Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055910.D
Acq On : 6 Dec 2022 19:27
Operator : CG/JU
Sample : N5885-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-04-120522

Quant Time: Dec 07 05:12:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 07 05:04:10 2022
Response via : Initial Calibration

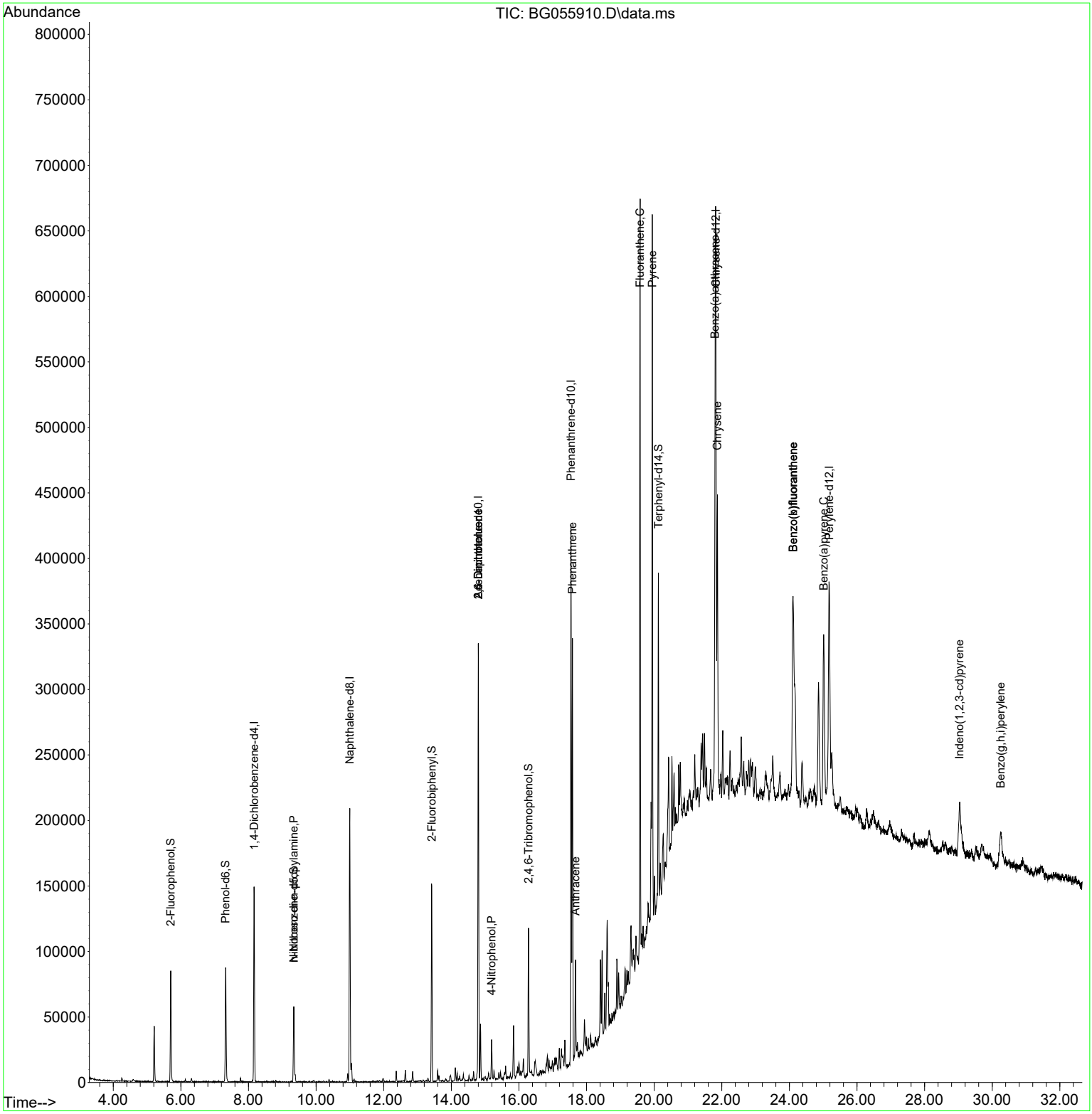
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.170	152	42218	20.000	ng		0.00
21) Naphthalene-d8	10.996	136	177462	20.000	ng		0.00
39) Acenaphthene-d10	14.798	164	122068	20.000	ng		0.00
64) Phenanthrene-d10	17.541	188	258104	20.000	ng		0.00
76) Chrysene-d12	21.825	240	231646	20.000	ng		0.00
86) Perylene-d12	25.180	264	240368	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.702	112	37057	15.866	ng		0.00
7) Phenol-d6	7.324	99	50246	16.161	ng		0.00
23) Nitrobenzene-d5	9.339	82	33420	9.954	ng		0.00
42) 2,4,6-Tribromophenol	16.284	330	22129	12.874	ng		0.00
45) 2-Fluorobiphenyl	13.423	172	81593	10.014	ng		0.00
79) Terphenyl-d14	20.127	244	116447	10.055	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.339	70	4820	2.018	ng	#	75
51) 2,6-Dinitrotoluene	14.798	165	16406	8.246	ng	#	26
56) 4-Nitrophenol	15.191	139	6361	3.711	ng	#	7
57) 2,4-Dinitrotoluene	14.798	165	16406	5.848	ng	#	24
71) Phenanthrene	17.583	178	202296	14.524	ng		98
72) Anthracene	17.677	178	50176	3.708	ng		100
75) Fluoranthene	19.586	202	373362	22.034	ng		99
78) Pyrene	19.944	202	341902	21.805	ng		100
81) Benzo(a)anthracene	21.801	228	186580	11.694	ng		100
83) Chrysene	21.872	228	174250	11.472	ng		98
87) Indeno(1,2,3-cd)pyrene	29.034	276	87063	4.421	ng		95
88) Benzo(b)fluoranthene	24.110	252	230589	14.730	ng	#	96
89) Benzo(k)fluoranthene	24.110	252	230589	14.778	ng	#	95
90) Benzo(a)pyrene	25.015	252	179906	13.393	ng		97
92) Benzo(g,h,i)perylene	30.250	276	72830	4.491	ng		97

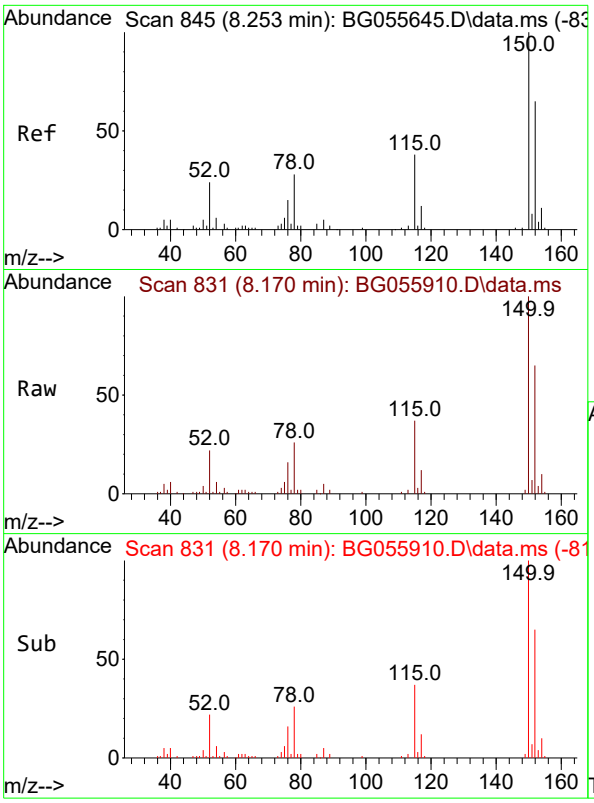
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055910.D
Acq On : 6 Dec 2022 19:27
Operator : CG/JU
Sample : N5885-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-04-120522

Quant Time: Dec 07 05:12:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 07 05:04:10 2022
Response via : Initial Calibration



