Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057932.D
Acq On : 1 Jul 2023 00:02
Operator : CG/JU
Sample : 03360-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Quant Time: Jul 01 02:21:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 01:12:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	40792	20.000	ng	-0.01
21) Naphthalene-d8	10.714	136	184357	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	143965	20.000	ng	-0.01
64) Phenanthrene-d10	17.289	188	328374	20.000	ng	-0.01
76) Chrysene-d12	21.543	240	271819	20.000	ng	-0.01
86) Perylene-d12	24.686	264	335553	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.485	112	258200	96.844	ng	0.00
7) Phenol-d6	7.077	99	381279	95.634	ng	0.00
23) Nitrobenzene-d5	9.069	82	225461	59.935	ng	-0.02
42) 2,4,6-Tribromophenol	16.037	330	188354	77.896	ng	0.00
45) 2-Fluorobiphenyl	13.170	172	578764	61.349	ng	-0.01
79) Terphenyl-d14	19.909	244	946504	63.482	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.083	77	587	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.069	70	27211	10.200	ng	# 76
51) 2,6-Dinitrotoluene	14.545	165	18909	7.981	ng	# 25
57) 2,4-Dinitrotoluene	14.545	165	18909	5.500	ng	# 22
63) Azobenzene	15.902	77	54911	4.774	ng	# 1
67) 4-Bromophenyl-phenylether	16.037	248	12044	3.475	ng	# 1
71) Phenanthrene	17.336	178	76414	4.848	ng	98
75) Fluoranthene	19.345	202	269607	13.577	ng	99
78) Pyrene	19.704	202	287112	14.793	ng	98
81) Benzo(a)anthracene	21.525	228	166448	8.849	ng	98
83) Chrysene	21.584	228	149609	8.403	ng	99
87) Indeno(1,2,3-cd)pyrene	28.247	276	124683	5.609	ng	# 95
88) Benzo(b)fluoranthene	23.687	252	238151	13.013	ng	98
89) Benzo(k)fluoranthene	23.687	252	238151	12.875	ng	99
90) Benzo(a)pyrene	24.533	252	183229	10.107	ng	97
92) Benzo(g,h,i)perylene	29.369	276	126121	6.882	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Quant Time: Jul 01 02:21:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 01:12:33 2023
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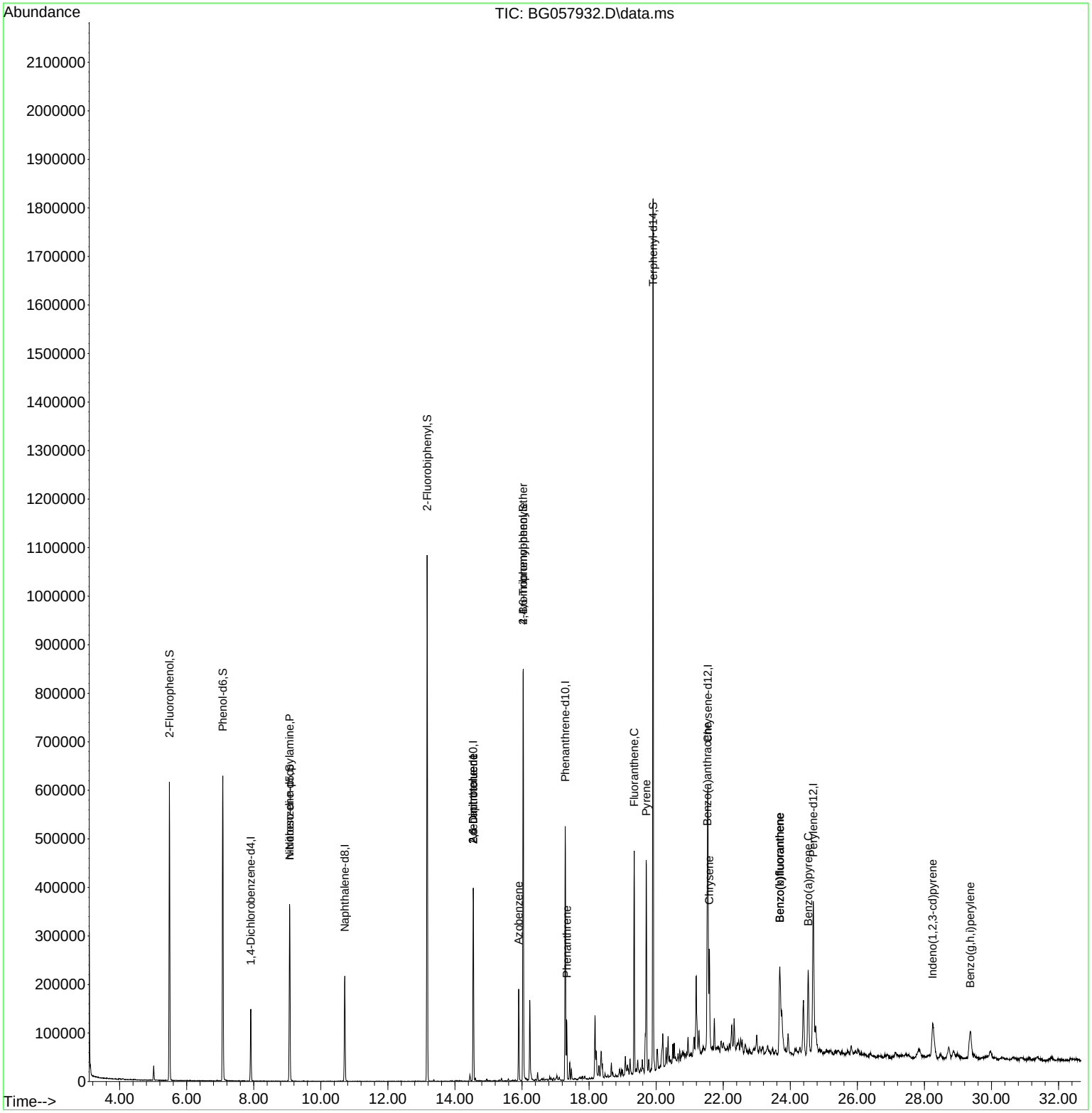
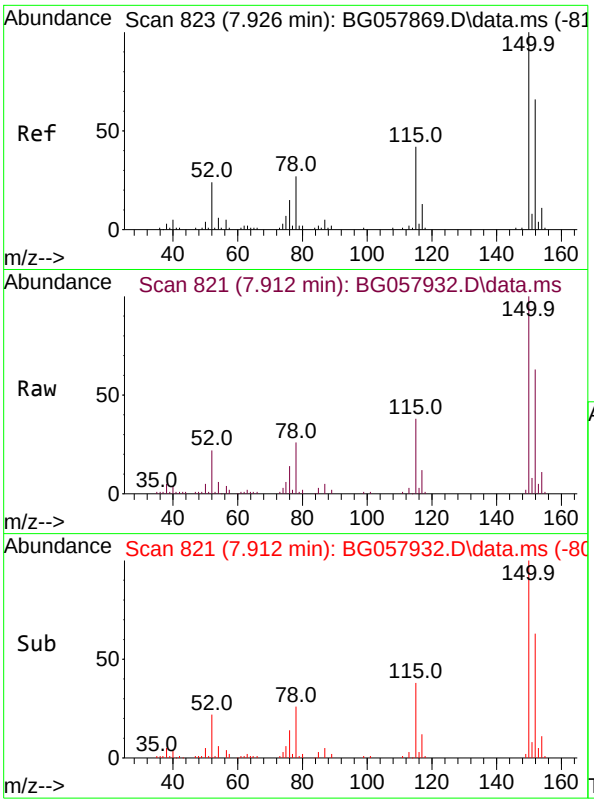


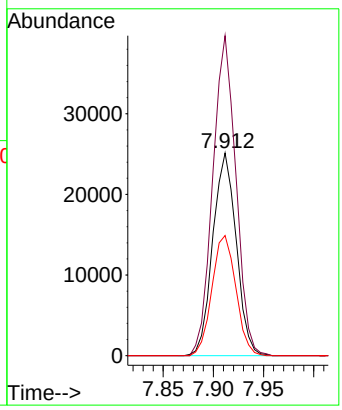


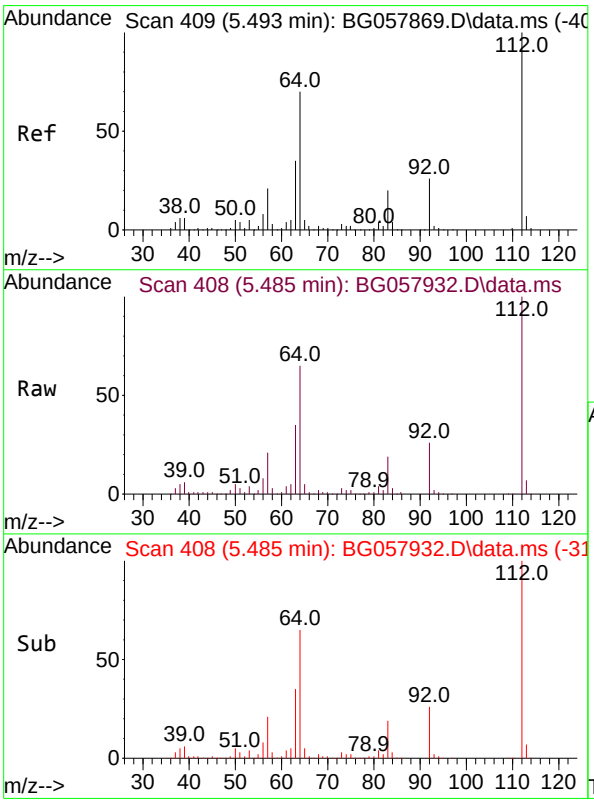
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.912 min Scan# 8
Delta R.T. -0.014 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Tgt Ion:152 Resp: 40792

