Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060108.D
Acq On : 20 Dec 2023 21:13
Operator : MA/JU
Sample : 05882-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-121523

Quant Time: Dec 21 02:41:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 04:37:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	49982	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	165558	20.000	ng	# 0.00
39) Acenaphthene-d10	14.588	164	155677	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	455395	20.000	ng	#-0.02
76) Chrysene-d12	21.609	240	598676	20.000	ng	# 0.00
86) Perylene-d12	24.800	264	698263	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	18269	6.257	ng	0.00
7) Phenol-d6	7.109	99	30436	7.411	ng	0.00
23) Nitrobenzene-d5	9.112	82	25897	7.103	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	35966	9.913	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	86115	6.770	ng	0.00
79) Terphenyl-d14	19.958	244	226376	6.904	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.059	117	3499	3.000	ng	# 1
22) Acetophenone	8.748	105	10346	2.144	ng	# 60
69) Atrazine	16.809	200	461	Below Cal		82
71) Phenanthrene	17.379	178	133372	6.046	ng	96
75) Fluoranthene	19.394	202	316801	9.842	ng	96
78) Pyrene	19.759	202	350203	9.650	ng	97
81) Benzo(a)anthracene	21.586	228	262676	6.532	ng	97
83) Chrysene	21.651	228	255570	6.708	ng	91
87) Indeno(1,2,3-cd)pyrene	28.431	276	164770	3.306	ng	# 75
88) Benzo(b)fluoranthene	23.789	252	346035	8.024	ng	# 90
89) Benzo(k)fluoranthene	23.789	252	346035	8.272	ng	# 91
90) Benzo(a)pyrene	24.500	252	172370	4.511	ng	97
92) Benzo(g,h,i)perylene	29.571	276	151801	3.662	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060108.D
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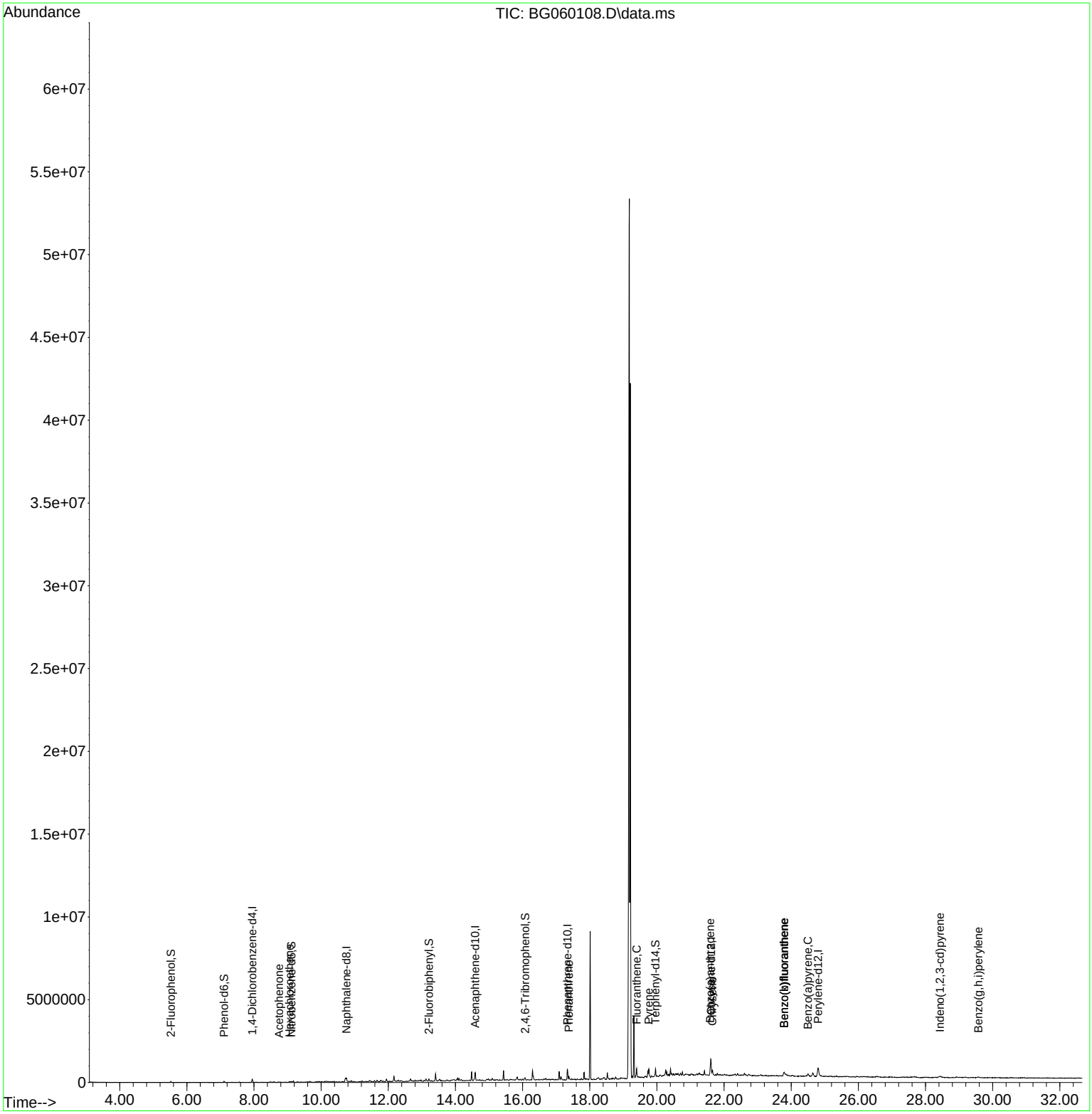
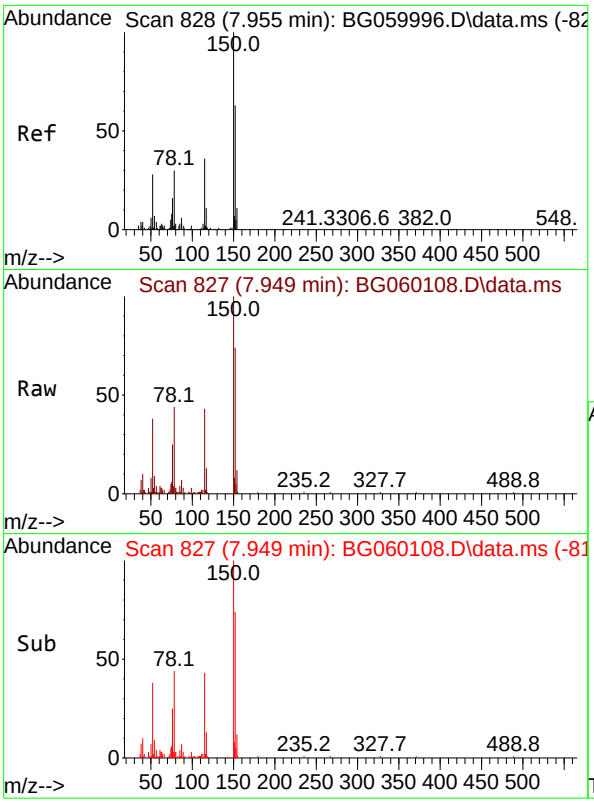
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-121523

