Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
Data File : BG054532.D
Acq On : 5 Aug 2022 12:40
Operator : CG/JU
Sample : N3931-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-122

Quant Time: Aug 06 05:39:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	13047	20.000	ng	-0.01
21) Naphthalene-d8	10.791	136	54049	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	46874	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	129476	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	146221	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	151731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	84238	134.804	ng	0.00
7) Phenol-d6	7.177	99	115133	134.461	ng	0.00
23) Nitrobenzene-d5	9.145	82	74691	75.255	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	130230	132.323	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	240016	72.234	ng	0.00
79) Terphenyl-d14	19.974	244	581955	78.955	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.088	88	621	2.498	ng	# 1
19) n-Nitroso-di-n-propyla...	9.140	70	10717	18.743	ng	# 82
51) 2,6-Dinitrotoluene	14.621	165	6387	7.953	ng	# 16
57) 2,4-Dinitrotoluene	14.621	165	6387	5.548	ng	# 21
67) 4-Bromophenyl-phenylether	16.114	248	7935	4.364	ng	# 1

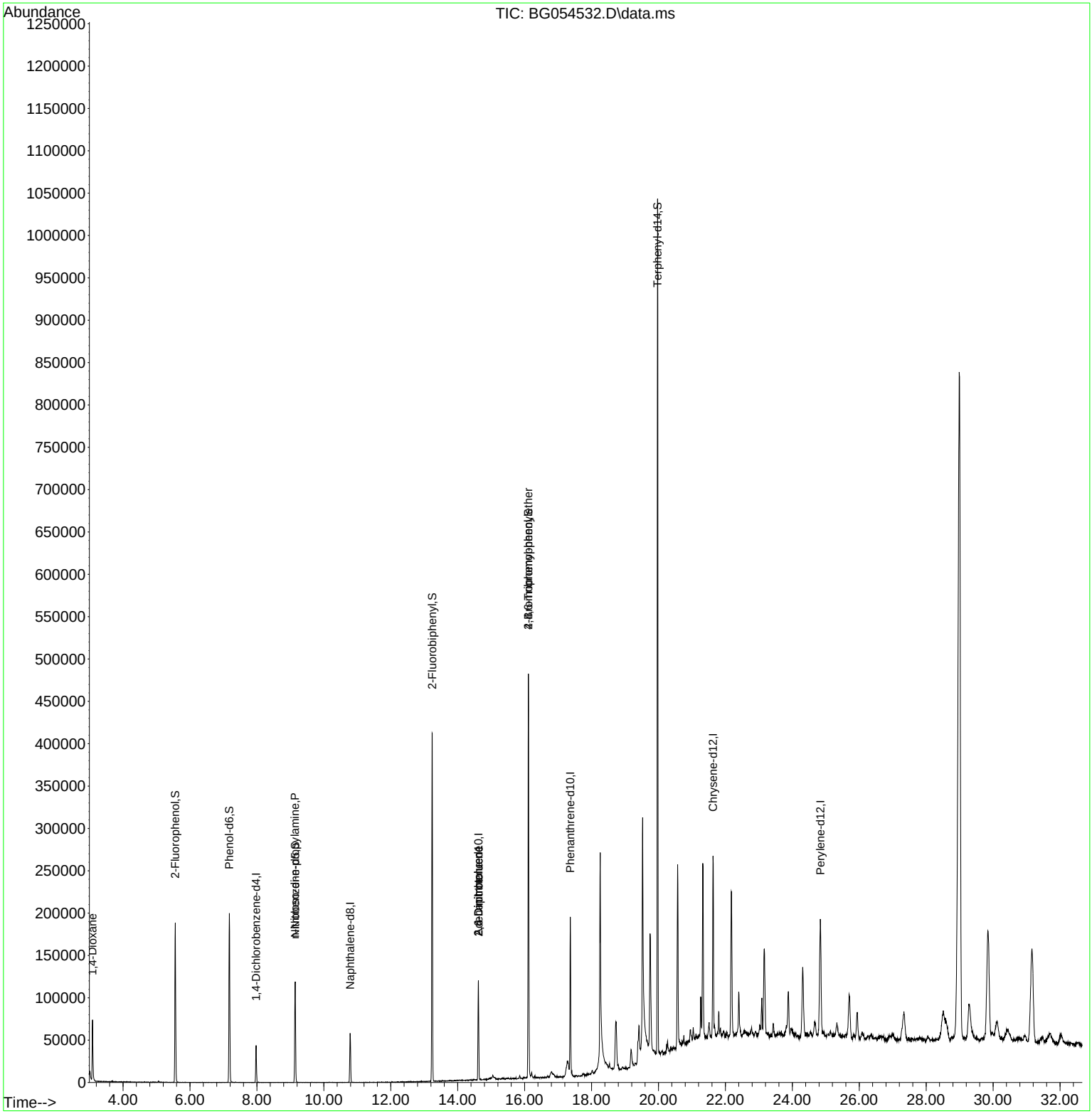
(#) = qualifier out of range (m) = manual integration (+) = signals summed

