Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
Data File : BG053384.D
Acq On : 29 Apr 2022 19:37
Operator : CG/JU
Sample : N2572-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-14D

Quant Time: May 02 01:03:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	18832	20.000	ng	-0.01
21) Naphthalene-d8	10.913	136	73416	20.000	ng	# 0.00
39) Acenaphthene-d10	14.726	164	58377	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	169886	20.000	ng	-0.01
76) Chrysene-d12	21.752	240	205449	20.000	ng	-0.01
86) Perylene-d12	25.053	264	209375	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	162550	147.961	ng	0.00
7) Phenol-d6	7.259	99	208243	122.919	ng	-0.01
23) Nitrobenzene-d5	9.263	82	185156	102.402	ng	-0.01
42) 2,4,6-Tribromophenol	16.212	330	161452	173.837	ng	-0.01
45) 2-Fluorobiphenyl	13.351	172	407343	96.217	ng	0.00
79) Terphenyl-d14	20.077	244	1108462	91.122	ng	0.00
Target Compounds						Qvalue

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

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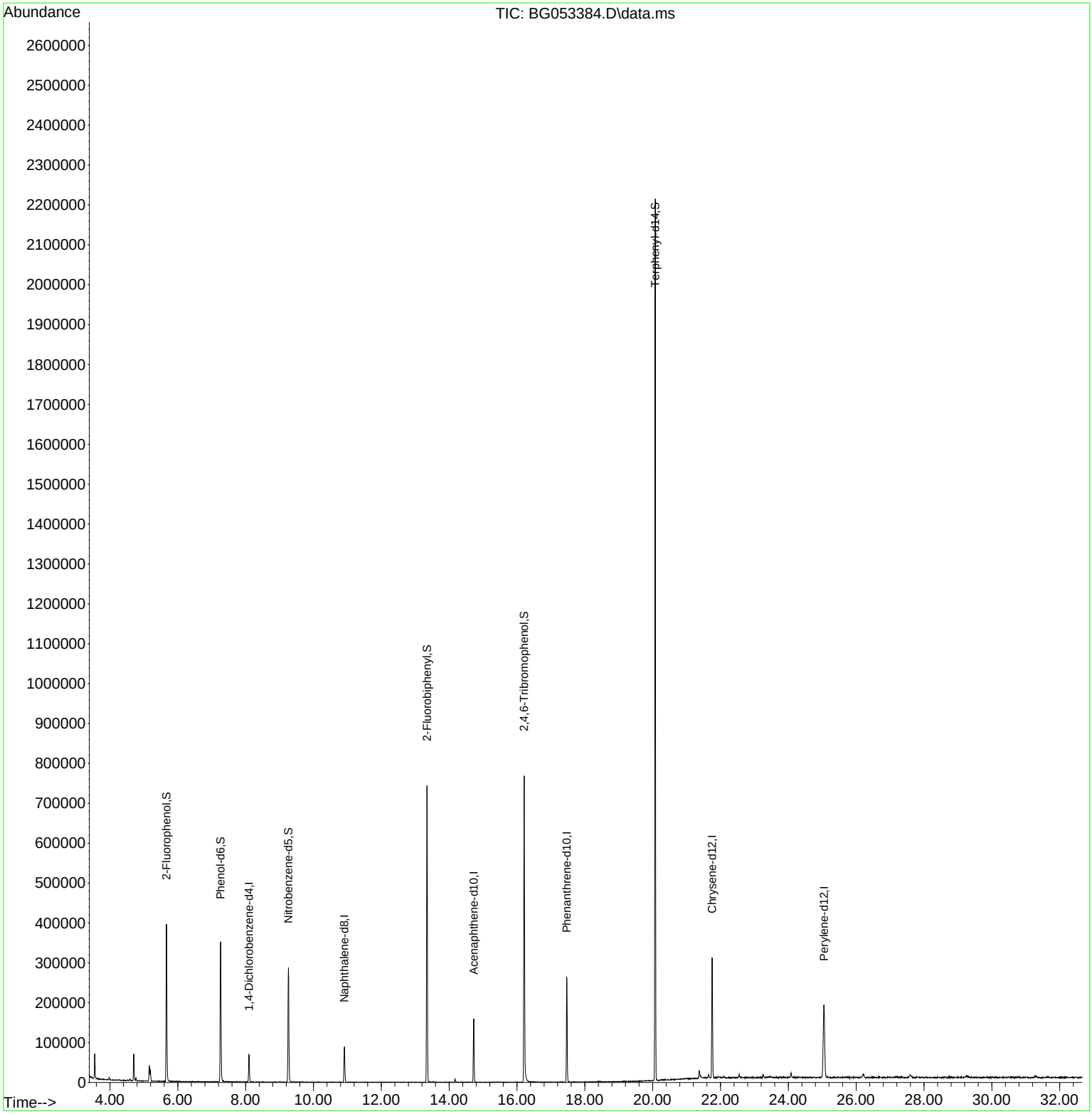
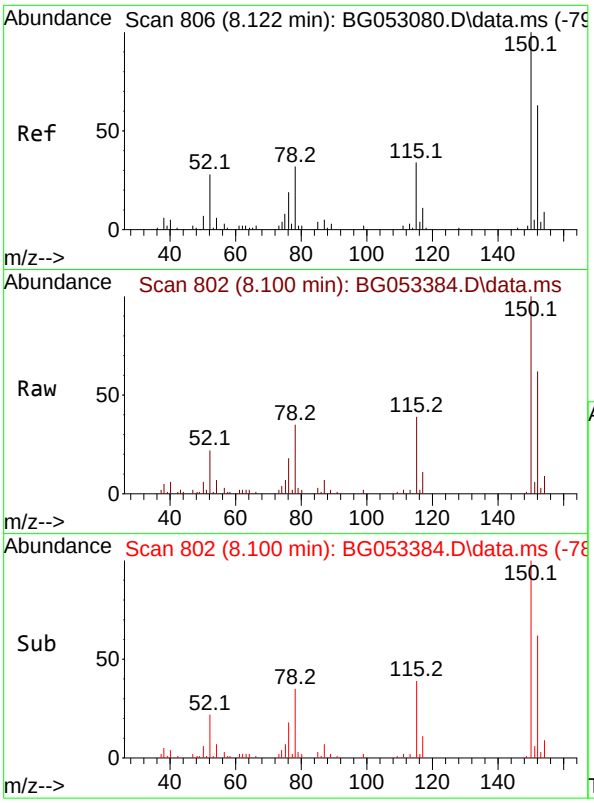