Quant Time: Dec 21 02:41:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 04:37:23 2023
Response via : Initial Calibration



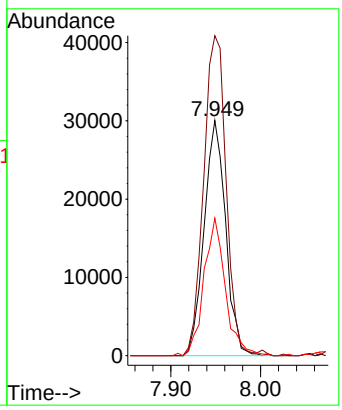


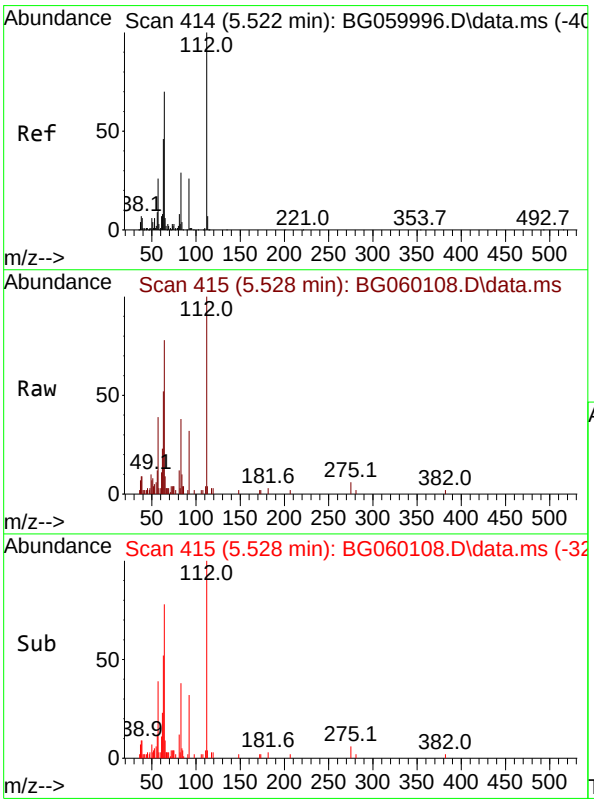
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.949 min Scan# 8
Delta R.T. -0.010 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Instrument :
BNA_G
ClientSampleId :
TR-04-121523

Tgt Ion:152 Resp: 49982

Ion	Ratio	Lower	Upper
152	100		
150	136.0	127.0	190.6
115	58.4	45.7	68.5

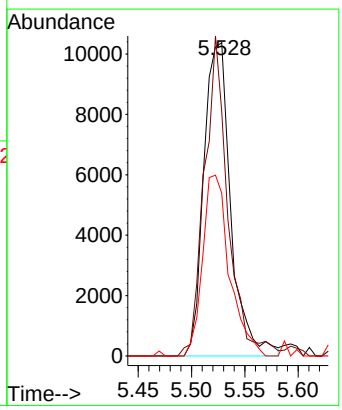


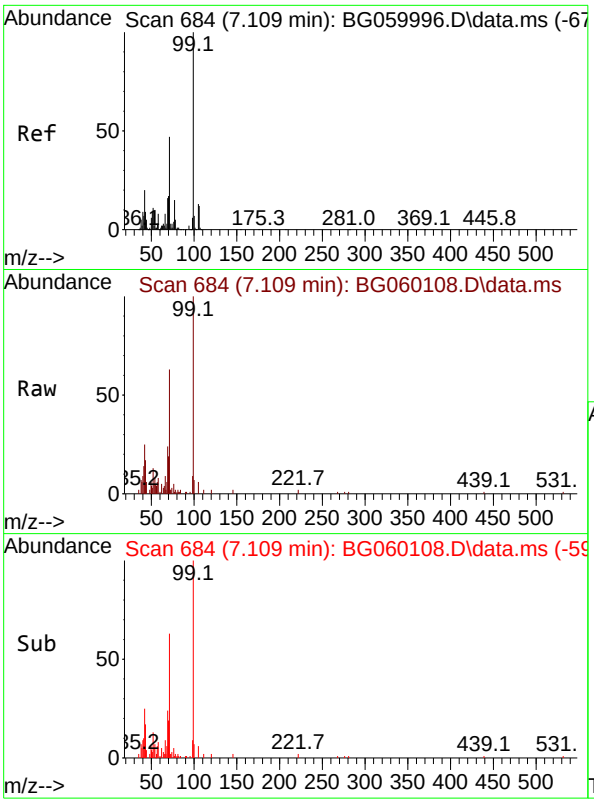


#5
2-Fluorophenol
Concen: 6.257 ng
RT: 5.528 min Scan# 415
Delta R.T. 0.002 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Tgt Ion:112 Resp: 18269