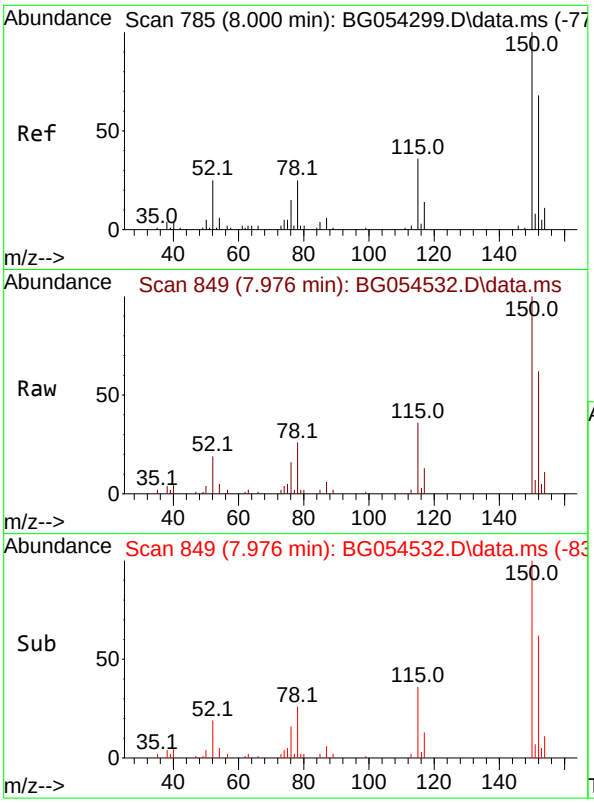
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
Data File : BG054532.D
Acq On : 5 Aug 2022 12:40
Operator : CG/JU
Sample : N3931-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-122

Quant Time: Aug 06 05:39:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration



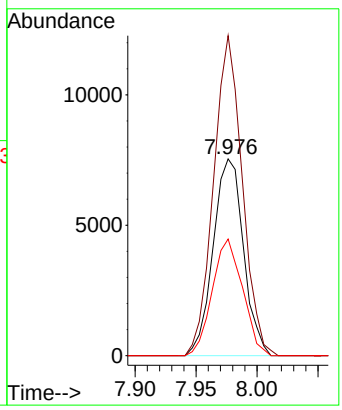


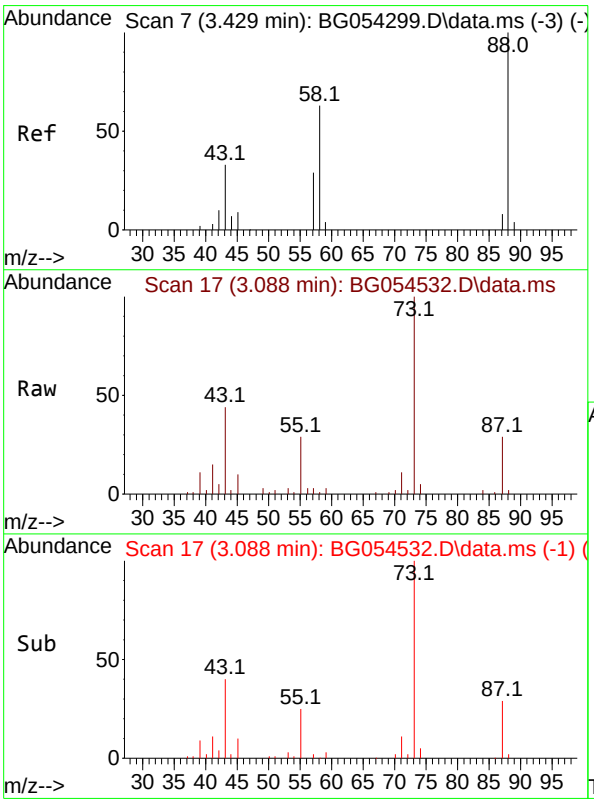
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.976 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG054532.D
Acq: 5 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-122

Tgt Ion:152 Resp: 13047

Ion	Ratio	Lower	Upper
152	100		
150	162.6	131.6	197.4
115	59.2	50.9	76.3

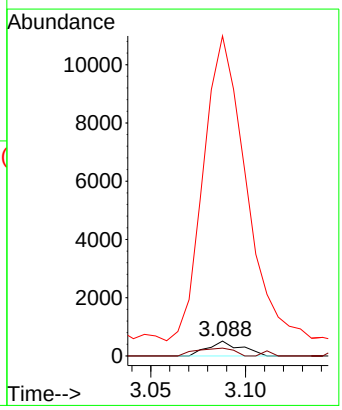


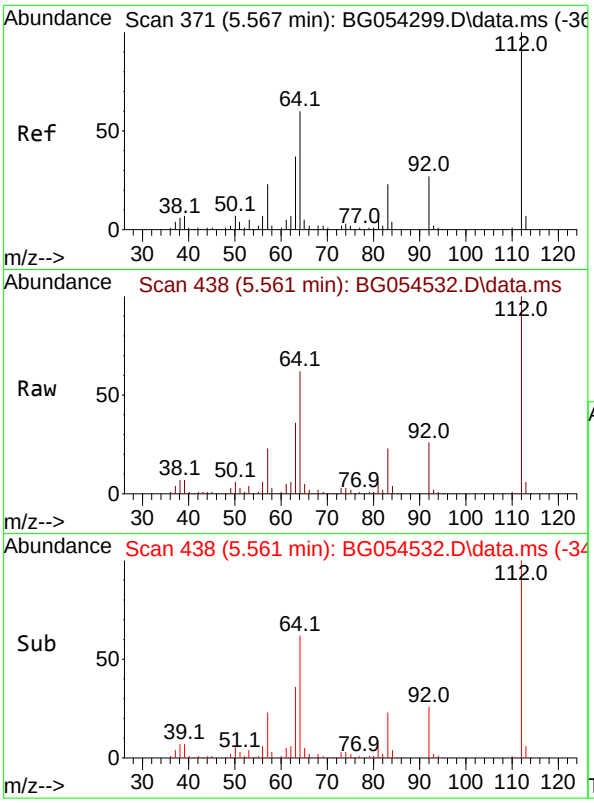


#2
1,4-Dioxane
Concen: 2.498 ng
RT: 3.088 min Scan# 17
Delta R.T. -0.329 min
Lab File: BG054532.D
Acq: 5 Aug 2022 12:40