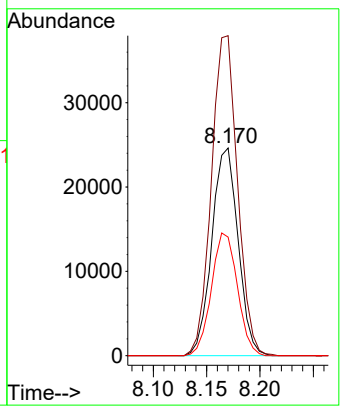


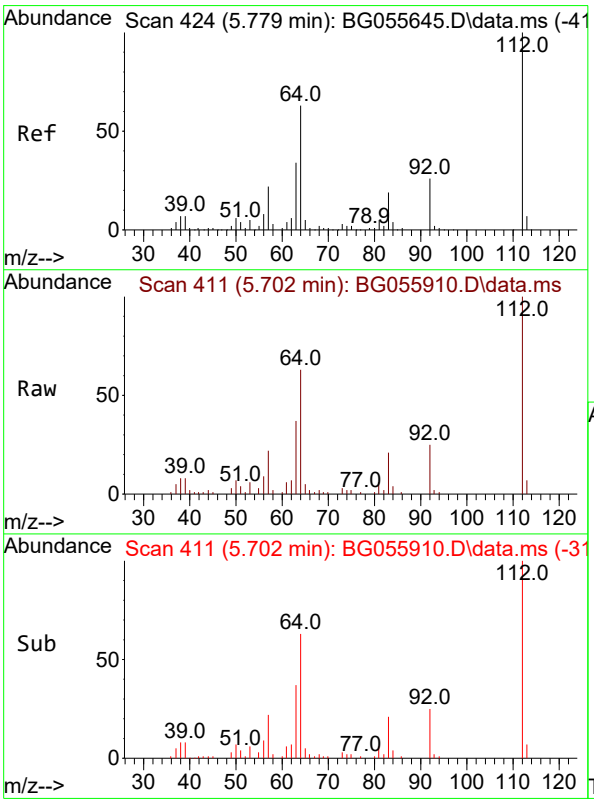
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.170 min Scan# 8
Delta R.T. 0.008 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Instrument :
BNA_G
ClientSampleId :
JC-04-120522

Tgt Ion:152 Resp: 42218

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.0	184.6
115	57.0	47.0	70.4

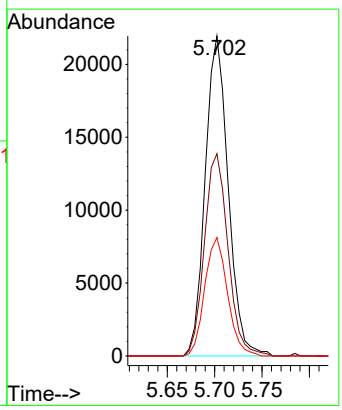


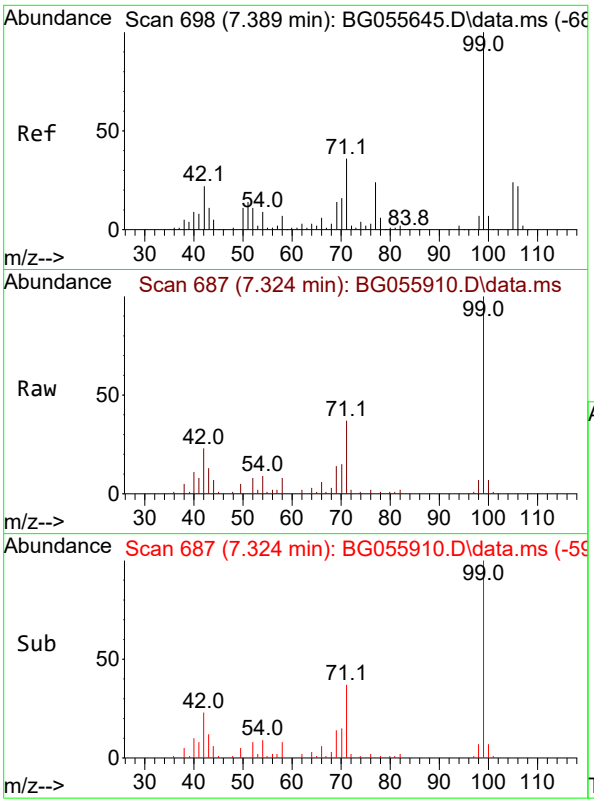


#5
2-Fluorophenol
Concen: 15.866 ng
RT: 5.702 min Scan# 411
Delta R.T. 0.008 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Tgt Ion:112 Resp: 37057

Ion	Ratio	Lower	Upper
112	100		
64	63.2	50.6	76.0
63	37.0	27.5	41.3



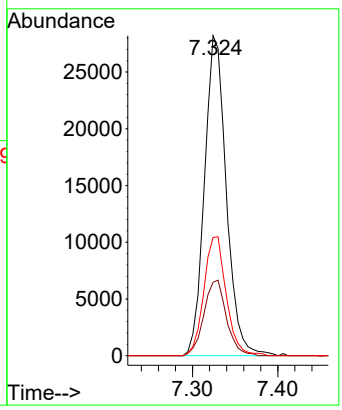


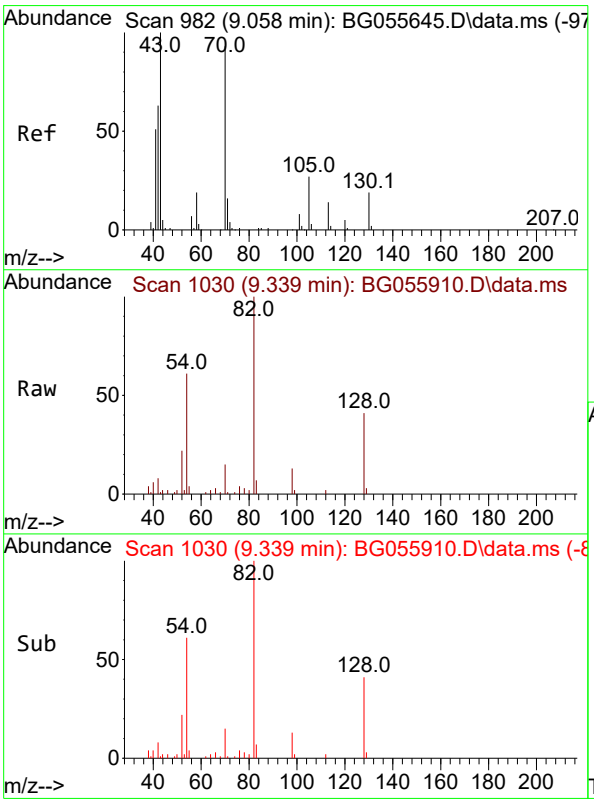
#7
Phenol-d6
Concen: 16.161 ng
RT: 7.324 min Scan# 6
Delta R.T. 0.002 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Instrument :
BNA_G
ClientSampleId :
JC-04-120522

Tgt Ion: 99 Resp: 50246

Ion	Ratio	Lower	Upper
99	100		
42	22.9	18.0	27.0
71	36.9	29.0	43.6

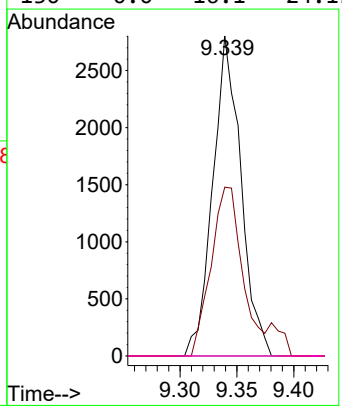


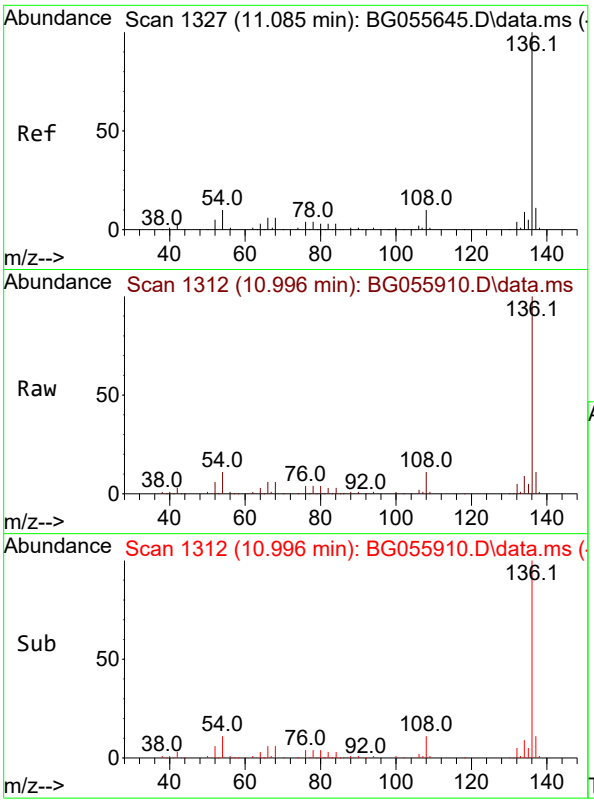


#19
n-Nitroso-di-n-propylamine
Concen: 2.018 ng
RT: 9.339 min Scan# 1030
Delta R.T. 0.366 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Tgt Ion: 70 Resp: 4820