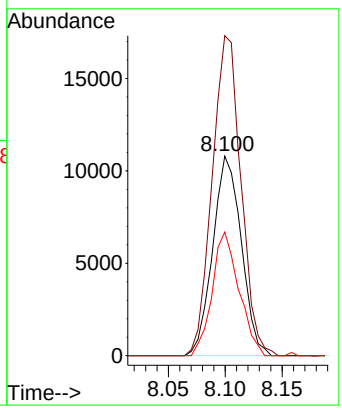


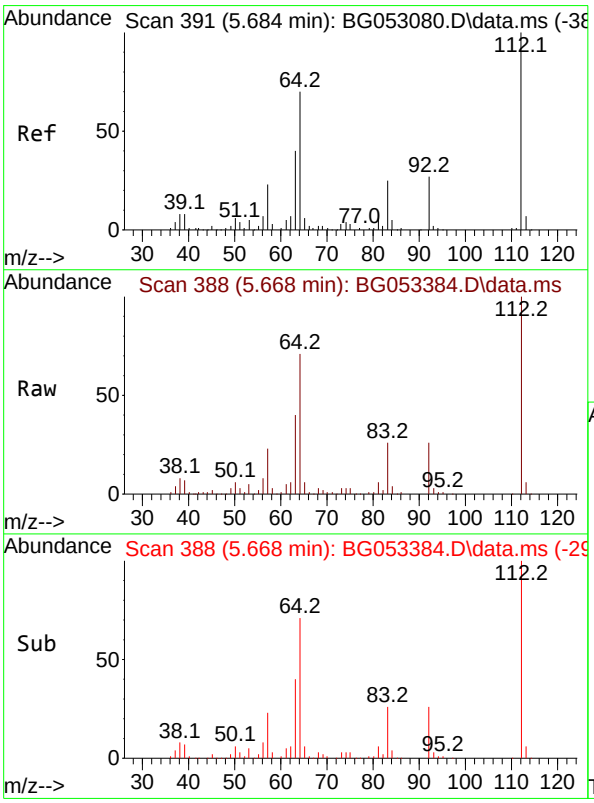
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.100 min Scan# 8(
Delta R.T. -0.013 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion:152 Resp: 18832