Ion	Ratio	Lower	Upper
112	100		
64	78.1	55.9	83.9
63	52.0	36.5	54.7



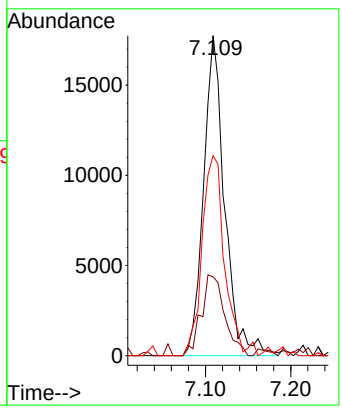


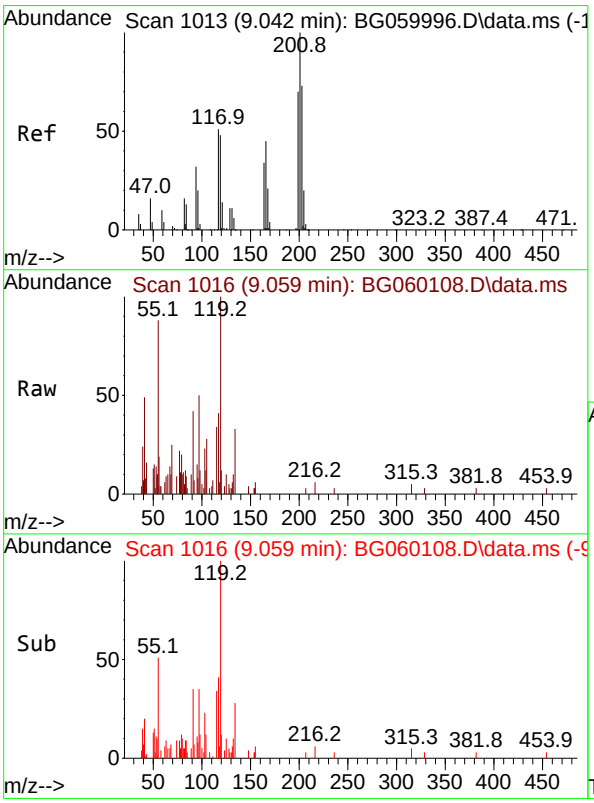
#7
Phenol-d6
Concen: 7.411 ng
RT: 7.109 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Instrument :
BNA_G
ClientSampleId :
TR-04-121523

Tgt Ion: 99 Resp: 30436

Ion	Ratio	Lower	Upper
99	100		
42	24.6	16.2	24.4#
71	62.5	37.6	56.4#

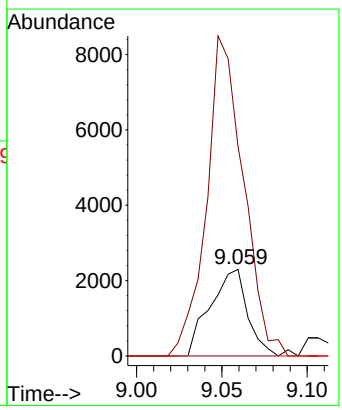


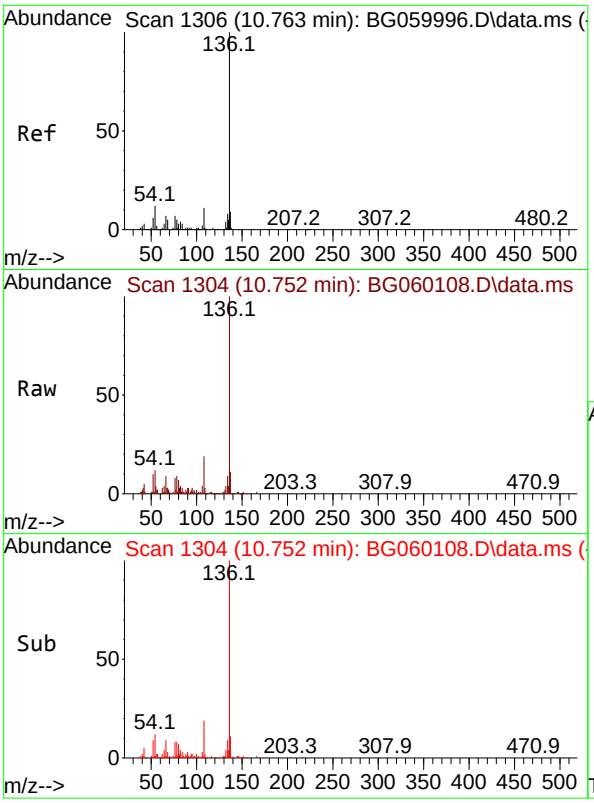


#18
Hexachloroethane
Concen: 3.000 ng
RT: 9.059 min Scan# 1016
Delta R.T. 0.014 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Tgt Ion:117 Resp: 3499

