Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053292.D
Acq On : 23 Apr 2022 14:26
Operator : CG/JU
Sample : N2514-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Quant Time: Apr 24 02:49:09 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

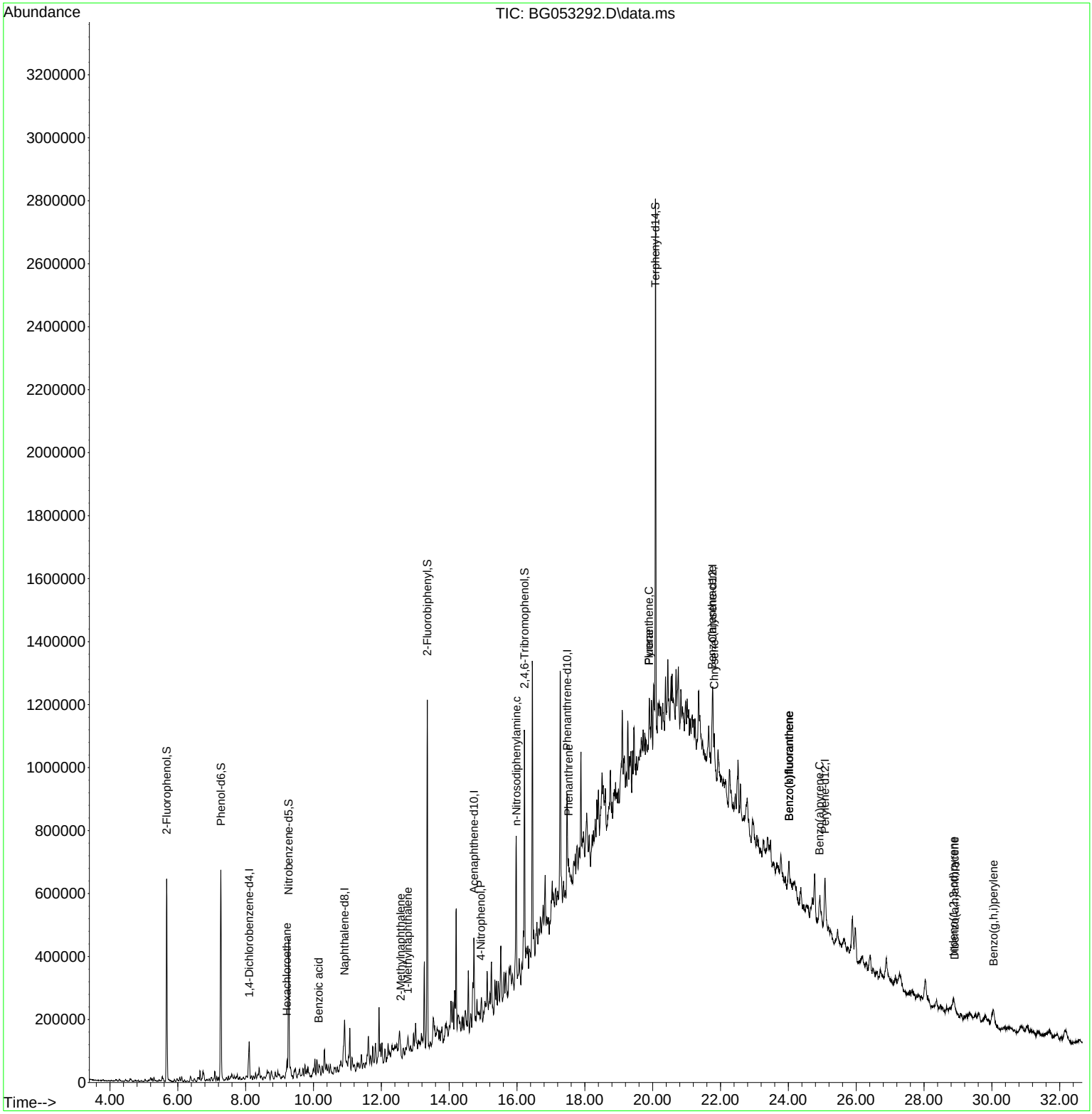
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	31068	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	119130	20.000	ng	# 0.00
39) Acenaphthene-d10	14.731	164	80025	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	155671	20.000	ng	# 0.00
76) Chrysene-d12	21.769	240	157526	20.000	ng	# 0.00
86) Perylene-d12	25.082	264	165917	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	262424	144.793	ng	0.00
7) Phenol-d6	7.271	99	377081	134.916	ng	0.00
23) Nitrobenzene-d5	9.268	82	277021	94.418	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	155320	121.995	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	567361	97.762	ng	0.00
79) Terphenyl-d14	20.083	244	849489	91.077	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.221	117	2943	3.386	ng	# 1
32) Benzoic acid	10.155	122	150	3.754	ng	# 1
37) 2-Methylnaphthalene	12.569	142	18554	3.945	ng	# 95
38) 1-Methylnaphthalene	12.781	142	17817	3.881	ng	# 96
56) 4-Nitrophenol	14.937	139	3188	2.960	ng	# 1
66) n-Nitrosodiphenylamine	15.982	169	15459	3.453	ng	# 47
71) Phenanthrene	17.522	178	43854	5.157	ng	# 88
75) Fluoranthene	19.895	202	62194	5.706	ng	71
78) Pyrene	19.895	202	62194	5.544	ng	# 82
81) Benzo(a)anthracene	21.751	228	77076	7.156	ng	# 80
83) Chrysene	21.816	228	102738	10.278	ng	# 84
87) Indeno(1,2,3-cd)pyrene	28.871	276	57279	4.647	ng	# 56
88) Benzo(b)fluoranthene	24.025	252	73208	6.993	ng	# 73
89) Benzo(k)fluoranthene	24.025	252	73208	7.116	ng	# 74
90) Benzo(a)pyrene	24.923	252	106412	11.932	ng	# 89
91) Dibenzo(a,h)anthracene	28.906	278	60975	6.010	ng	# 85
92) Benzo(g,h,i)perylene	30.052	276	113908	11.391	ng	96

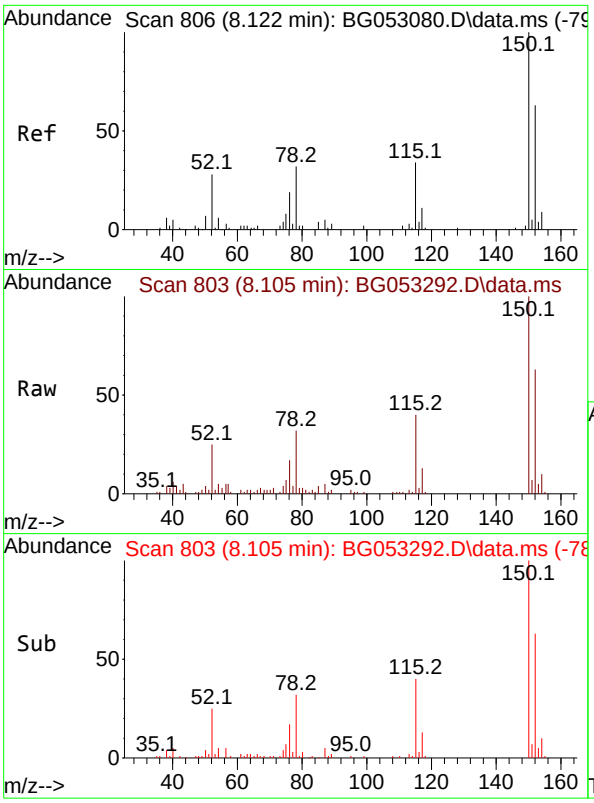
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053292.D
Acq On : 23 Apr 2022 14:26
Operator : CG/JU
Sample : N2514-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Quant Time: Apr 24 02:49:09 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



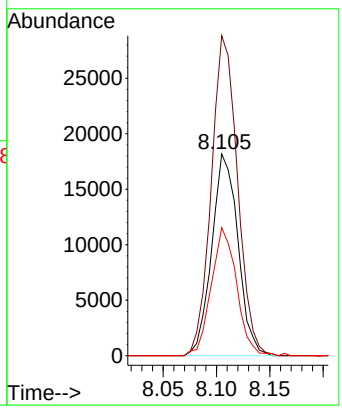


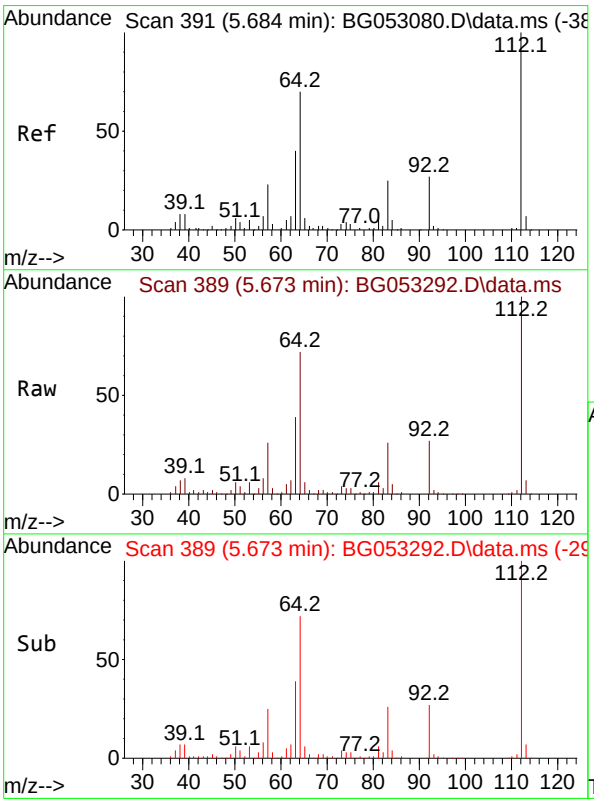
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 8(
Delta R.T. -0.008 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Tgt Ion:152 Resp: 31068

