Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
Acq On : 21 Apr 2022 21:24
Operator : CG/JU
Sample : N2480-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

Quant Time: Apr 22 02:58:00 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	8.119	152	34465	20.000	ng	0.00
21) Naphthalene-d8	10.927	136	135386	20.000	ng	# 0.00
39) Acenaphthene-d10	14.739	164	89247	20.000	ng	0.00
64) Phenanthrene-d10	17.488	188	180629	20.000	ng	0.00
76) Chrysene-d12	21.777	240	179123	20.000	ng	0.00
86) Perylene-d12	25.090	264	190408	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	195682	97.326	ng	0.00
7) Phenol-d6	7.273	99	289139	93.255	ng	0.00
23) Nitrobenzene-d5	9.276	82	213131	63.920	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	123356	86.878	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	440668	68.085	ng	0.00
79) Terphenyl-d14	20.091	244	659655	62.197	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.235	117	11020	11.428	ng	# 1
25) Isophorone	9.846	82	13667	2.412	ng	# 1
32) Benzoic acid	10.239	122	131	3.725	ng	# 1
37) 2-Methylnaphthalene	12.578	142	31625	5.917	ng	# 91
38) 1-Methylnaphthalene	12.795	142	32525	6.234	ng	# 88
56) 4-Nitrophenol	14.951	139	12109	10.083	ng	# 67
58) Fluorene	15.785	166	36349	5.280	ng	# 91
66) n-Nitrosodiphenylamine	15.996	169	53297	10.261	ng	# 46
71) Phenanthrene	17.530	178	80090	8.118	ng	# 95
78) Pyrene	19.897	202	51813	4.061	ng	# 88
81) Benzo(a)anthracene	21.753	228	36009	2.940	ng	# 65
83) Chrysene	21.818	228	61285	5.392	ng	# 75
88) Benzo(b)fluoranthene	24.033	252	26840	2.234	ng	# 34
89) Benzo(k)fluoranthene	24.033	252	26840	2.273	ng	# 35
90) Benzo(a)pyrene	24.931	252	31902	3.117	ng	# 63
92) Benzo(g,h,i)perylene	30.048	276	29354	2.558	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
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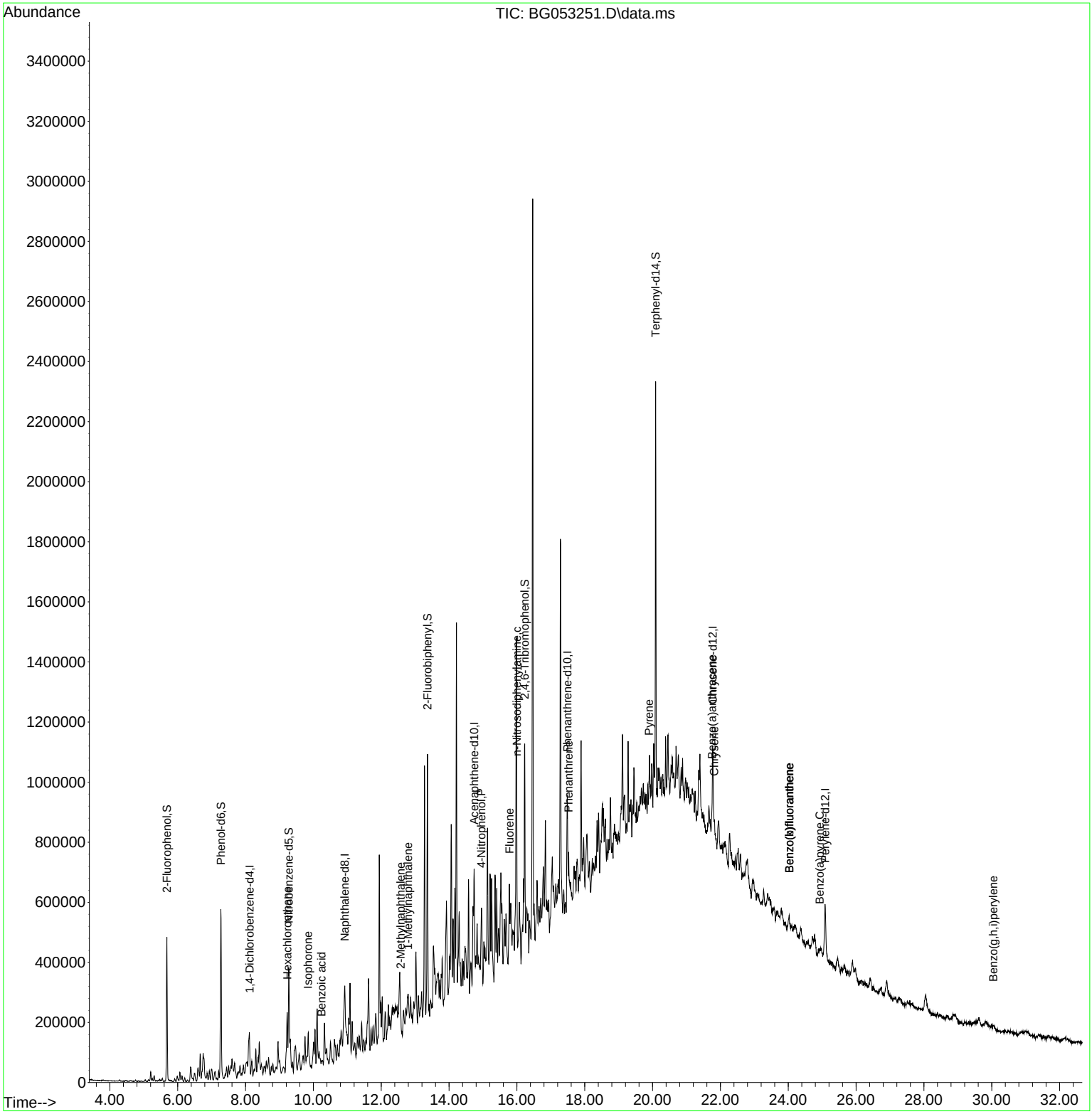
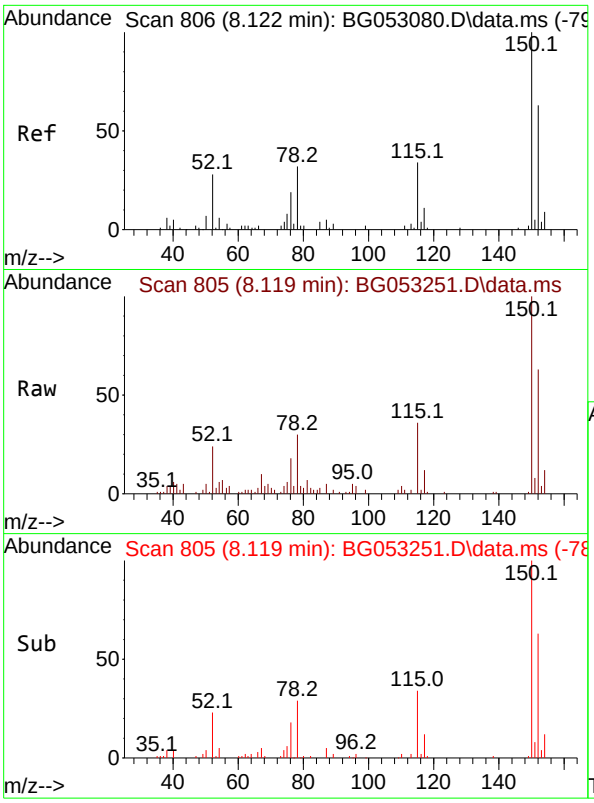


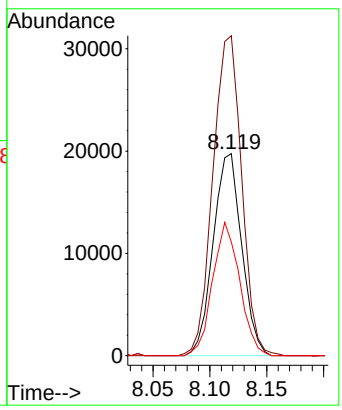


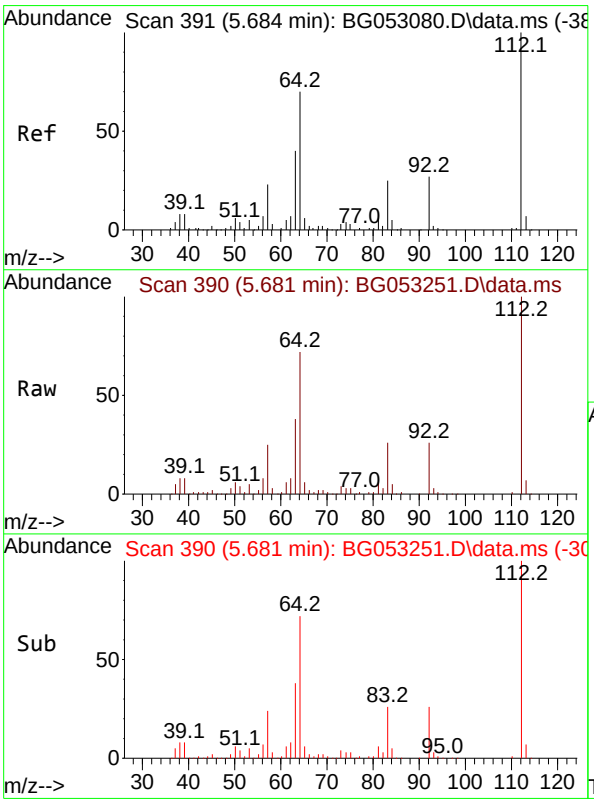
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.119 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

