Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
Data File : BG053514.D
Acq On : 10 May 2022 18:56
Operator : CG/JU
Sample : N2731-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-303-20220505

Quant Time: May 11 06:03:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	22417	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	88011	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	66106	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	168161	20.000	ng	0.00
76) Chrysene-d12	21.736	240	219641	20.000	ng	0.00
86) Perylene-d12	25.008	264	220778	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	88249	66.811	ng	0.00
7) Phenol-d6	7.250	99	80202	40.008	ng	0.00
23) Nitrobenzene-d5	9.247	82	206883	100.063	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	146023	149.769	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	468351	103.529	ng	0.00
79) Terphenyl-d14	20.062	244	1085162	92.017	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.247	70	28945	20.124	ng	# 82
51) 2,6-Dinitrotoluene	14.710	165	8543	8.347	ng	# 18
57) 2,4-Dinitrotoluene	14.710	165	8543	5.759	ng	# 23
67) 4-Bromophenyl-phenylether	16.196	248	9357	4.764	ng	# 1
77) Benzidine	20.056	184	18357	3.878	ng	# 91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
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Sample : N2731-03
Misc :
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Instrument :
BNA_G
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SP-303-20220505

Quant Time: May 11 06:03:46 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
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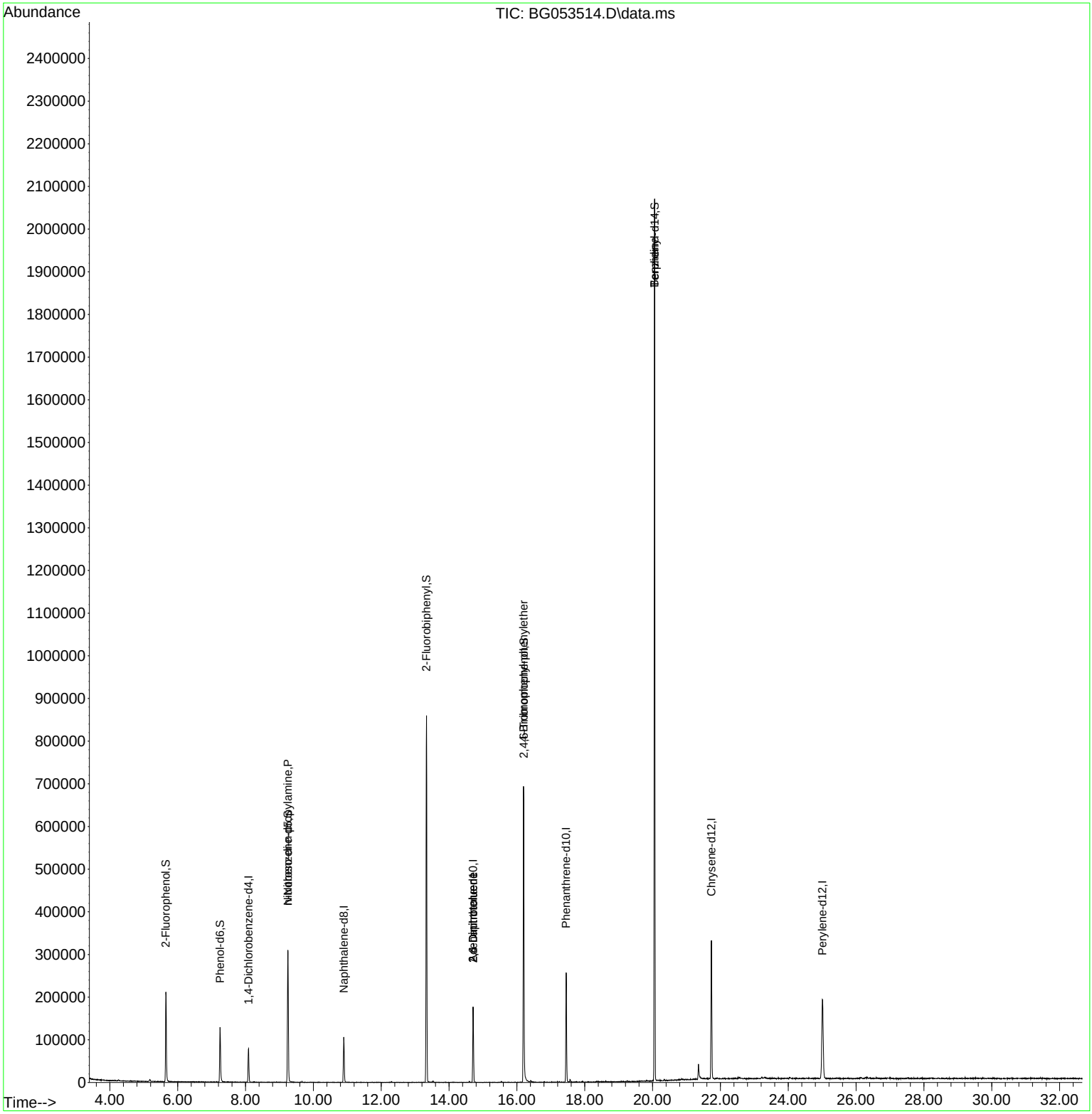
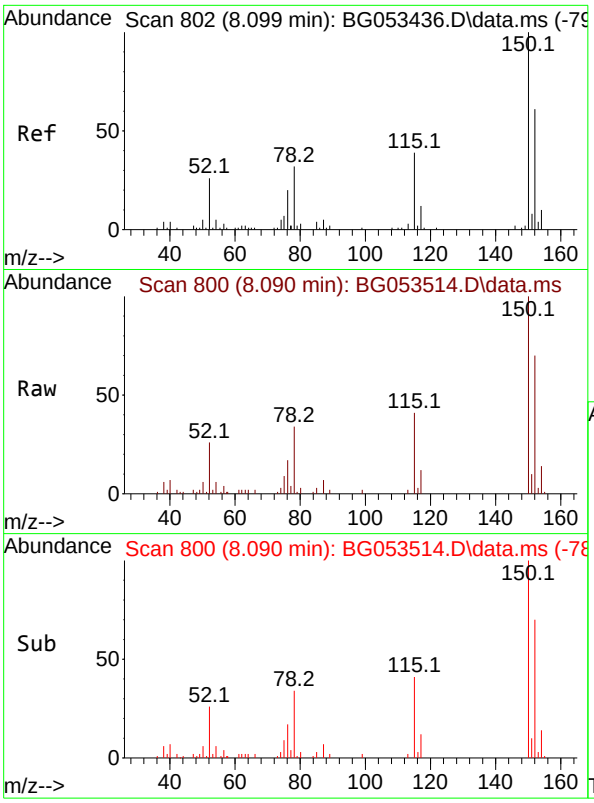


