Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050422\
Data File : BG053429.D
Acq On : 4 May 2022 13:50
Operator : CG/JU
Sample : N2622-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-303-20220428

Quant Time: May 04 18:09:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 18:06:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	22185	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	83569	20.000	ng	# 0.00
39) Acenaphthene-d10	14.726	164	61465	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	158013	20.000	ng	0.00
76) Chrysene-d12	21.752	240	197207	20.000	ng	0.00
86) Perylene-d12	25.047	264	206646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	81586	63.040	ng	0.00
7) Phenol-d6	7.260	99	66502	33.321	ng	0.00
23) Nitrobenzene-d5	9.263	82	197518	95.968	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	142896	146.128	ng	0.00
45) 2-Fluorobiphenyl	13.345	172	427873	95.989	ng	0.00
79) Terphenyl-d14	20.072	244	885488	75.834	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.263	70	28337	19.394	ng	# 76
51) 2,6-Dinitrotoluene	14.720	165	7500	7.313	ng	# 24
57) 2,4-Dinitrotoluene	14.720	165	7500	5.136	ng	# 22
67) 4-Bromophenyl-phenylether	16.218	248	8892	4.392	ng	# 1
77) Benzidine	20.072	184	15576	2.768	ng	# 93

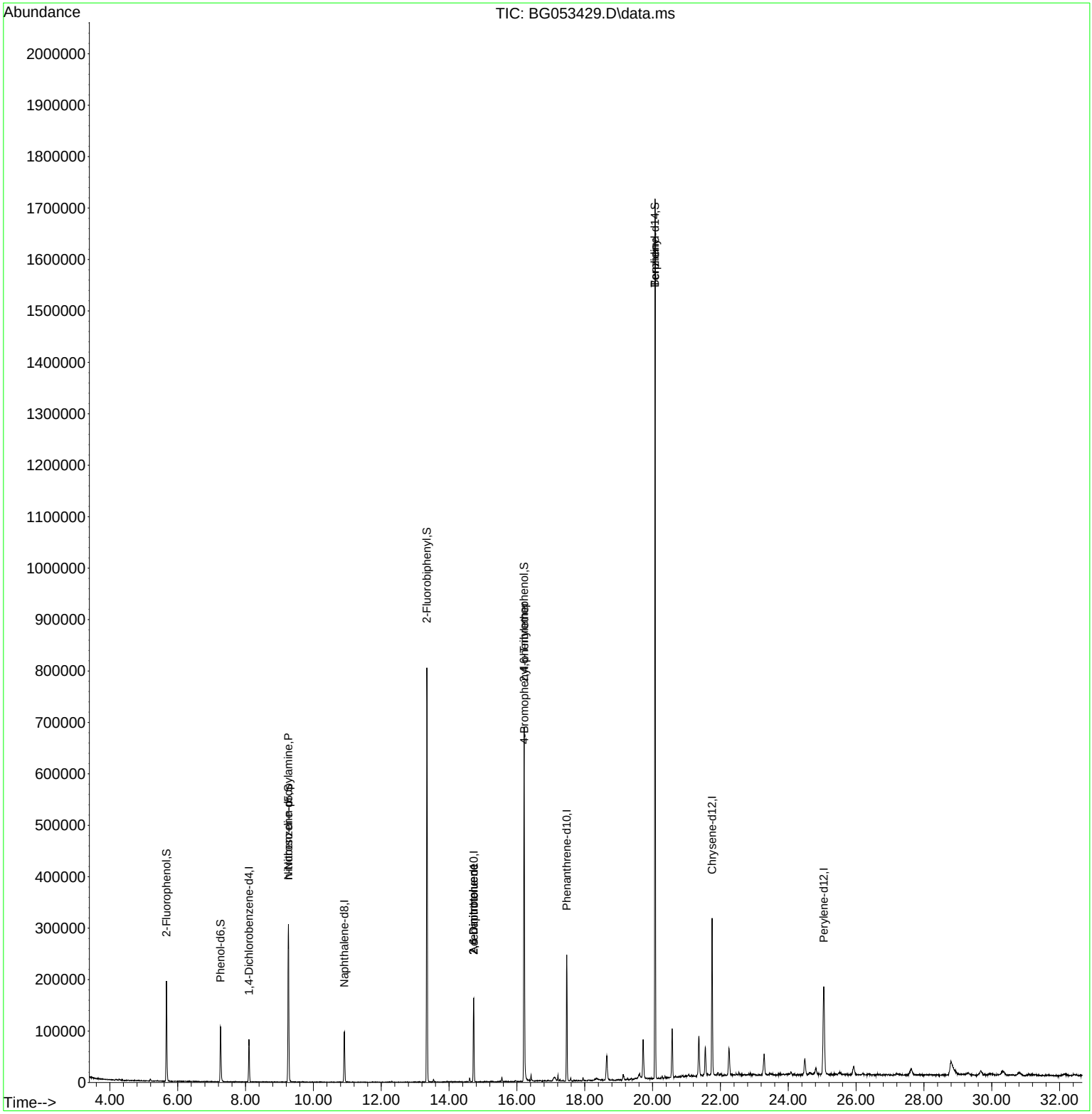
(#) = qualifier out of range (m) = manual integration (+) = signals summed