Ion	Ratio	Lower	Upper
70	100		
42	52.8	55.2	82.8#
101	0.0	7.1	10.7#
130	0.0	16.1	24.1#



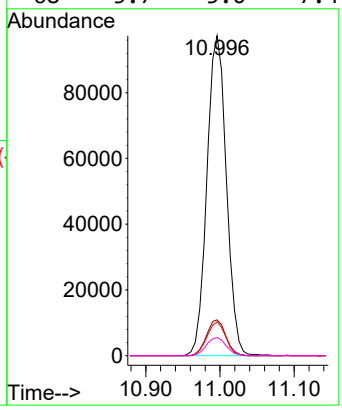


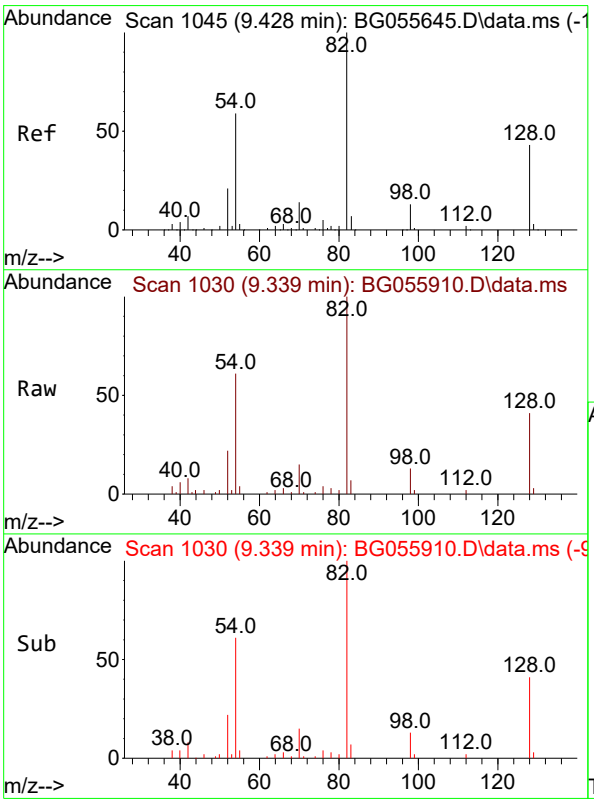
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.996 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Instrument :
BNA_G
ClientSampleId :
JC-04-120522

Tgt Ion:136 Resp: 177462

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	10.6	7.8	11.6
68	5.7	5.0	7.4

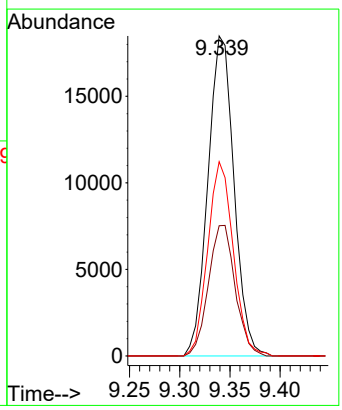


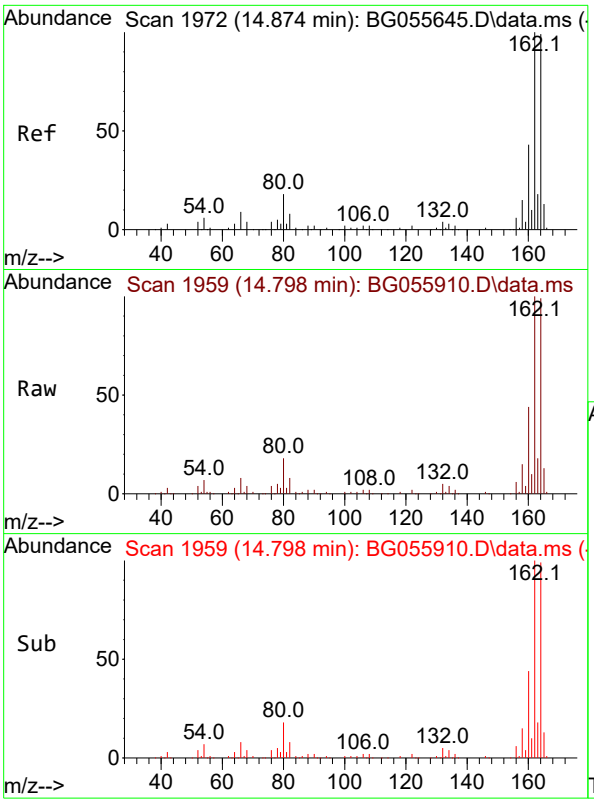


#23
Nitrobenzene-d5
Concen: 9.954 ng
RT: 9.339 min Scan# 1030
Delta R.T. -0.004 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Tgt Ion: 82 Resp: 33420

Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.1	51.1
54	60.7	47.3	70.9



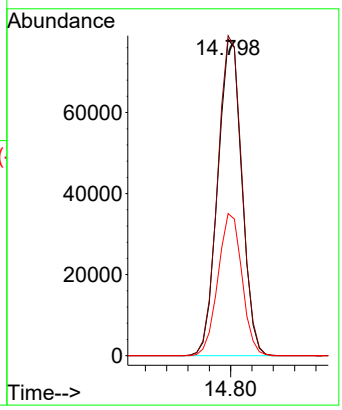


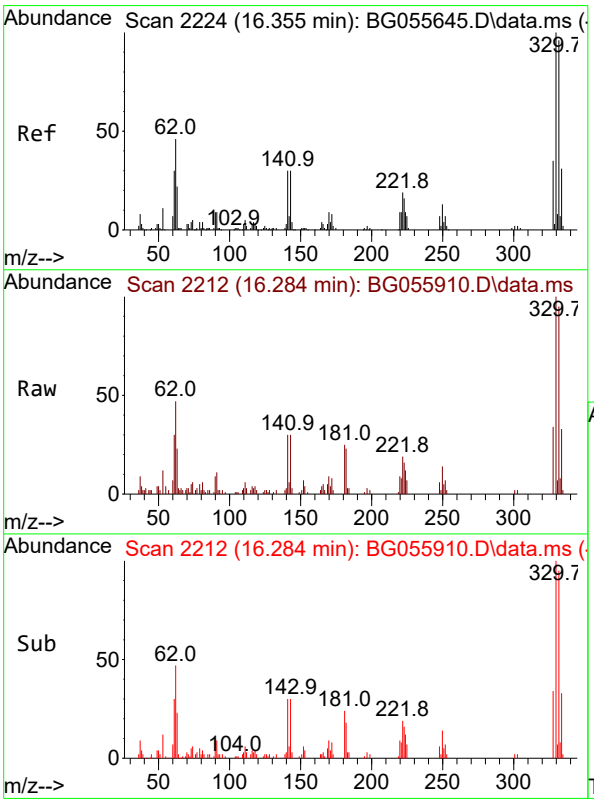
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.798 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Instrument :
BNA_G
ClientSampleId :
JC-04-120522

Tgt Ion:164 Resp: 122068

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.1	121.7
160	44.9	34.8	52.2

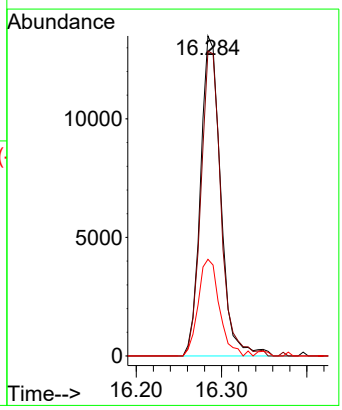


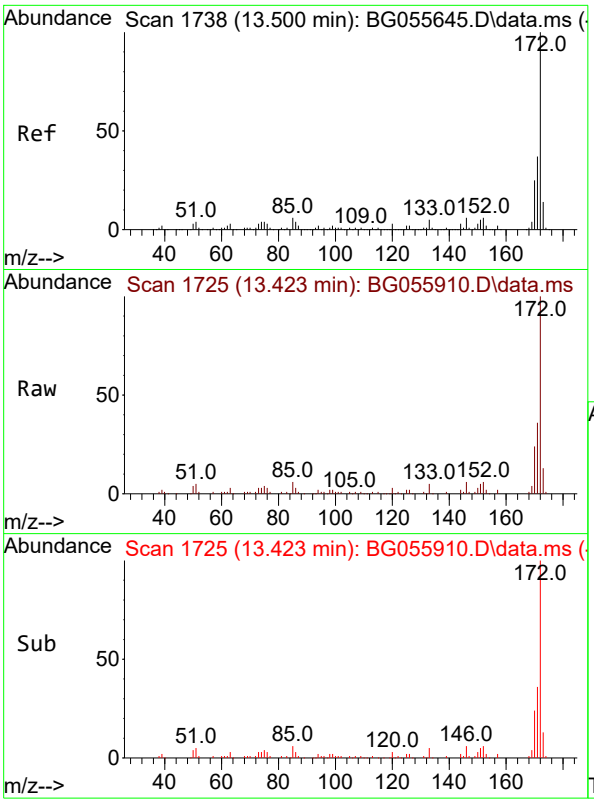


#42
2,4,6-Tribromophenol
Concen: 12.874 ng
RT: 16.284 min Scan# 2212
Delta R.T. -0.004 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Tgt Ion:330 Resp: 22129

