Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
Data File : BG054780.D
Acq On : 29 Aug 2022 20:17
Operator : CG/JU
Sample : N4376-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-38I

Quant Time: Aug 30 02:51:16 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	8.148	152	50763	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	207689	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	138442	20.000	ng	0.00
64) Phenanthrene-d10	17.525	188	320541	20.000	ng	0.00
76) Chrysene-d12	21.814	240	307157	20.000	ng	-0.01
86) Perylene-d12	25.181	264	318358	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	191944	65.844	ng	0.00
7) Phenol-d6	7.296	99	160137	40.168	ng	0.00
23) Nitrobenzene-d5	9.323	82	355295	89.806	ng	0.00
42) 2,4,6-Tribromophenol	16.268	330	240273	138.892	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	836449	90.810	ng	0.00
79) Terphenyl-d14	20.128	244	1325139	85.481	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.323	70	45335	16.536	ng	# 80
51) 2,6-Dinitrotoluene	14.781	165	18200	8.343	ng	# 20
57) 2,4-Dinitrotoluene	14.781	165	18200	6.032	ng	# 18
67) 4-Bromophenyl-phenylether	16.268	248	15674	4.454	ng	# 1
77) Benzidine	20.122	184	19637	2.581	ng	# 88

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

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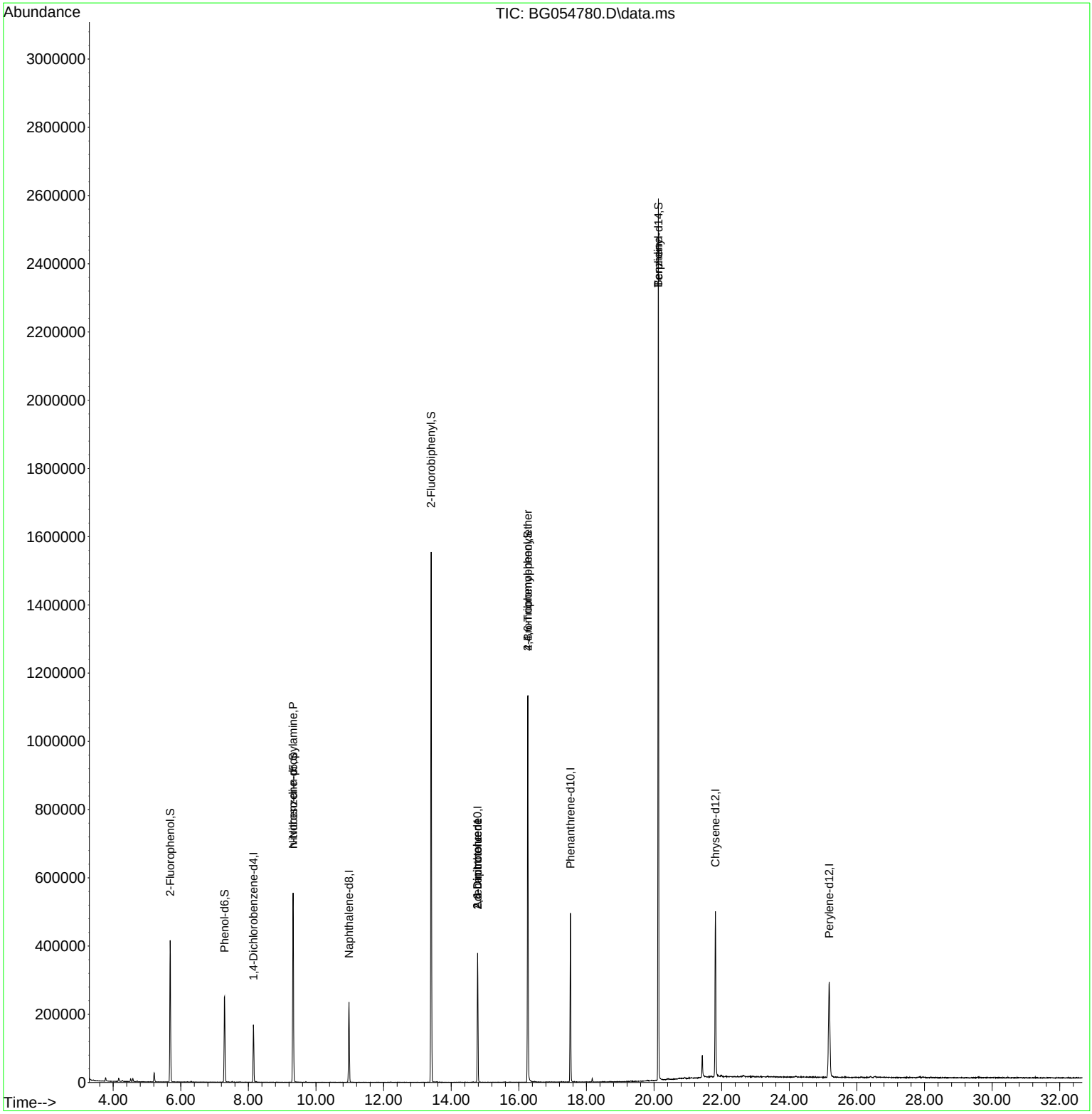
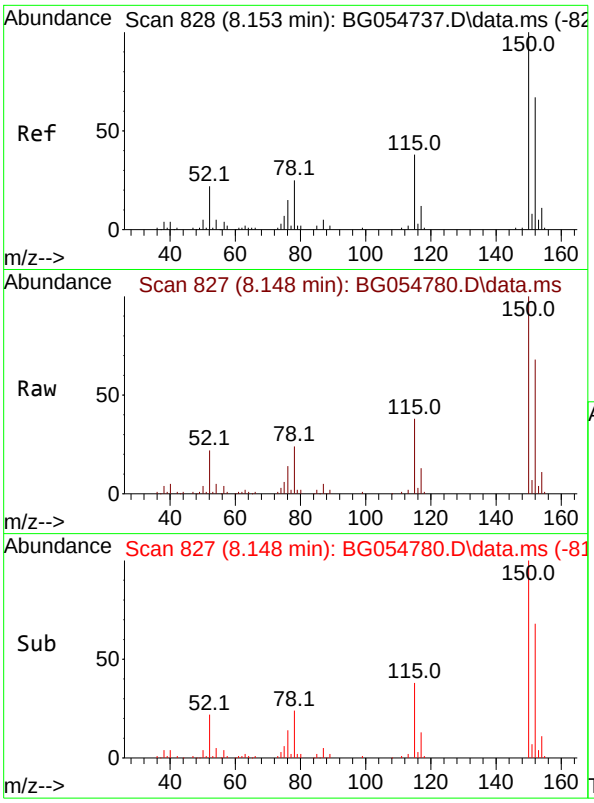


