Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031122\
Data File : BG052656.D
Acq On : 11 Mar 2022 20:49
Operator : CG/JU
Sample : N1864-09 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6-DUP

Quant Time: Mar 12 06:17:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 06:37:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	40389	20.000	ng	0.00
21) Naphthalene-d8	11.007	136	165543	20.000	ng	0.00
39) Acenaphthene-d10	14.825	164	109288	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	213520	20.000	ng	0.00
76) Chrysene-d12	21.886	240	167953	20.000	ng	0.00
86) Perylene-d12	25.322	264	177359	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	35513	15.190	ng	0.00
7) Phenol-d6	7.323	99	49998	14.776	ng	0.00
23) Nitrobenzene-d5	9.344	82	34822	9.536	ng	0.00
42) 2,4,6-Tribromophenol	16.317	330	22153	14.292	ng	0.00
45) 2-Fluorobiphenyl	13.444	172	84241	10.404	ng	0.00
79) Terphenyl-d14	20.171	244	102626	10.813	ng	0.00
Target Compounds						Qvalue

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

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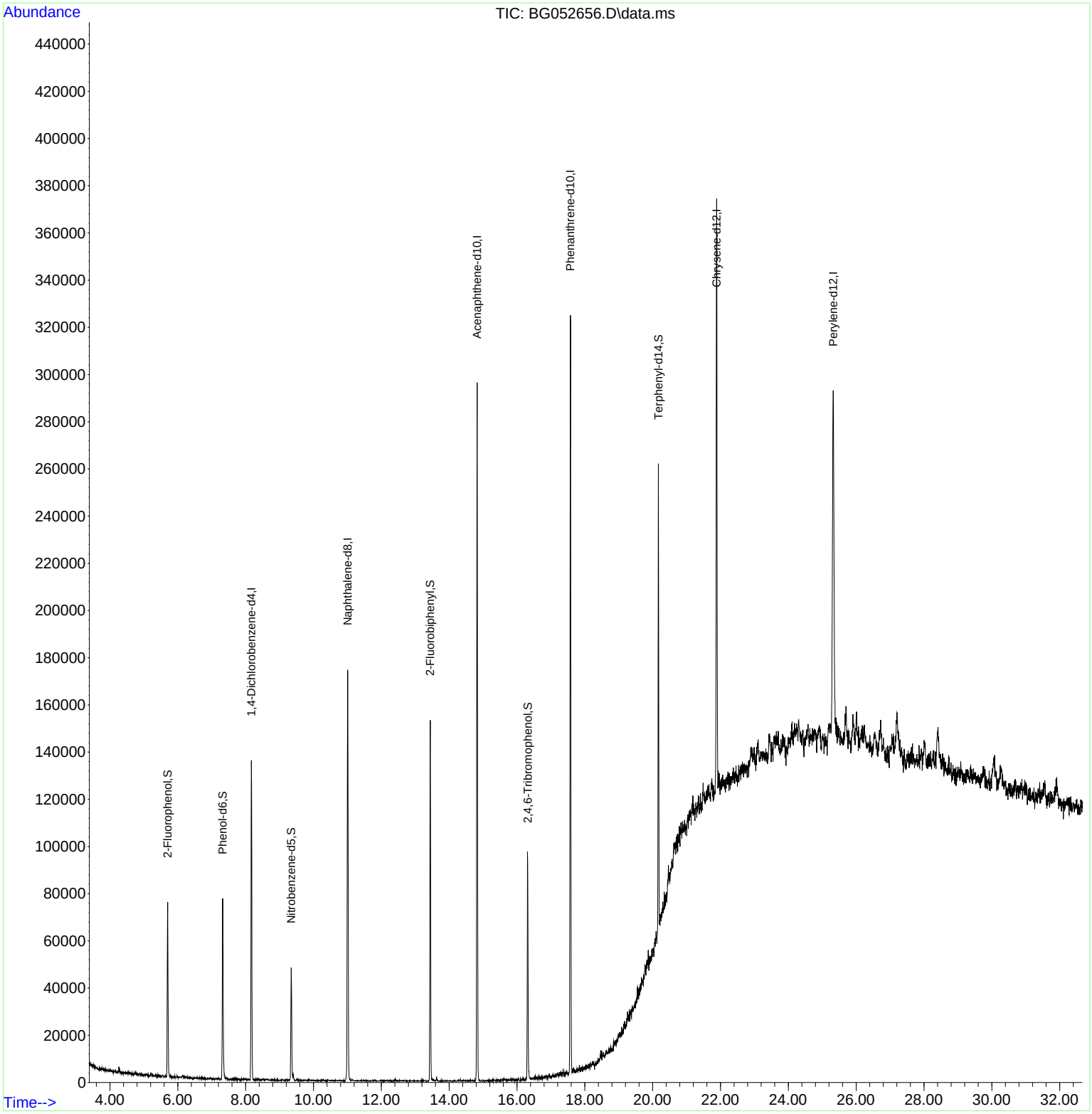
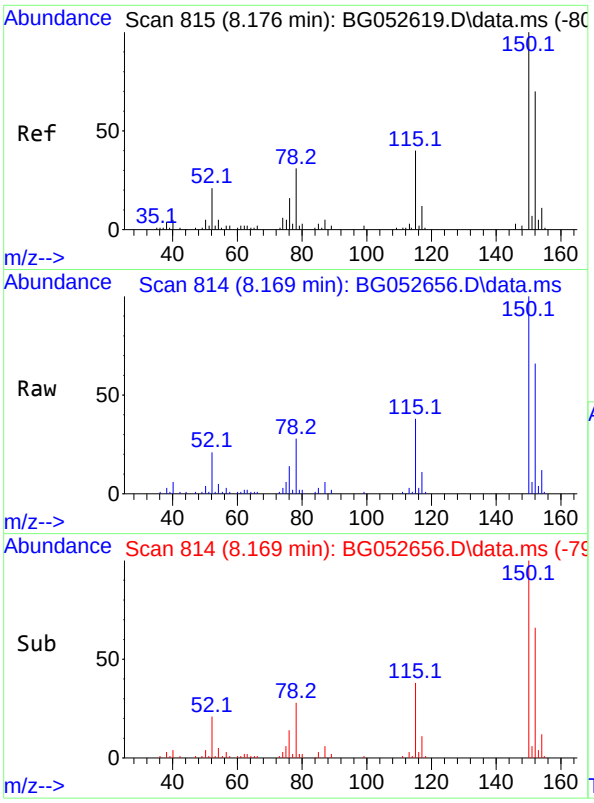


