Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055482.D
Acq On : 5 Nov 2022 23:11
Operator : CG/JU
Sample : N5459-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-110322

Quant Time: Nov 07 01:01:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:51:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.230	152	41602	20.000	ng		0.00
21) Naphthalene-d8	11.062	136	170664	20.000	ng		0.00
39) Acenaphthene-d10	14.851	164	107642	20.000	ng		0.00
64) Phenanthrene-d10	17.583	188	216900	20.000	ng		0.00
76) Chrysene-d12	21.861	240	207009	20.000	ng		0.00
86) Perylene-d12	25.245	264	204925	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.762	112	125379	54.123	ng		0.01
7) Phenol-d6	7.383	99	160006	49.807	ng		0.00
23) Nitrobenzene-d5	9.405	82	96757	30.215	ng		0.00
42) 2,4,6-Tribromophenol	16.332	330	71661	48.807	ng		0.00
45) 2-Fluorobiphenyl	13.476	172	245572	33.825	ng		0.00
79) Terphenyl-d14	20.157	244	344858	32.394	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.405	70	12701	5.060	ng	#	81
51) 2,6-Dinitrotoluene	14.851	165	14830	7.884	ng	#	29
56) 4-Nitrophenol	15.245	139	4094	2.824	ng	#	12
58) Fluorene	15.891	166	18042	2.157	ng		95
71) Phenanthrene	17.624	178	184819	15.149	ng		99
72) Anthracene	17.718	178	44515	3.722	ng		97
73) Carbazole	17.983	167	22428	2.016	ng		98
75) Fluoranthene	19.616	202	261306	17.806	ng		99
78) Pyrene	19.980	202	225509	15.442	ng		99
81) Benzo(a)anthracene	21.837	228	112472	7.915	ng		96
83) Chrysene	21.837	228	112472	8.296	ng		96
87) Indeno(1,2,3-cd)pyrene	29.134	276	45475	2.764	ng	#	93
88) Benzo(b)fluoranthene	24.164	252	127944	9.829	ng	#	75
89) Benzo(k)fluoranthene	24.164	252	127944	9.781	ng	#	76
90) Benzo(a)pyrene	25.080	252	91877	8.163	ng	#	87
92) Benzo(g,h,i)perylene	30.368	276	42122	3.120	ng	#	81

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
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Operator : CG/JU
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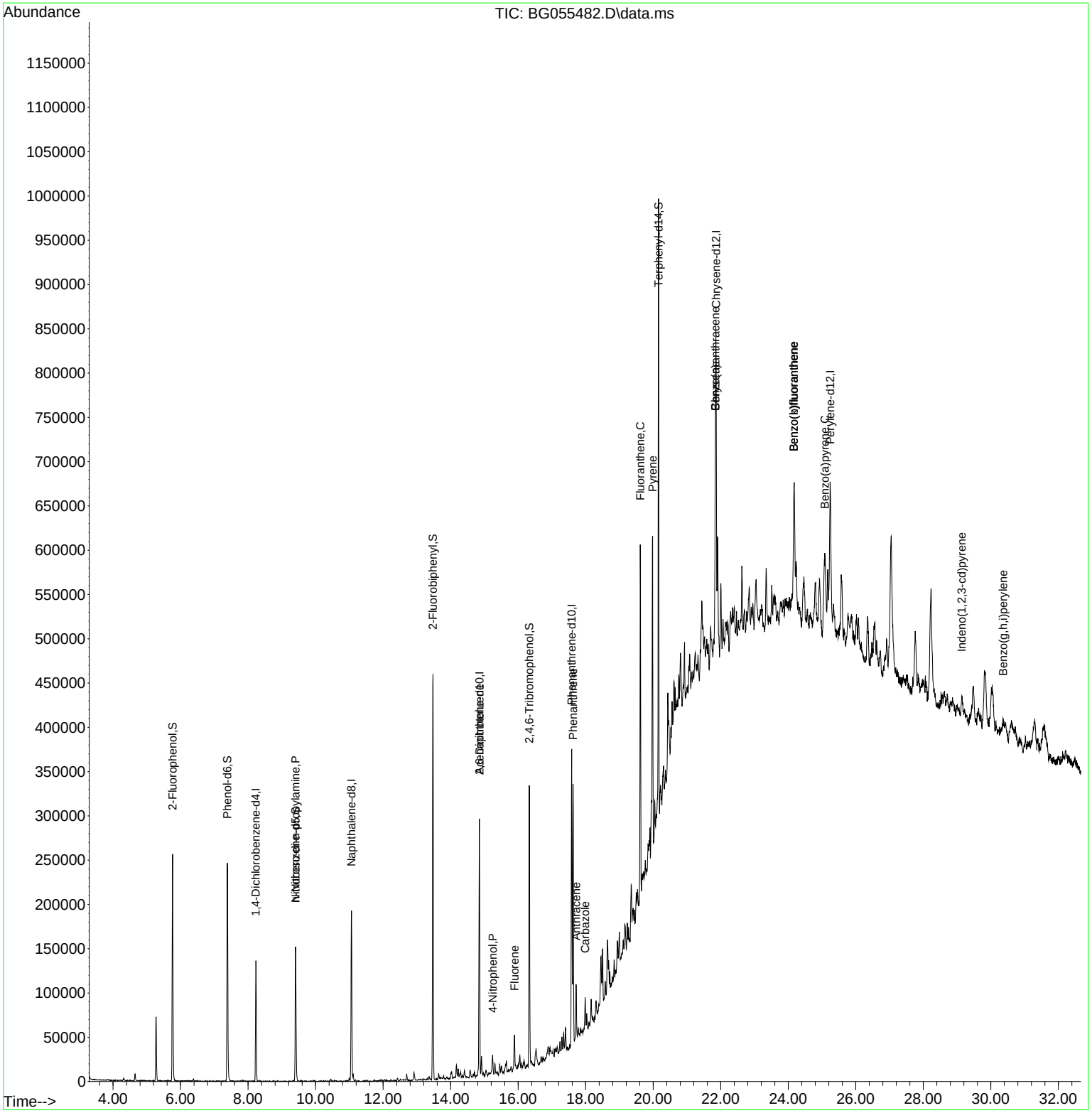
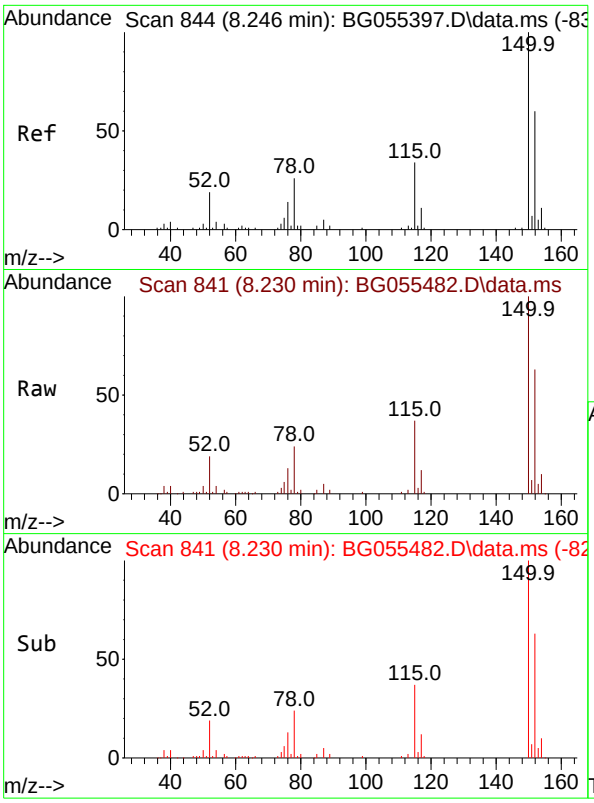
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-110322

Quant Time: Nov 07 01:01:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:51:08 2022
Response via : Initial Calibration