Ion	Ratio	Lower	Upper
152	100		
150	158.6	114.6	172.0
115	63.4	45.9	68.9

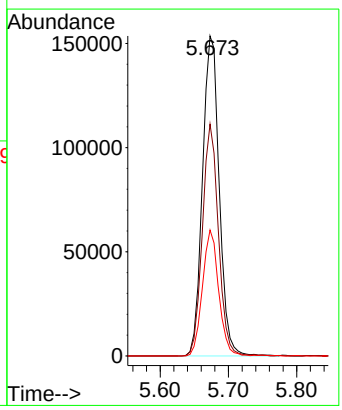


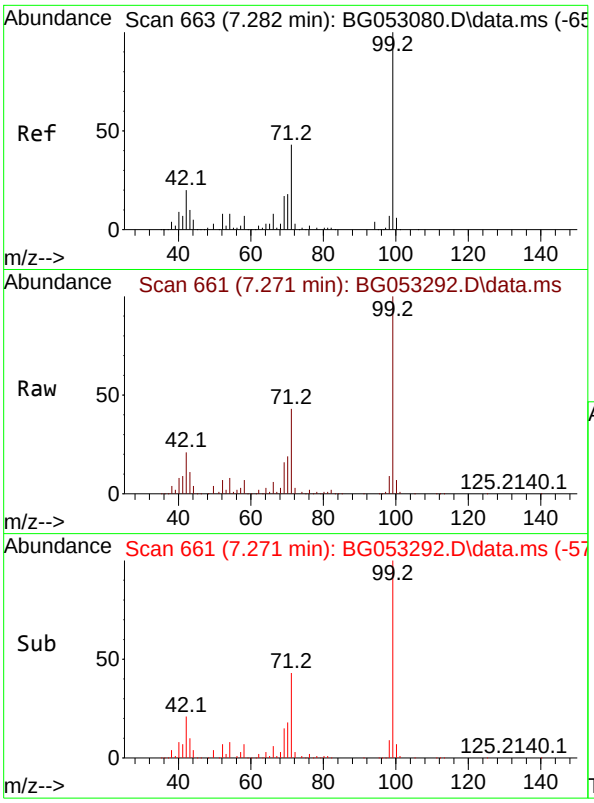


#5
2-Fluorophenol
Concen: 144.793 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Tgt Ion:112 Resp: 262424

Ion	Ratio	Lower	Upper
112	100		
64	72.5	48.0	72.0#
63	39.4	26.5	39.7



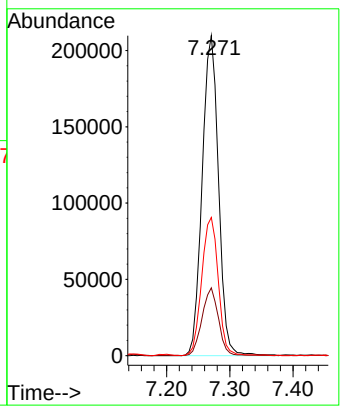


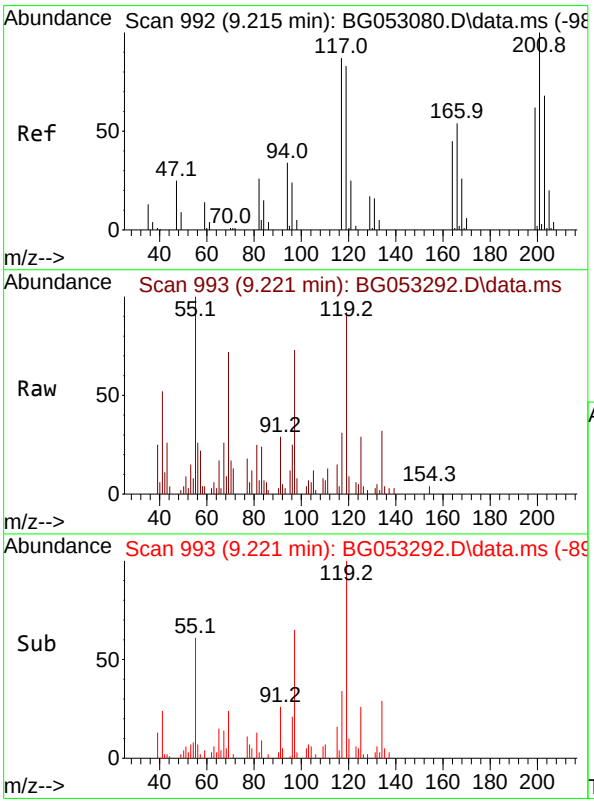
#7
Phenol-d6
Concen: 134.916 ng
RT: 7.271 min Scan# 6
Delta R.T. -0.003 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Tgt Ion: 99 Resp: 377081

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.7	22.1
71	43.2	29.2	43.8

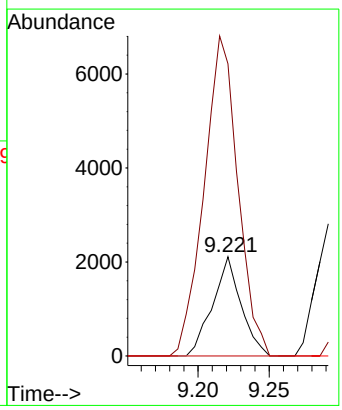


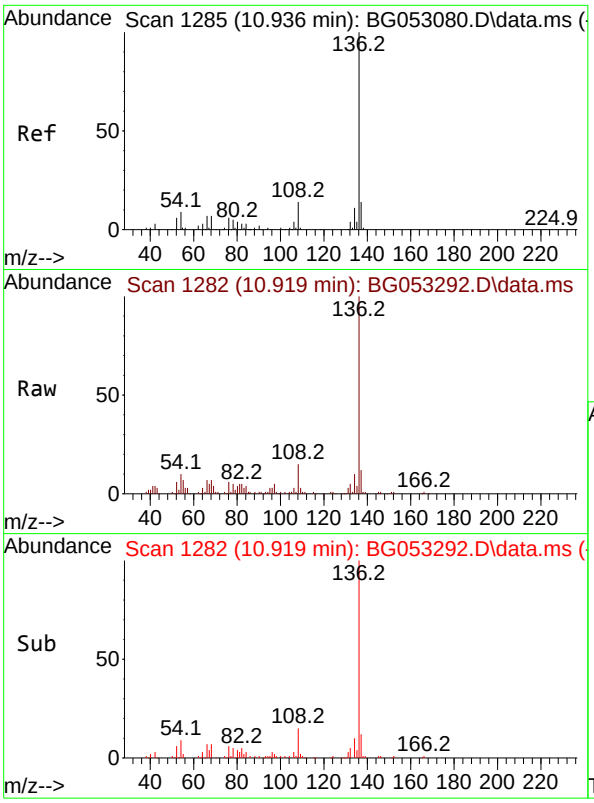


#18
Hexachloroethane
Concen: 3.386 ng
RT: 9.221 min Scan# 993
Delta R.T. 0.021 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Tgt Ion:117 Resp: 2943

Ion	Ratio	Lower	Upper
117	100		
119	294.5	75.1	112.7#
201	0.0	96.6	145.0#



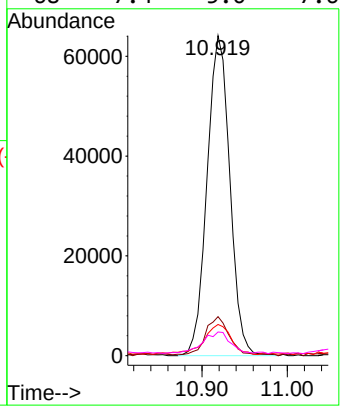


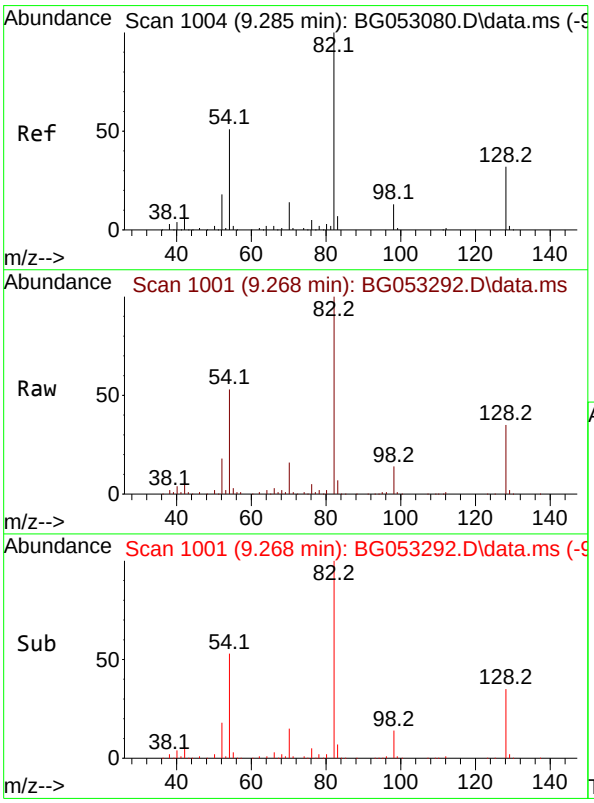
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.919 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Tgt Ion:136 Resp: 119130