Ion	Ratio	Lower	Upper
152	100		
150	160.4	114.6	172.0
115	62.0	45.9	68.9

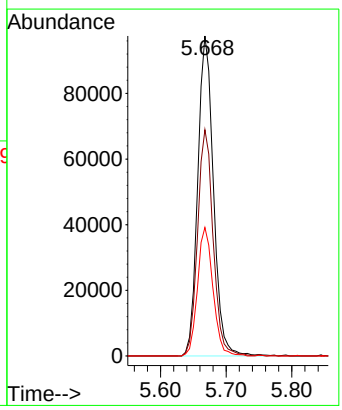


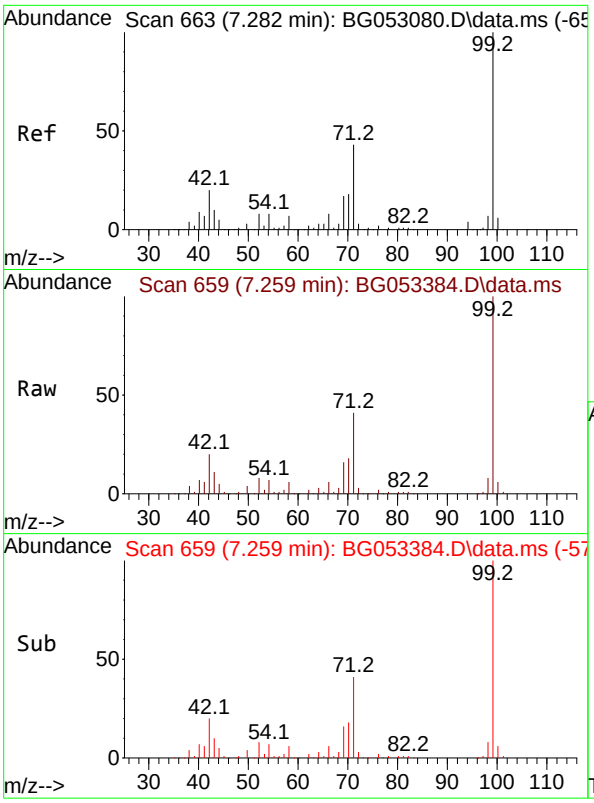


#5
2-Fluorophenol
Concen: 147.961 ng
RT: 5.668 min Scan# 388
Delta R.T. -0.008 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Tgt Ion:112 Resp: 162550

