Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053207.D
Acq On : 19 Apr 2022 22:29
Operator : CG/JU
Sample : N2464-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-041822

Quant Time: Apr 20 05:43:35 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	8.123	152	38282	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	165940	20.000	ng	# 0.00
39) Acenaphthene-d10	14.744	164	111441	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	213960	20.000	ng	0.00
76) Chrysene-d12	21.775	240	192468	20.000	ng	0.00
86) Perylene-d12	25.083	264	200218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	40042	17.930	ng	0.00
7) Phenol-d6	7.277	99	60909	17.686	ng	0.00
23) Nitrobenzene-d5	9.281	82	43696	10.692	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	26700	15.059	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	104345	12.911	ng	0.00
79) Terphenyl-d14	20.084	244	134599	11.811	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.275	70	6315	2.505	ng	# 76
51) 2,6-Dinitrotoluene	14.738	165	15529	8.351	ng	# 29
58) Fluorene	15.784	166	17571	2.044	ng	85
71) Phenanthrene	17.528	178	137398	11.757	ng	100
72) Anthracene	17.616	178	35414	3.059	ng	95
75) Fluoranthene	19.537	202	198290	13.236	ng	99
78) Pyrene	19.896	202	177172	12.925	ng	97
81) Benzo(a)anthracene	21.752	228	82144	6.242	ng	96
83) Chrysene	21.752	228	82144	6.726	ng	94
88) Benzo(b)fluoranthene	24.031	252	94670	7.494	ng	# 93
89) Benzo(k)fluoranthene	24.031	252	94670	7.625	ng	# 93
90) Benzo(a)pyrene	24.918	252	70308	6.533	ng	# 91

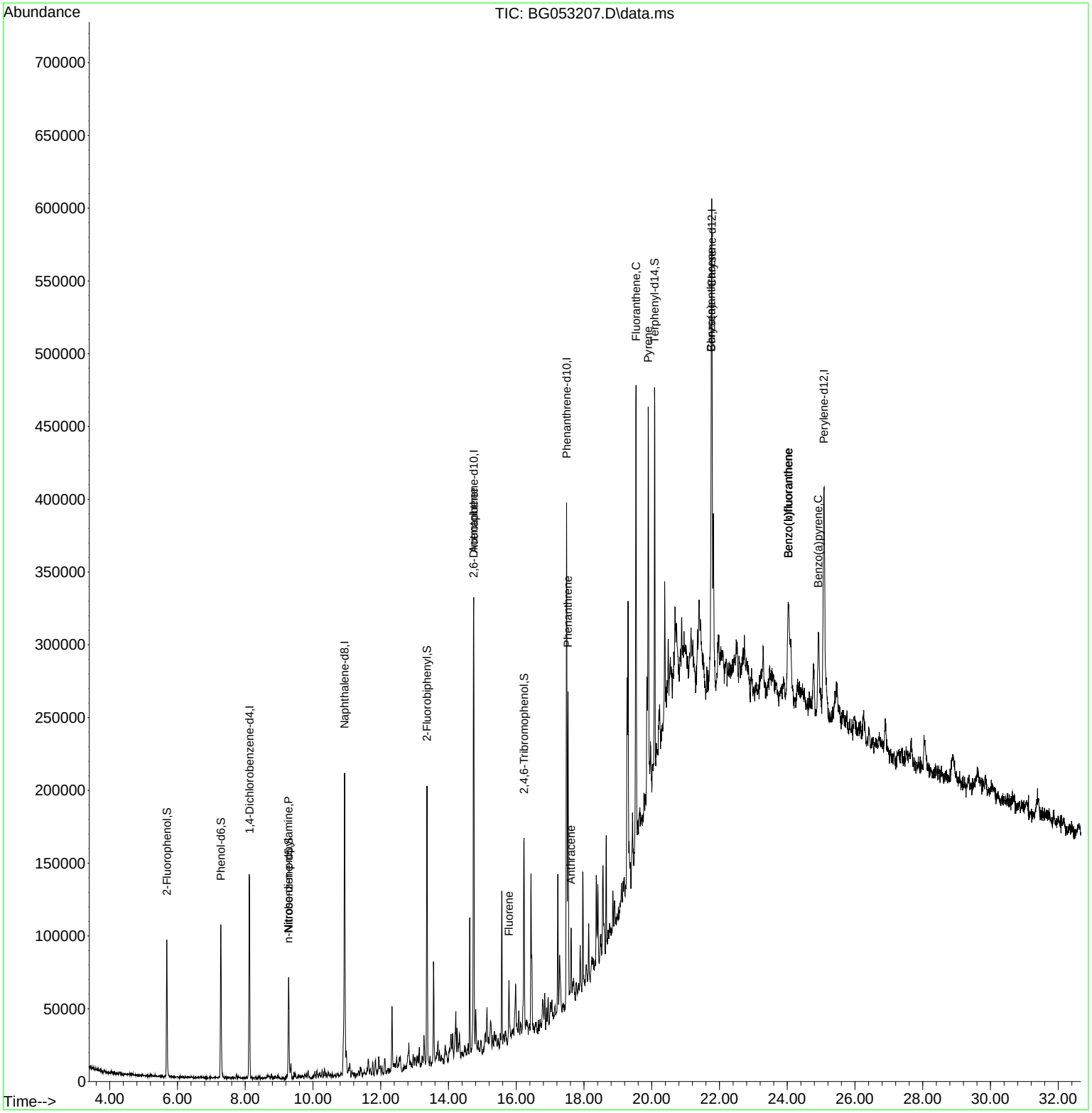
(#) = qualifier out of range (m) = manual integration (+) = signals summed

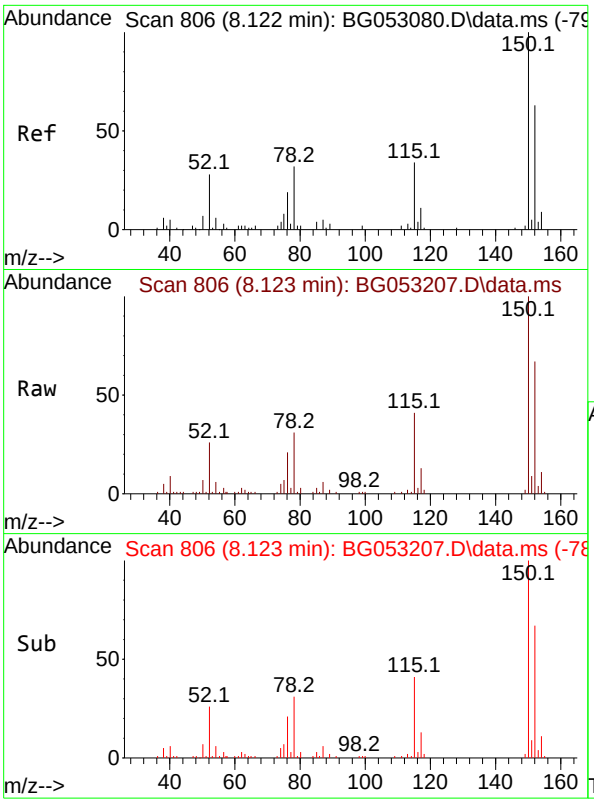
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053207.D
Acq On : 19 Apr 2022 22:29
Operator : CG/JU
Sample : N2464-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-041822

Quant Time: Apr 20 05:43:35 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