Tgt Ion: 88 Resp: 621

Ion	Ratio	Lower	Upper
88	100		
58	59.9	59.2	88.8
43	2832.2	24.3	36.5#



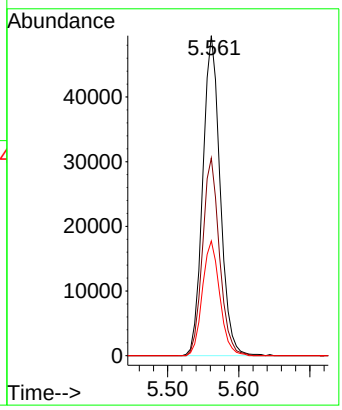


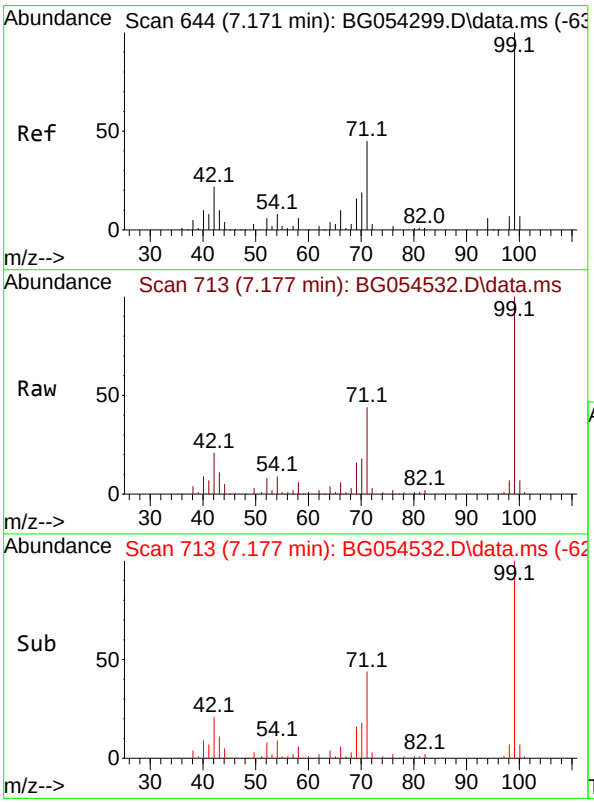
#5
2-Fluorophenol
Concen: 134.804 ng
RT: 5.561 min Scan# 4
Delta R.T. -0.000 min
Lab File: BG054532.D
Acq: 5 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-122

Tgt Ion:112 Resp: 84238

Ion	Ratio	Lower	Upper
112	100		
64	61.8	55.1	82.7
63	35.9	30.4	45.6

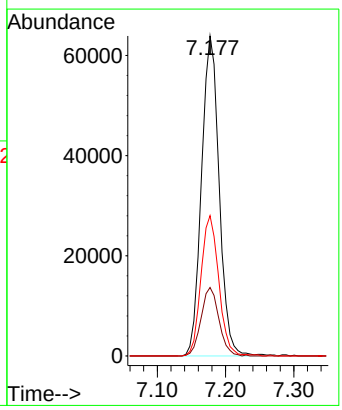


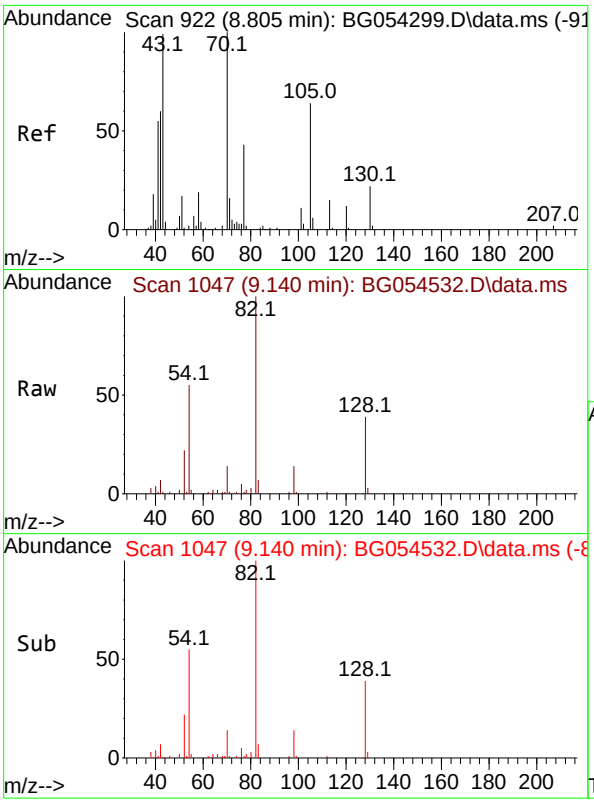


#7
Phenol-d6
Concen: 134.461 ng
RT: 7.177 min Scan# 713
Delta R.T. 0.005 min
Lab File: BG054532.D
Acq: 5 Aug 2022 12:40