Ion	Ratio	Lower	Upper
117	100		
119	241.8	74.5	111.7#
201	0.0	156.5	234.7#



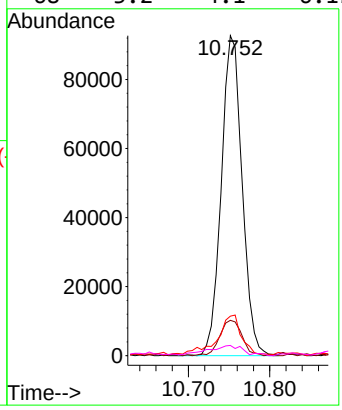


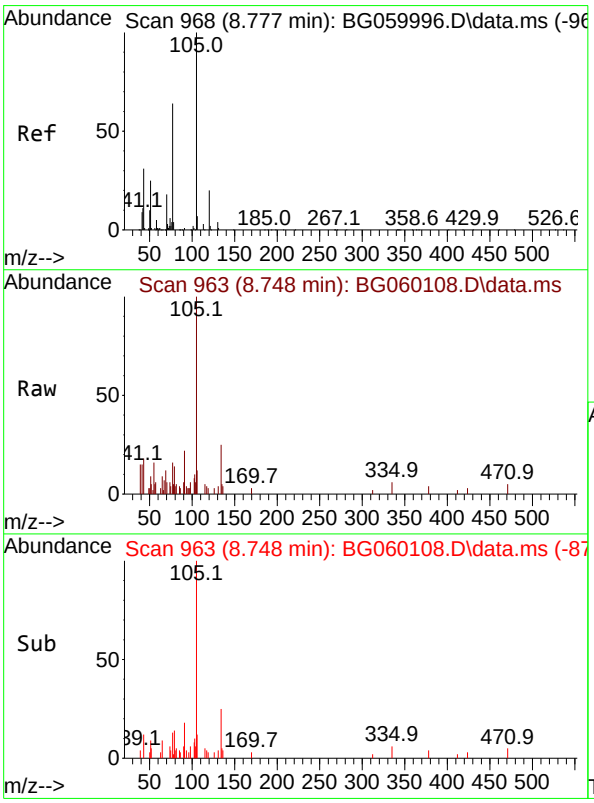
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Instrument :
BNA_G
ClientSampleId :
TR-04-121523

Tgt Ion:136 Resp: 165558

Ion	Ratio	Lower	Upper
136	100		
137	11.1	7.3	10.9#
54	12.4	9.6	14.4
68	3.2	4.1	6.1#

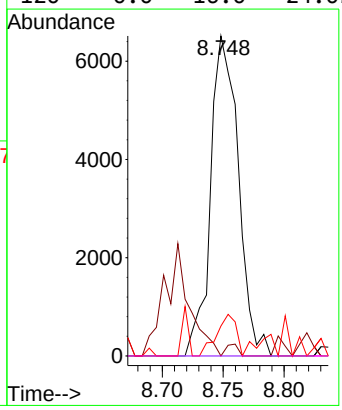


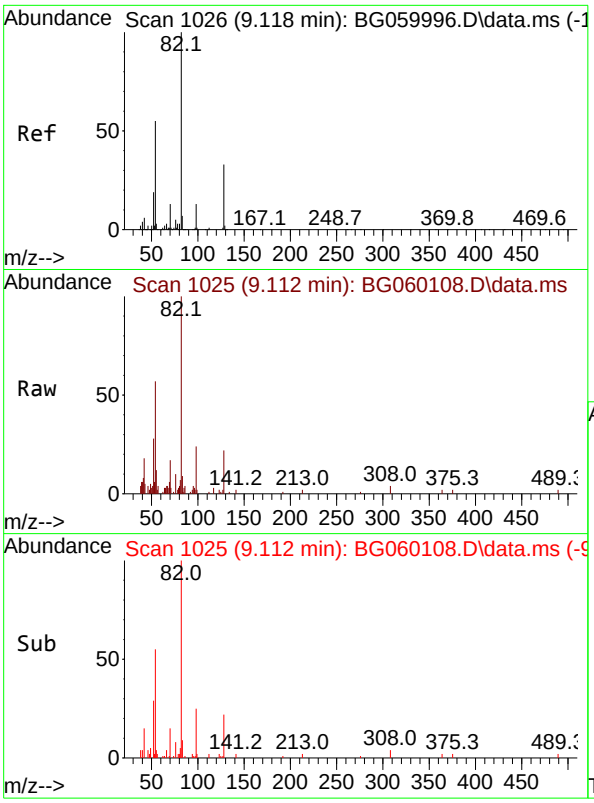


#22
Acetophenone
Concen: 2.144 ng
RT: 8.748 min Scan# 963
Delta R.T. -0.033 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Tgt Ion:105 Resp: 10346

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.1	3.1#
51	9.3	25.4	38.0#
120	0.0	16.0	24.0#



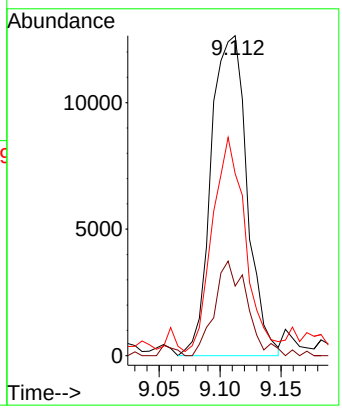


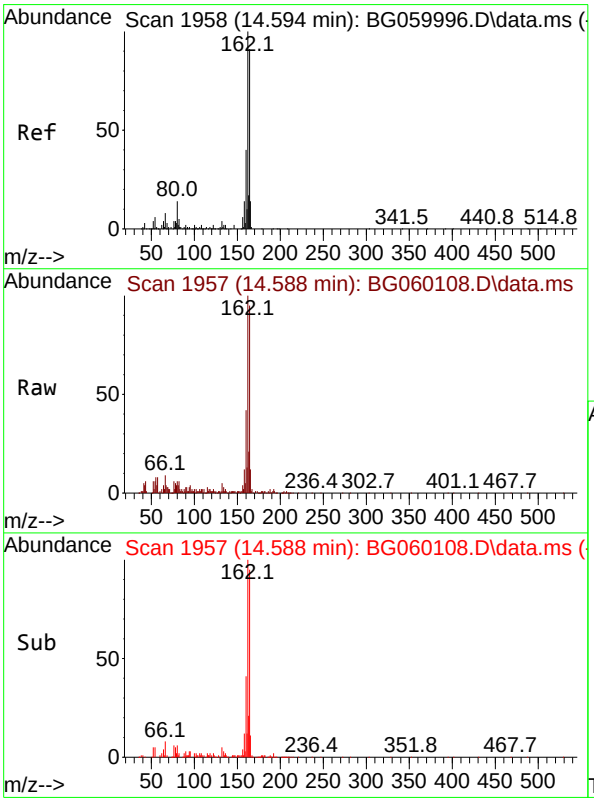
#23
Nitrobenzene-d5
Concen: 7.103 ng
RT: 9.112 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Instrument :
BNA_G
ClientSampleId :
TR-04-121523