Ion	Ratio	Lower	Upper
112	100		
64	70.7	48.0	72.0
63	40.1	26.5	39.7#



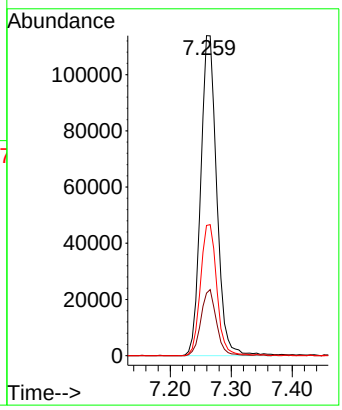


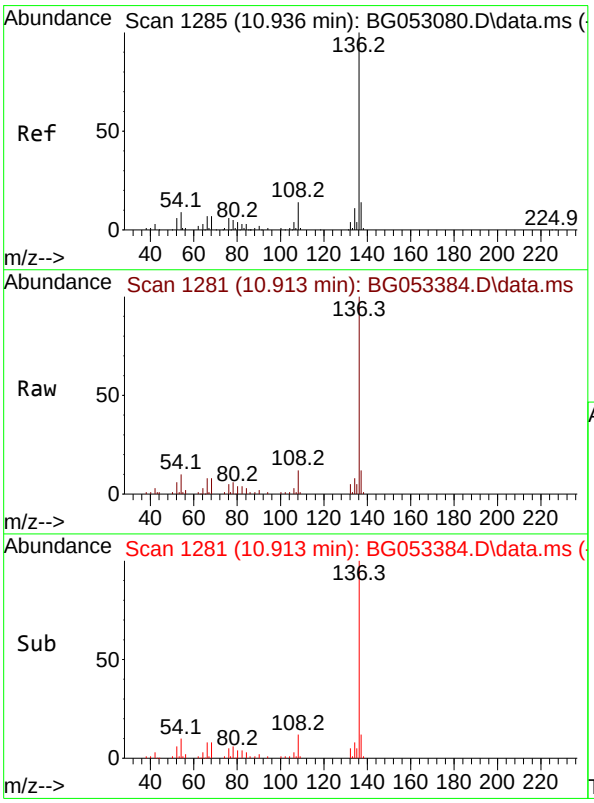
#7
Phenol-d6
Concen: 122.919 ng
RT: 7.259 min Scan# 6
Delta R.T. -0.014 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion: 99 Resp: 208243

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.7	22.1
71	40.7	29.2	43.8

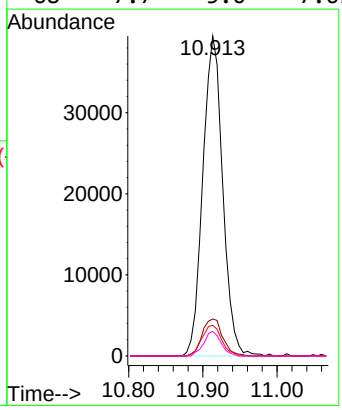


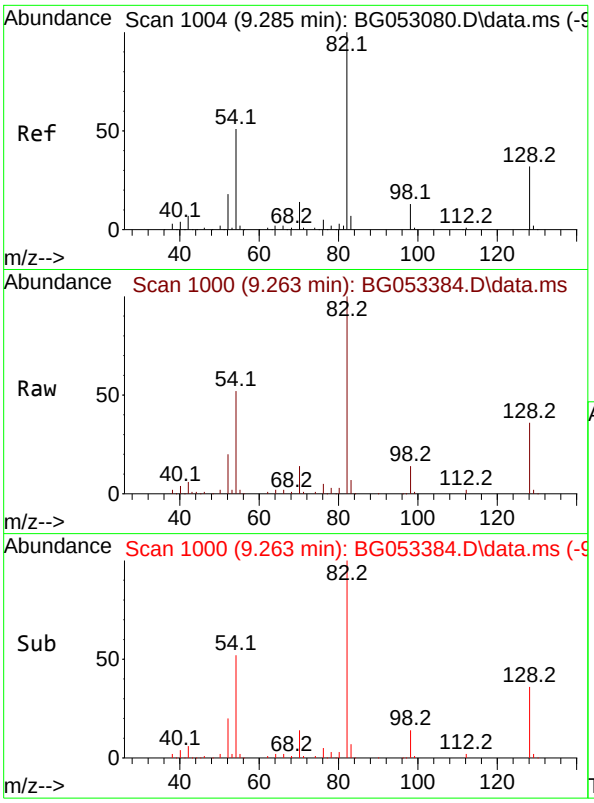


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 1281
Delta R.T. -0.008 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Tgt Ion:136 Resp: 73416

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.2
54	9.6	6.4	9.6#
68	7.7	5.0	7.6#