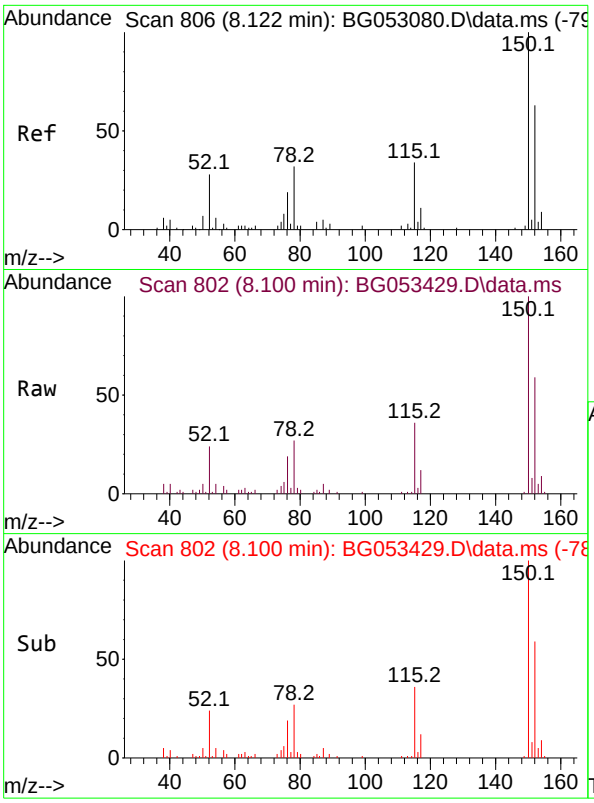
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050422\
Data File : BG053429.D
Acq On : 4 May 2022 13:50
Operator : CG/JU
Sample : N2622-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-303-20220428

Quant Time: May 04 18:09:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 18:06:54 2022
Response via : Initial Calibration



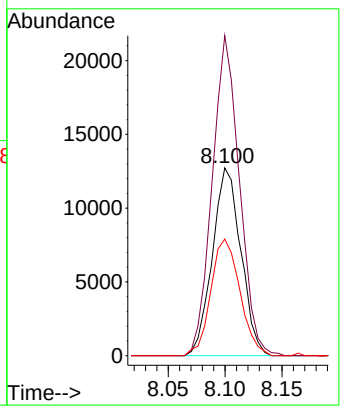


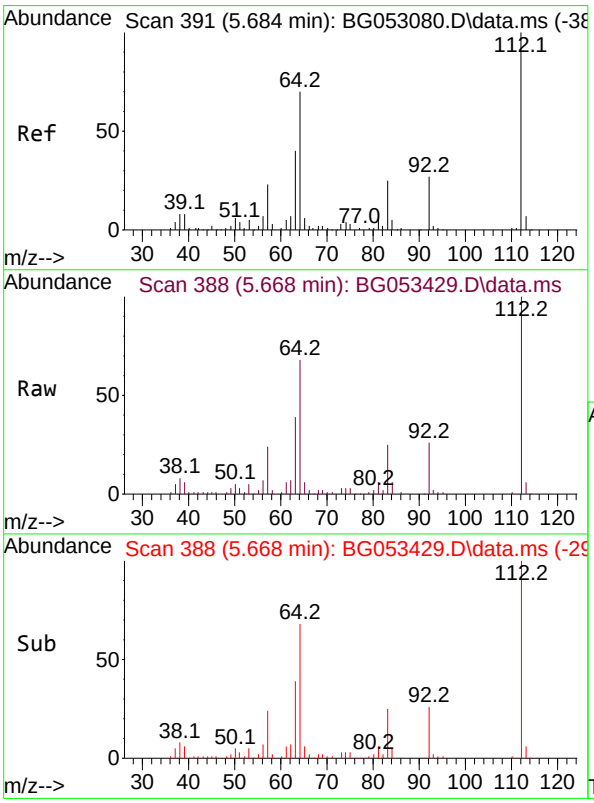
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.100 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG053429.D
Acq: 4 May 2022 13:50

Instrument :
BNA_G
ClientSampleId :
SP-303-20220428

Tgt Ion:152 Resp: 22185

Ion	Ratio	Lower	Upper
152	100		
150	170.3	114.6	172.0
115	62.1	45.9	68.9

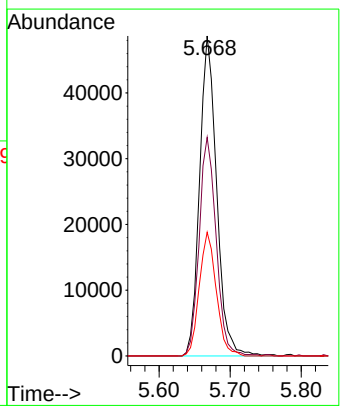


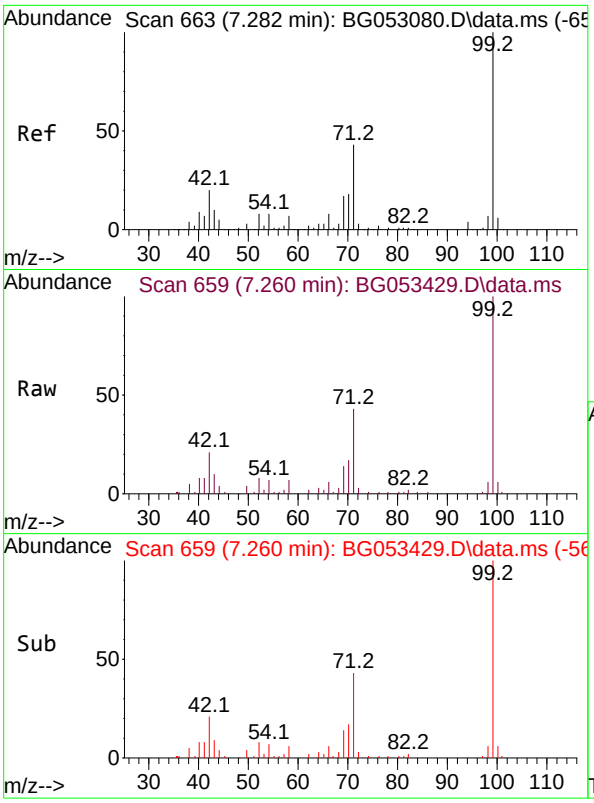


#5
2-Fluorophenol
Concen: 63.040 ng
RT: 5.668 min Scan# 388
Delta R.T. -0.003 min
Lab File: BG053429.D
Acq: 4 May 2022 13:50

