Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
Data File : BG054772.D
Acq On : 29 Aug 2022 14:35
Operator : CG/JU
Sample : N4355-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-15

Quant Time: Aug 30 02:47:25 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	8.153	152	53514	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	216225	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	145185	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	334609	20.000	ng	0.00
76) Chrysene-d12	21.819	240	326612	20.000	ng	0.00
86) Perylene-d12	25.180	264	338908	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	167265	54.429	ng	0.00
7) Phenol-d6	7.289	99	145398	34.596	ng	0.00
23) Nitrobenzene-d5	9.322	82	313047	76.003	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	230654	127.139	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	756704	78.337	ng	0.00
79) Terphenyl-d14	20.127	244	1351451	81.986	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.322	70	38745	13.406	ng	# 80
51) 2,6-Dinitrotoluene	14.781	165	18779	8.208	ng	# 22
57) 2,4-Dinitrotoluene	14.781	165	18779	5.934	ng	# 20
67) 4-Bromophenyl-phenylether	16.267	248	15332	4.173	ng	# 1
77) Benzidine	20.127	184	20698	2.559	ng	# 93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
Data File : BG054772.D
Acq On : 29 Aug 2022 14:35
Operator : CG/JU
Sample : N4355-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

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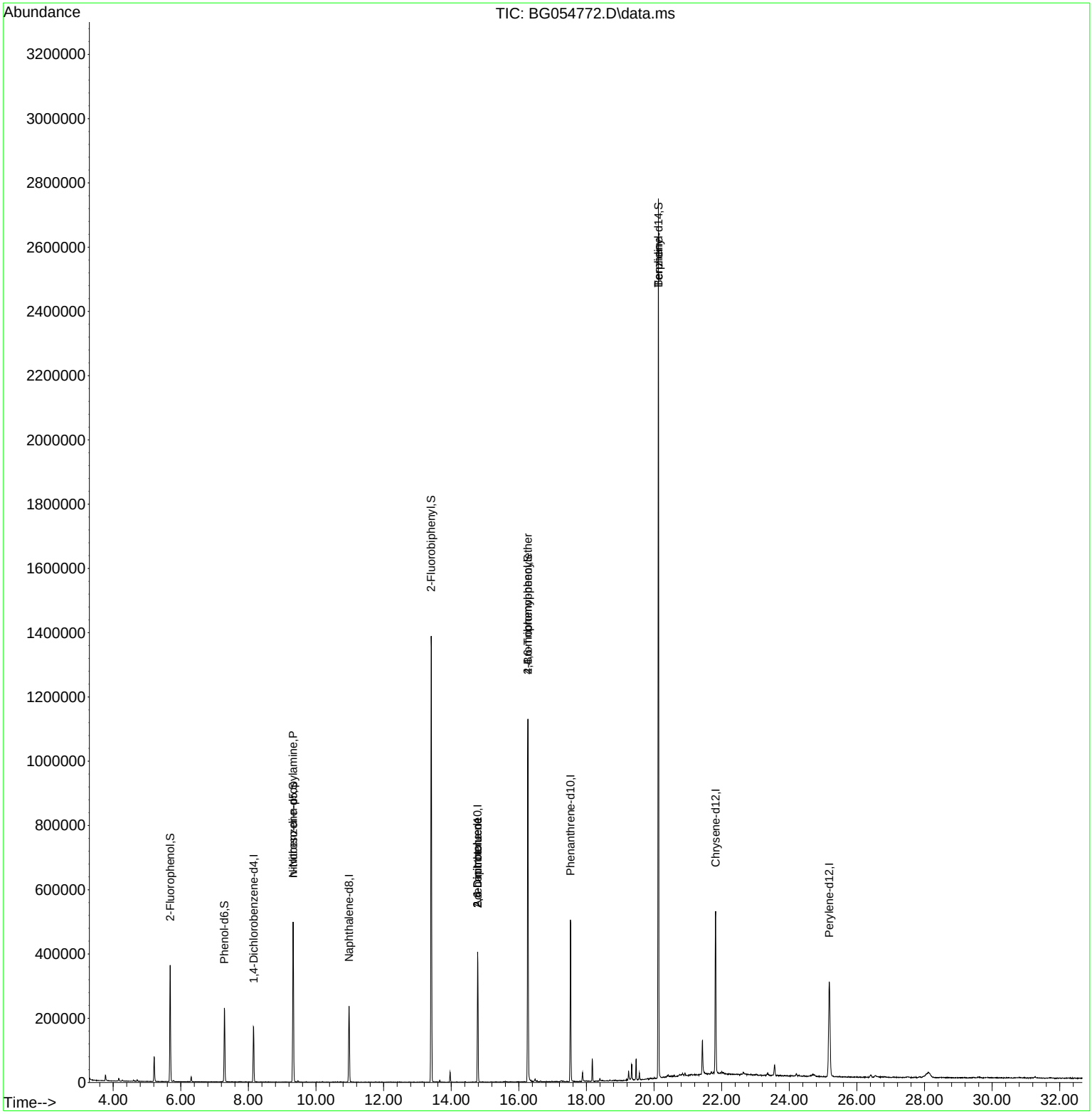
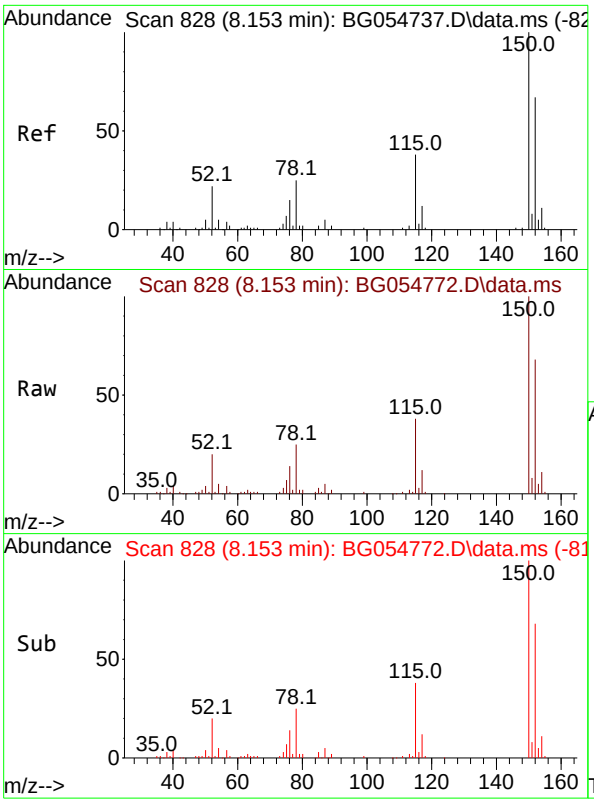
Quant Time: Aug 30 02:47:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration