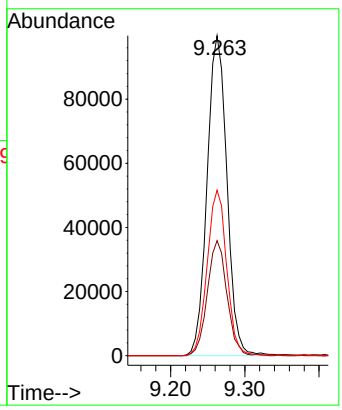


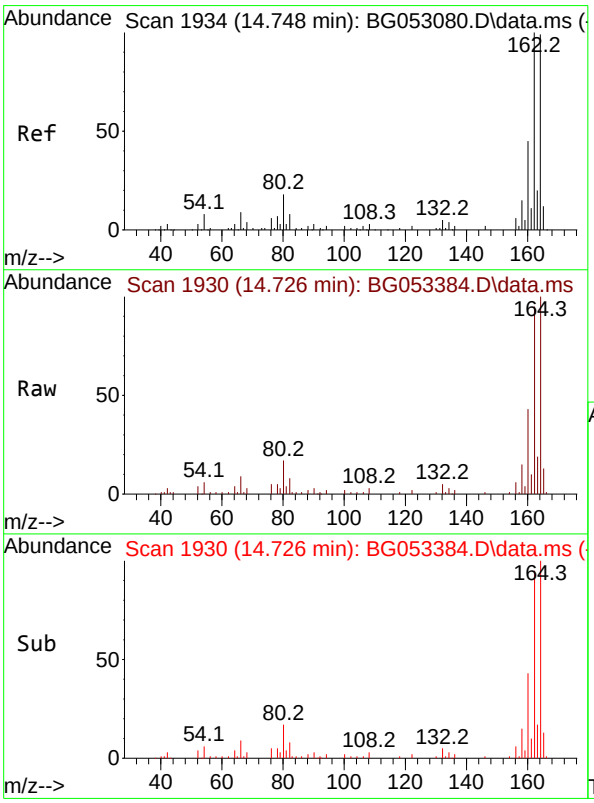
#23
Nitrobenzene-d5
Concen: 102.402 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion: 82 Resp: 185156

Ion	Ratio	Lower	Upper
82	100		
128	36.0	31.3	46.9
54	51.7	37.8	56.8

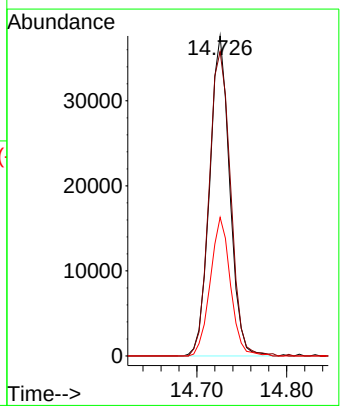


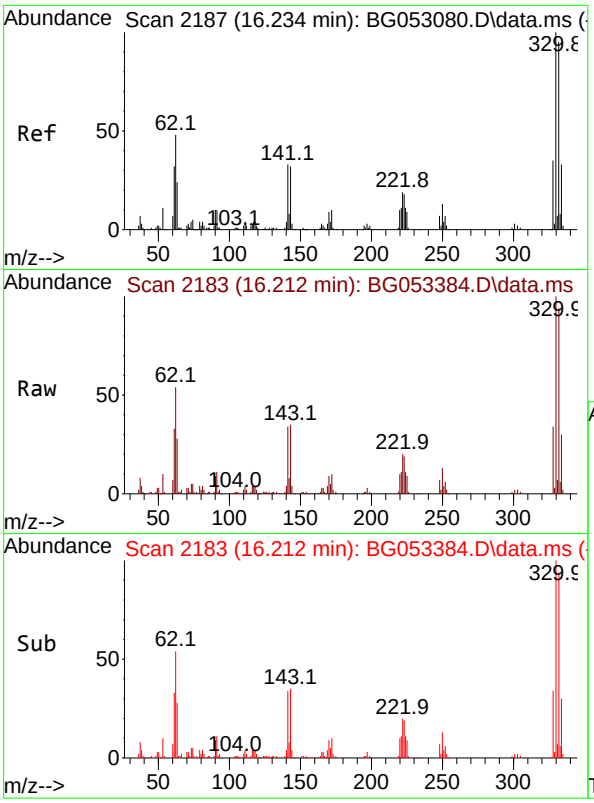


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.726 min Scan# 1930
Delta R.T. -0.008 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Tgt Ion:164 Resp: 58377

