Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
Data File : BG055330.D
Acq On : 27 Oct 2022 19:23
Operator : CG/JU
Sample : N5268-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-102422

Quant Time: Oct 27 20:47:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	46605	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	201794	20.000	ng	0.00
39) Acenaphthene-d10	14.882	164	123317	20.000	ng	0.00
64) Phenanthrene-d10	17.620	188	245256	20.000	ng	0.00
76) Chrysene-d12	21.898	240	221684	20.000	ng	0.00
86) Perylene-d12	25.311	264	210589	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	256102	96.219	ng	0.00
7) Phenol-d6	7.415	99	348915	90.483	ng	0.00
23) Nitrobenzene-d5	9.442	82	218352	55.253	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	128103	95.559	ng	0.00
45) 2-Fluorobiphenyl	13.508	172	450071	59.737	ng	0.00
79) Terphenyl-d14	20.194	244	574658	53.859	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.442	70	29047	9.071	ng	# 80
51) 2,6-Dinitrotoluene	14.882	165	16478	8.364	ng	# 20
57) 2,4-Dinitrotoluene	14.882	165	16478	5.763	ng	# 19
67) 4-Bromophenyl-phenylether	16.363	248	8268	3.470	ng	# 1
71) Phenanthrene	17.661	178	40142	3.069	ng	99
75) Fluoranthene	19.647	202	70105	4.600	ng	99
78) Pyrene	20.012	202	91658	6.032	ng	96
81) Benzo(a)anthracene	21.874	228	40963	2.752	ng	# 90
83) Chrysene	21.945	228	48673	3.442	ng	# 96
88) Benzo(b)fluoranthene	24.218	252	50381	3.977	ng	# 65
89) Benzo(k)fluoranthene	24.218	252	50381	3.939	ng	# 67
90) Benzo(a)pyrene	25.141	252	36768	3.385	ng	# 83

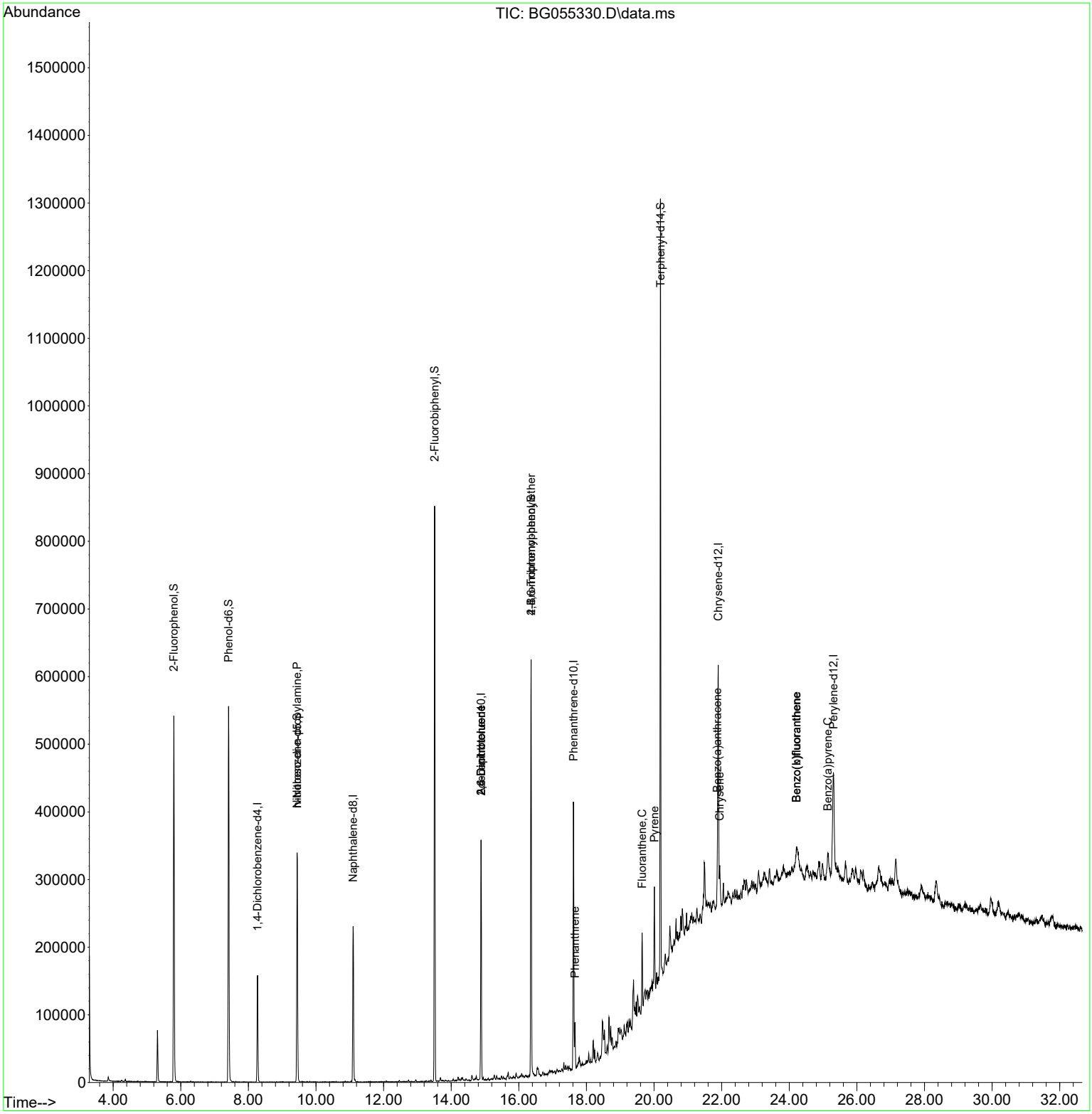
(#) = qualifier out of range (m) = manual integration (+) = signals summed

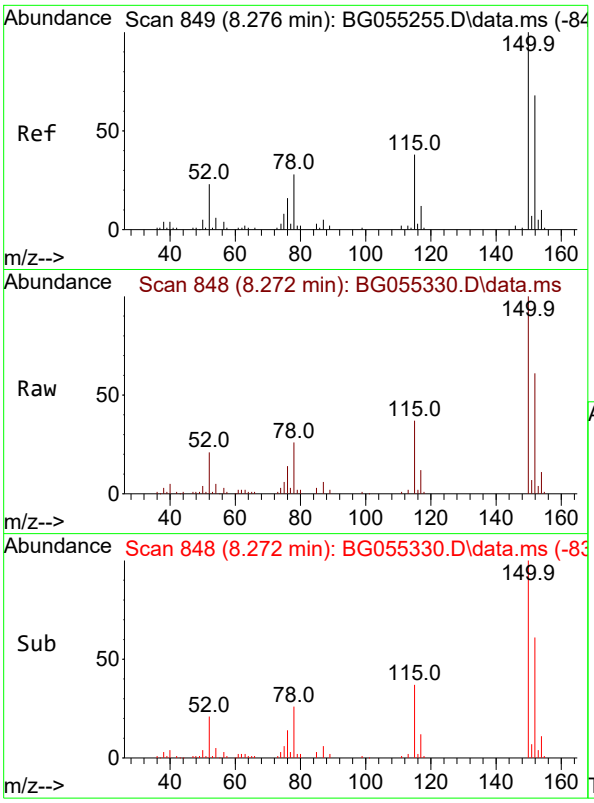
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
Data File : BG055330.D
Acq On : 27 Oct 2022 19:23
Operator : CG/JU
Sample : N5268-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-102422

Quant Time: Oct 27 20:47:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration