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.4	14.2
54	9.7	6.4	9.6#
68	7.4	5.0	7.6

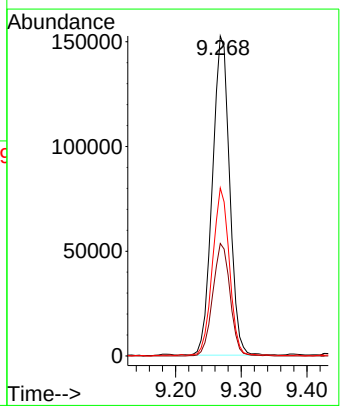


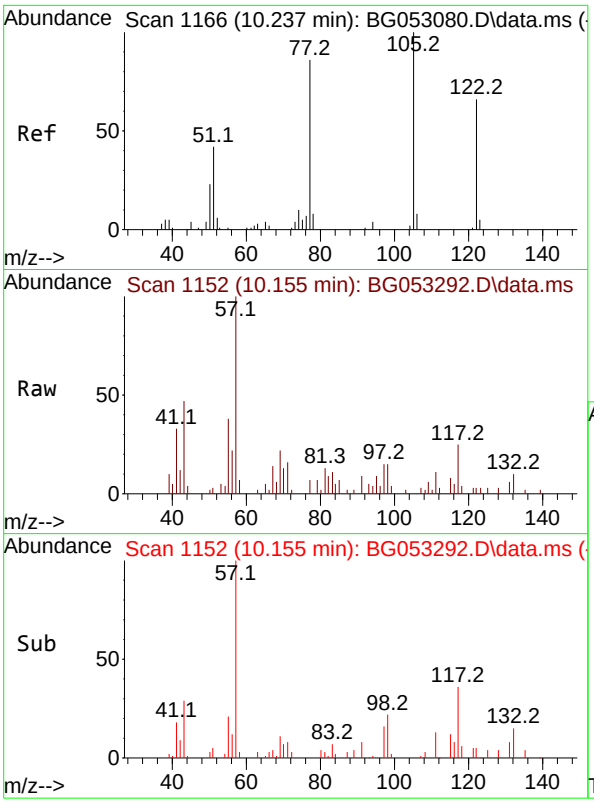


#23
Nitrobenzene-d5
Concen: 94.418 ng
RT: 9.268 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Tgt Ion: 82 Resp: 277021

Ion	Ratio	Lower	Upper
82	100		
128	35.1	31.3	46.9
54	52.5	37.8	56.8



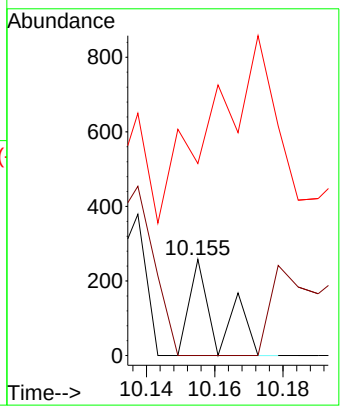


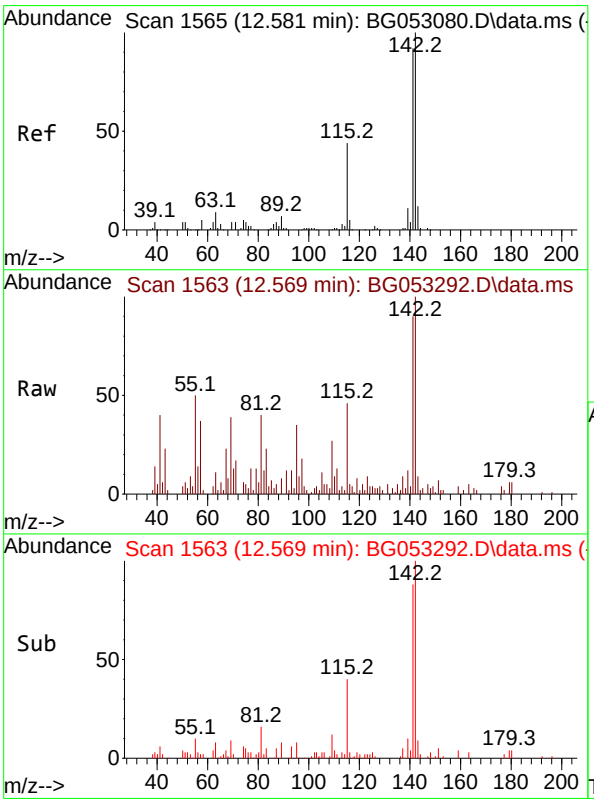
#32
Benzoic acid
Concen: 3.754 ng
RT: 10.155 min Scan# 11
Delta R.T. -0.079 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Tgt Ion:122 Resp: 150

Ion	Ratio	Lower	Upper
122	100		
105	0.0	112.8	152.8#
77	199.6	78.4	118.4#

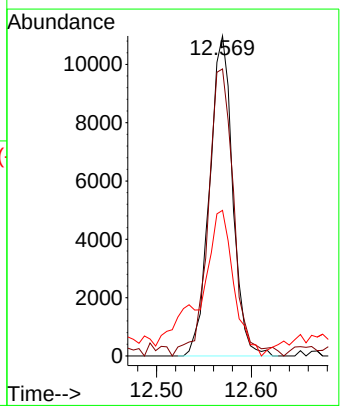


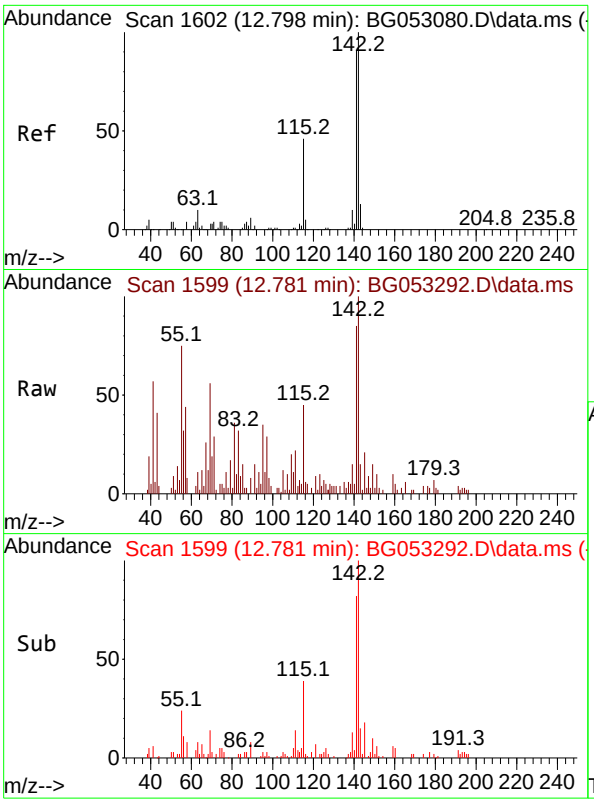


#37
2-Methylnaphthalene
Concen: 3.945 ng
RT: 12.569 min Scan# 1563
Delta R.T. -0.003 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Tgt Ion:142 Resp: 18554

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	45.5	29.5	44.3#





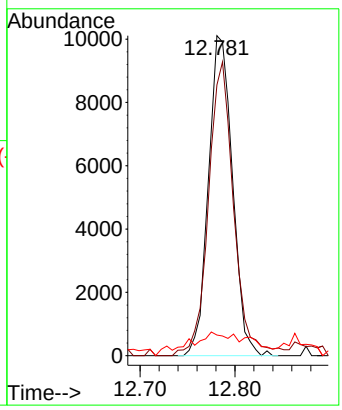
#38
1-Methylnaphthalene
Concen: 3.881 ng
RT: 12.781 min Scan# 1