Tgt Ion: 82 Resp: 25897

Ion	Ratio	Lower	Upper
82	100		
128	21.8	26.3	39.5#
54	56.9	44.3	66.5

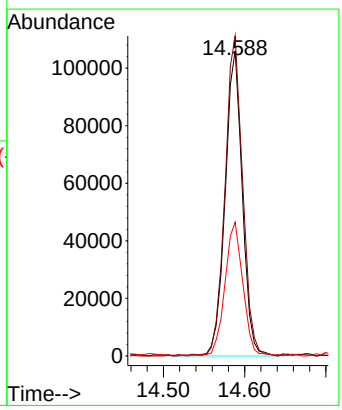


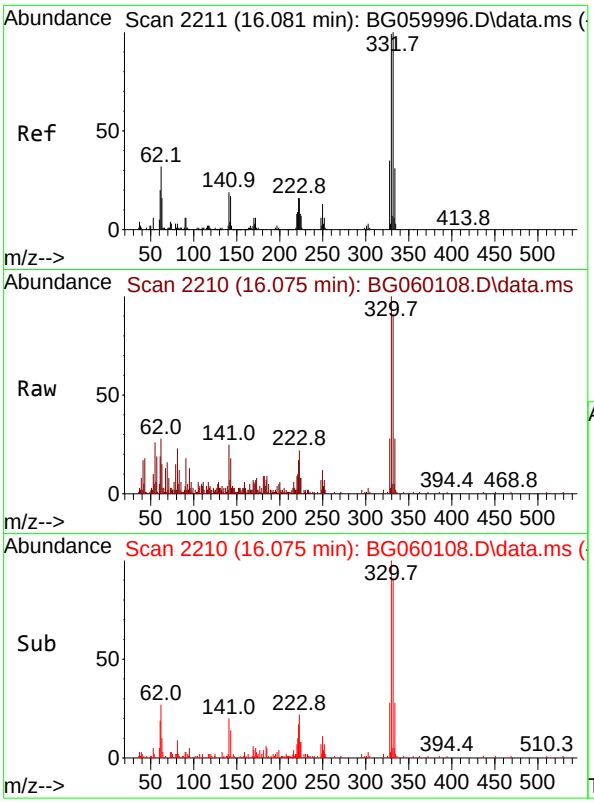


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.588 min Scan# 1957
Delta R.T. -0.010 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Tgt Ion:164 Resp: 155677

Ion	Ratio	Lower	Upper
164	100		
162	104.8	88.1	132.1
160	43.8	35.4	53.0



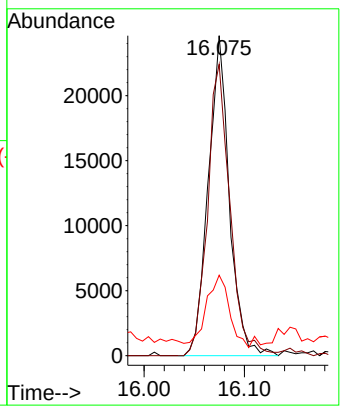


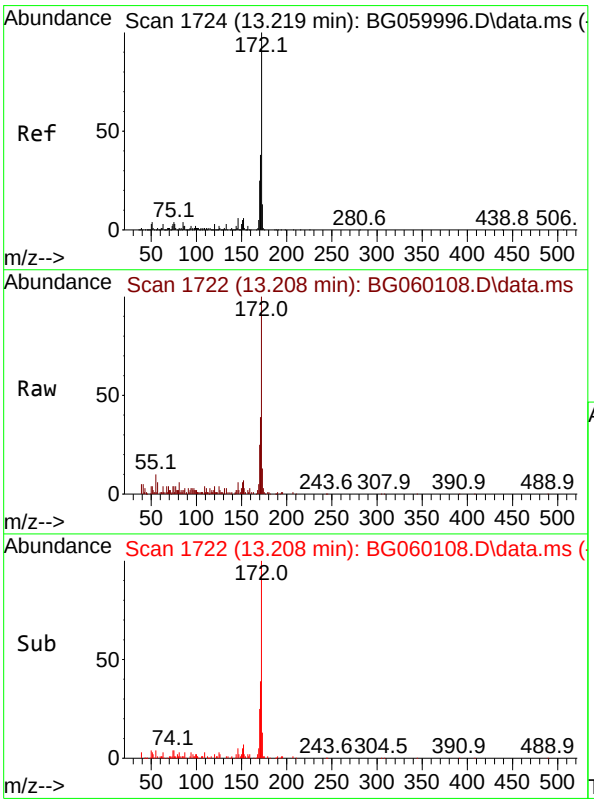
#42
2,4,6-Tribromophenol
Concen: 9.913 ng
RT: 16.075 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Instrument :
BNA_G
ClientSampleId :
TR-04-121523