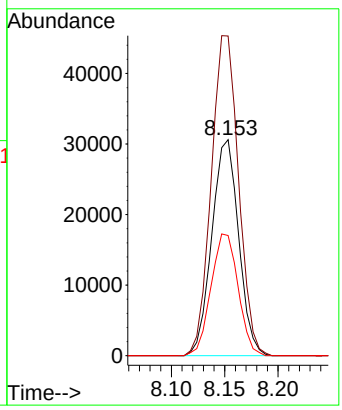


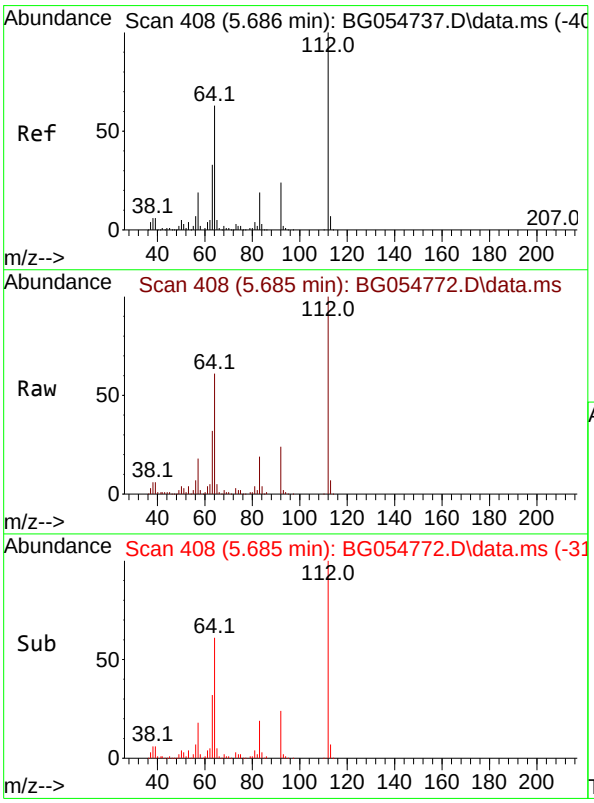
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:152 Resp: 53514

Ion	Ratio	Lower	Upper
152	100		
150	148.0	125.2	187.8
115	55.6	47.9	71.9

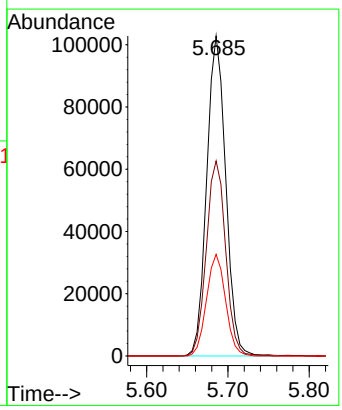


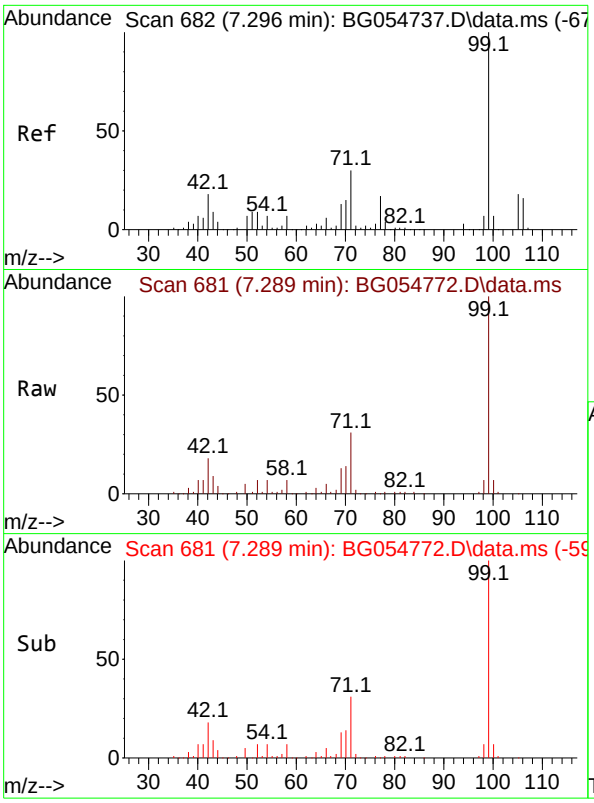


#5
2-Fluorophenol
Concen: 54.429 ng
RT: 5.685 min Scan# 408
Delta R.T. -0.000 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Tgt Ion:112 Resp: 167265