Tgt Ion: 99 Resp: 115133

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	43.9	33.8	50.8



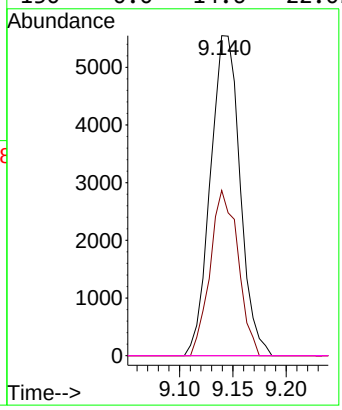


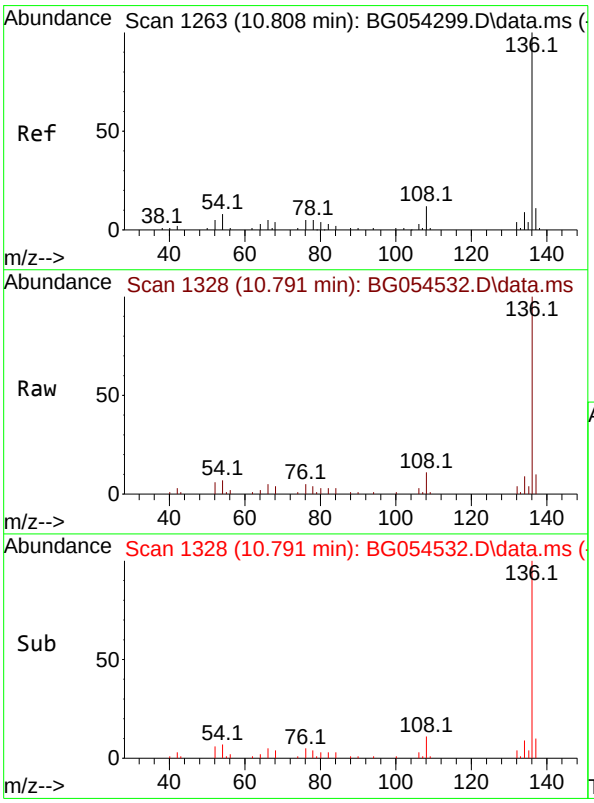
#19
n-Nitroso-di-n-propylamine
Concen: 18.743 ng
RT: 9.140 min Scan# 1
Delta R.T. 0.346 min
Lab File: BG054532.D
Acq: 5 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-122

Tgt Ion: 70 Resp: 10717

Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#

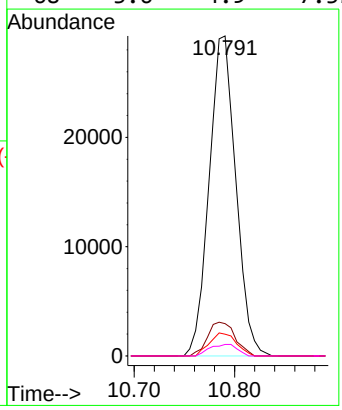


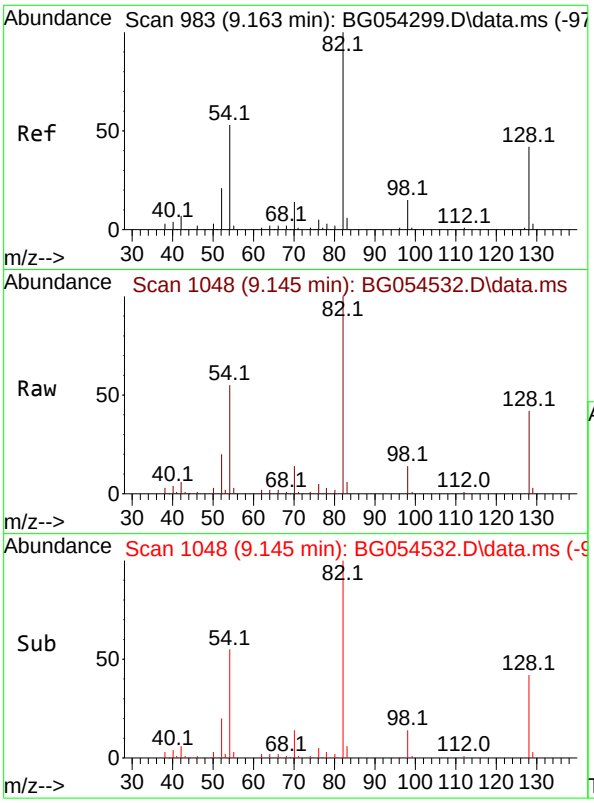


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.791 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG054532.D
Acq: 5 Aug 2022 12:40

Tgt Ion:136 Resp: 54049

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.5	12.7
54	6.8	7.4	11.2#
68	3.6	4.9	7.3#