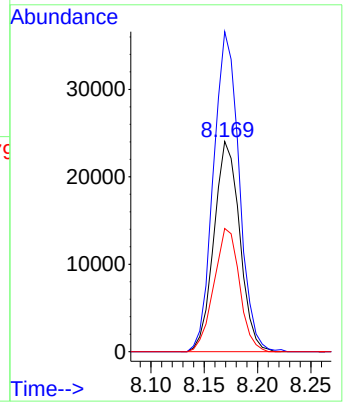


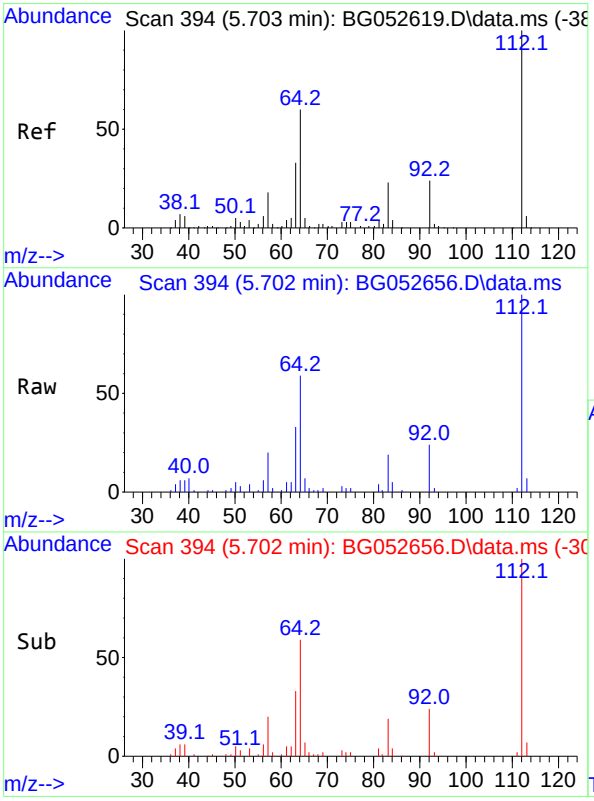
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.169 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6-DUP