Ion	Ratio	Lower	Upper
164	100		
162	95.2	80.0	120.0
160	43.3	38.8	58.2



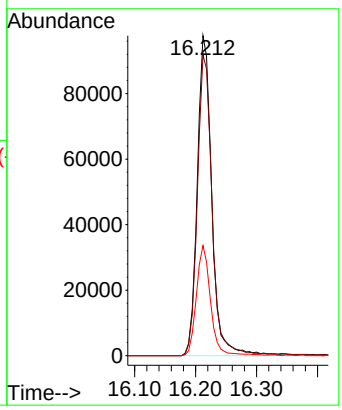


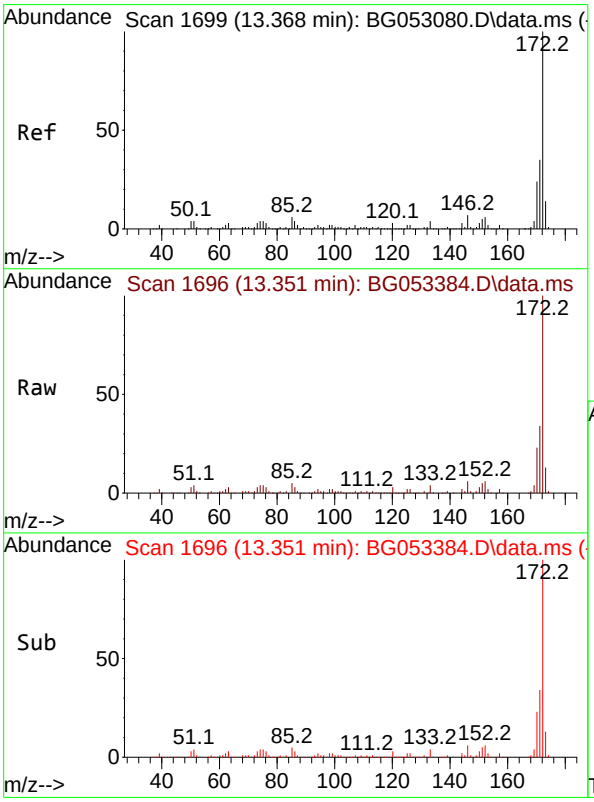
#42
2,4,6-Tribromophenol
Concen: 173.837 ng
RT: 16.212 min Scan# 2
Delta R.T. -0.014 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion:330 Resp: 161452