Ion	Ratio	Lower	Upper
112	100		
64	61.0	49.3	73.9
63	31.7	26.3	39.5



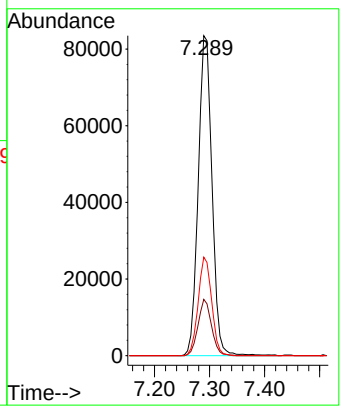


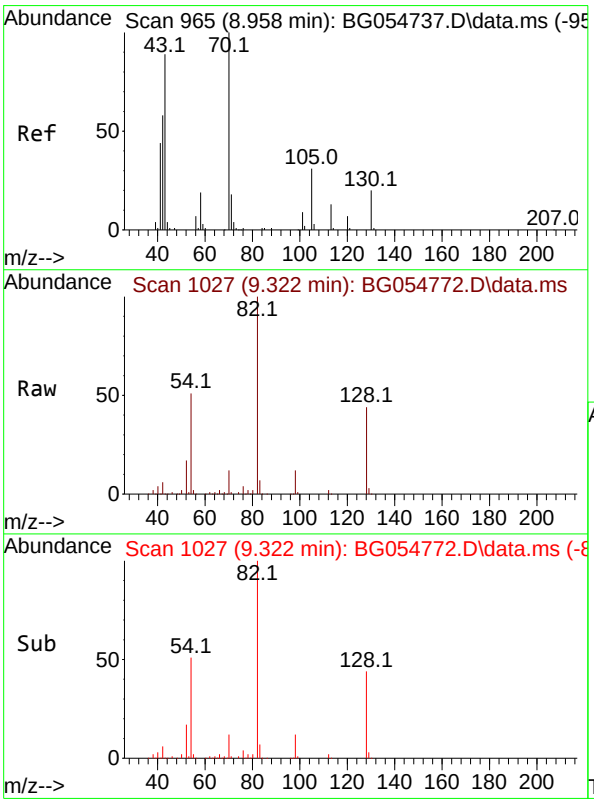
#7
Phenol-d6
Concen: 34.596 ng
RT: 7.289 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion: 99 Resp: 145398

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.6	22.0
71	30.8	24.6	37.0

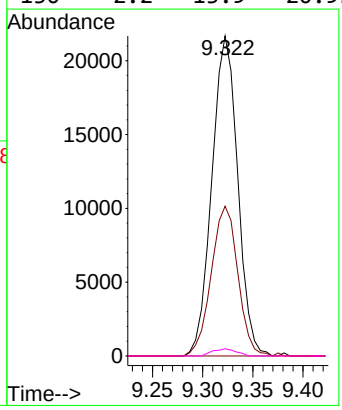


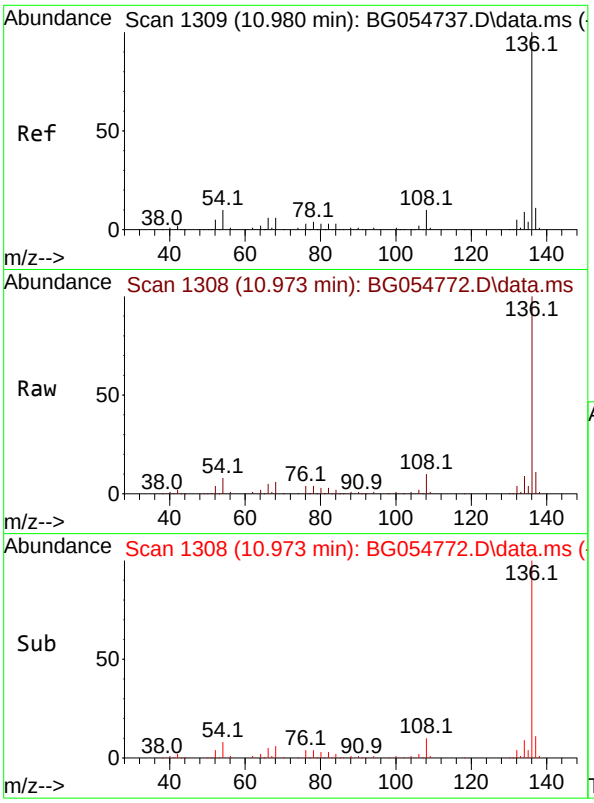


#19
n-Nitroso-di-n-propylamine
Concen: 13.406 ng
RT: 9.322 min Scan# 1027
Delta R.T. 0.364 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Tgt Ion: 70 Resp: 38745

Ion	Ratio	Lower	Upper
70	100		
42	46.8	46.6	69.8
101	0.0	7.7	11.5#
130	2.2	13.9	20.9#