Tgt Ion:152 Resp: 40389

Ion	Ratio	Lower	Upper
152	100		
150	152.2	114.6	172.0
115	58.6	45.9	68.9

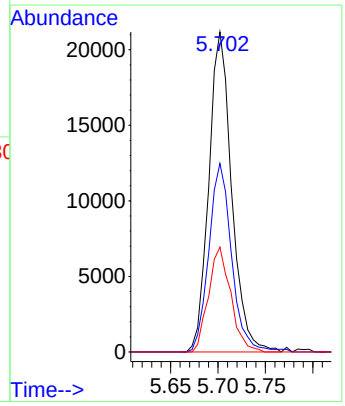


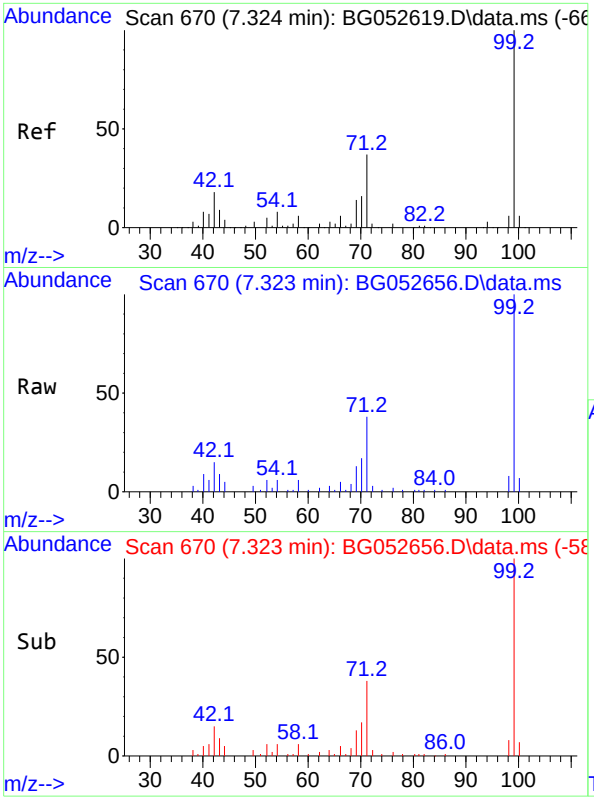


#5
2-Fluorophenol
Concen: 15.190 ng
RT: 5.702 min Scan# 394
Delta R.T. -0.001 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