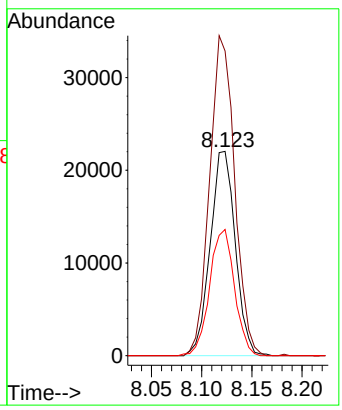


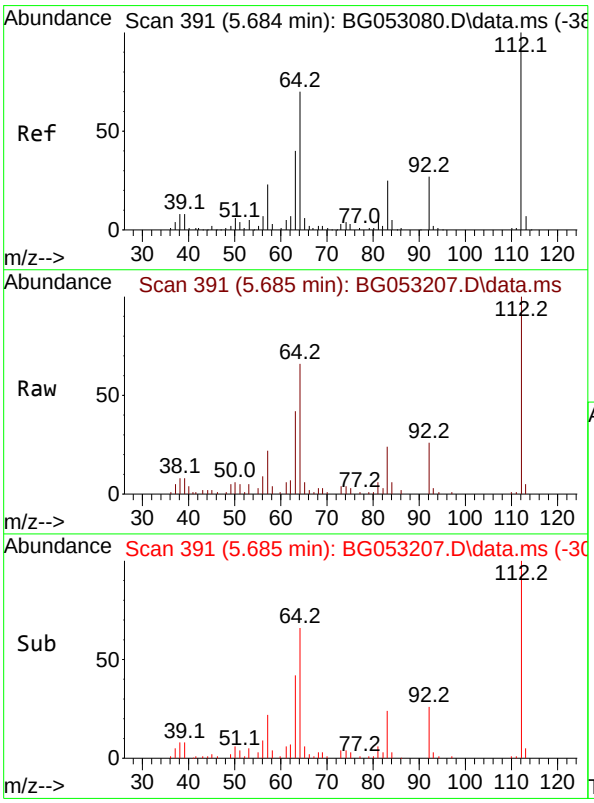
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.123 min Scan# 8(
Delta R.T. 0.001 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Instrument :
BNA_G
ClientSampleId :
OK-03-041822

Tgt Ion:152 Resp: 38282

Ion	Ratio	Lower	Upper
152	100		
150	149.1	114.6	172.0
115	61.8	45.9	68.9

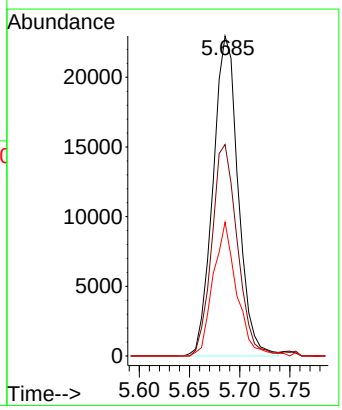


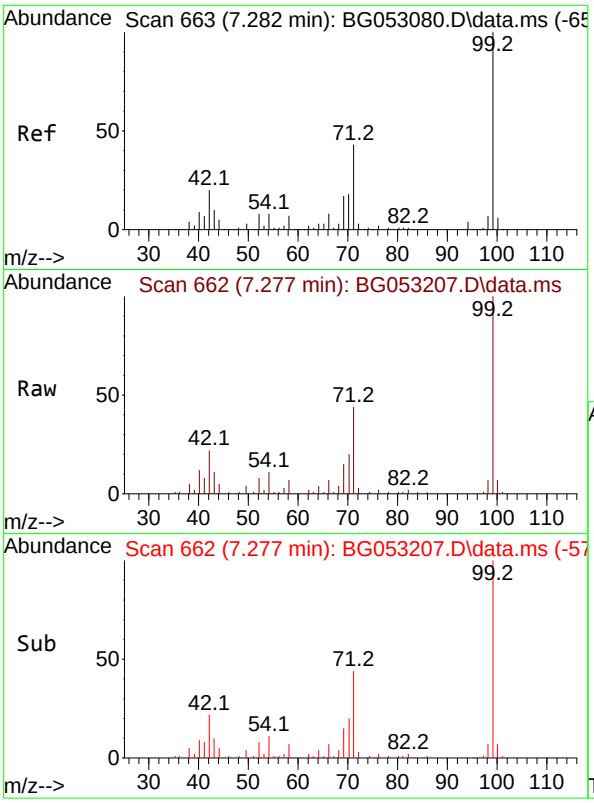


#5
2-Fluorophenol
Concen: 17.930 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Tgt Ion:112 Resp: 40042

Ion	Ratio	Lower	Upper
112	100		
64	66.1	48.0	72.0
63	41.8	26.5	39.7#



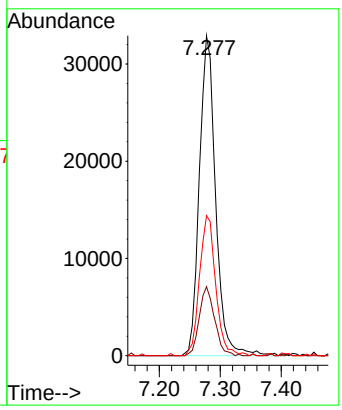


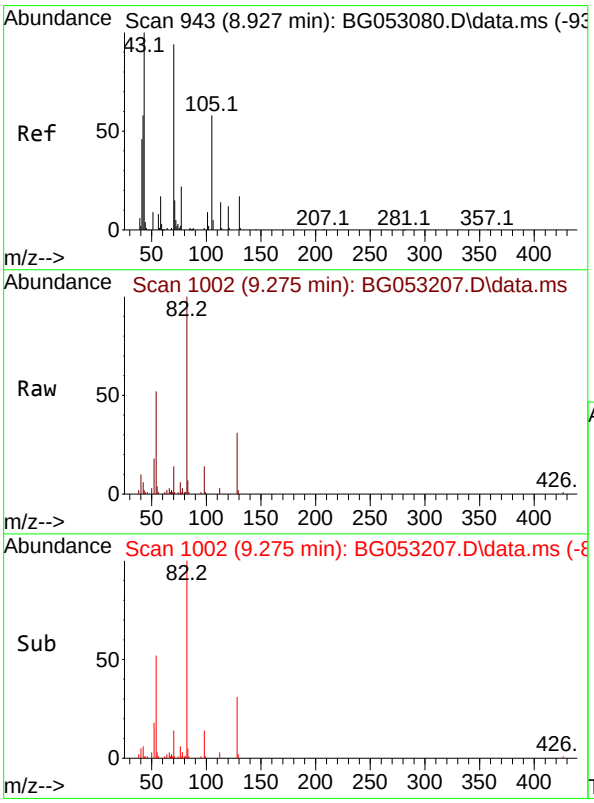
#7
Phenol-d6
Concen: 17.686 ng
RT: 7.277 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Instrument :
BNA_G
ClientSampleId :
OK-03-041822