Tgt Ion:112 Resp: 81586

Ion	Ratio	Lower	Upper
112	100		
64	68.3	48.0	72.0
63	38.7	26.5	39.7



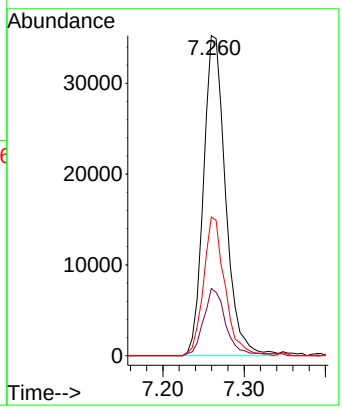


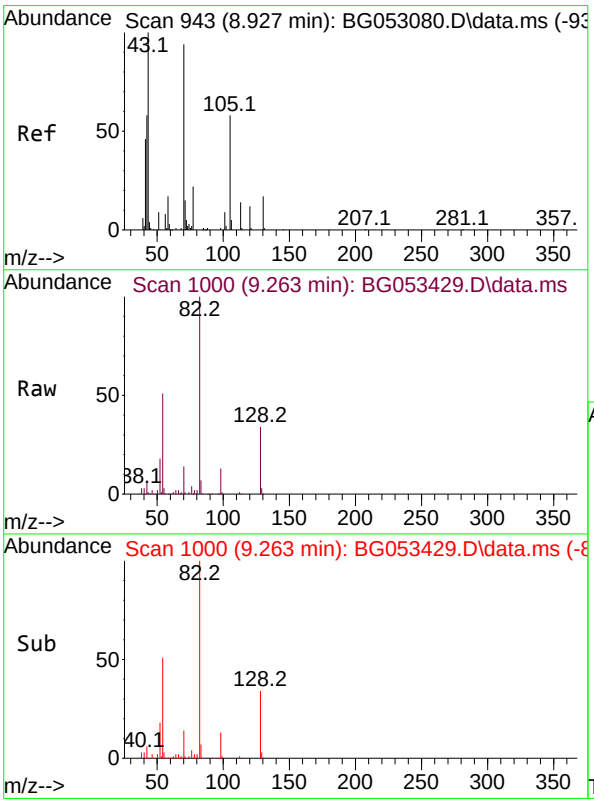
#7
Phenol-d6
Concen: 33.321 ng
RT: 7.260 min Scan# 6
Delta R.T. -0.003 min
Lab File: BG053429.D
Acq: 4 May 2022 13:50

Instrument :
BNA_G
ClientSampleId :
SP-303-20220428

Tgt Ion: 99 Resp: 66502

Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.7	22.1
71	43.4	29.2	43.8

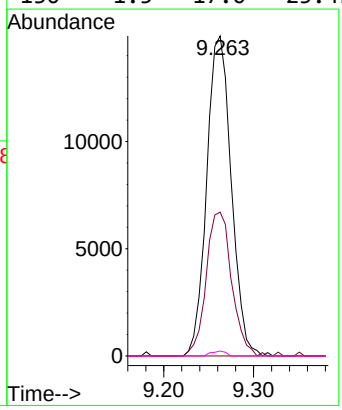


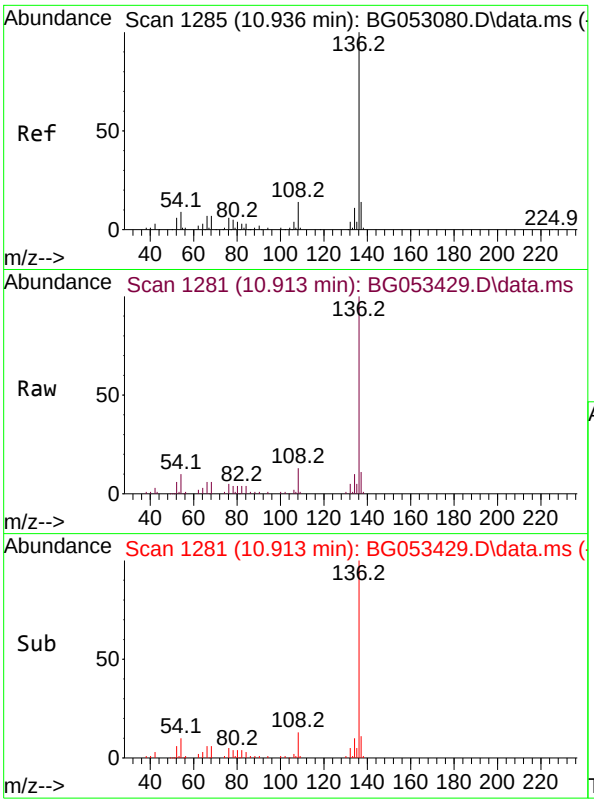


#19
n-Nitroso-di-n-propylamine
Concen: 19.394 ng
RT: 9.263 min Scan# 1000
Delta R.T. 0.361 min
Lab File: BG053429.D
Acq: 4 May 2022 13:50

Tgt Ion: 70 Resp: 28337

Ion	Ratio	Lower	Upper
70	100		
42	45.0	46.0	69.0#
101	0.0	6.2	9.4#
130	1.5	17.0	25.4#