Tgt Ion:152 Resp: 34465

Ion	Ratio	Lower	Upper
152	100		
150	158.3	114.6	172.0
115	56.2	45.9	68.9

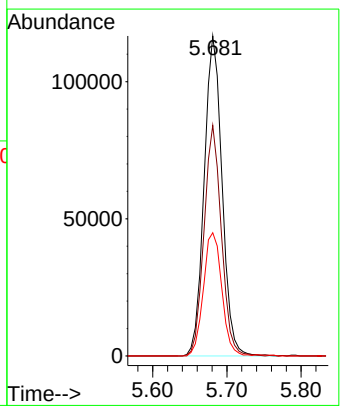


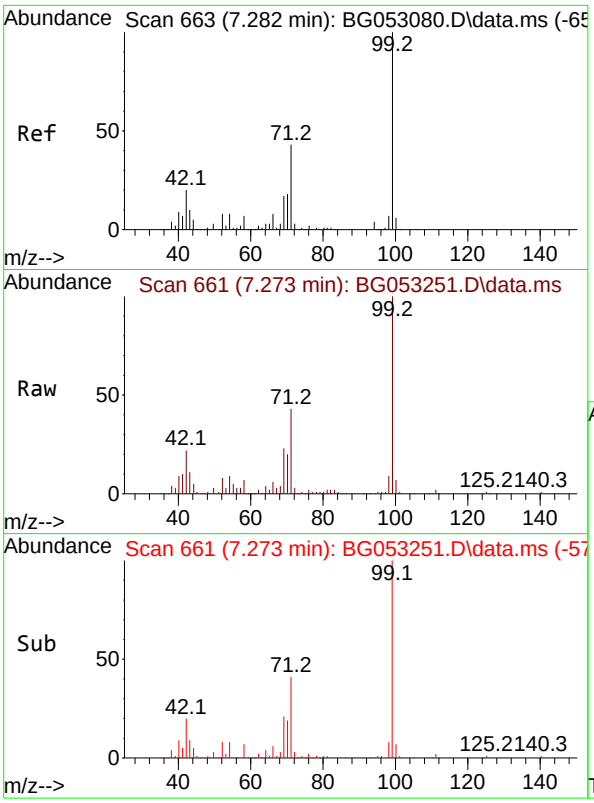


#5
2-Fluorophenol
Concen: 97.326 ng
RT: 5.681 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Tgt Ion:112 Resp: 195682

Ion	Ratio	Lower	Upper
112	100		
64	72.1	48.0	72.0#
63	38.5	26.5	39.7



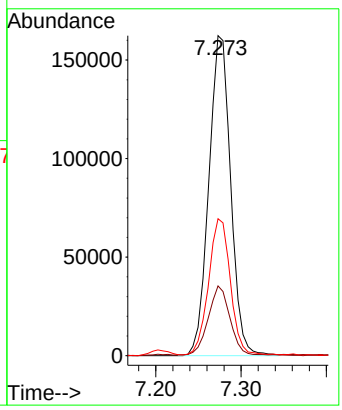


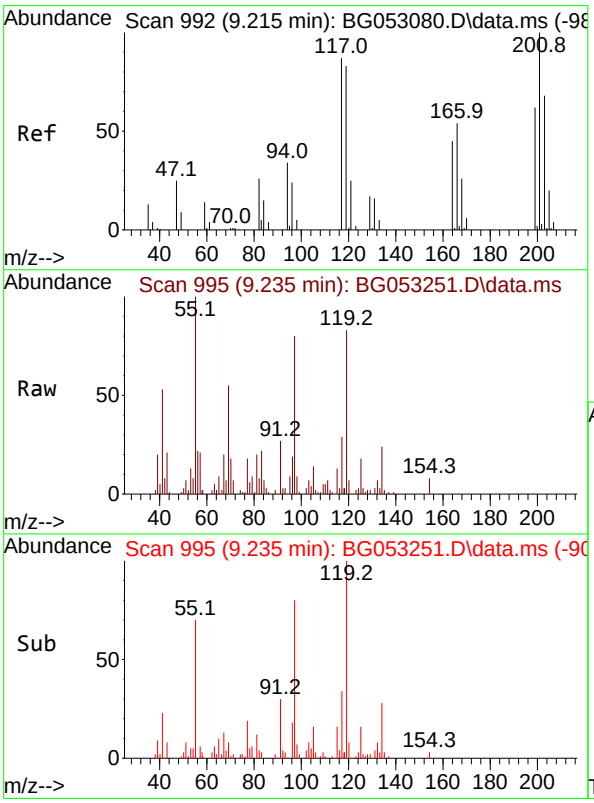
#7
Phenol-d6
Concen: 93.255 ng
RT: 7.273 min Scan# 6
Delta R.T. -0.009 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

Tgt Ion: 99 Resp: 289139

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.7	22.1
71	42.8	29.2	43.8

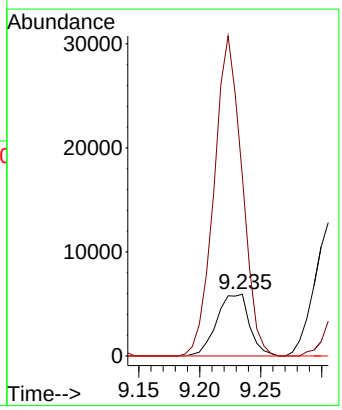


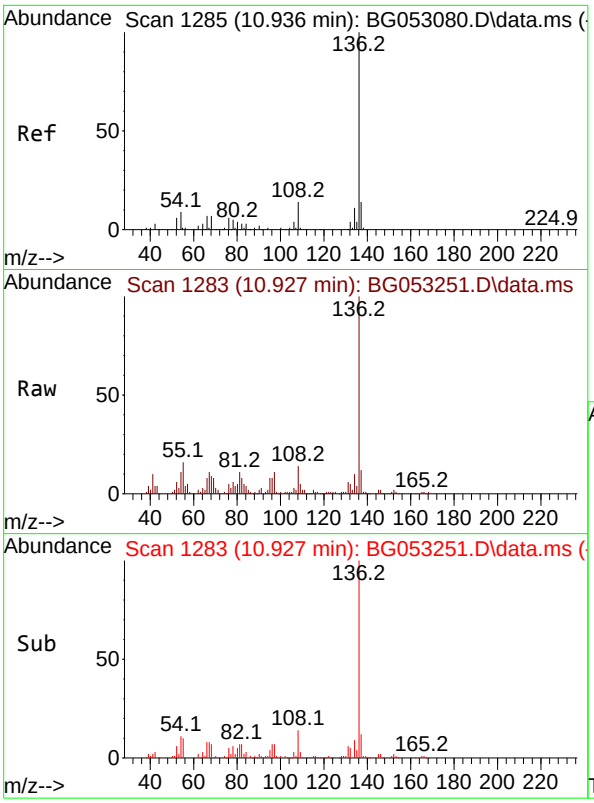


#18
Hexachloroethane
Concen: 11.428 ng
RT: 9.235 min Scan# 995
Delta R.T. 0.020 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Tgt Ion:117 Resp: 11020