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.8	116.8
141	31.9	23.9	35.9



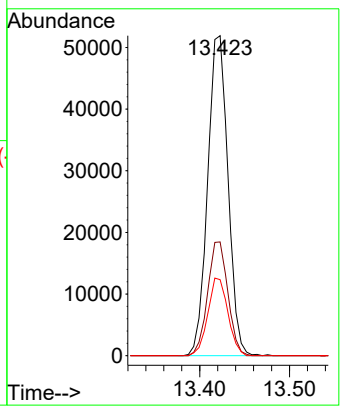


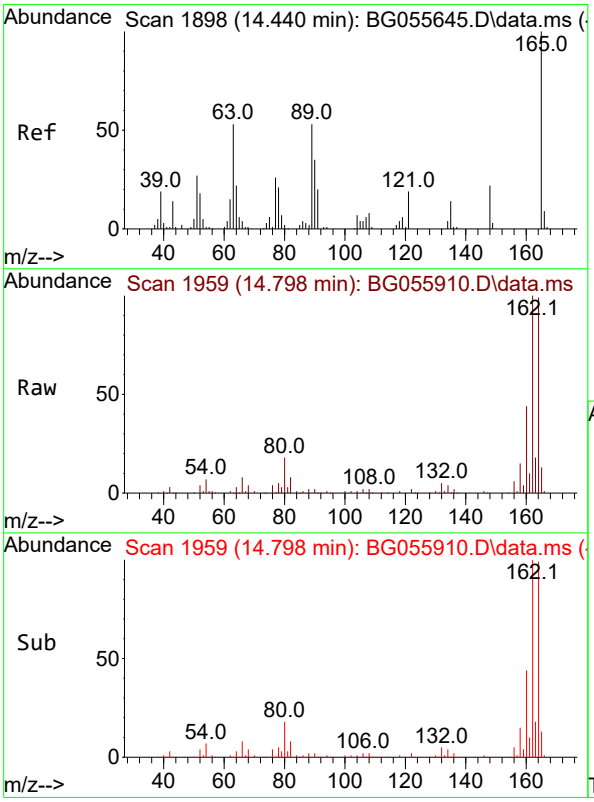
#45
2-Fluorobiphenyl
Concen: 10.014 ng
RT: 13.423 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Instrument :
BNA_G
ClientSampleId :
JC-04-120522

Tgt Ion:172 Resp: 81593

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.8	44.6
170	23.8	20.2	30.4

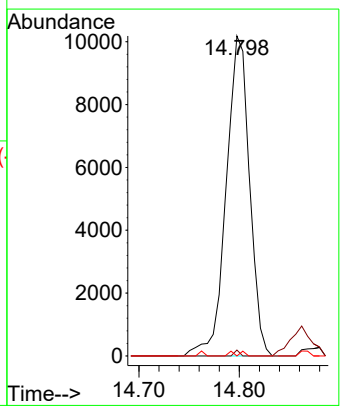


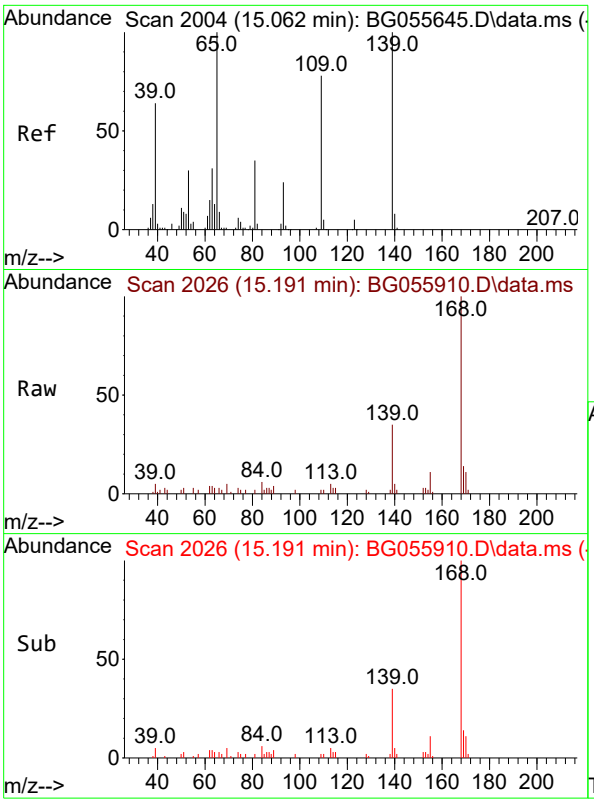


#51
2,6-Dinitrotoluene
Concen: 8.246 ng
RT: 14.798 min Scan# 1959
Delta R.T. 0.425 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Tgt Ion:165 Resp: 16406

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.6	66.8#
89	0.0	42.2	63.4#



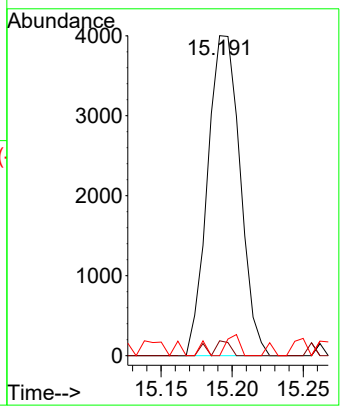


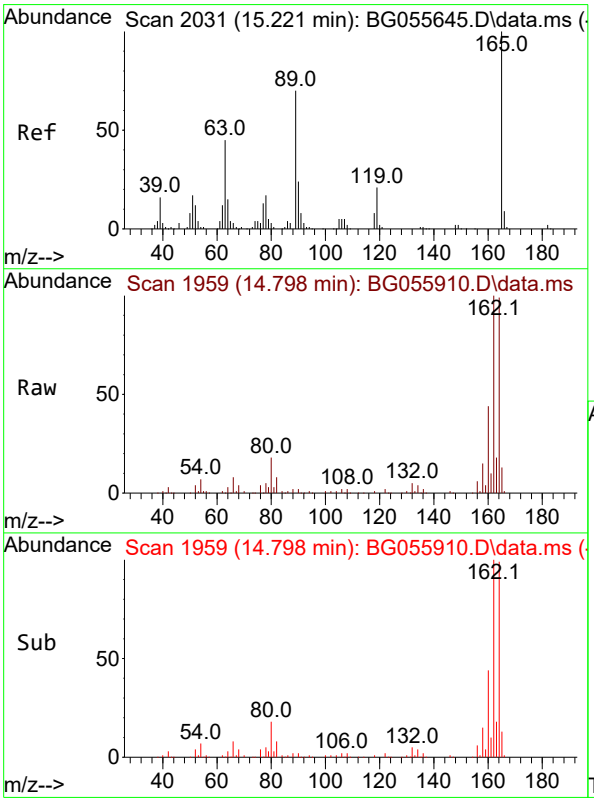
#56
4-Nitrophenol
Concen: 3.711 ng
RT: 15.191 min Scan# 2
Delta R.T. 0.161 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Instrument :
BNA_G
ClientSampleId :
JC-04-120522