Tgt Ion:112 Resp: 35513

Ion	Ratio	Lower	Upper
112	100		
64	58.9	48.0	72.0
63	32.7	26.5	39.7



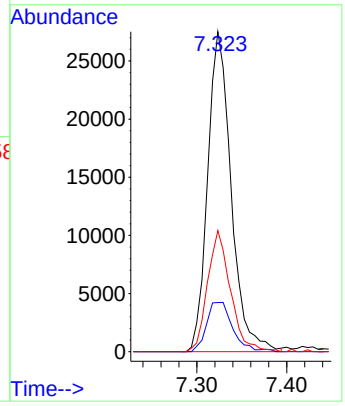


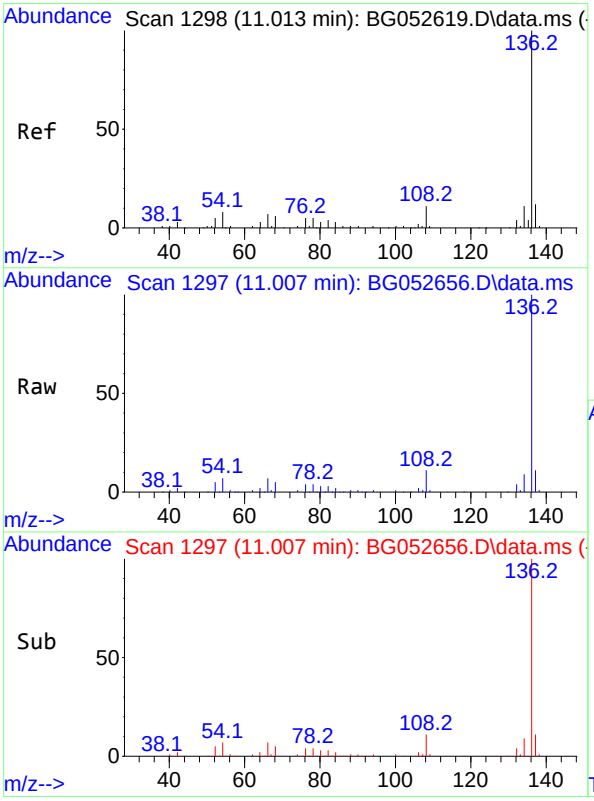
#7
Phenol-d6
Concen: 14.776 ng
RT: 7.323 min Scan# 6
Delta R.T. -0.001 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6-DUP

Tgt Ion: 99 Resp: 49998

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.7	22.1
71	37.8	29.2	43.8

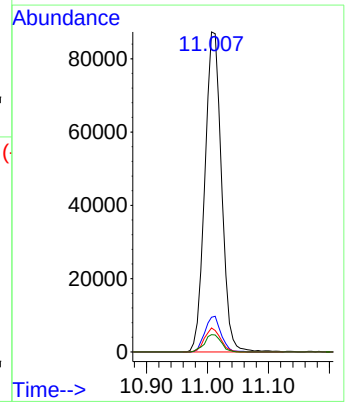


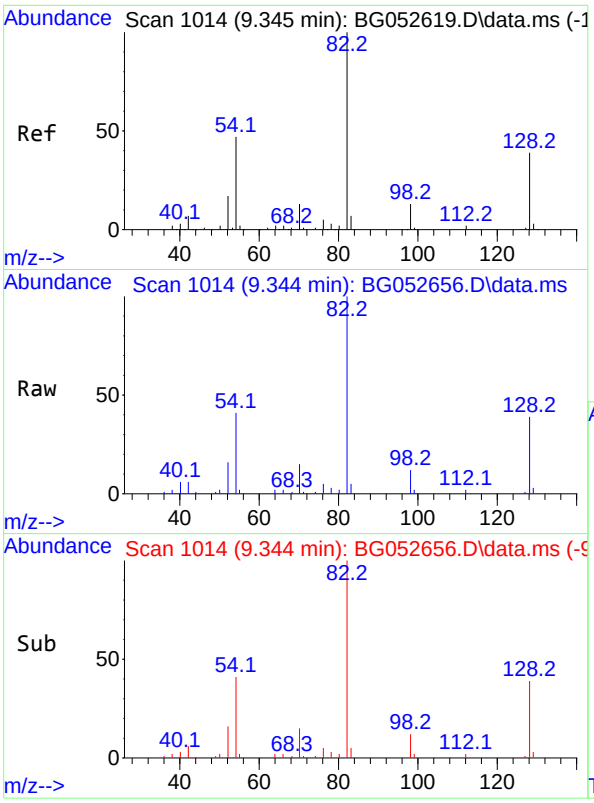


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.007 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

Tgt Ion:136 Resp: 165543

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.2
54	7.5	6.4	9.6
68	5.4	5.0	7.6