Ion	Ratio	Lower	Upper
117	100		
119	290.6	75.1	112.7#
201	0.0	96.6	145.0#



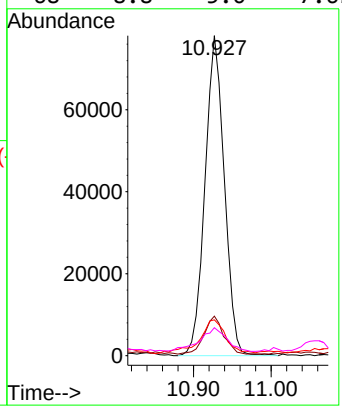


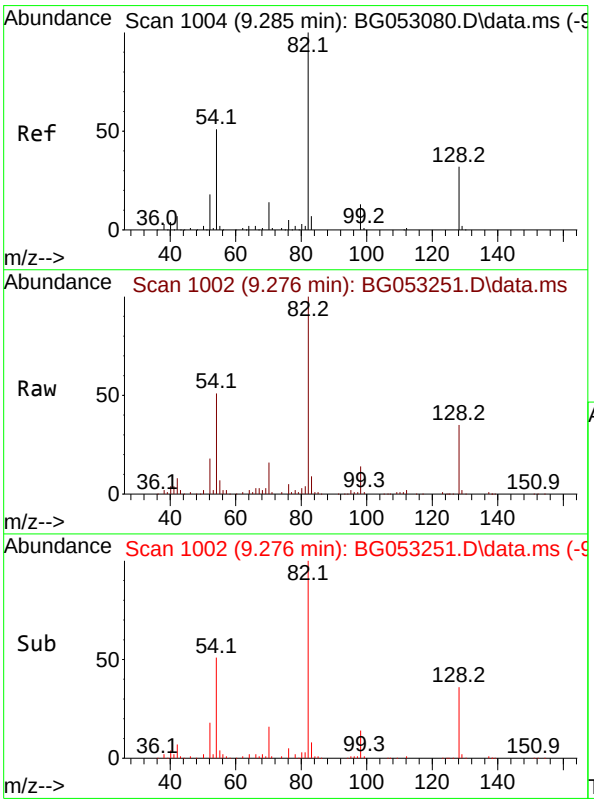
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

Tgt Ion:136 Resp: 135386

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.4	14.2
54	11.2	6.4	9.6#
68	8.8	5.0	7.6#

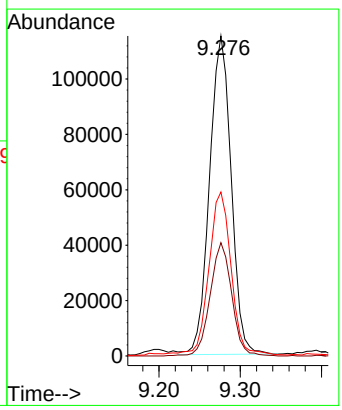


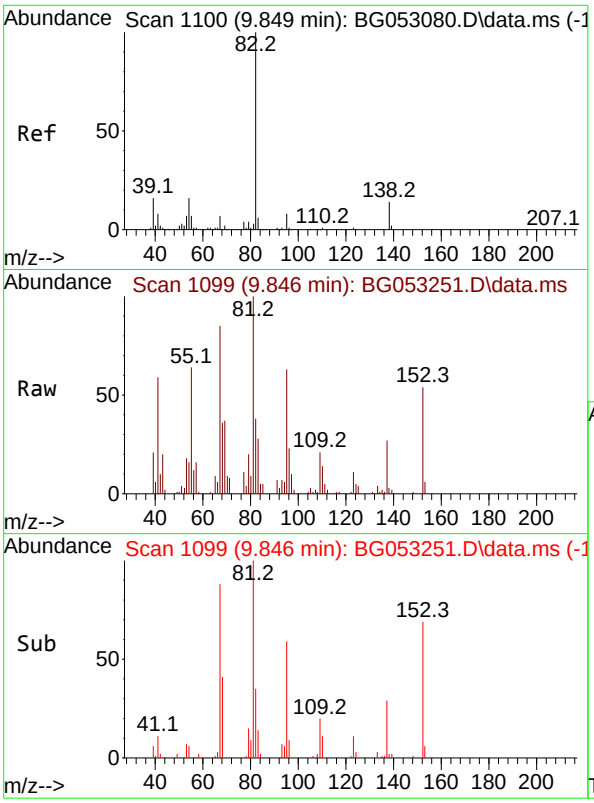


#23
Nitrobenzene-d5
Concen: 63.920 ng
RT: 9.276 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Tgt Ion: 82 Resp: 213131

Ion	Ratio	Lower	Upper
82	100		
128	35.4	31.3	46.9
54	51.3	37.8	56.8



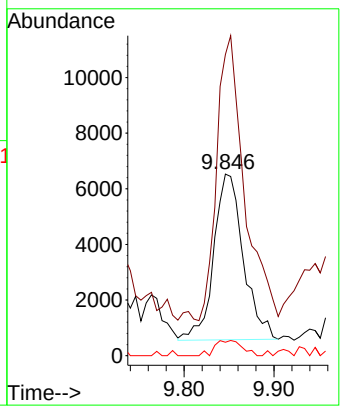


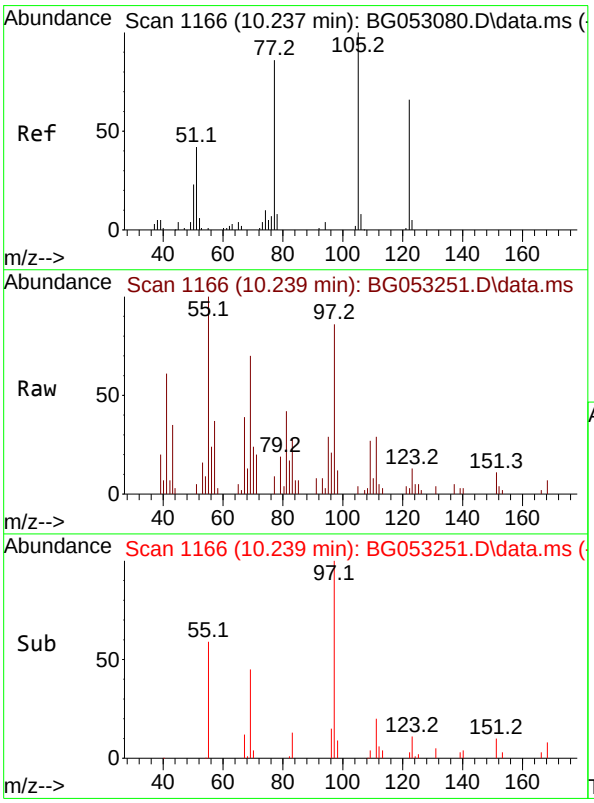
#25
Isophorone
Concen: 2.412 ng
RT: 9.846 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

Tgt Ion: 82 Resp: 13667

Ion	Ratio	Lower	Upper
82	100		
95	165.8	5.8	8.6#
138	7.4	12.6	18.8#

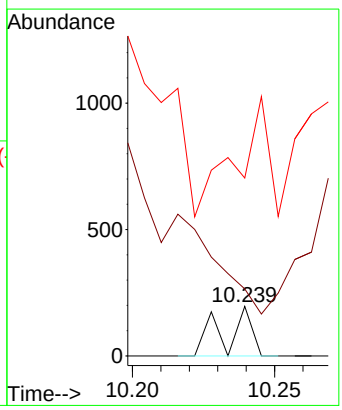


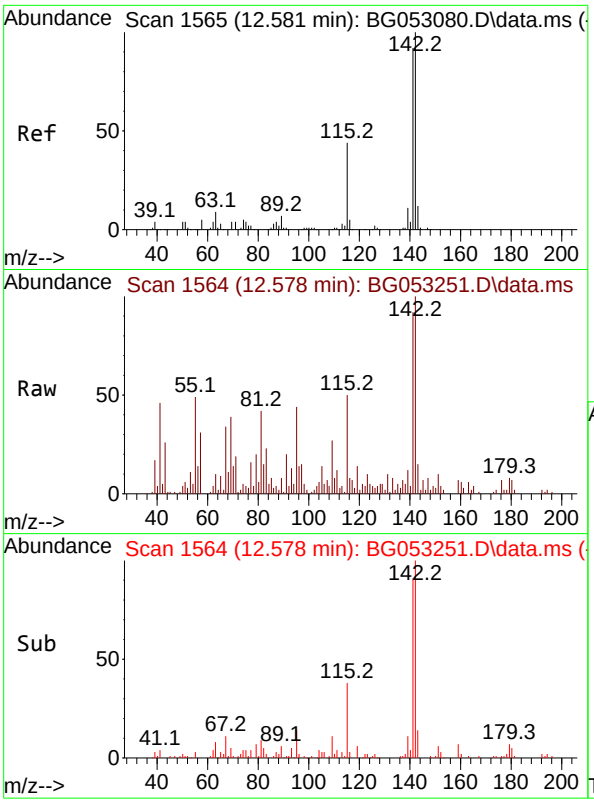


#32
Benzoic acid
Concen: 3.725 ng
RT: 10.239 min Scan# 1166
Delta R.T. 0.002 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Tgt Ion:122 Resp: 131