Tgt Ion: 99 Resp: 60909

Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.7	22.1
71	43.8	29.2	43.8

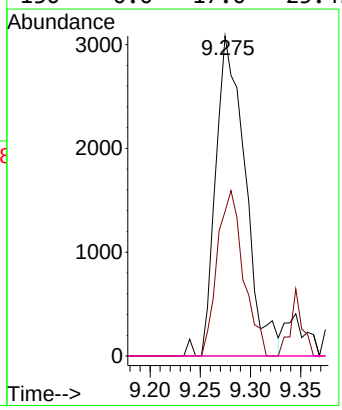


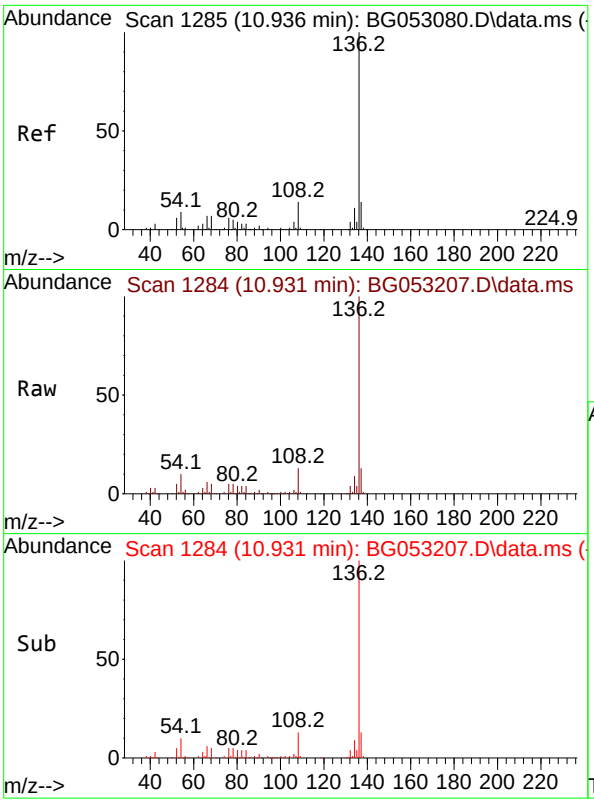


#19
n-Nitroso-di-n-propylamine
Concen: 2.505 ng
RT: 9.275 min Scan# 1002
Delta R.T. 0.348 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Tgt Ion: 70 Resp: 6315

Ion	Ratio	Lower	Upper
70	100		
42	45.2	46.0	69.0#
101	0.0	6.2	9.4#
130	0.0	17.0	25.4#



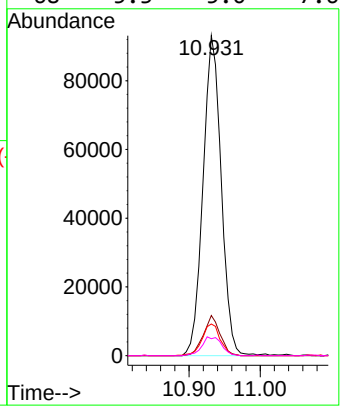


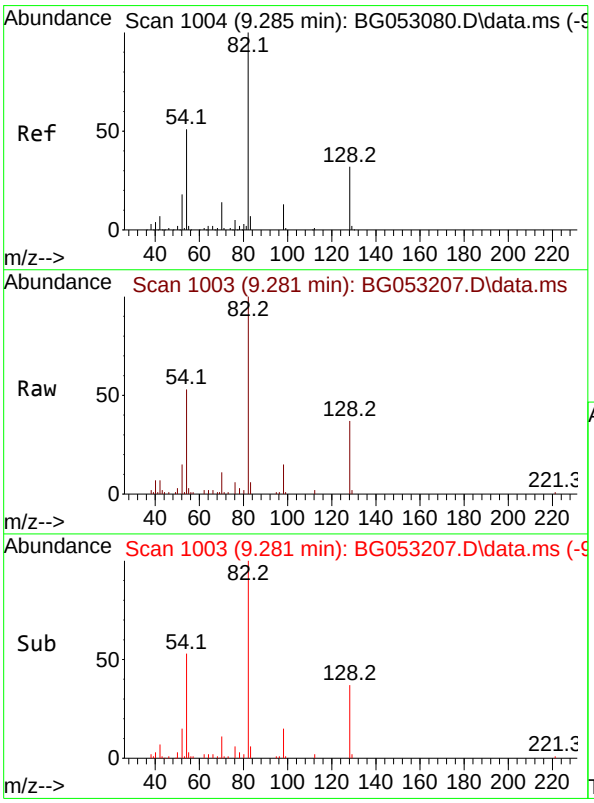
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Instrument :
BNA_G
ClientSampleId :
OK-03-041822

Tgt Ion:136 Resp: 165940

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.4	14.2
54	9.9	6.4	9.6#
68	5.3	5.0	7.6

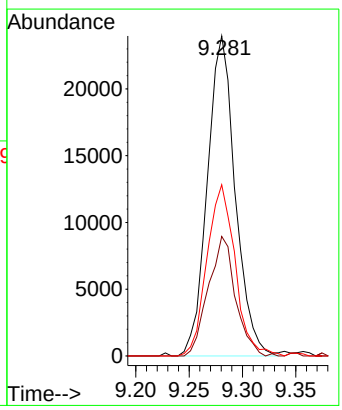


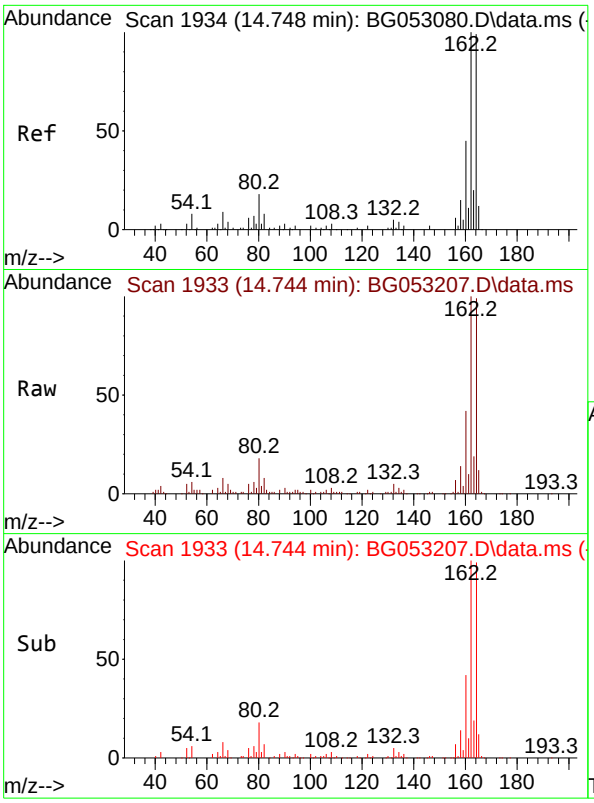


#23
Nitrobenzene-d5
Concen: 10.692 ng
RT: 9.281 min Scan# 1003
Delta R.T. -0.004 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Tgt Ion: 82 Resp: 43696

Ion	Ratio	Lower	Upper
82	100		
128	37.4	31.3	46.9
54	53.5	37.8	56.8



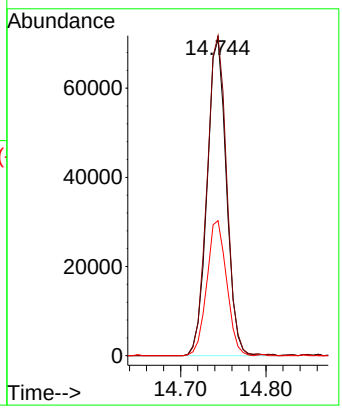


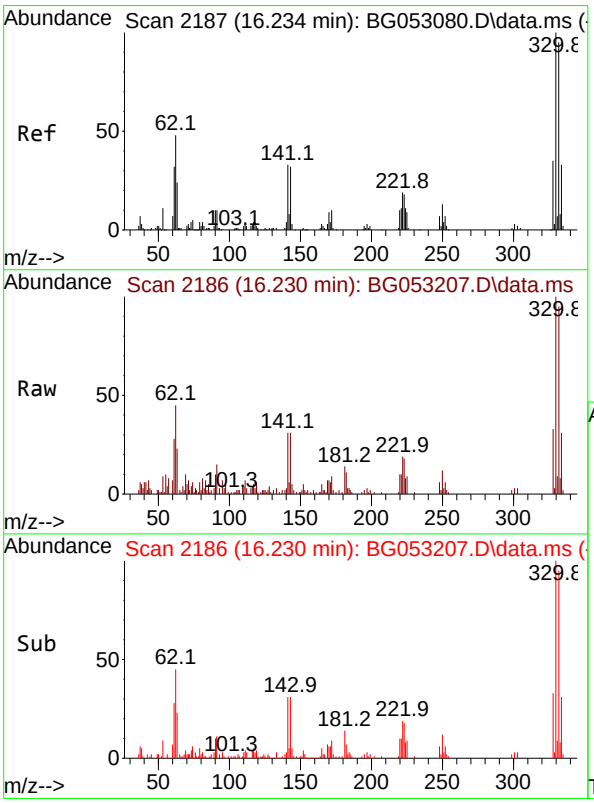
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.744 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Instrument :
BNA_G
ClientSampleId :
OK-03-041822