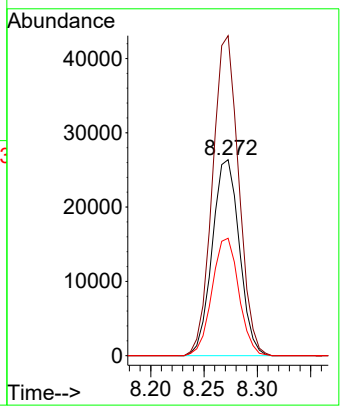


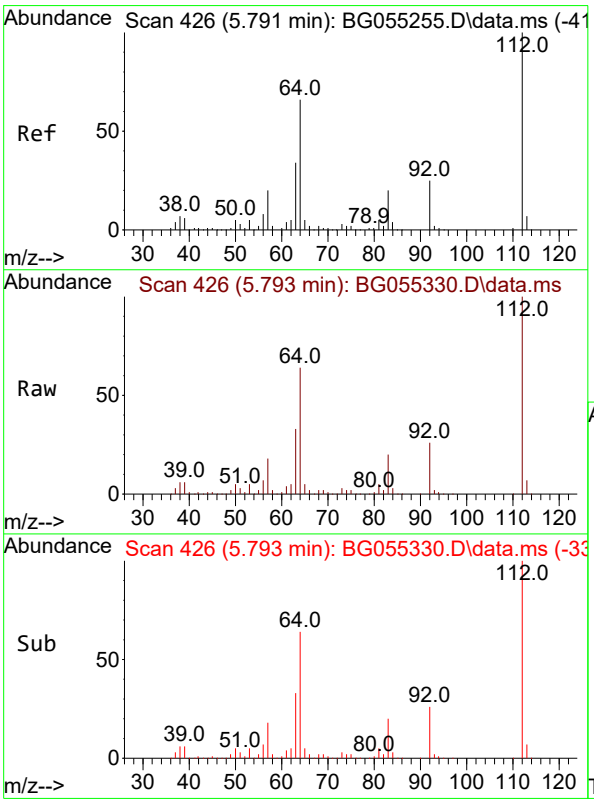
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.272 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Instrument :
BNA_G
ClientSampleId :
OK-03-102422

Tgt Ion:152 Resp: 46605

Ion	Ratio	Lower	Upper
152	100		
150	163.3	118.2	177.4
115	59.9	44.5	66.7

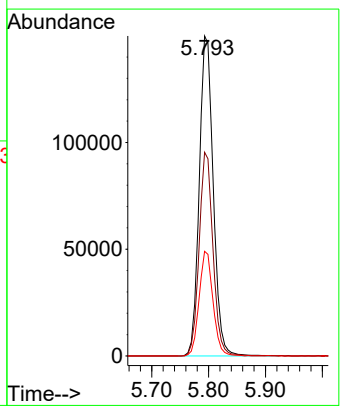


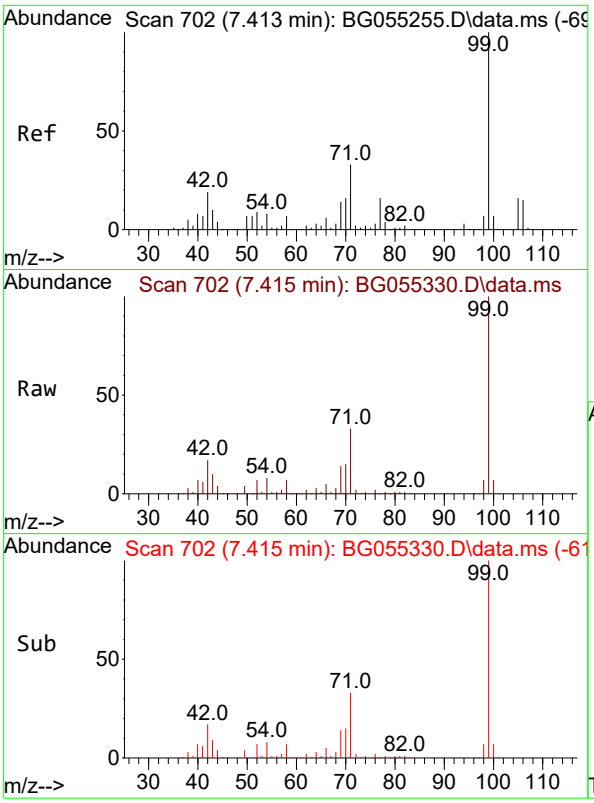


#5
2-Fluorophenol
Concen: 96.219 ng
RT: 5.793 min Scan# 426
Delta R.T. 0.002 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Tgt Ion:112 Resp: 256102

Ion	Ratio	Lower	Upper
112	100		
64	63.7	52.6	78.8
63	32.7	27.1	40.7



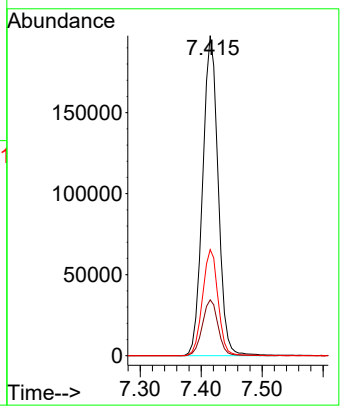


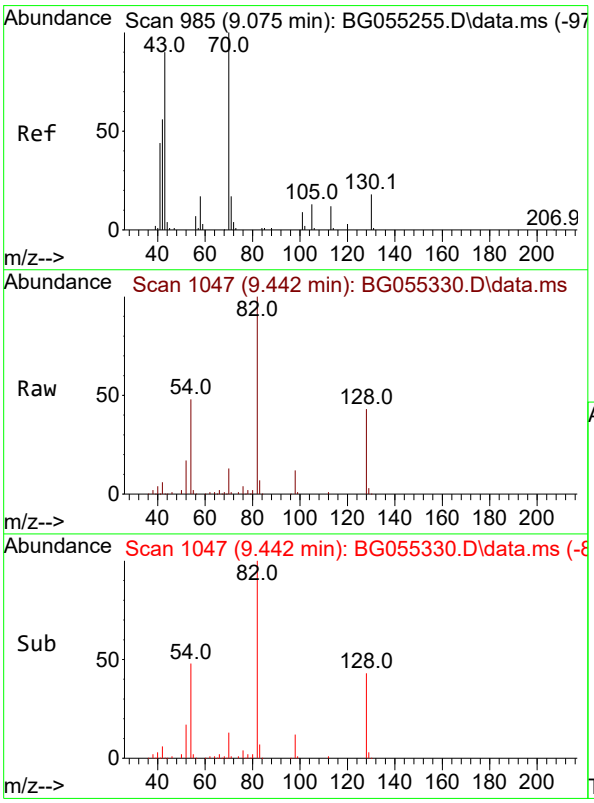
#7
Phenol-d6
Concen: 90.483 ng
RT: 7.415 min Scan# 7
Delta R.T. 0.002 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Instrument :
BNA_G
ClientSampleId :
OK-03-102422

