Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053249.D
Acq On : 21 Apr 2022 20:07
Operator : CG/JU
Sample : N2480-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Quant Time: Apr 22 02:57:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.113	152	37232	20.000	ng	0.00
21) Naphthalene-d8	10.927	136	138558	20.000	ng	0.00
39) Acenaphthene-d10	14.739	164	92709	20.000	ng	0.00
64) Phenanthrene-d10	17.483	188	183919	20.000	ng	0.00
76) Chrysene-d12	21.777	240	178563	20.000	ng	0.00
86) Perylene-d12	25.090	264	188343	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	174986	80.565	ng	0.00
7) Phenol-d6	7.273	99	249239	74.412	ng	0.00
23) Nitrobenzene-d5	9.276	82	185388	54.327	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	104247	70.678	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	383789	57.083	ng	0.00
79) Terphenyl-d14	20.091	244	566440	53.576	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.223	117	2650	2.544	ng	# 1
32) Benzoic acid	10.263	122	71	3.680	ng	# 1
37) 2-Methylnaphthalene	12.572	142	23246	4.250	ng	# 91
38) 1-Methylnaphthalene	12.789	142	17716	3.318	ng	# 90
66) n-Nitrosodiphenylamine	15.985	169	13549	2.562	ng	# 48
71) Phenanthrene	17.524	178	68244	6.793	ng	96
72) Anthracene	17.524	178	68244	6.857	ng	94
75) Fluoranthene	19.533	202	52177	4.052	ng	87
78) Pyrene	19.897	202	106558	8.379	ng	# 93
81) Benzo(a)anthracene	21.753	228	87207	7.143	ng	# 79
83) Chrysene	21.824	228	124812	11.015	ng	# 85
87) Indeno(1,2,3-cd)pyrene	28.879	276	55764	3.985	ng	# 63
88) Benzo(b)fluoranthene	24.033	252	66638	5.608	ng	# 71
89) Benzo(k)fluoranthene	24.033	252	66638	5.706	ng	# 71
90) Benzo(a)pyrene	24.932	252	87201	8.614	ng	# 87
91) Dibenzo(a,h)anthracene	28.903	278	53988	4.688	ng	# 79
92) Benzo(g,h,i)perylene	30.066	276	98480	8.676	ng	94

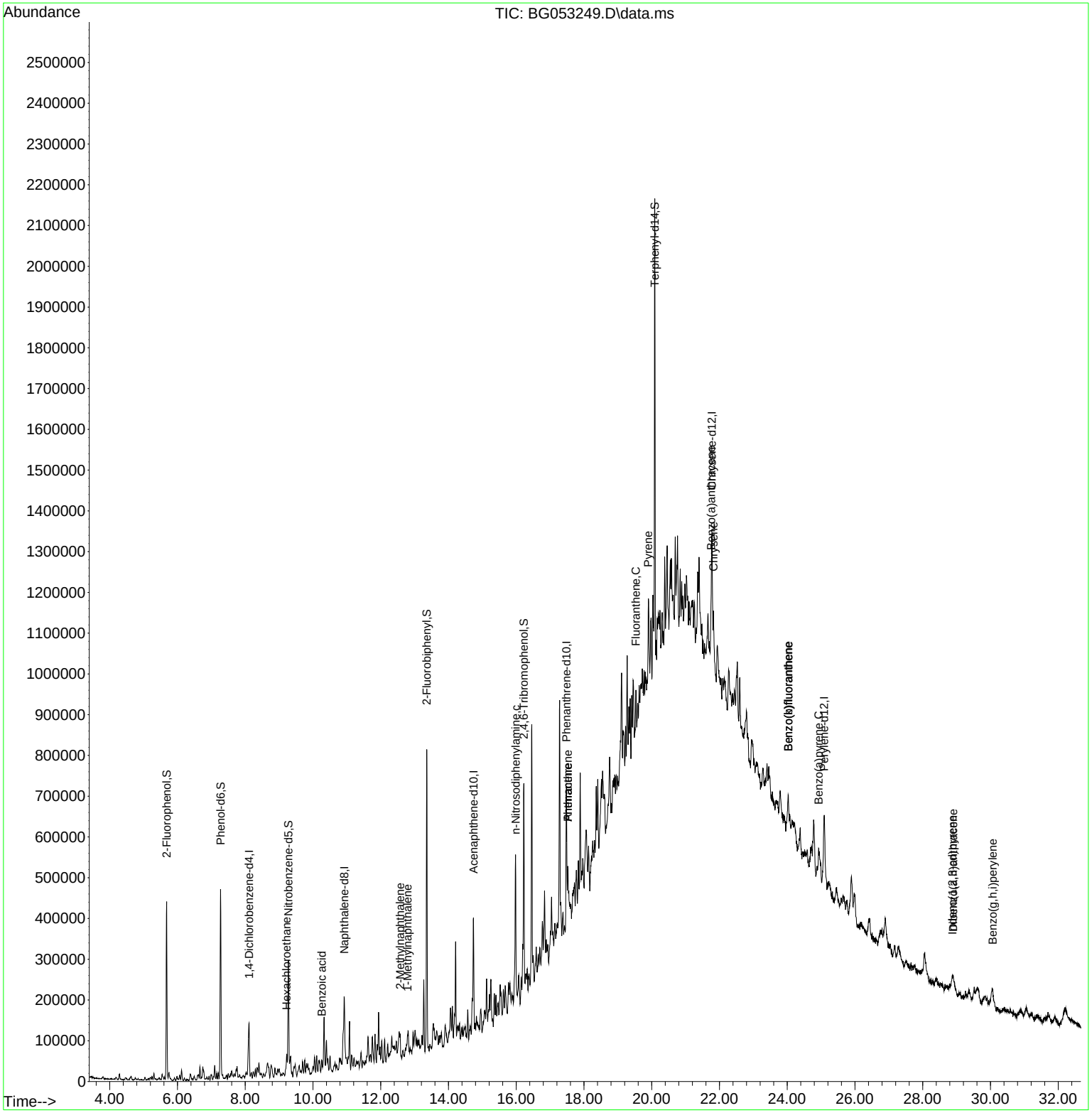
(#) = qualifier out of range (m) = manual integration (+) = signals summed

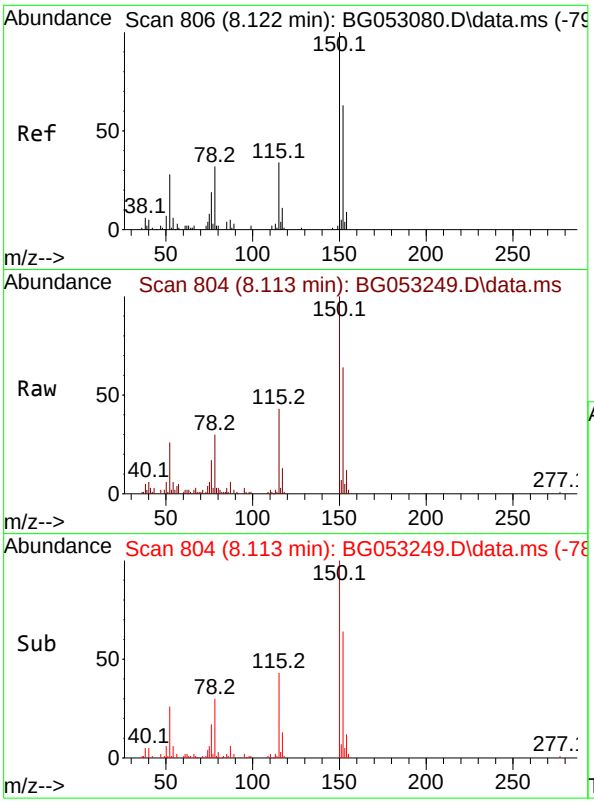
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053249.D
Acq On : 21 Apr 2022 20:07
Operator : CG/JU
Sample : N2480-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Quant Time: Apr 22 02:57:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration



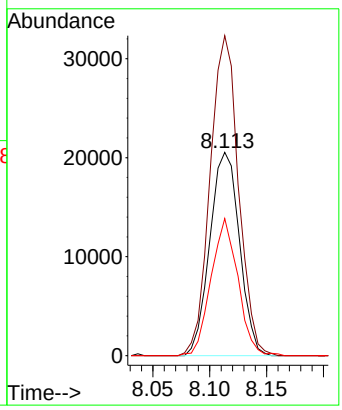


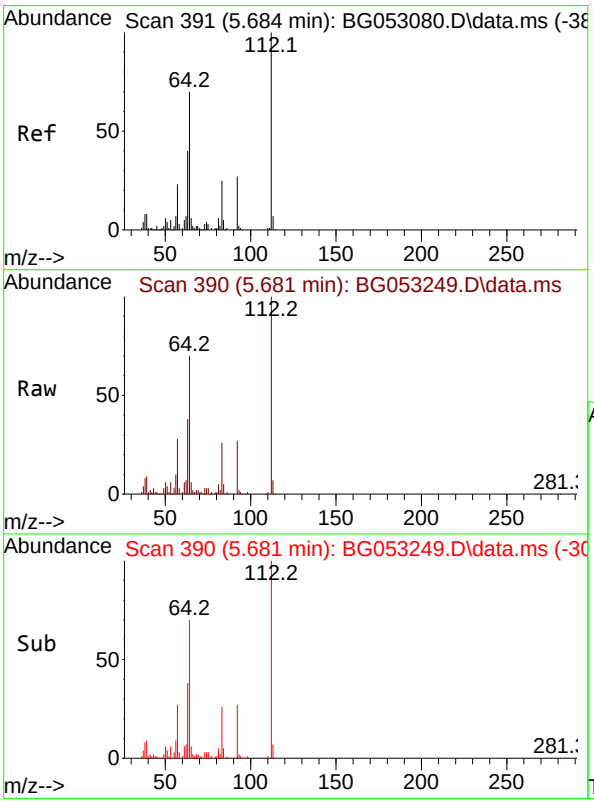
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.113 min Scan# 8(
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Tgt Ion:152 Resp: 37232