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.8	113.6
141	33.7	24.6	36.8

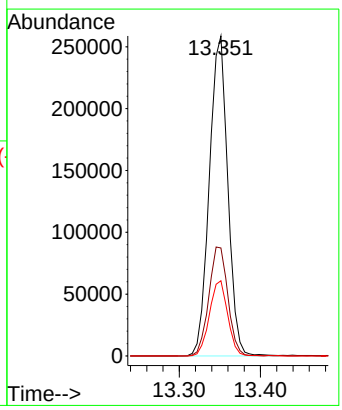


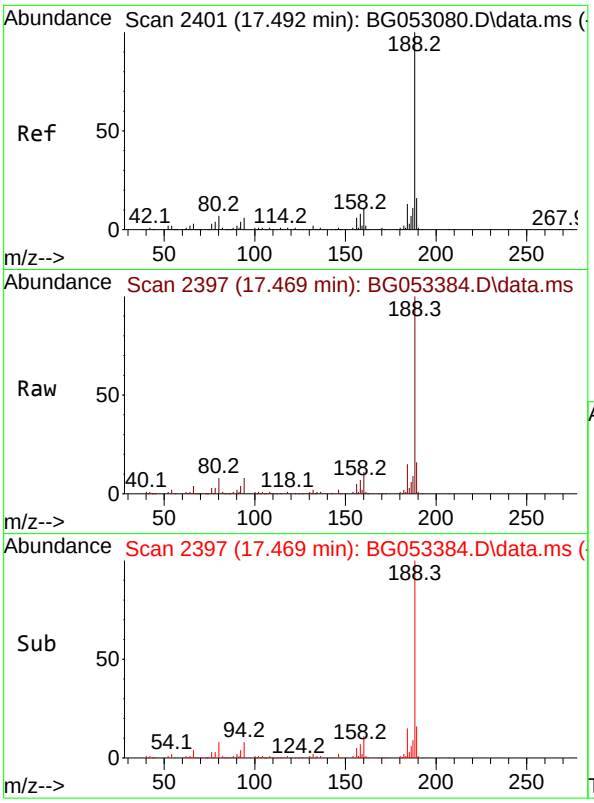


#45
2-Fluorobiphenyl
Concen: 96.217 ng
RT: 13.351 min Scan# 1696
Delta R.T. -0.008 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Tgt Ion:172 Resp: 407343

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.3	42.5
170	23.5	18.0	27.0



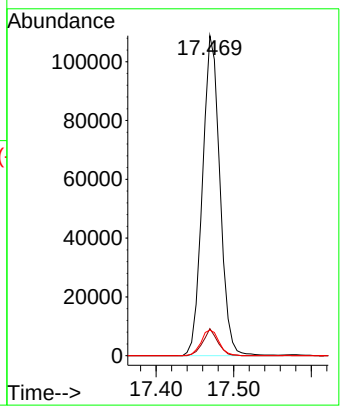


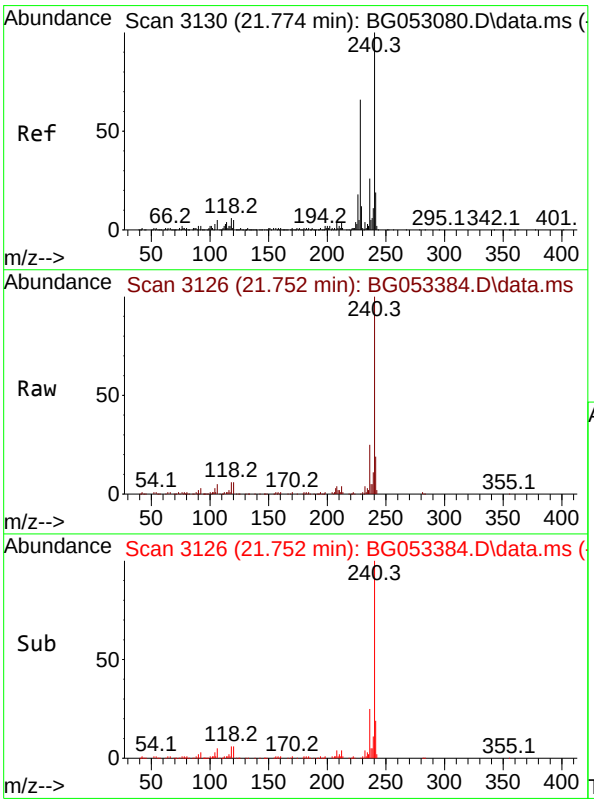
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 2
Delta R.T. -0.014 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion:188 Resp: 169886