Tgt Ion: 99 Resp: 348915

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.2	22.8
71	33.2	26.2	39.4

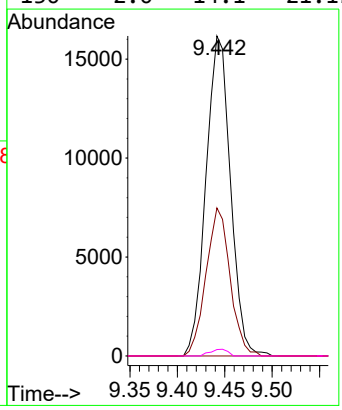


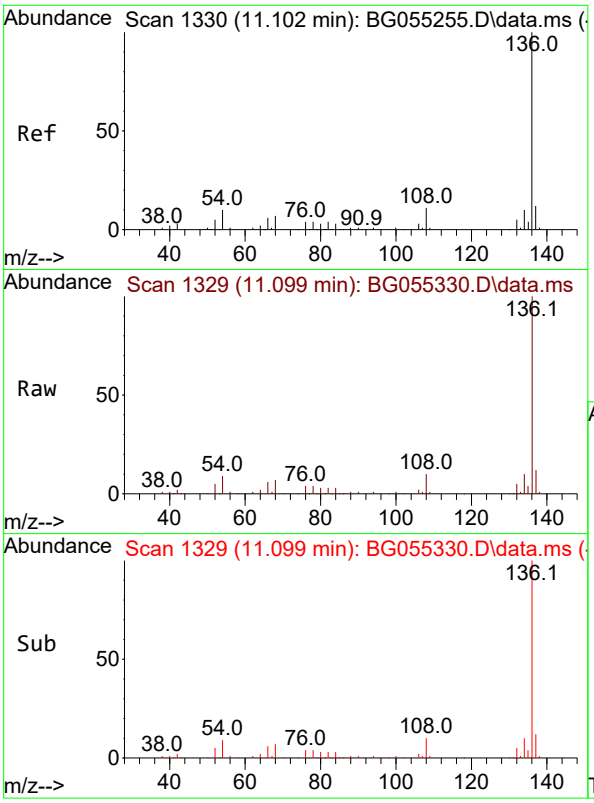


#19
n-Nitroso-di-n-propylamine
Concen: 9.071 ng
RT: 9.442 min Scan# 1047
Delta R.T. 0.366 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Tgt Ion: 70 Resp: 29047

Ion	Ratio	Lower	Upper
70	100		
42	46.3	45.8	68.6
101	0.0	7.4	11.0#
130	2.0	14.1	21.1#



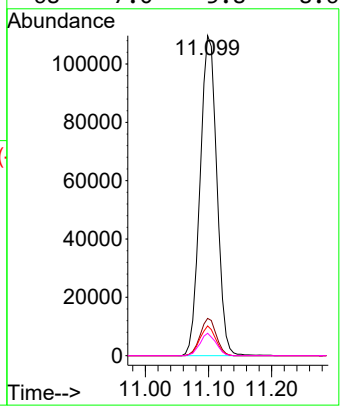


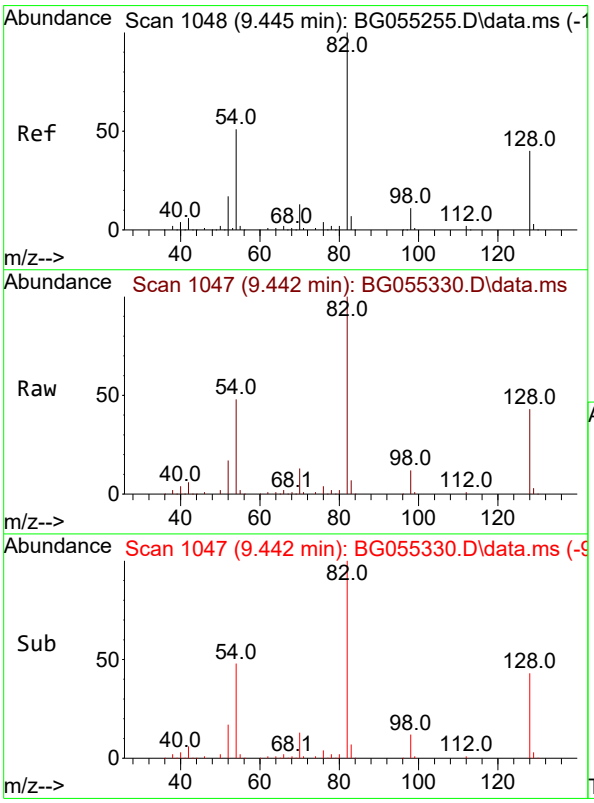
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Instrument :
BNA_G
ClientSampleId :
OK-03-102422

Tgt Ion:136 Resp: 201794

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	9.3	7.8	11.8
68	7.0	5.8	8.6

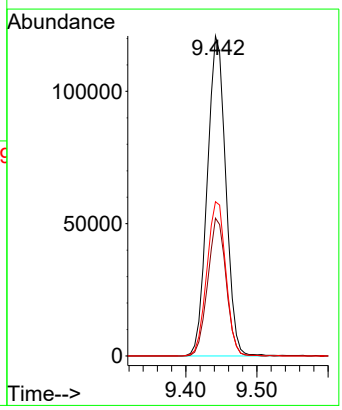


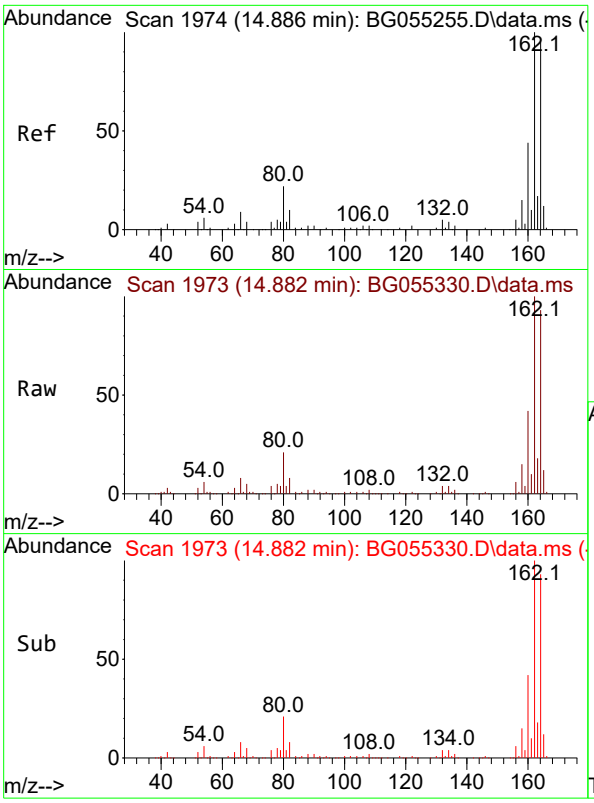


#23
Nitrobenzene-d5
Concen: 55.253 ng
RT: 9.442 min Scan# 1047
Delta R.T. -0.004 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Tgt Ion: 82 Resp: 218352

Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.0	48.0
54	48.2	40.9	61.3



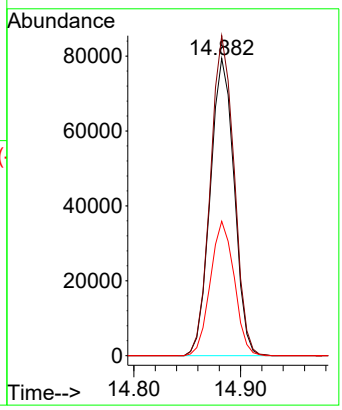


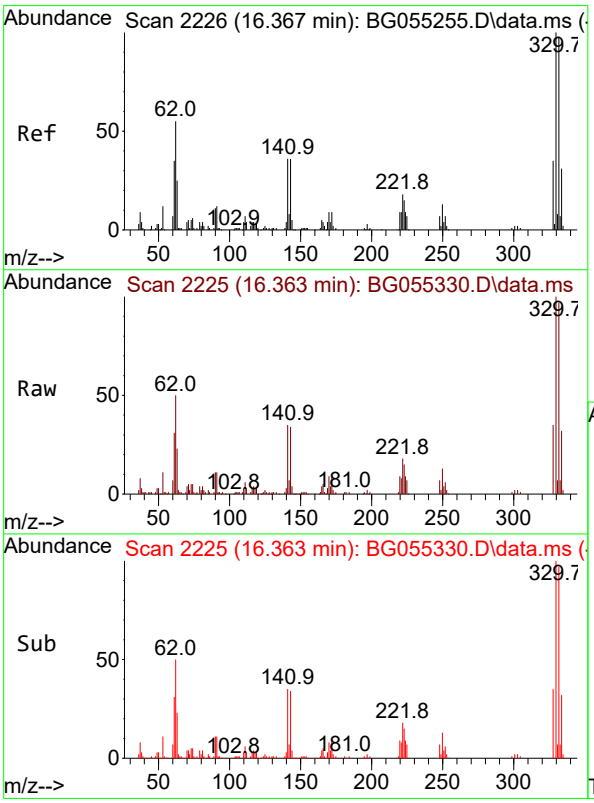
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.882 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Instrument :
BNA_G
ClientSampleId :
OK-03-102422