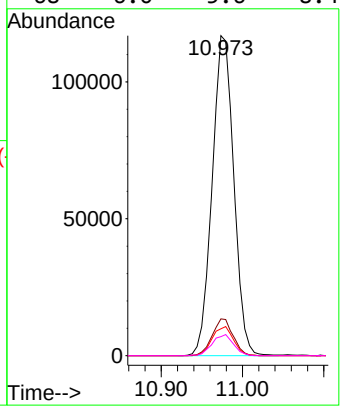


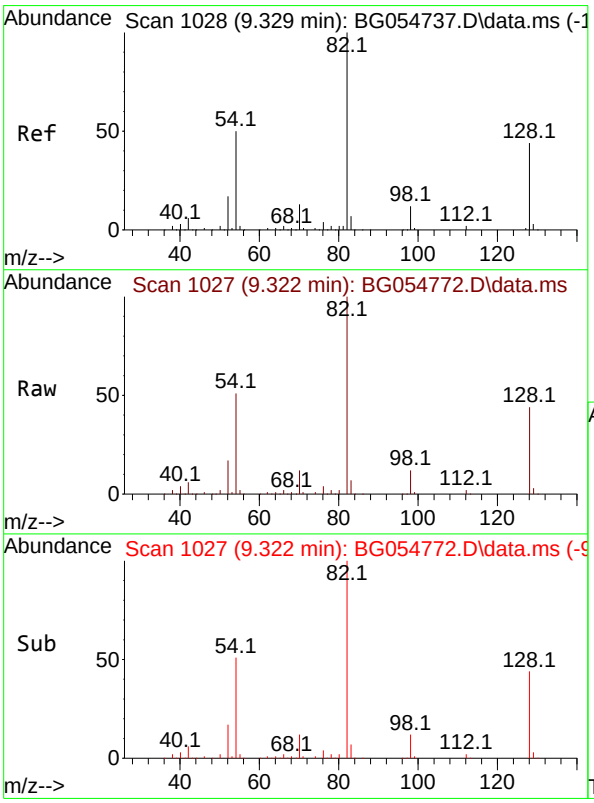
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:136 Resp: 216225

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	8.4	7.7	11.5
68	6.0	5.6	8.4

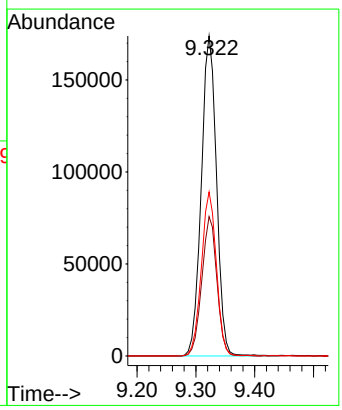


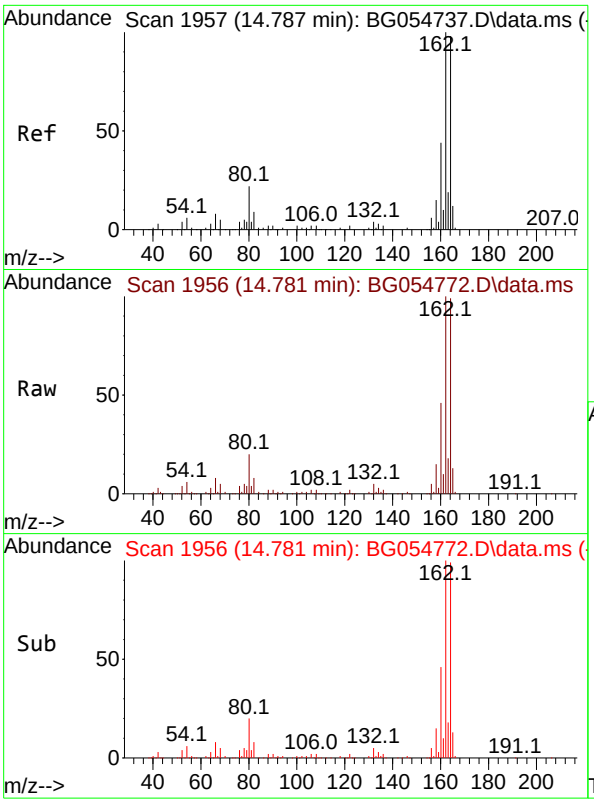


#23
Nitrobenzene-d5
Concen: 76.003 ng
RT: 9.322 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Tgt Ion: 82 Resp: 313047

Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.2	48.2
54	51.3	41.4	62.0



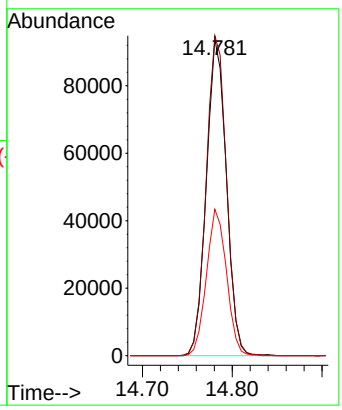


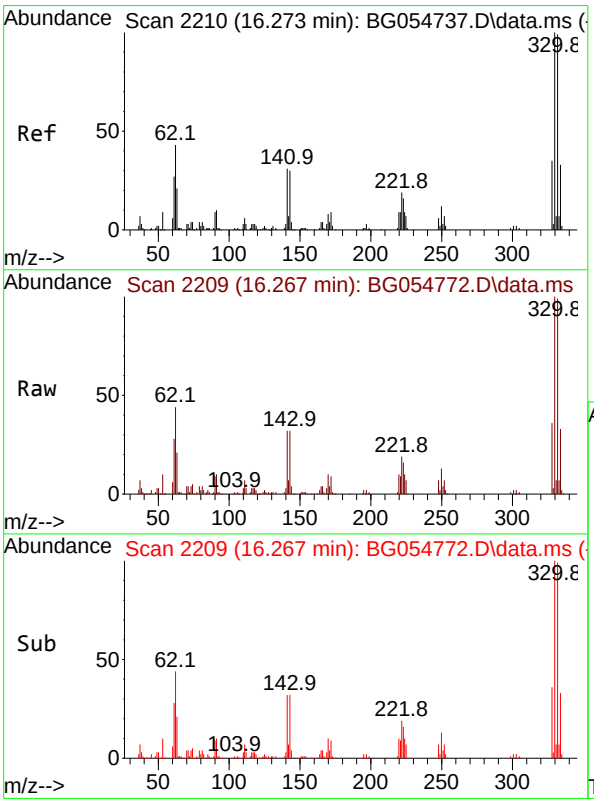
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:164 Resp: 145185

Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.0	124.4
160	46.2	38.0	57.0

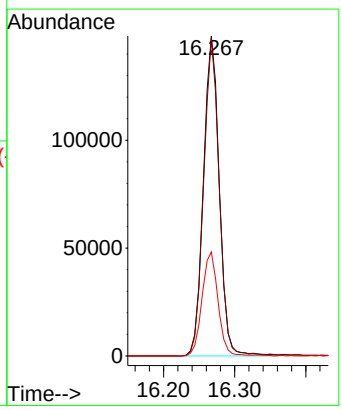


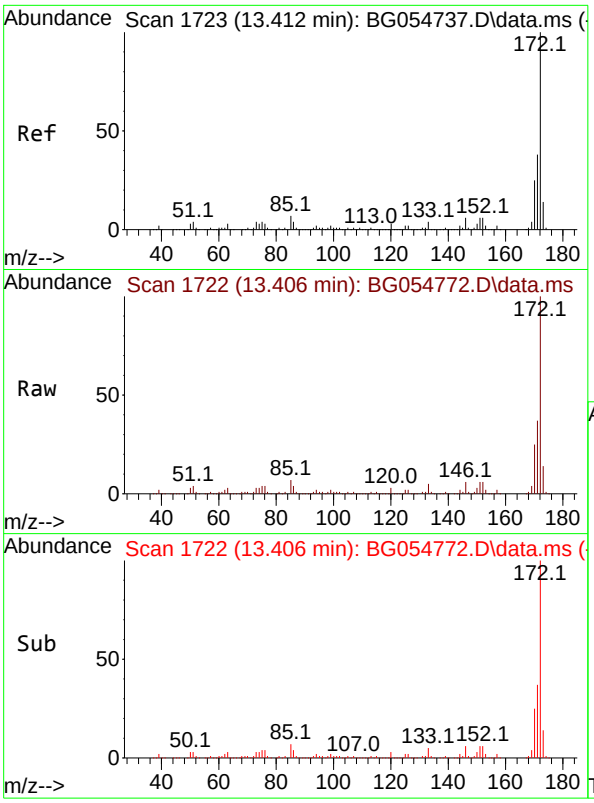


#42
2,4,6-Tribromophenol
Concen: 127.139 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Tgt Ion:330 Resp: 230654

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.8	119.6
141	32.6	26.8	40.2



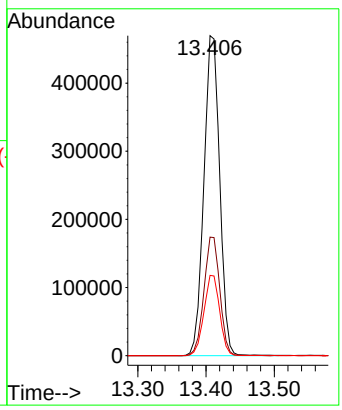


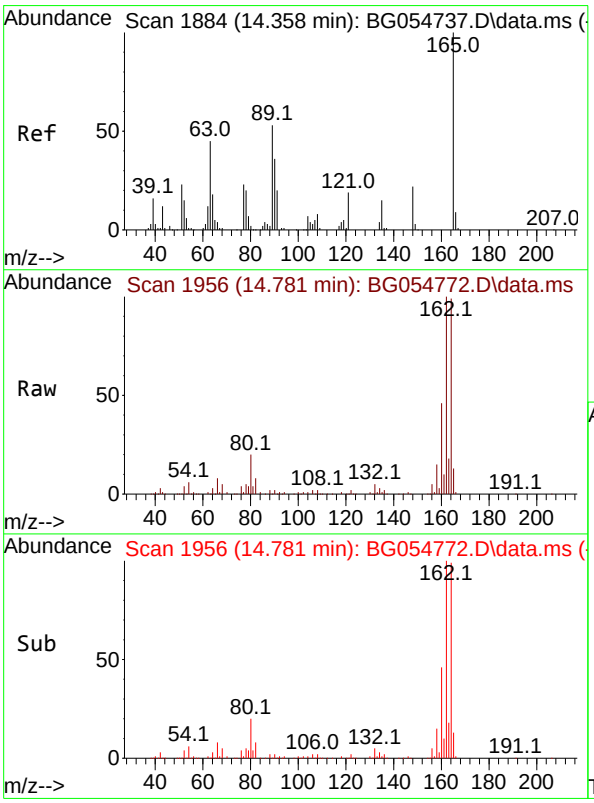
#45
2-Fluorobiphenyl
Concen: 78.337 ng
RT: 13.406 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:172 Resp: 756704

Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.2	46.8
170	25.1	20.6	30.8

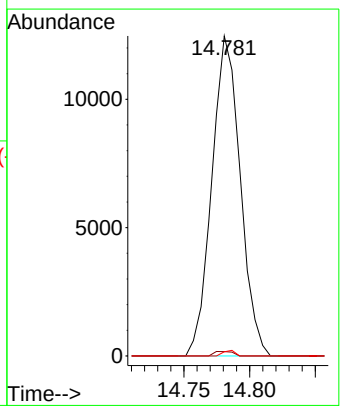


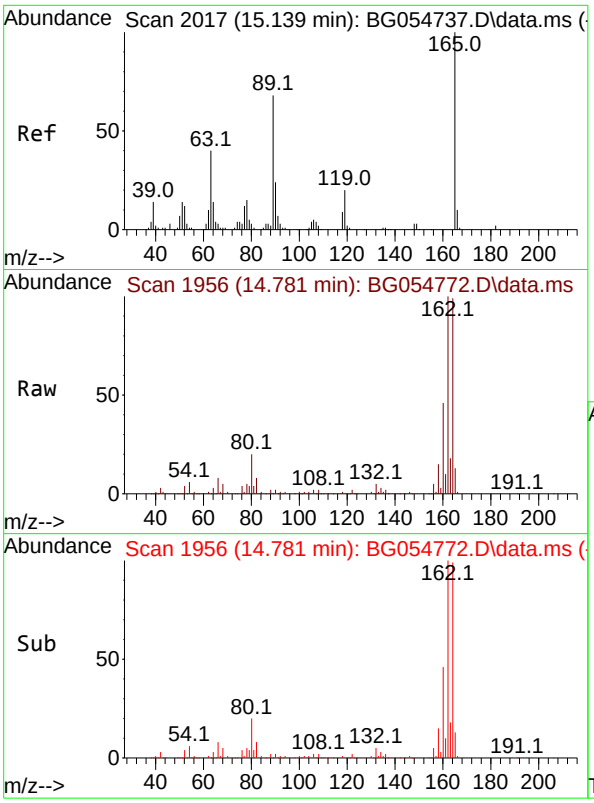


#51
2,6-Dinitrotoluene
Concen: 8.208 ng
RT: 14.781 min Scan# 1956
Delta R.T. 0.423 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Tgt Ion:165 Resp: 18779

Ion	Ratio	Lower	Upper
165	100		
63	1.4	46.0	69.0#
89	1.3	50.3	75.5#



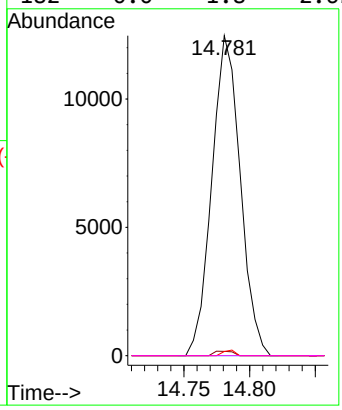


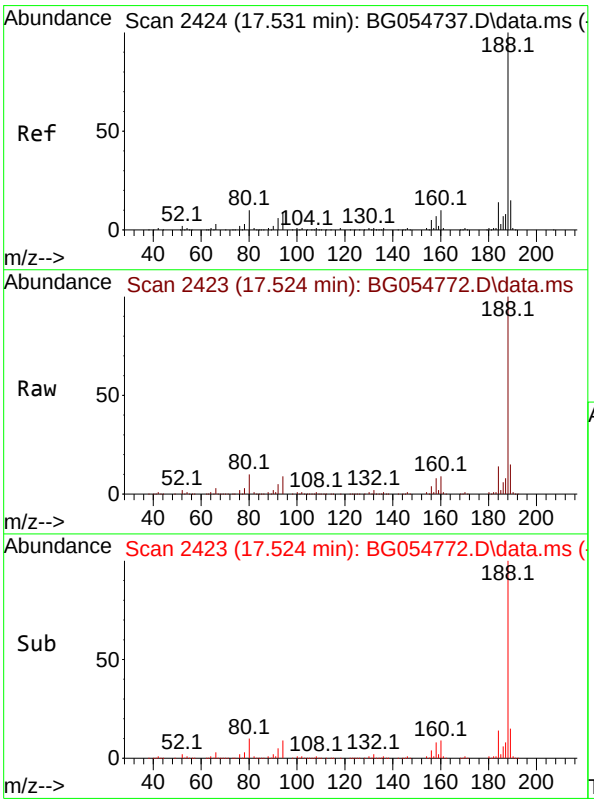
#57
2,4-Dinitrotoluene
Concen: 5.934 ng
RT: 14.781 min Scan# 1
Delta R.T. -0.359 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:165 Resp: 18779

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.8	55.2#
89	1.3	64.3	96.5#
182	0.0	1.8	2.6#