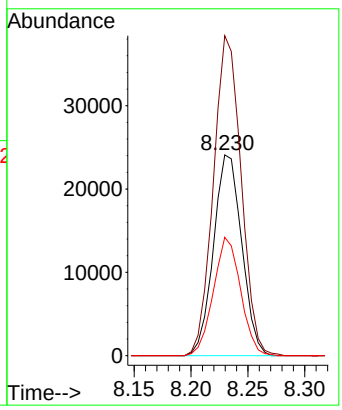


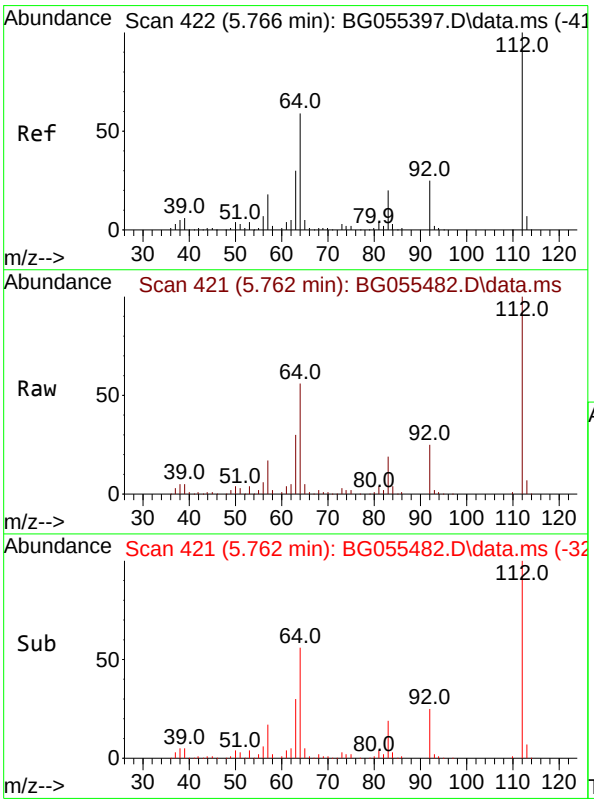
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.230 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
EO-03-110322

Tgt Ion:152 Resp: 41602

Ion	Ratio	Lower	Upper
152	100		
150	159.4	132.8	199.2
115	59.0	45.1	67.7

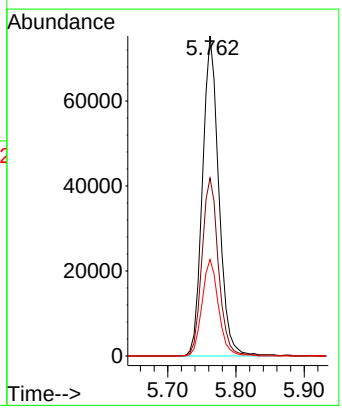


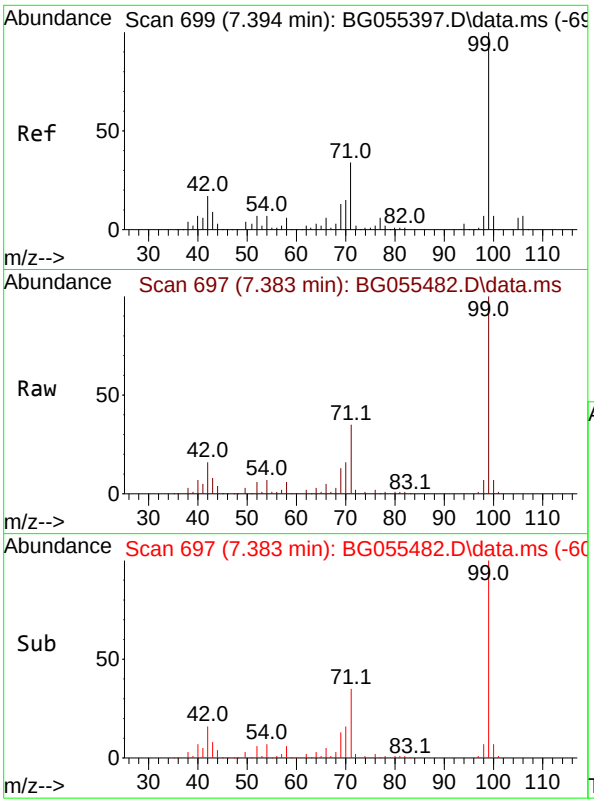


#5
2-Fluorophenol
Concen: 54.123 ng
RT: 5.762 min Scan# 421
Delta R.T. 0.011 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Tgt Ion:112 Resp: 125379

Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.2	70.8
63	30.2	24.3	36.5



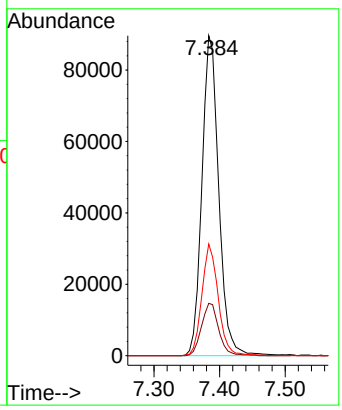


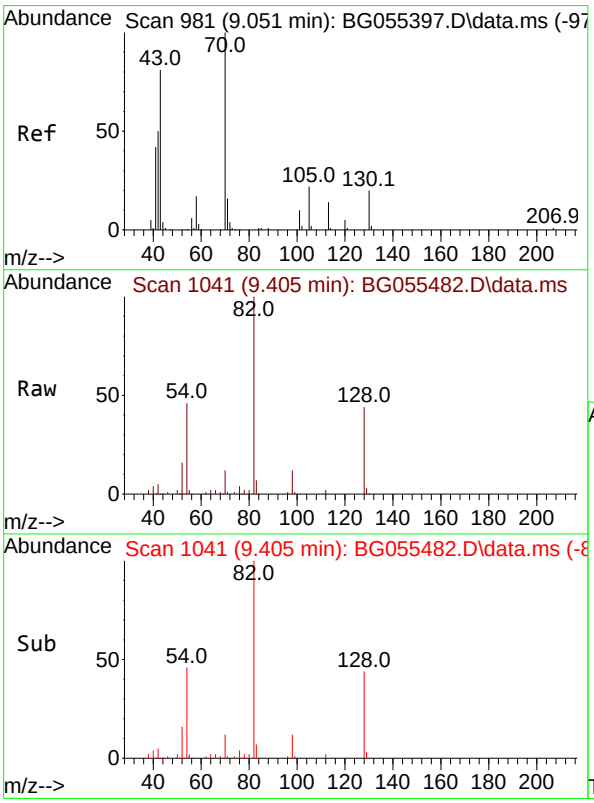
#7
Phenol-d6
Concen: 49.807 ng
RT: 7.383 min Scan# 6
Delta R.T. 0.006 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
EO-03-110322

Tgt Ion: 99 Resp: 160006

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	34.9	27.4	41.0

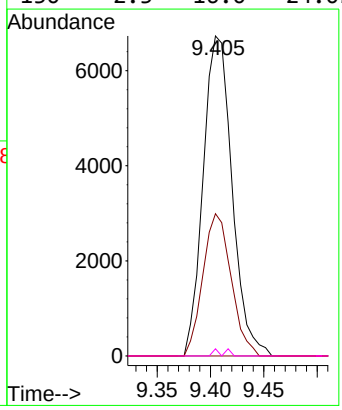


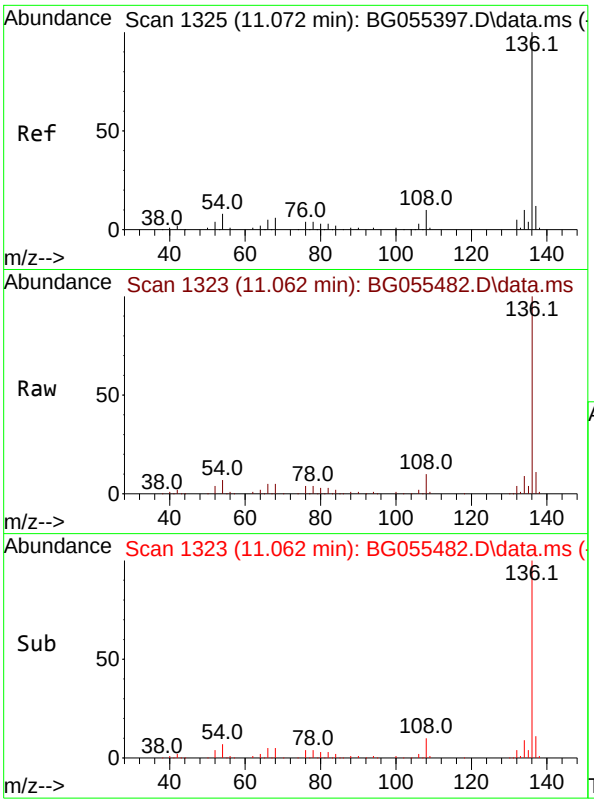


#19
n-Nitroso-di-n-propylamine
Concen: 5.060 ng
RT: 9.405 min Scan# 1041
Delta R.T. 0.370 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Tgt Ion: 70 Resp: 12701

Ion	Ratio	Lower	Upper
70	100		
42	44.4	40.6	61.0
101	0.0	7.8	11.6#
130	2.3	16.0	24.0#