Tgt Ion:164 Resp: 123317

Ion	Ratio	Lower	Upper
164	100		
162	107.6	84.0	126.0
160	45.2	36.7	55.1

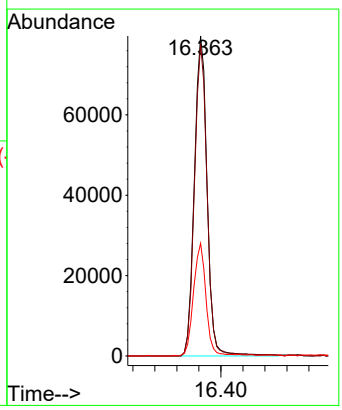


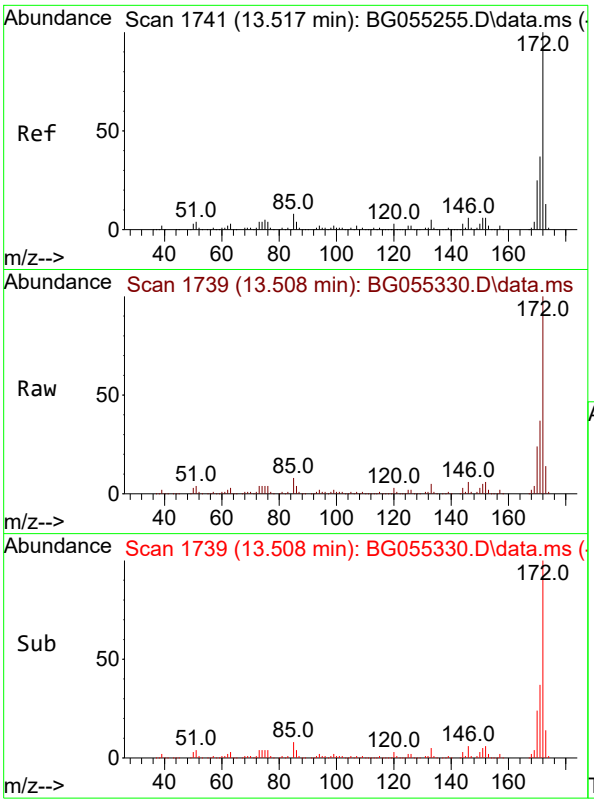


#42
2,4,6-Tribromophenol
Concen: 95.559 ng
RT: 16.363 min Scan# 2225
Delta R.T. -0.004 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Tgt Ion:330 Resp: 128103

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	35.0	29.8	44.8



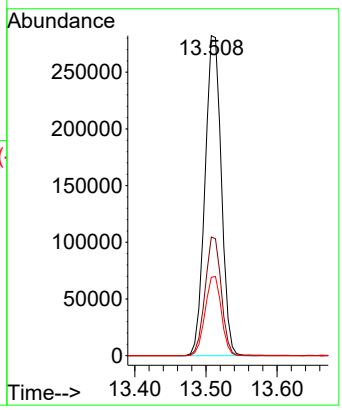


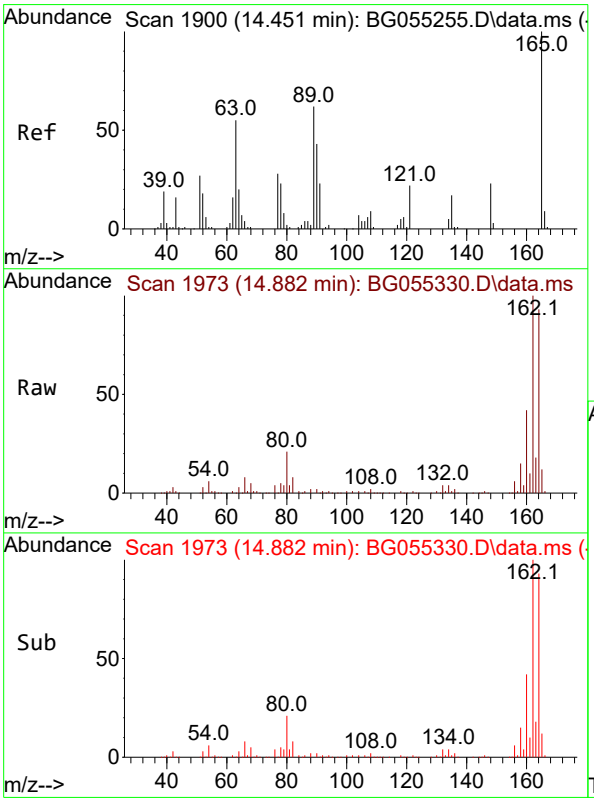
#45
2-Fluorobiphenyl
Concen: 59.737 ng
RT: 13.508 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Instrument :
BNA_G
ClientSampleId :
OK-03-102422

Tgt Ion:172 Resp: 450071

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.5	20.2	30.2

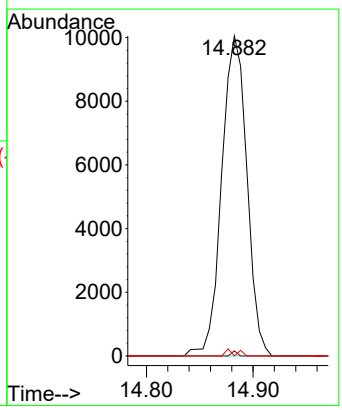


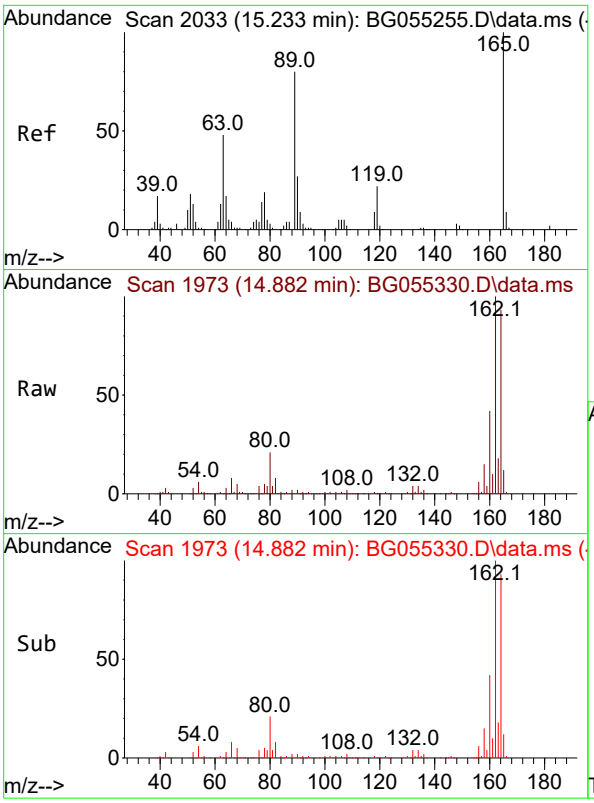


#51
2,6-Dinitrotoluene
Concen: 8.364 ng
RT: 14.882 min Scan# 1973
Delta R.T. 0.431 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Tgt Ion:165 Resp: 16478