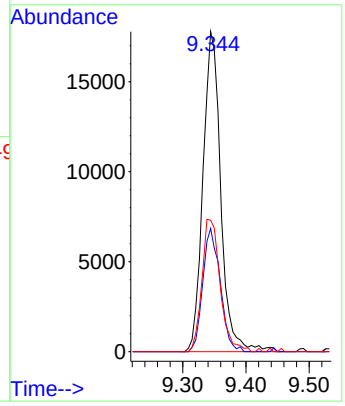


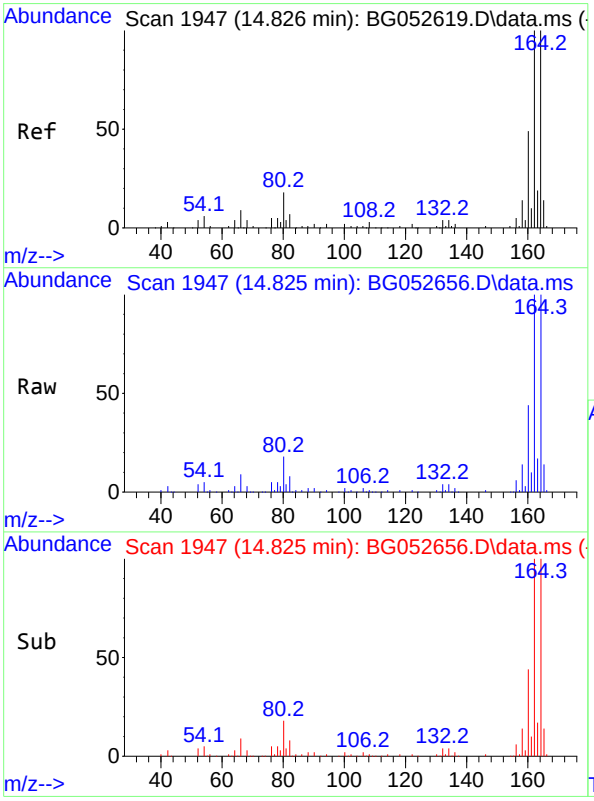
#23
Nitrobenzene-d5
Concen: 9.536 ng
RT: 9.344 min Scan# 1(
Delta R.T. -0.001 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6-DUP

Tgt Ion: 82 Resp: 34822

Ion	Ratio	Lower	Upper
82	100		
128	38.5	31.3	46.9
54	41.1	37.8	56.8

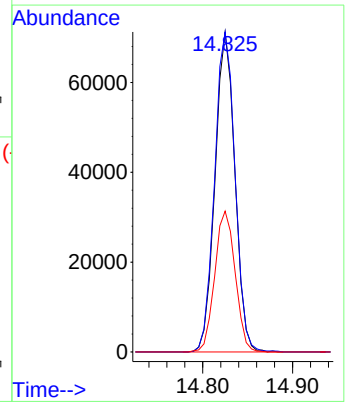


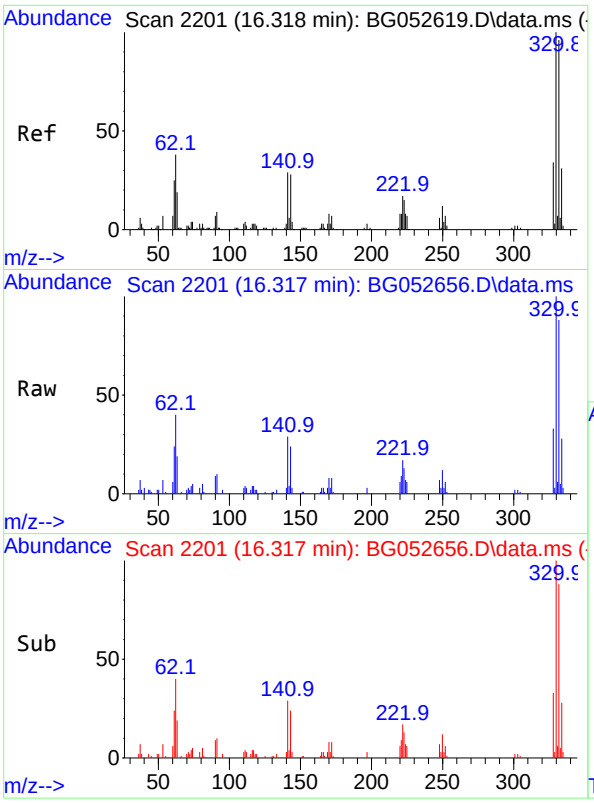


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.825 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