Ion	Ratio	Lower	Upper
152	100		
150	157.9	122.0	183.0
115	59.3	50.7	76.1

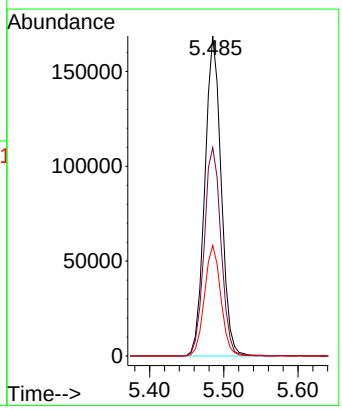


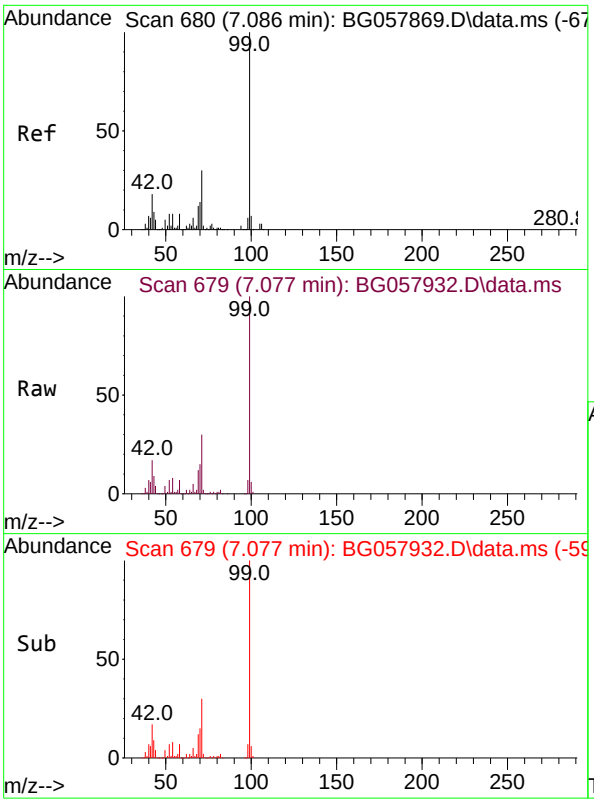


#5
2-Fluorophenol
Concen: 96.844 ng
RT: 5.485 min Scan# 408
Delta R.T. -0.008 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Tgt Ion:112 Resp: 258200

Ion	Ratio	Lower	Upper
112	100		
64	65.1	55.8	83.6
63	34.5	27.9	41.9



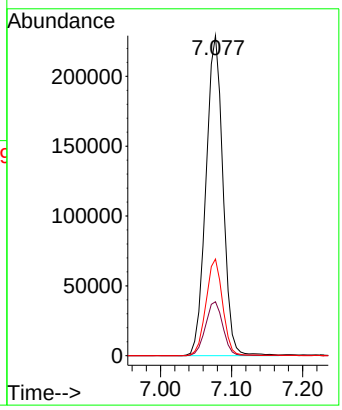


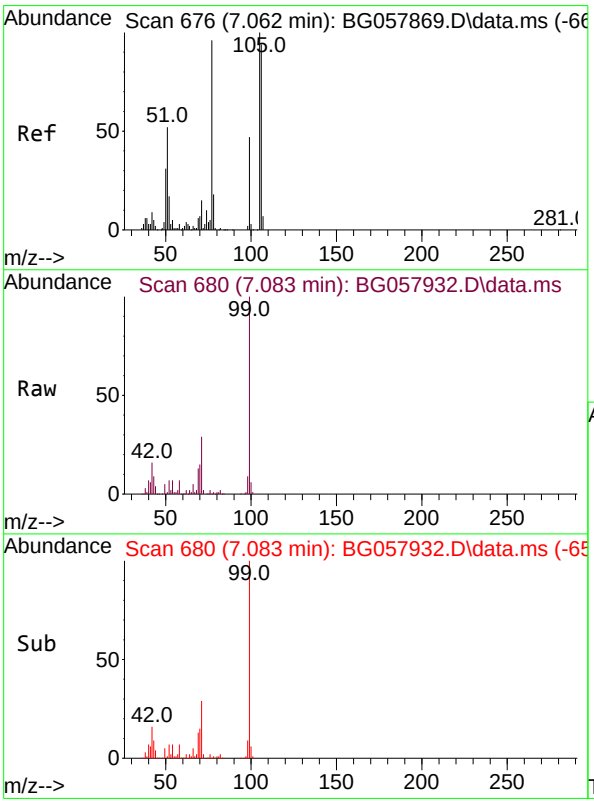
#7
Phenol-d6
Concen: 95.634 ng
RT: 7.077 min Scan# 6
Delta R.T. -0.008 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Tgt Ion: 99 Resp: 381279

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.2	21.4
71	30.2	23.9	35.9

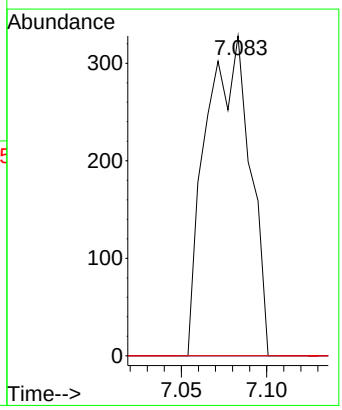


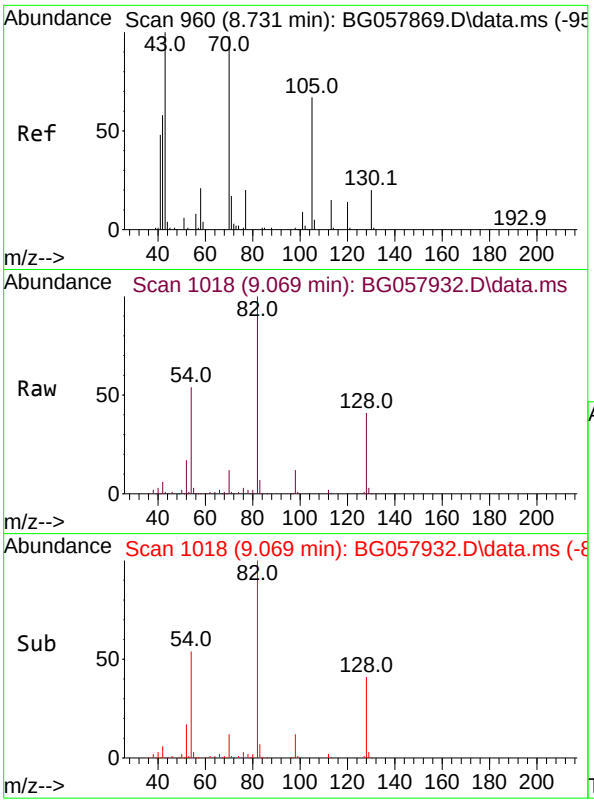


#9
Benzaldehyde
Concen: Below Cal
RT: 7.083 min Scan# 680
Delta R.T. 0.021 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Tgt Ion: 77 Resp: 587