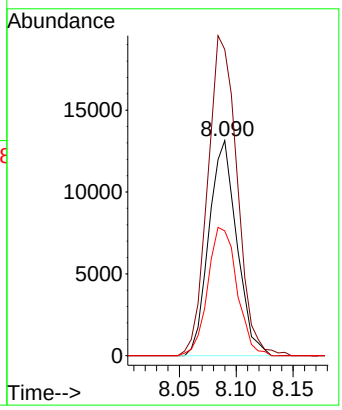


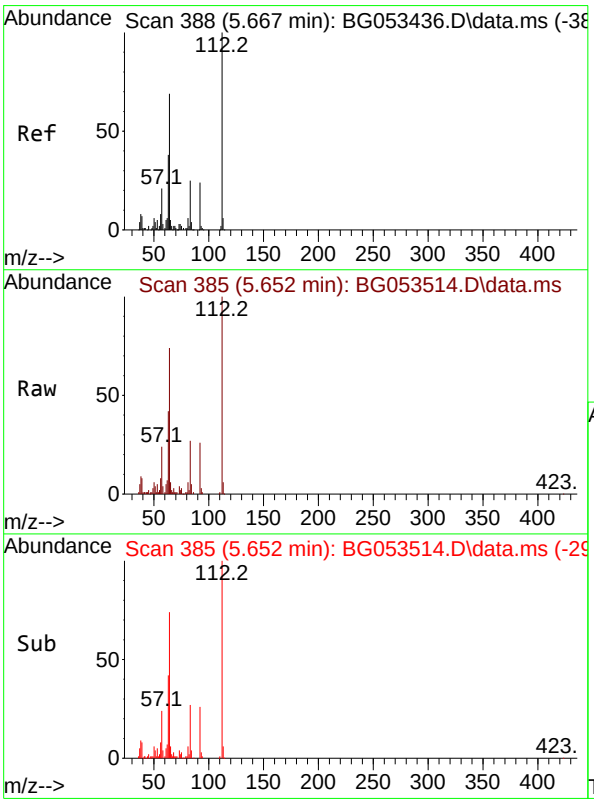
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 8(
Delta R.T. 0.001 min
Lab File: BG053514.D
Acq: 10 May 2022 18:56

Instrument :
BNA_G
ClientSampleId :
SP-303-20220505

Tgt Ion:152 Resp: 22417

Ion	Ratio	Lower	Upper
152	100		
150	142.4	131.6	197.4
115	58.0	50.9	76.3

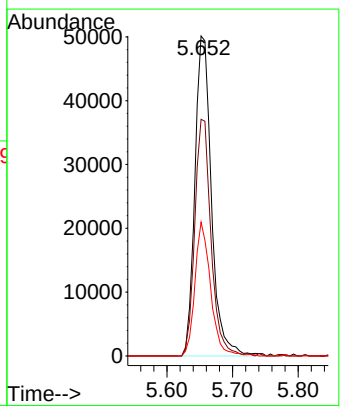


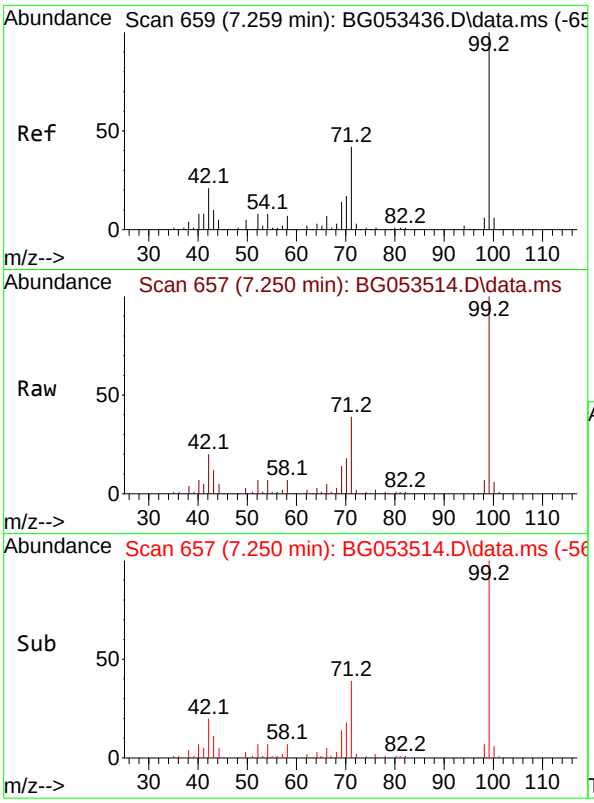


#5
2-Fluorophenol
Concen: 66.811 ng
RT: 5.652 min Scan# 385
Delta R.T. 0.000 min
Lab File: BG053514.D
Acq: 10 May 2022 18:56