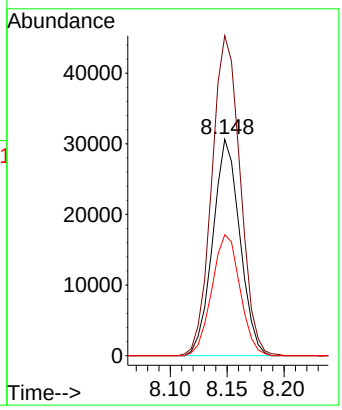


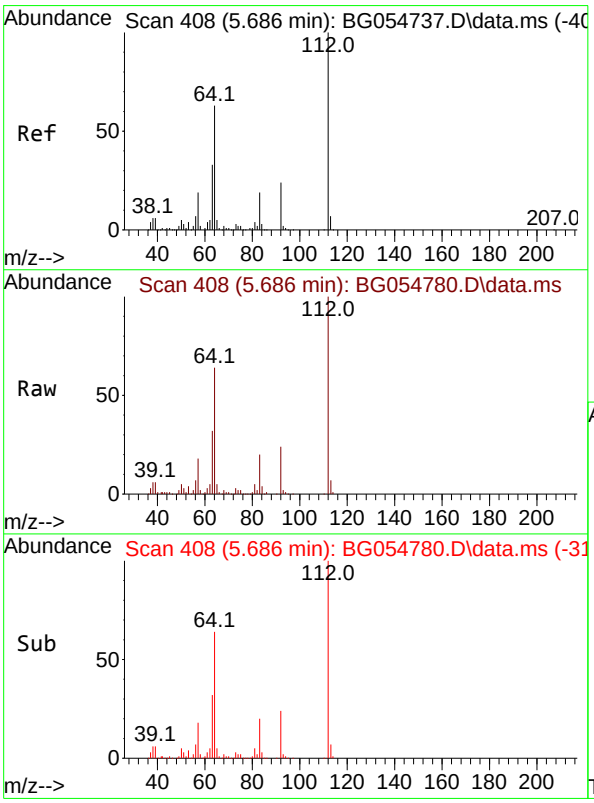
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.148 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MW-38I

Tgt Ion:152 Resp: 50763

Ion	Ratio	Lower	Upper
152	100		
150	147.9	125.2	187.8
115	55.9	47.9	71.9

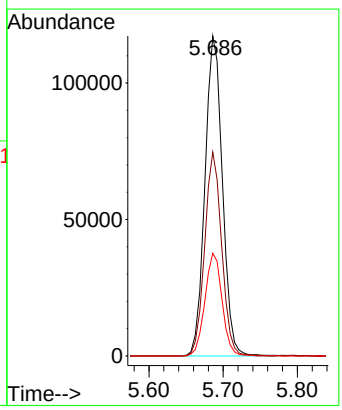


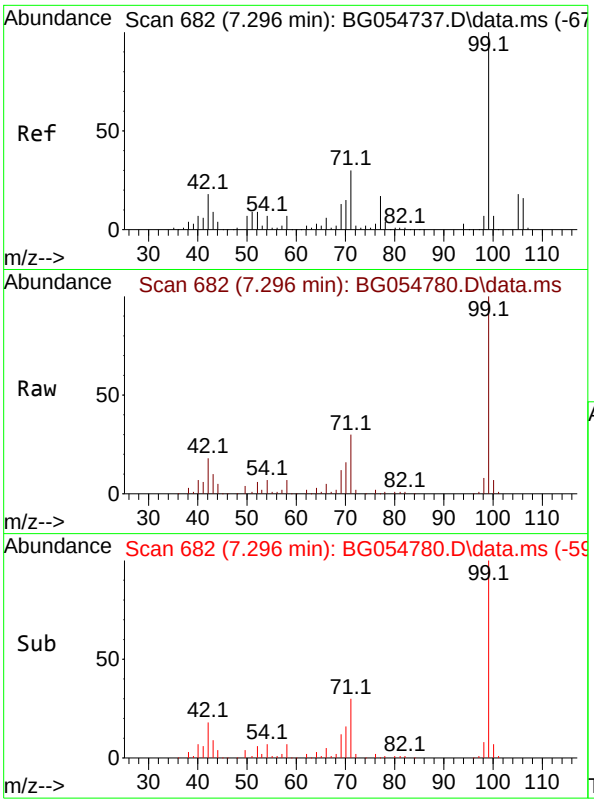


#5
2-Fluorophenol
Concen: 65.844 ng
RT: 5.686 min Scan# 408
Delta R.T. 0.000 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Tgt Ion:112 Resp: 191944