Tgt Ion:330 Resp: 35966

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	24.6	14.3	21.5#

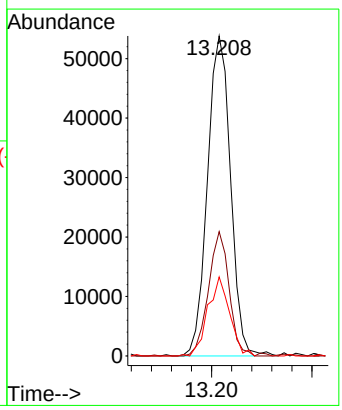


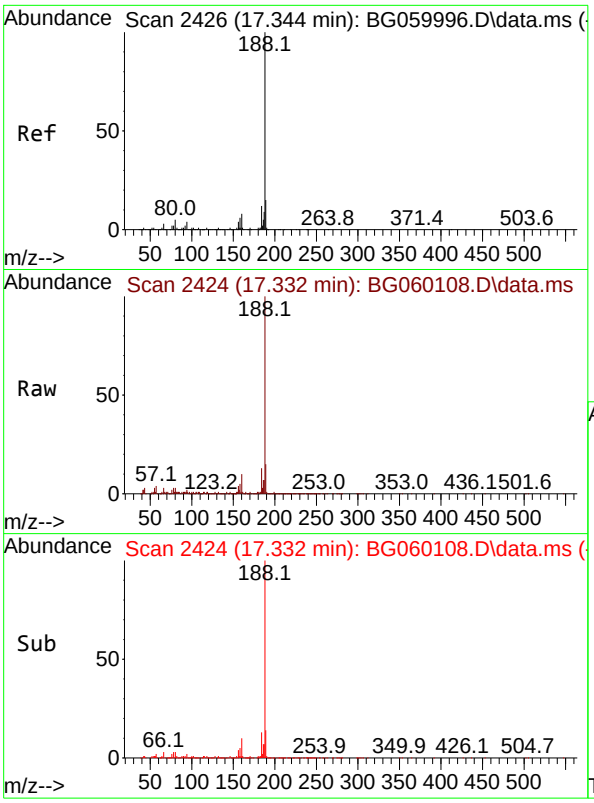


#45
2-Fluorobiphenyl
Concen: 6.770 ng
RT: 13.208 min Scan# 1722
Delta R.T. -0.010 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Tgt Ion:172 Resp: 86115

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.1	45.1
170	24.7	20.0	30.0



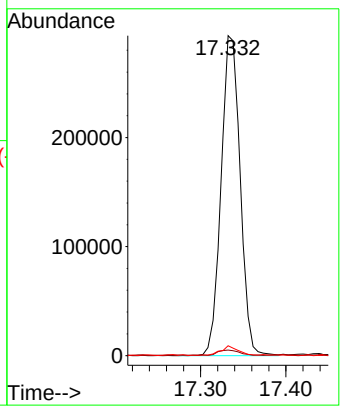


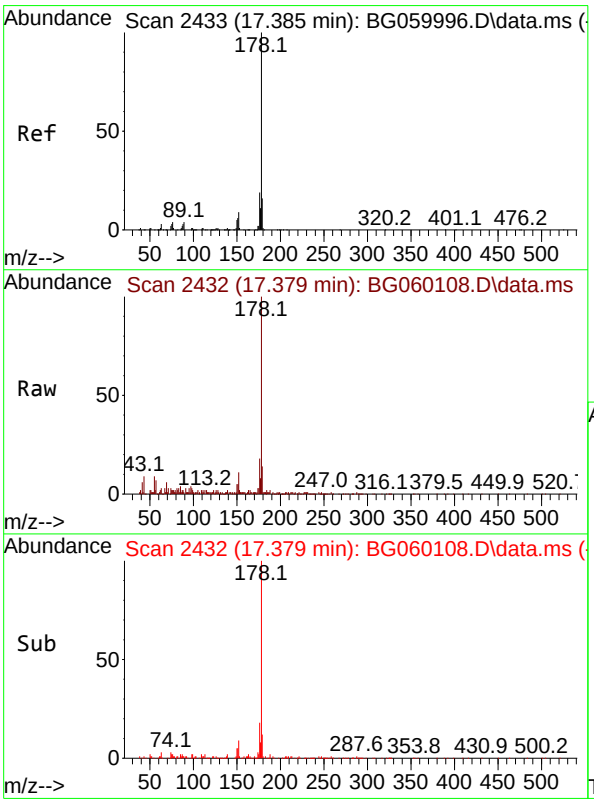
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.332 min Scan# 24
Delta R.T. -0.015 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Instrument :
BNA_G
ClientSampleId :
TR-04-121523

Tgt Ion:188 Resp: 455395

Ion	Ratio	Lower	Upper
188	100		
94	1.8	3.0	4.6#
80	3.1	4.0	6.0#

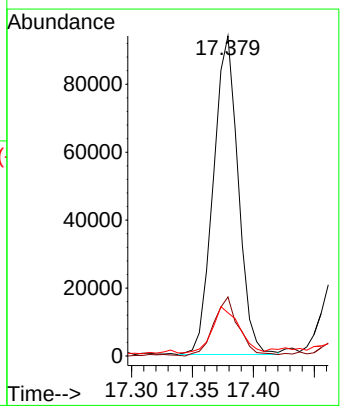


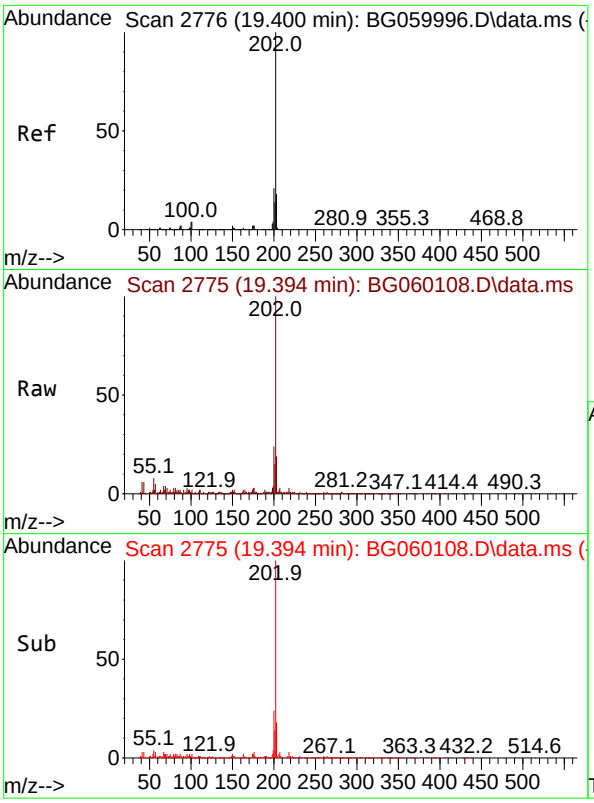


#71
Phenanthrene
Concen: 6.046 ng
RT: 17.379 min Scan# 2432
Delta R.T. -0.010 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Tgt Ion:178 Resp: 133372