Ion	Ratio	Lower	Upper
152	100		
150	157.4	114.6	172.0
115	67.5	45.9	68.9

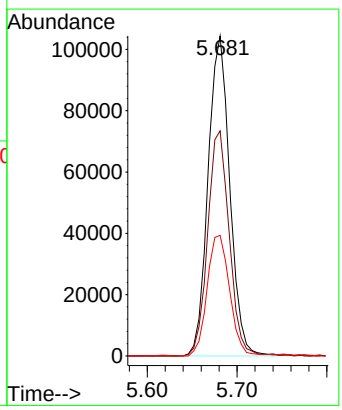


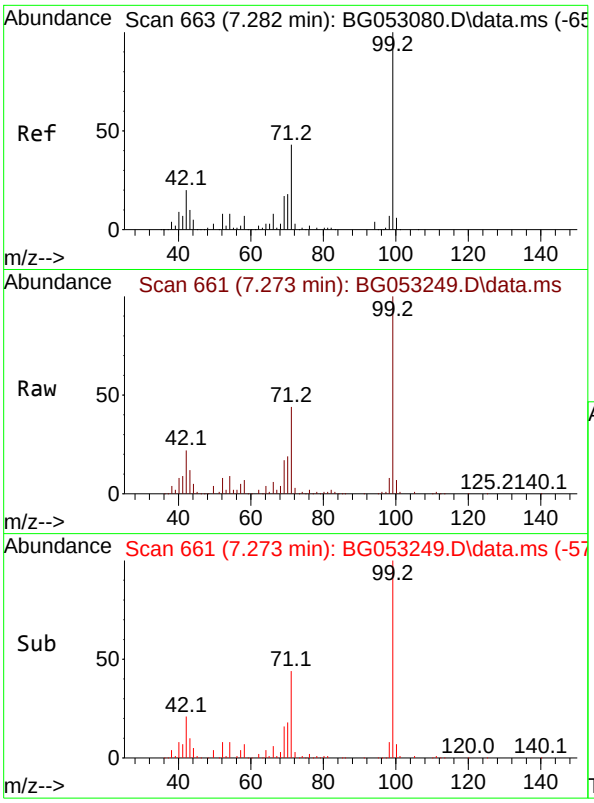


#5
2-Fluorophenol
Concen: 80.565 ng
RT: 5.681 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:112 Resp: 174986

Ion	Ratio	Lower	Upper
112	100		
64	70.4	48.0	72.0
63	37.7	26.5	39.7



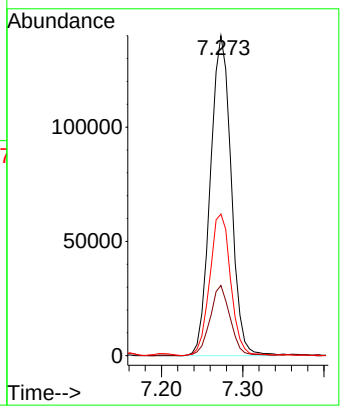


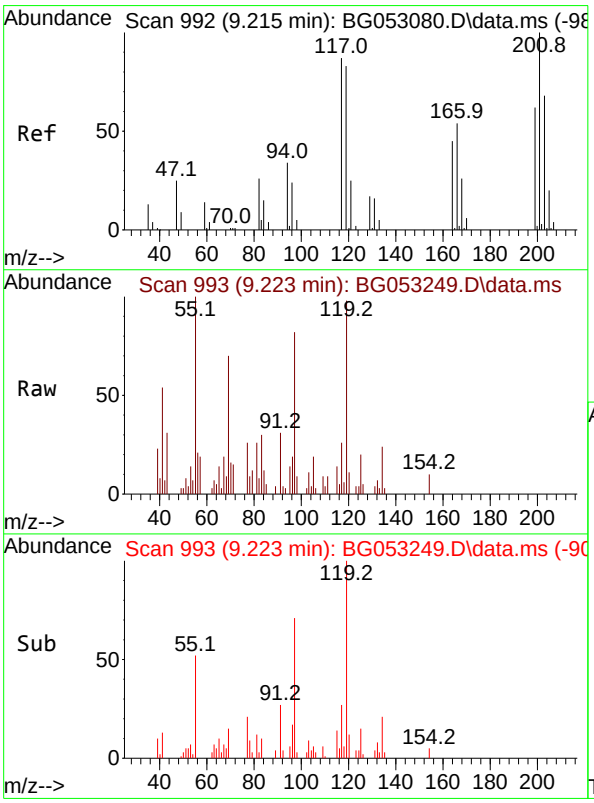
#7
Phenol-d6
Concen: 74.412 ng
RT: 7.273 min Scan# 6
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Tgt Ion: 99 Resp: 249239

Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.7	22.1
71	44.2	29.2	43.8#

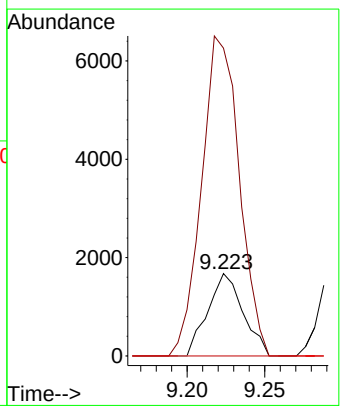


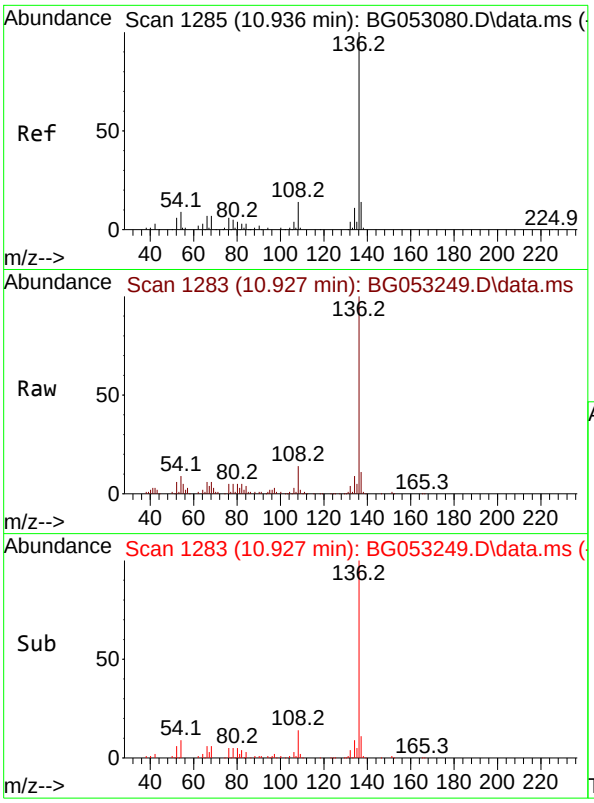


#18
Hexachloroethane
Concen: 2.544 ng
RT: 9.223 min Scan# 993
Delta R.T. 0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:117 Resp: 2650