Ion	Ratio	Lower	Upper
77	100		
105	0.0	83.7	123.7#
106	0.0	77.4	117.4#



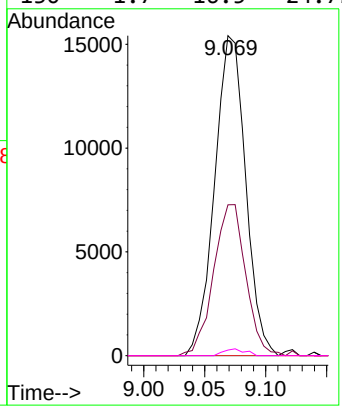


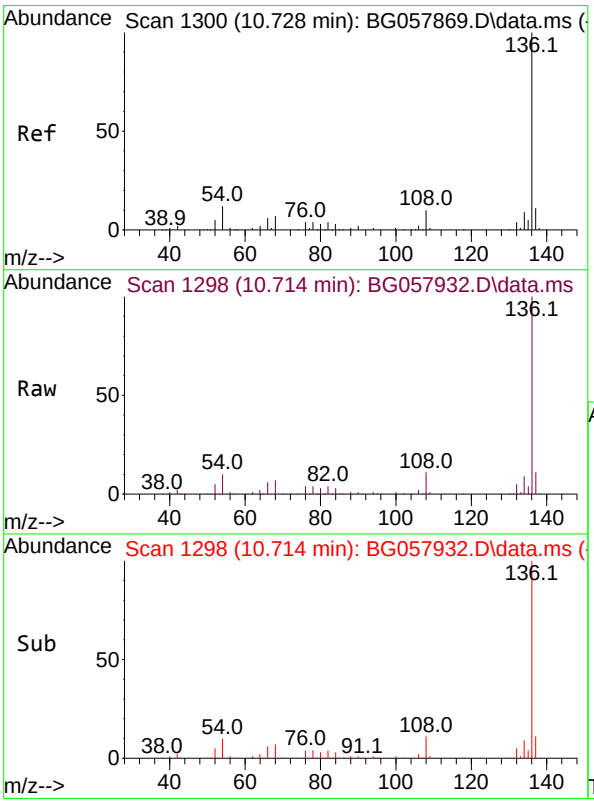
#19
n-Nitroso-di-n-propylamine
Concen: 10.200 ng
RT: 9.069 min Scan# 1
Delta R.T. 0.338 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Tgt Ion: 70 Resp: 27211

Ion	Ratio	Lower	Upper
70	100		
42	47.2	48.4	72.6#
101	0.0	7.2	10.8#
130	1.7	16.5	24.7#

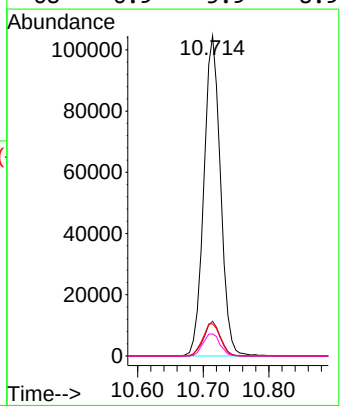


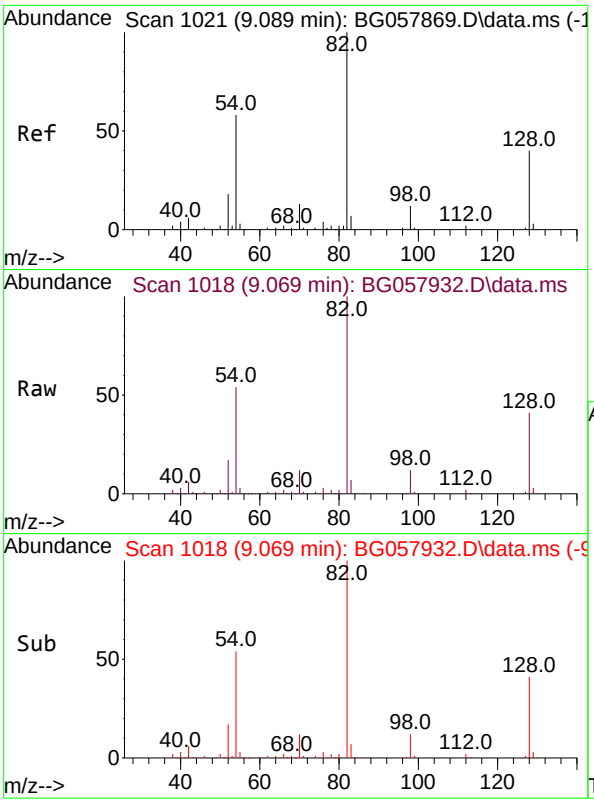


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.714 min Scan# 1298
Delta R.T. -0.014 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Tgt Ion:136 Resp: 184357

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.1	9.3	13.9
68	6.9	5.9	8.9



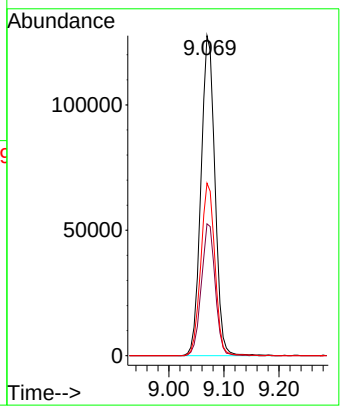


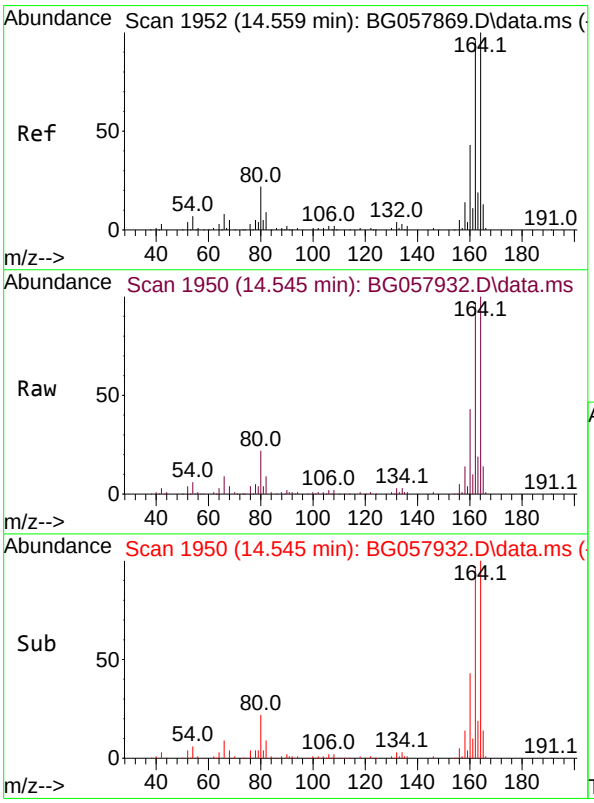
#23
Nitrobenzene-d5
Concen: 59.935 ng
RT: 9.069 min Scan# 1
Delta R.T. -0.020 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Tgt Ion: 82 Resp: 225461

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.2	48.4
54	53.9	46.1	69.1

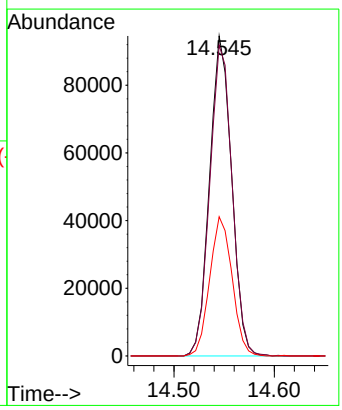


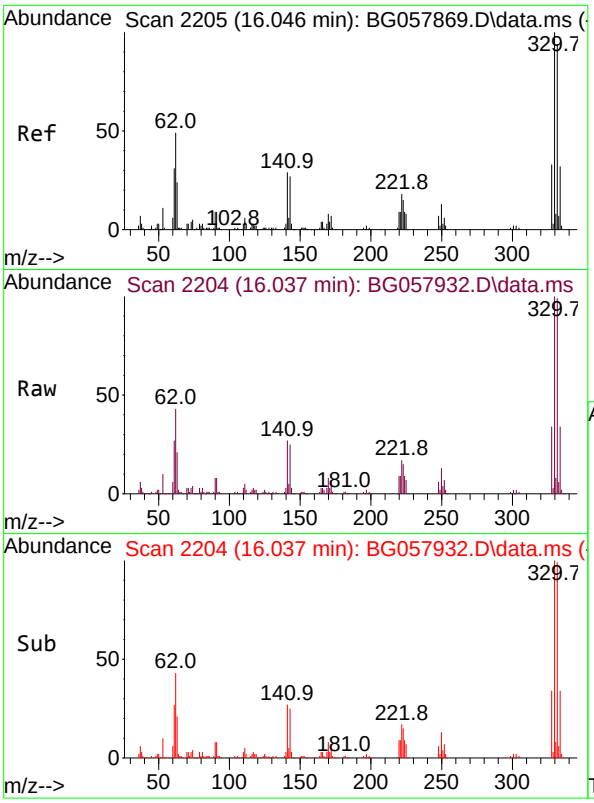


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1950
Delta R.T. -0.014 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Tgt Ion:164 Resp: 143965