Tgt Ion:164 Resp: 109288

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.0	120.0
160	44.1	38.8	58.2



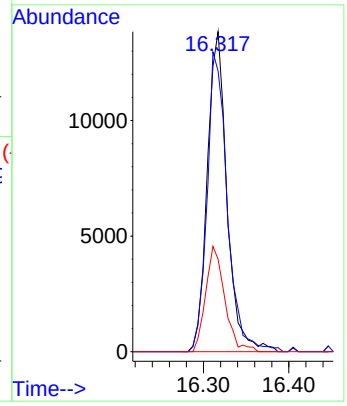


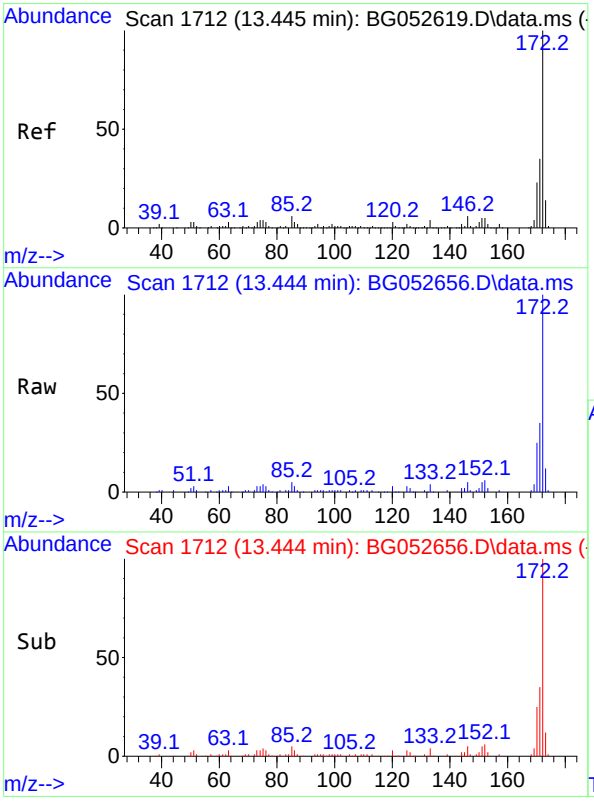
#42
2,4,6-Tribromophenol
Concen: 14.292 ng
RT: 16.317 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6-DUP