Ion	Ratio	Lower	Upper
165	100		
63	1.6	49.2	73.8#
89	0.0	49.9	74.9#



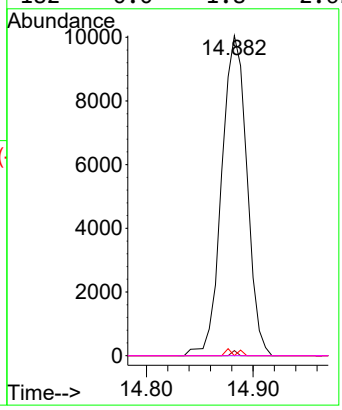


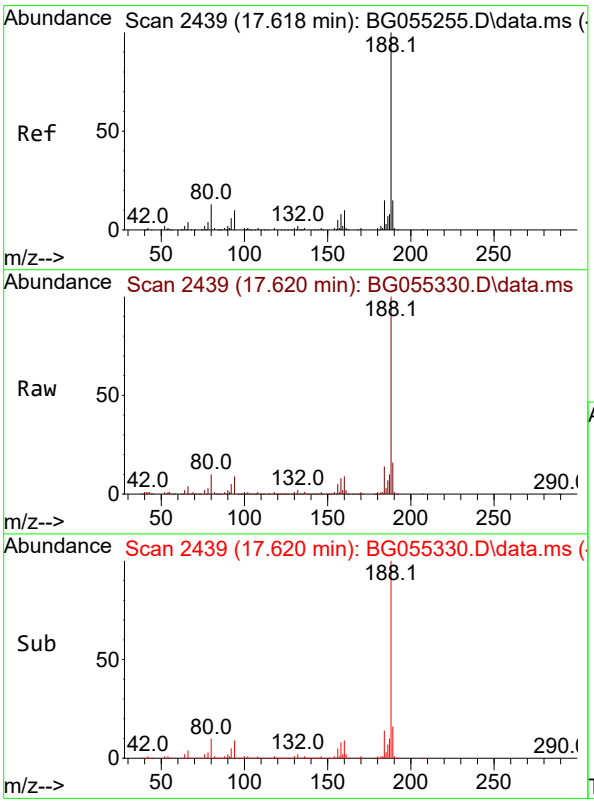
#57
2,4-Dinitrotoluene
Concen: 5.763 ng
RT: 14.882 min Scan# 1
Delta R.T. -0.350 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Instrument :
BNA_G
ClientSampleId :
OK-03-102422

Tgt Ion:165 Resp: 16478

Ion	Ratio	Lower	Upper
165	100		
63	1.6	38.9	58.3#
89	0.0	64.2	96.4#
182	0.0	1.8	2.6#

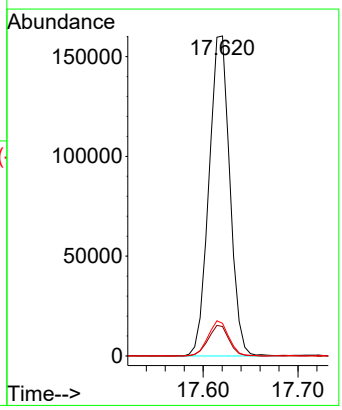


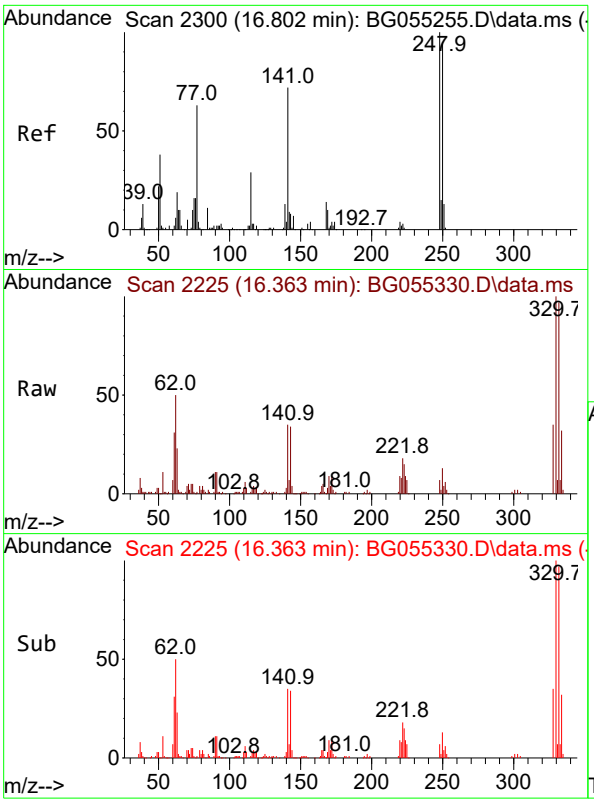


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.620 min Scan# 2439
Delta R.T. 0.002 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Tgt Ion:188 Resp: 245256

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.4
80	10.2	10.1	15.1



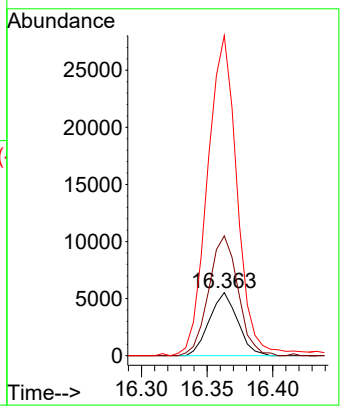


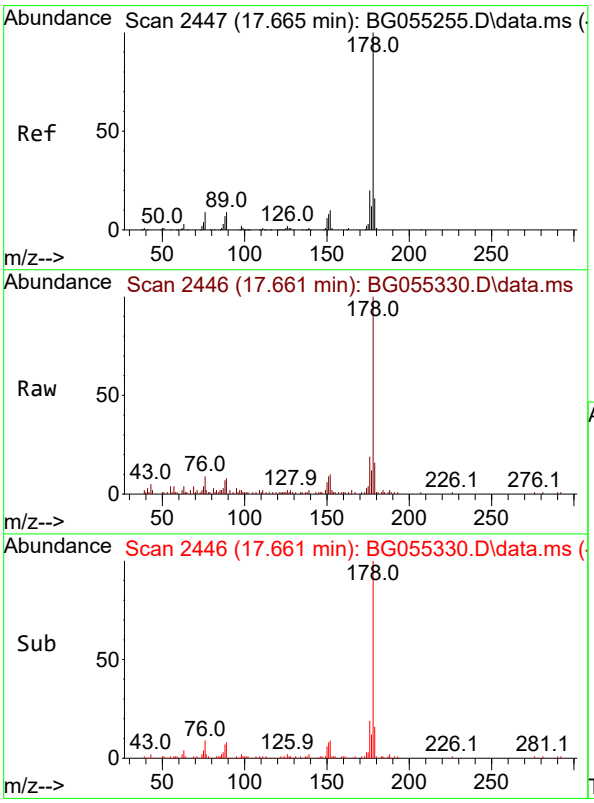
#67
4-Bromophenyl-phenylether
Concen: 3.470 ng
RT: 16.363 min Scan# 2
Delta R.T. -0.439 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Instrument :
BNA_G
ClientSampleId :
OK-03-102422