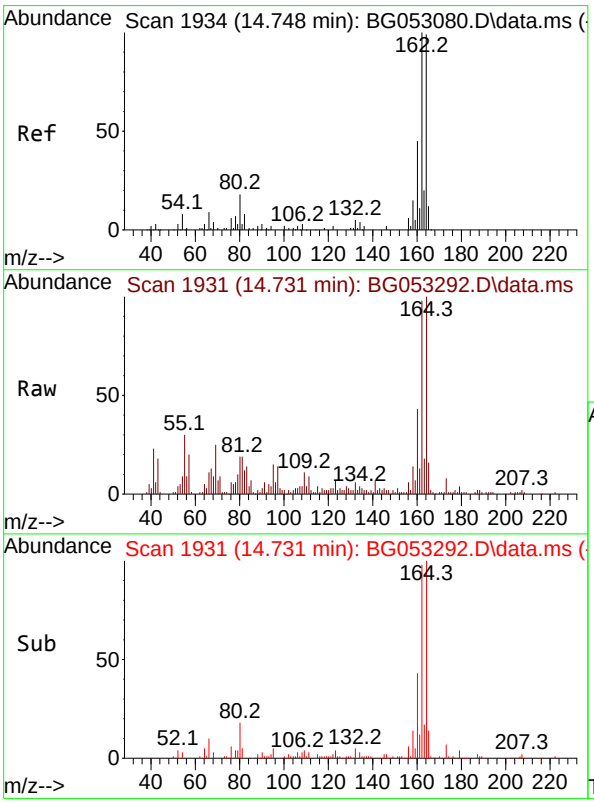
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Delta R.T. -0.009 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Tgt Ion:142 Resp: 17817

Ion	Ratio	Lower	Upper
142	100		
141	84.6	70.5	105.7
116	6.4	3.1	4.7#

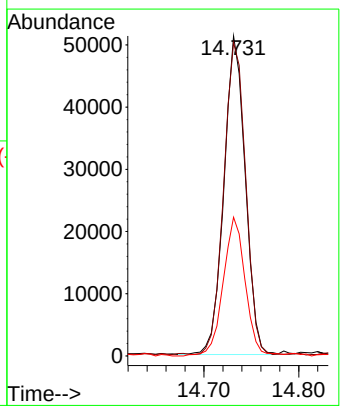


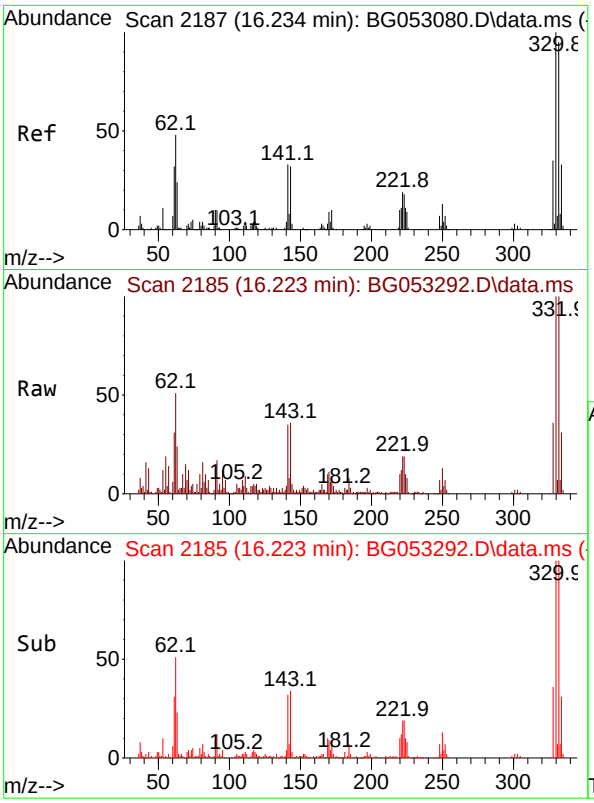


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Tgt Ion:164 Resp: 80025

Ion	Ratio	Lower	Upper
164	100		
162	98.0	80.0	120.0
160	43.4	38.8	58.2



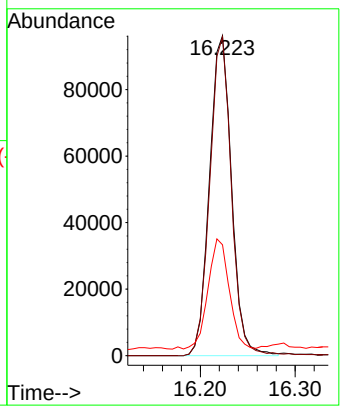


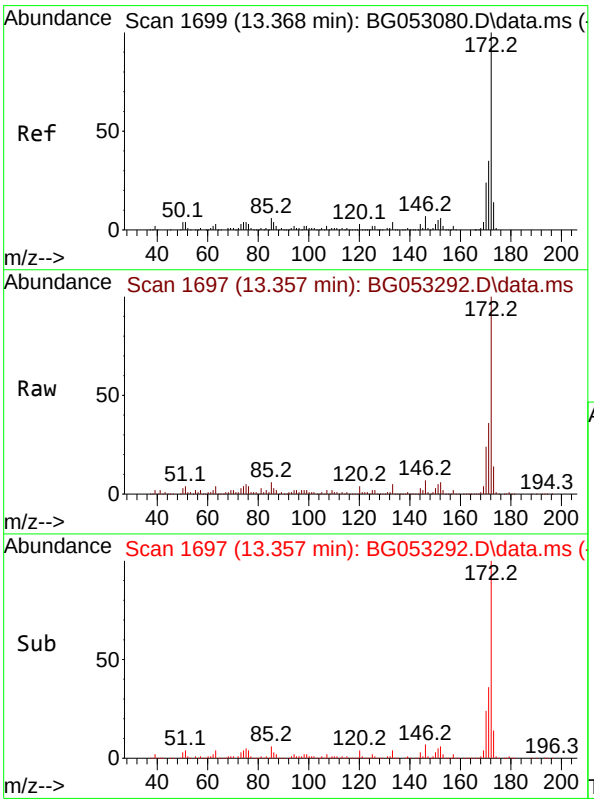
#42
2,4,6-Tribromophenol
Concen: 121.995 ng
RT: 16.223 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Tgt Ion:330 Resp: 155320

Ion	Ratio	Lower	Upper
330	100		
332	98.1	75.8	113.6
141	33.3	24.6	36.8

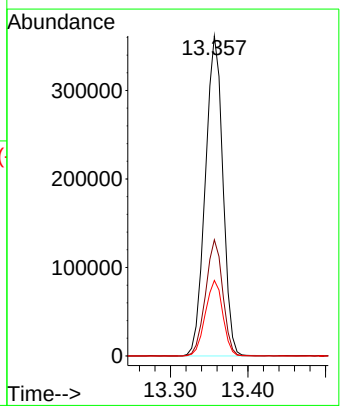


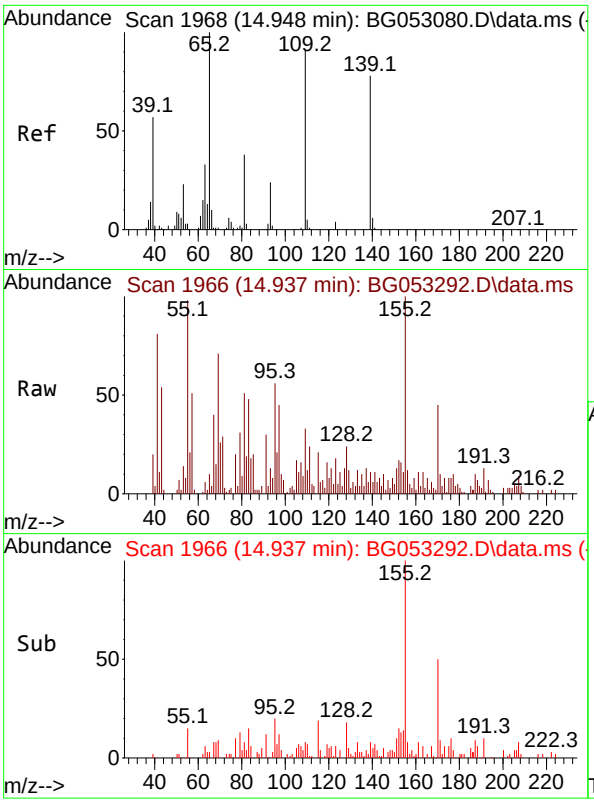


#45
2-Fluorobiphenyl
Concen: 97.762 ng
RT: 13.357 min Scan# 1697
Delta R.T. -0.003 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Tgt Ion:172 Resp: 567361