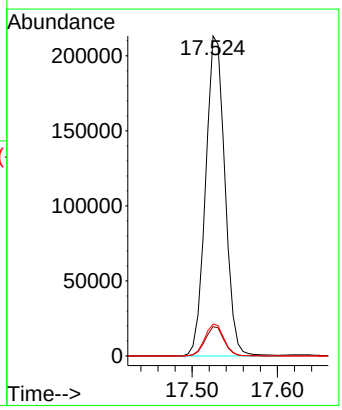


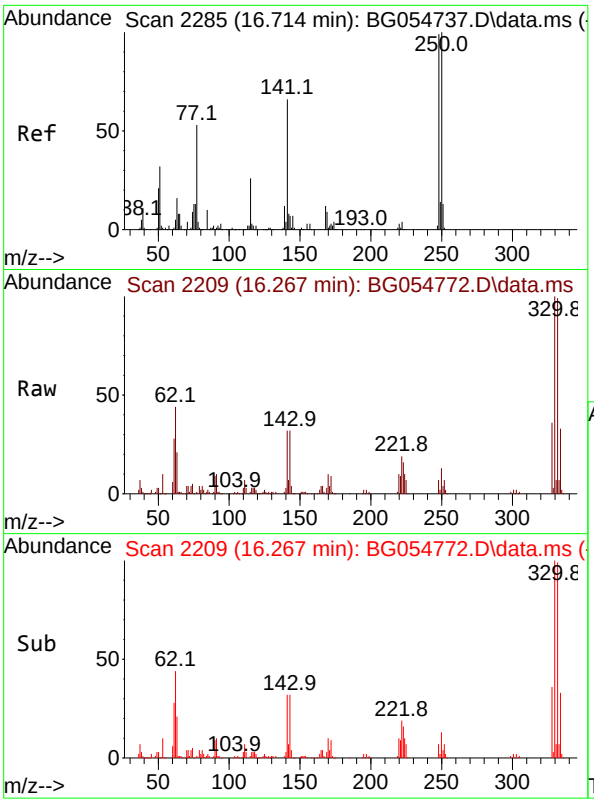


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Tgt Ion:188 Resp: 334609

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.4
80	9.9	7.9	11.9



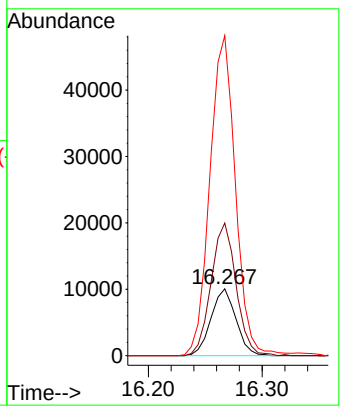


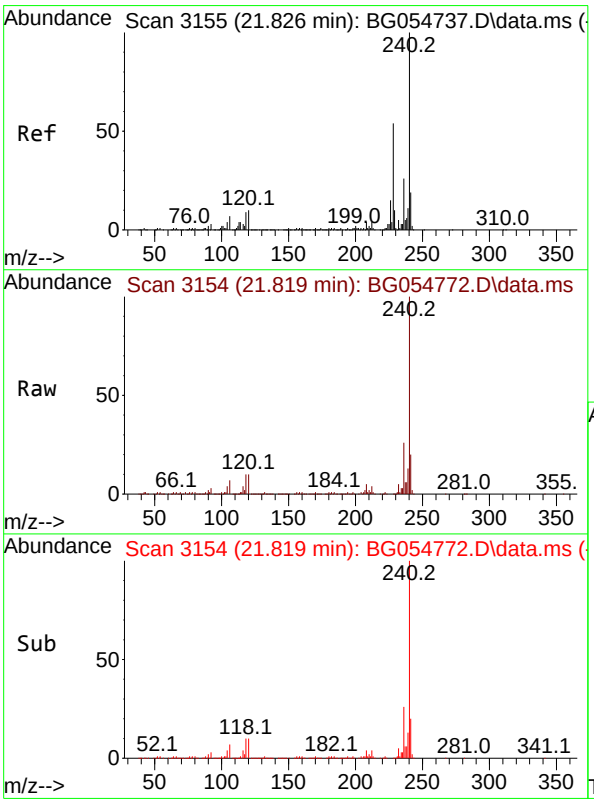
#67
4-Bromophenyl-phenylether
Concen: 4.173 ng
RT: 16.267 min Scan# 2
Delta R.T. -0.447 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:248 Resp: 15332