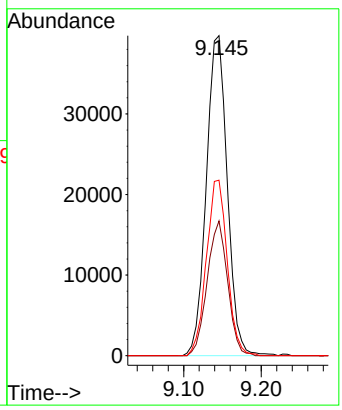


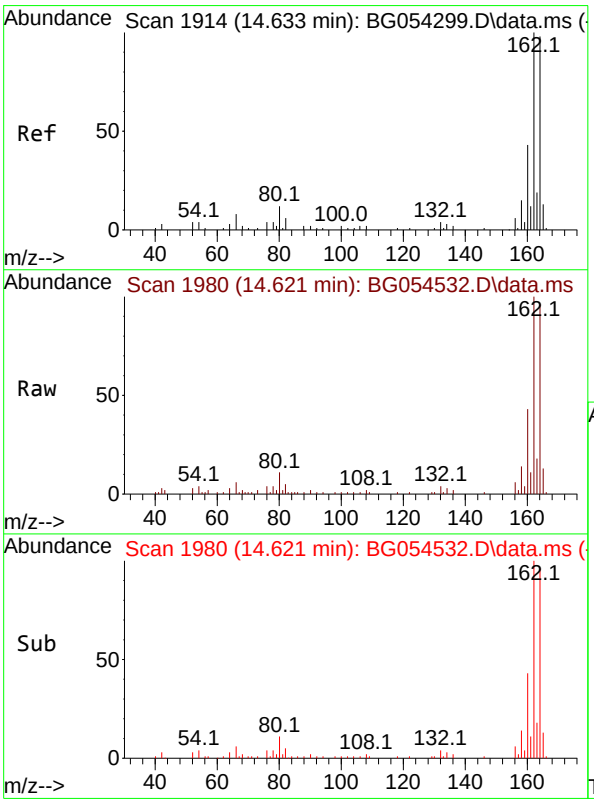
#23
Nitrobenzene-d5
Concen: 75.255 ng
RT: 9.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054532.D
Acq: 5 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-122

Tgt Ion: 82 Resp: 74691

Ion	Ratio	Lower	Upper
82	100		
128	42.1	27.9	41.9#
54	54.9	41.2	61.8

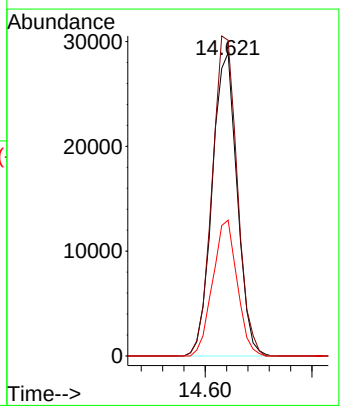


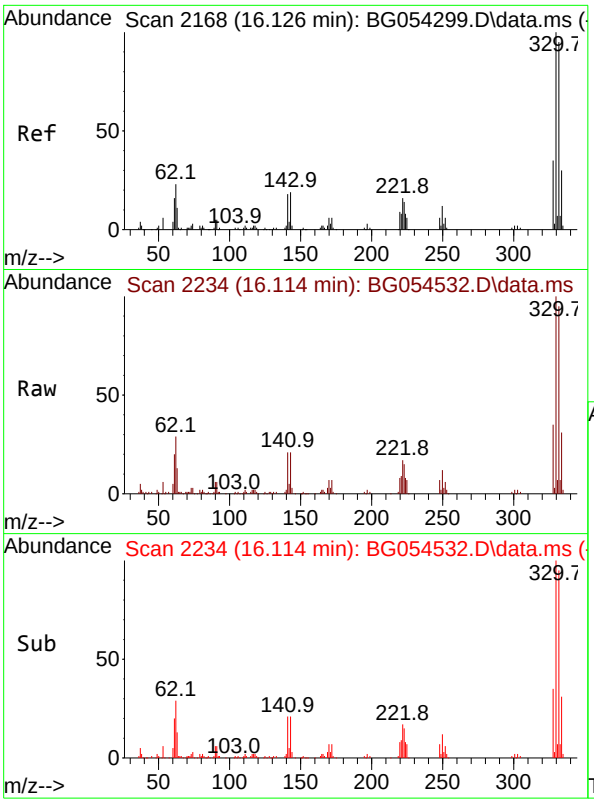


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BG054532.D
Acq: 5 Aug 2022 12:40

Tgt Ion:164 Resp: 46874

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.3	123.5
160	44.9	34.2	51.2



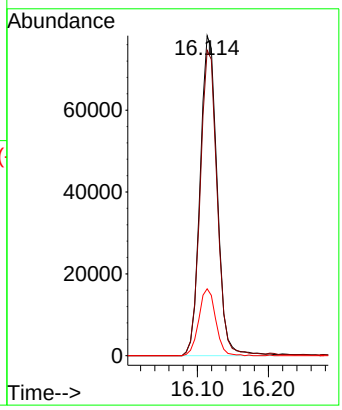


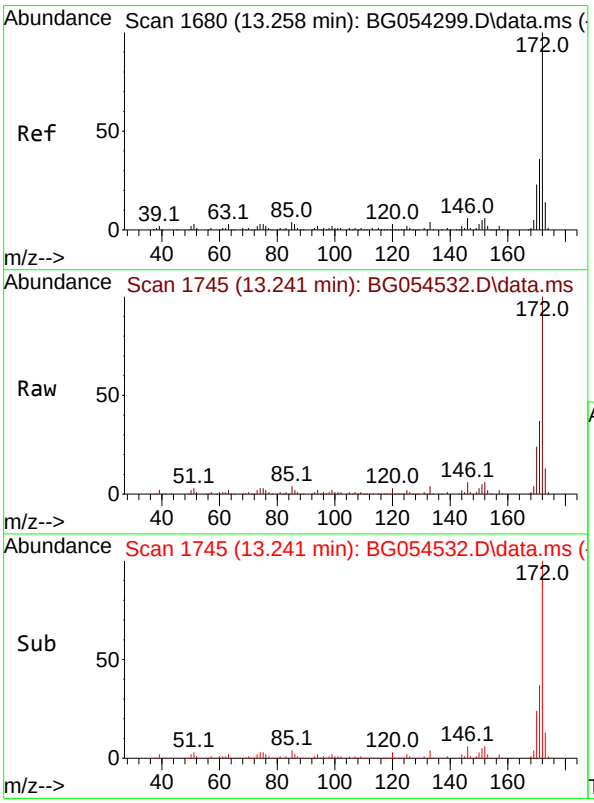
#42
2,4,6-Tribromophenol
Concen: 132.323 ng
RT: 16.114 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG054532.D
Acq: 5 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-122