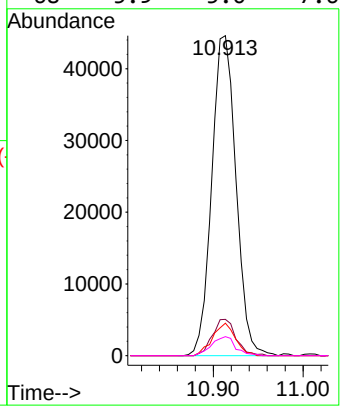


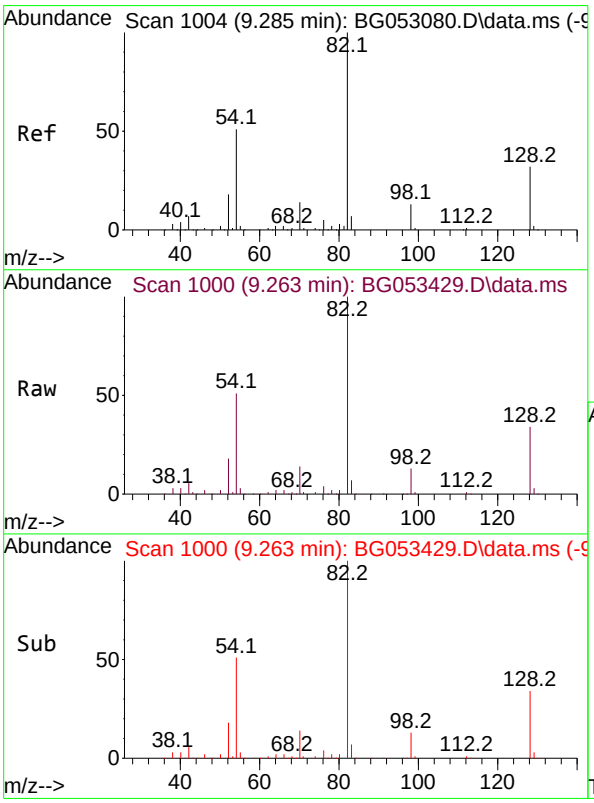
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG053429.D
Acq: 4 May 2022 13:50

Instrument :
BNA_G
ClientSampleId :
SP-303-20220428

Tgt Ion:136 Resp: 83569

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.2
54	10.1	6.4	9.6#
68	5.9	5.0	7.6

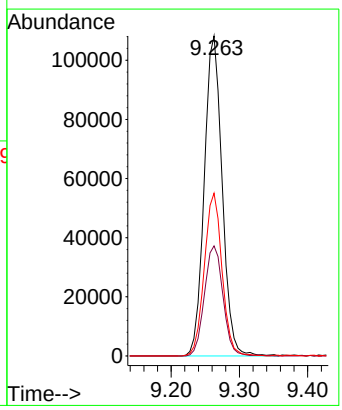


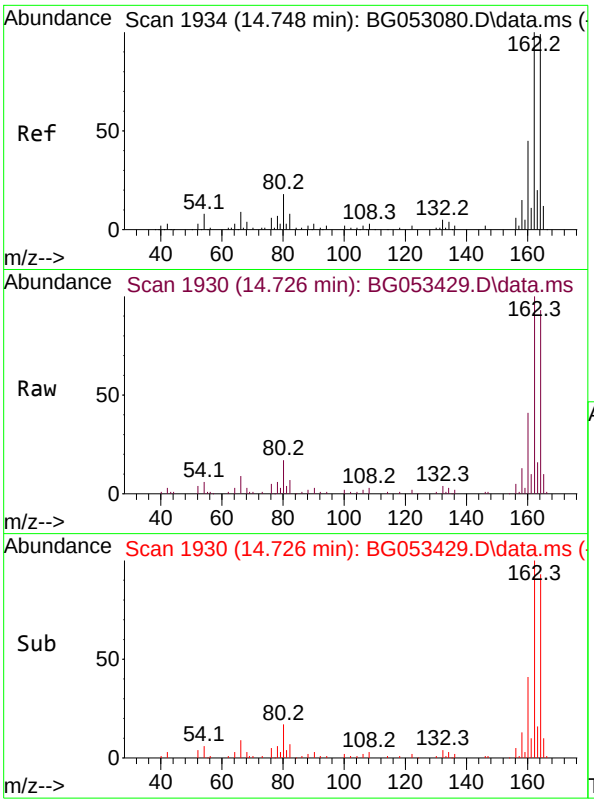


#23
Nitrobenzene-d5
Concen: 95.968 ng
RT: 9.263 min Scan# 1000
Delta R.T. -0.003 min
Lab File: BG053429.D
Acq: 4 May 2022 13:50