Ion	Ratio	Lower	Upper
248	100		
250	198.1	78.8	118.2#
141	478.2	51.9	77.9#

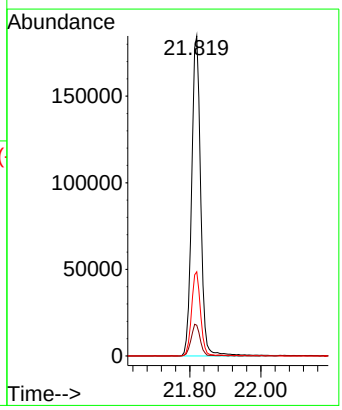


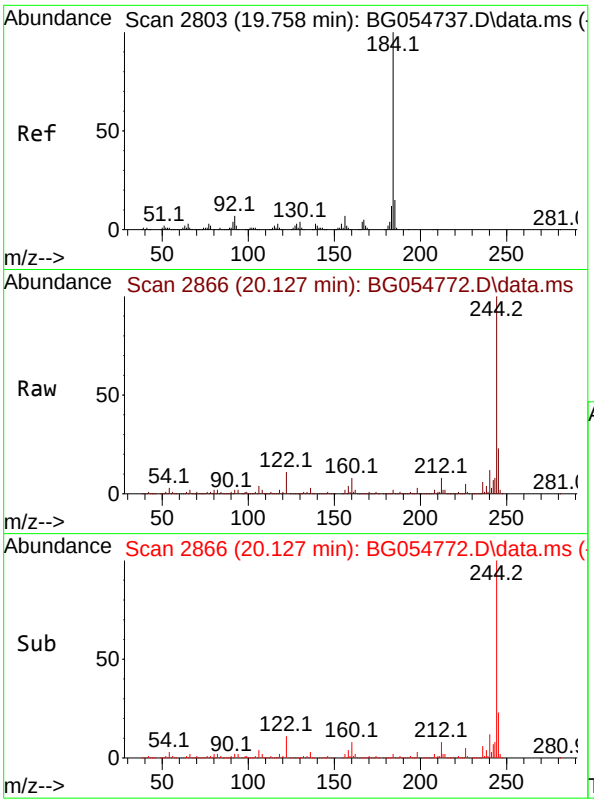


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Tgt Ion:240 Resp: 326612

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.2	12.4
236	26.3	21.2	31.8



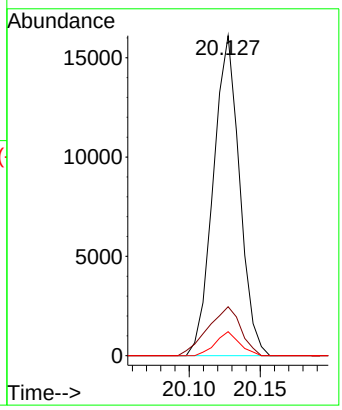


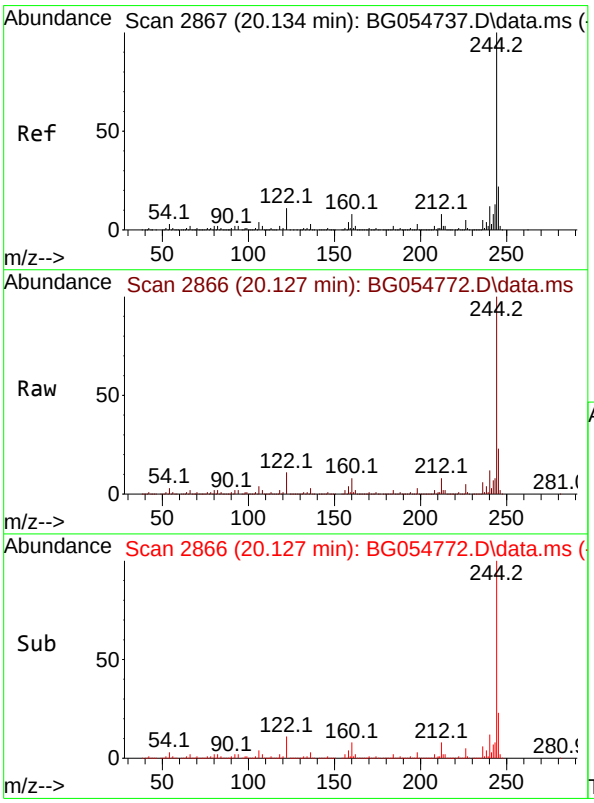
#77
Benzidine
Concen: 2.559 ng
RT: 20.127 min Scan# 2
Delta R.T. 0.370 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:184 Resp: 20698

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.4	17.0
183	7.5	9.8	14.8#

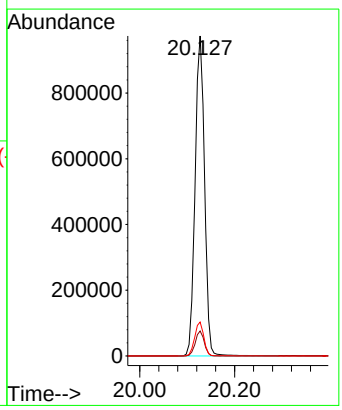


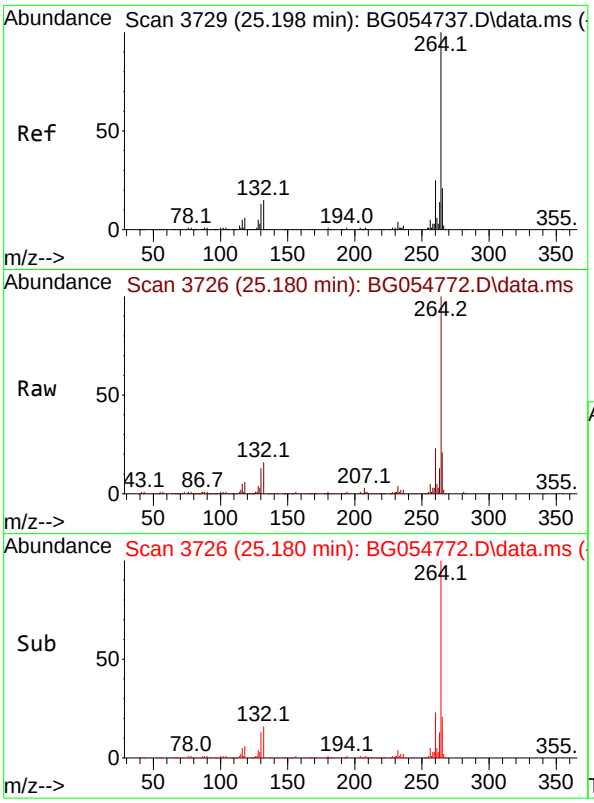


#79
Terphenyl-d14
Concen: 81.986 ng
RT: 20.127 min Scan# 2866
Delta R.T. -0.006 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Tgt Ion:244 Resp: 1351451

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	10.6	9.0	13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.180 min Scan# 3
Delta R.T. -0.018 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:264 Resp: 338908

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.9	29.9
265	21.0	16.9	25.3