Ion	Ratio	Lower	Upper
112	100		
64	63.7	49.3	73.9
63	32.1	26.3	39.5



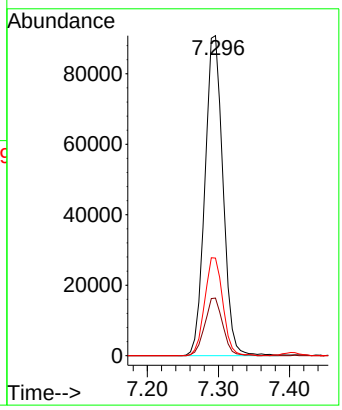


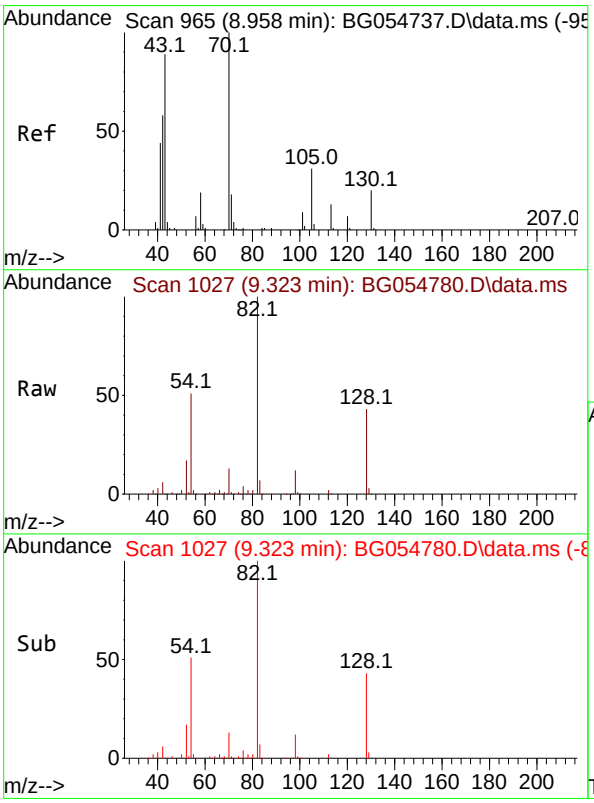
#7
Phenol-d6
Concen: 40.168 ng
RT: 7.296 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MW-38I

Tgt Ion: 99 Resp: 160137

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.6	22.0
71	30.5	24.6	37.0

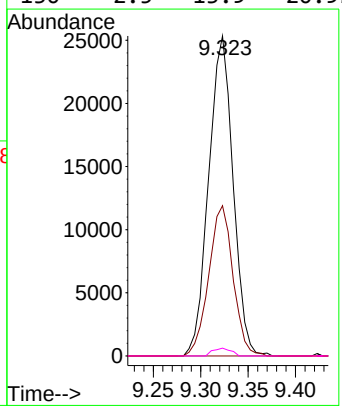


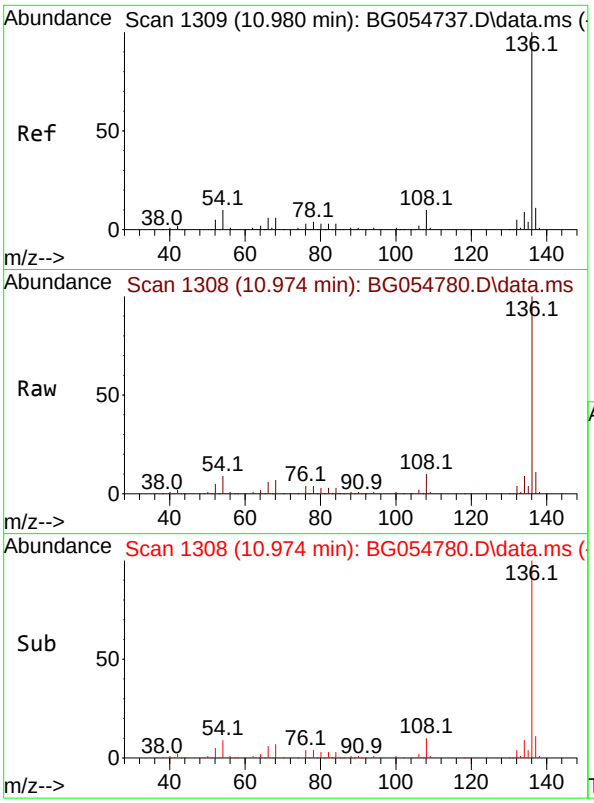


#19
n-Nitroso-di-n-propylamine
Concen: 16.536 ng
RT: 9.323 min Scan# 1027
Delta R.T. 0.364 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Tgt Ion: 70 Resp: 45335

Ion	Ratio	Lower	Upper
70	100		
42	47.0	46.6	69.8
101	0.0	7.7	11.5#
130	2.5	13.9	20.9#