Ion	Ratio	Lower	Upper
164	100		
162	97.1	76.4	114.6
160	43.5	34.2	51.2



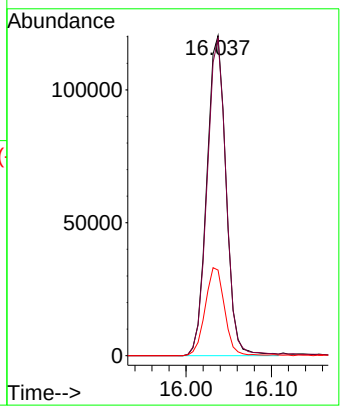


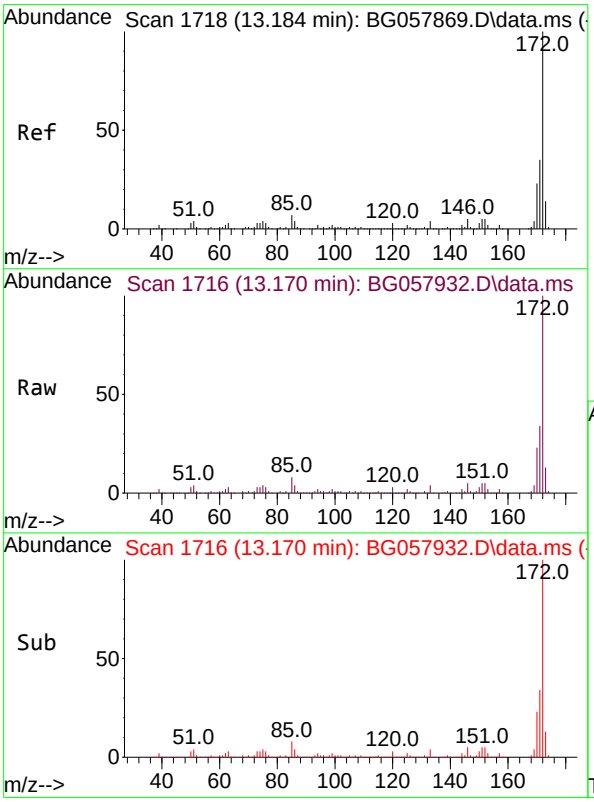
#42
2,4,6-Tribromophenol
Concen: 77.896 ng
RT: 16.037 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Tgt Ion:330 Resp: 188354

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.1	115.7
141	27.7	22.2	33.4

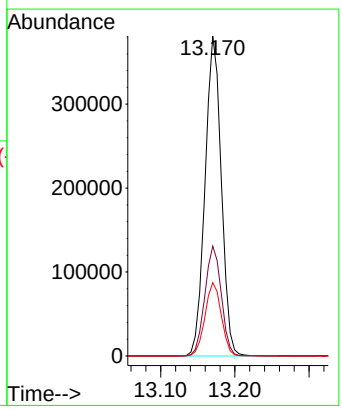


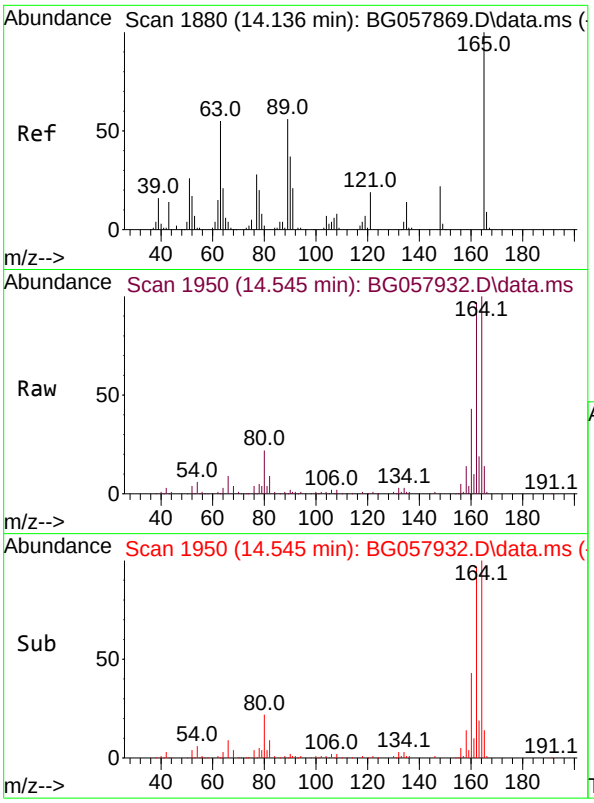


#45
2-Fluorobiphenyl
Concen: 61.349 ng
RT: 13.170 min Scan# 1716
Delta R.T. -0.014 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Tgt Ion:172 Resp: 578764

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.8
170	22.9	18.6	27.8



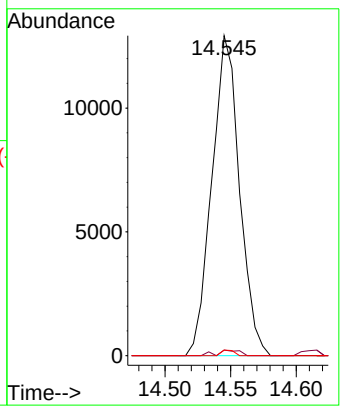


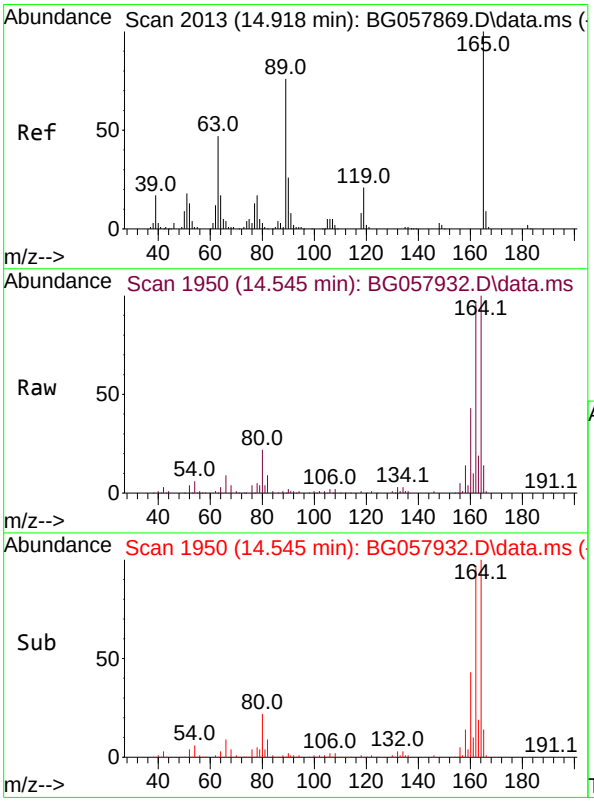
#51
2,6-Dinitrotoluene
Concen: 7.981 ng
RT: 14.545 min Scan# 1
Delta R.T. 0.409 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Tgt Ion:165 Resp: 18909

Ion	Ratio	Lower	Upper
165	100		
63	1.8	46.4	69.6#
89	1.8	45.0	67.6#

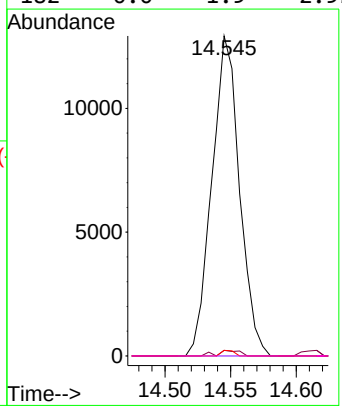


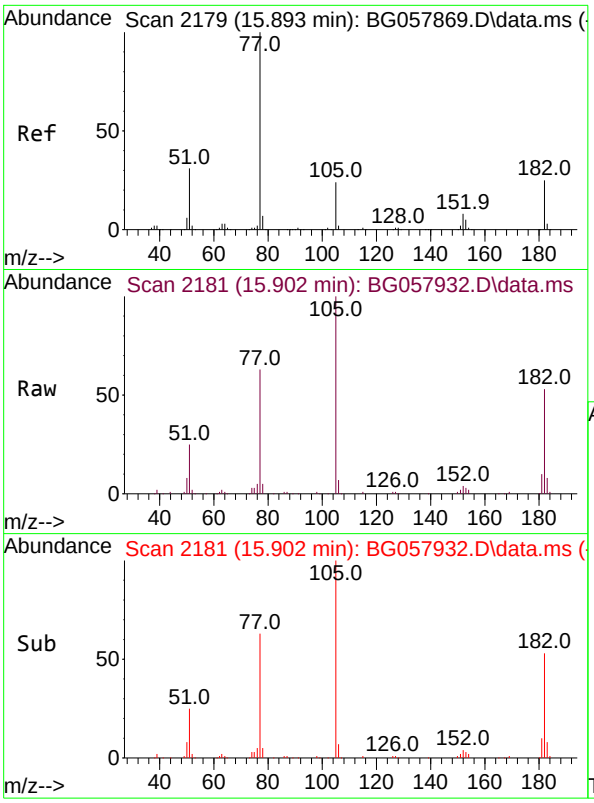


#57
2,4-Dinitrotoluene
Concen: 5.500 ng
RT: 14.545 min Scan# 1950
Delta R.T. -0.372 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Tgt Ion:165 Resp: 18909