Ion	Ratio	Lower	Upper
117	100		
119	373.7	75.1	112.7#
201	0.0	96.6	145.0#



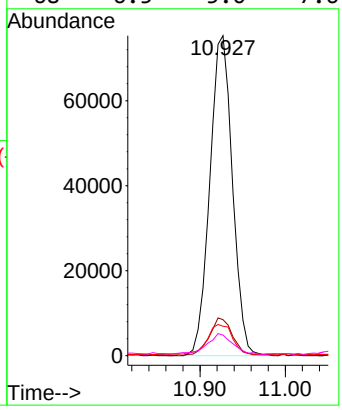


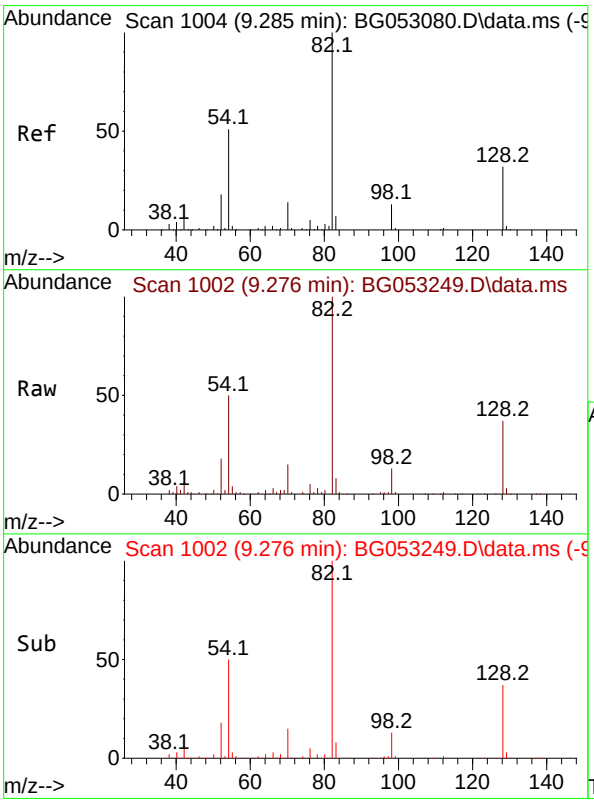
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Tgt Ion:136 Resp: 138558

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.2
54	9.2	6.4	9.6
68	6.5	5.0	7.6

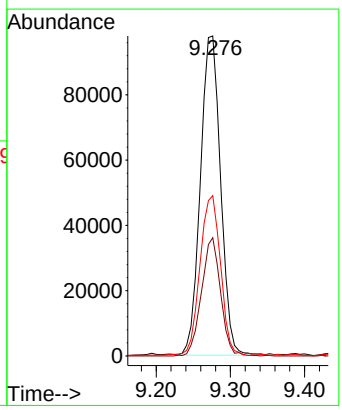


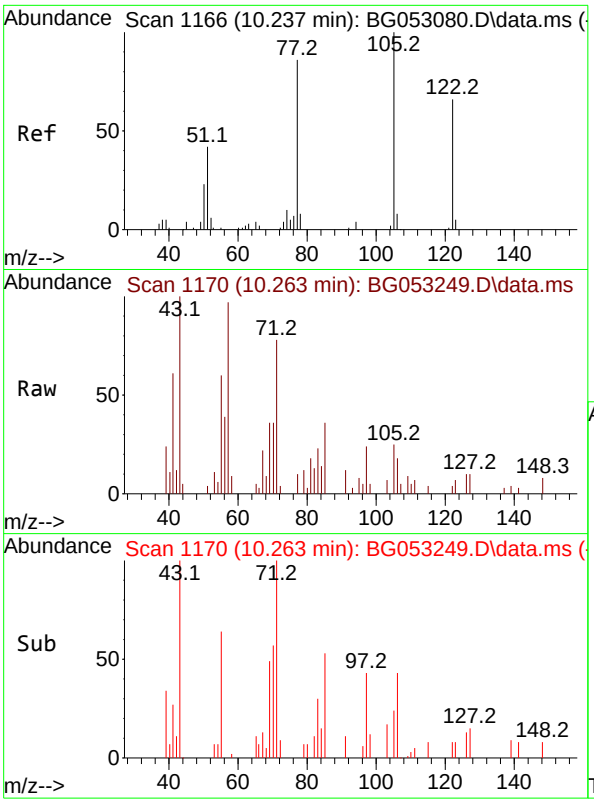


#23
Nitrobenzene-d5
Concen: 54.327 ng
RT: 9.276 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 82 Resp: 185388

Ion	Ratio	Lower	Upper
82	100		
128	37.0	31.3	46.9
54	50.1	37.8	56.8



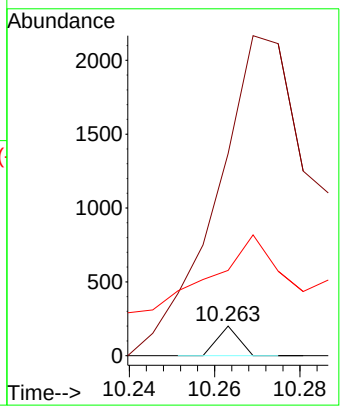


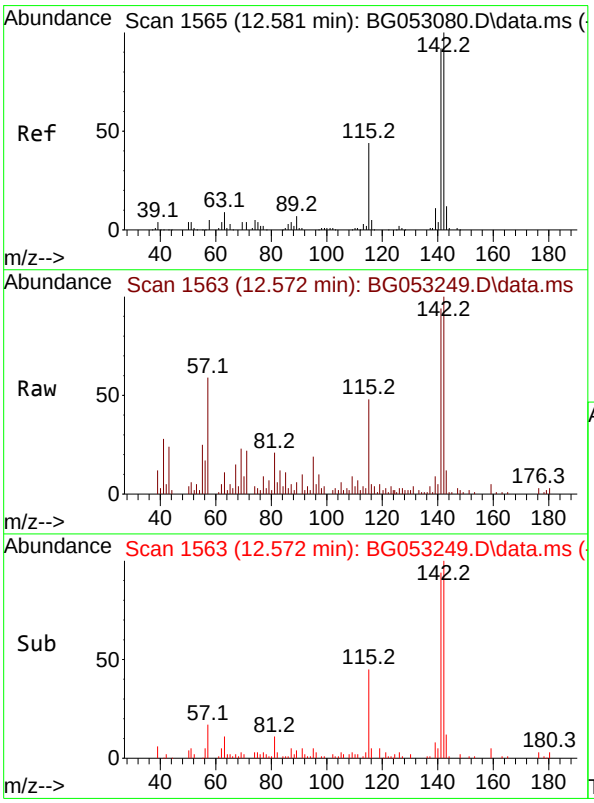
#32
Benzoic acid
Concen: 3.680 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.026 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Tgt Ion:122 Resp: 71

Ion	Ratio	Lower	Upper
122	100		
105	684.5	112.8	152.8#
77	289.0	78.4	118.4#

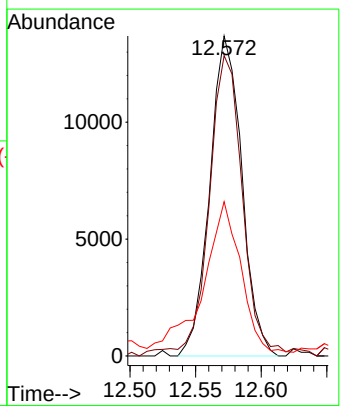


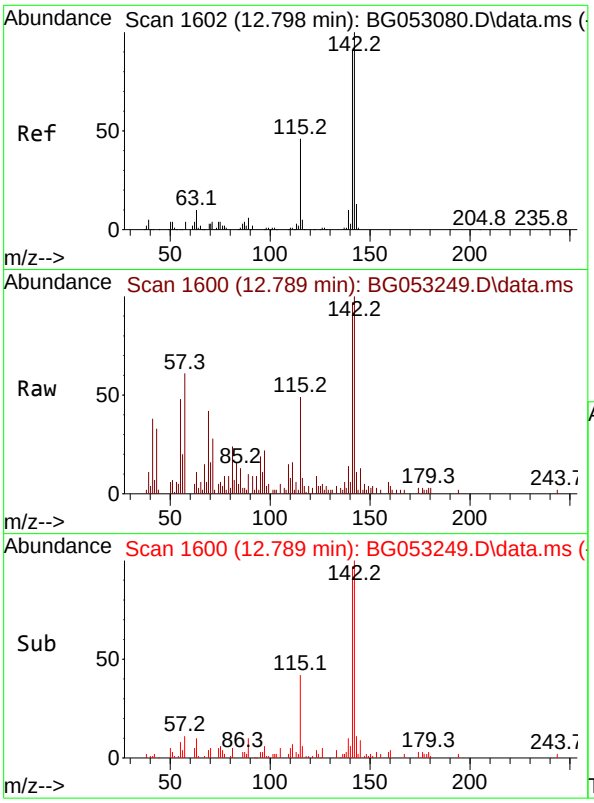


#37
2-Methylnaphthalene
Concen: 4.250 ng
RT: 12.572 min Scan# 1563
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:142 Resp: 23246