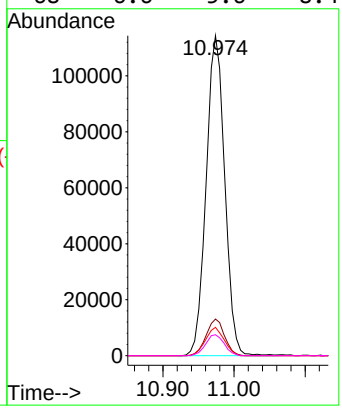


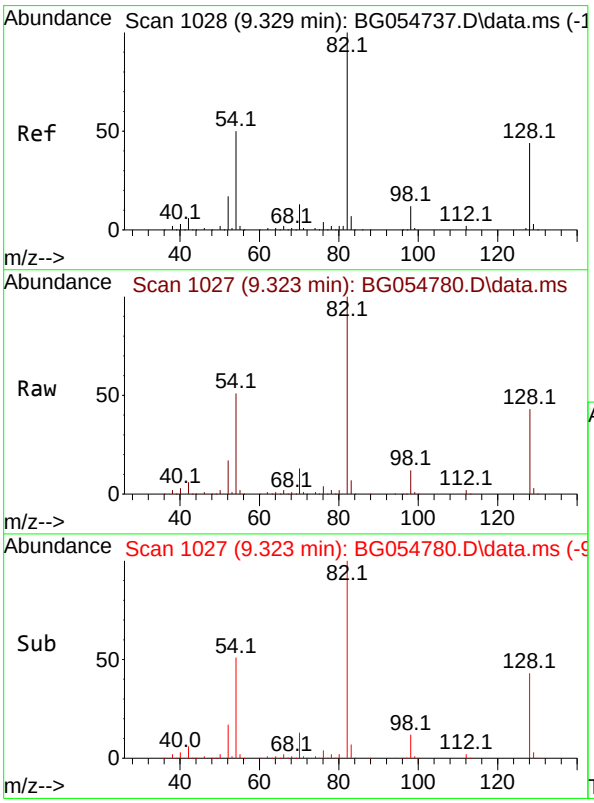
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MW-38I

Tgt Ion:136 Resp: 207689

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.8	7.7	11.5
68	6.6	5.6	8.4

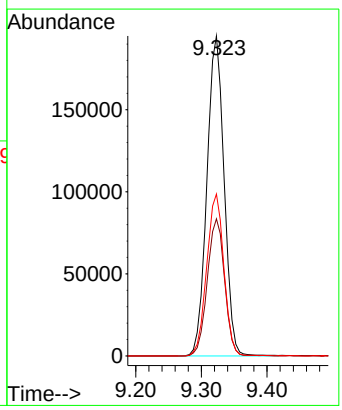


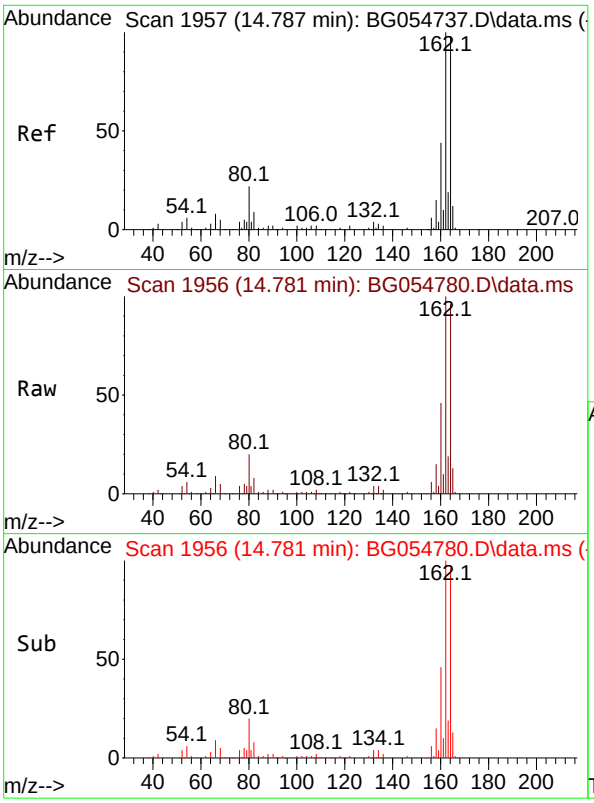


#23
Nitrobenzene-d5
Concen: 89.806 ng
RT: 9.323 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Tgt Ion: 82 Resp: 355295

Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.2	48.2
54	50.6	41.4	62.0



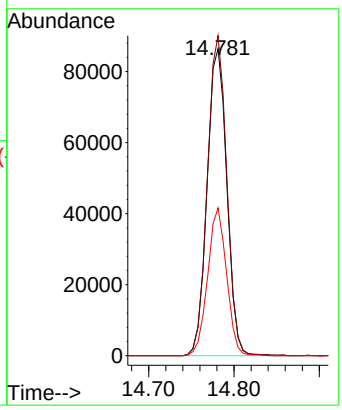


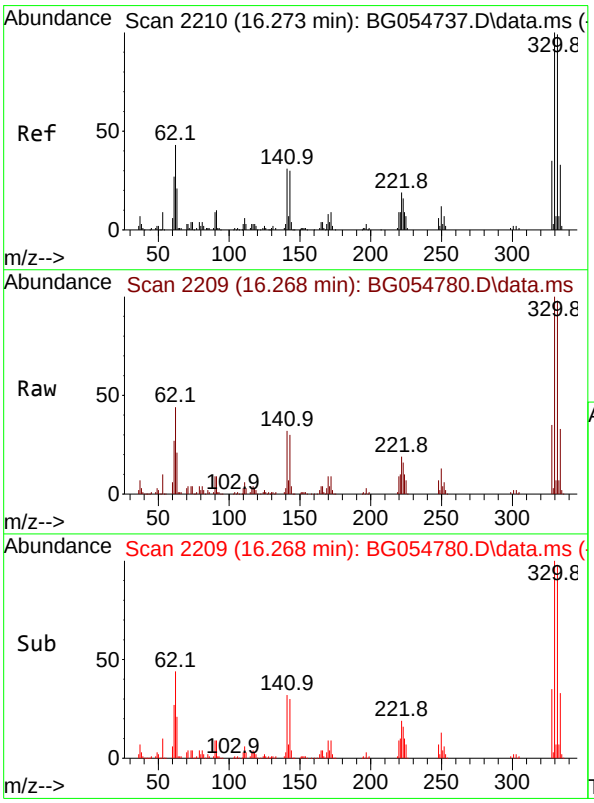
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MW-38I

Tgt Ion:164 Resp: 138442

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.4
160	48.1	38.0	57.0

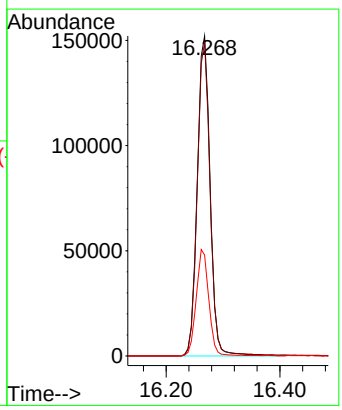


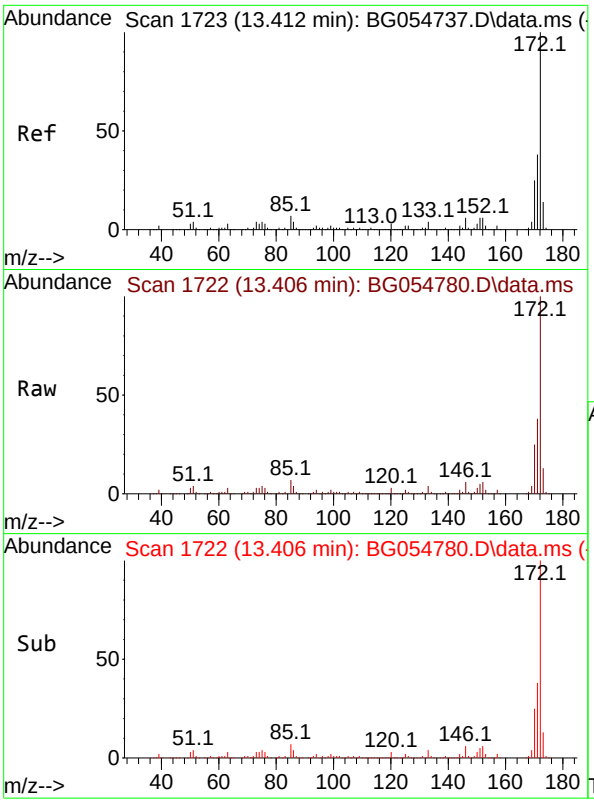


#42
2,4,6-Tribromophenol
Concen: 138.892 ng
RT: 16.268 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Tgt Ion:330 Resp: 240273

Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.8	119.6
141	32.7	26.8	40.2



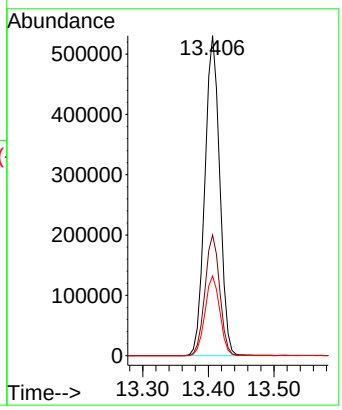


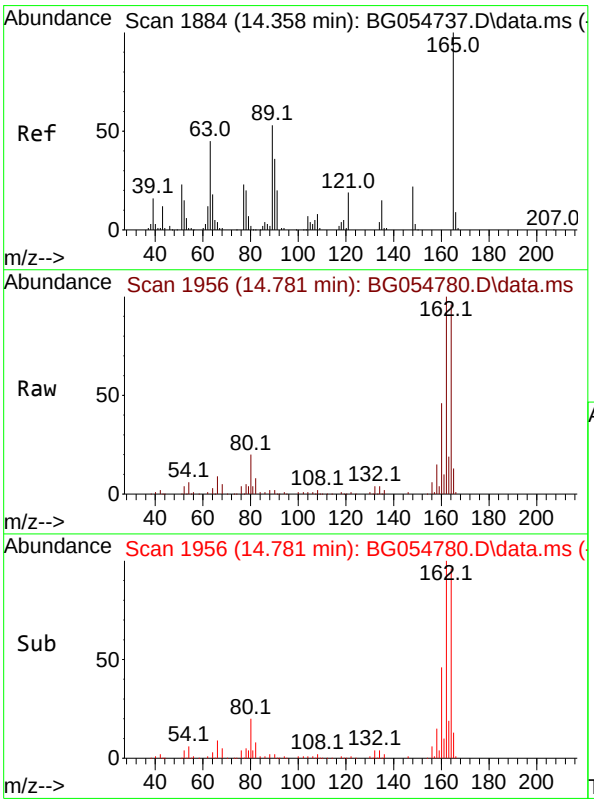
#45
2-Fluorobiphenyl
Concen: 90.810 ng
RT: 13.406 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MW-38I