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	13.5	12.6	19.0



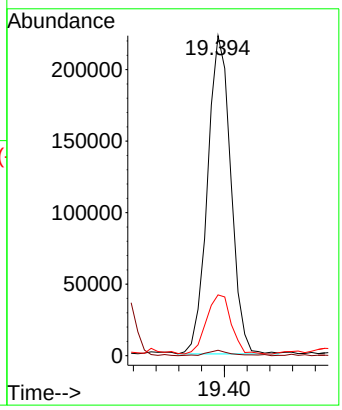


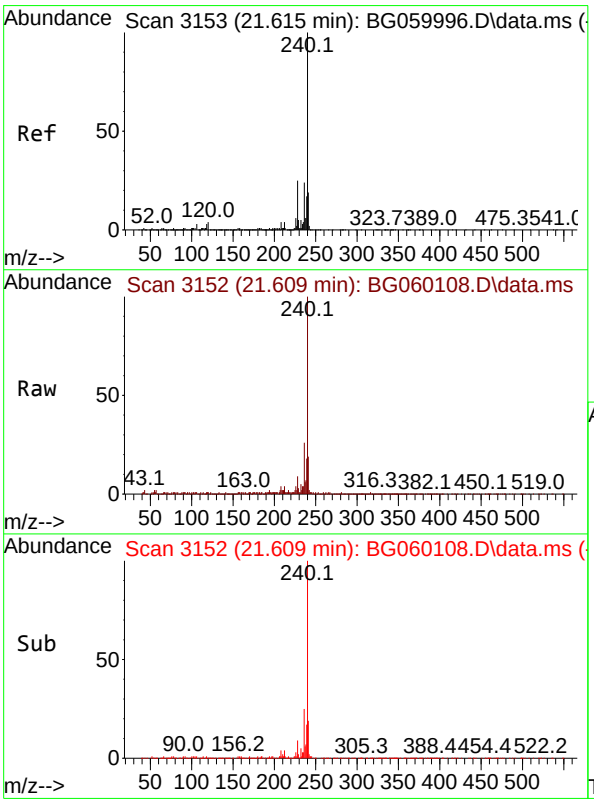
#75
Fluoranthene
Concen: 9.842 ng
RT: 19.394 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Instrument :
BNA_G
ClientSampleId :
TR-04-121523

Tgt Ion:202 Resp: 316801

Ion	Ratio	Lower	Upper
202	100		
101	1.7	0.0	24.2
203	19.0	0.0	37.6

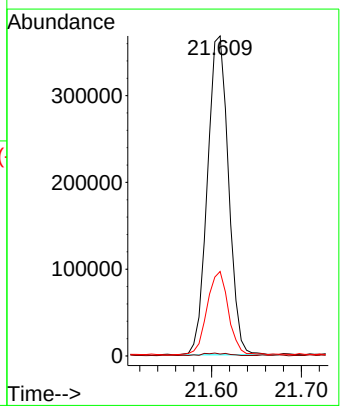


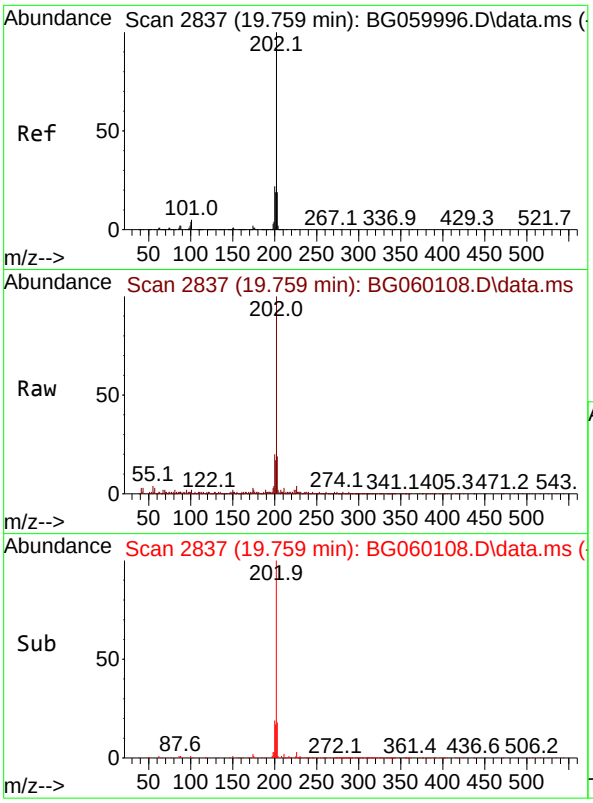


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.609 min Scan# 3152
Delta R.T. -0.010 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Tgt Ion:240 Resp: 598676