Tgt Ion:112 Resp: 88249

Ion	Ratio	Lower	Upper
112	100		
64	74.0	55.1	82.7
63	41.8	30.4	45.6



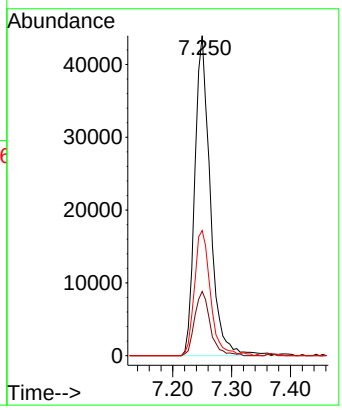


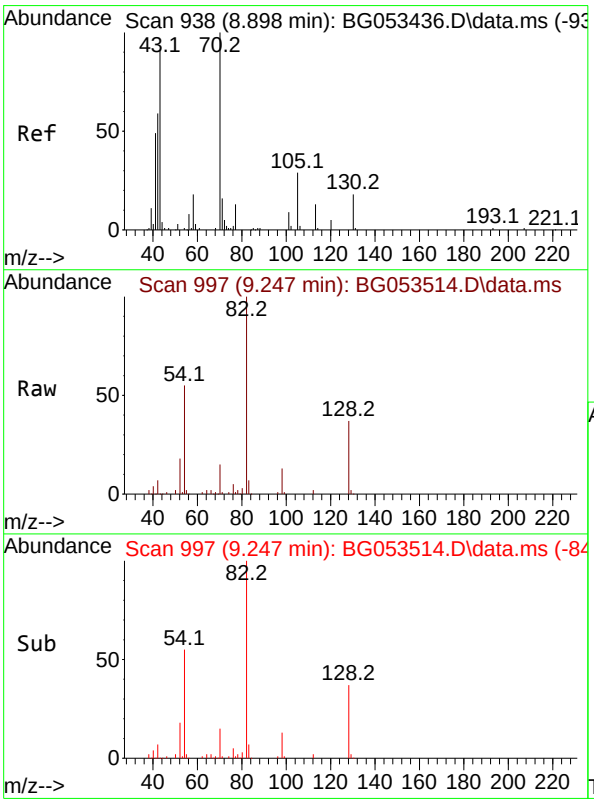
#7
Phenol-d6
Concen: 40.008 ng
RT: 7.250 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG053514.D
Acq: 10 May 2022 18:56

Instrument :
BNA_G
ClientSampleId :
SP-303-20220505

Tgt Ion: 99 Resp: 80202

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.0	25.6
71	39.1	33.8	50.8

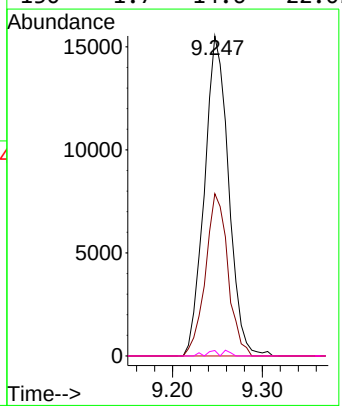


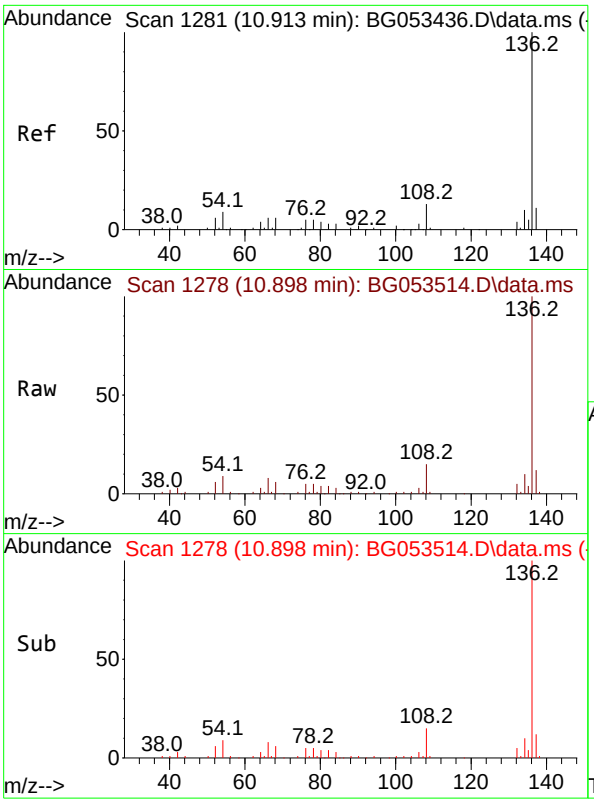


#19
n-Nitroso-di-n-propylamine
Concen: 20.124 ng
RT: 9.247 min Scan# 997
Delta R.T. 0.359 min
Lab File: BG053514.D
Acq: 10 May 2022 18:56

Tgt Ion: 70 Resp: 28945

Ion	Ratio	Lower	Upper
70	100		
42	50.7	47.3	70.9
101	0.0	7.0	10.4#
130	1.7	14.6	22.0#