Tgt Ion:139 Resp: 6361

Ion	Ratio	Lower	Upper
139	100		
109	4.6	58.6	98.6#
65	0.0	80.5	120.5#

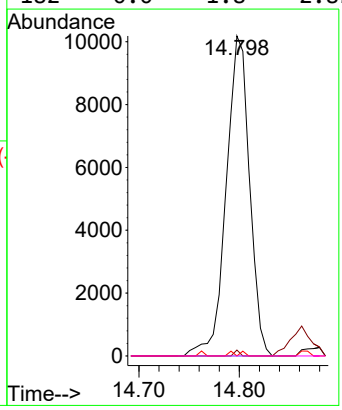


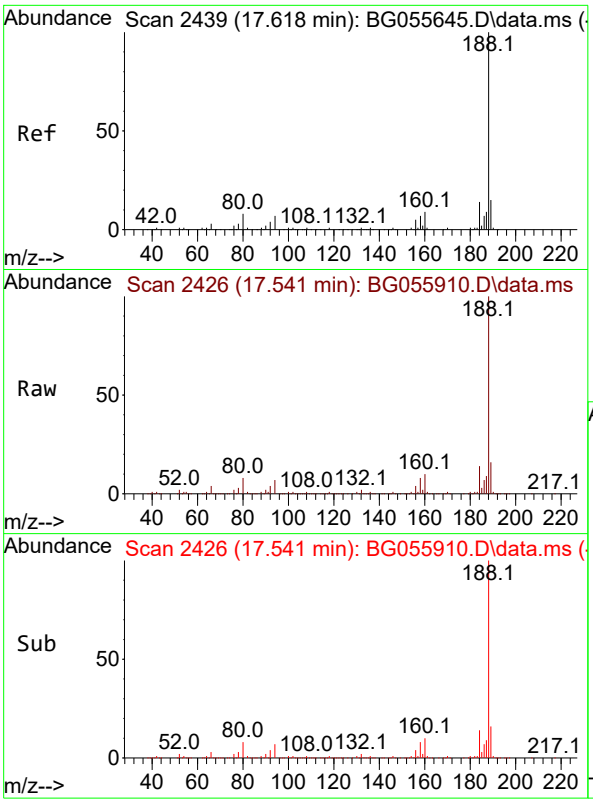


#57
2,4-Dinitrotoluene
Concen: 5.848 ng
RT: 14.798 min Scan# 1959
Delta R.T. -0.368 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Tgt Ion:165 Resp: 16406

Ion	Ratio	Lower	Upper
165	100		
63	1.8	35.8	53.8#
89	0.0	56.2	84.4#
182	0.0	1.8	2.8#



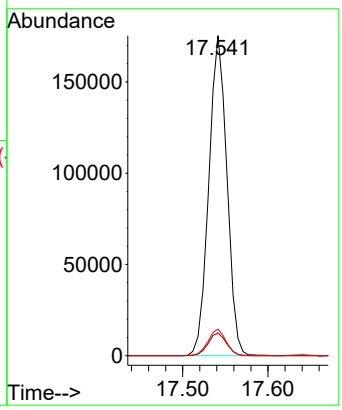


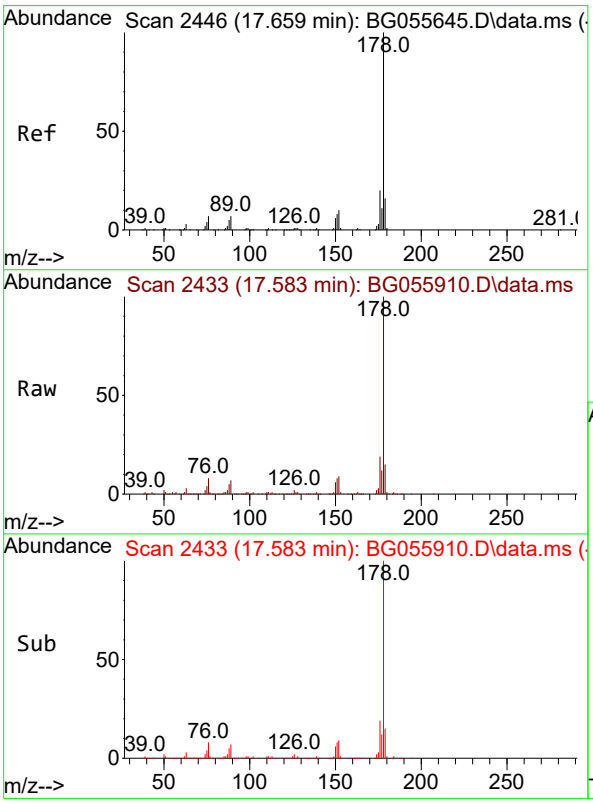
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.541 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Instrument :
BNA_G
ClientSampleId :
JC-04-120522

Tgt Ion:188 Resp: 258104

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.4	8.2
80	8.3	6.6	10.0

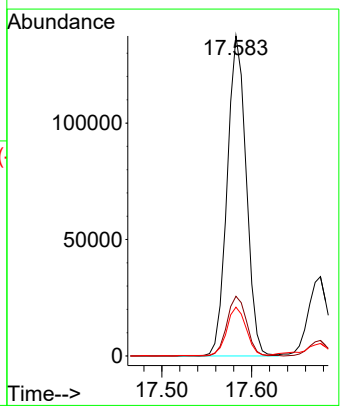


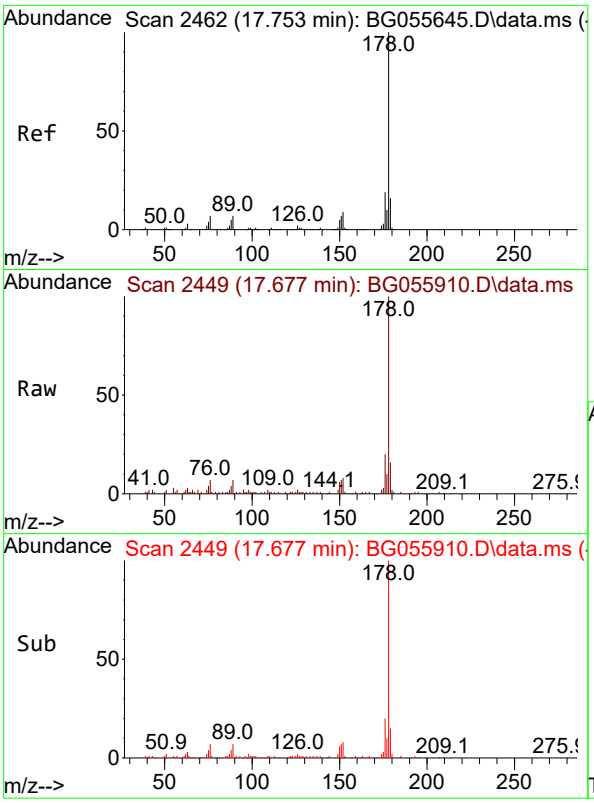


#71
Phenanthrene
Concen: 14.524 ng
RT: 17.583 min Scan# 2433
Delta R.T. -0.004 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Tgt Ion:178 Resp: 202296

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	15.3	12.7	19.1



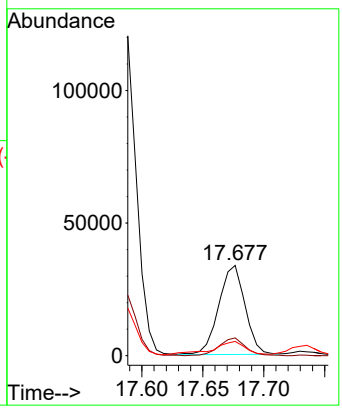


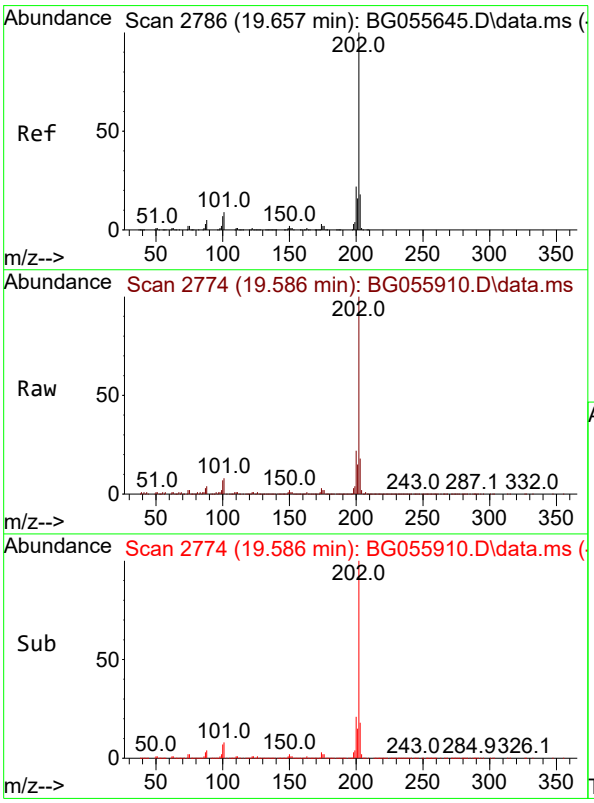
#72
Anthracene
Concen: 3.708 ng
RT: 17.677 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Instrument :
BNA_G
ClientSampleId :
JC-04-120522