Tgt Ion:164 Resp: 111441

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.0	120.0
160	42.7	38.8	58.2

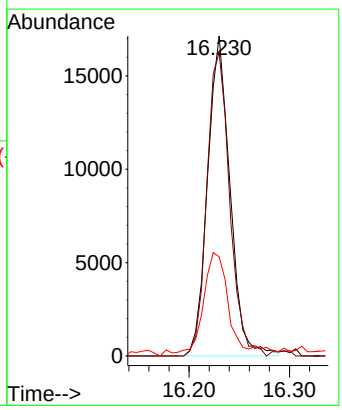


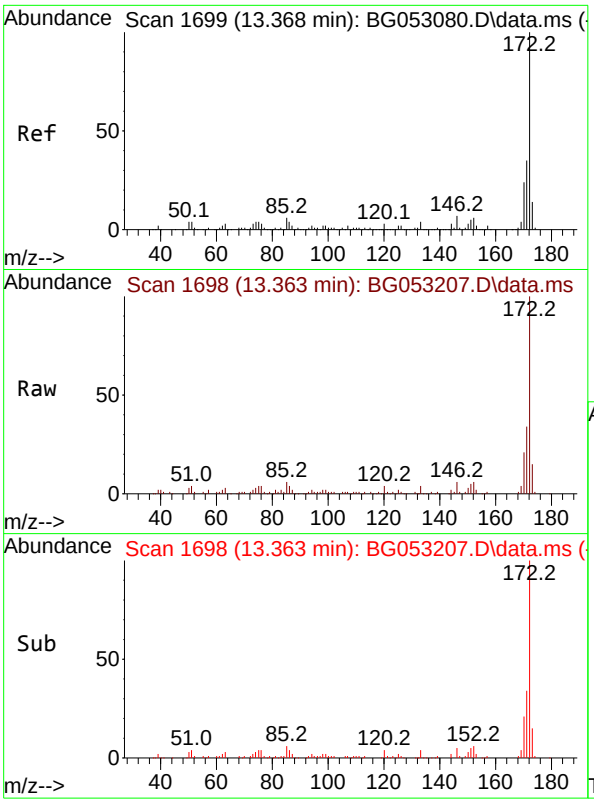


#42
2,4,6-Tribromophenol
Concen: 15.059 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.004 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Tgt Ion:330 Resp: 26700

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.8	113.6
141	35.9	24.6	36.8



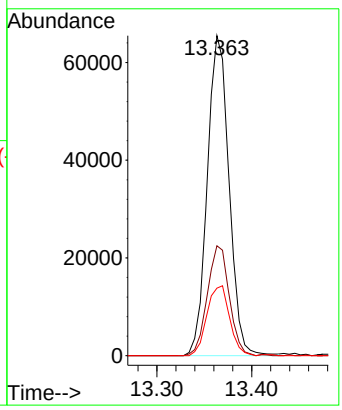


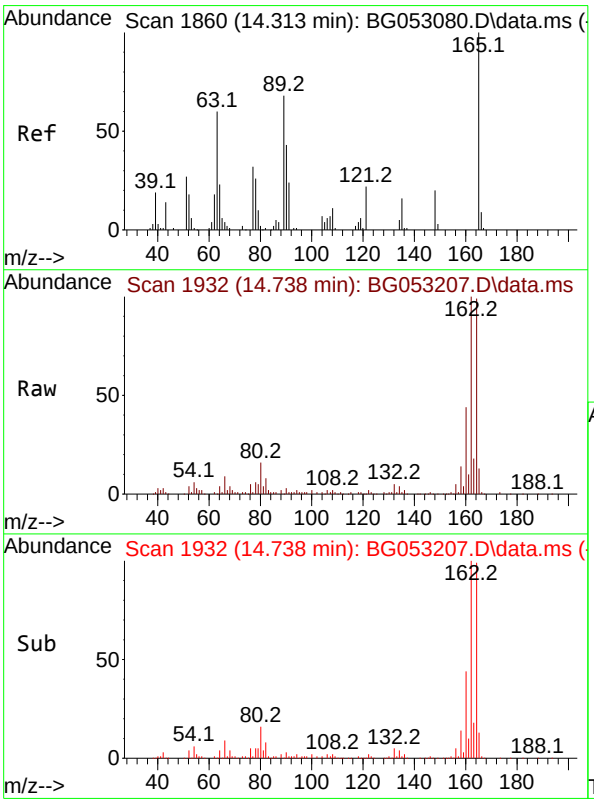
#45
2-Fluorobiphenyl
Concen: 12.911 ng
RT: 13.363 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Instrument :
BNA_G
ClientSampleId :
OK-03-041822

Tgt Ion:172 Resp: 104345

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.3	42.5
170	21.1	18.0	27.0

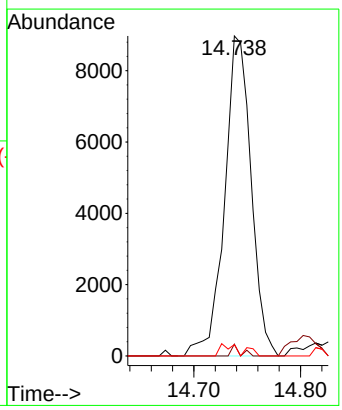


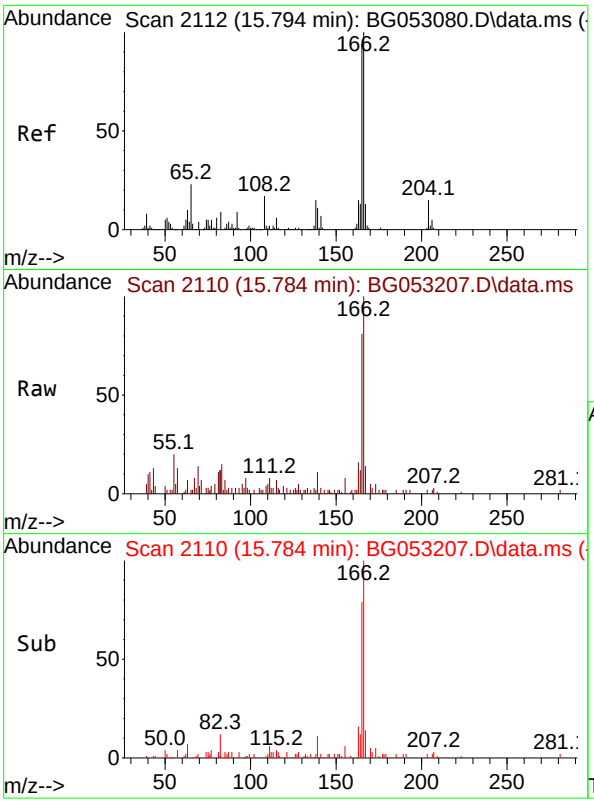


#51
2,6-Dinitrotoluene
Concen: 8.351 ng
RT: 14.738 min Scan# 1932
Delta R.T. 0.424 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Tgt Ion:165 Resp: 15529