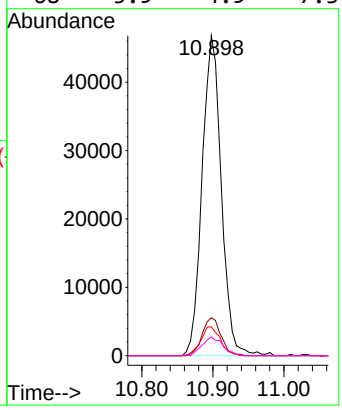


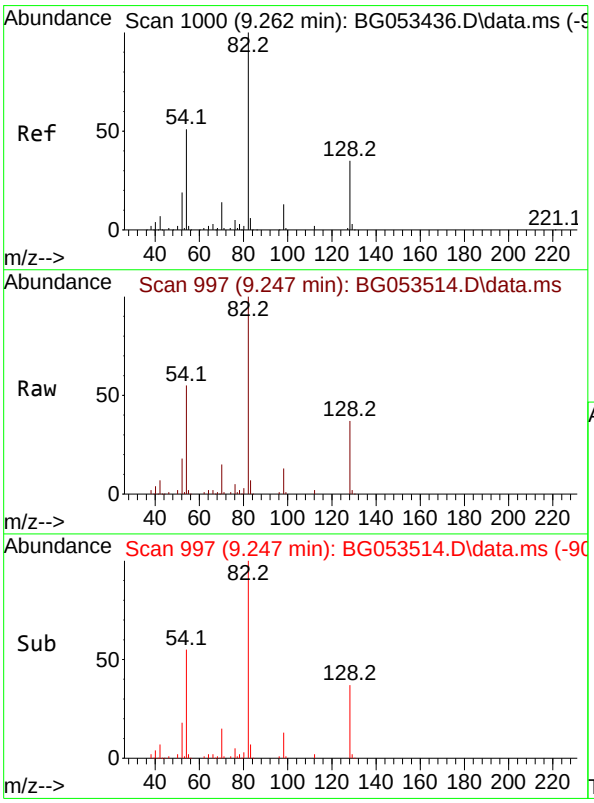
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053514.D
Acq: 10 May 2022 18:56

Instrument :
BNA_G
ClientSampleId :
SP-303-20220505

Tgt Ion:136 Resp: 88011

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.5	12.7
54	9.1	7.4	11.2
68	5.9	4.9	7.3

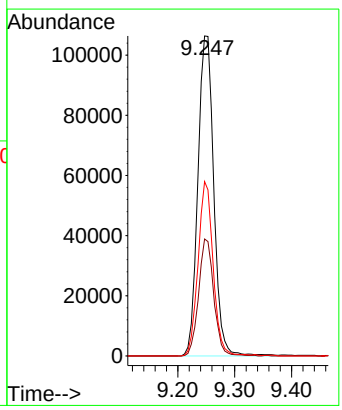


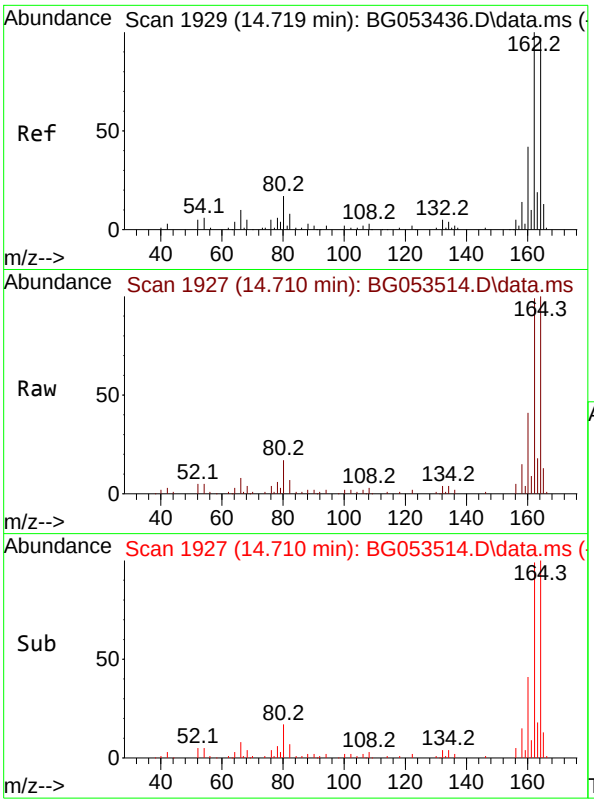


#23
Nitrobenzene-d5
Concen: 100.063 ng
RT: 9.247 min Scan# 997
Delta R.T. -0.005 min
Lab File: BG053514.D
Acq: 10 May 2022 18:56

Tgt Ion: 82 Resp: 206883

Ion	Ratio	Lower	Upper
82	100		
128	36.6	27.9	41.9
54	54.5	41.2	61.8



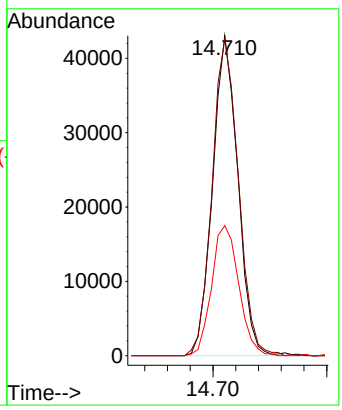


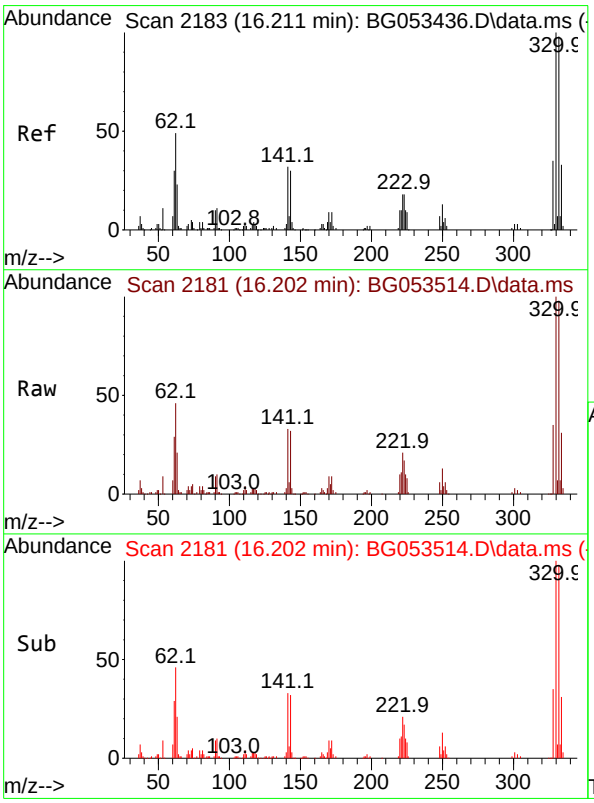
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053514.D
Acq: 10 May 2022 18:56