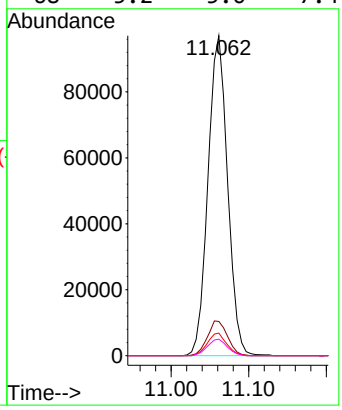


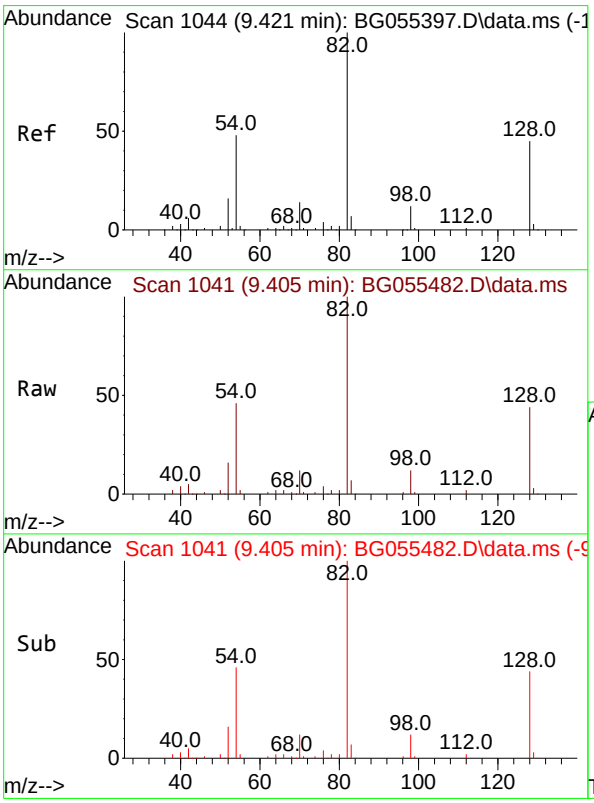
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
EO-03-110322

Tgt Ion:136 Resp: 170664

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.4	14.2
54	7.0	6.1	9.1
68	5.2	5.0	7.4

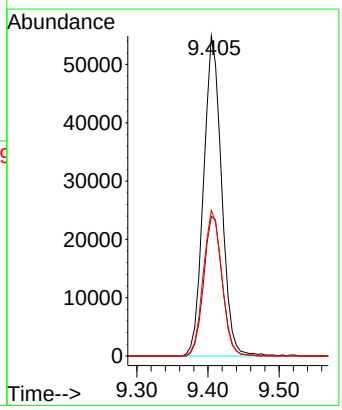


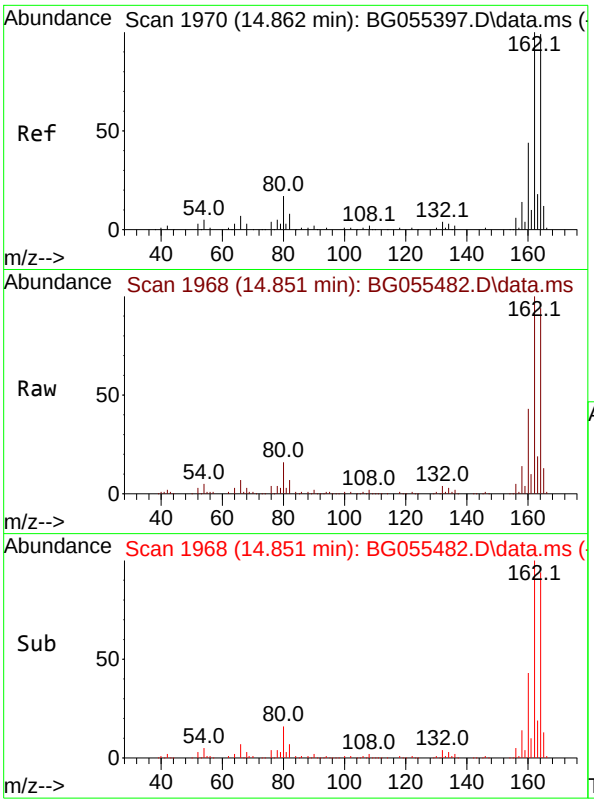


#23
Nitrobenzene-d5
Concen: 30.215 ng
RT: 9.405 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Tgt Ion: 82 Resp: 96757

Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.8	53.8
54	45.5	38.1	57.1



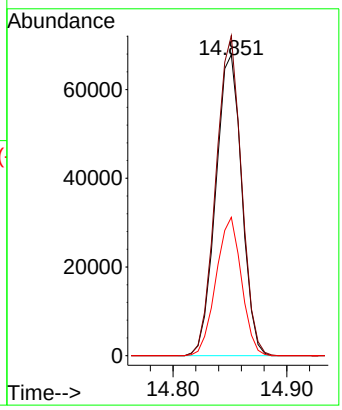


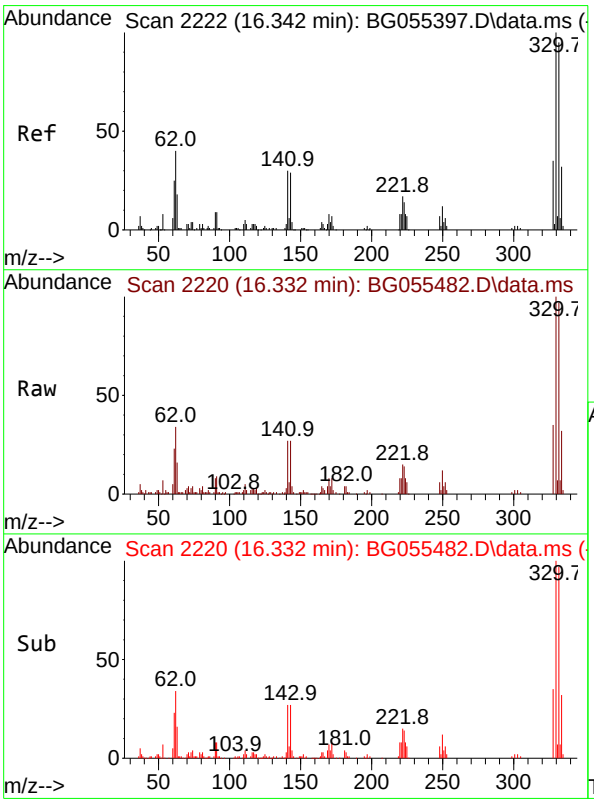
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
EO-03-110322

Tgt Ion:164 Resp: 107642

Ion	Ratio	Lower	Upper
164	100		
162	106.3	81.1	121.7
160	46.0	35.8	53.6

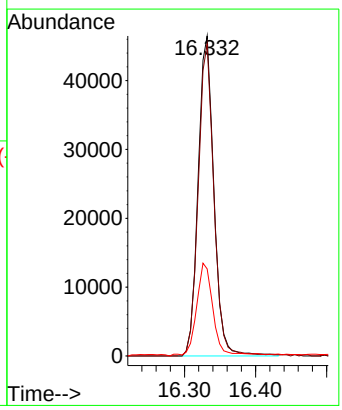


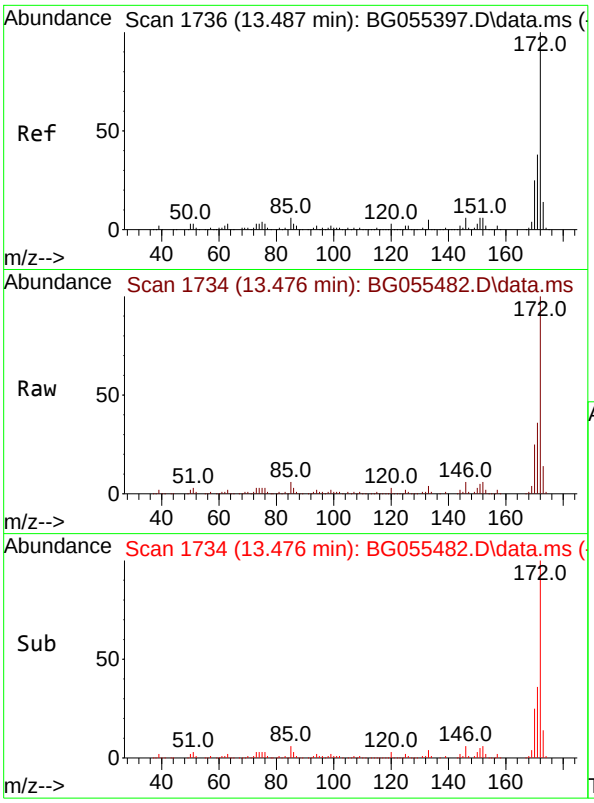


#42
2,4,6-Tribromophenol
Concen: 48.807 ng
RT: 16.332 min Scan# 2220
Delta R.T. -0.000 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Tgt Ion:330 Resp: 71661