Tgt Ion:172 Resp: 836449

Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.2	46.8
170	25.0	20.6	30.8

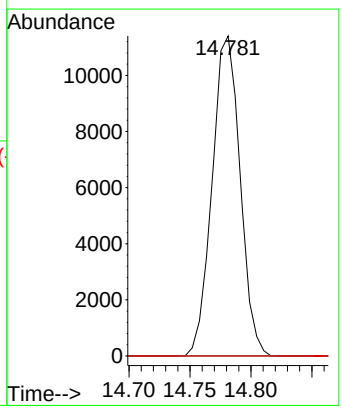


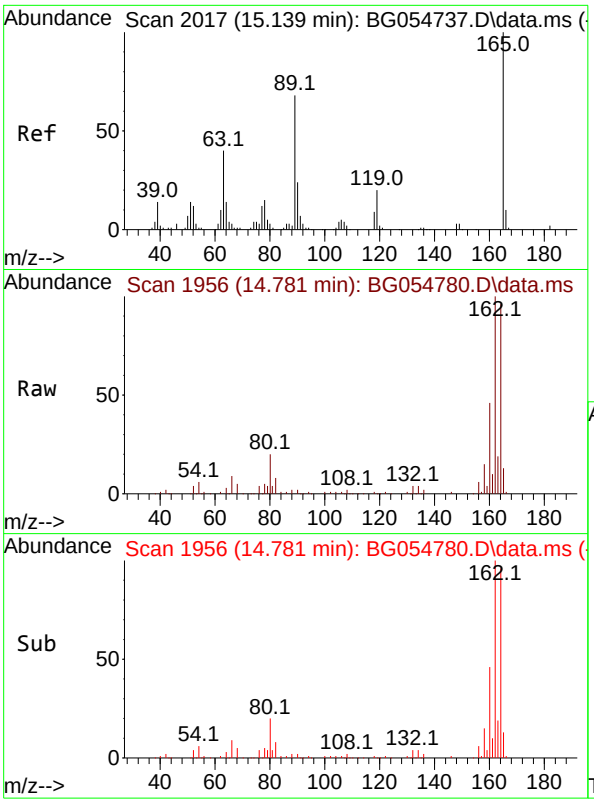


#51
2,6-Dinitrotoluene
Concen: 8.343 ng
RT: 14.781 min Scan# 1956
Delta R.T. 0.423 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Tgt Ion:165 Resp: 18200

Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.0	69.0#
89	0.0	50.3	75.5#



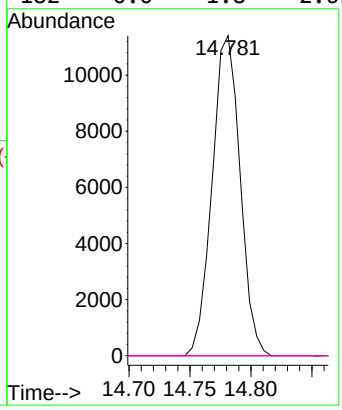


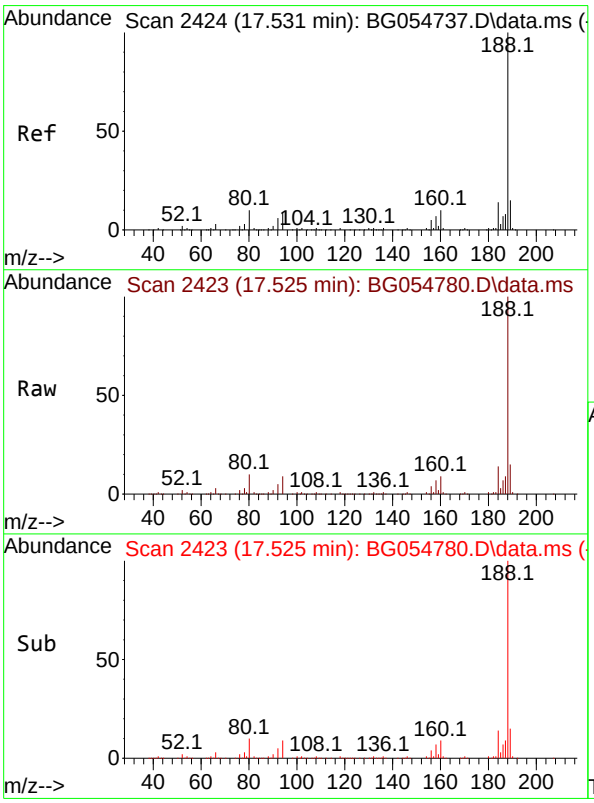
#57
2,4-Dinitrotoluene
Concen: 6.032 ng
RT: 14.781 min Scan# 1
Delta R.T. -0.358 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MW-38I