Instrument :
BNA_G
ClientSampleId :
SP-303-20220505

Tgt Ion:164 Resp: 66106

Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.3	123.5
160	40.7	34.2	51.2

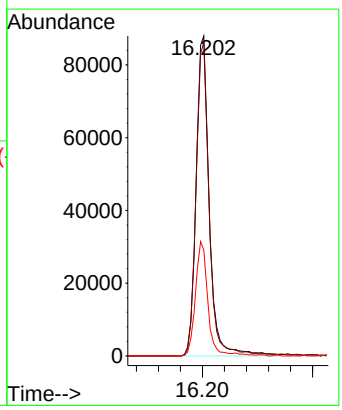


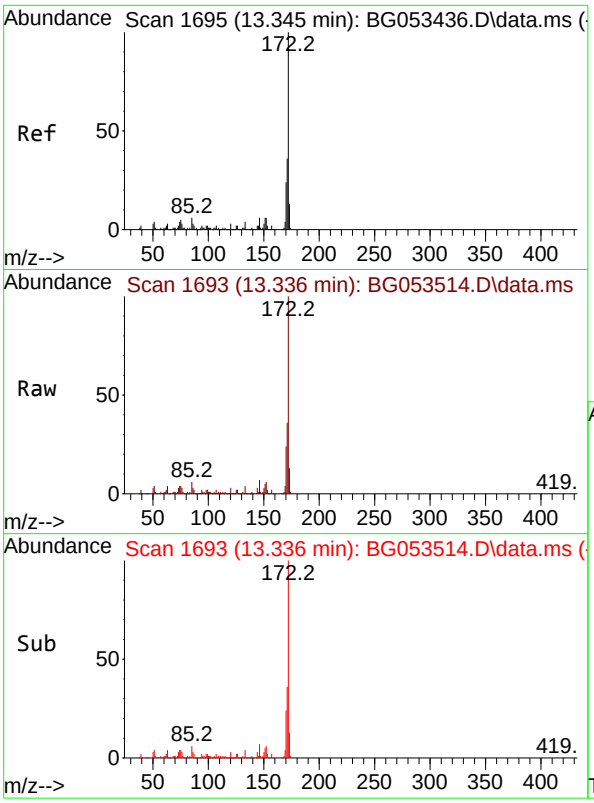


#42
2,4,6-Tribromophenol
Concen: 149.769 ng
RT: 16.202 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BG053514.D
Acq: 10 May 2022 18:56

Tgt Ion:330 Resp: 146023

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.0	114.0
141	33.9	27.1	40.7



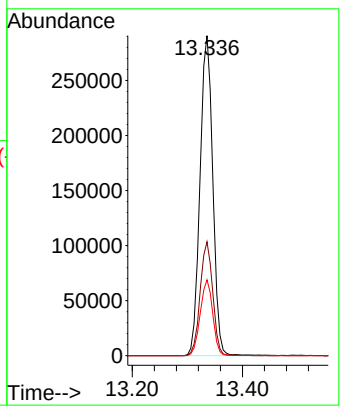


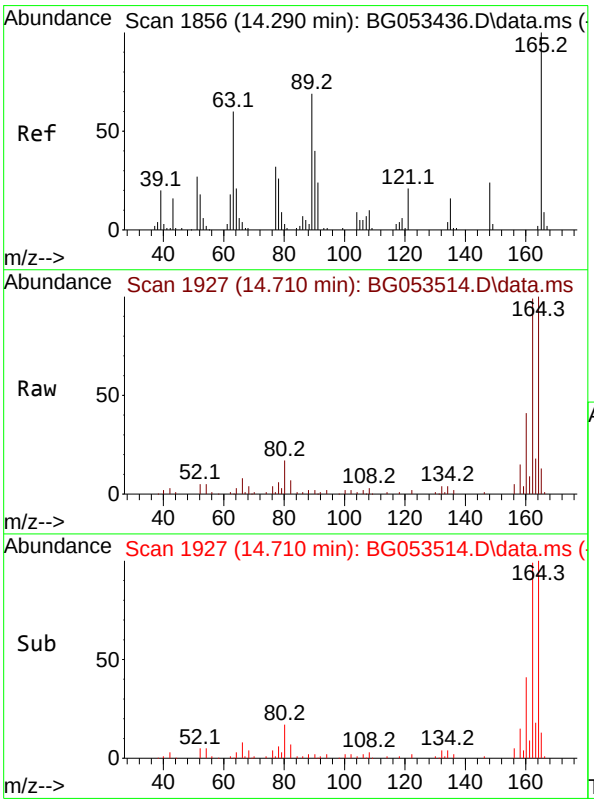
#45
2-Fluorobiphenyl
Concen: 103.529 ng
RT: 13.336 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053514.D
Acq: 10 May 2022 18:56