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.8	116.6
141	30.9	24.2	36.2



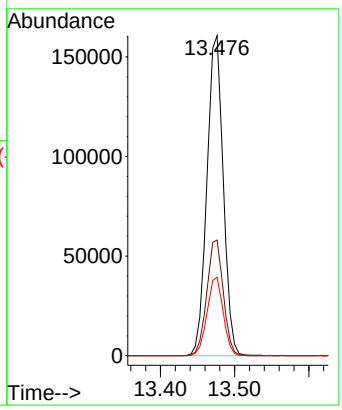


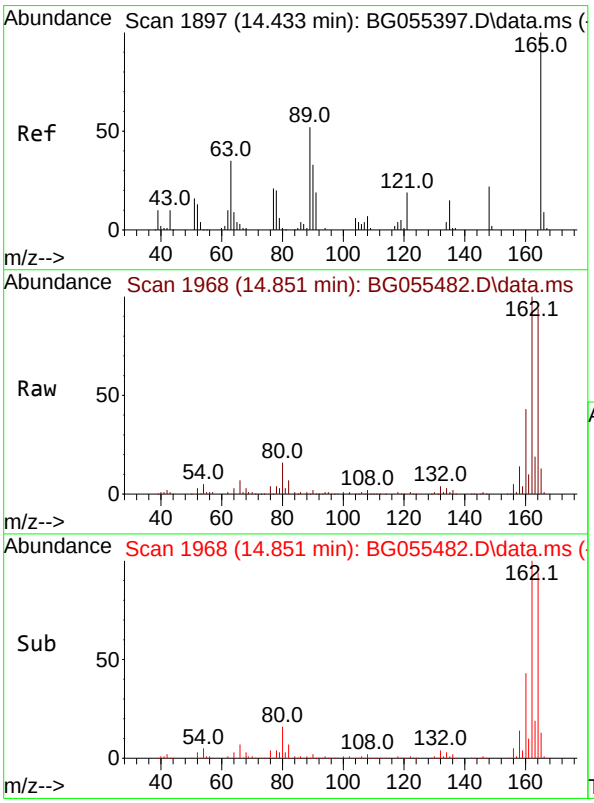
#45
2-Fluorobiphenyl
Concen: 33.825 ng
RT: 13.476 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
EO-03-110322

Tgt Ion:172 Resp: 245572

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.2	45.2
170	24.6	20.2	30.2

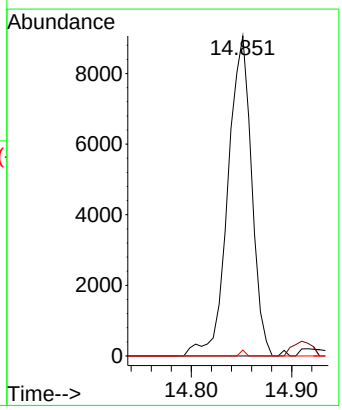


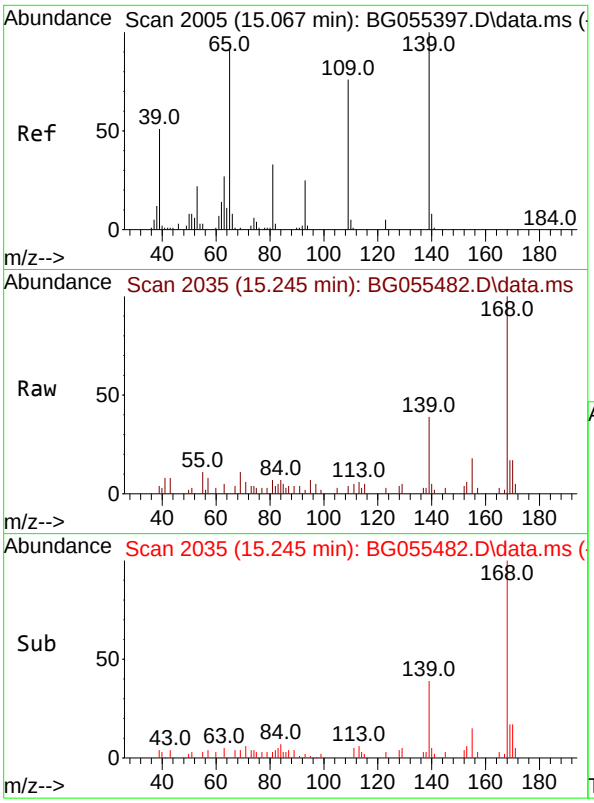


#51
2,6-Dinitrotoluene
Concen: 7.884 ng
RT: 14.851 min Scan# 1968
Delta R.T. 0.429 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Tgt Ion:165 Resp: 14830

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.2	57.4#
89	1.8	41.8	62.6#



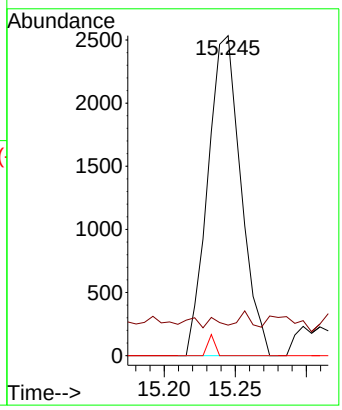


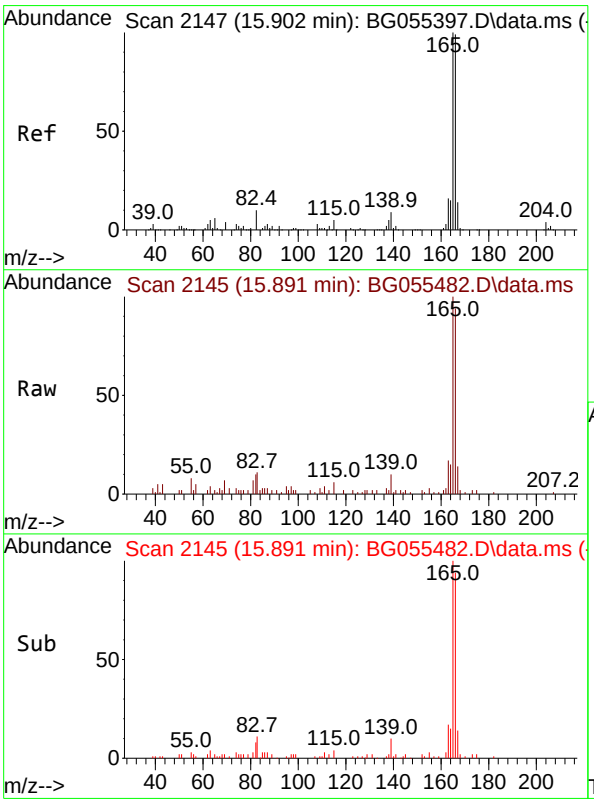
#56
4-Nitrophenol
Concen: 2.824 ng
RT: 15.245 min Scan# 2
Delta R.T. 0.182 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
EO-03-110322

Tgt Ion:139 Resp: 4094

Ion	Ratio	Lower	Upper
139	100		
109	9.6	56.1	96.1#
65	0.0	71.2	111.2#

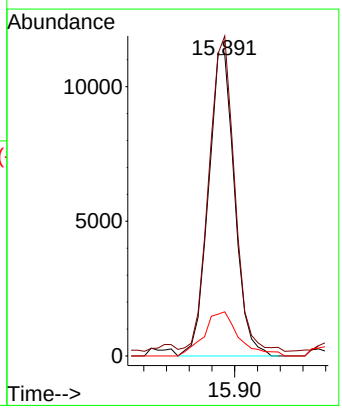


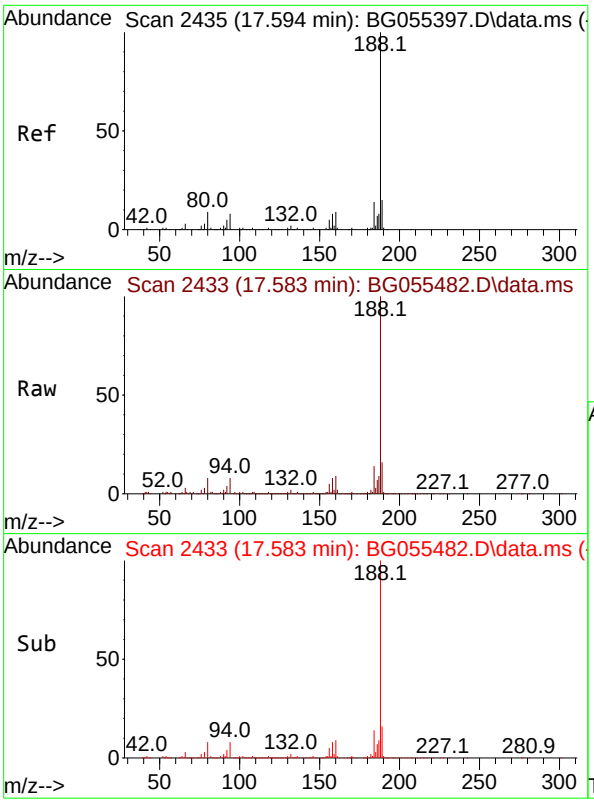


#58
Fluorene
Concen: 2.157 ng
RT: 15.891 min Scan# 2145
Delta R.T. 0.006 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Tgt Ion:166 Resp: 18042