Tgt Ion:248 Resp: 8268

Ion	Ratio	Lower	Upper
248	100		
250	190.2	76.0	114.0#
141	508.0	58.0	87.0#

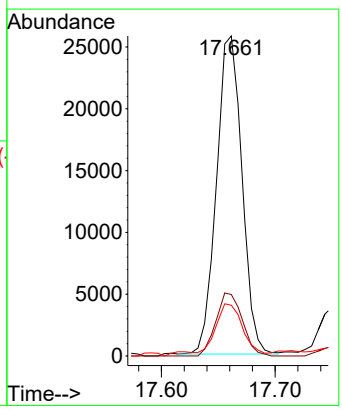


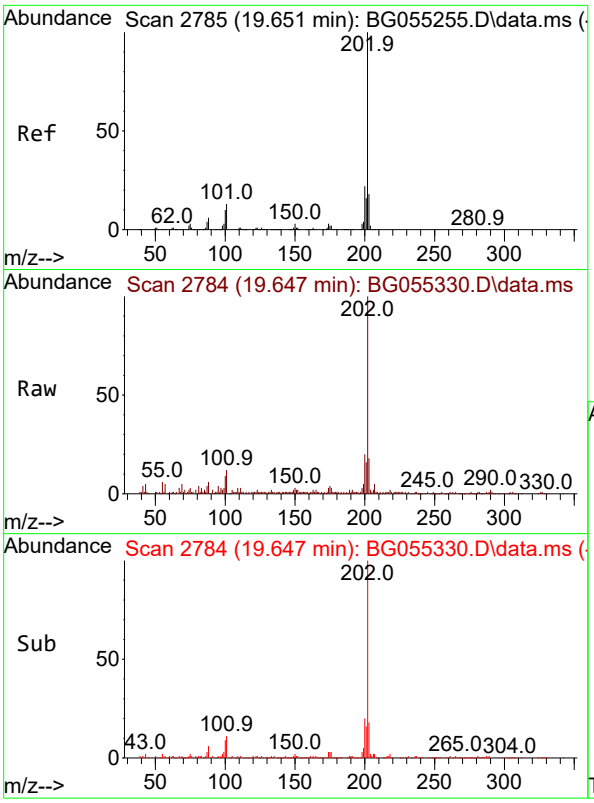


#71
Phenanthrene
Concen: 3.069 ng
RT: 17.661 min Scan# 2446
Delta R.T. -0.004 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Tgt Ion:178 Resp: 40142

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	15.9	12.6	19.0



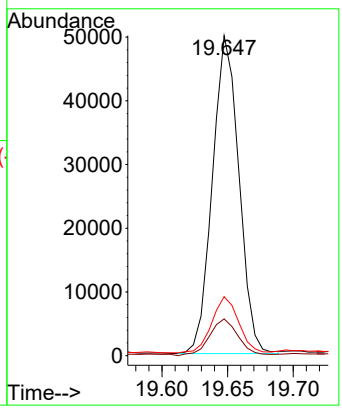


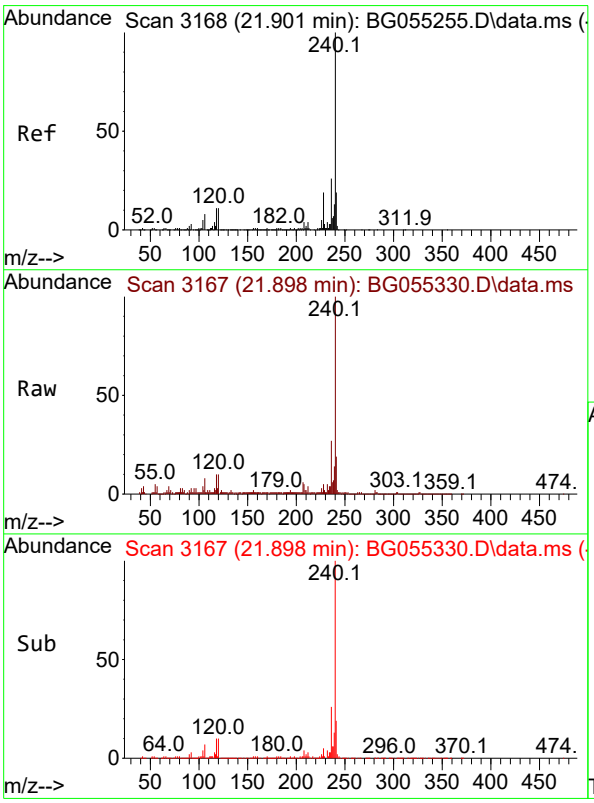
#75
Fluoranthene
Concen: 4.600 ng
RT: 19.647 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Instrument :
BNA_G
ClientSampleId :
OK-03-102422

Tgt Ion:202 Resp: 70105

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.6
203	18.5	0.0	38.3

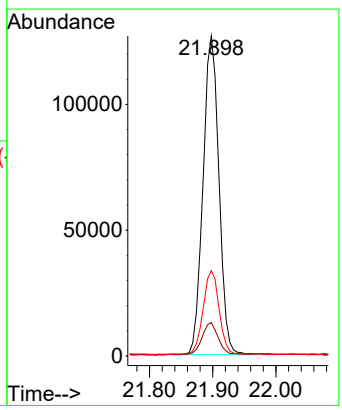


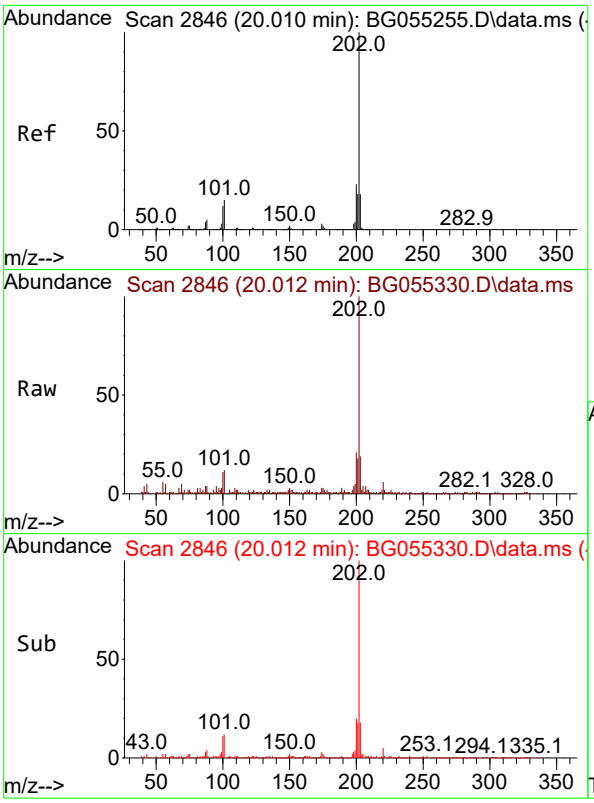


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.898 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Tgt Ion:240 Resp: 221684

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	26.6	21.0	31.4



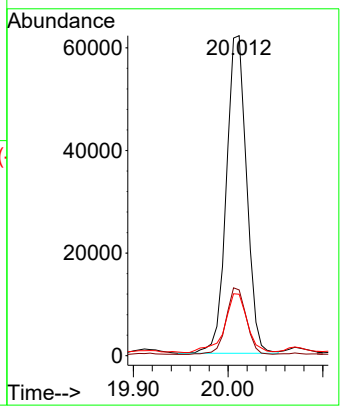


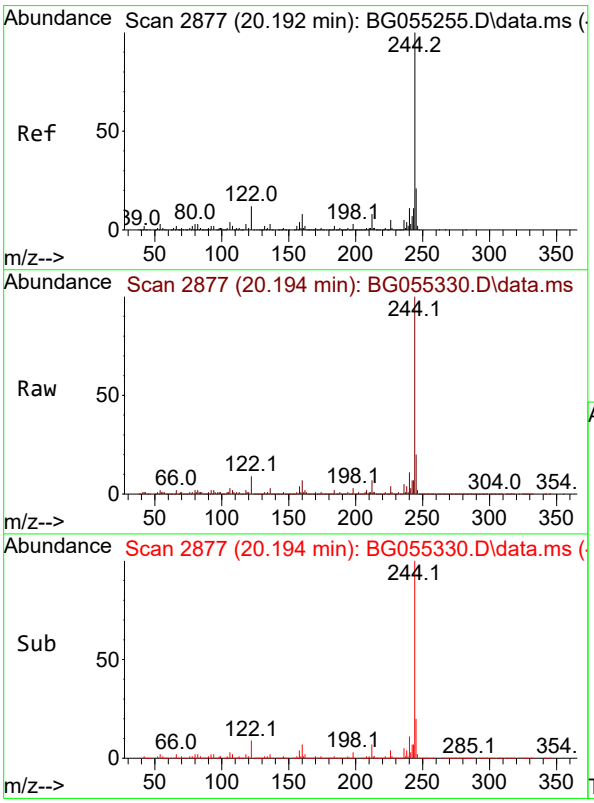
#78
Pyrene
Concen: 6.032 ng
RT: 20.012 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Instrument :
BNA_G
ClientSampleId :
OK-03-102422