Instrument :
BNA_G
ClientSampleId :
SP-303-20220505

Tgt Ion:172 Resp: 468351

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.7	18.9	28.3

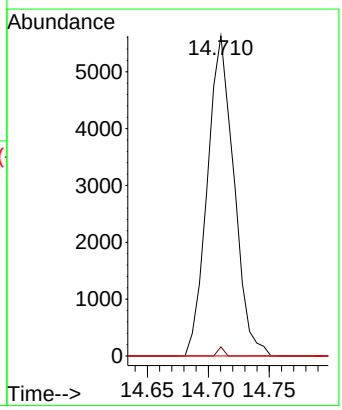


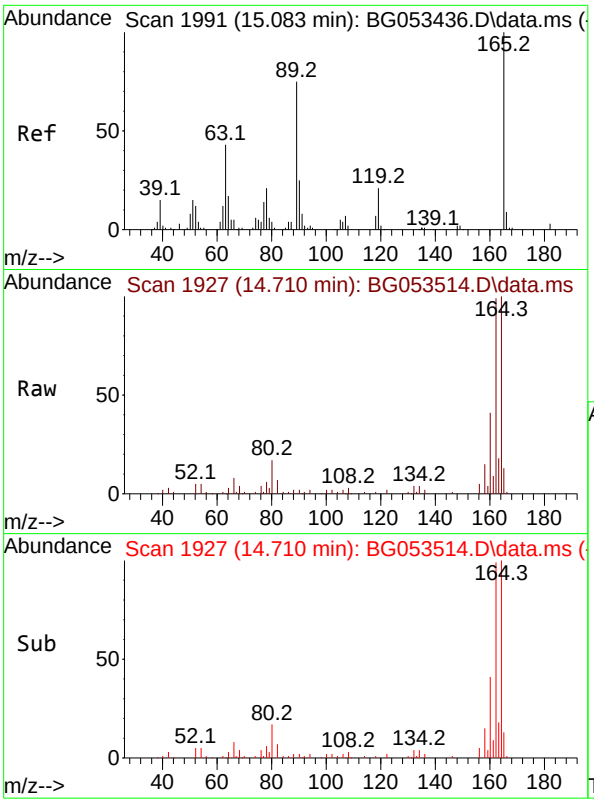


#51
2,6-Dinitrotoluene
Concen: 8.347 ng
RT: 14.710 min Scan# 1927
Delta R.T. 0.429 min
Lab File: BG053514.D
Acq: 10 May 2022 18:56

Tgt Ion:165 Resp: 8543

Ion	Ratio	Lower	Upper
165	100		
63	2.8	54.1	81.1#
89	0.0	54.8	82.2#



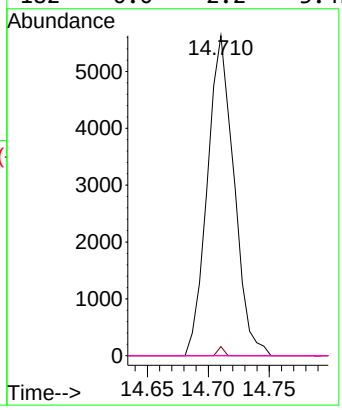


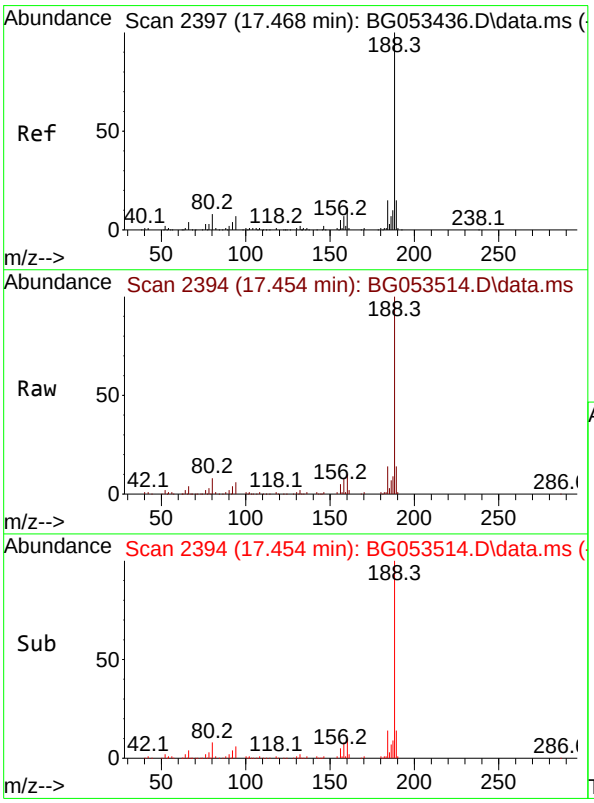
#57
2,4-Dinitrotoluene
Concen: 5.759 ng
RT: 14.710 min Scan# 1
Delta R.T. -0.364 min
Lab File: BG053514.D
Acq: 10 May 2022 18:56

Instrument :
BNA_G
ClientSampleId :
SP-303-20220505

Tgt Ion:165 Resp: 8543

Ion	Ratio	Lower	Upper
165	100		
63	2.8	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#