Ion	Ratio	Lower	Upper
166	100		
165	106.2	81.0	121.6
167	14.7	11.0	16.6



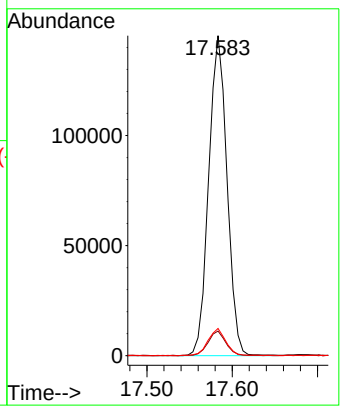


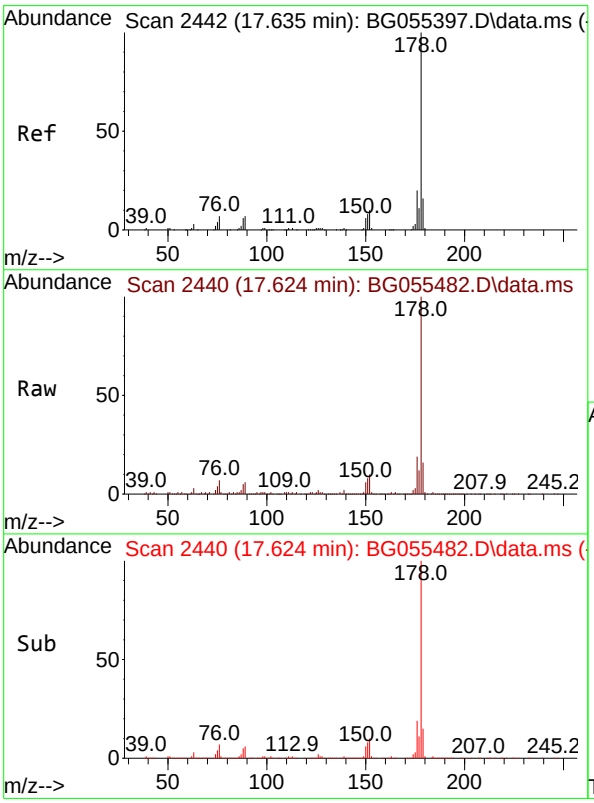
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.583 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
EO-03-110322

Tgt Ion:188 Resp: 216900

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.5	9.7
80	8.5	7.4	11.0

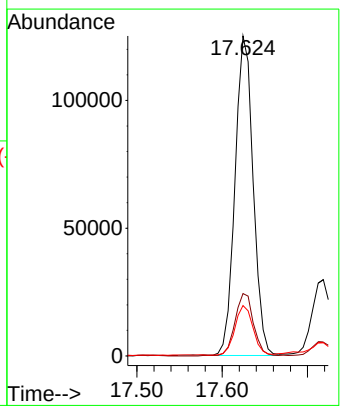


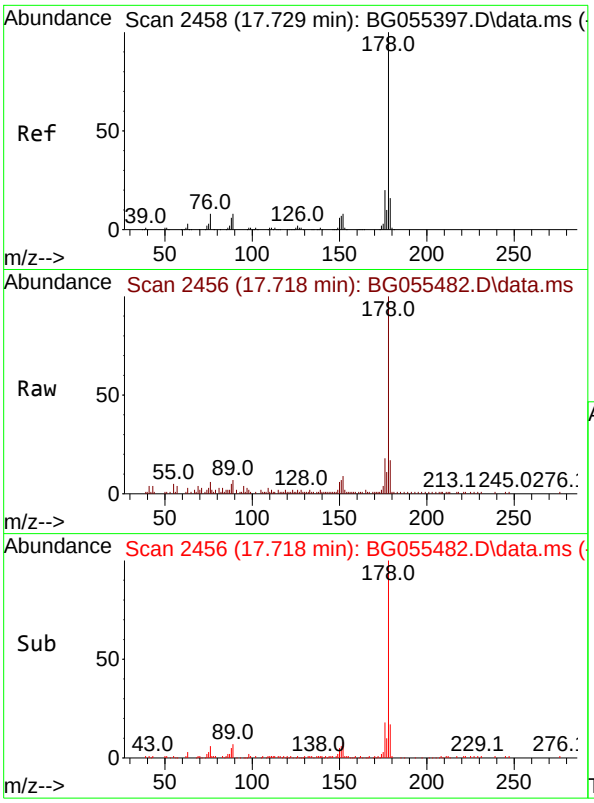


#71
Phenanthrene
Concen: 15.149 ng
RT: 17.624 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Tgt Ion:178 Resp: 184819

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.7	12.7	19.1



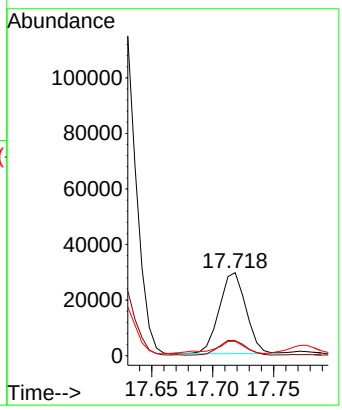


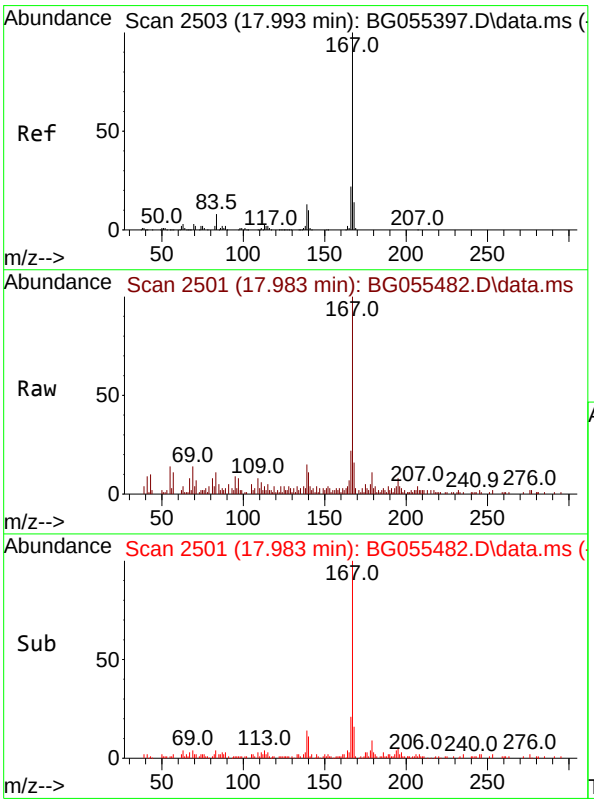
#72
Anthracene
Concen: 3.722 ng
RT: 17.718 min Scan# 24
Delta R.T. 0.006 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
EO-03-110322

Tgt Ion:178 Resp: 44515

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.7	23.5
179	17.4	13.0	19.6

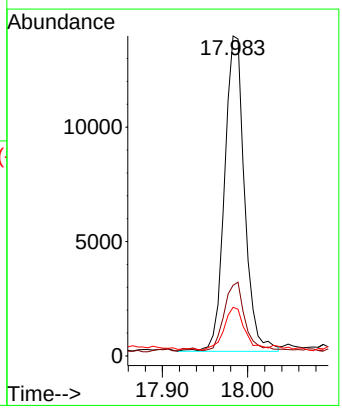


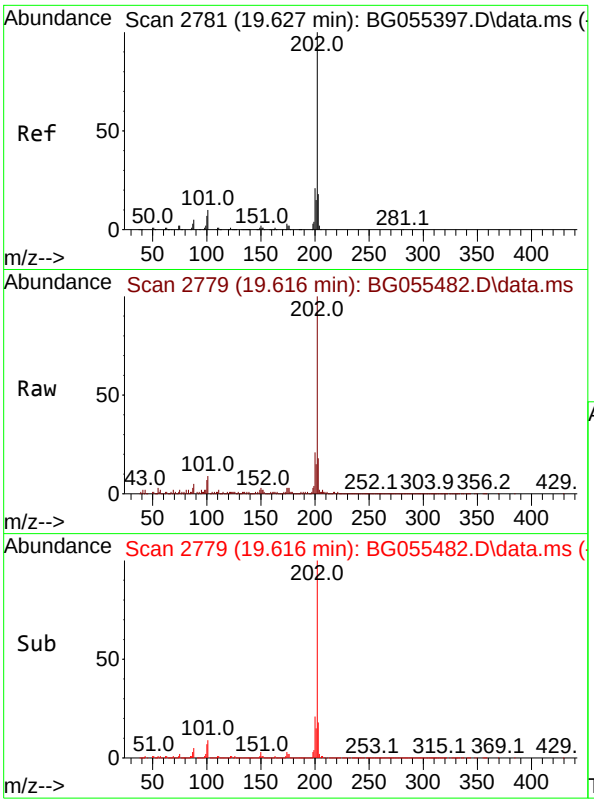


#73
Carbazole
Concen: 2.016 ng
RT: 17.983 min Scan# 2501
Delta R.T. -0.000 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Tgt Ion:167 Resp: 22428