Ion	Ratio	Lower	Upper
165	100		
63	3.7	43.7	65.5#
89	3.6	45.0	67.4#



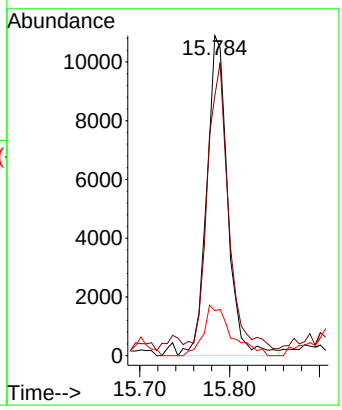


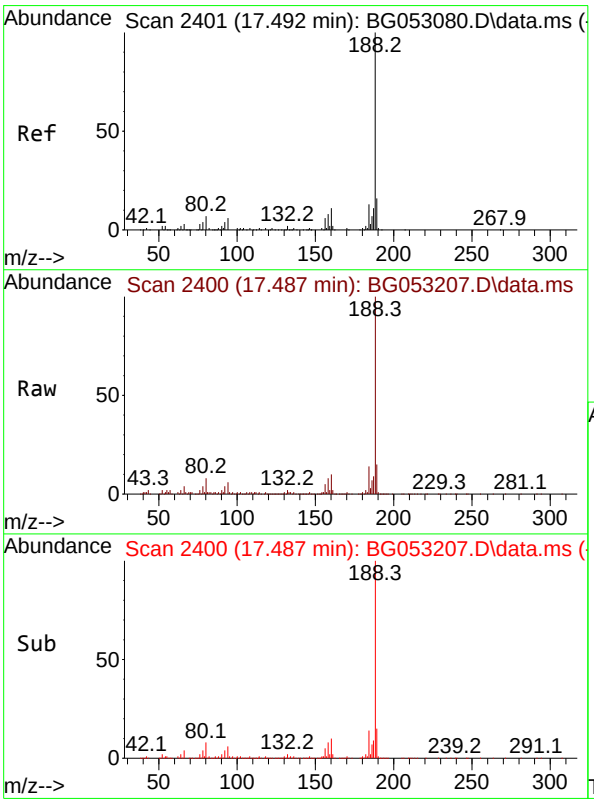
#58
Fluorene
Concen: 2.044 ng
RT: 15.784 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Instrument :
BNA_G
ClientSampleId :
OK-03-041822

Tgt Ion:166 Resp: 17571

Ion	Ratio	Lower	Upper
166	100		
165	81.2	78.6	117.8
167	14.0	10.9	16.3

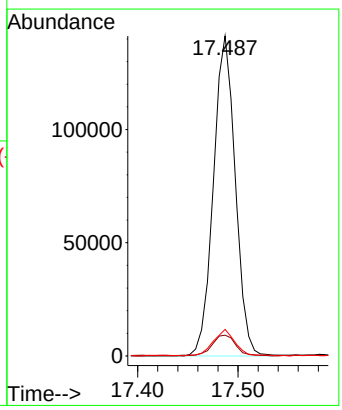


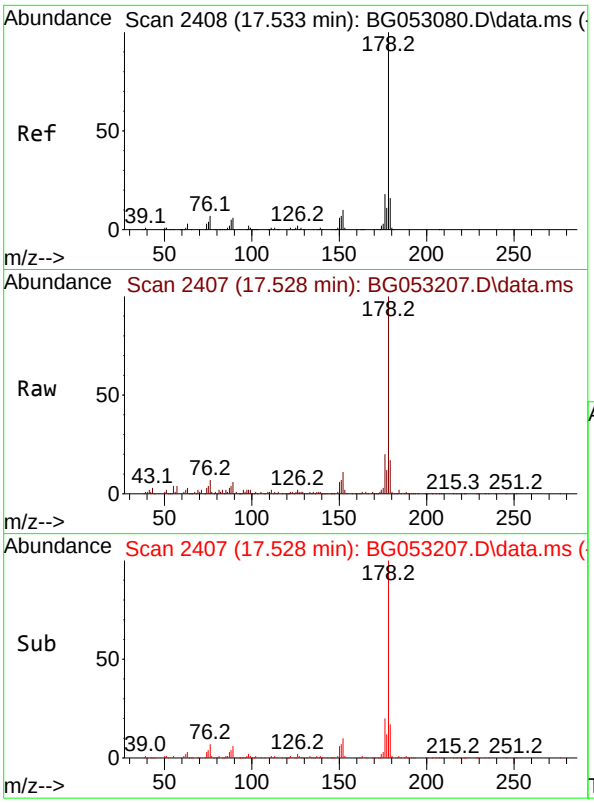


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2400
Delta R.T. -0.004 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Tgt Ion:188 Resp: 213960

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.7	8.5
80	8.3	7.2	10.8



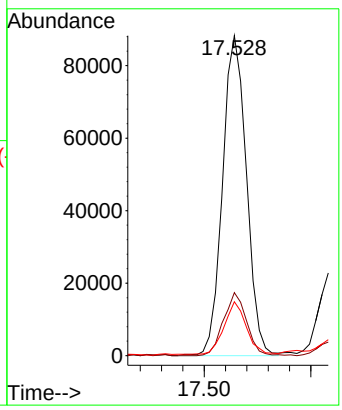


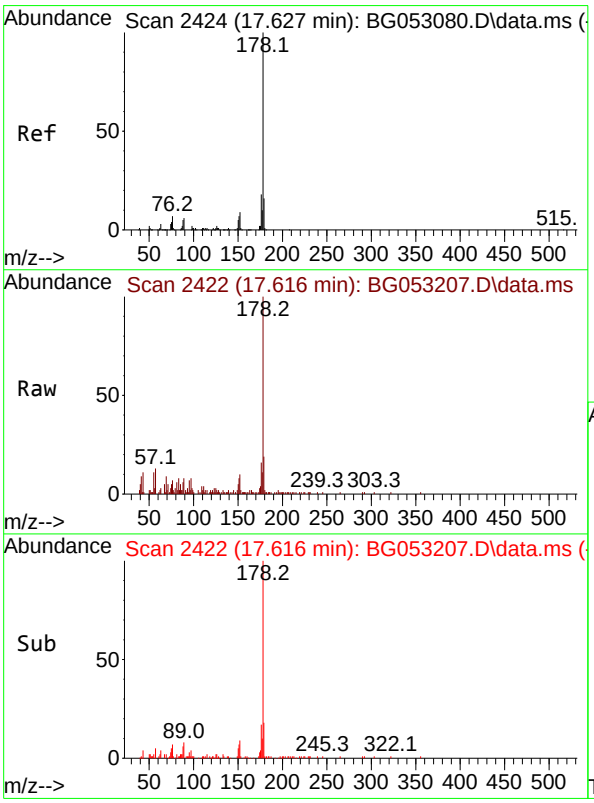
#71
Phenanthrene
Concen: 11.757 ng
RT: 17.528 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Instrument :
BNA_G
ClientSampleId :
OK-03-041822