Ion	Ratio	Lower	Upper
142	100		
141	93.8	71.3	106.9
115	48.2	29.5	44.3#



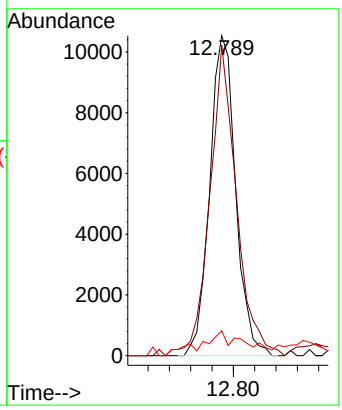


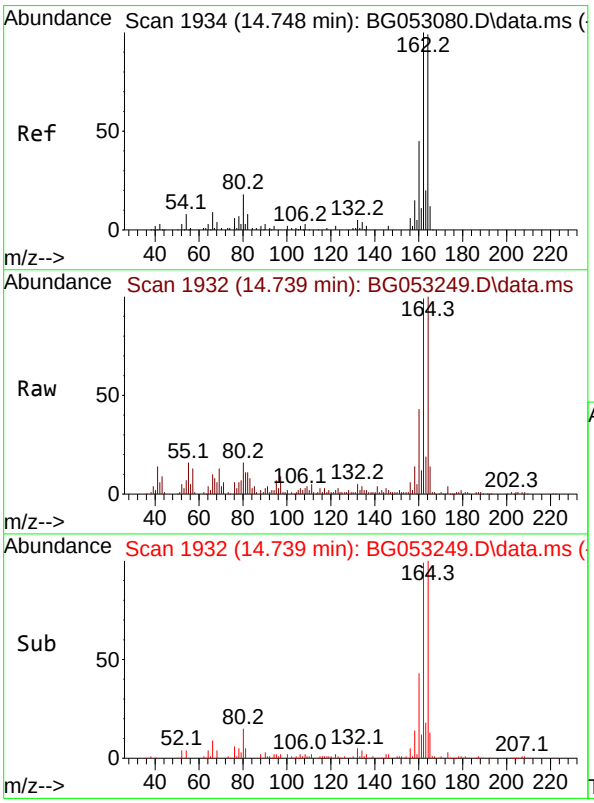
#38
1-Methylnaphthalene
Concen: 3.318 ng
RT: 12.789 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Tgt Ion:142 Resp: 17716

Ion	Ratio	Lower	Upper
142	100		
141	97.0	70.5	105.7
116	7.8	3.1	4.7#

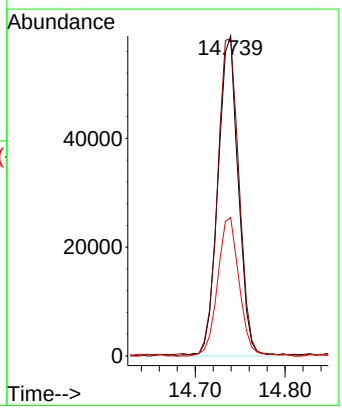


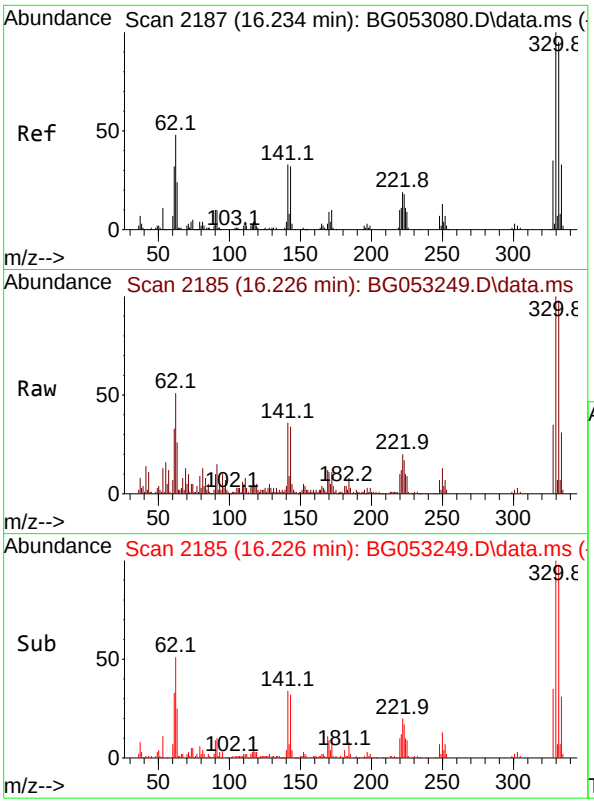


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.739 min Scan# 1932
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:164 Resp: 92709

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.0	120.0
160	43.2	38.8	58.2



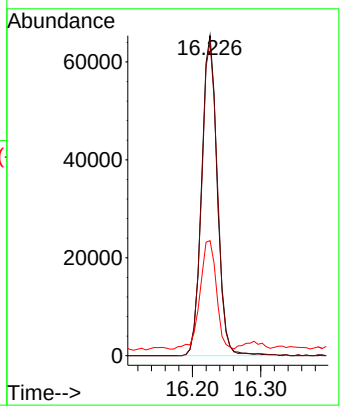


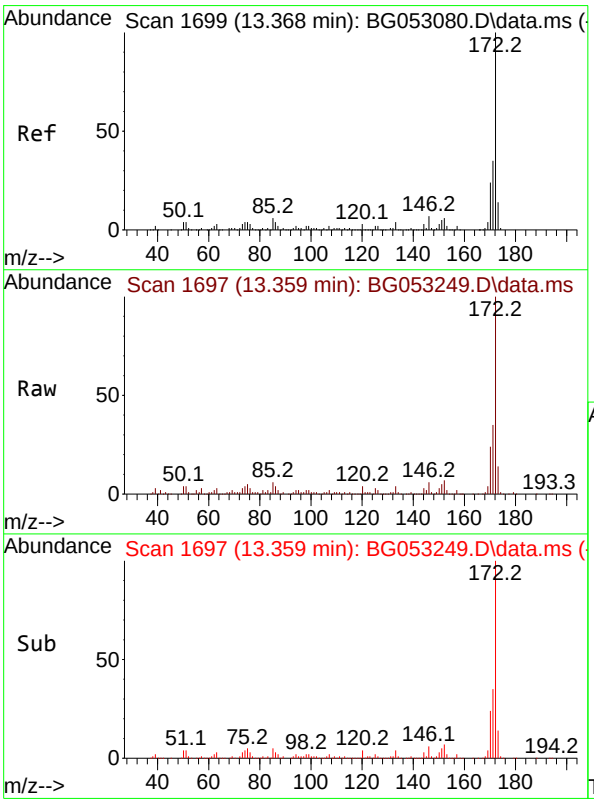
#42
2,4,6-Tribromophenol
Concen: 70.678 ng
RT: 16.226 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Tgt Ion:330 Resp: 104247

Ion	Ratio	Lower	Upper
330	100		
332	99.0	75.8	113.6
141	35.4	24.6	36.8

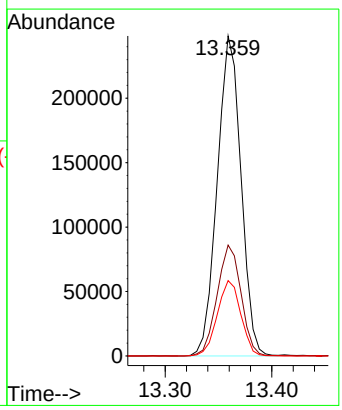


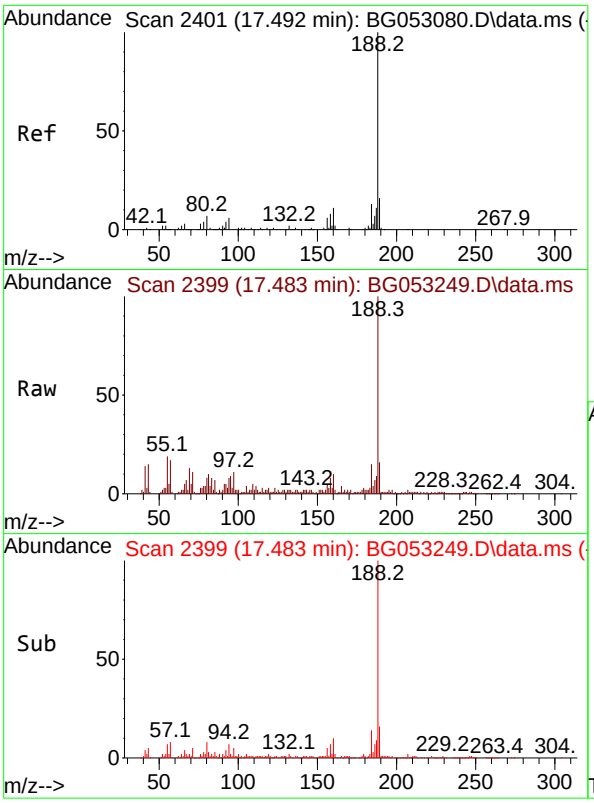


#45
2-Fluorobiphenyl
Concen: 57.083 ng
RT: 13.359 min Scan# 1697
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:172 Resp: 383789