Tgt Ion: 82 Resp: 197518

Ion	Ratio	Lower	Upper
82	100		
128	34.4	31.3	46.9
54	50.8	37.8	56.8



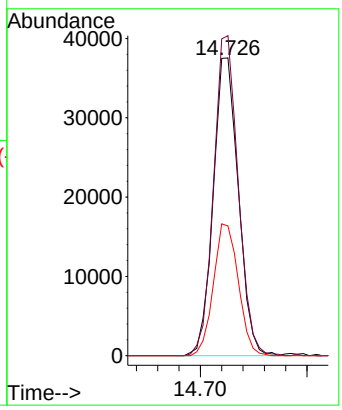


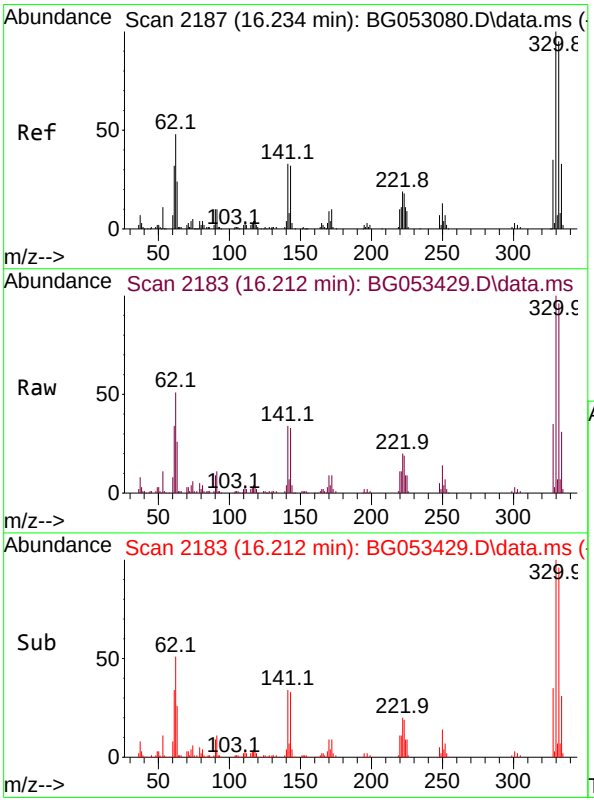
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.726 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG053429.D
Acq: 4 May 2022 13:50

Instrument :
BNA_G
ClientSampleId :
SP-303-20220428

Tgt Ion:164 Resp: 61465

Ion	Ratio	Lower	Upper
164	100		
162	107.5	80.0	120.0
160	43.6	38.8	58.2

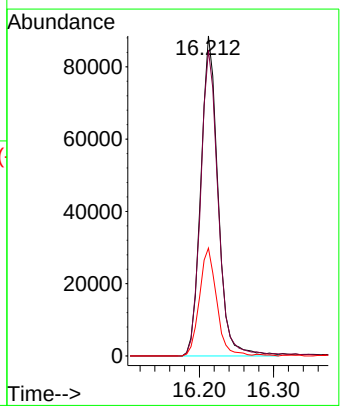


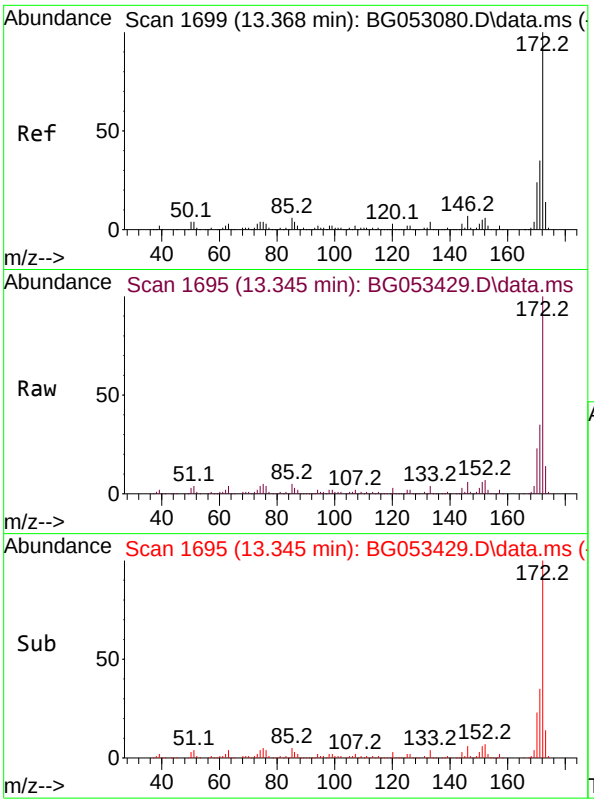


#42
2,4,6-Tribromophenol
Concen: 146.128 ng
RT: 16.212 min Scan# 2183
Delta R.T. -0.003 min
Lab File: BG053429.D
Acq: 4 May 2022 13:50

Tgt Ion:330 Resp: 142896

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.8	113.6
141	33.6	24.6	36.8



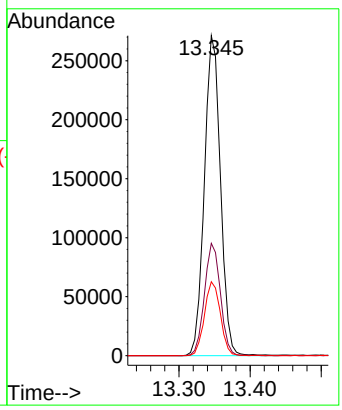


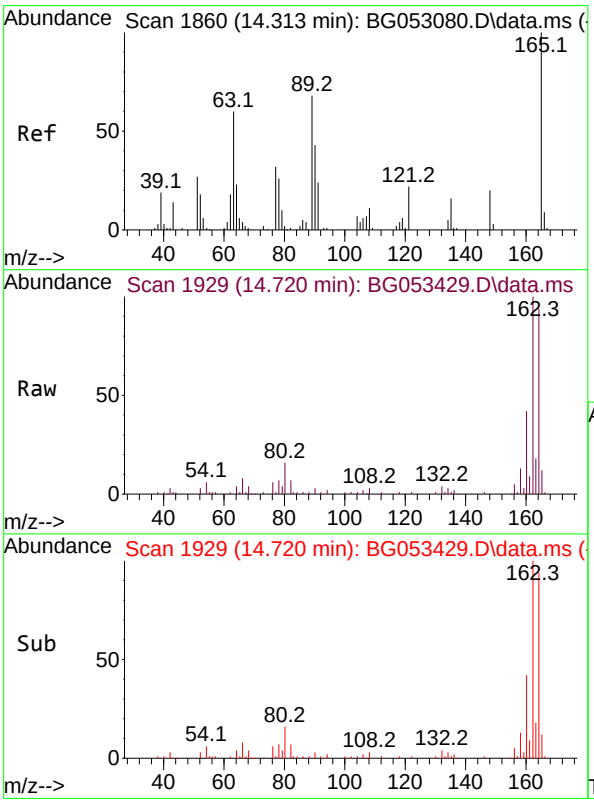
#45
2-Fluorobiphenyl
Concen: 95.989 ng
RT: 13.345 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053429.D
Acq: 4 May 2022 13:50