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.9	26.9
139	15.2	10.4	15.6



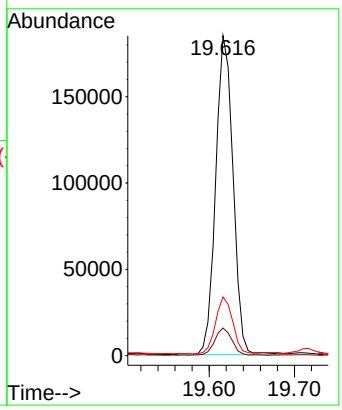


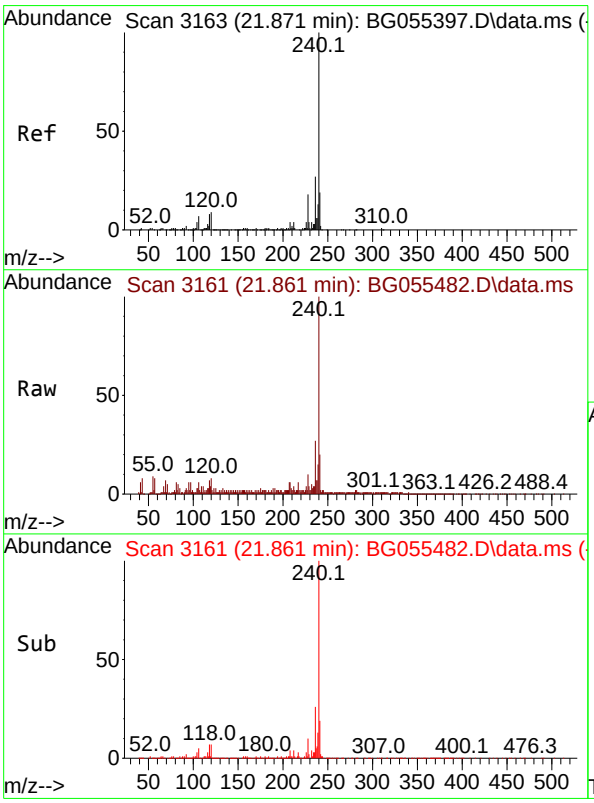
#75
Fluoranthene
Concen: 17.806 ng
RT: 19.616 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
EO-03-110322

Tgt Ion:202 Resp: 261306

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	29.8
203	18.3	0.0	38.1

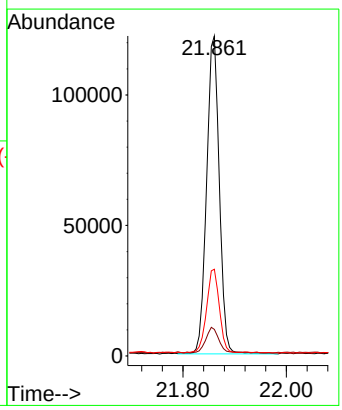


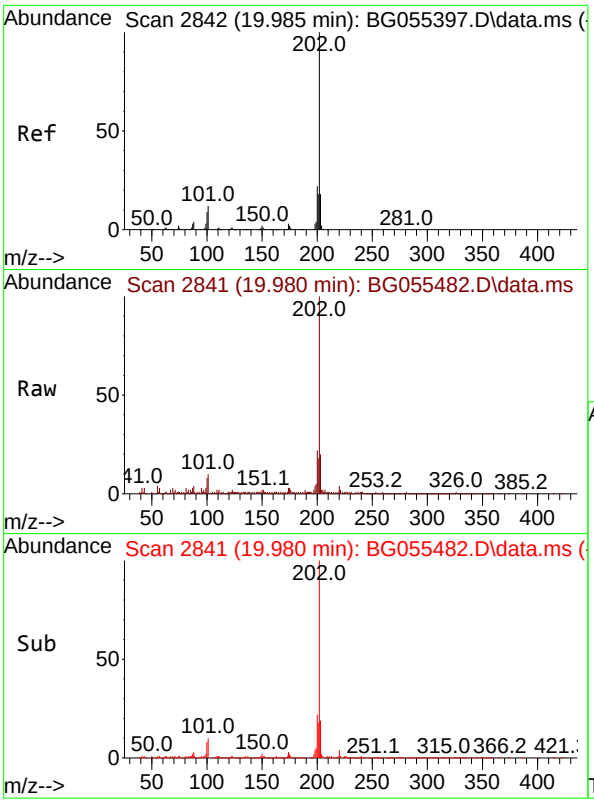


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.861 min Scan# 3161
Delta R.T. 0.006 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Tgt Ion:240 Resp: 207009

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.9	10.3
236	27.1	21.5	32.3



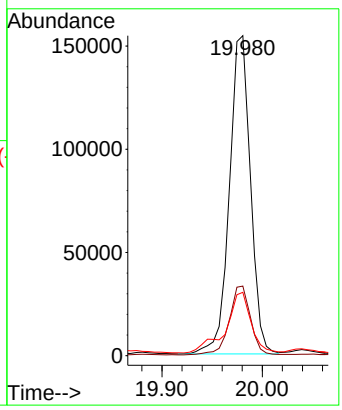


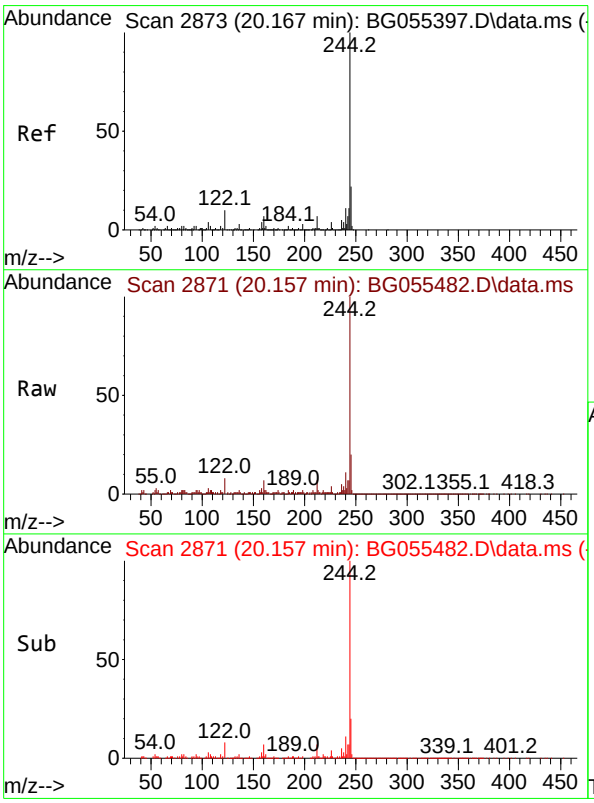
#78
Pyrene
Concen: 15.442 ng
RT: 19.980 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
EO-03-110322

Tgt Ion:202 Resp: 225509

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	19.8	14.7	22.1

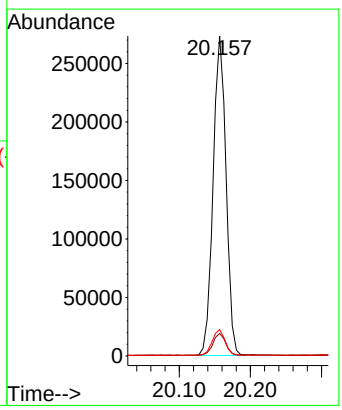


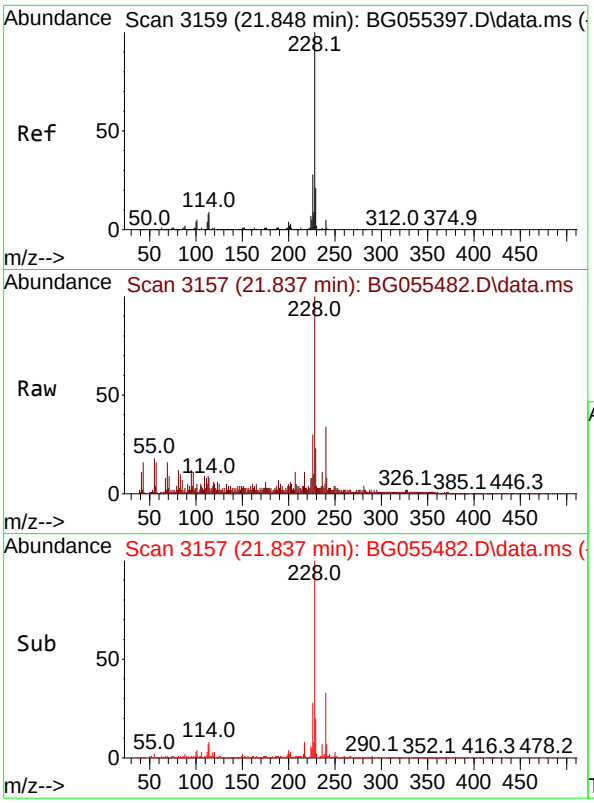


#79
Terphenyl-d14
Concen: 32.394 ng
RT: 20.157 min Scan# 2871
Delta R.T. -0.000 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Tgt Ion:244 Resp: 344858