Ion	Ratio	Lower	Upper
165	100		
63	1.8	37.6	56.4#
89	1.8	61.0	91.4#
182	0.0	1.9	2.9#



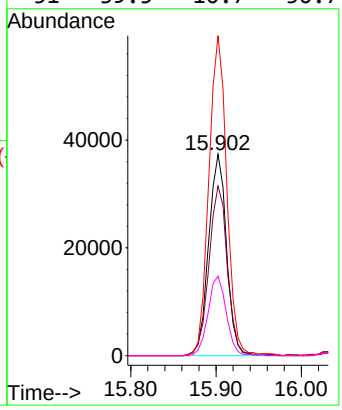


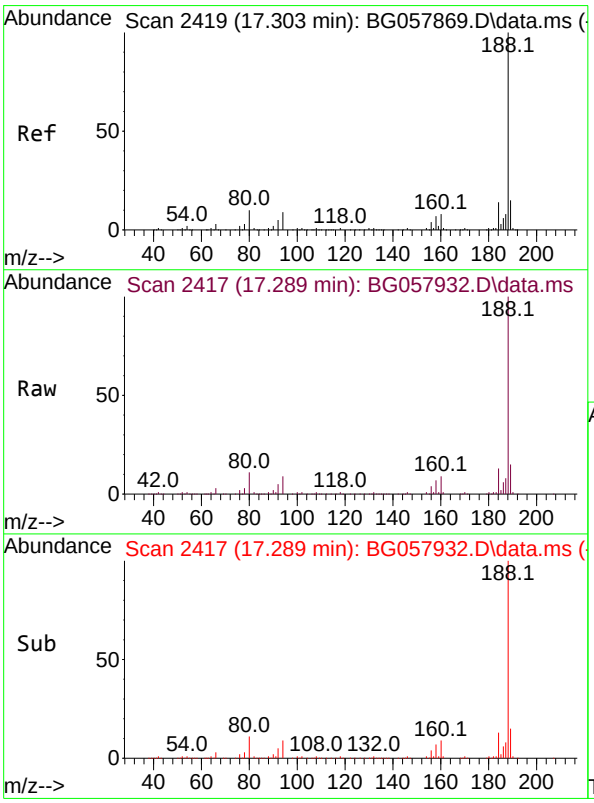
#63
Azobenzene
Concen: 4.774 ng
RT: 15.902 min Scan# 21
Delta R.T. 0.009 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Tgt Ion: 77 Resp: 54911

Ion	Ratio	Lower	Upper
77	100		
182	84.3	5.1	45.1#
105	159.0	3.9	43.9#
51	39.5	10.7	50.7

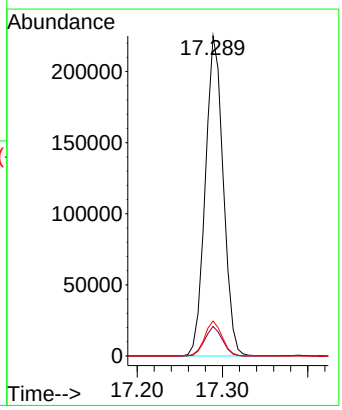


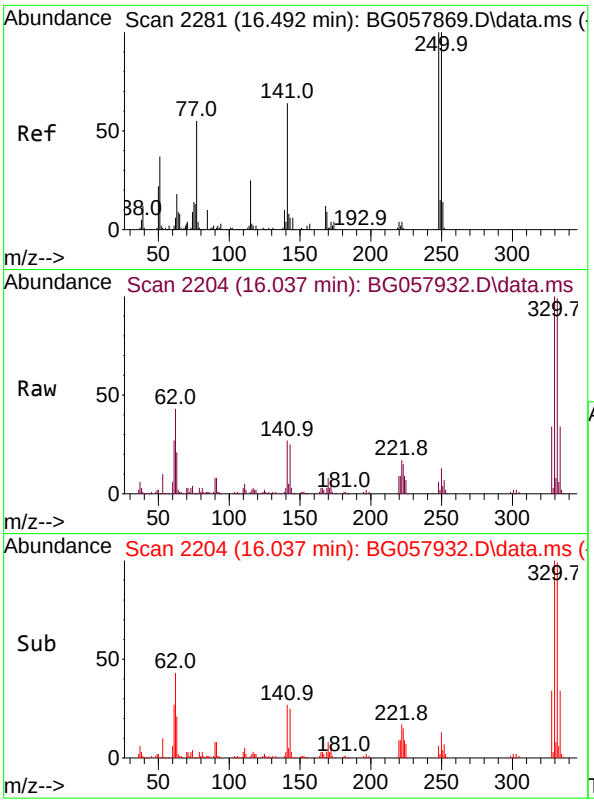


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2417
Delta R.T. -0.014 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Tgt Ion:188 Resp: 328374

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.9	8.4	12.6



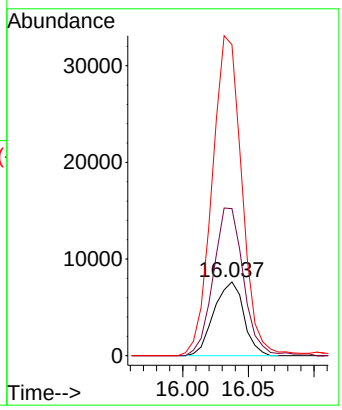


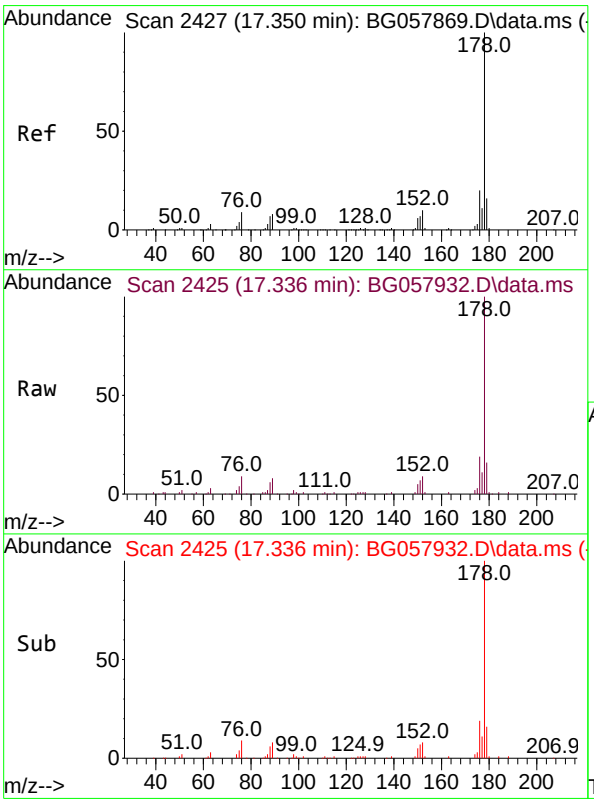
#67
4-Bromophenyl-phenylether
Concen: 3.475 ng
RT: 16.037 min Scan# 2
Delta R.T. -0.455 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Tgt Ion:248 Resp: 12044

Ion	Ratio	Lower	Upper
248	100		
250	199.4	79.7	119.5#
141	421.9	50.8	76.2#

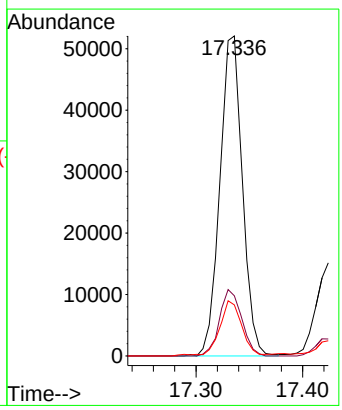


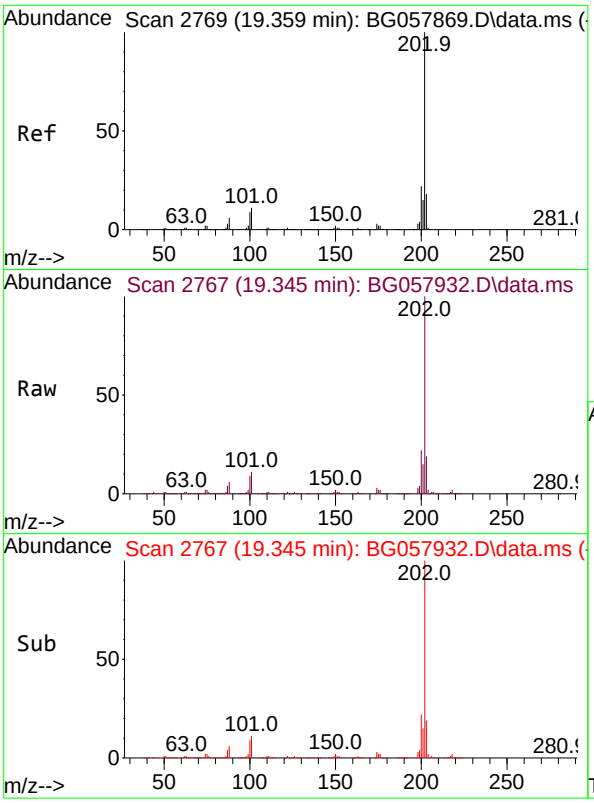


#71
Phenanthrene
Concen: 4.848 ng
RT: 17.336 min Scan# 2425
Delta R.T. -0.014 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Tgt Ion:178 Resp: 76414