Tgt Ion:330 Resp: 130230

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.0	114.0
141	20.7	27.1	40.7#

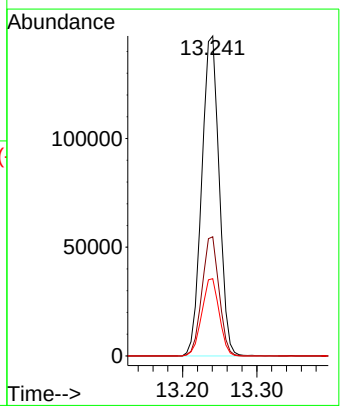


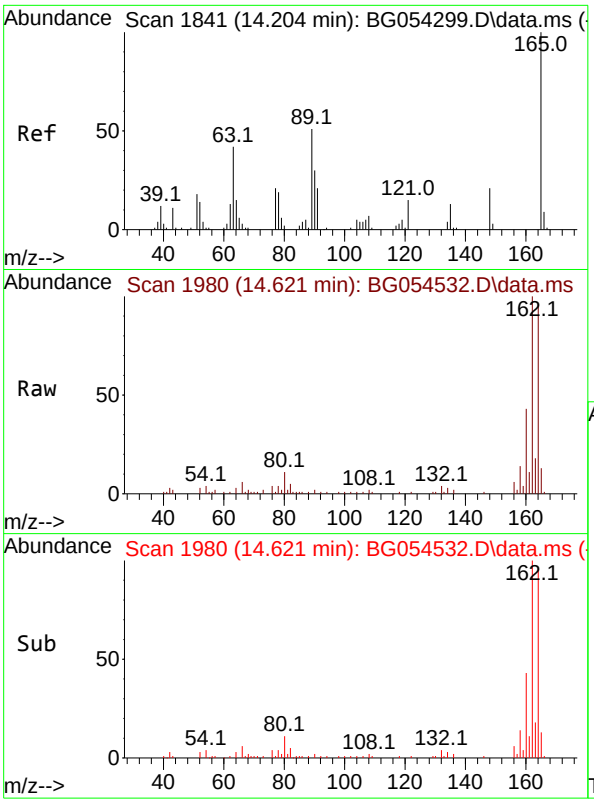


#45
2-Fluorobiphenyl
Concen: 72.234 ng
RT: 13.241 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG054532.D
Acq: 5 Aug 2022 12:40

Tgt Ion:172 Resp: 240016

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.5	42.7
170	24.2	18.9	28.3



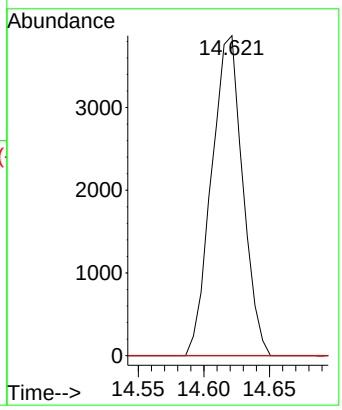


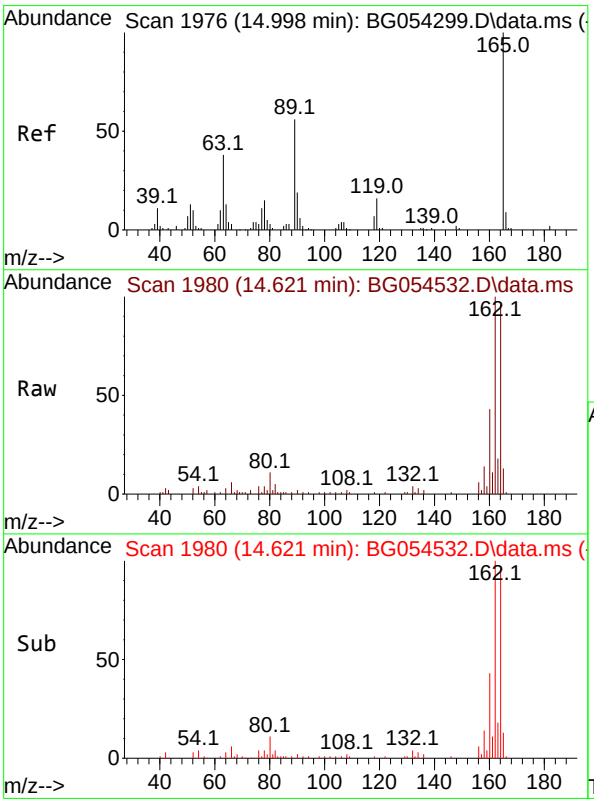
#51
2,6-Dinitrotoluene
Concen: 7.953 ng
RT: 14.621 min Scan# 1
Delta R.T. 0.423 min
Lab File: BG054532.D
Acq: 5 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-122