Ion	Ratio	Lower	Upper
122	100		
105	135.2	112.8	152.8
77	359.2	78.4	118.4#



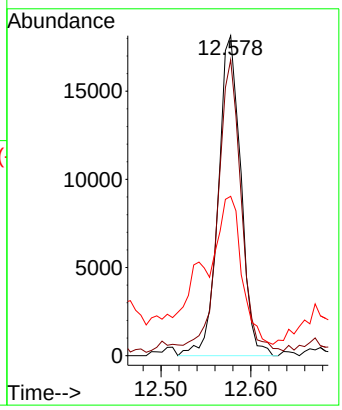


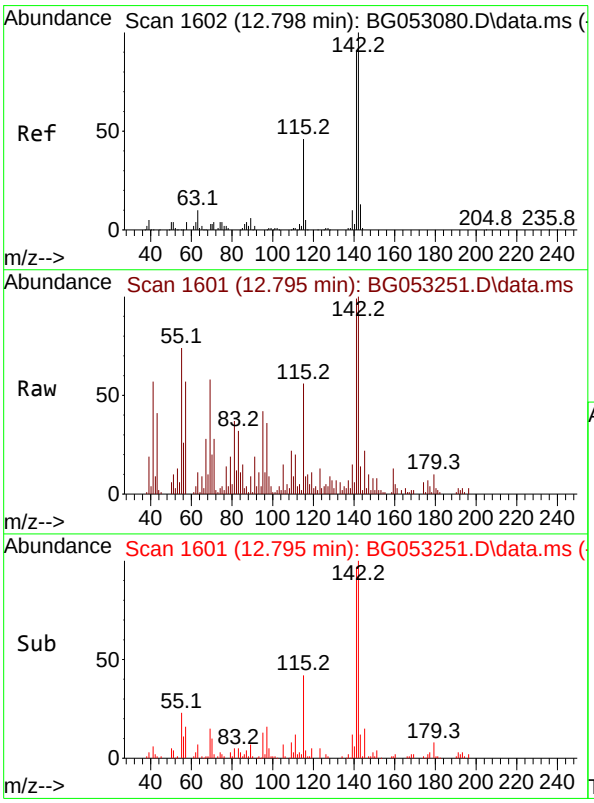
#37
2-Methylnaphthalene
Concen: 5.917 ng
RT: 12.578 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

Tgt Ion:142 Resp: 31625

Ion	Ratio	Lower	Upper
142	100		
141	92.5	71.3	106.9
115	49.8	29.5	44.3#

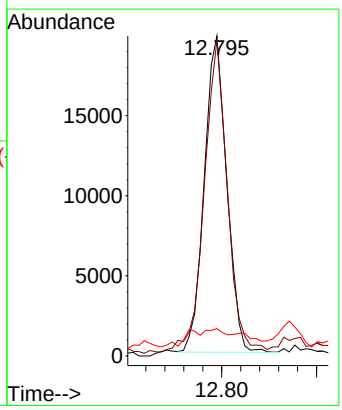


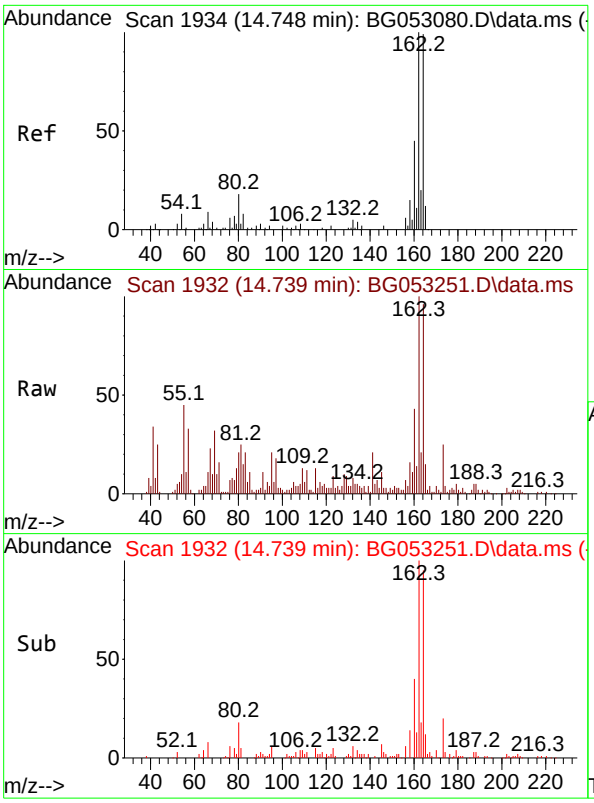


#38
1-Methylnaphthalene
Concen: 6.234 ng
RT: 12.795 min Scan# 1601
Delta R.T. -0.003 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Tgt Ion:142 Resp: 32525

Ion	Ratio	Lower	Upper
142	100		
141	98.8	70.5	105.7
116	8.5	3.1	4.7#



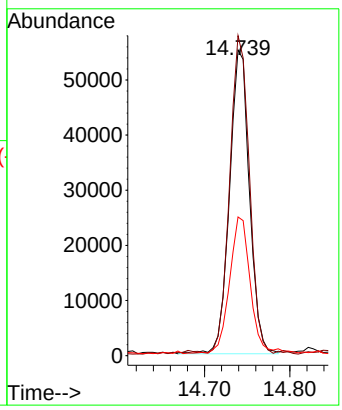


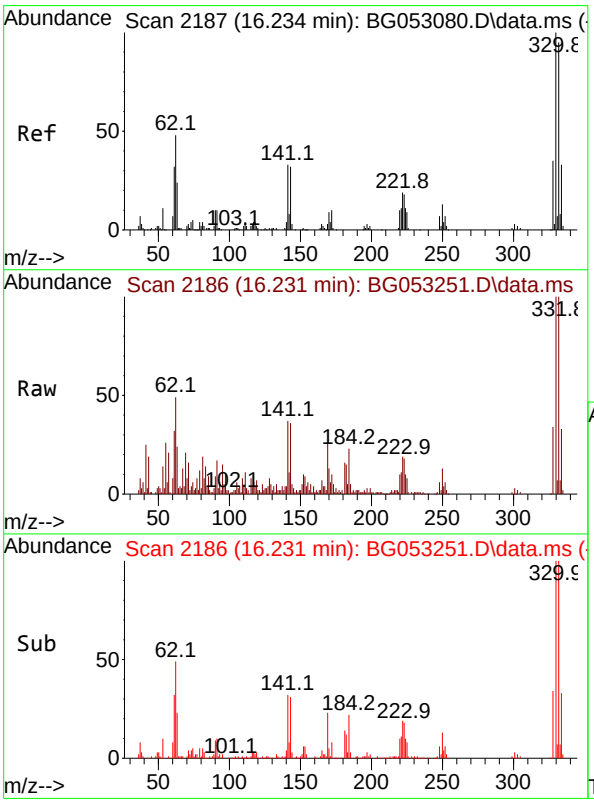
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.739 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

Tgt Ion:164 Resp: 89247

Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.0	120.0
160	45.4	38.8	58.2

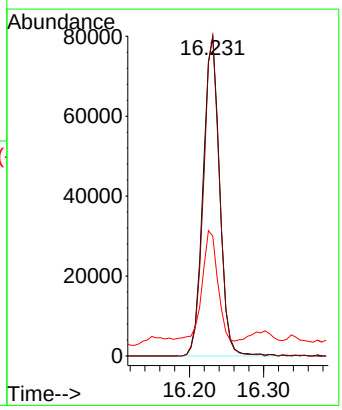


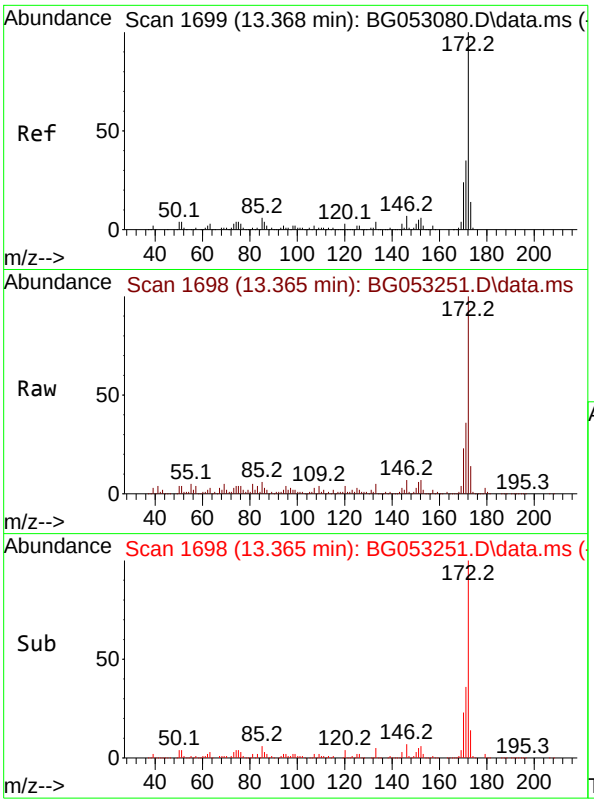


#42
2,4,6-Tribromophenol
Concen: 86.878 ng
RT: 16.231 min Scan# 2186
Delta R.T. -0.003 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Tgt Ion:330 Resp: 123356

Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.8	113.6
141	33.6	24.6	36.8



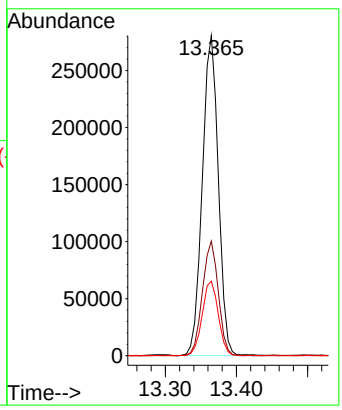


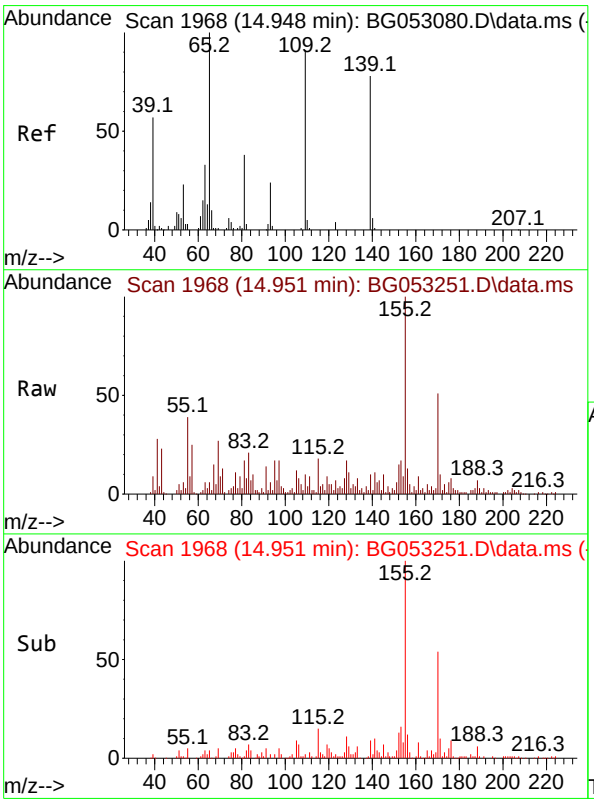
#45
2-Fluorobiphenyl
Concen: 68.085 ng
RT: 13.365 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

Tgt Ion:172 Resp: 440668

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.3	42.5
170	23.3	18.0	27.0

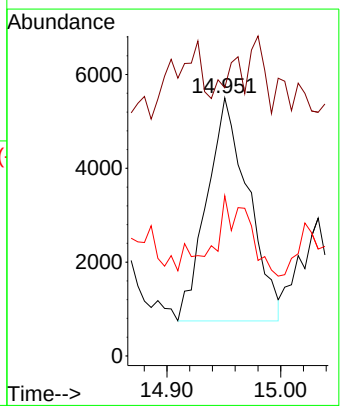


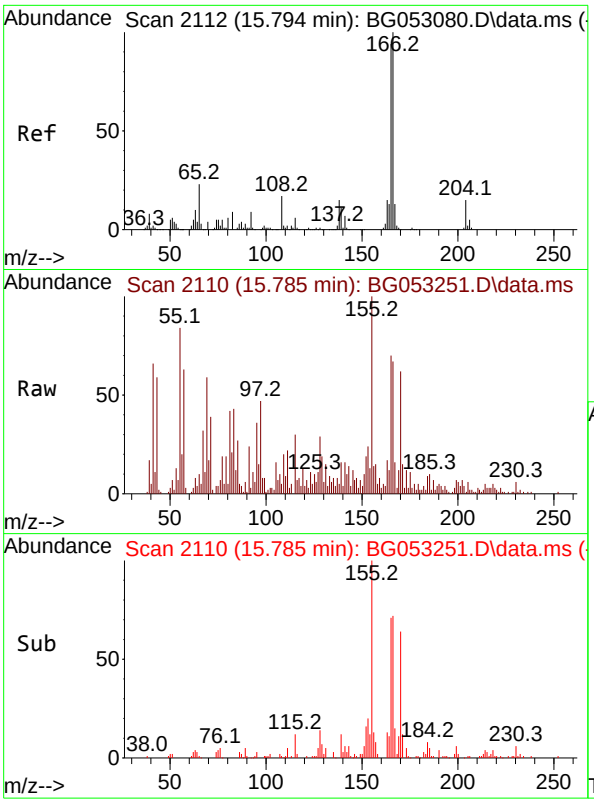


#56
4-Nitrophenol
Concen: 10.083 ng
RT: 14.951 min Scan# 1968
Delta R.T. 0.003 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Tgt Ion:139 Resp: 12109

Ion	Ratio	Lower	Upper
139	100		
109	103.9	67.1	107.1
65	62.1	88.2	128.2#



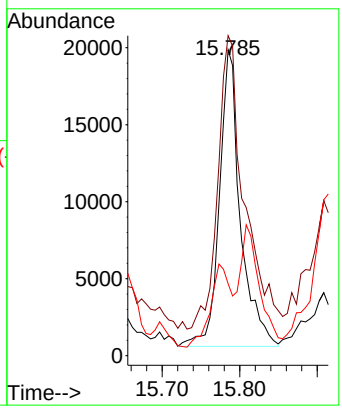


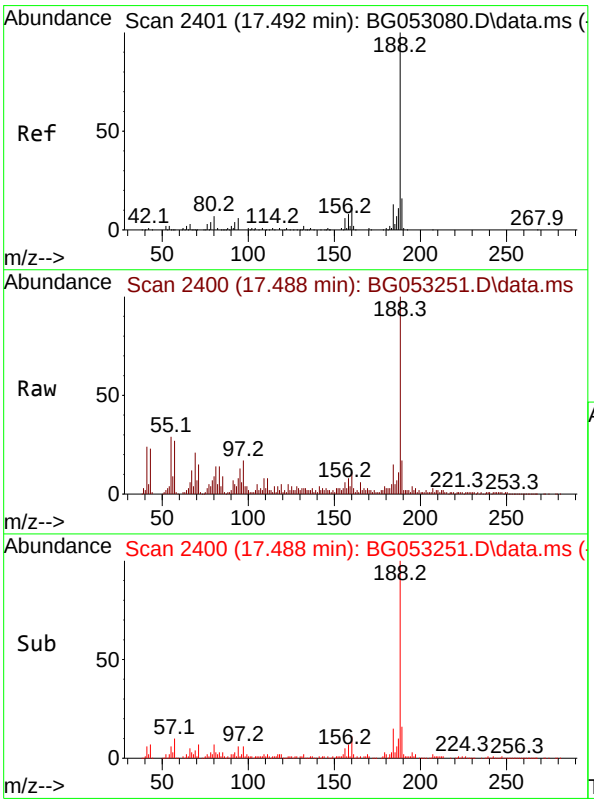
#58
Fluorene
Concen: 5.280 ng
RT: 15.785 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

Tgt Ion:166 Resp: 36349

Ion	Ratio	Lower	Upper
166	100		
165	104.6	78.6	117.8
167	23.5	10.9	16.3#

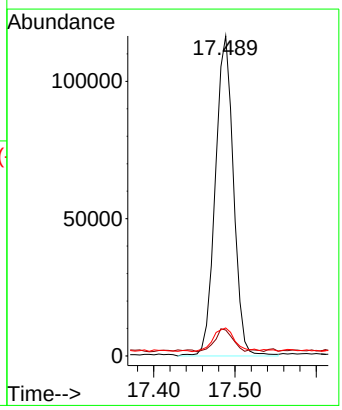


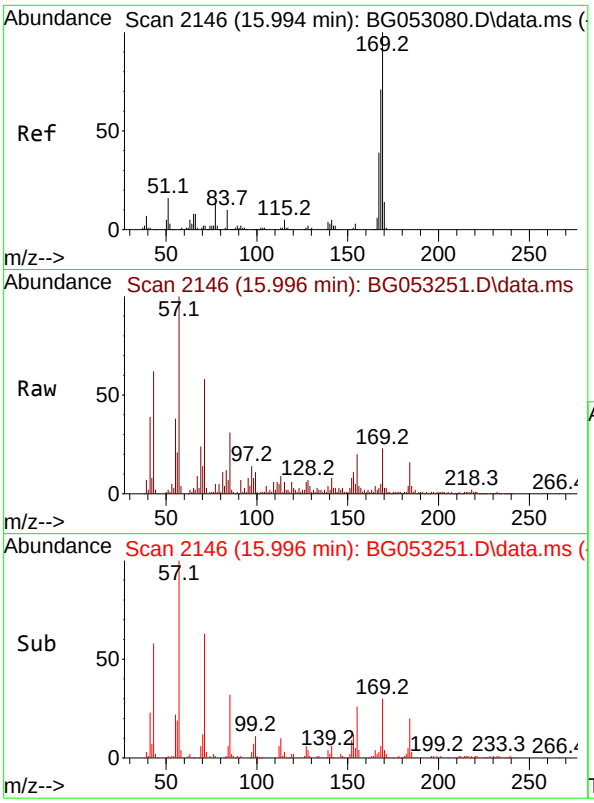


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.488 min Scan# 2400
Delta R.T. -0.003 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Tgt Ion:188 Resp: 180629

Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.7	8.5
80	8.7	7.2	10.8



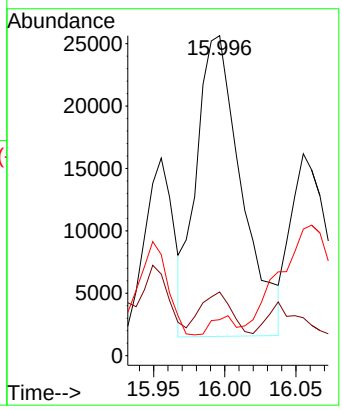


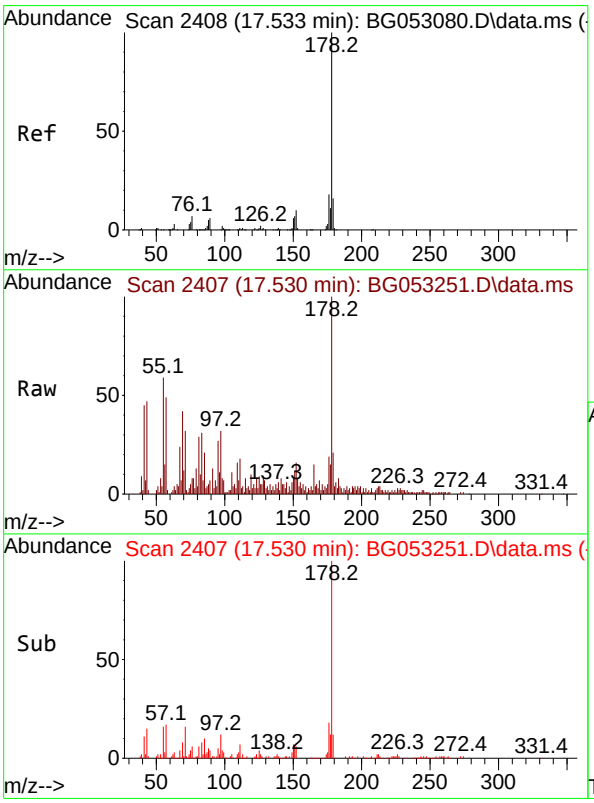
#66
n-Nitrosodiphenylamine
Concen: 10.261 ng
RT: 15.996 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

Tgt Ion:169 Resp: 53297

Ion	Ratio	Lower	Upper
169	100		
168	19.9	54.5	81.7#
167	11.3	29.6	44.4#

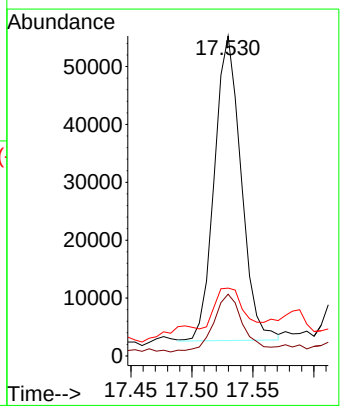


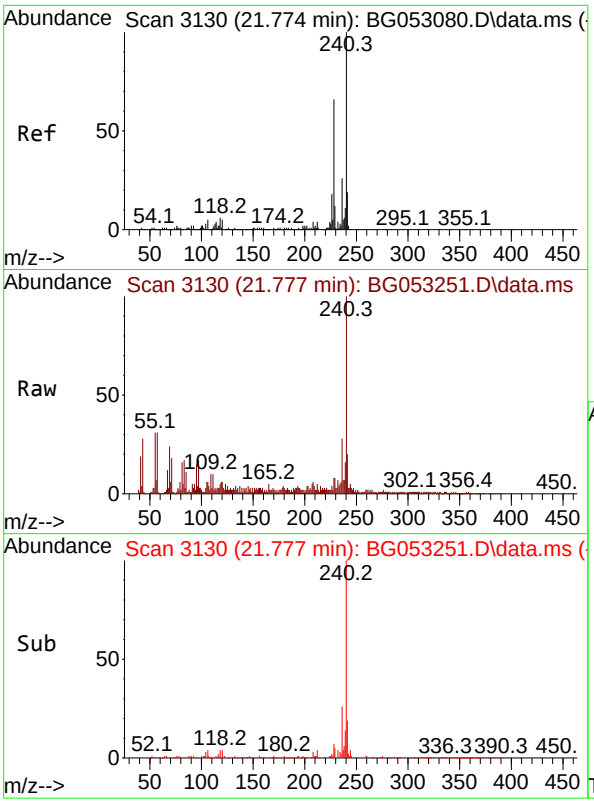


#71
Phenanthrene
Concen: 8.118 ng
RT: 17.530 min Scan# 2407
Delta R.T. -0.003 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Tgt Ion:178 Resp: 80090

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	21.2	13.4	20.2#



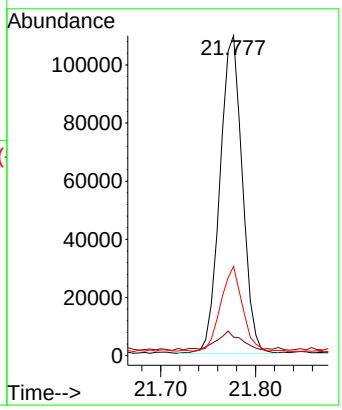


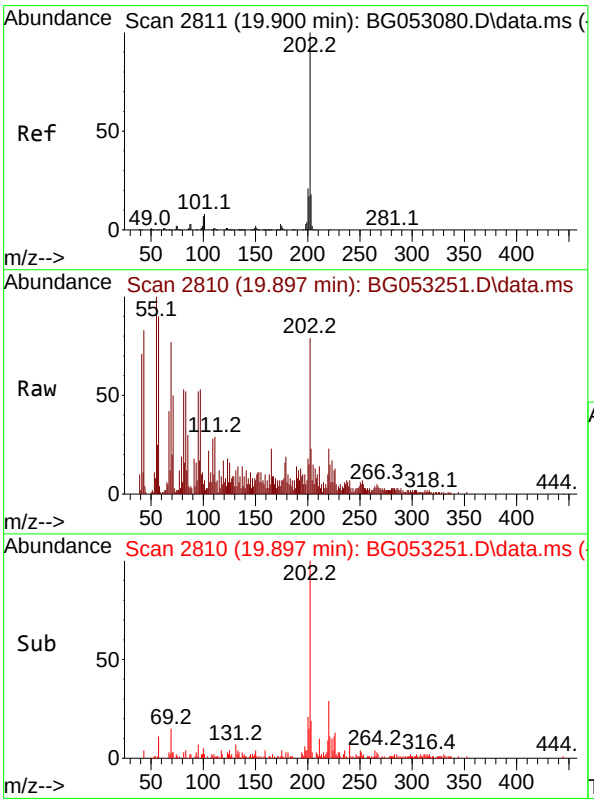
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.777 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

Tgt Ion:240 Resp: 179123

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.4	8.0
236	27.9	19.8	29.6

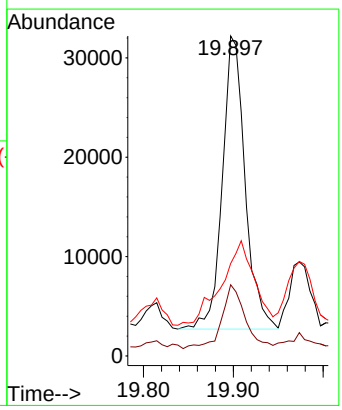


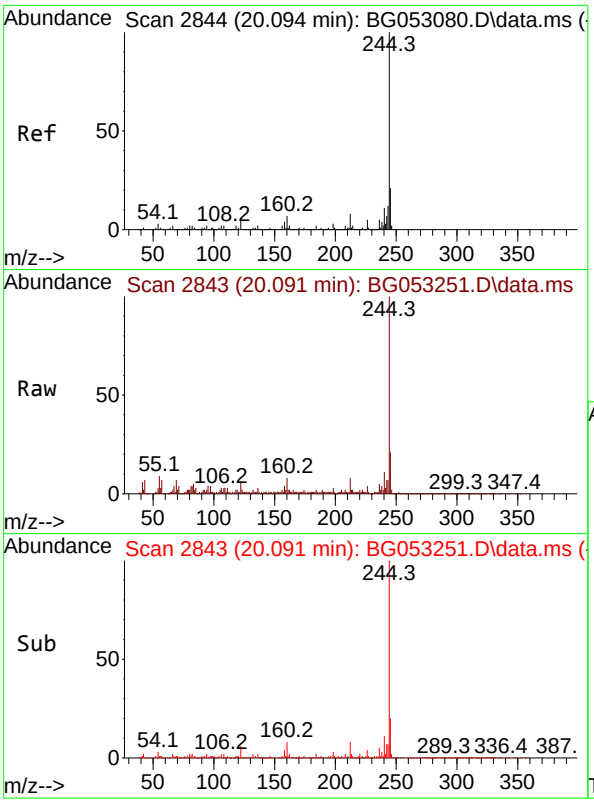


#78
Pyrene
Concen: 4.061 ng
RT: 19.897 min Scan# 2810
Delta R.T. -0.003 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Tgt Ion:202 Resp: 51813