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	23.5	18.0	27.0



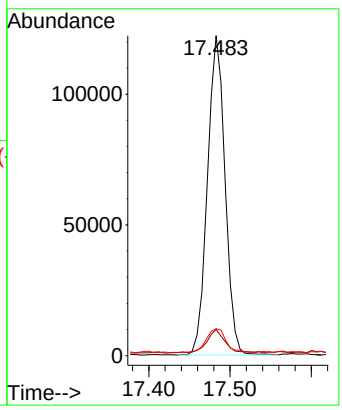


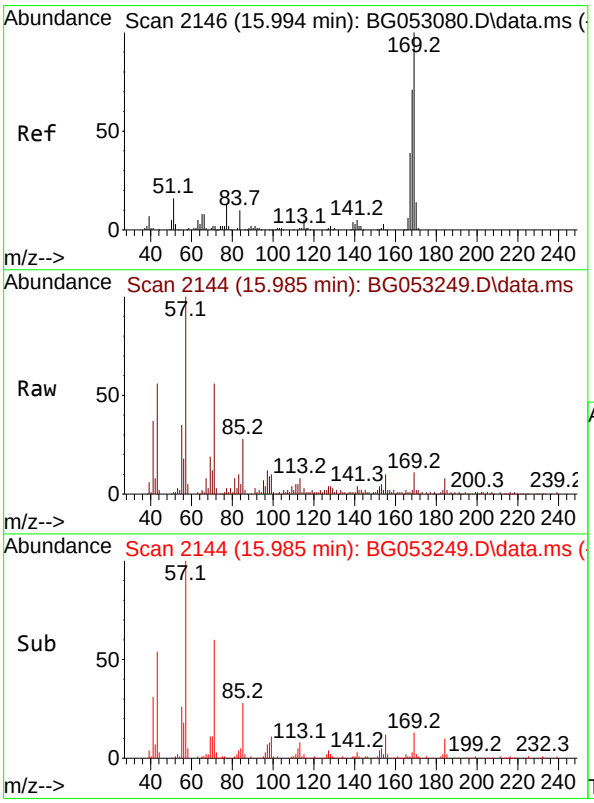
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.483 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Tgt Ion:188 Resp: 183919

Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.7	8.5
80	8.4	7.2	10.8

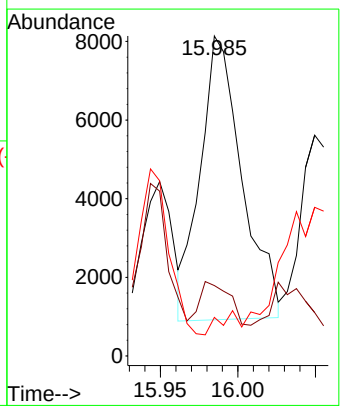


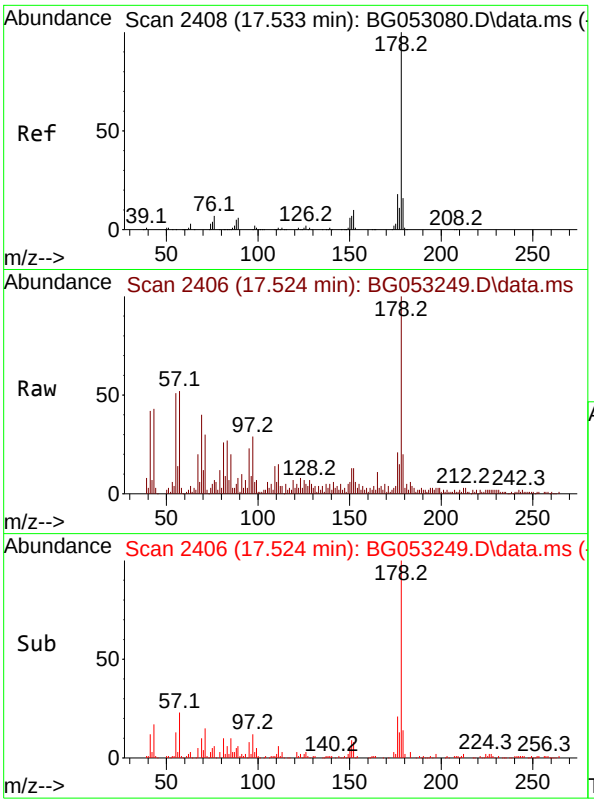


#66
n-Nitrosodiphenylamine
Concen: 2.562 ng
RT: 15.985 min Scan# 2144
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:169 Resp: 13549

Ion	Ratio	Lower	Upper
169	100		
168	22.0	54.5	81.7#
167	12.1	29.6	44.4#



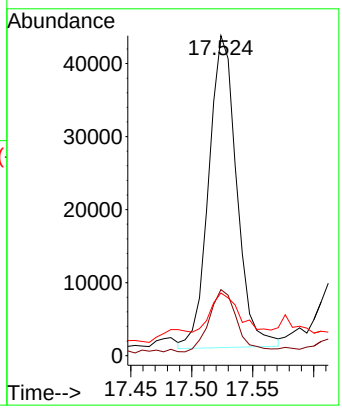


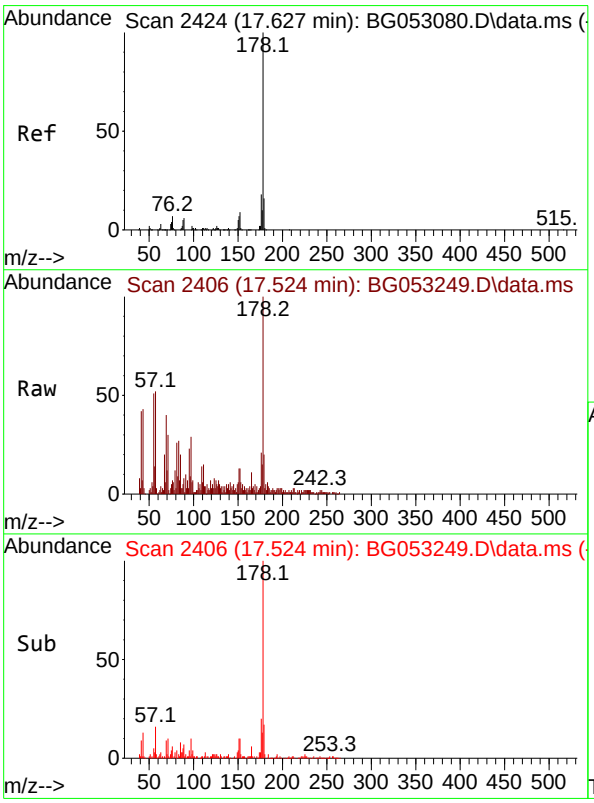
#71
Phenanthrene
Concen: 6.793 ng
RT: 17.524 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Tgt Ion:178 Resp: 68244

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.9	23.9
179	19.6	13.4	20.2

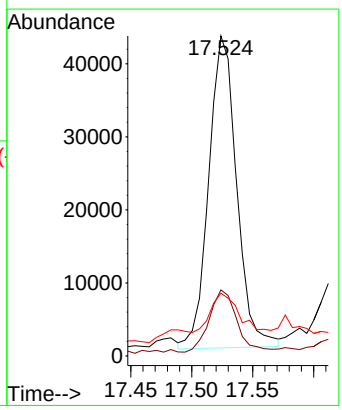


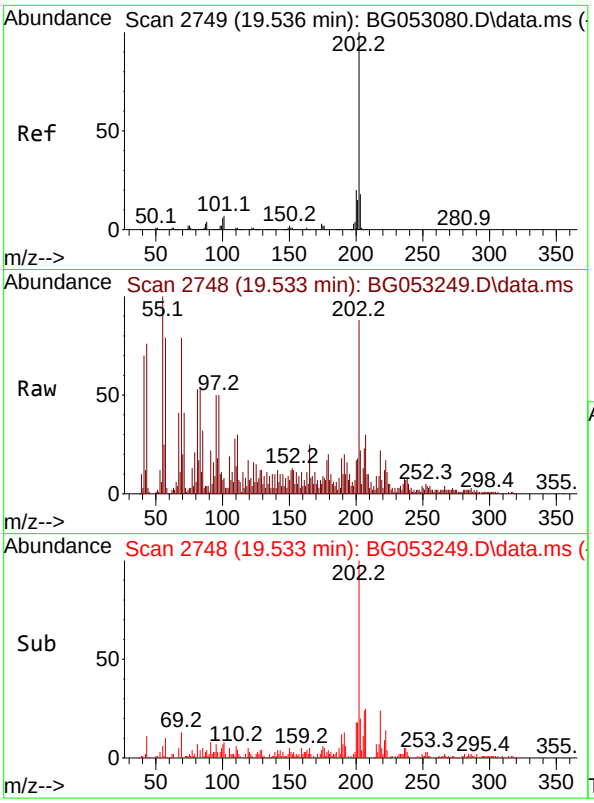


#72
Anthracene
Concen: 6.857 ng
RT: 17.524 min Scan# 2406
Delta R.T. -0.103 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:178 Resp: 68244