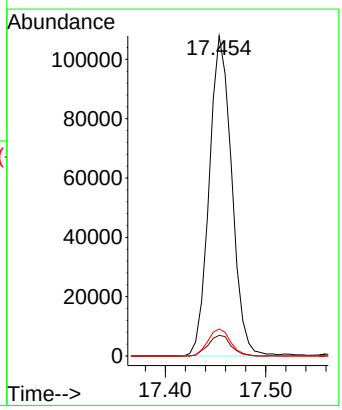


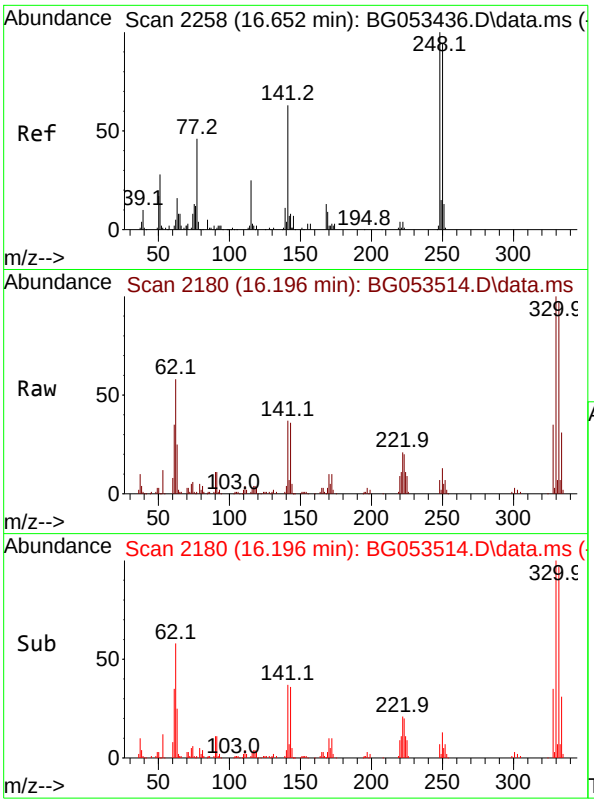


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 2394
Delta R.T. -0.005 min
Lab File: BG053514.D
Acq: 10 May 2022 18:56

Tgt Ion:188 Resp: 168161

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.4	8.0
80	8.5	6.8	10.2



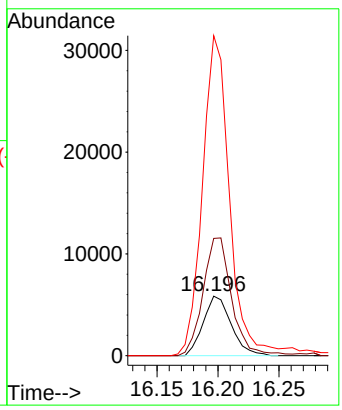


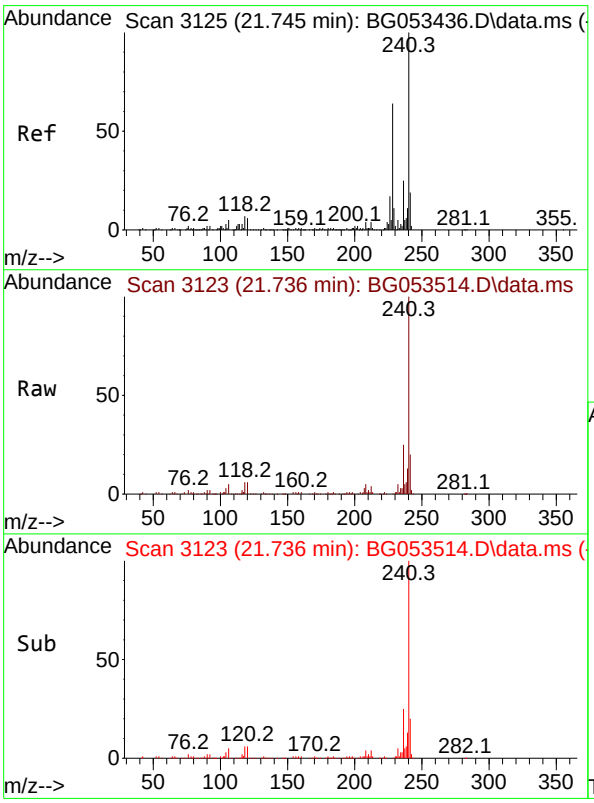
#67
4-Bromophenyl-phenylether
Concen: 4.764 ng
RT: 16.196 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG053514.D
Acq: 10 May 2022 18:56

Instrument :
BNA_G
ClientSampleId :
SP-303-20220505

Tgt Ion:248 Resp: 9357

Ion	Ratio	Lower	Upper
248	100		
250	196.9	75.2	112.8#
141	537.1	50.0	75.0#

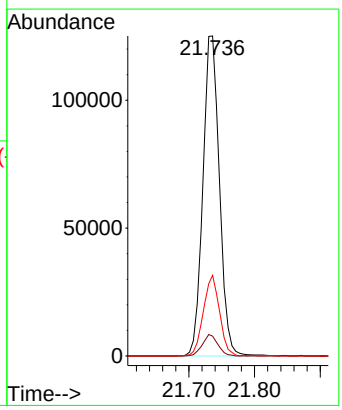


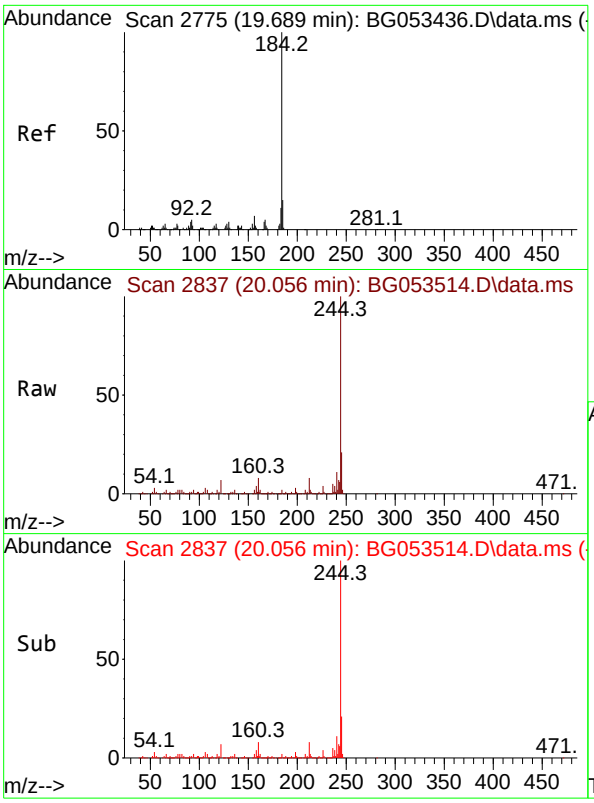


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.736 min Scan# 3123
Delta R.T. -0.005 min
Lab File: BG053514.D
Acq: 10 May 2022 18:56