Instrument :
BNA_G
ClientSampleId :
SP-303-20220428

Tgt Ion:172 Resp: 427873

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.1	18.0	27.0

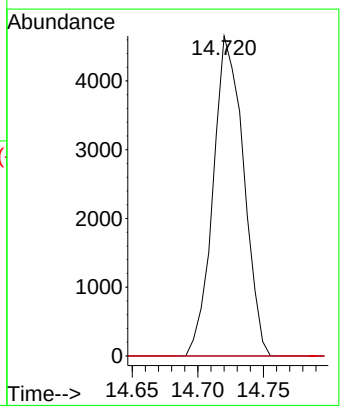


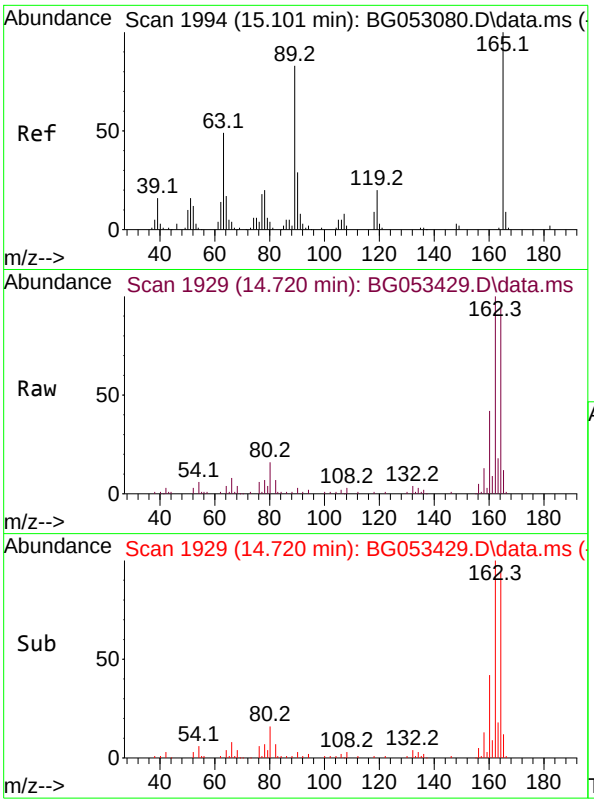


#51
2,6-Dinitrotoluene
Concen: 7.313 ng
RT: 14.720 min Scan# 1929
Delta R.T. 0.426 min
Lab File: BG053429.D
Acq: 4 May 2022 13:50

Tgt Ion:165 Resp: 7500

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.7	65.5#
89	0.0	45.0	67.4#



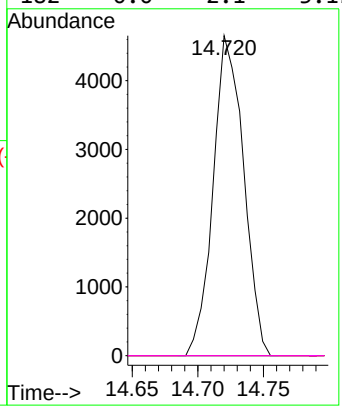


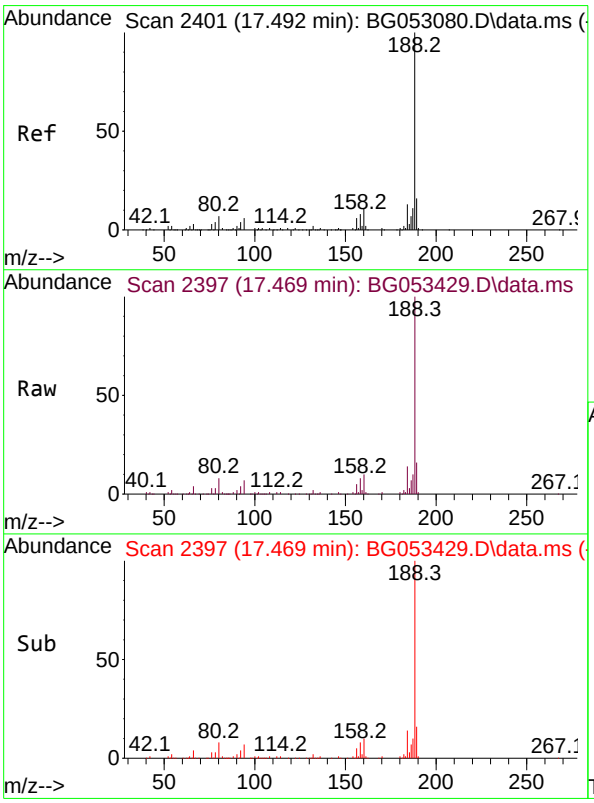
#57
2,4-Dinitrotoluene
Concen: 5.136 ng
RT: 14.720 min Scan# 1
Delta R.T. -0.361 min
Lab File: BG053429.D
Acq: 4 May 2022 13:50

Instrument :
BNA_G
ClientSampleId :
SP-303-20220428

Tgt Ion:165 Resp: 7500

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.8	52.2#
89	0.0	57.4	86.0#
182	0.0	2.1	3.1#