Ion	Ratio	Lower	Upper
178	100		
176	20.6	14.7	22.1
179	19.6	13.2	19.8



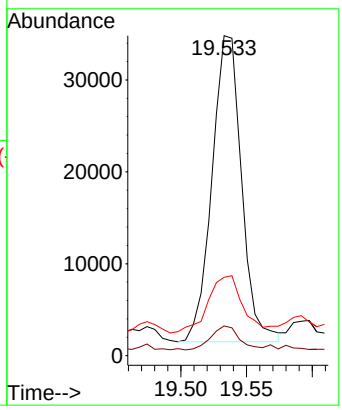


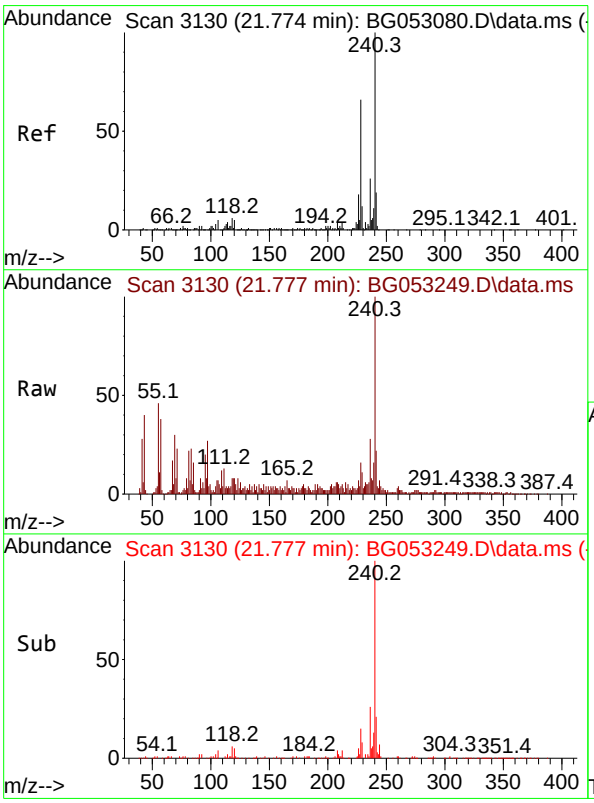
#75
Fluoranthene
Concen: 4.052 ng
RT: 19.533 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Tgt Ion:202 Resp: 52177

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	27.3
203	24.5	0.0	37.7

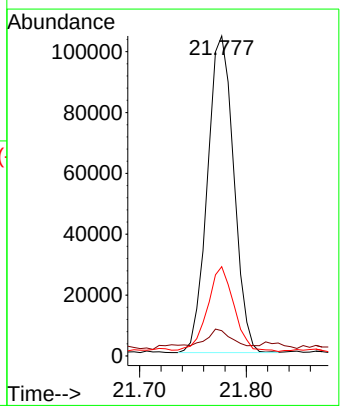


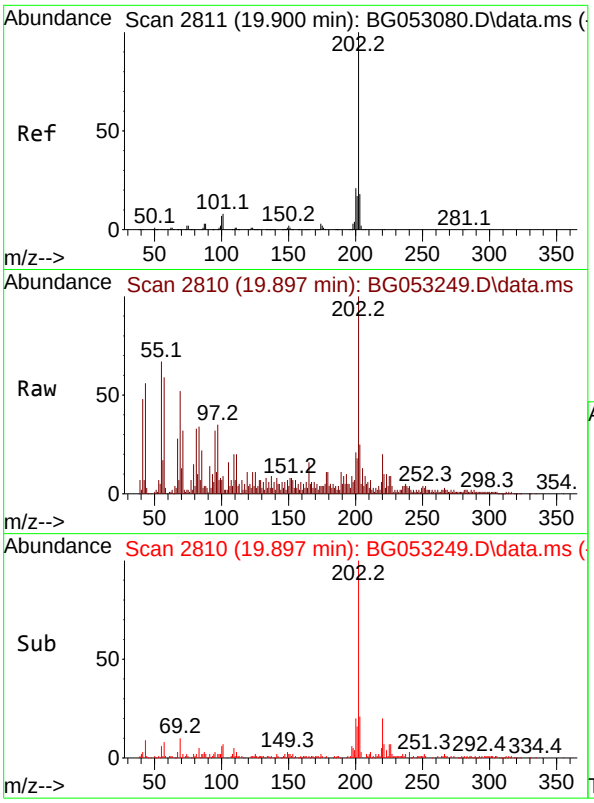


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.777 min Scan# 3130
Delta R.T. 0.003 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:240 Resp: 178563

Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.4	8.0
236	27.9	19.8	29.6



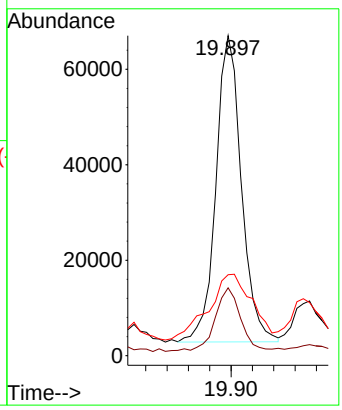


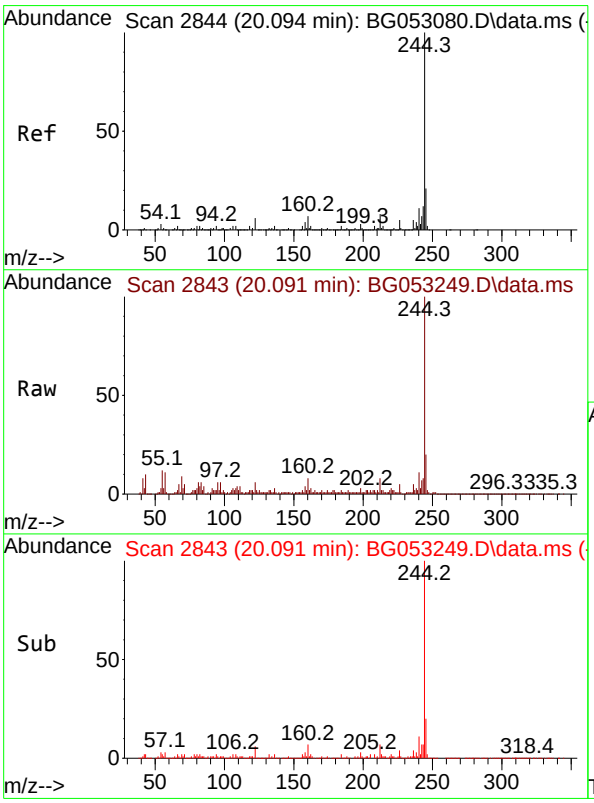
#78
Pyrene
Concen: 8.379 ng
RT: 19.897 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Tgt Ion:202 Resp: 106558

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	25.3	15.0	22.6#

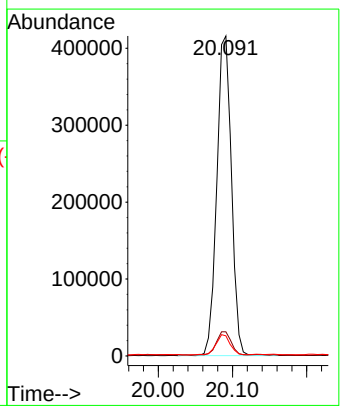


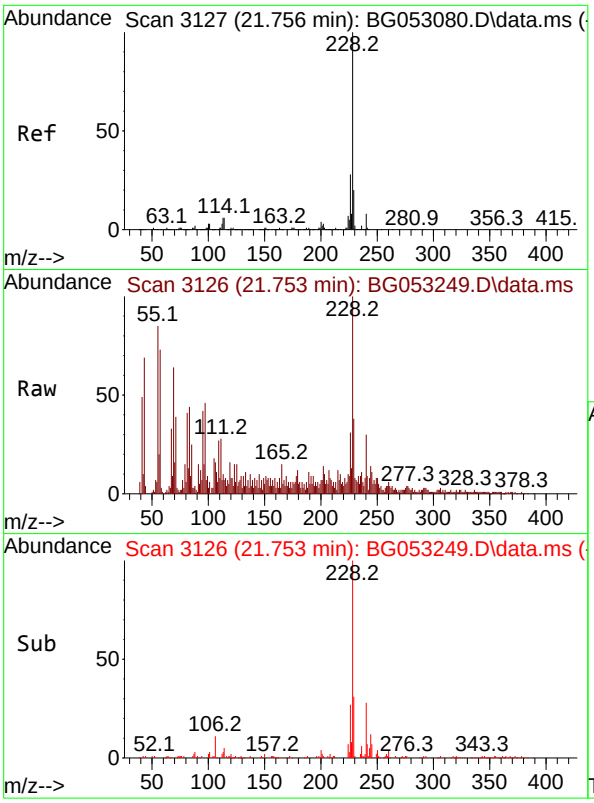


#79
Terphenyl-d14
Concen: 53.576 ng
RT: 20.091 min Scan# 2843
Delta R.T. -0.003 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:244 Resp: 566440