Tgt Ion:165 Resp: 6387

Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	0.0	54.8	82.2#

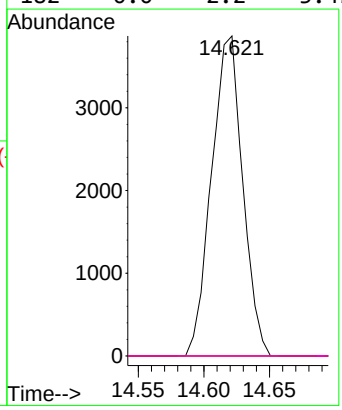


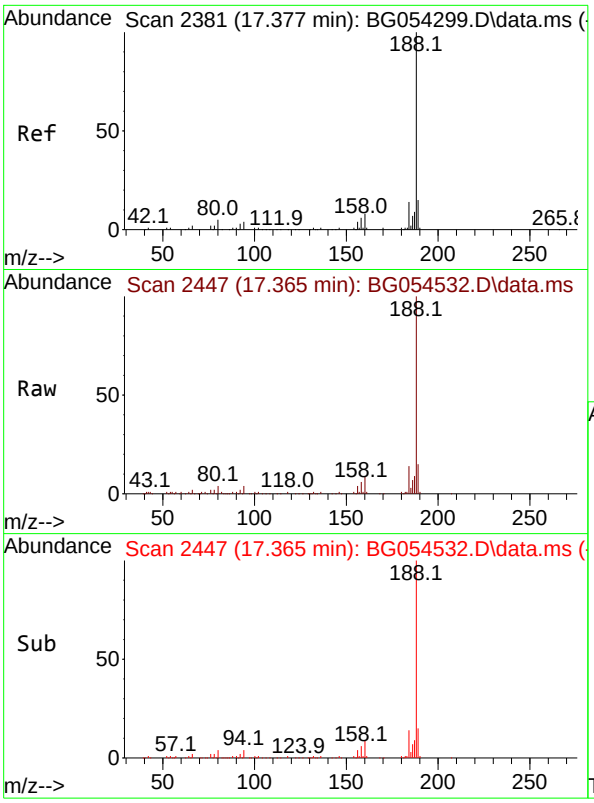


#57
2,4-Dinitrotoluene
Concen: 5.548 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.371 min
Lab File: BG054532.D
Acq: 5 Aug 2022 12:40

Tgt Ion:165 Resp: 6387

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#



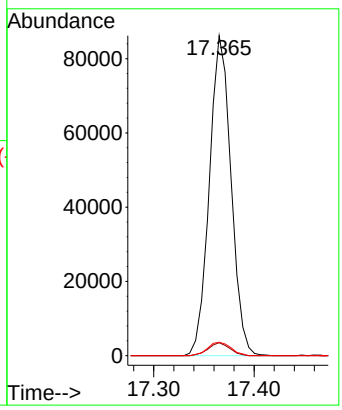


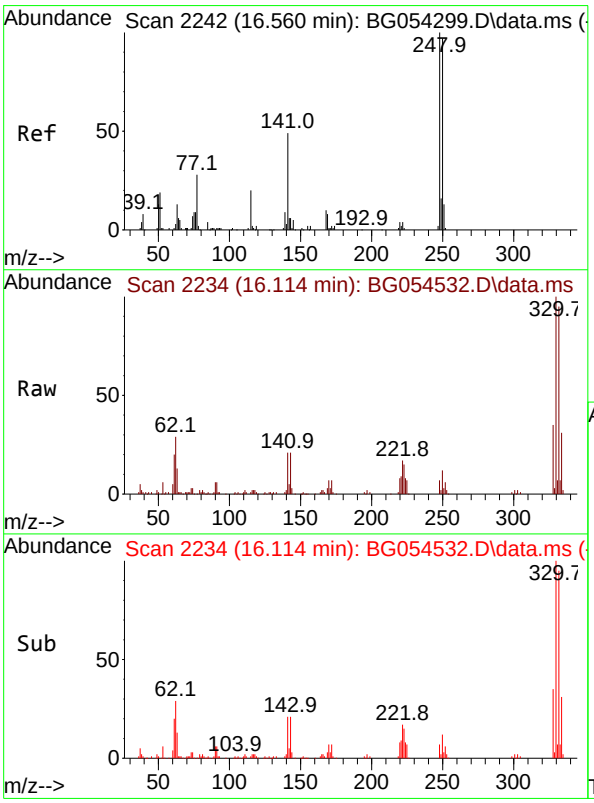
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.365 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG054532.D
Acq: 5 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-122

Tgt Ion:188 Resp: 129476

Ion	Ratio	Lower	Upper
188	100		
94	4.0	5.4	8.0#
80	4.2	6.8	10.2#

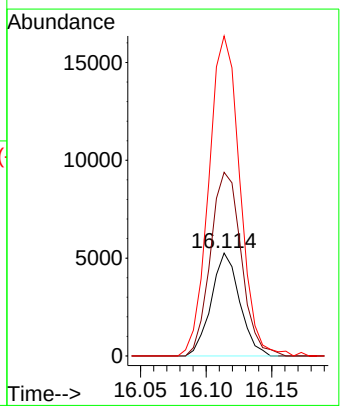


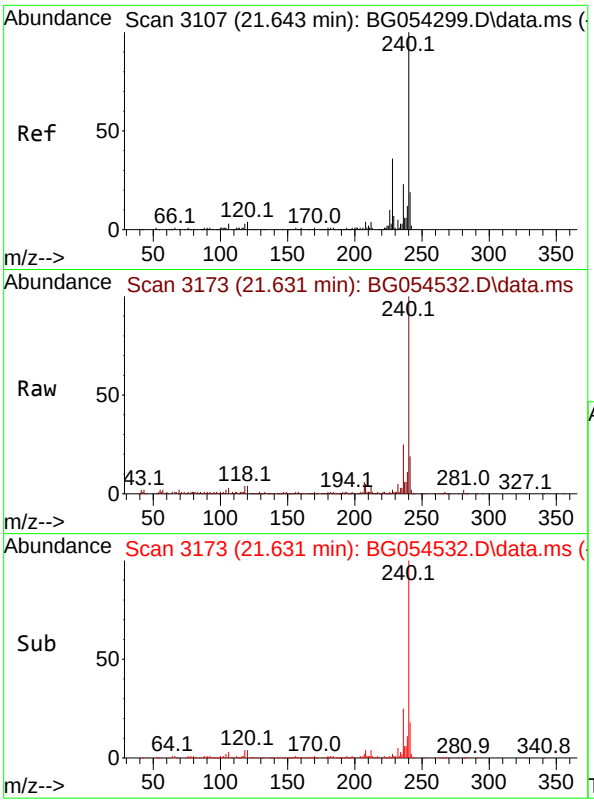


#67
4-Bromophenyl-phenylether
Concen: 4.364 ng
RT: 16.114 min Scan# 2234
Delta R.T. -0.441 min
Lab File: BG054532.D
Acq: 5 Aug 2022 12:40