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.0	25.6
203	28.9	15.0	22.6#



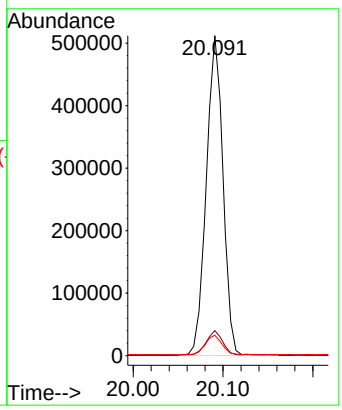


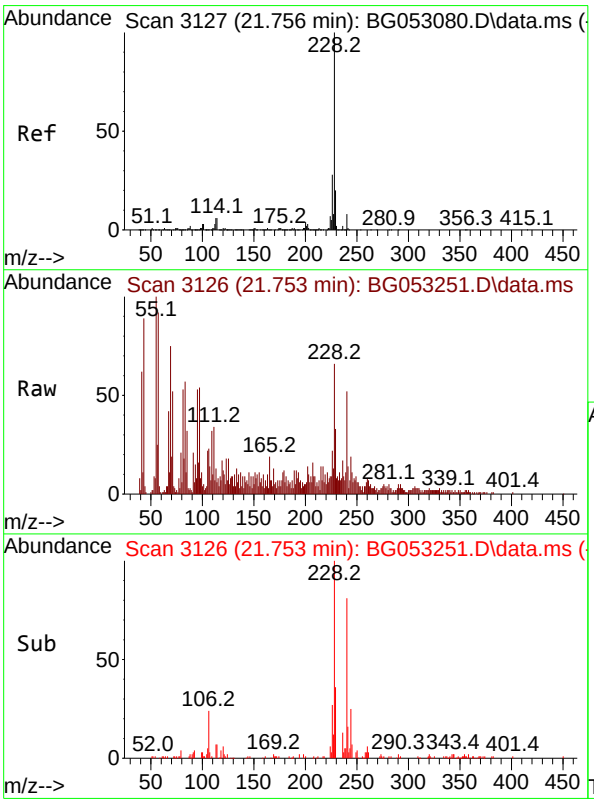
#79
Terphenyl-d14
Concen: 62.197 ng
RT: 20.091 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

Tgt Ion:244 Resp: 659655

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.2
122	6.4	5.8	8.6

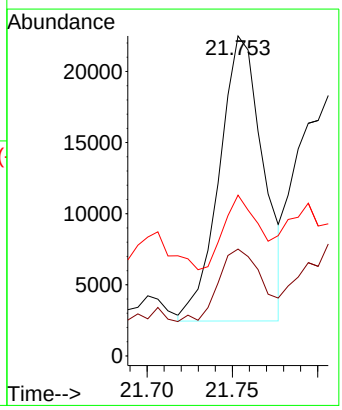


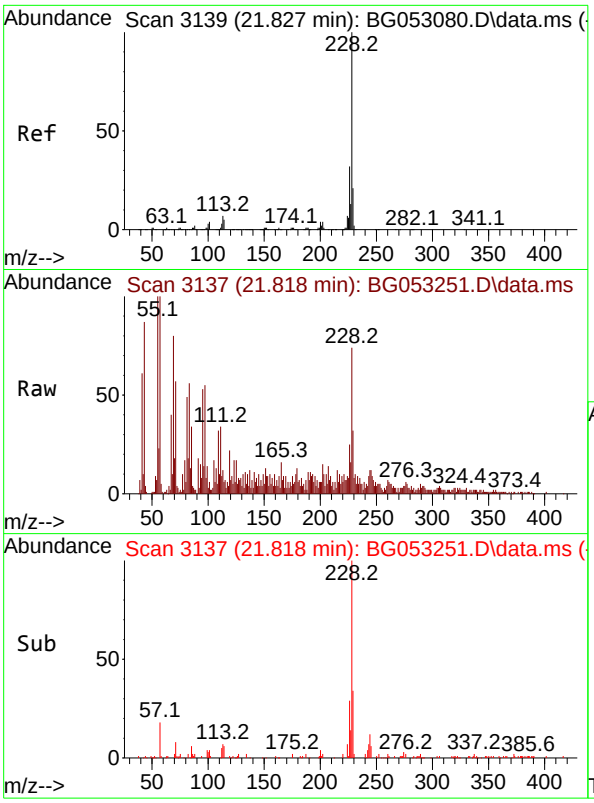


#81
Benzo(a)anthracene
Concen: 2.940 ng
RT: 21.753 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Tgt Ion:228 Resp: 36009

Ion	Ratio	Lower	Upper
228	100		
226	33.4	21.4	32.0#
229	50.3	16.7	25.1#



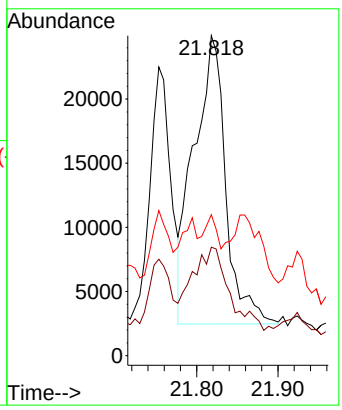


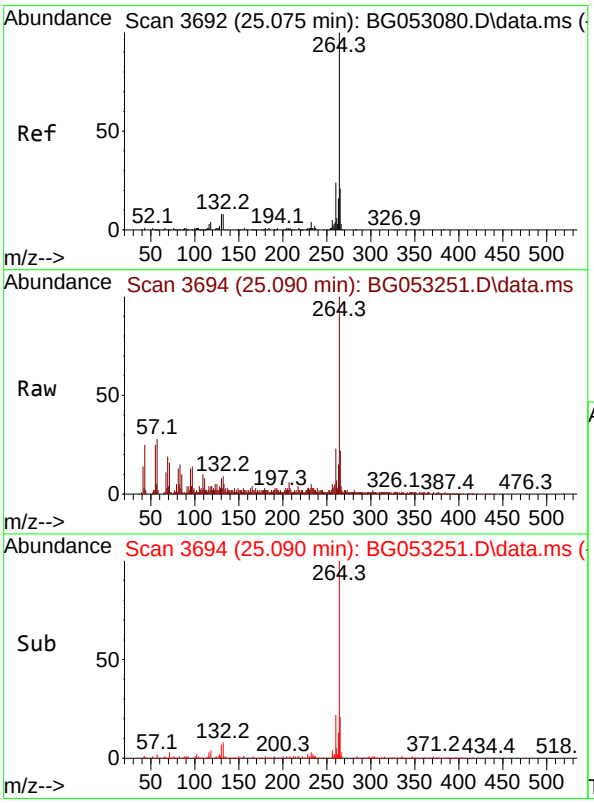
#83
Chrysene
Concen: 5.392 ng
RT: 21.818 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