Tgt Ion:202 Resp: 91658

Ion	Ratio	Lower	Upper
202	100		
200	20.5	18.0	27.0
203	19.2	14.3	21.5

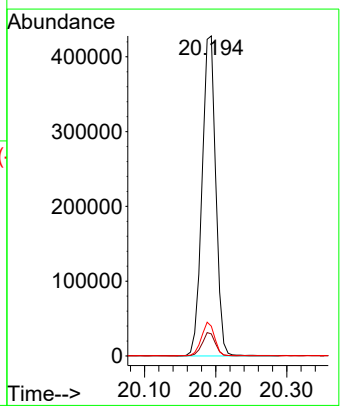


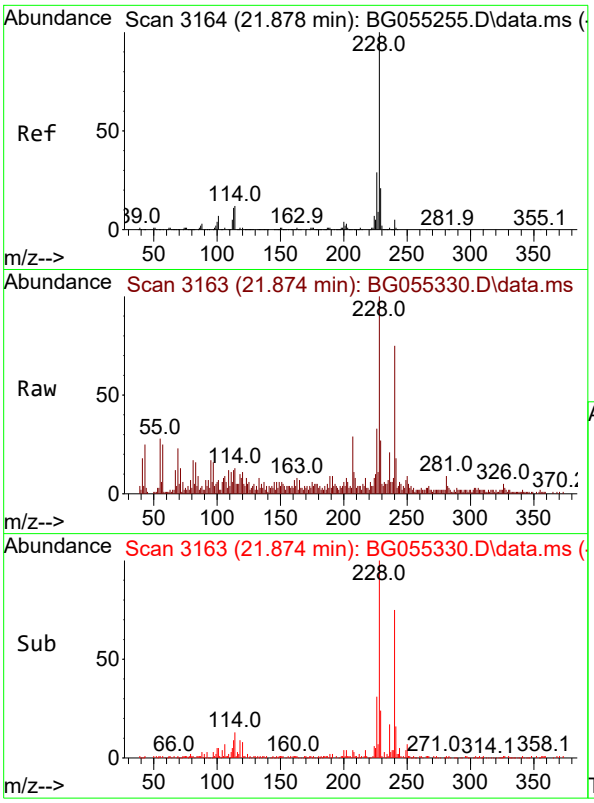


#79
Terphenyl-d14
Concen: 53.859 ng
RT: 20.194 min Scan# 2877
Delta R.T. 0.002 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Tgt Ion:244 Resp: 574658

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	9.3	9.6	14.4#



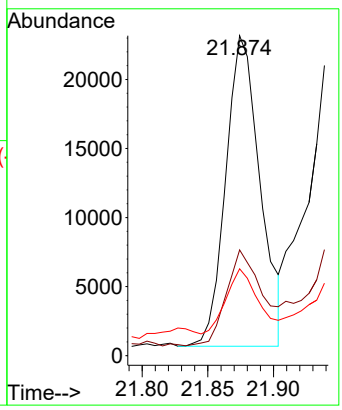


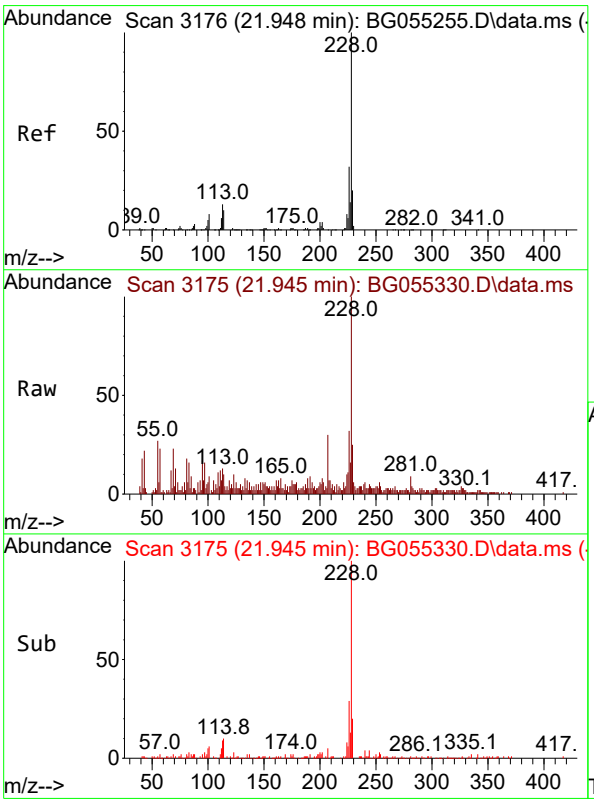
#81
Benzo(a)anthracene
Concen: 2.752 ng
RT: 21.874 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Instrument :
BNA_G
ClientSampleId :
OK-03-102422

Tgt Ion:228 Resp: 40963

Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.9	34.3
229	27.1	16.7	25.1#

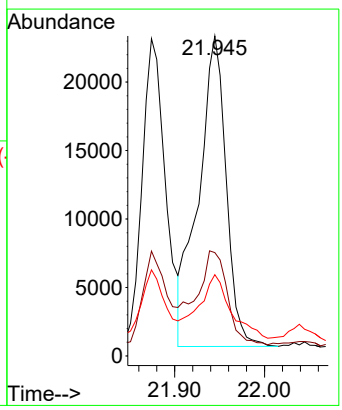


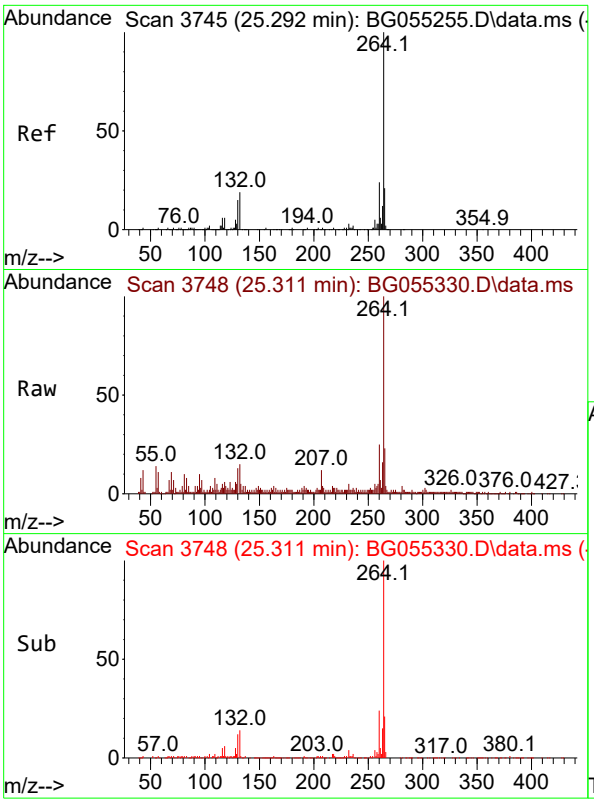


#83
Chrysene
Concen: 3.442 ng
RT: 21.945 min Scan# 3175
Delta R.T. -0.004 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Tgt Ion:228 Resp: 48673