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.3	24.5
179	16.0	13.2	19.8



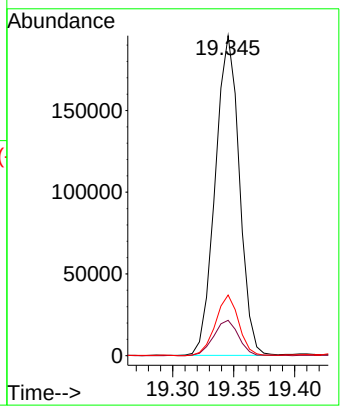


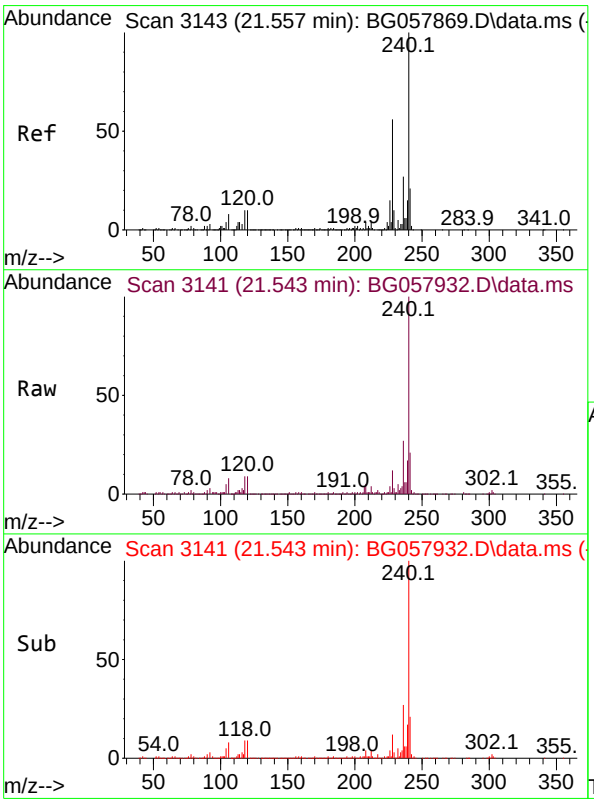
#75
Fluoranthene
Concen: 13.577 ng
RT: 19.345 min Scan# 2
Delta R.T. -0.014 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Tgt Ion:202 Resp: 269607

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.3
203	18.9	0.0	38.2

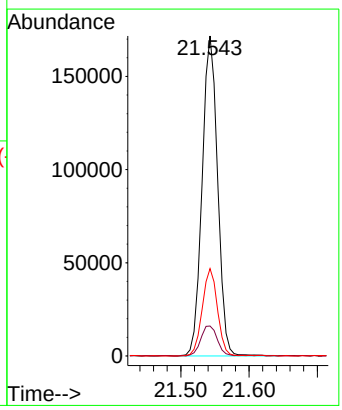


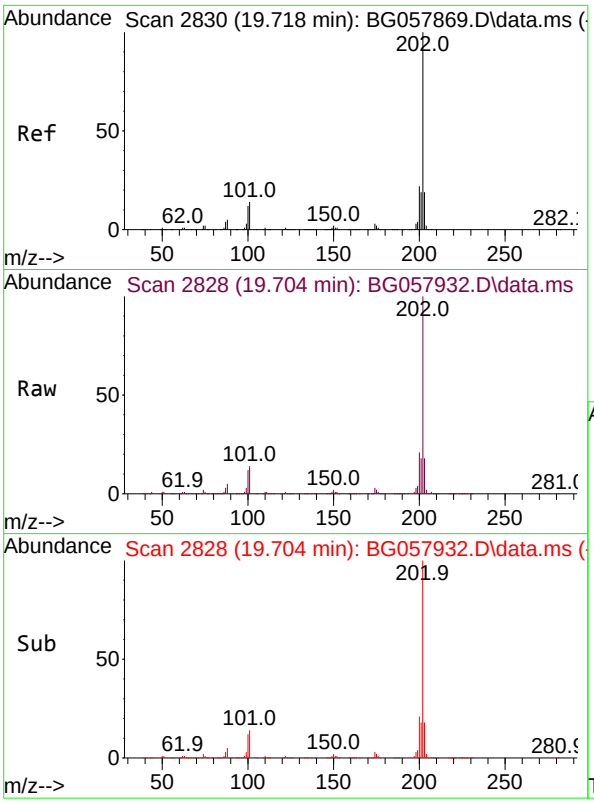


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.543 min Scan# 3141
Delta R.T. -0.014 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Tgt Ion:240 Resp: 271819

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.1	12.1
236	27.3	21.9	32.9



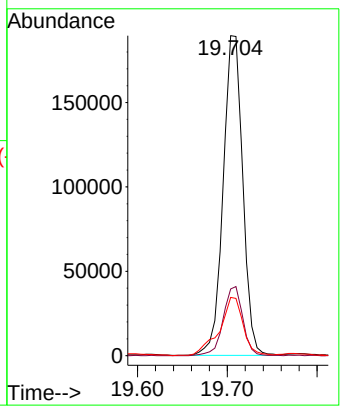


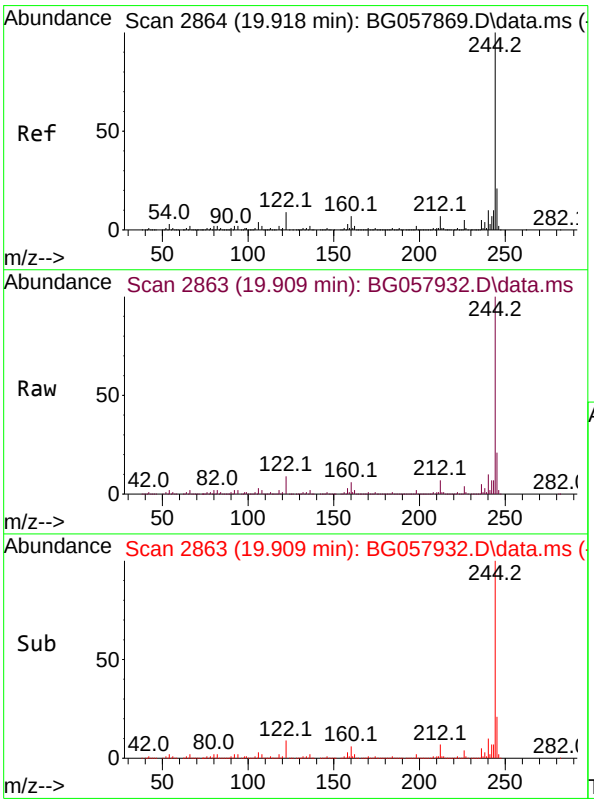
#78
Pyrene
Concen: 14.793 ng
RT: 19.704 min Scan# 2
Delta R.T. -0.014 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Tgt Ion:202 Resp: 287112