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.3	42.5
170	23.6	18.0	27.0



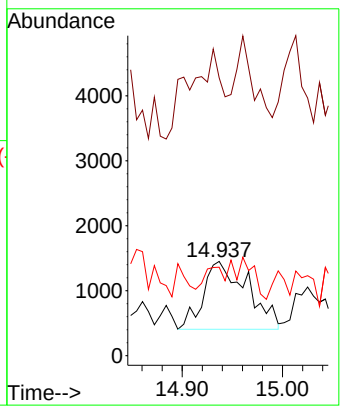


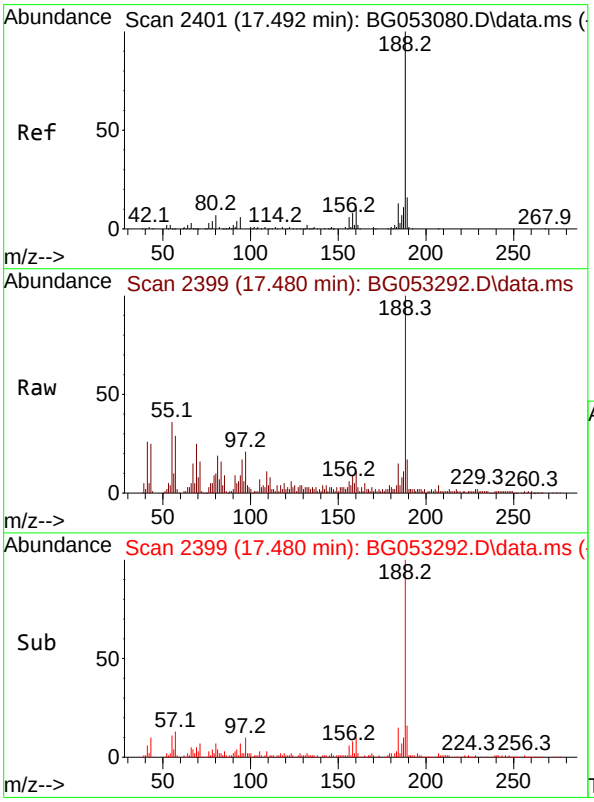
#56
4-Nitrophenol
Concen: 2.960 ng
RT: 14.937 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Tgt Ion:139 Resp: 3188

Ion	Ratio	Lower	Upper
139	100		
109	295.0	67.1	107.1#
65	93.9	88.2	128.2

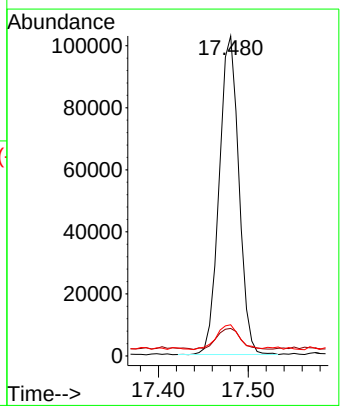


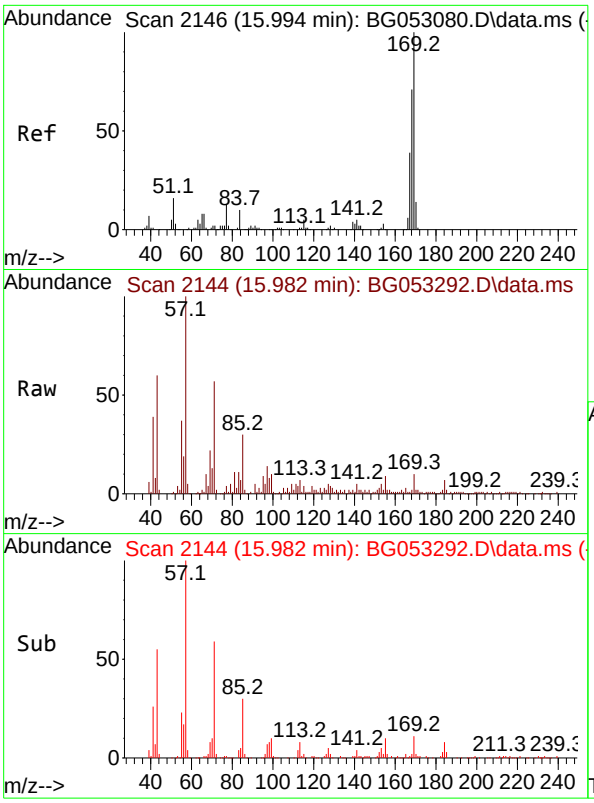


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2399
Delta R.T. -0.003 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Tgt Ion:188 Resp: 155671

Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.7	8.5#
80	9.7	7.2	10.8



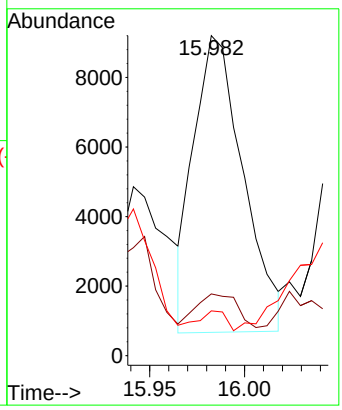


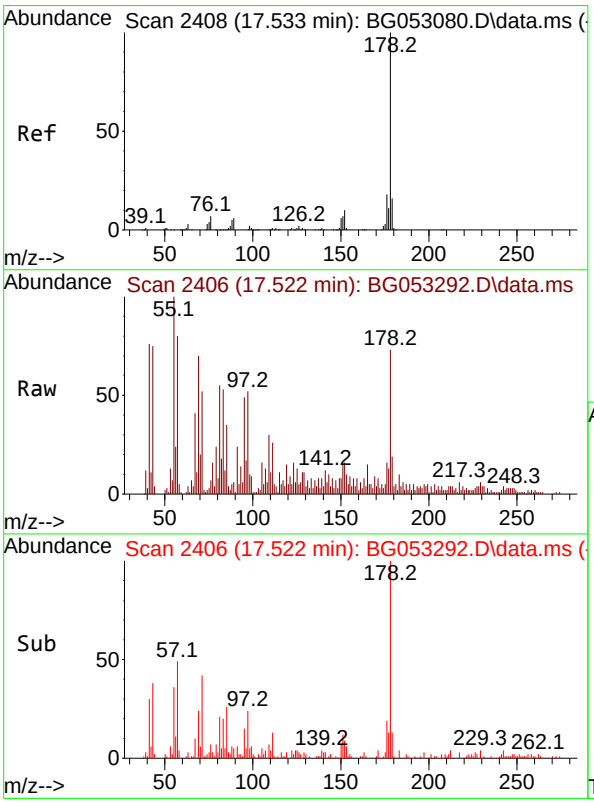
#66
n-Nitrosodiphenylamine
Concen: 3.453 ng
RT: 15.982 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Tgt Ion:169 Resp: 15459

Ion	Ratio	Lower	Upper
169	100		
168	19.3	54.5	81.7#
167	14.0	29.6	44.4#

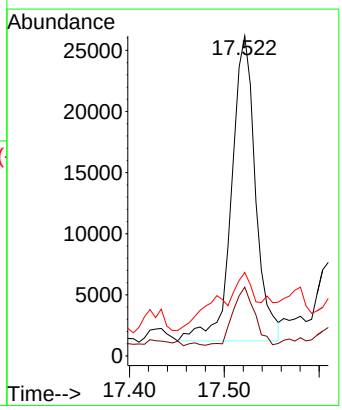


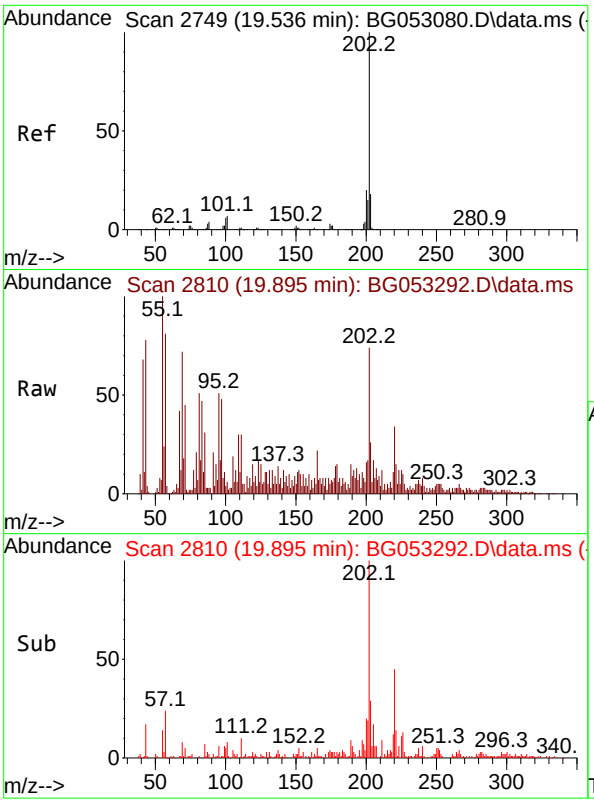


#71
Phenanthrene
Concen: 5.157 ng
RT: 17.522 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Tgt Ion:178 Resp: 43854

Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.9	23.9
179	26.1	13.4	20.2#



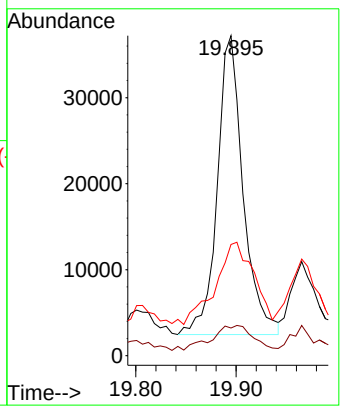


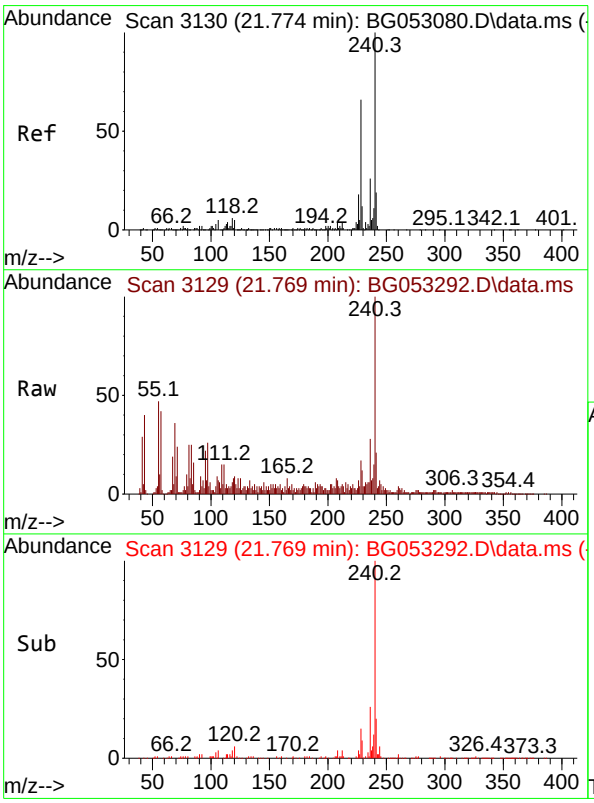
#75
Fluoranthene
Concen: 5.706 ng
RT: 19.895 min Scan# 2
Delta R.T. 0.367 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Tgt Ion:202 Resp: 62194

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	27.3
203	34.7	0.0	37.7

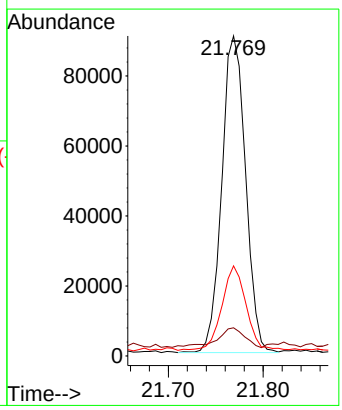


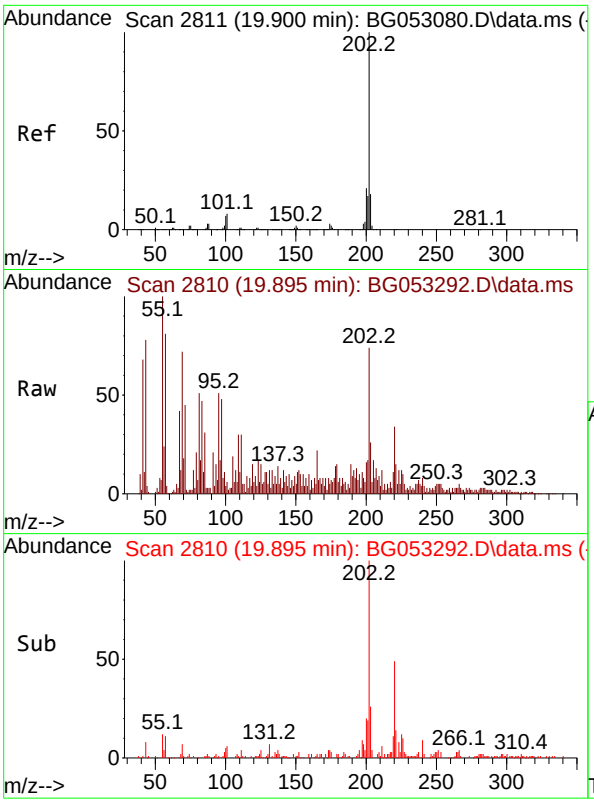


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3129
Delta R.T. 0.003 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Tgt Ion:240 Resp: 157526

Ion	Ratio	Lower	Upper
240	100		
120	8.8	5.4	8.0#
236	28.1	19.8	29.6



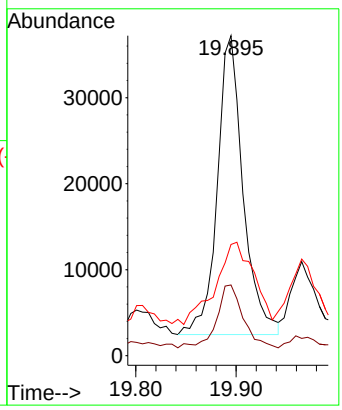


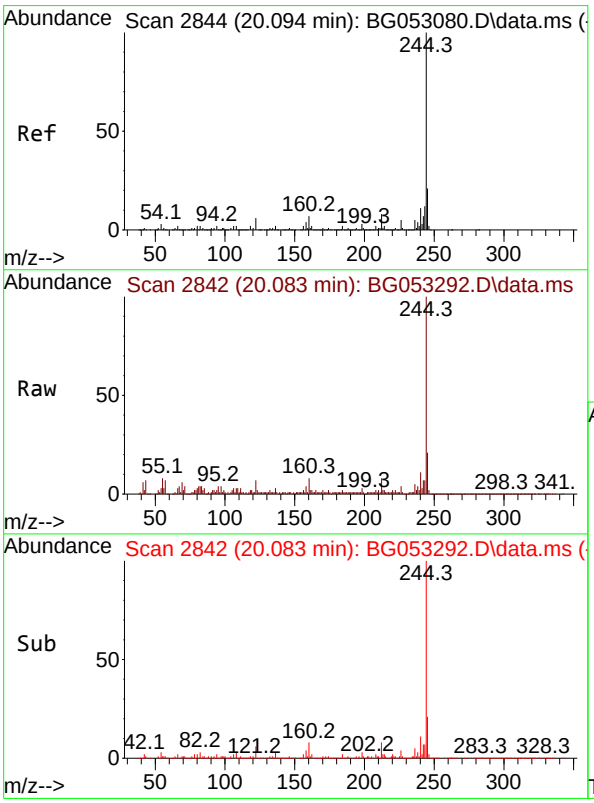
#78
Pyrene
Concen: 5.544 ng
RT: 19.895 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Tgt Ion:202 Resp: 62194

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.0	25.6
203	34.7	15.0	22.6#

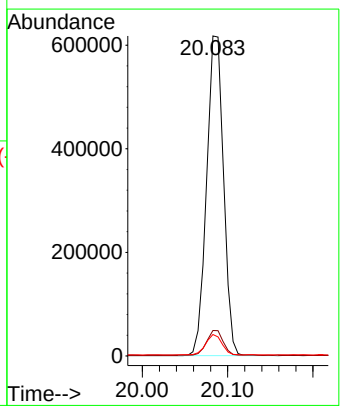


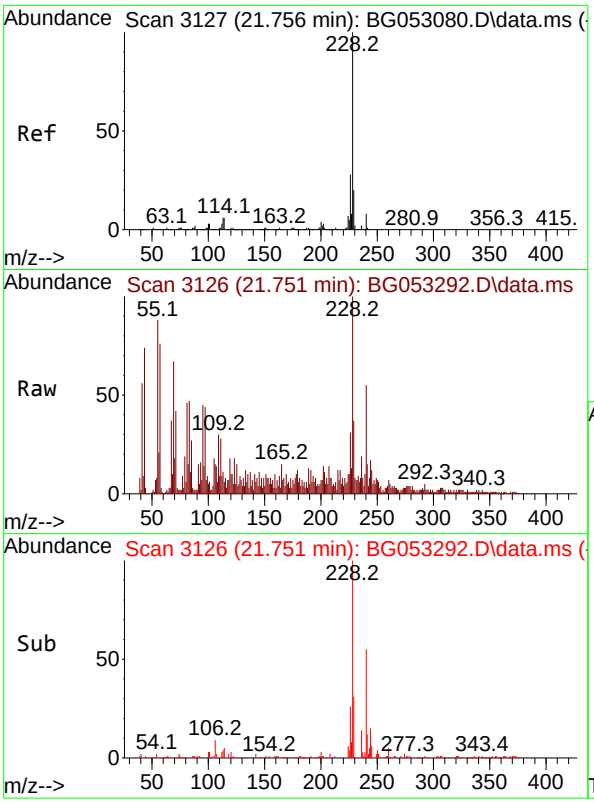


#79
Terphenyl-d14
Concen: 91.077 ng
RT: 20.083 min Scan# 2842
Delta R.T. -0.003 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Tgt Ion:244 Resp: 849489