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	8.2	7.8	11.6



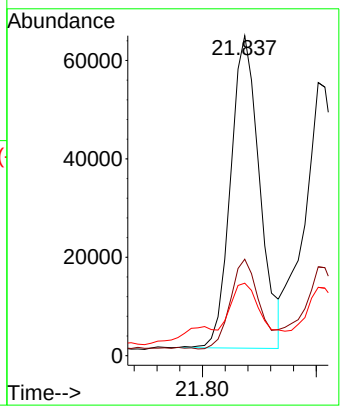


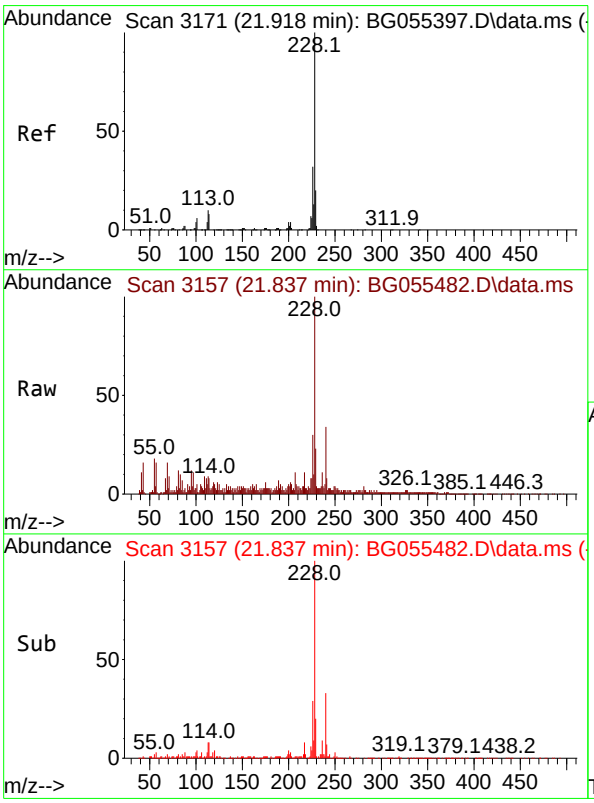
#81
Benzo(a)anthracene
Concen: 7.915 ng
RT: 21.837 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
EO-03-110322

Tgt Ion:228 Resp: 112472

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	22.6	16.5	24.7

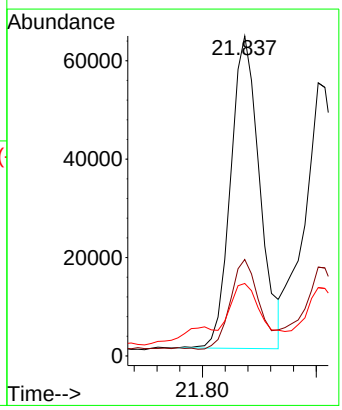


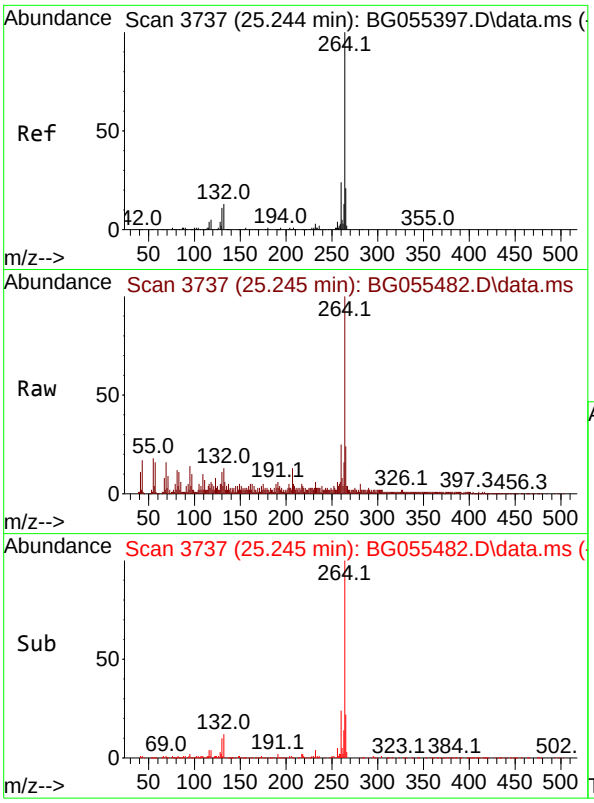


#83
Chrysene
Concen: 8.296 ng
RT: 21.837 min Scan# 3157
Delta R.T. -0.065 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Tgt Ion:228 Resp: 112472

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.2	37.8
229	22.6	16.2	24.2



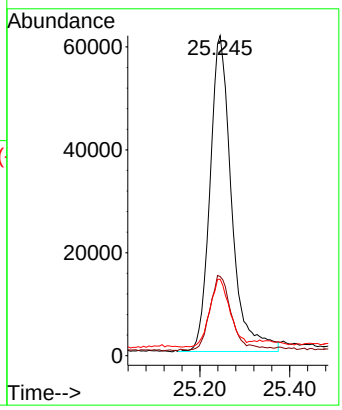


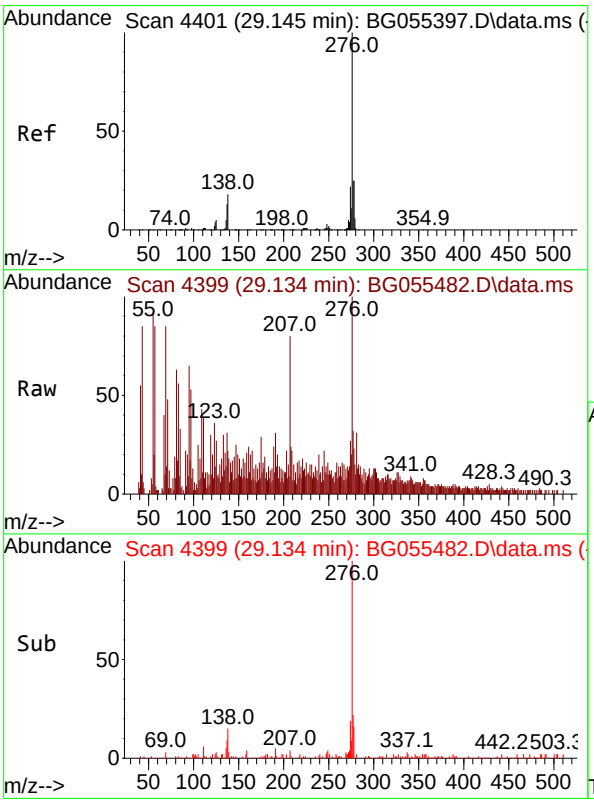
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.245 min Scan# 3
Delta R.T. 0.023 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
EO-03-110322

Tgt Ion:264 Resp: 204925

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.9	28.3
265	23.9	17.1	25.7

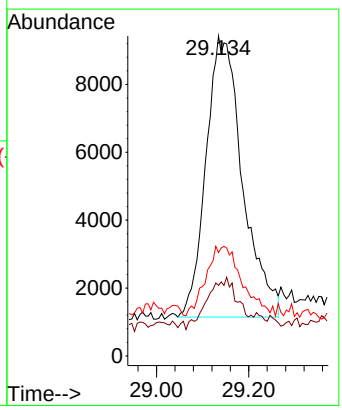


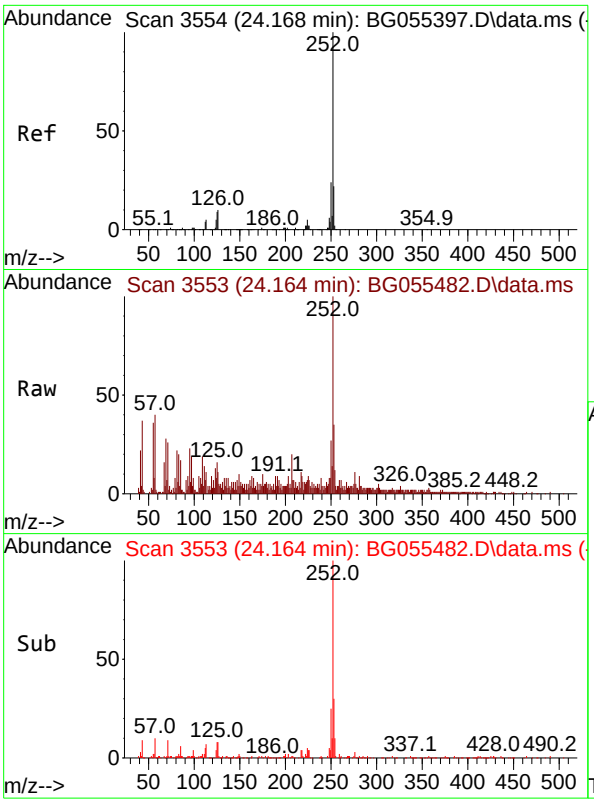


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.764 ng
RT: 29.134 min Scan# 4399
Delta R.T. 0.023 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Tgt Ion:276 Resp: 45475