Tgt Ion:178 Resp: 50176

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.8	12.5	18.7

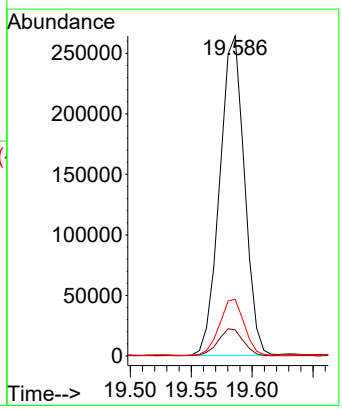


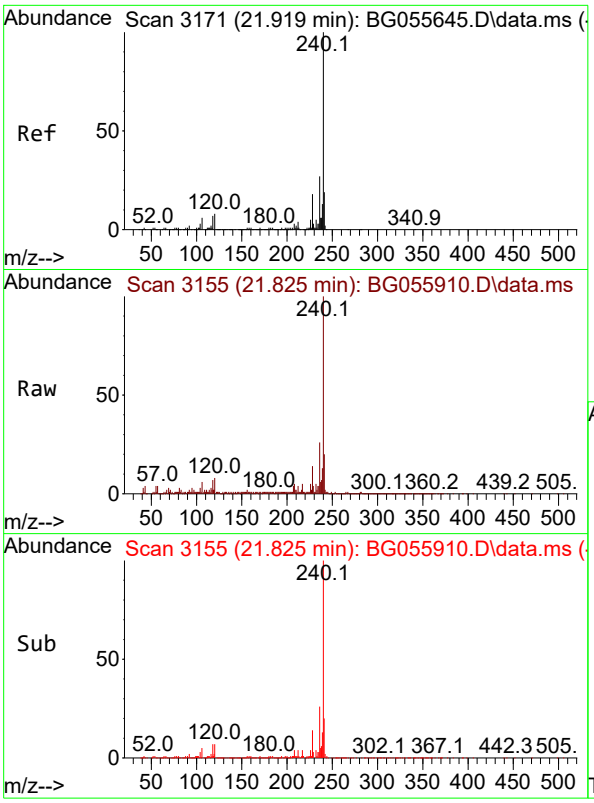


#75
Fluoranthene
Concen: 22.034 ng
RT: 19.586 min Scan# 2774
Delta R.T. 0.002 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Tgt Ion:202 Resp: 373362

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	28.8
203	17.7	0.0	38.1



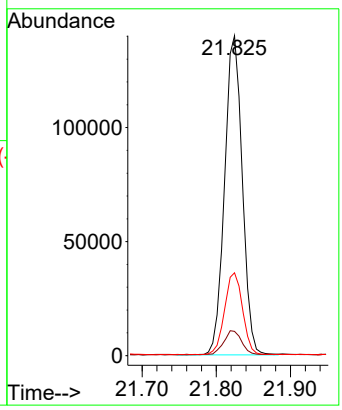


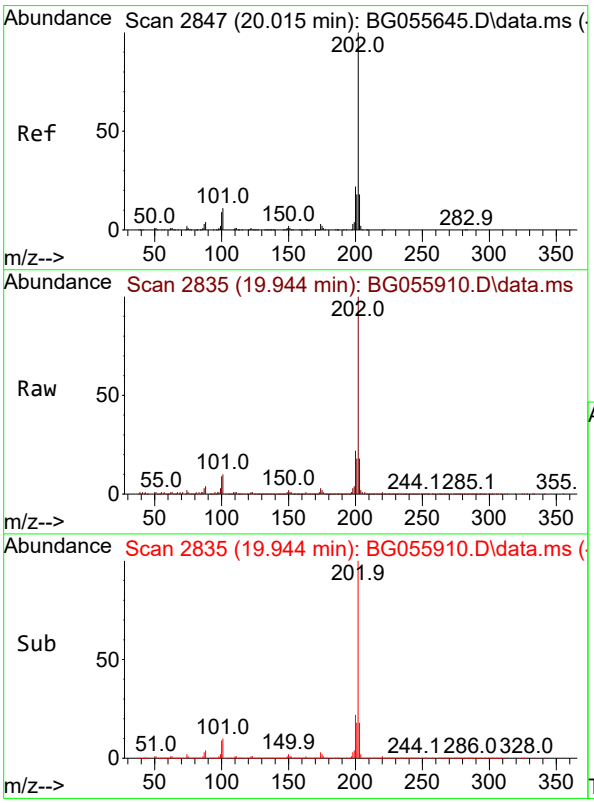
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.825 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Instrument :
BNA_G
ClientSampleId :
JC-04-120522

Tgt Ion:240 Resp: 231646

Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.3	9.5
236	25.9	21.9	32.9

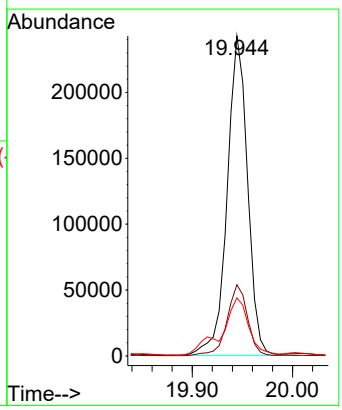


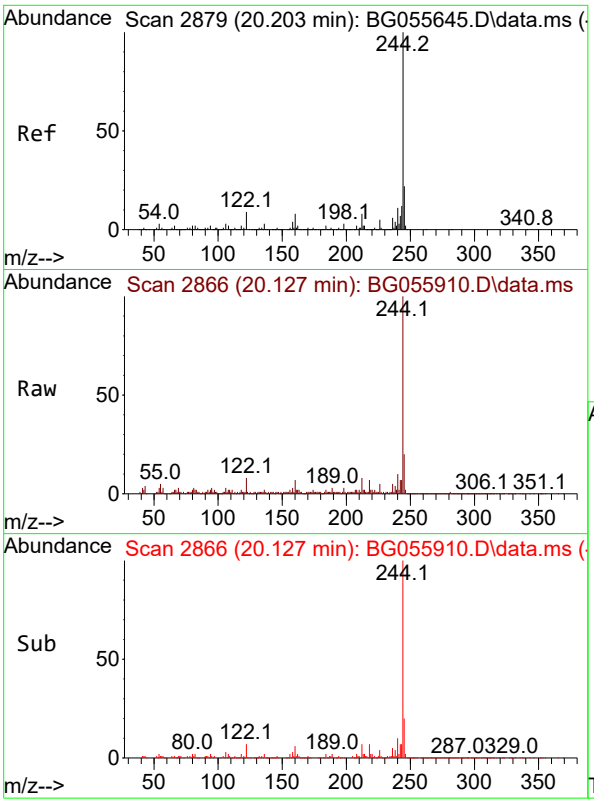


#78
Pyrene
Concen: 21.805 ng
RT: 19.944 min Scan# 2835
Delta R.T. -0.004 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Tgt Ion:202 Resp: 341902

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.6
203	18.2	14.4	21.6



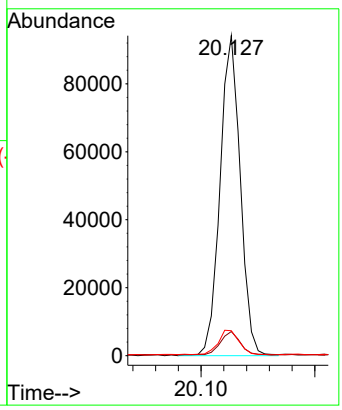


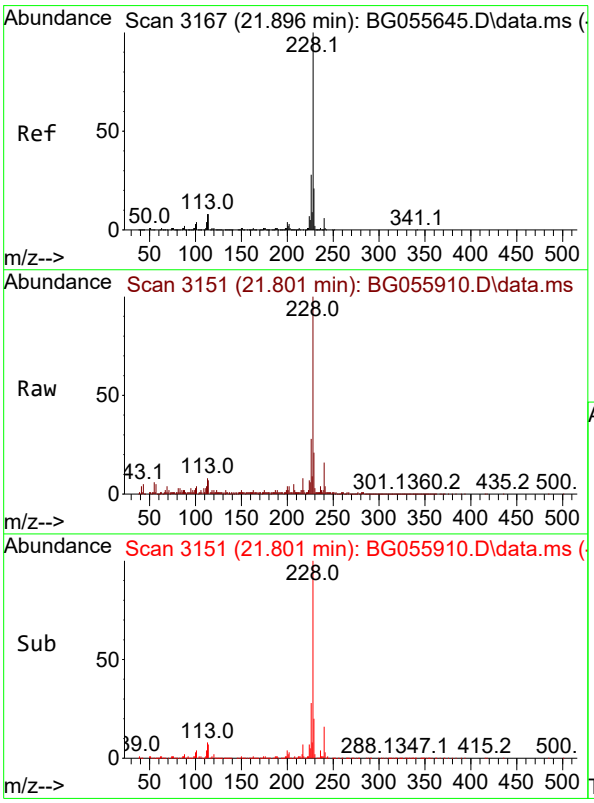
#79
Terphenyl-d14
Concen: 10.055 ng
RT: 20.127 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Instrument :
BNA_G
ClientSampleId :
JC-04-120522