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



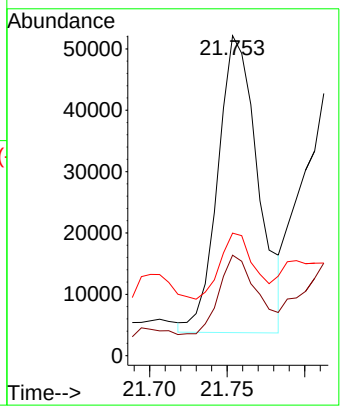


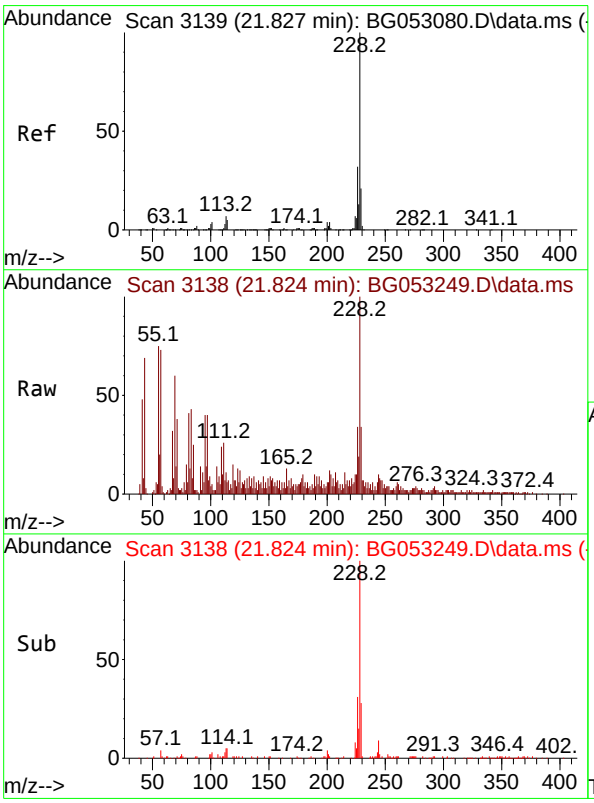
#81
Benzo(a)anthracene
Concen: 7.143 ng
RT: 21.753 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Tgt Ion:228 Resp: 87207

Ion	Ratio	Lower	Upper
228	100		
226	31.4	21.4	32.0
229	38.3	16.7	25.1#

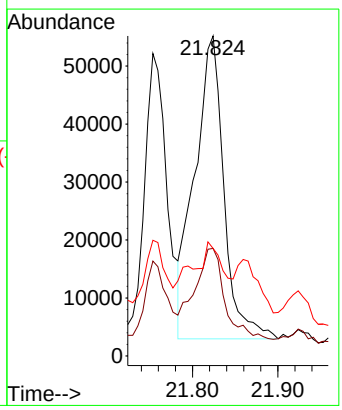


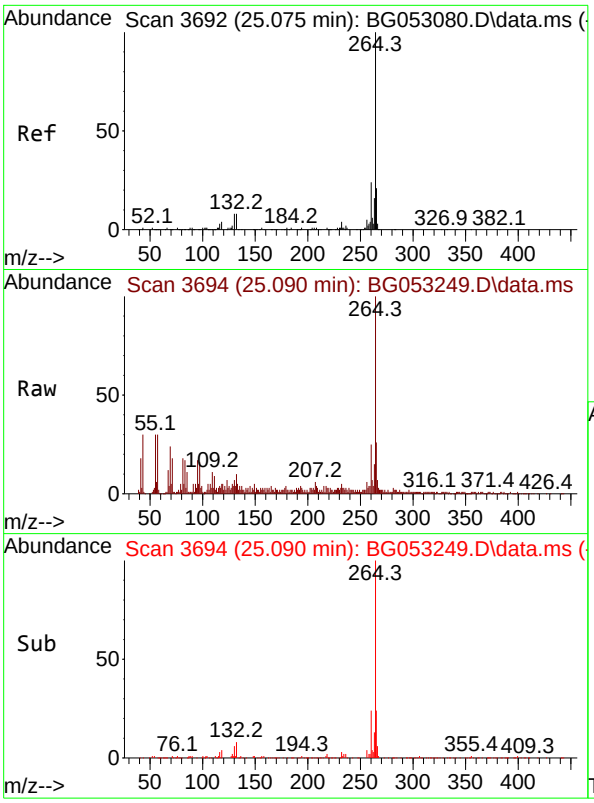


#83
Chrysene
Concen: 11.015 ng
RT: 21.824 min Scan# 3138
Delta R.T. -0.003 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:228 Resp: 124812

Ion	Ratio	Lower	Upper
228	100		
226	33.6	24.2	36.4
229	33.6	16.3	24.5#



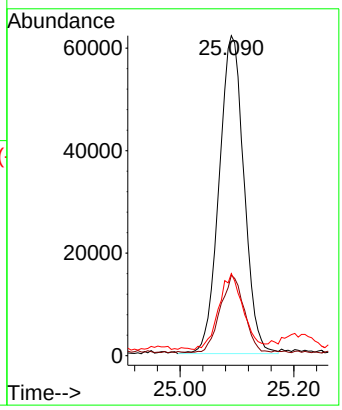


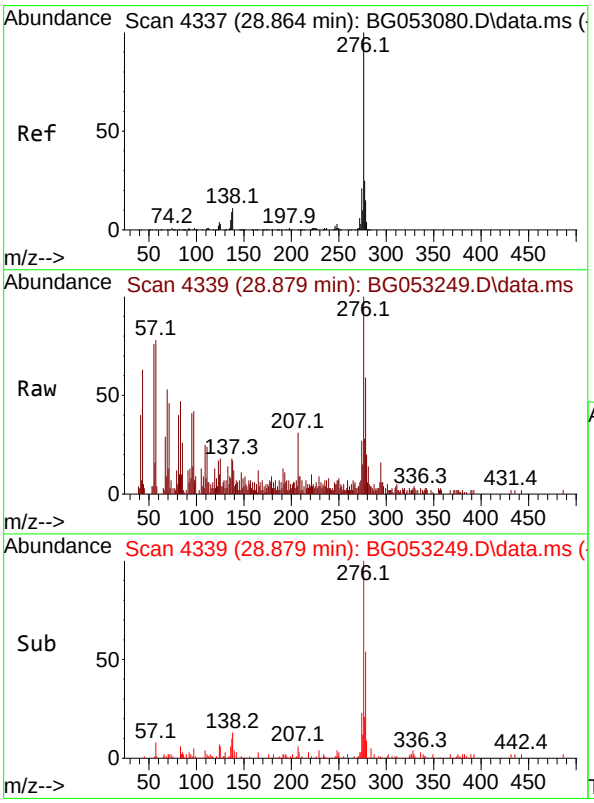
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.090 min Scan# 3
Delta R.T. 0.015 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Tgt Ion:264 Resp: 188343

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.2	27.2
265	25.7	15.1	22.7#

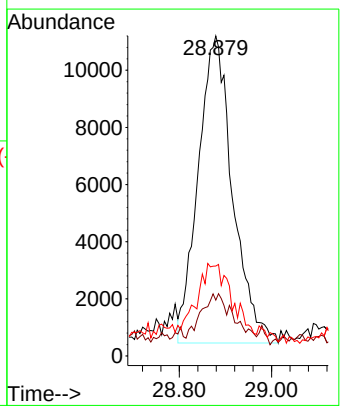


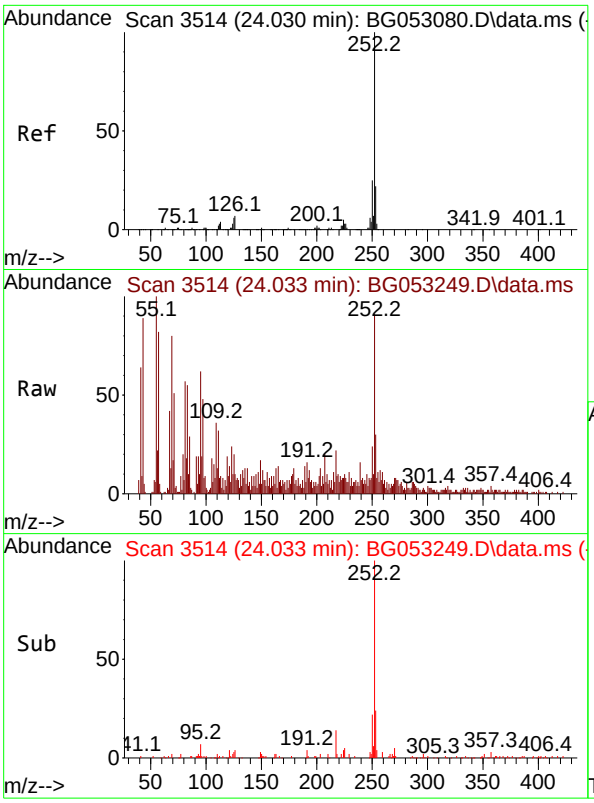


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.985 ng
RT: 28.879 min Scan# 4339
Delta R.T. 0.015 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:276 Resp: 55764