Ion	Ratio	Lower	Upper
276	100		
138	15.2	16.2	24.2#
277	24.0	20.5	30.7



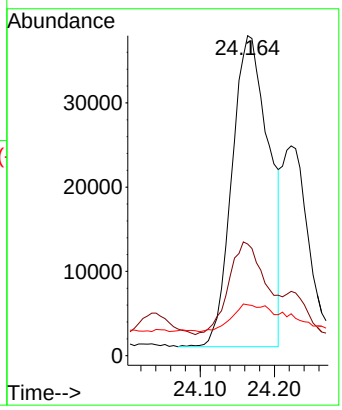


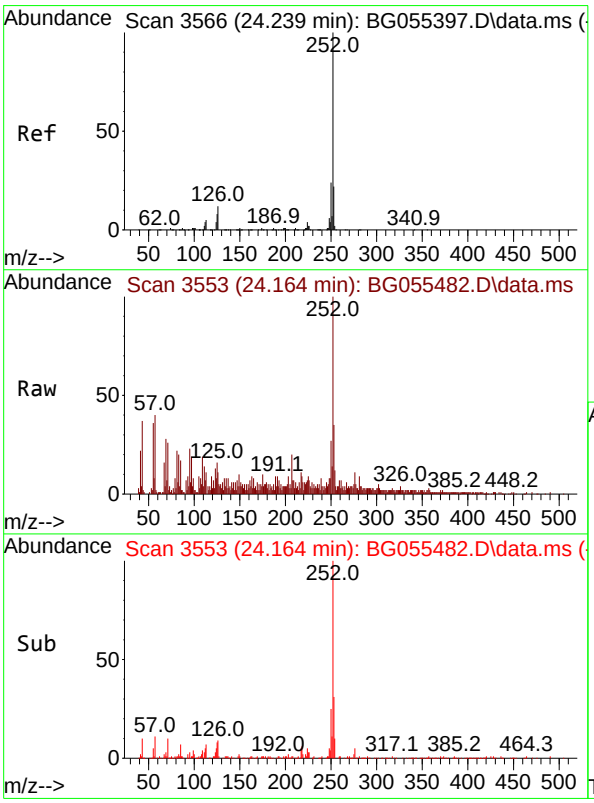
#88
Benzo(b)fluoranthene
Concen: 9.829 ng
RT: 24.164 min Scan# 3
Delta R.T. 0.017 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
EO-03-110322

Tgt Ion:252 Resp: 127944

Ion	Ratio	Lower	Upper
252	100		
253	34.9	17.8	26.8#
125	15.9	6.8	10.2#

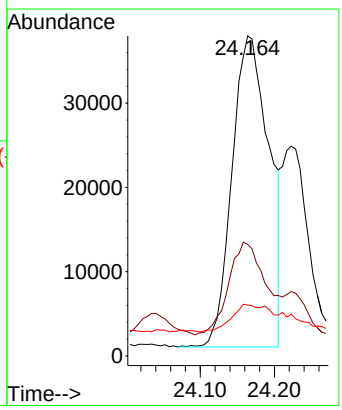


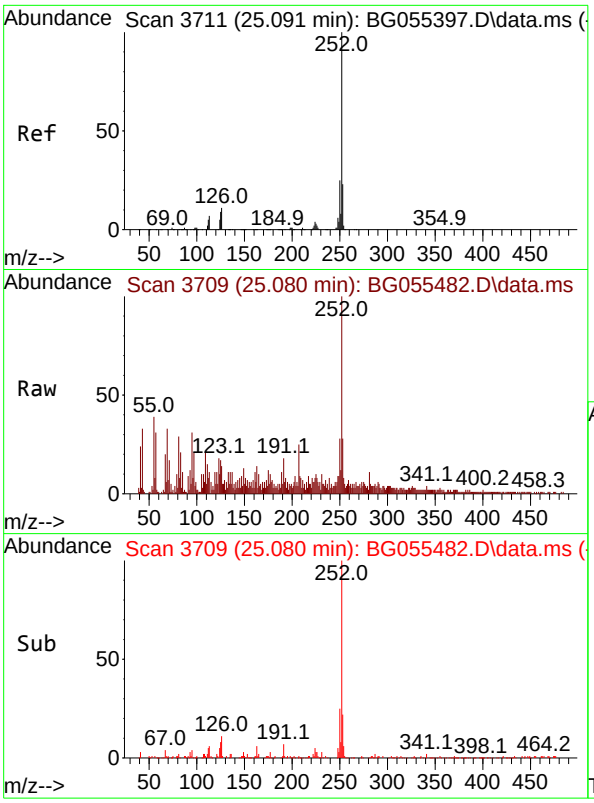


#89
Benzo(k)fluoranthene
Concen: 9.781 ng
RT: 24.164 min Scan# 3553
Delta R.T. -0.053 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Tgt Ion:252 Resp: 127944

Ion	Ratio	Lower	Upper
252	100		
253	34.9	17.9	26.9#
125	15.9	6.9	10.3#



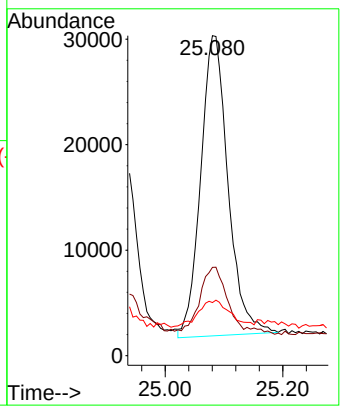


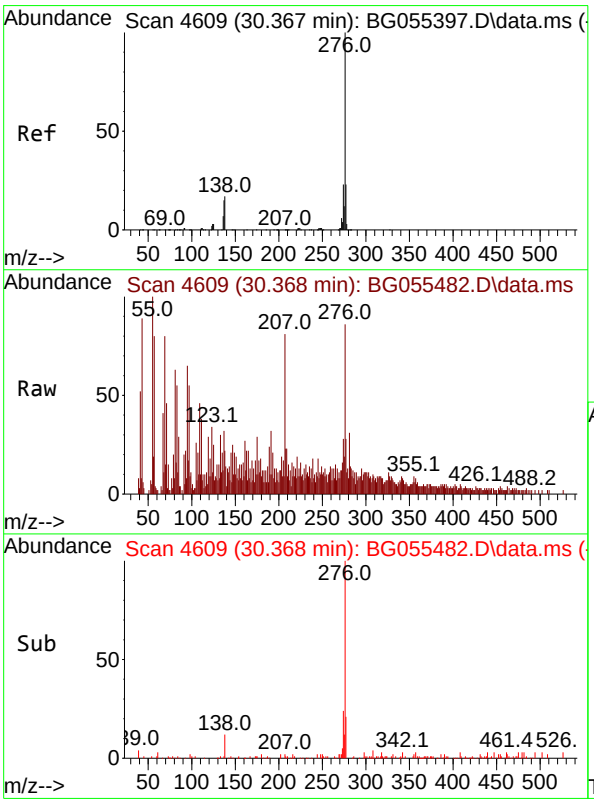
#90
Benzo(a)pyrene
Concen: 8.163 ng
RT: 25.080 min Scan# 3
Delta R.T. 0.017 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
EO-03-110322

Tgt Ion:252 Resp: 91877

Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.2	27.2#
125	16.6	7.1	10.7#





#92
Benzo(g,h,i)perylene
Concen: 3.120 ng
RT: 30.368 min Scan# 4609
Delta R.T. 0.047 min
Lab File: BG055482.D
Acq: 5 Nov 2022 23:11

Tgt Ion:276 Resp: 42122

Ion	Ratio	Lower	Upper
276	100		
277	32.2	18.6	28.0#
138	25.0	13.4	20.0#