Tgt Ion:178 Resp: 137398

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	16.8	13.4	20.2

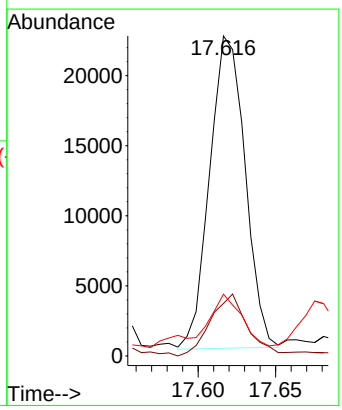


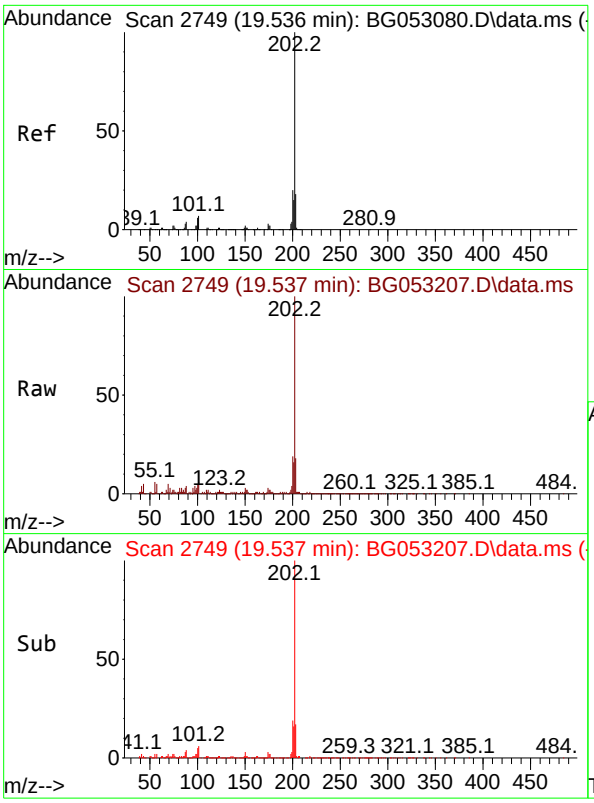


#72
Anthracene
Concen: 3.059 ng
RT: 17.616 min Scan# 2422
Delta R.T. -0.010 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Tgt Ion:178 Resp: 35414

Ion	Ratio	Lower	Upper
178	100		
176	16.4	14.7	22.1
179	19.3	13.2	19.8



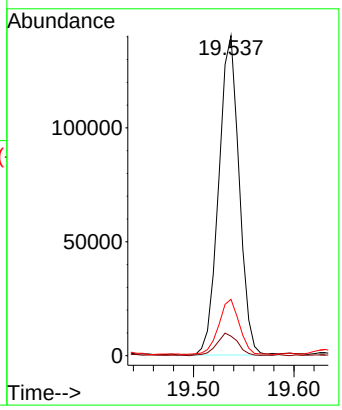


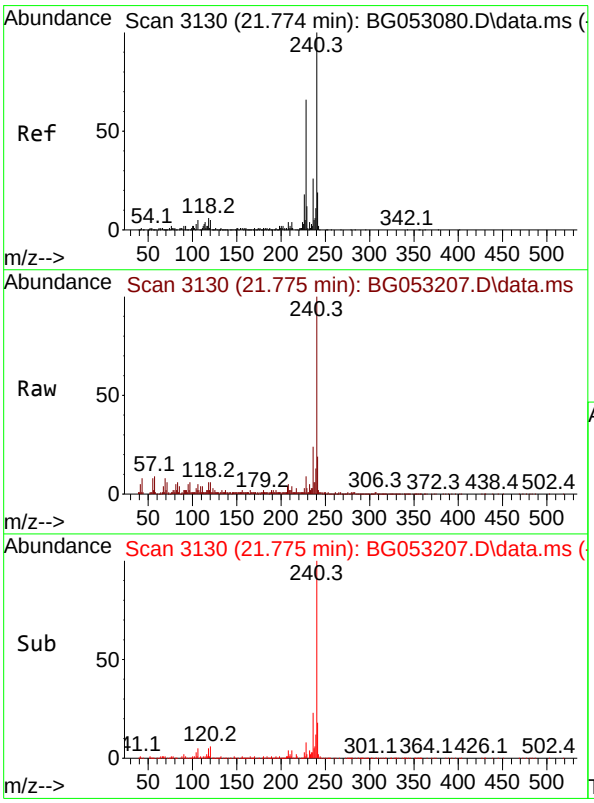
#75
Fluoranthene
Concen: 13.236 ng
RT: 19.537 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Instrument :
BNA_G
ClientSampleId :
OK-03-041822

Tgt Ion:202 Resp: 198290

Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	27.3
203	17.6	0.0	37.7

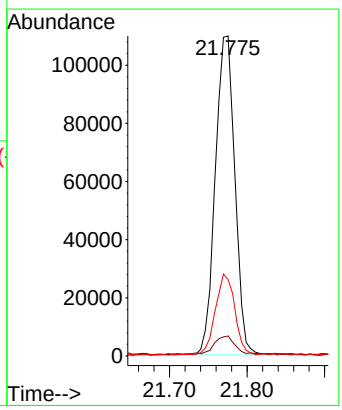


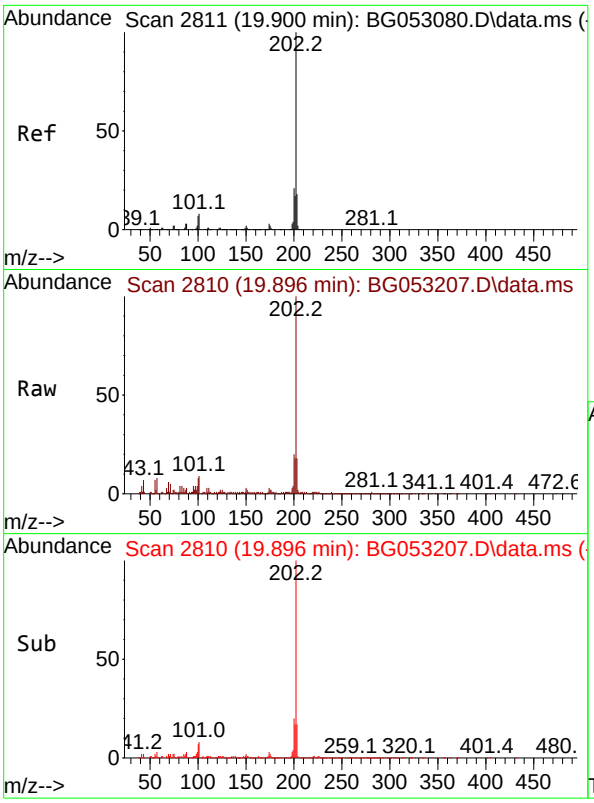


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.775 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Tgt Ion:240 Resp: 192468

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.4	8.0
236	23.8	19.8	29.6



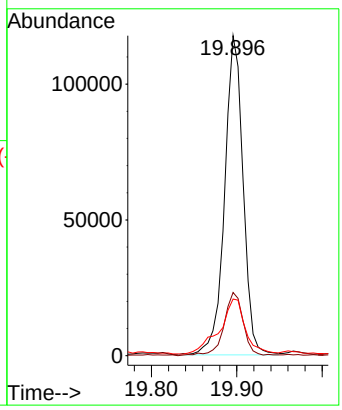


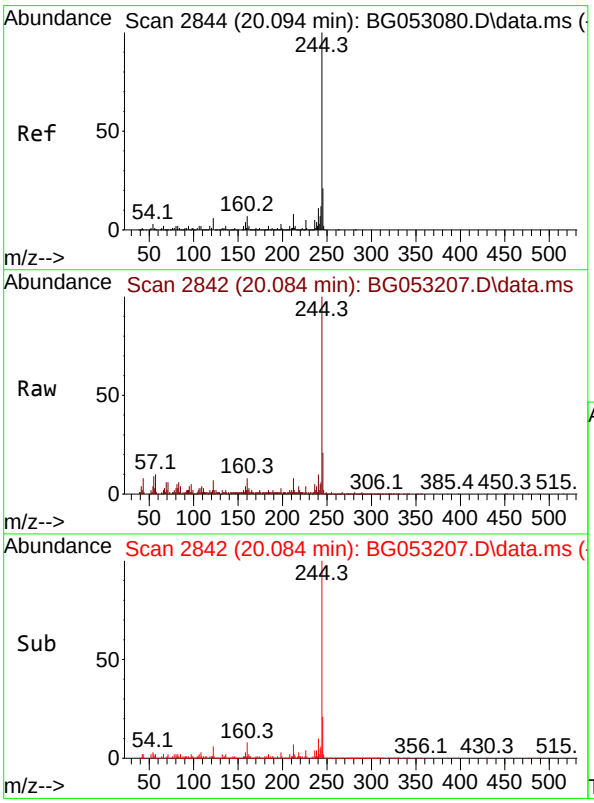
#78
Pyrene
Concen: 12.925 ng
RT: 19.896 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Instrument :
BNA_G
ClientSampleId :
OK-03-041822