Tgt Ion:165 Resp: 18200

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

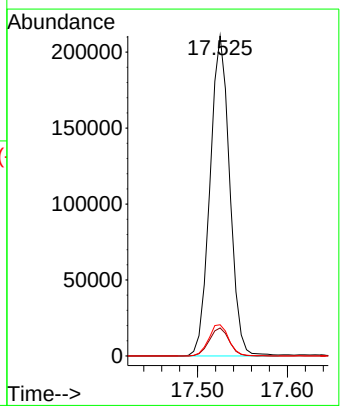


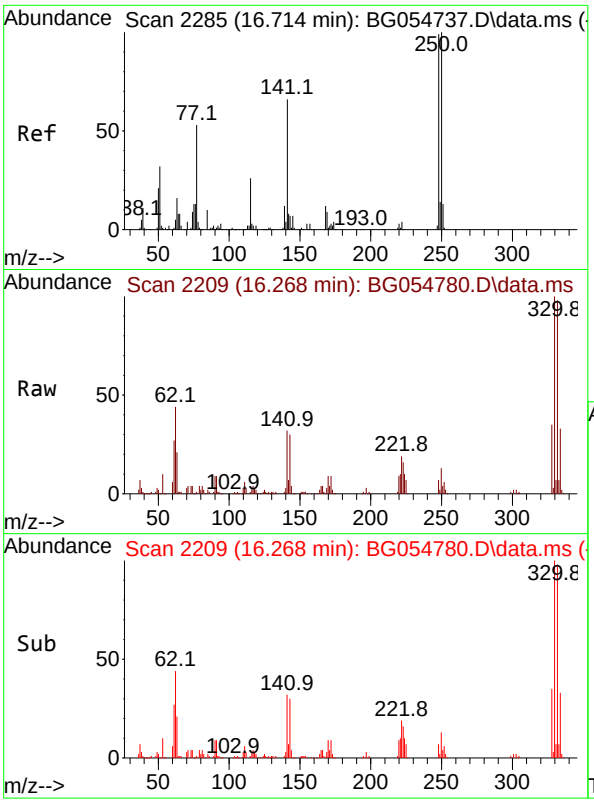


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.525 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Tgt Ion:188 Resp: 320541

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.4
80	9.8	7.9	11.9



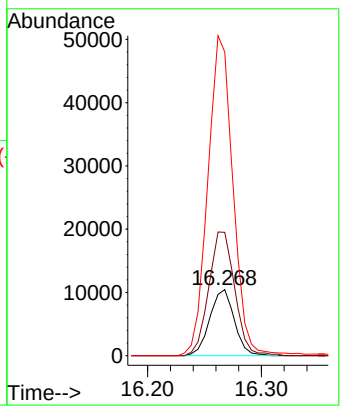


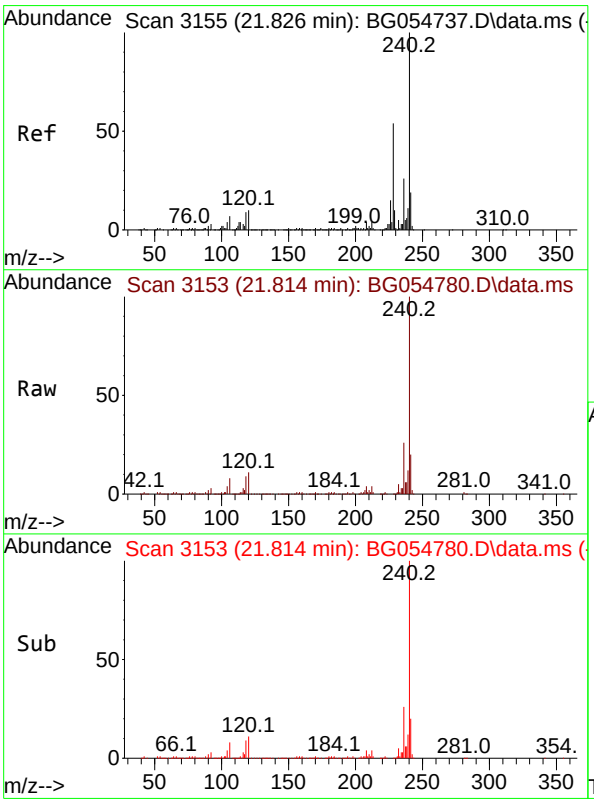
#67
4-Bromophenyl-phenylether
Concen: 4.454 ng
RT: 16.268 min Scan# 2
Delta R.T. -0.446 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MW-38I

Tgt Ion:248 Resp: 15674

Ion	Ratio	Lower	Upper
248	100		
250	186.6	78.8	118.2#
141	459.6	51.9	77.9#

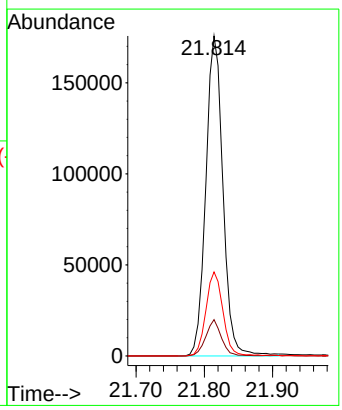


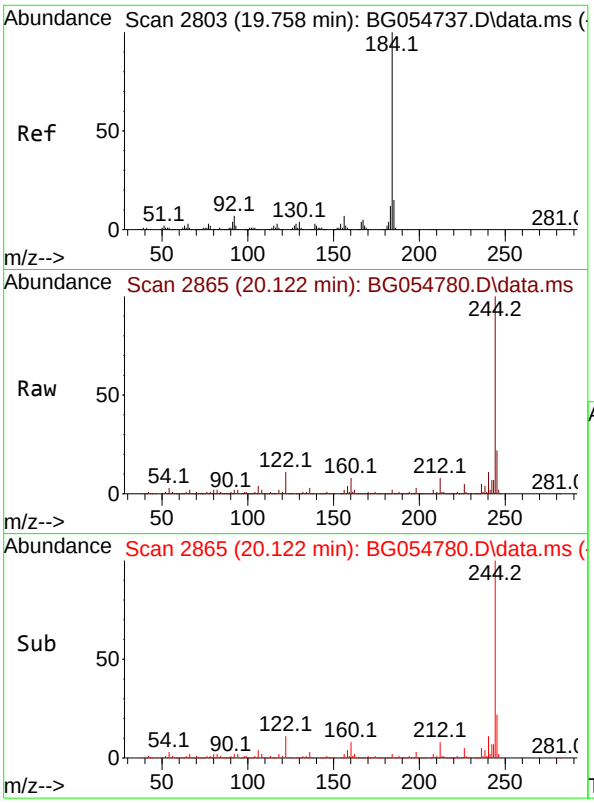


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.814 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Tgt Ion:240 Resp: 307157