Tgt Ion:248 Resp: 7935

Ion	Ratio	Lower	Upper
248	100		
250	178.5	75.2	112.8#
141	311.0	50.0	75.0#



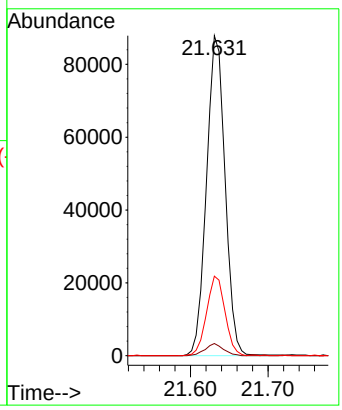


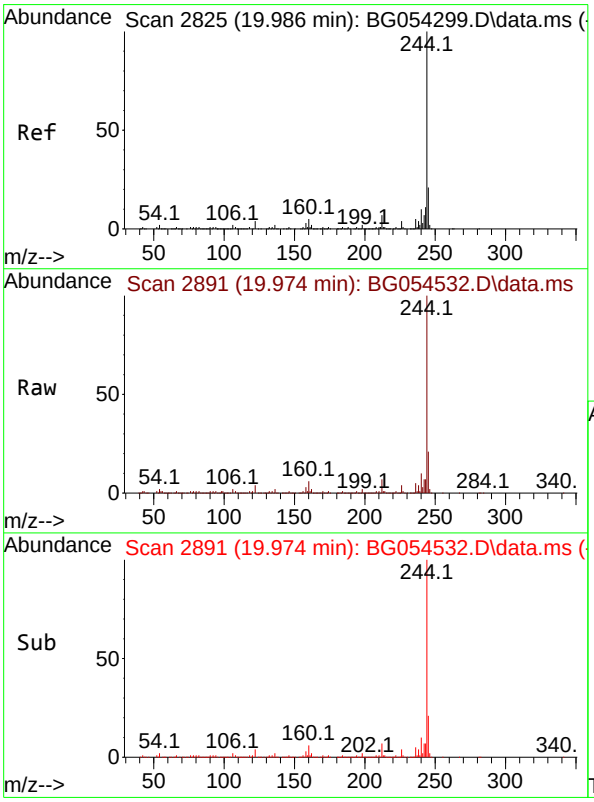
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG054532.D
Acq: 5 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-122

Tgt Ion:240 Resp: 146221

Ion	Ratio	Lower	Upper
240	100		
120	3.8	4.6	7.0#
236	24.9	20.2	30.4

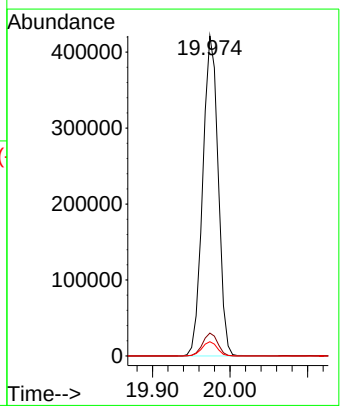


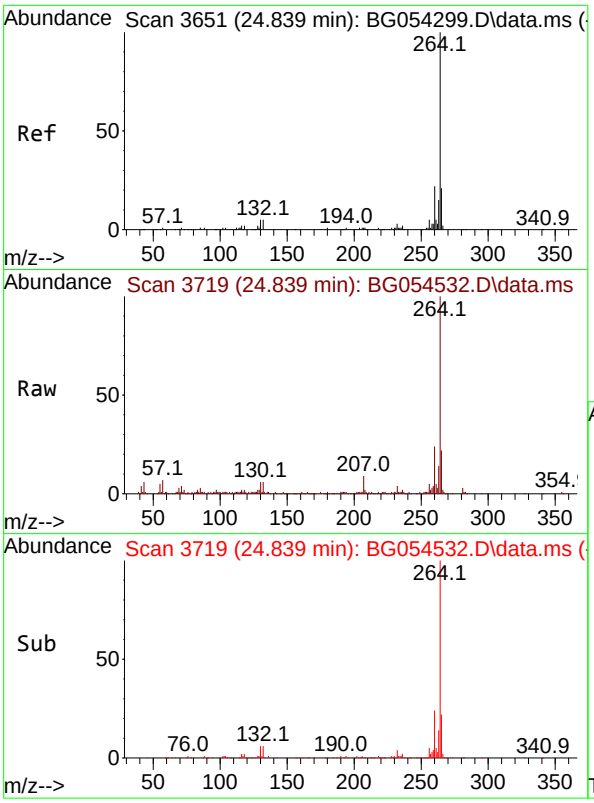


#79
Terphenyl-d14
Concen: 78.955 ng
RT: 19.974 min Scan# 2891
Delta R.T. -0.006 min
Lab File: BG054532.D
Acq: 5 Aug 2022 12:40

Tgt Ion:244 Resp: 581955

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	4.5	5.0	7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.839 min Scan# 3
Delta R.T. 0.005 min
Lab File: BG054532.D
Acq: 5 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-122

Tgt Ion:264 Resp: 151731

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	22.3	17.4	26.2