Tgt Ion:330 Resp: 22153

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.8	113.6
141	32.0	24.6	36.8

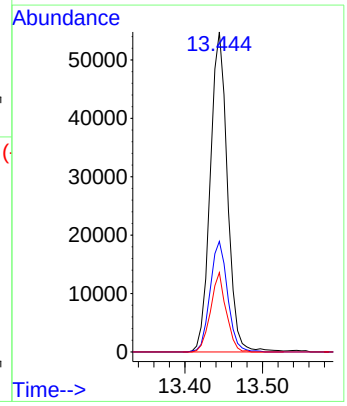


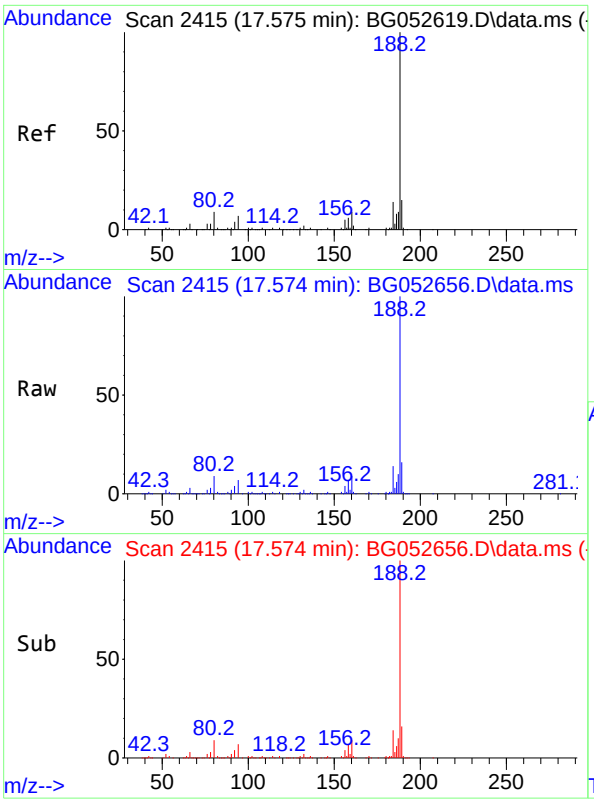


#45
2-Fluorobiphenyl
Concen: 10.404 ng
RT: 13.444 min Scan# 1712
Delta R.T. -0.001 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

Tgt Ion:172 Resp: 84241

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.3	42.5
170	24.8	18.0	27.0



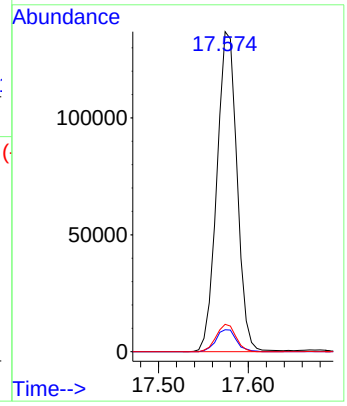


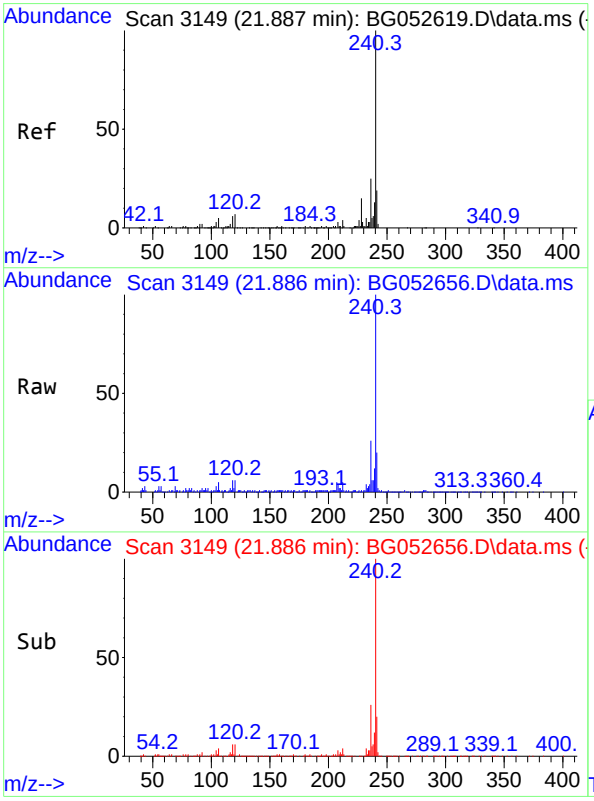
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.574 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6-DUP