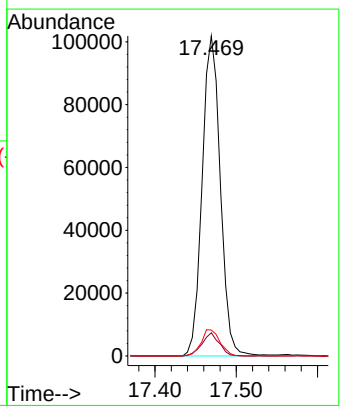


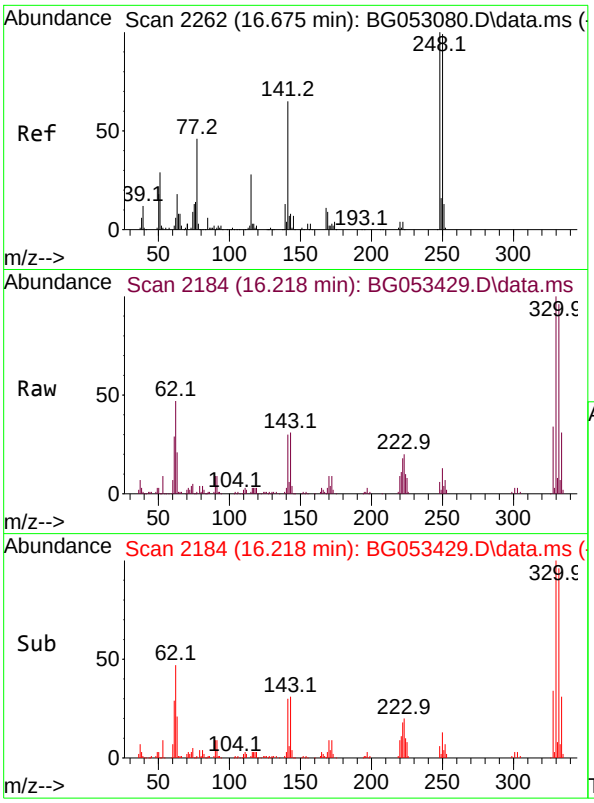


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 2397
Delta R.T. -0.003 min
Lab File: BG053429.D
Acq: 4 May 2022 13:50

Tgt Ion:188 Resp: 158013

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.7	8.5
80	8.1	7.2	10.8



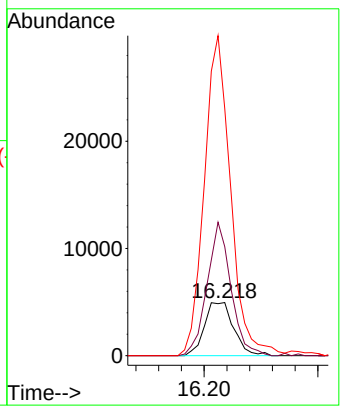


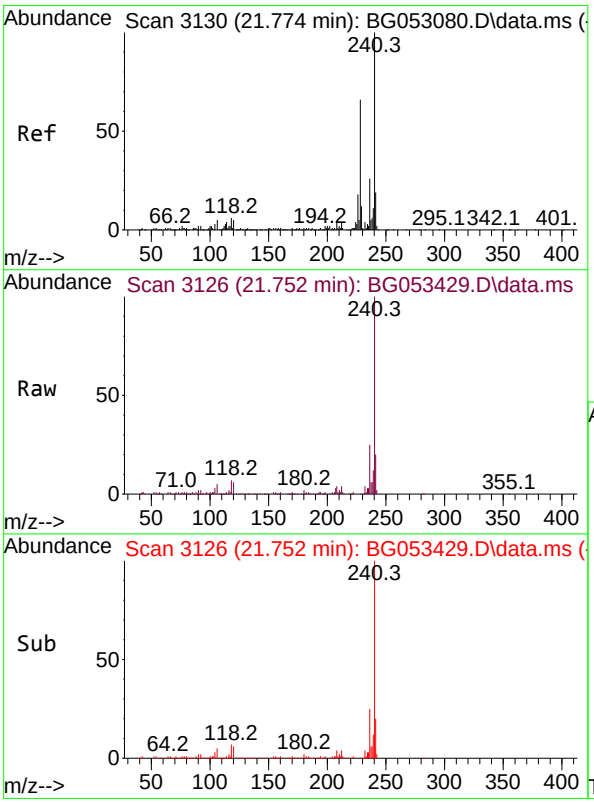
#67
4-Bromophenyl-phenylether
Concen: 4.392 ng
RT: 16.218 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG053429.D
Acq: 4 May 2022 13:50

Instrument :
BNA_G
ClientSampleId :
SP-303-20220428

Tgt Ion:248 Resp: 8892

Ion	Ratio	Lower	Upper
248	100		
250	204.9	77.9	116.9#
141	464.5	49.2	73.8#

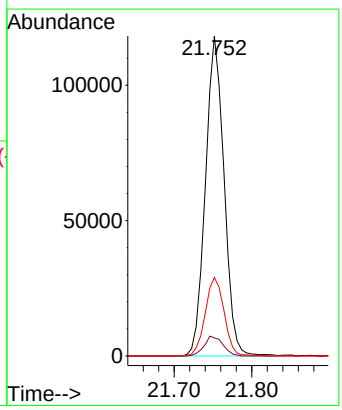


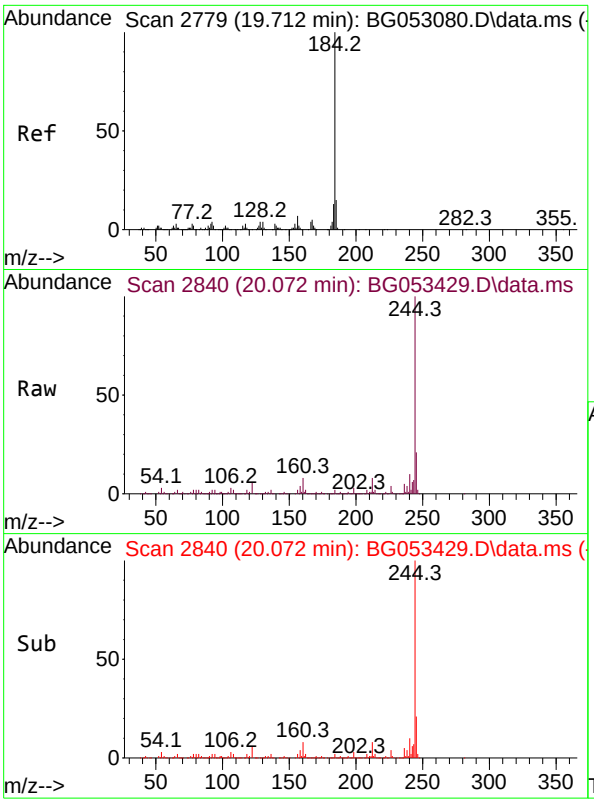


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.752 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG053429.D
Acq: 4 May 2022 13:50