Tgt Ion:244 Resp: 116447

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	7.8	6.9	10.3

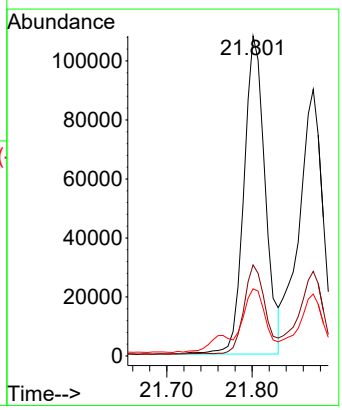


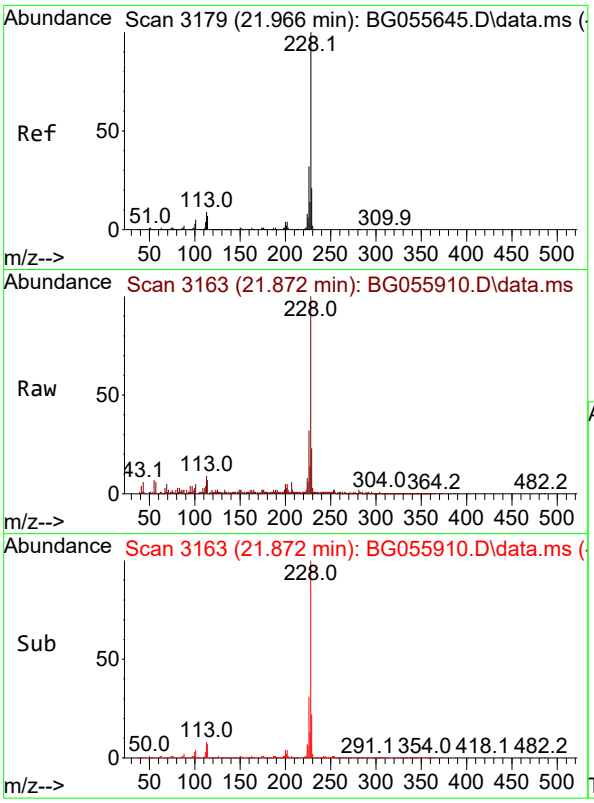


#81
Benzo(a)anthracene
Concen: 11.694 ng
RT: 21.801 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Tgt Ion:228 Resp: 186580

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.7	34.1
229	21.0	16.5	24.7



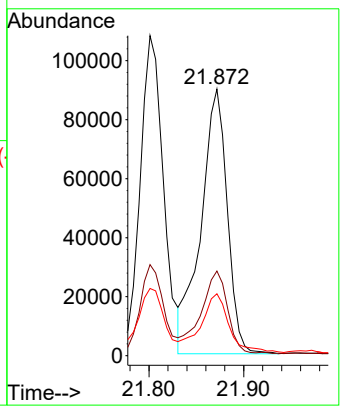


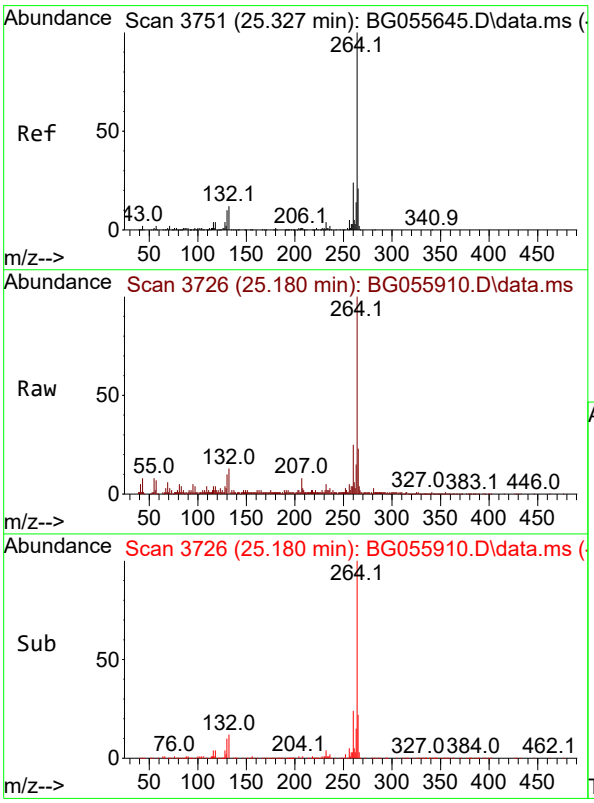
#83
Chrysene
Concen: 11.472 ng
RT: 21.872 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Instrument :
BNA_G
ClientSampleId :
JC-04-120522

Tgt Ion:228 Resp: 174250

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.4	38.2
229	23.2	17.1	25.7

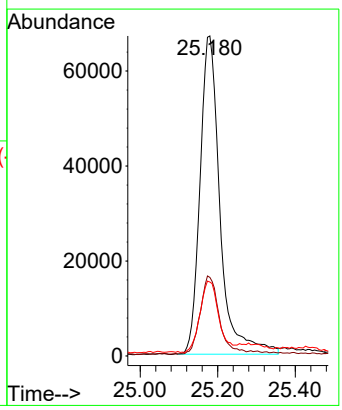


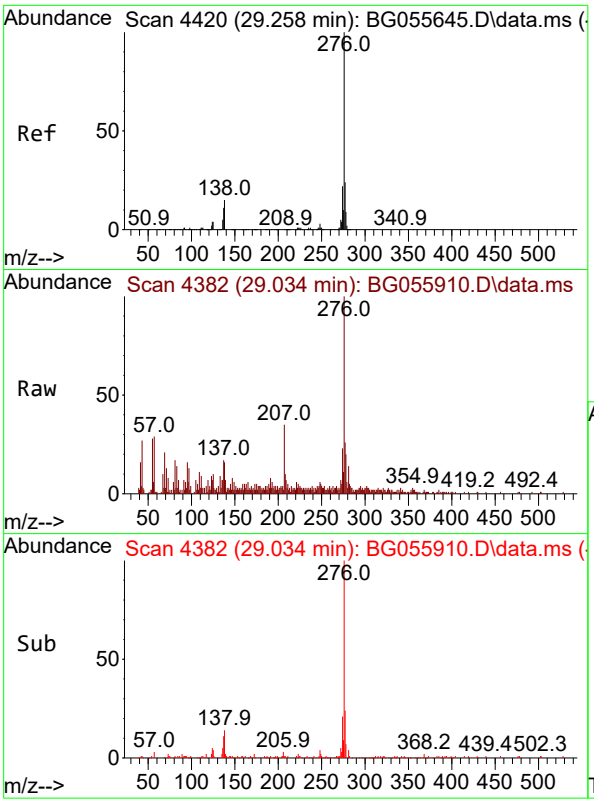


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.180 min Scan# 3726
Delta R.T. 0.002 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Tgt Ion:264 Resp: 240368

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	23.1	17.1	25.7



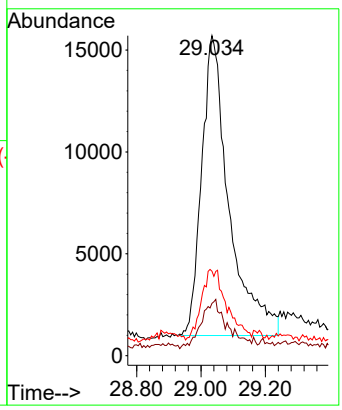


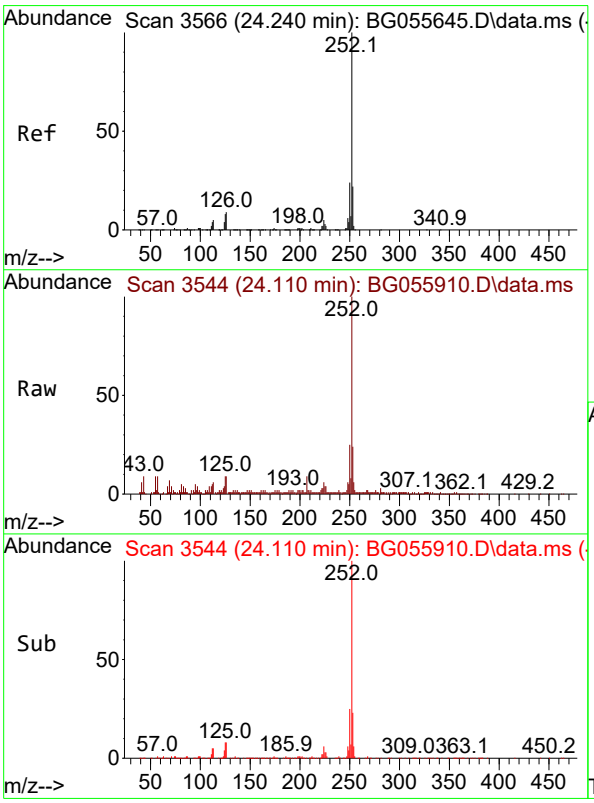
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.421 ng
RT: 29.034 min Scan# 4
Delta R.T. -0.010 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Instrument :
BNA_G
ClientSampleId :
JC-04-120522