Tgt Ion:188 Resp: 213520

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.7	8.5
80	8.6	7.2	10.8

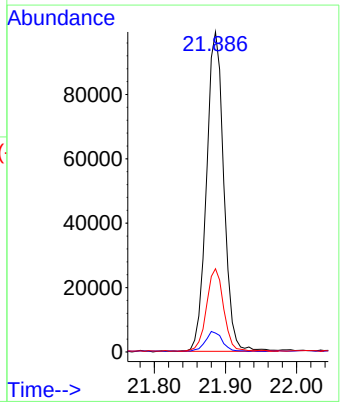


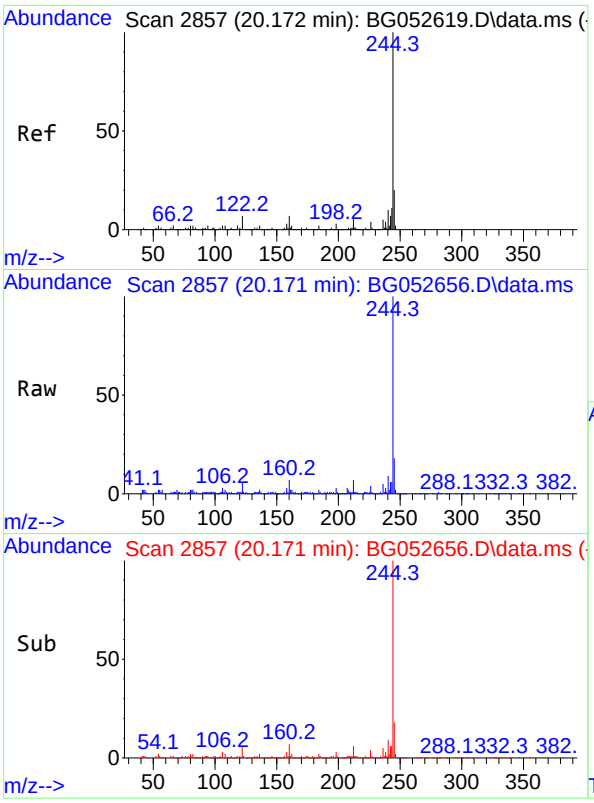


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.886 min Scan# 3149
Delta R.T. -0.001 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

Tgt Ion:240 Resp: 167953

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.4	8.0
236	26.0	19.8	29.6



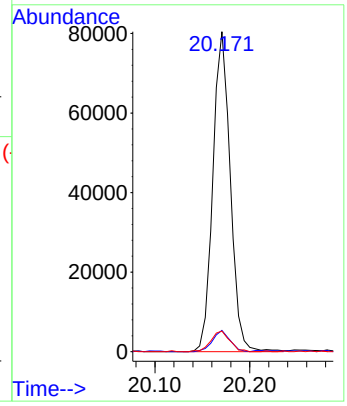


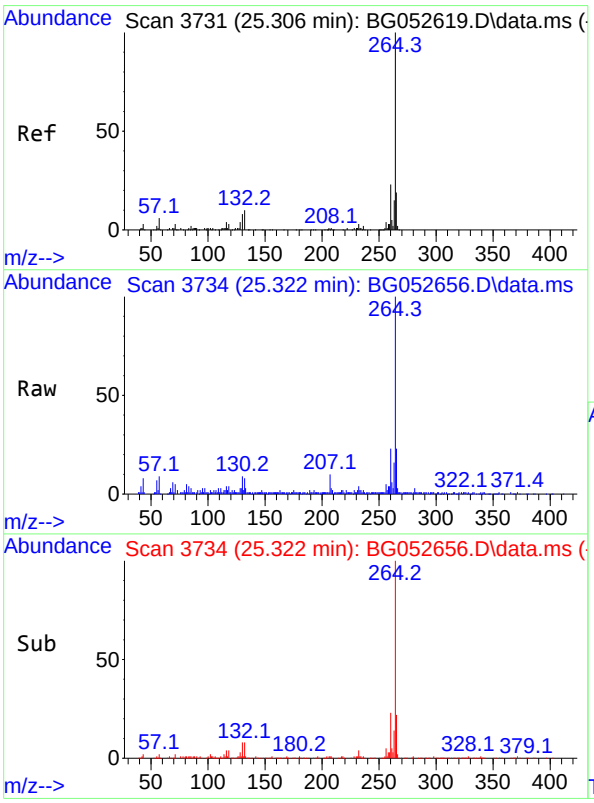
#79
Terphenyl-d14
Concen: 10.813 ng
RT: 20.171 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-4-6-DUP

Tgt Ion:244 Resp: 102626

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	6.4	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.322 min Scan# 3734
Delta R.T. 0.017 min
Lab File: BG052656.D
Acq: 11 Mar 2022 20:49

Tgt Ion:264 Resp: 177359

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	22.7	15.1	22.7