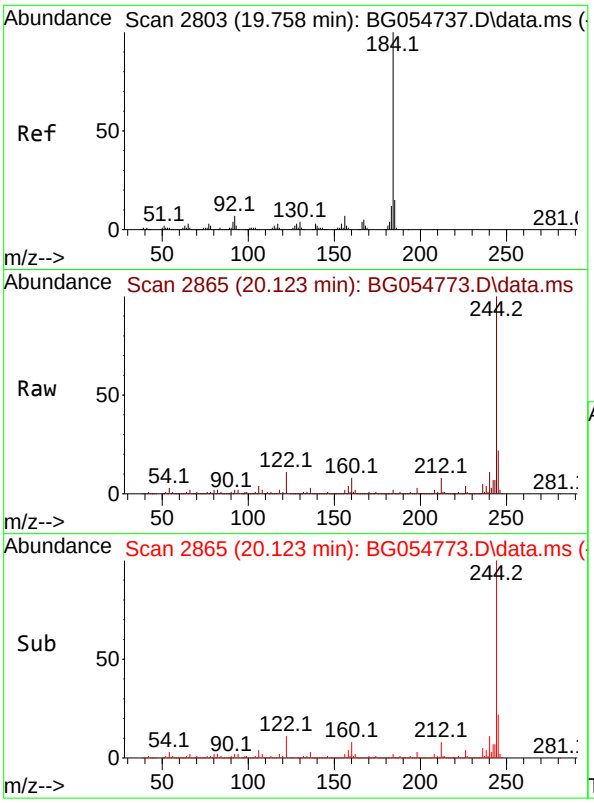


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.816 min Scan# 3153
Delta R.T. -0.010 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Tgt Ion:240 Resp: 310514

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.2	12.4
236	26.6	21.2	31.8



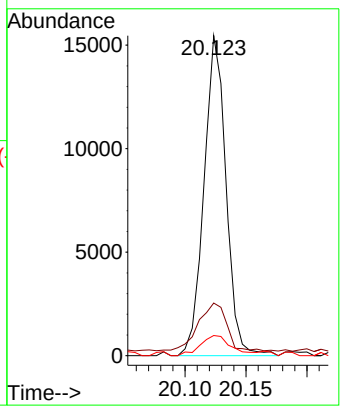


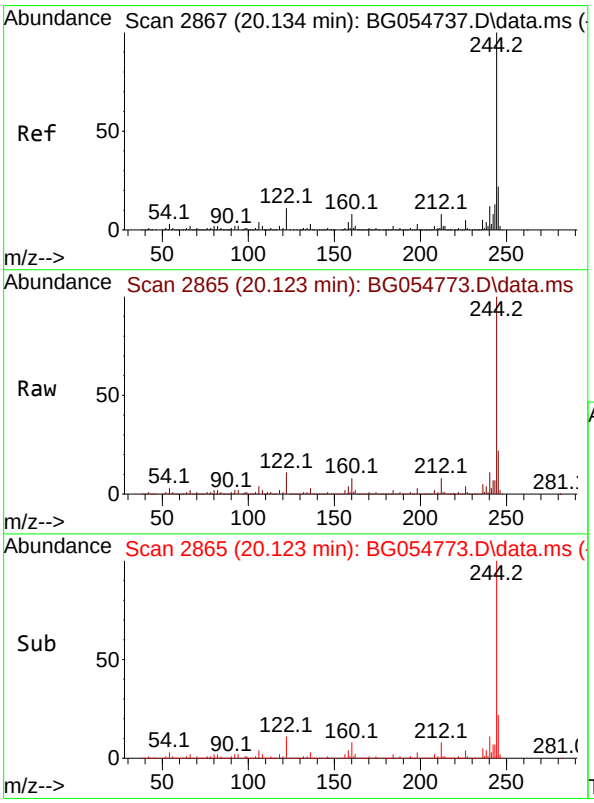
#77
Benzidine
Concen: 2.526 ng
RT: 20.123 min Scan# 2
Delta R.T. 0.366 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Instrument :
BNA_G
ClientSampleId :
MW-36

Tgt Ion:184 Resp: 19431

Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.4	17.0
183	6.3	9.8	14.8#

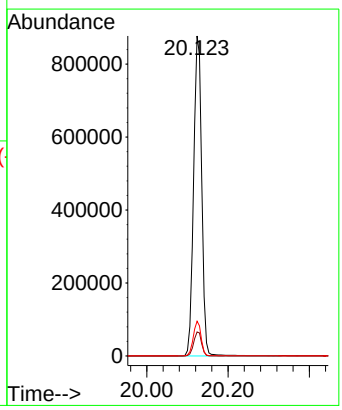


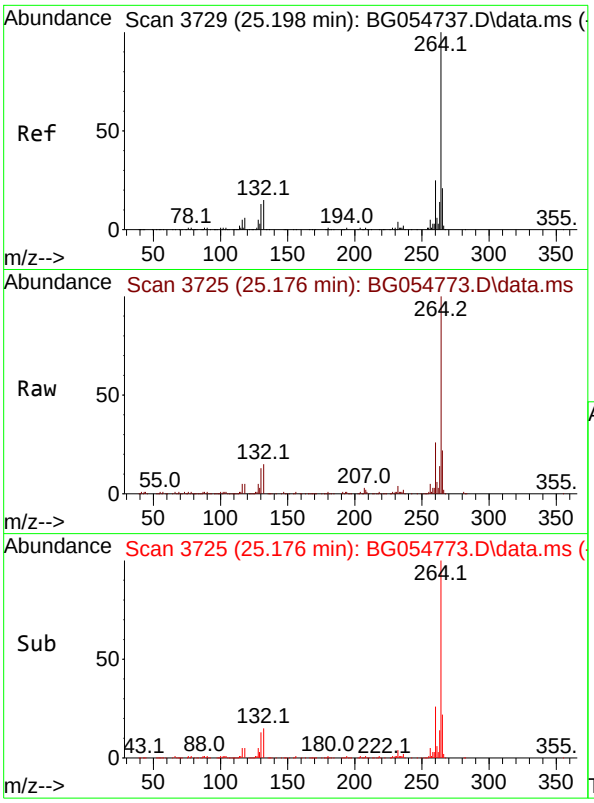


#79
Terphenyl-d14
Concen: 78.175 ng
RT: 20.123 min Scan# 2865
Delta R.T. -0.010 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Tgt Ion:244 Resp: 1225121

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	10.8	9.0	13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.176 min Scan# 3
Delta R.T. -0.022 min
Lab File: BG054773.D
Acq: 29 Aug 2022 15:17

Instrument :
BNA_G
ClientSampleId :
MW-36

Tgt Ion:264 Resp: 325839

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.9	29.9
265	21.9	16.9	25.3