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	18.2	15.2	22.8

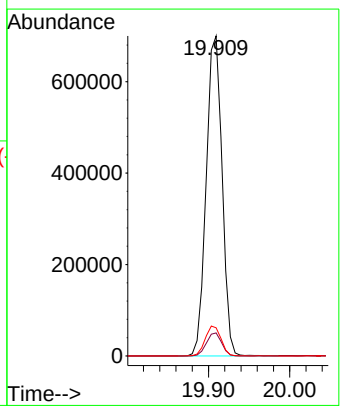


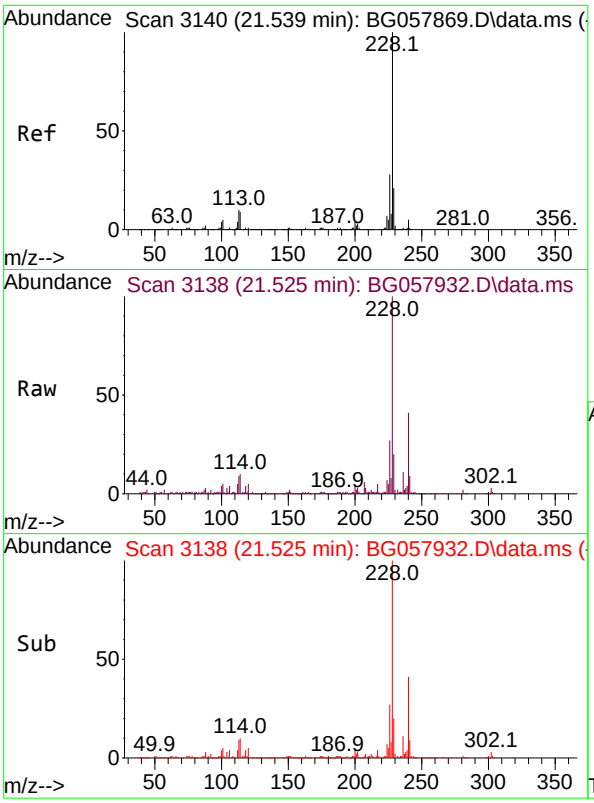


#79
Terphenyl-d14
Concen: 63.482 ng
RT: 19.909 min Scan# 2863
Delta R.T. -0.008 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Tgt Ion:244 Resp: 946504

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	8.8	7.4	11.0



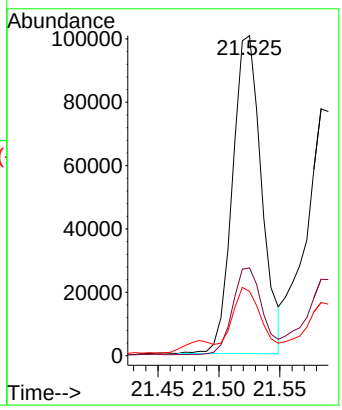


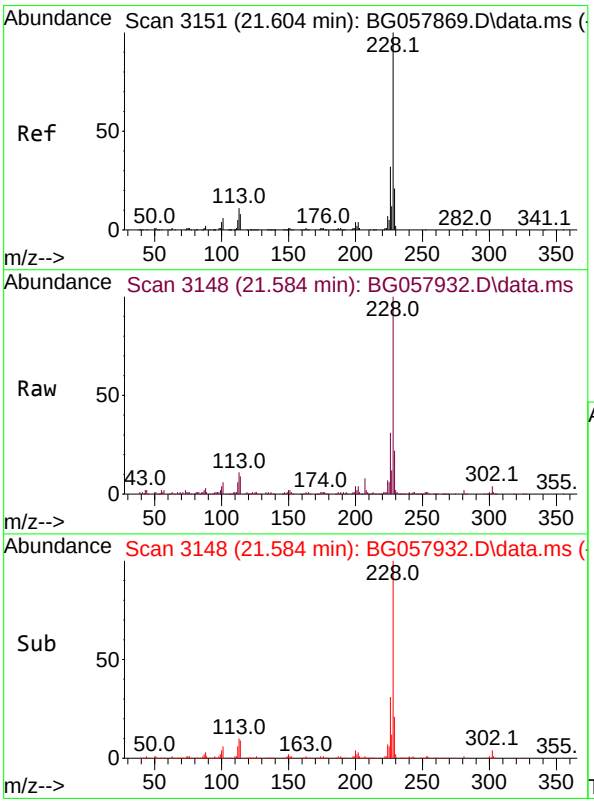
#81
Benzo(a)anthracene
Concen: 8.849 ng
RT: 21.525 min Scan# 3
Delta R.T. -0.014 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Tgt Ion:228 Resp: 166448

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	20.1	16.5	24.7

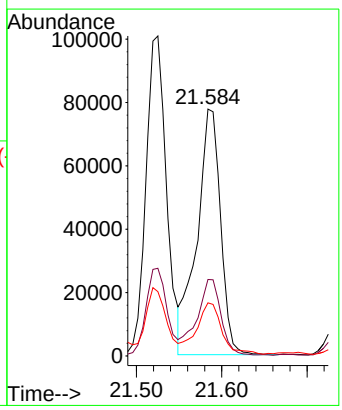


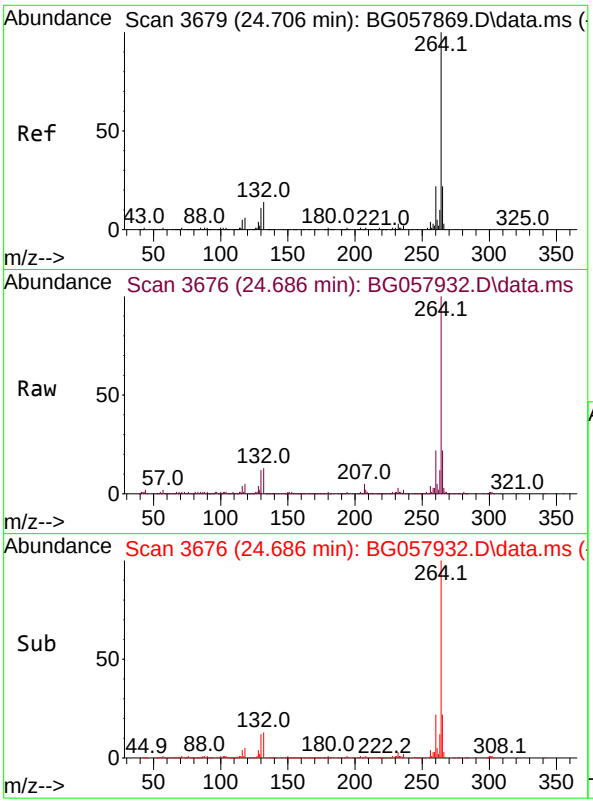


#83
Chrysene
Concen: 8.403 ng
RT: 21.584 min Scan# 3148
Delta R.T. -0.020 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Tgt Ion:228 Resp: 149609

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.3	37.9
229	21.5	16.5	24.7



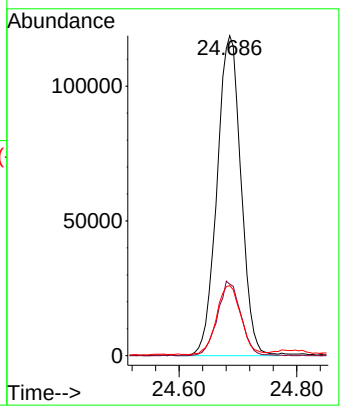


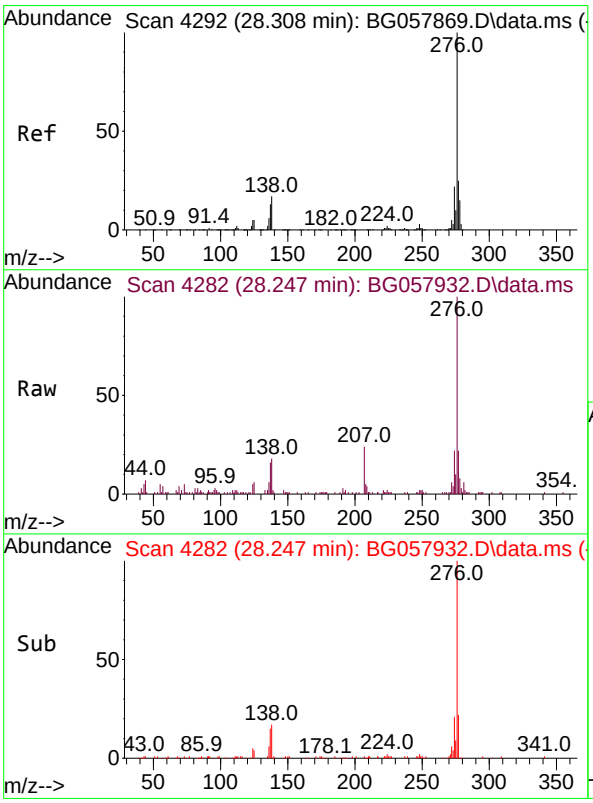
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.686 min Scan# 3
Delta R.T. -0.020 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Tgt Ion:264 Resp: 335553