Tgt Ion:202 Resp: 177172

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.0	25.6
203	17.7	15.0	22.6

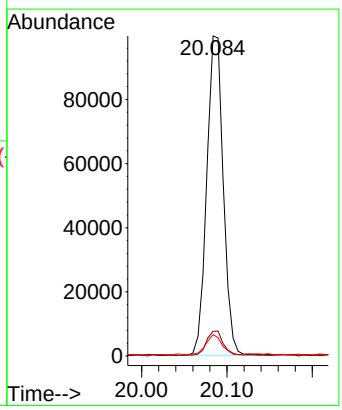


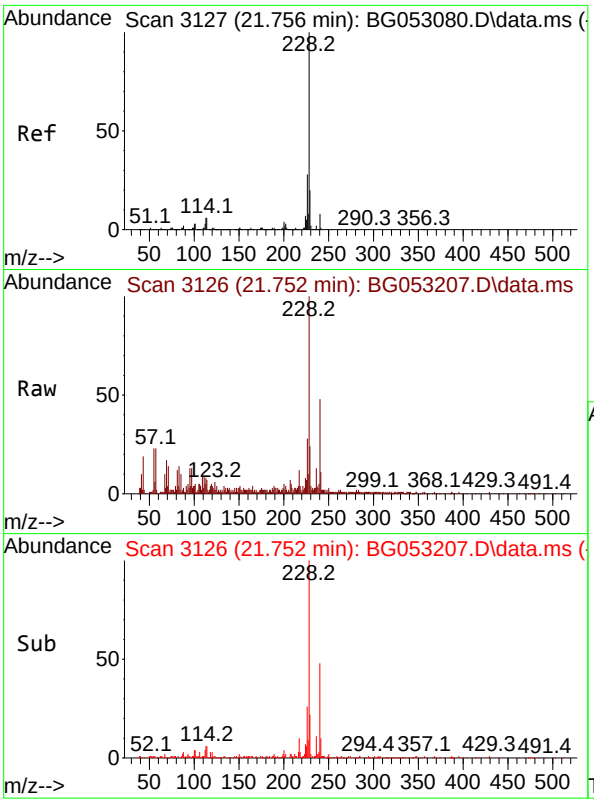


#79
Terphenyl-d14
Concen: 11.811 ng
RT: 20.084 min Scan# 2842
Delta R.T. -0.010 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Tgt Ion:244 Resp: 134599

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.2
122	6.6	5.8	8.6



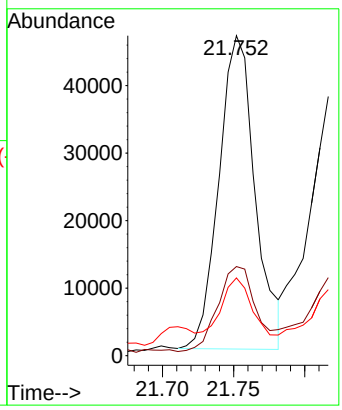


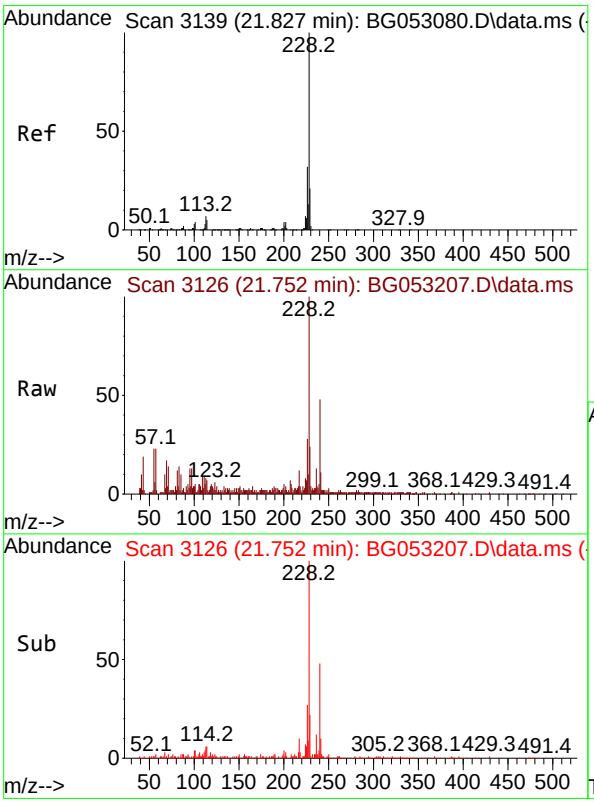
#81
Benzo(a)anthracene
Concen: 6.242 ng
RT: 21.752 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Instrument :
BNA_G
ClientSampleId :
OK-03-041822

Tgt Ion:228 Resp: 82144

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.4	32.0
229	24.3	16.7	25.1

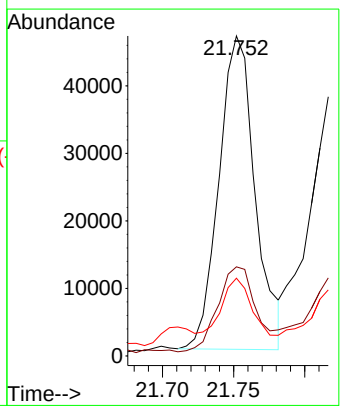


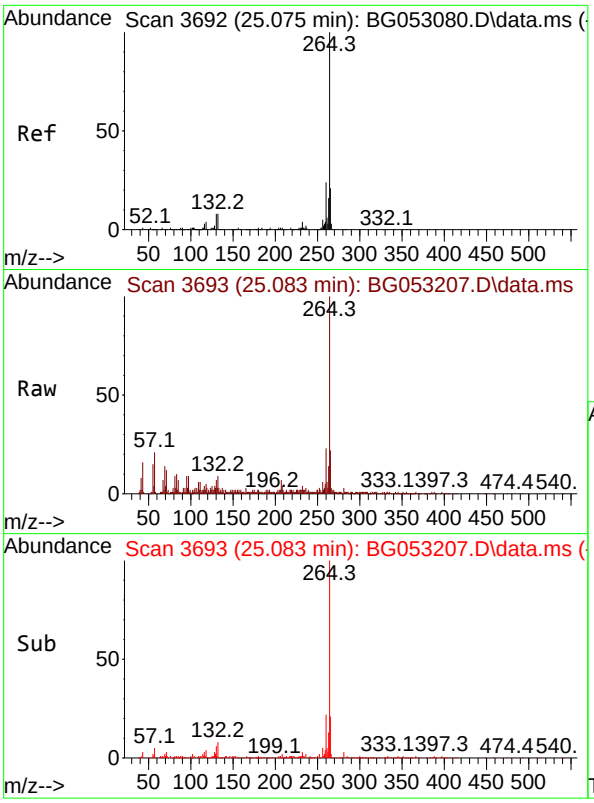


#83
Chrysene
Concen: 6.726 ng
RT: 21.752 min Scan# 3126
Delta R.T. -0.075 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Tgt Ion:228 Resp: 82144