Tgt Ion:228 Resp: 61285

Ion	Ratio	Lower	Upper
228	100		
226	33.9	24.2	36.4
229	44.0	16.3	24.5#

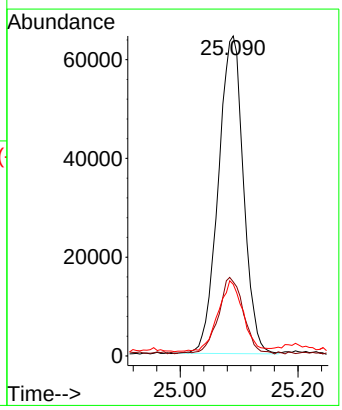


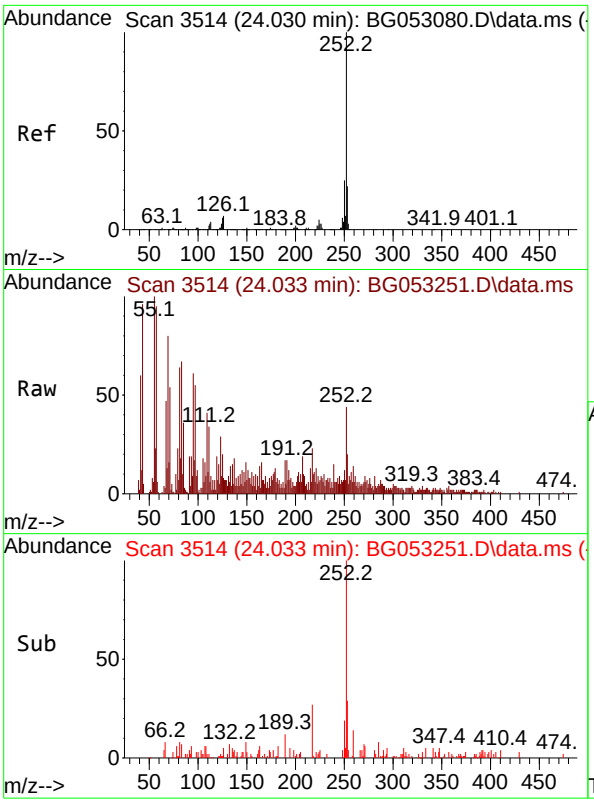


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.090 min Scan# 3694
Delta R.T. 0.015 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Tgt Ion:264 Resp: 190408

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	22.4	15.1	22.7



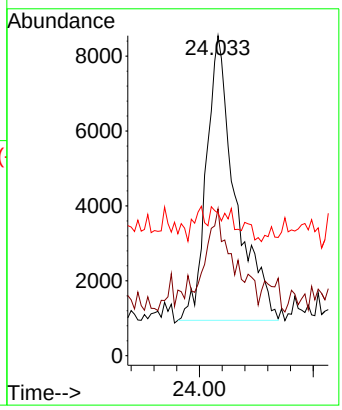


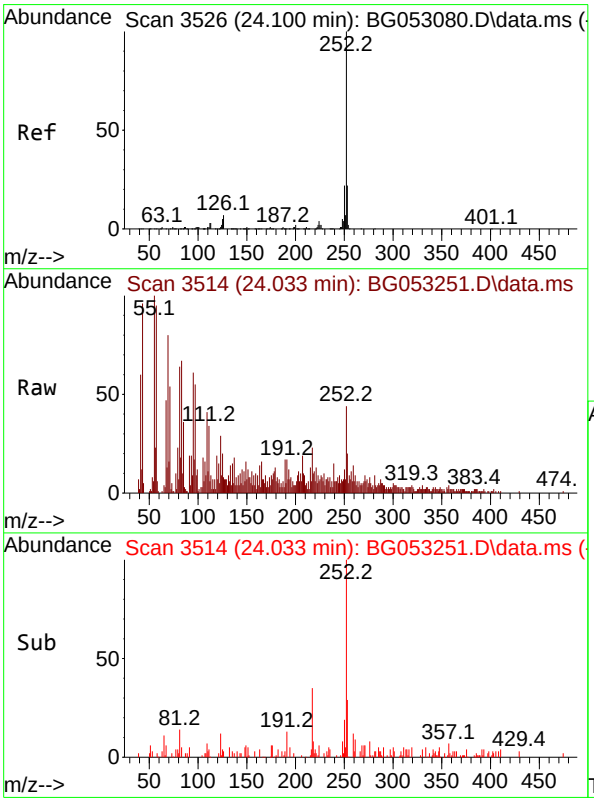
#88
Benzo(b)fluoranthene
Concen: 2.234 ng
RT: 24.033 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

Tgt Ion:252 Resp: 26840

Ion	Ratio	Lower	Upper
252	100		
253	45.9	17.2	25.8#
125	44.6	5.2	7.8#

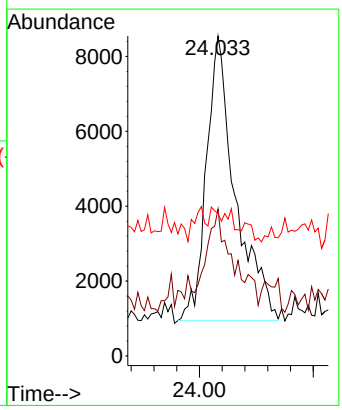


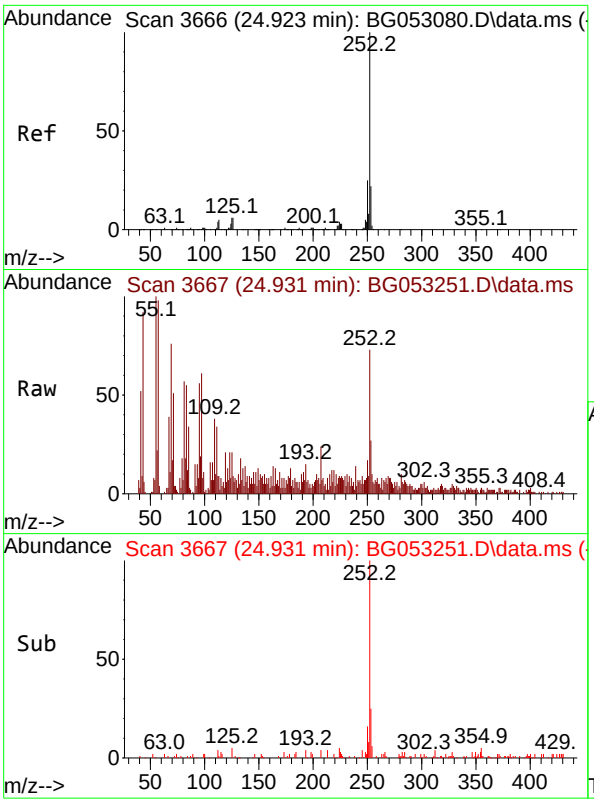


#89
Benzo(k)fluoranthene
Concen: 2.273 ng
RT: 24.033 min Scan# 3514
Delta R.T. -0.068 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Tgt Ion:252 Resp: 26840

Ion	Ratio	Lower	Upper
252	100		
253	45.9	17.4	26.0#
125	44.6	5.0	7.4#



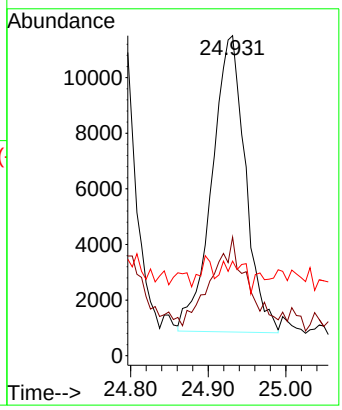


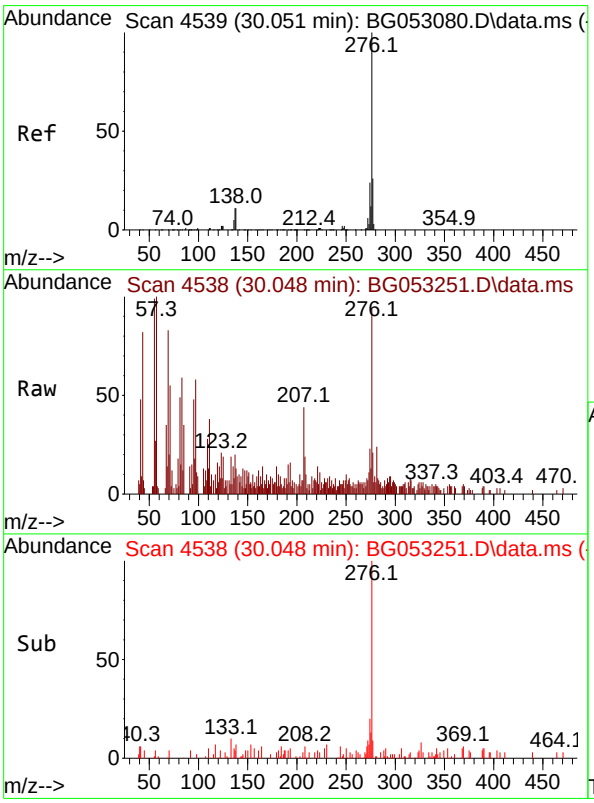
#90
Benzo(a)pyrene
Concen: 3.117 ng
RT: 24.931 min Scan# 3
Delta R.T. 0.009 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

Tgt Ion:252 Resp: 31902

Ion	Ratio	Lower	Upper
252	100		
253	37.0	18.4	27.6#
125	29.5	5.6	8.4#





#92
Benzo(g,h,i)perylene
Concen: 2.558 ng
RT: 30.048 min Scan# 4538
Delta R.T. -0.003 min
Lab File: BG053251.D
Acq: 21 Apr 2022 21:24

Tgt Ion:276 Resp: 29354

Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.2	27.2
138	13.6	9.1	13.7