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.4	8.2
122	6.7	5.8	8.6



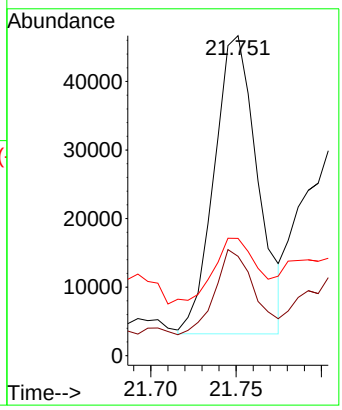


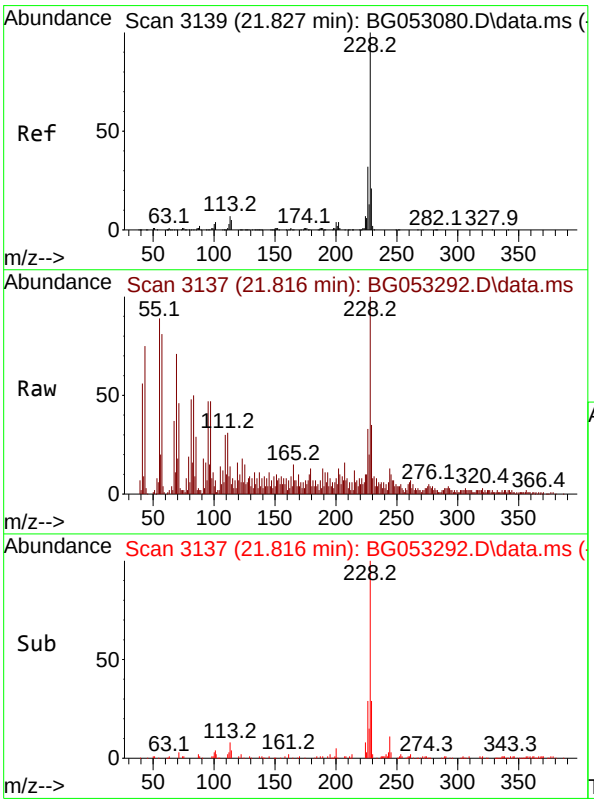
#81
Benzo(a)anthracene
Concen: 7.156 ng
RT: 21.751 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Tgt Ion:228 Resp: 77076

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.4	32.0
229	36.7	16.7	25.1#

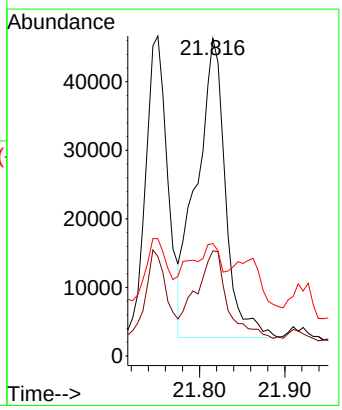


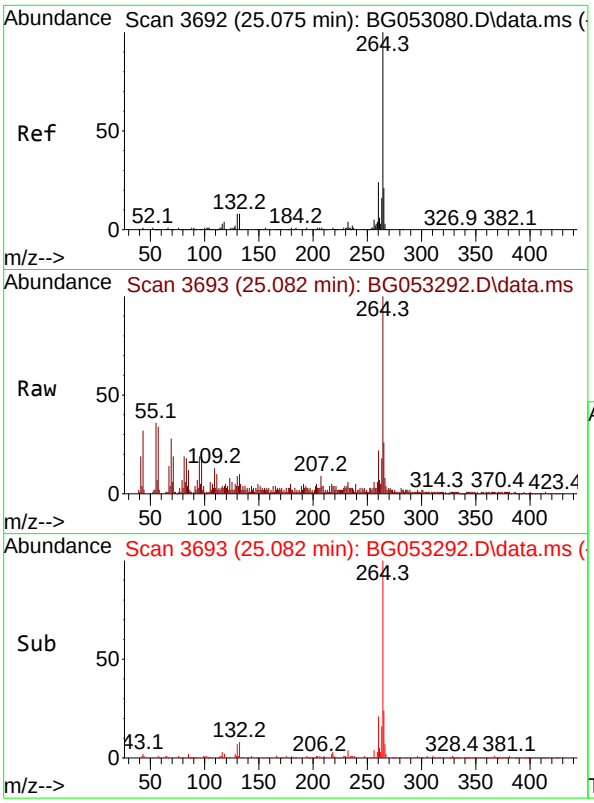


#83
Chrysene
Concen: 10.278 ng
RT: 21.816 min Scan# 3137
Delta R.T. 0.003 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Tgt Ion:228 Resp: 102738

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.2	36.4
229	35.4	16.3	24.5#



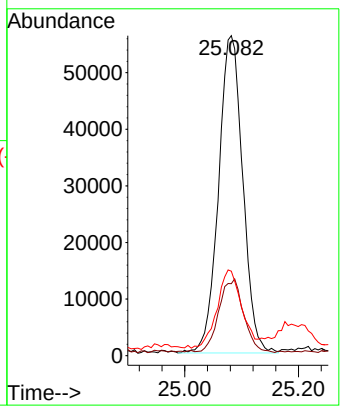


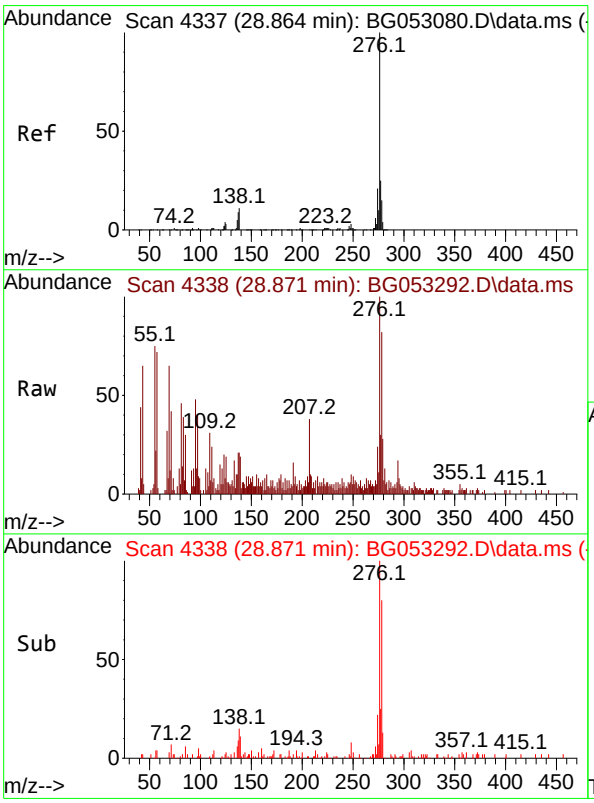
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.082 min Scan# 3
Delta R.T. 0.021 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Tgt Ion:264 Resp: 165917

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.2
265	26.4	15.1	22.7#

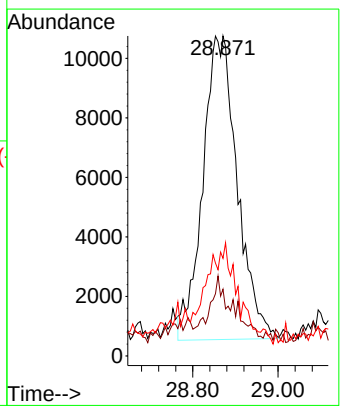


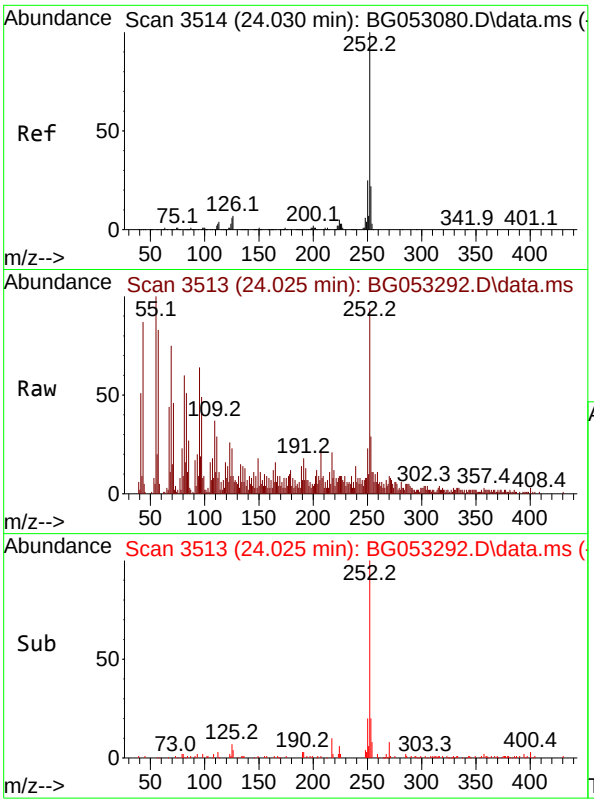


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.647 ng
RT: 28.871 min Scan# 4338
Delta R.T. 0.021 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Tgt Ion:276 Resp: 57279