Ion	Ratio	Lower	Upper
276	100		
138	13.4	8.7	13.1#
277	0.0	20.2	30.4#



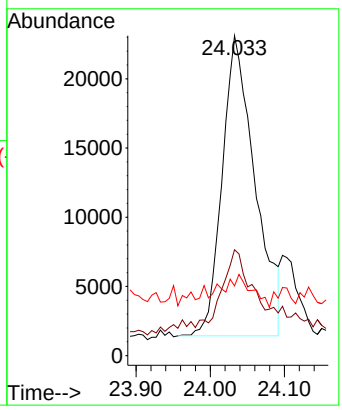


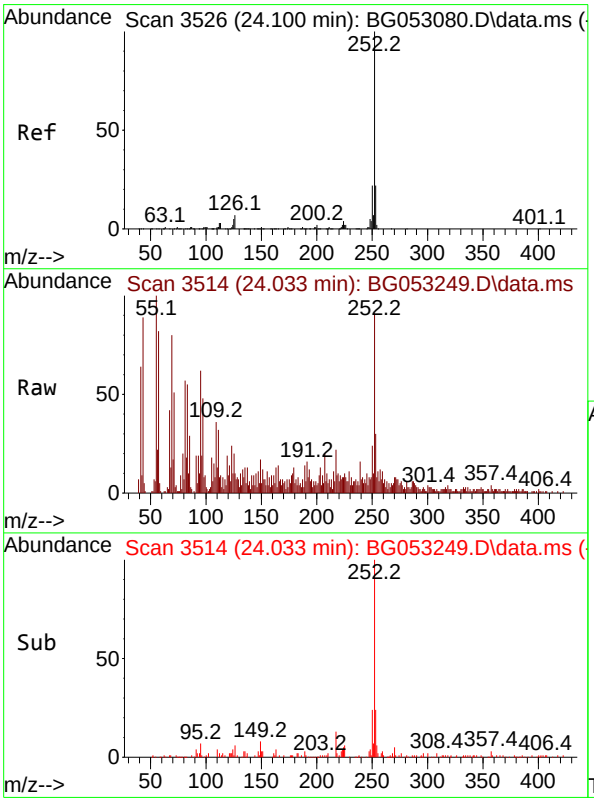
#88
Benzo(b)fluoranthene
Concen: 5.608 ng
RT: 24.033 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Tgt Ion:252 Resp: 66638

Ion	Ratio	Lower	Upper
252	100		
253	33.1	17.2	25.8#
125	21.8	5.2	7.8#

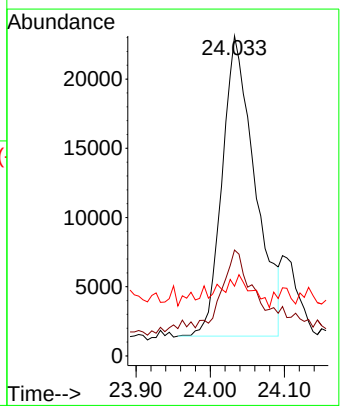


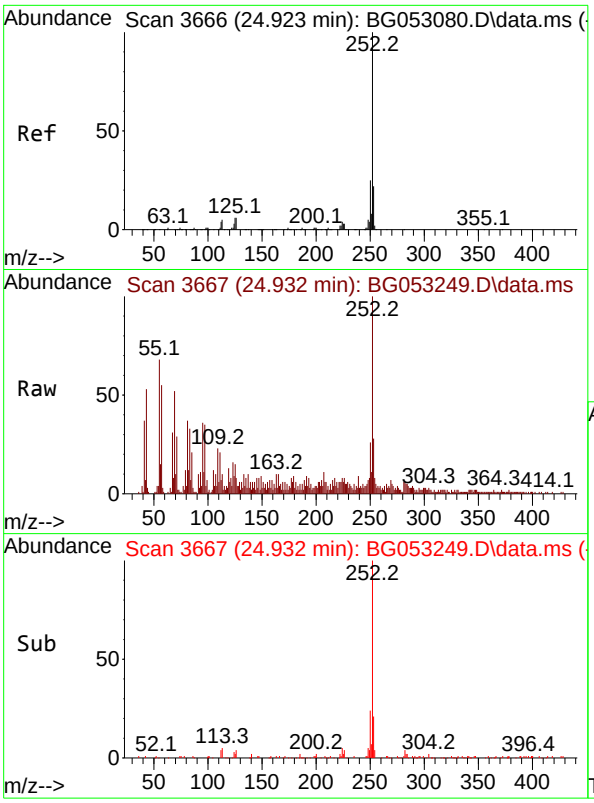


#89
Benzo(k)fluoranthene
Concen: 5.706 ng
RT: 24.033 min Scan# 3514
Delta R.T. -0.068 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:252 Resp: 66638

Ion	Ratio	Lower	Upper
252	100		
253	33.1	17.4	26.0#
125	21.8	5.0	7.4#



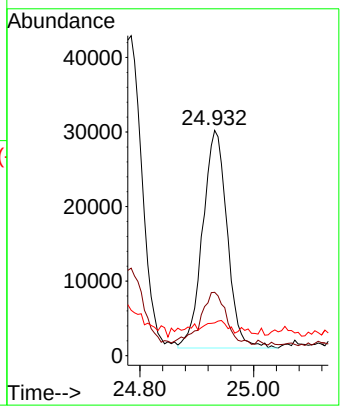


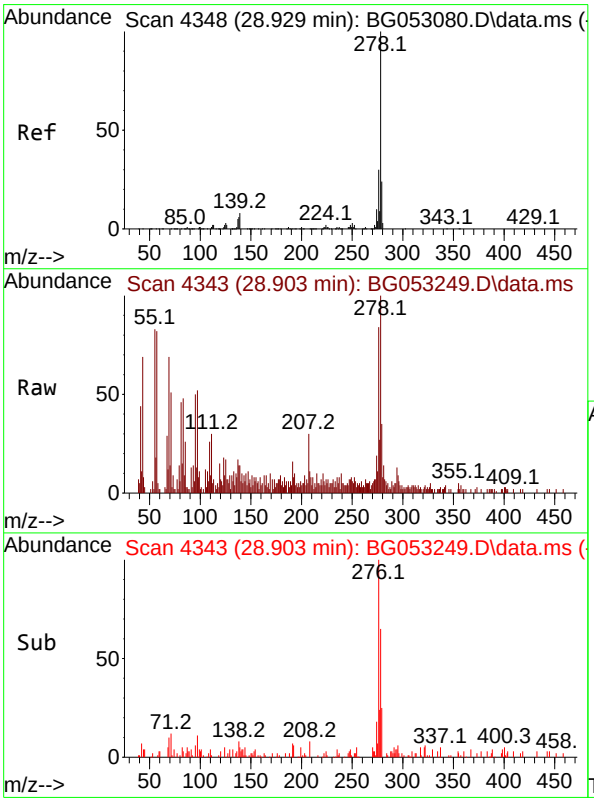
#90
Benzo(a)pyrene
Concen: 8.614 ng
RT: 24.932 min Scan# 3
Delta R.T. 0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Tgt Ion:252 Resp: 87201

Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.4	27.6#
125	14.6	5.6	8.4#

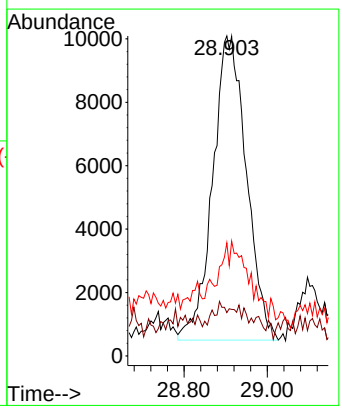


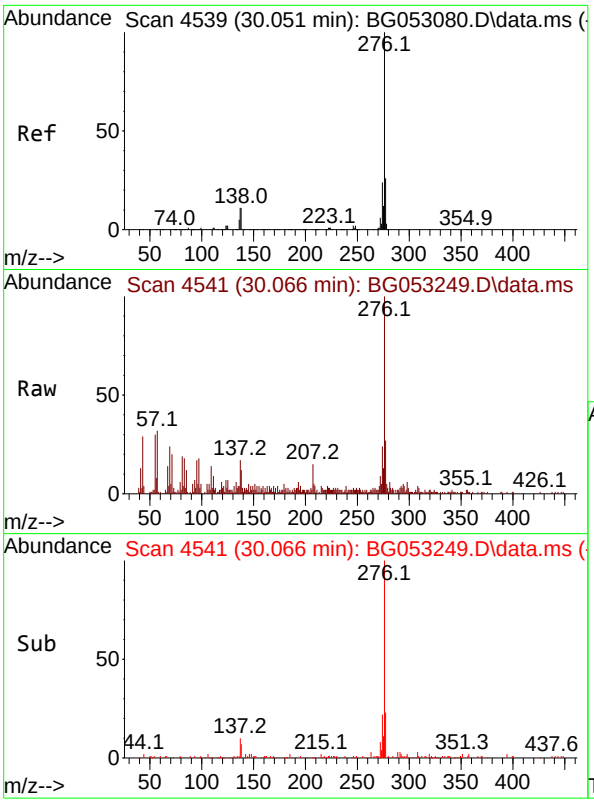


#91
Dibenzo(a,h)anthracene
Concen: 4.688 ng
RT: 28.903 min Scan# 4343
Delta R.T. -0.026 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:278 Resp: 53988

Ion	Ratio	Lower	Upper
278	100		
139	13.5	7.8	11.6#
279	35.3	18.5	27.7#





#92
Benzo(g,h,i)perylene
Concen: 8.676 ng
RT: 30.066 min Scan# 4
Delta R.T. 0.015 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Tgt Ion:276 Resp: 98480

Ion	Ratio	Lower	Upper
276	100		
277	27.0	18.2	27.2
138	12.0	9.1	13.7