Tgt Ion:276 Resp: 87063

Ion	Ratio	Lower	Upper
276	100		
138	13.4	10.4	15.6
277	21.8	20.2	30.4

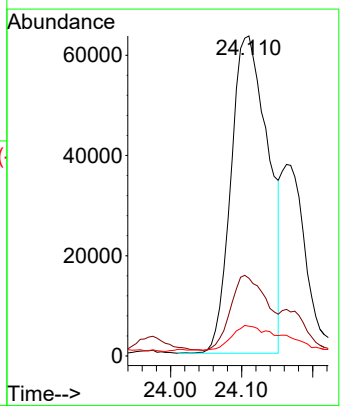


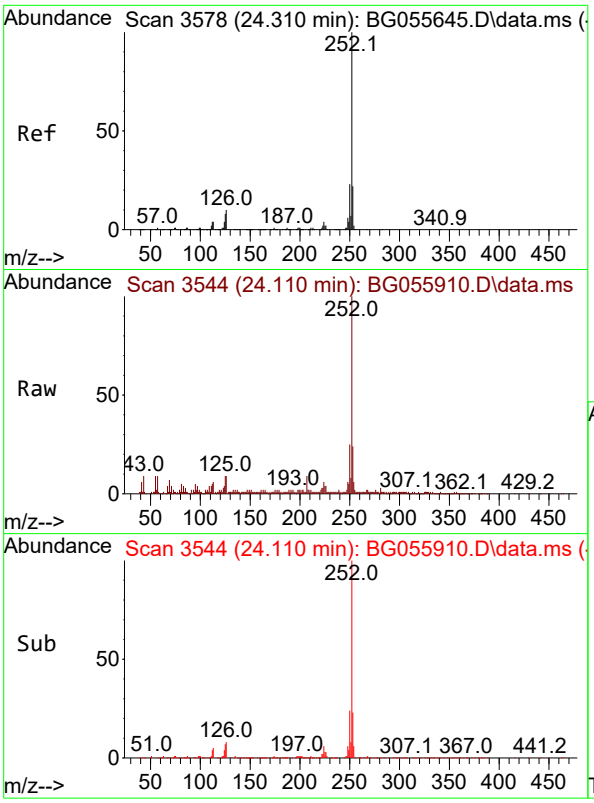


#88
Benzo(b)fluoranthene
Concen: 14.730 ng
RT: 24.110 min Scan# 3544
Delta R.T. 0.002 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Tgt Ion:252 Resp: 230589

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	9.3	6.2	9.2#



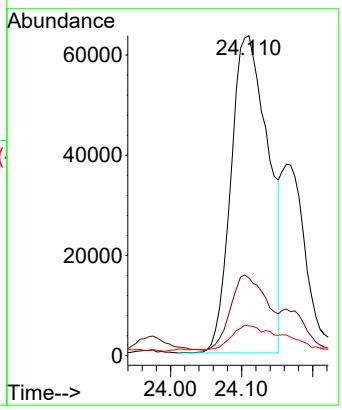


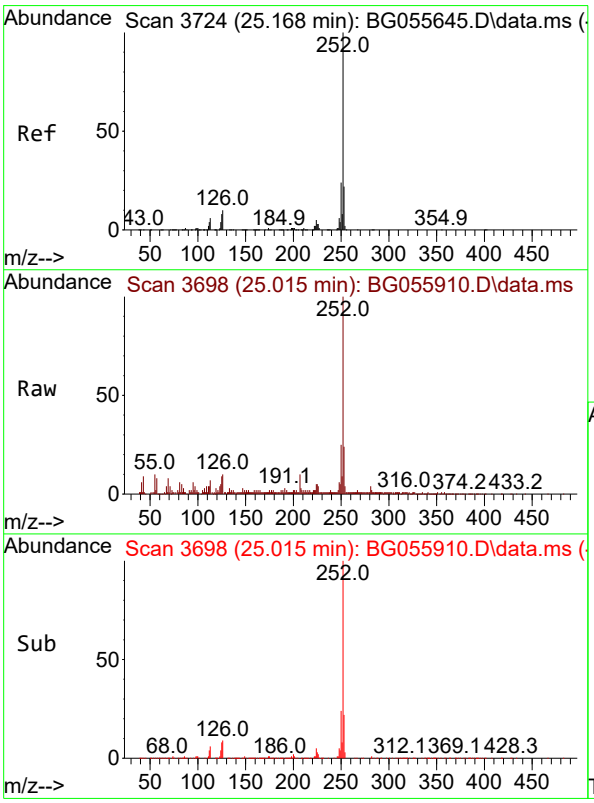
#89
Benzo(k)fluoranthene
Concen: 14.778 ng
RT: 24.110 min Scan# 3
Delta R.T. -0.068 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Instrument :
BNA_G
ClientSampleId :
JC-04-120522

Tgt Ion:252 Resp: 230589

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	9.3	6.1	9.1#

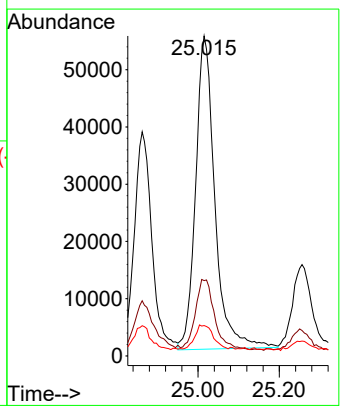


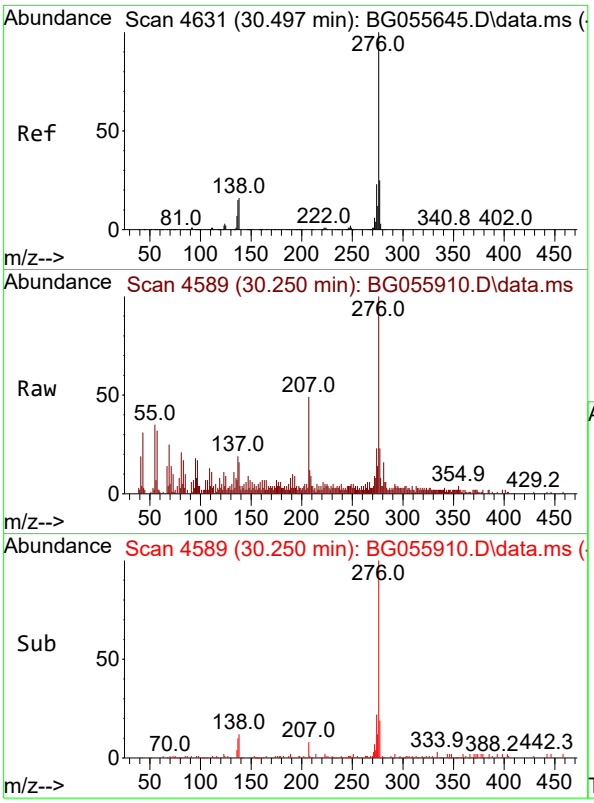


#90
Benzo(a)pyrene
Concen: 13.393 ng
RT: 25.015 min Scan# 3698
Delta R.T. -0.004 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Tgt Ion:252 Resp: 179906

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	9.5	6.4	9.6





#92
Benzo(g,h,i)perylene
Concen: 4.491 ng
RT: 30.250 min Scan# 4
Delta R.T. -0.004 min
Lab File: BG055910.D
Acq: 6 Dec 2022 19:27

Instrument :
BNA_G
ClientSampleId :
JC-04-120522

Tgt Ion:276 Resp: 72830

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.8	29.6
138	15.8	13.1	19.7