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



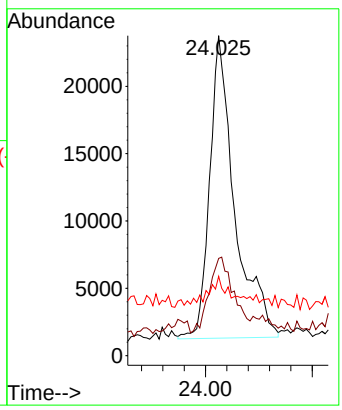


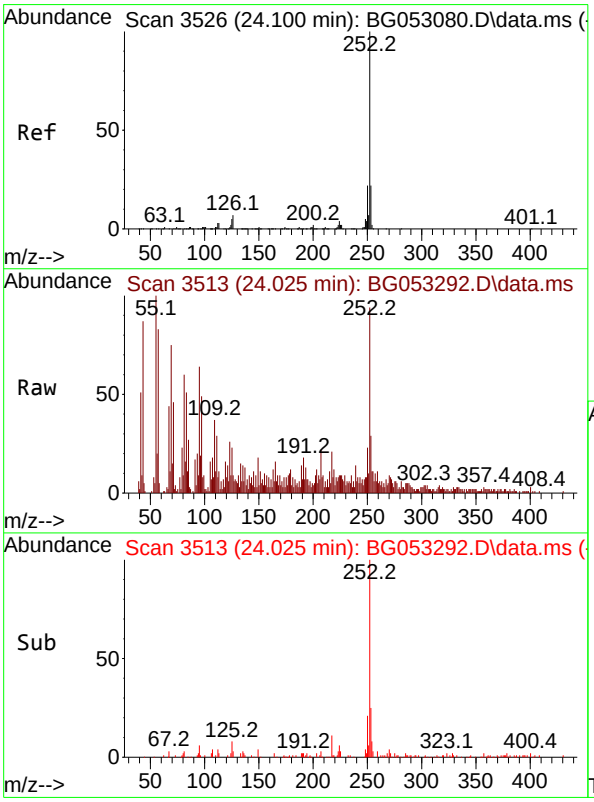
#88
Benzo(b)fluoranthene
Concen: 6.993 ng
RT: 24.025 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Tgt Ion:252 Resp: 73208

Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.2	25.8#
125	24.8	5.2	7.8#

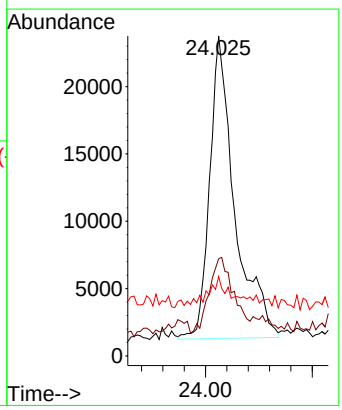


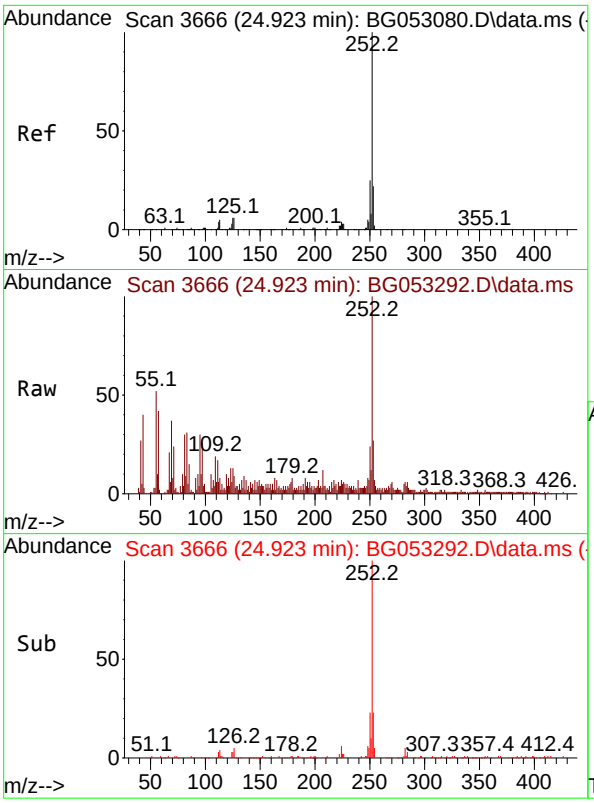


#89
Benzo(k)fluoranthene
Concen: 7.116 ng
RT: 24.025 min Scan# 3513
Delta R.T. -0.061 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Tgt Ion:252 Resp: 73208

Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.4	26.0#
125	24.8	5.0	7.4#



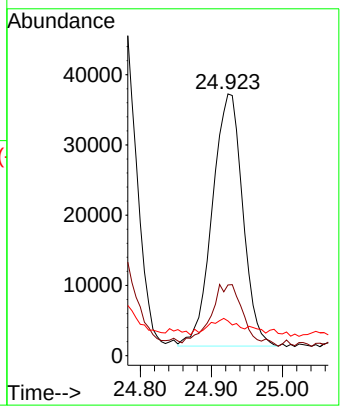


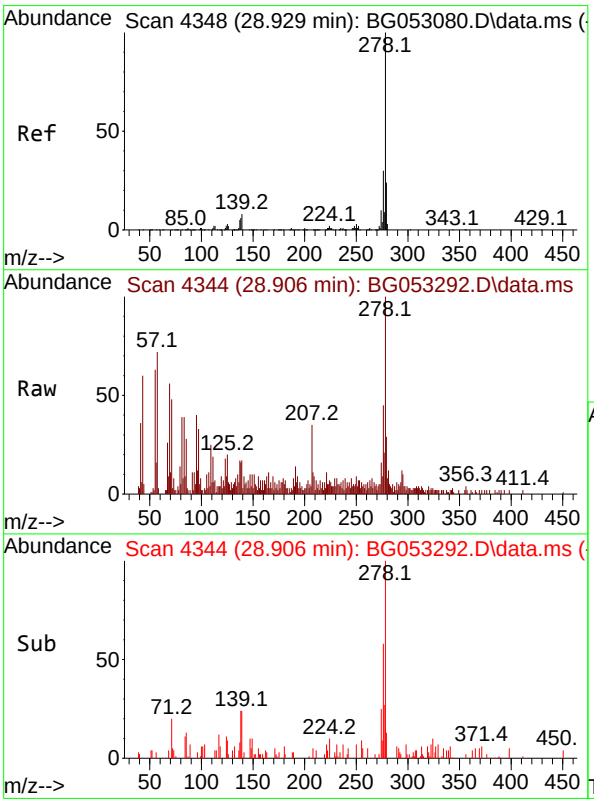
#90
Benzo(a)pyrene
Concen: 11.932 ng
RT: 24.923 min Scan# 3
Delta R.T. 0.009 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Tgt Ion:252 Resp: 106412

Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.4	27.6
125	13.3	5.6	8.4#

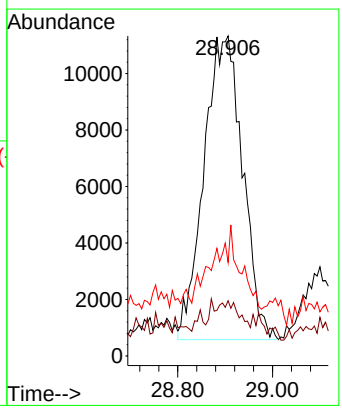


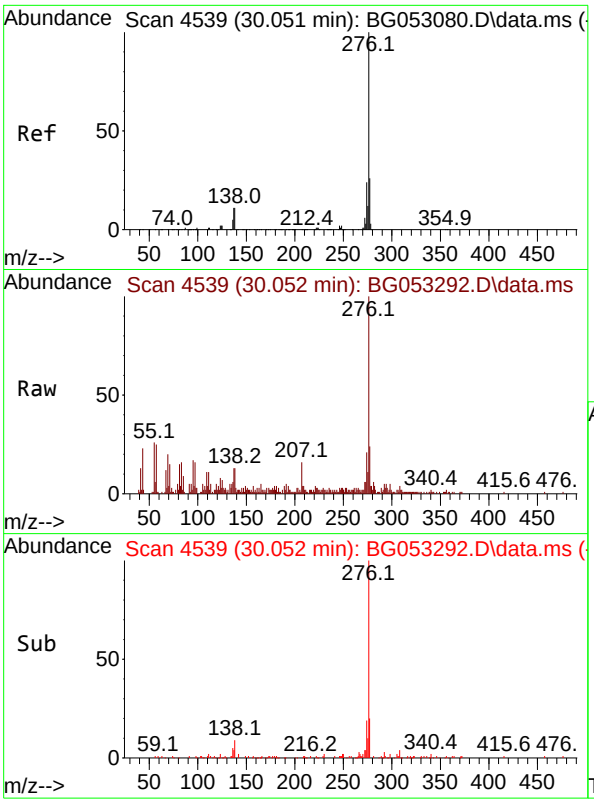


#91
Dibenzo(a,h)anthracene
Concen: 6.010 ng
RT: 28.906 min Scan# 4344
Delta R.T. 0.003 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Tgt Ion:278 Resp: 60975

Ion	Ratio	Lower	Upper
278	100		
139	17.3	7.8	11.6#
279	29.3	18.5	27.7#





#92
Benzo(g,h,i)perylene
Concen: 11.391 ng
RT: 30.052 min Scan# 4
Delta R.T. 0.015 min
Lab File: BG053292.D
Acq: 23 Apr 2022 14:26

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-6

Tgt Ion:276 Resp: 113908

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.2	27.2
138	13.4	9.1	13.7