Tgt Ion:240 Resp: 197207

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.4	8.0
236	24.5	19.8	29.6



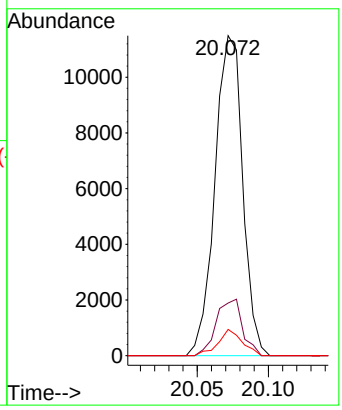


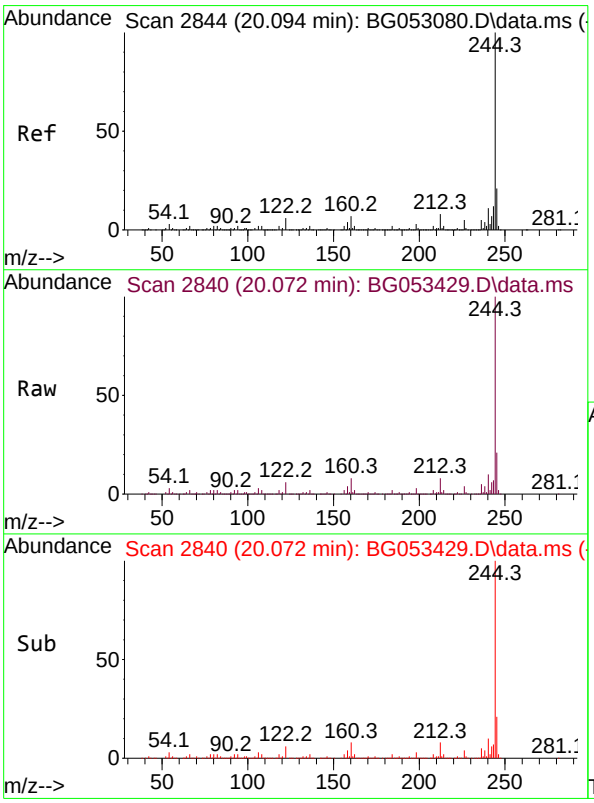
#77
Benzidine
Concen: 2.768 ng
RT: 20.072 min Scan# 2
Delta R.T. 0.379 min
Lab File: BG053429.D
Acq: 4 May 2022 13:50

Instrument :
BNA_G
ClientSampleId :
SP-303-20220428

Tgt Ion:184 Resp: 15576

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.5	17.3
183	8.2	9.4	14.2#

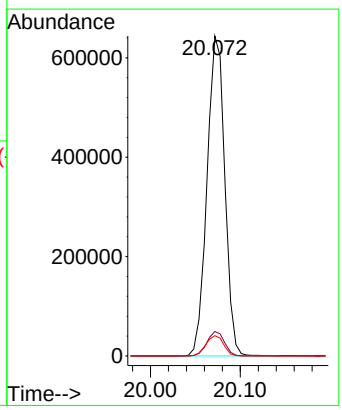


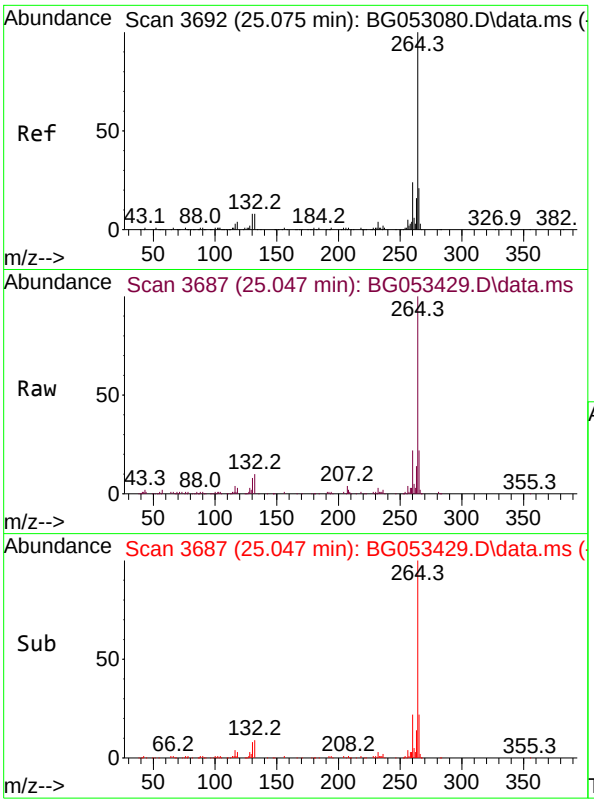


#79
Terphenyl-d14
Concen: 75.834 ng
RT: 20.072 min Scan# 2840
Delta R.T. -0.003 min
Lab File: BG053429.D
Acq: 4 May 2022 13:50

Tgt Ion:244 Resp: 885488

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.2
122	6.3	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.047 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG053429.D
Acq: 4 May 2022 13:50

Instrument :
BNA_G
ClientSampleId :
SP-303-20220428

Tgt Ion:264 Resp: 206646

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.2
265	22.1	15.1	22.7