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.2	12.4
236	26.3	21.2	31.8



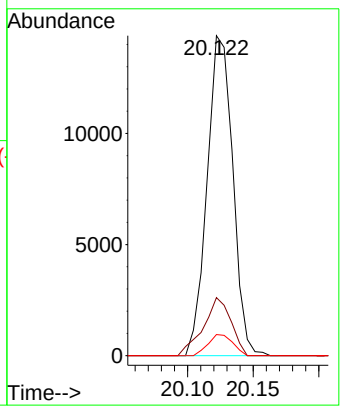


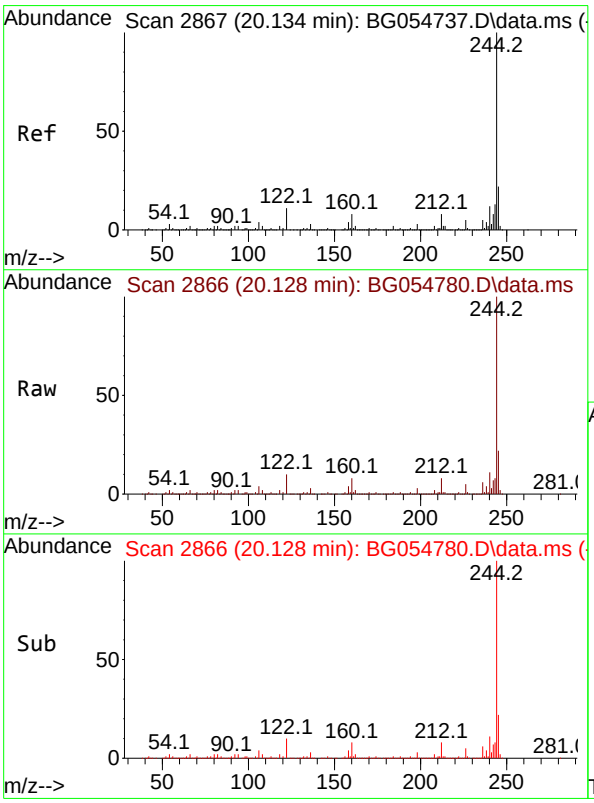
#77
Benzidine
Concen: 2.581 ng
RT: 20.122 min Scan# 2
Delta R.T. 0.364 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MW-38I

Tgt Ion:184 Resp: 19637

Ion	Ratio	Lower	Upper
184	100		
185	18.2	11.4	17.0#
183	6.6	9.8	14.8#

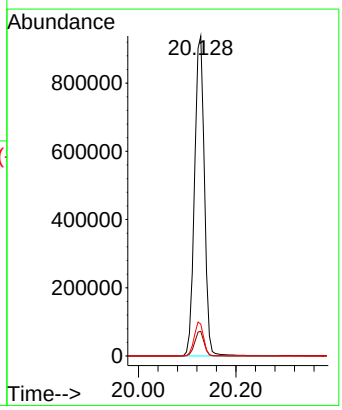


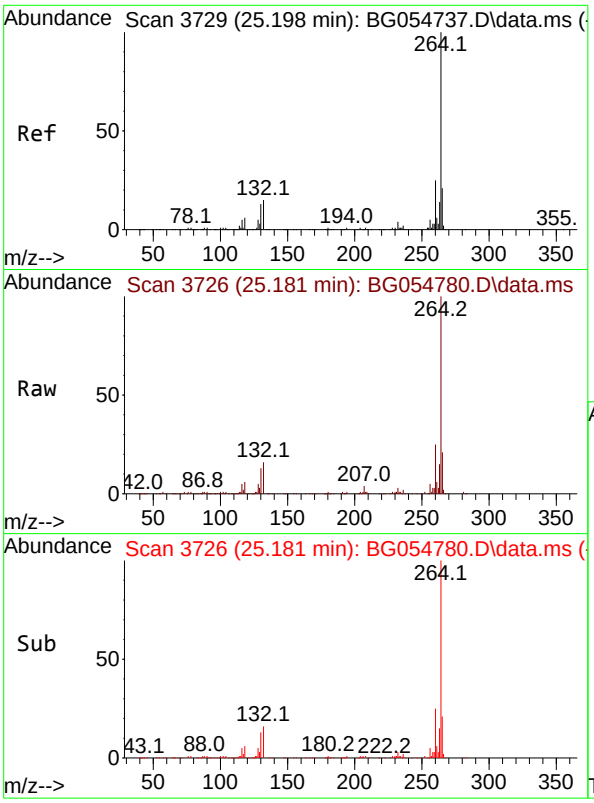


#79
Terphenyl-d14
Concen: 85.481 ng
RT: 20.128 min Scan# 2866
Delta R.T. -0.006 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Tgt Ion:244 Resp: 1325139

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	9.9	9.0	13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.181 min Scan# 3
Delta R.T. -0.017 min
Lab File: BG054780.D
Acq: 29 Aug 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MW-38I

Tgt Ion:264 Resp: 318358

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.9	29.9
265	21.5	16.9	25.3