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.2	36.4
229	24.3	16.3	24.5



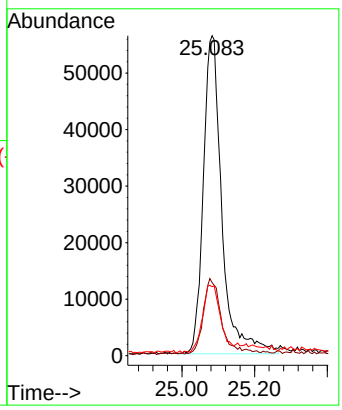


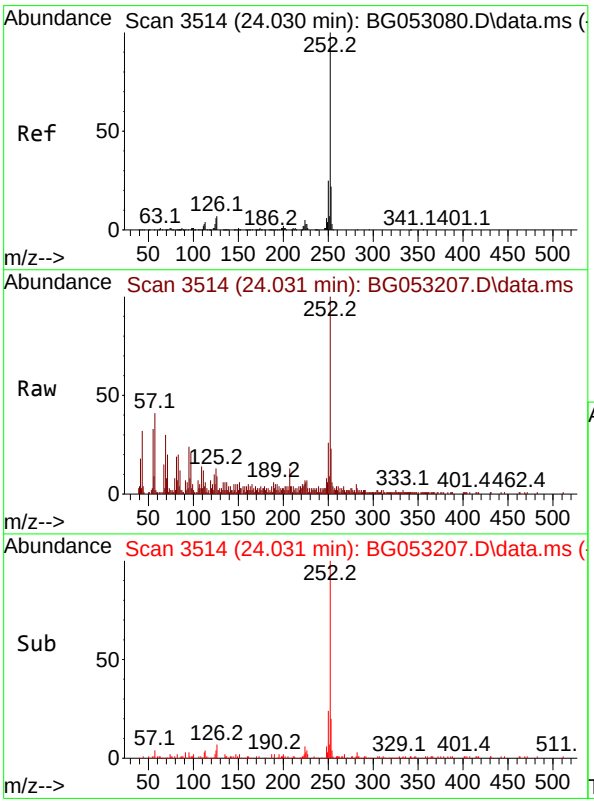
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.083 min Scan# 3
Delta R.T. 0.007 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Instrument :
BNA_G
ClientSampleId :
OK-03-041822

Tgt Ion:264 Resp: 200218

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	21.6	15.1	22.7

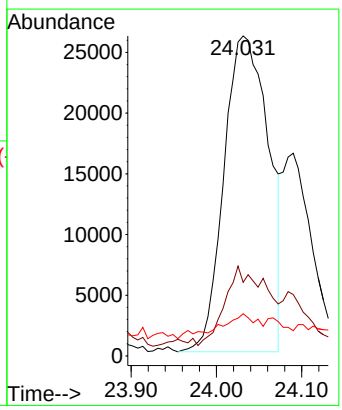


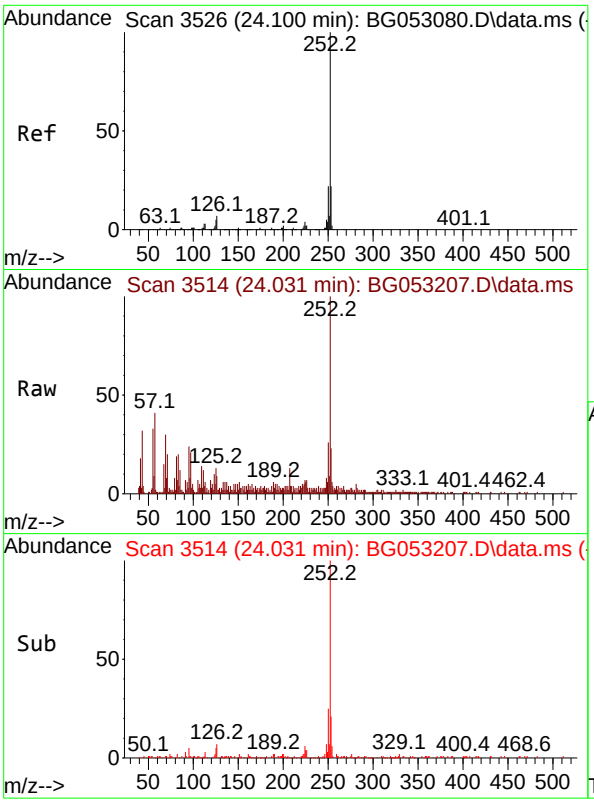


#88
Benzo(b)fluoranthene
Concen: 7.494 ng
RT: 24.031 min Scan# 3514
Delta R.T. 0.001 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Tgt Ion:252 Resp: 94670

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	13.2	5.2	7.8#



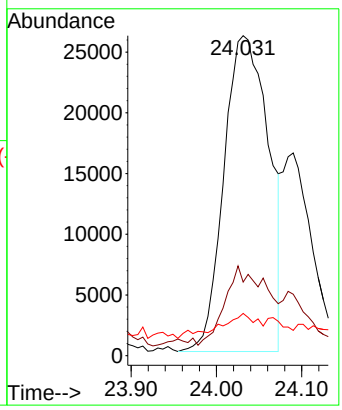


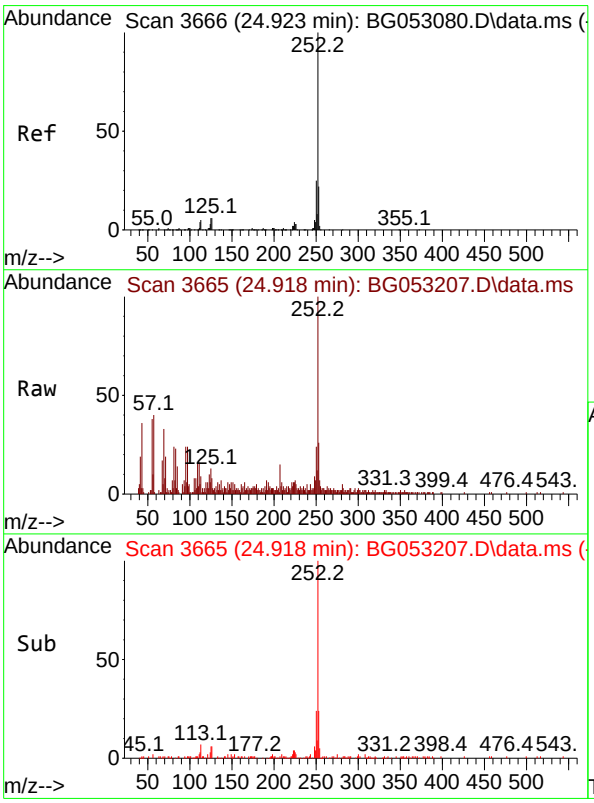
#89
Benzo(k)fluoranthene
Concen: 7.625 ng
RT: 24.031 min Scan# 3
Delta R.T. -0.069 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Instrument :
BNA_G
ClientSampleId :
OK-03-041822

Tgt Ion:252 Resp: 94670

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	13.2	5.0	7.4#





#90
Benzo(a)pyrene
Concen: 6.533 ng
RT: 24.918 min Scan# 3665
Delta R.T. -0.004 min
Lab File: BG053207.D
Acq: 19 Apr 2022 22:29

Tgt Ion:252 Resp: 70308

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.4	27.6
125	12.9	5.6	8.4#