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.8	38.8
229	25.4	16.3	24.5#



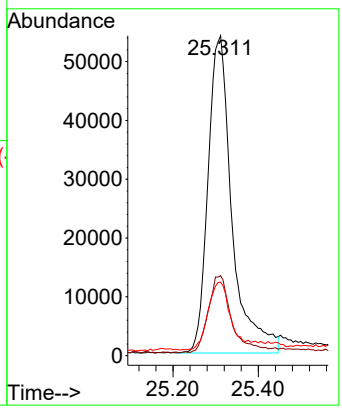


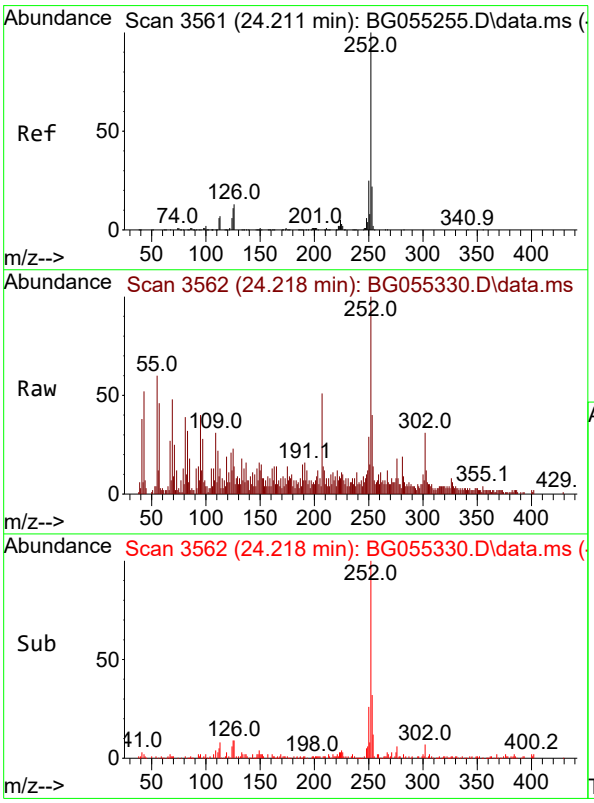
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.311 min Scan# 3
Delta R.T. 0.020 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Instrument :
BNA_G
ClientSampleId :
OK-03-102422

Tgt Ion:264 Resp: 210589

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	23.0	17.4	26.2

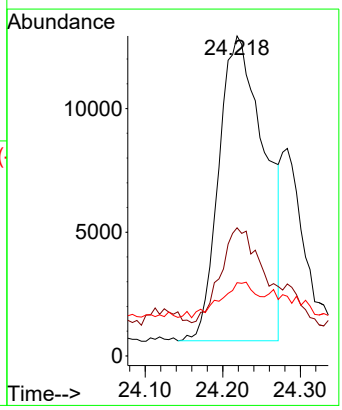


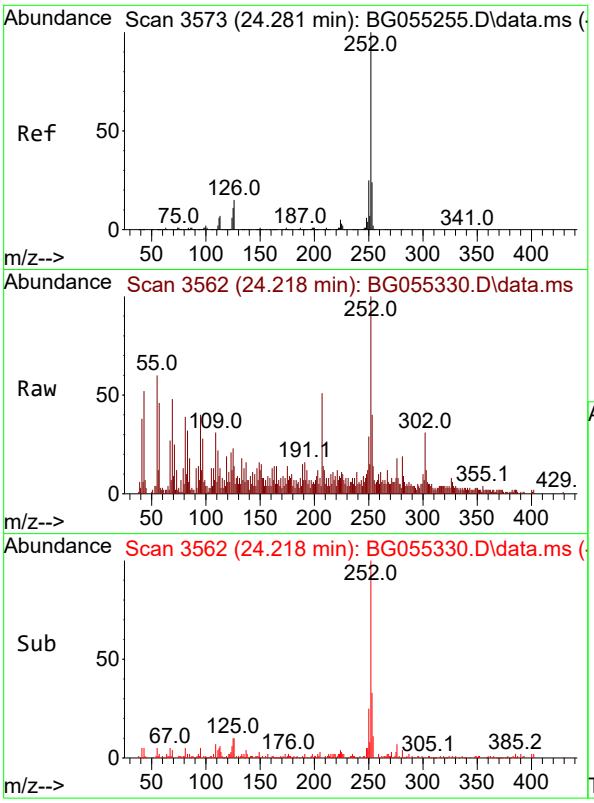


#88
Benzo(b)fluoranthene
Concen: 3.977 ng
RT: 24.218 min Scan# 3562
Delta R.T. 0.008 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Tgt Ion:252 Resp: 50381

Ion	Ratio	Lower	Upper
252	100		
253	40.0	17.6	26.4#
125	22.9	9.0	13.4#



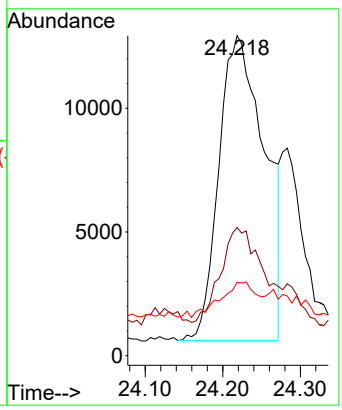


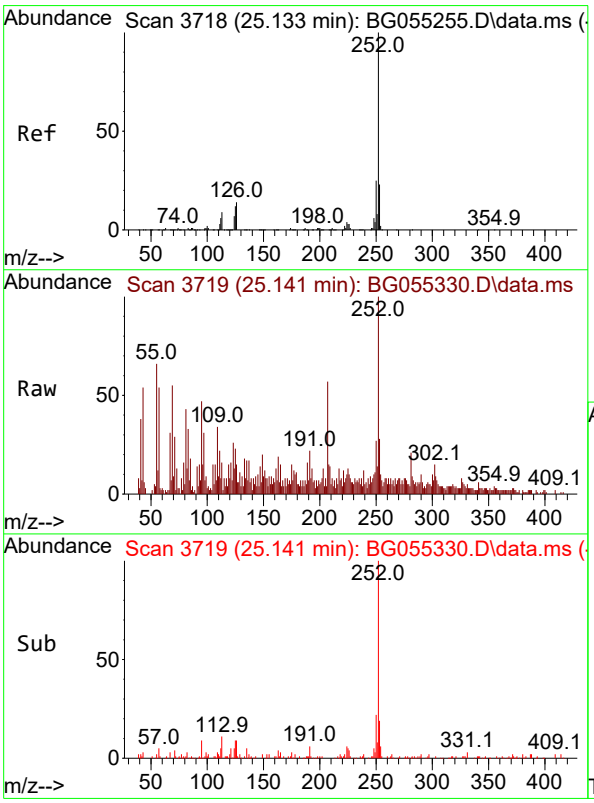
#89
Benzo(k)fluoranthene
Concen: 3.939 ng
RT: 24.218 min Scan# 3
Delta R.T. -0.063 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Instrument :
BNA_G
ClientSampleId :
OK-03-102422

Tgt Ion:252 Resp: 50381

Ion	Ratio	Lower	Upper
252	100		
253	40.0	18.6	27.8#
125	22.9	9.1	13.7#





#90
Benzo(a)pyrene
Concen: 3.385 ng
RT: 25.141 min Scan# 3719
Delta R.T. 0.008 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Tgt Ion:252 Resp: 36768

Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.2	27.2#
125	23.5	9.8	14.8#