Tgt Ion:240 Resp: 219641

Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.6	7.0
236	25.2	20.2	30.4



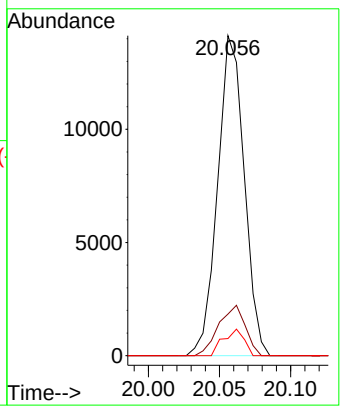


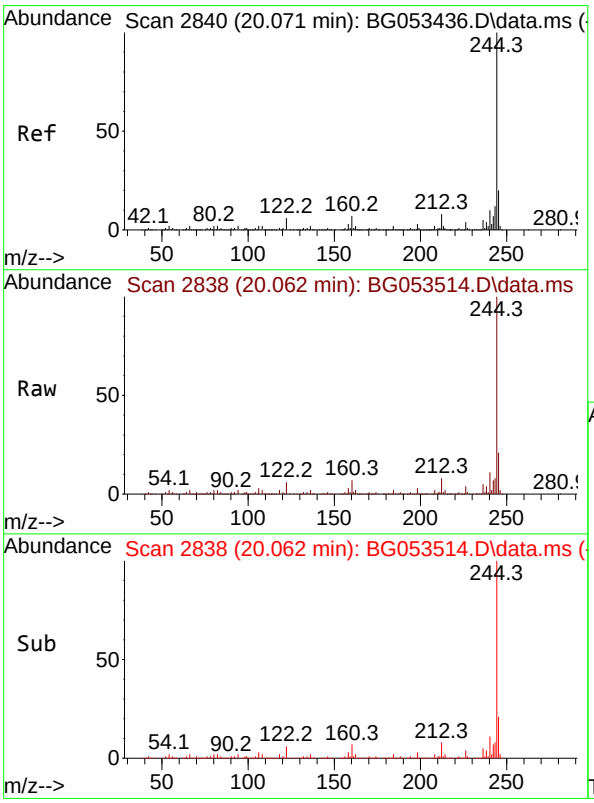
#77
Benzidine
Concen: 3.878 ng
RT: 20.056 min Scan# 2
Delta R.T. 0.376 min
Lab File: BG053514.D
Acq: 10 May 2022 18:56

Instrument :
BNA_G
ClientSampleId :
SP-303-20220505

Tgt Ion:184 Resp: 18357

Ion	Ratio	Lower	Upper
184	100		
185	13.0	11.8	17.6
183	5.3	8.9	13.3#

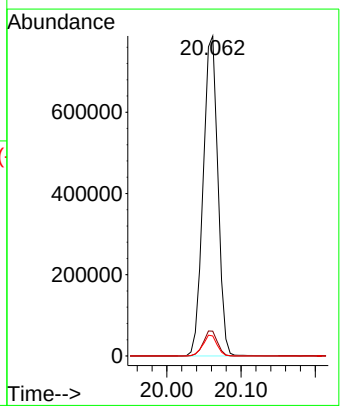


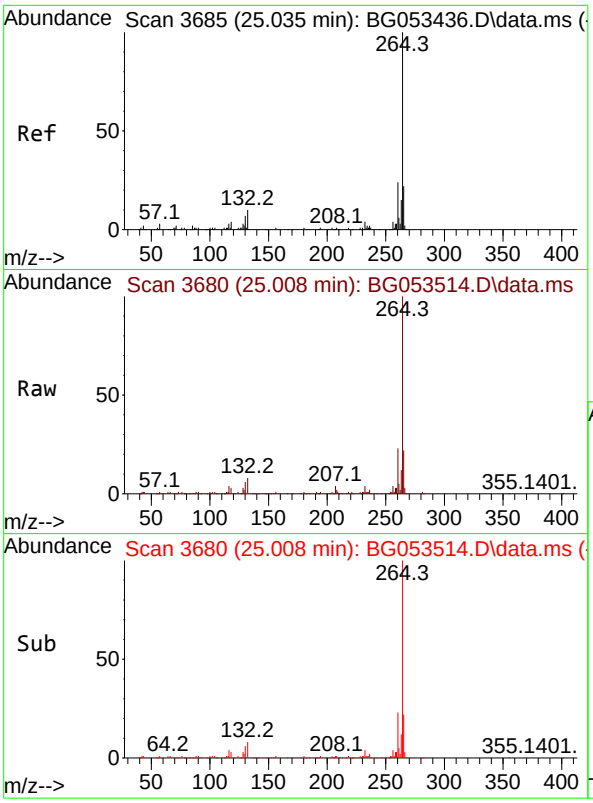


#79
Terphenyl-d14
Concen: 92.017 ng
RT: 20.062 min Scan# 2838
Delta R.T. 0.000 min
Lab File: BG053514.D
Acq: 10 May 2022 18:56

Tgt Ion:244 Resp: 1085162

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	6.2	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.008 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG053514.D
Acq: 10 May 2022 18:56

Instrument :
BNA_G
ClientSampleId :
SP-303-20220505

Tgt Ion:264 Resp: 220778

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.6	17.4	26.2