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.8	26.8
265	21.9	17.3	25.9

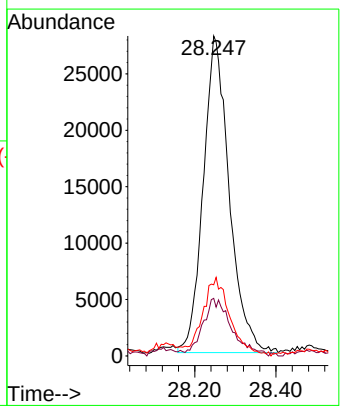


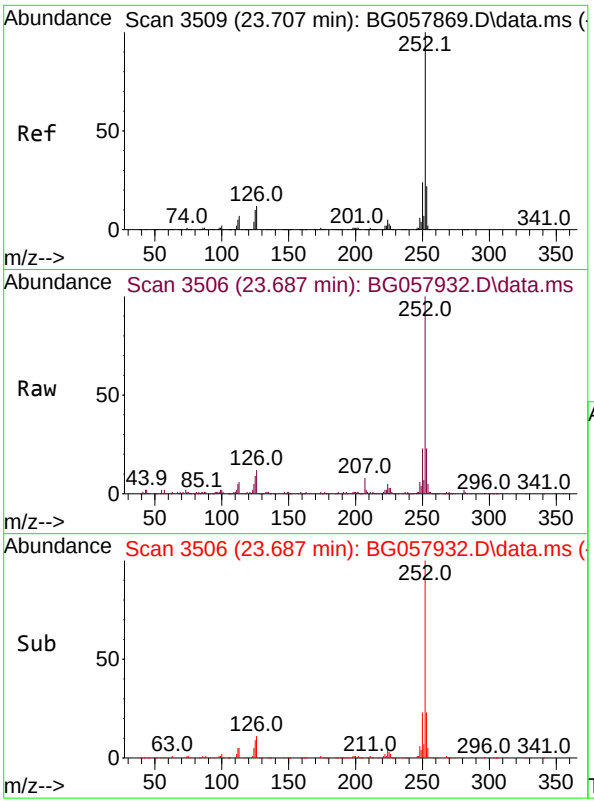


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.609 ng
RT: 28.247 min Scan# 4282
Delta R.T. -0.061 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Tgt Ion:276 Resp: 124683

Ion	Ratio	Lower	Upper
276	100		
138	20.1	12.2	18.4#
277	26.0	20.4	30.6



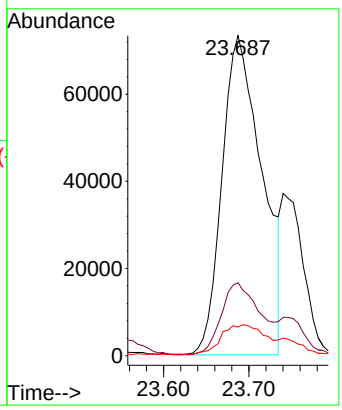


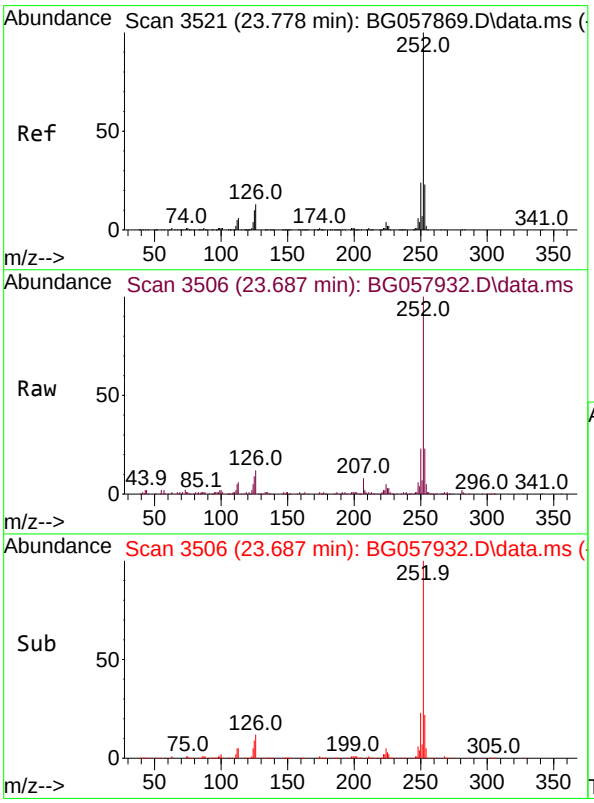
#88
Benzo(b)fluoranthene
Concen: 13.013 ng
RT: 23.687 min Scan# 3
Delta R.T. -0.020 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Tgt Ion:252 Resp: 238151

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	8.9	7.7	11.5

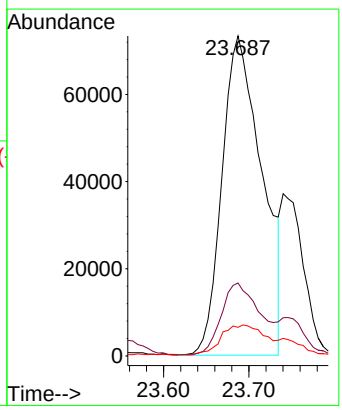


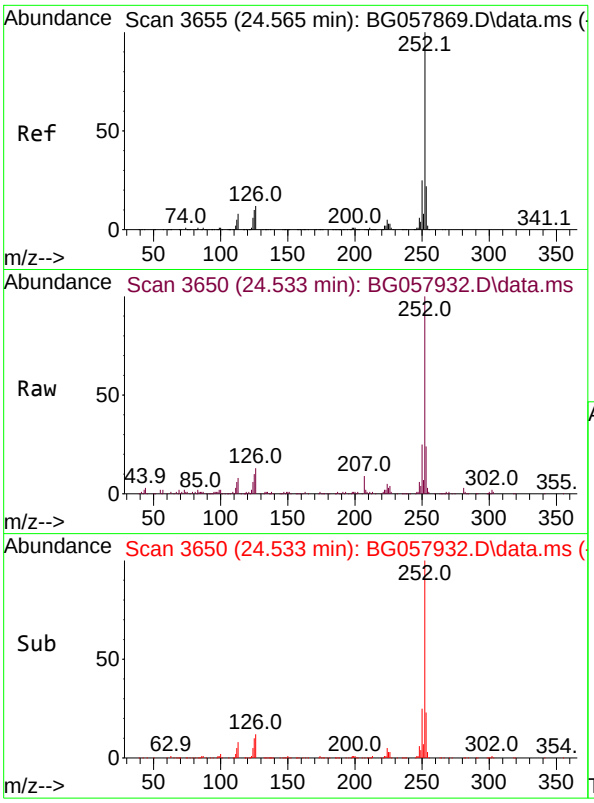


#89
Benzo(k)fluoranthene
Concen: 12.875 ng
RT: 23.687 min Scan# 3506
Delta R.T. -0.090 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Tgt Ion:252 Resp: 238151

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	8.9	7.8	11.6



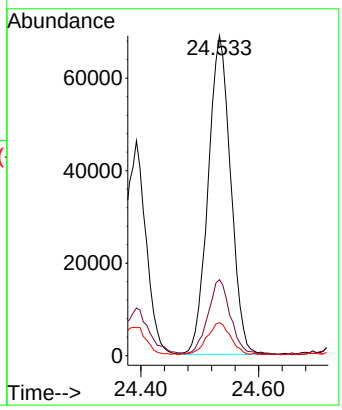


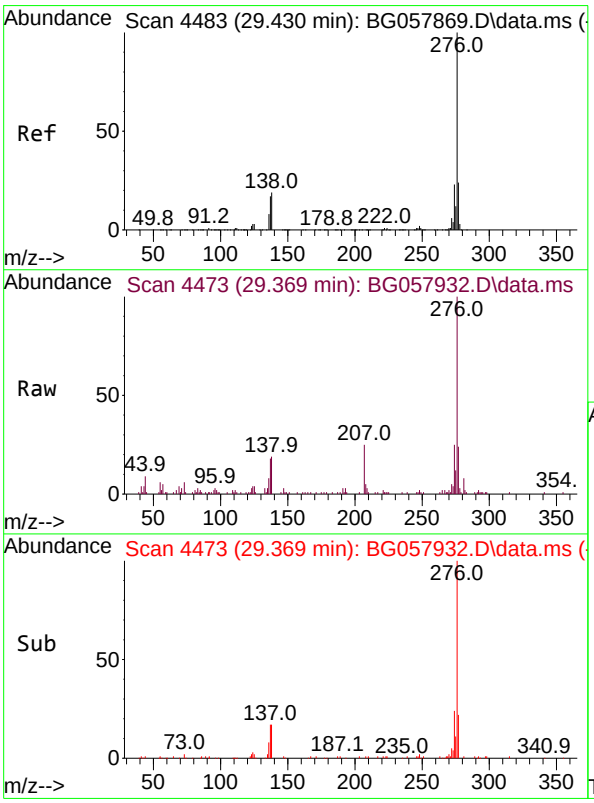
#90
Benzo(a)pyrene
Concen: 10.107 ng
RT: 24.533 min Scan# 3
Delta R.T. -0.032 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Instrument :
BNA_G
ClientSampleId :
CE-88N-062023

Tgt Ion:252 Resp: 183229

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	10.3	8.0	12.0





#92
Benzo(g,h,i)perylene
Concen: 6.882 ng
RT: 29.369 min Scan# 4473
Delta R.T. -0.061 min
Lab File: BG057932.D
Acq: 1 Jul 2023 00:02

Tgt Ion:276 Resp: 126121

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	18.6	15.0	22.6