Ion	Ratio	Lower	Upper
188	100		
94	8.4	5.7	8.5
80	8.0	7.2	10.8

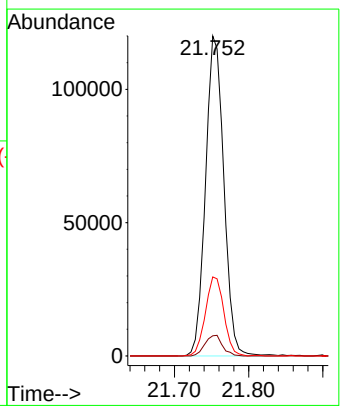


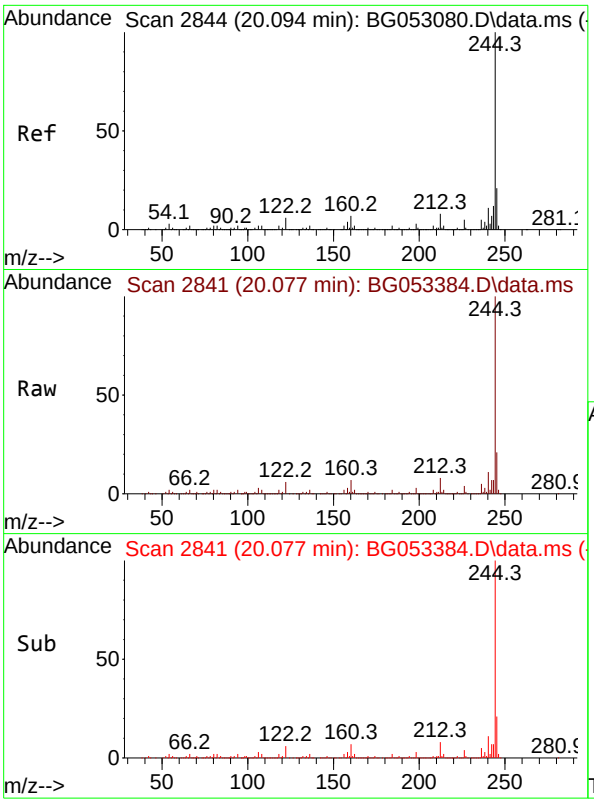


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.752 min Scan# 3126
Delta R.T. -0.014 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Tgt Ion:240 Resp: 205449

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.4	8.0
236	24.7	19.8	29.6



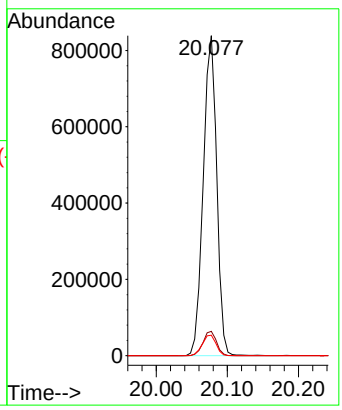


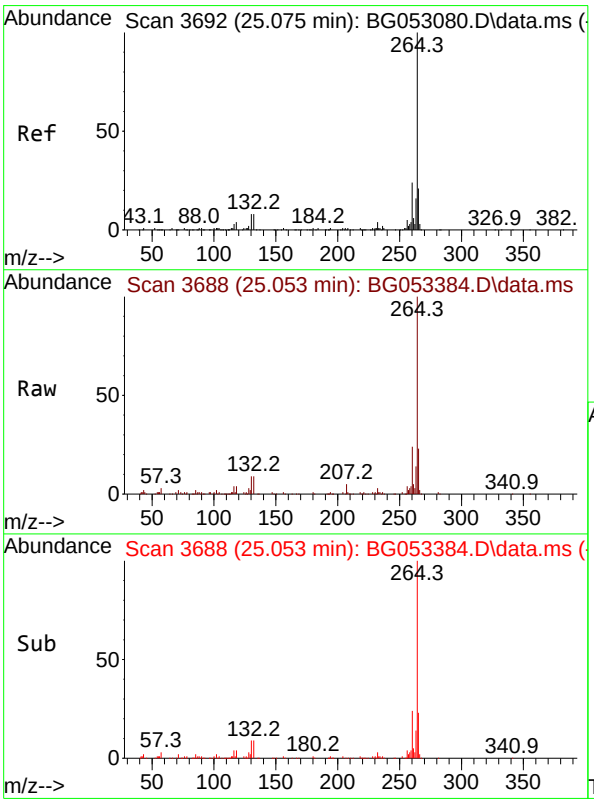
#79
Terphenyl-d14
Concen: 91.122 ng
RT: 20.077 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion:244 Resp: 1108462

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.2
122	6.4	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.053 min Scan# 3688
Delta R.T. -0.008 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Tgt Ion:264 Resp: 209375

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.2
265	22.8	15.1	22.7#