Ion	Ratio	Lower	Upper
240	100		
120	0.6	2.9	4.3#
236	26.4	19.4	29.2



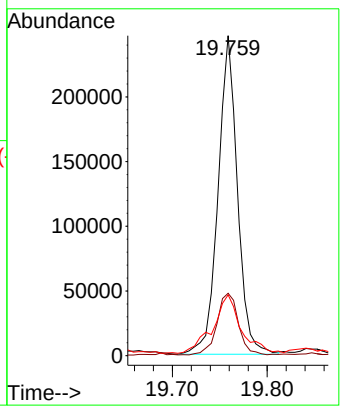


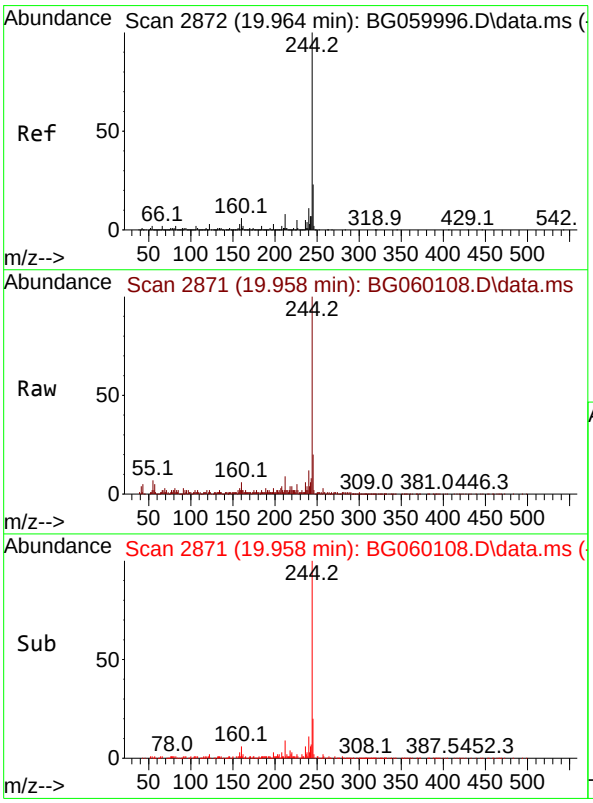
#78
Pyrene
Concen: 9.650 ng
RT: 19.759 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Instrument :
BNA_G
ClientSampleId :
TR-04-121523

Tgt Ion:202 Resp: 350203

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.6	26.4
203	19.0	14.9	22.3

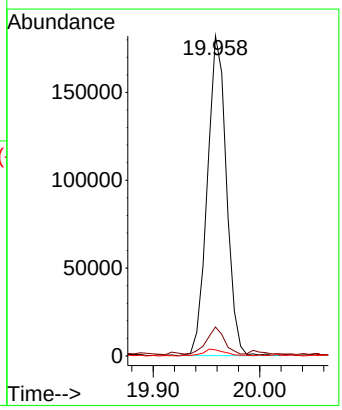


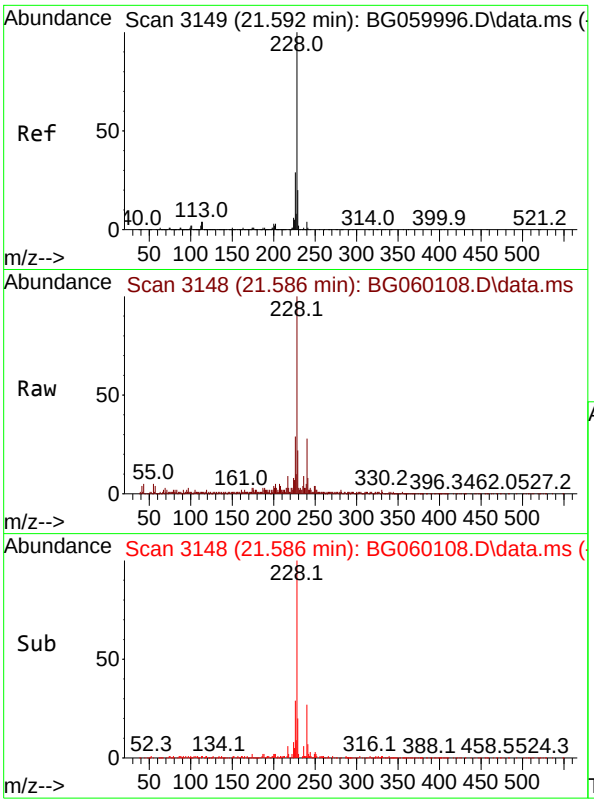


#79
Terphenyl-d14
Concen: 6.904 ng
RT: 19.958 min Scan# 2871
Delta R.T. -0.010 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Tgt Ion:244 Resp: 226376

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.8	10.2
122	1.9	2.6	3.8#



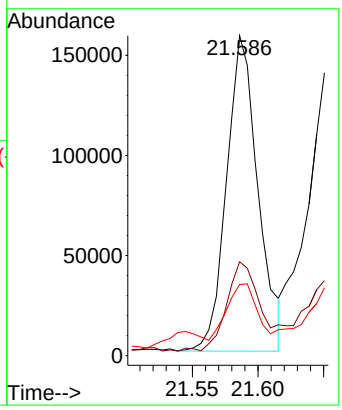


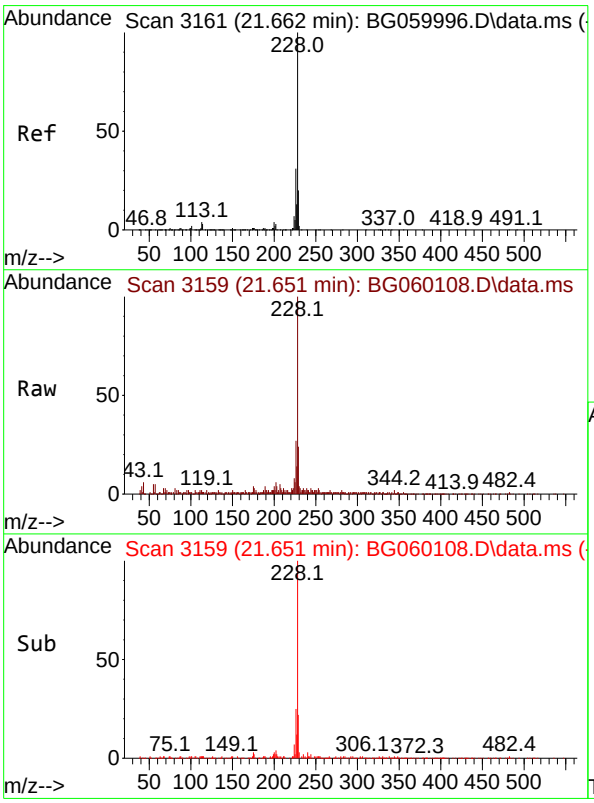
#81
Benzo(a)anthracene
Concen: 6.532 ng
RT: 21.586 min Scan# 3
Delta R.T. -0.015 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Instrument :
BNA_G
ClientSampleId :
TR-04-121523

Tgt Ion:228 Resp: 262676

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.9	34.3
229	22.3	16.2	24.2

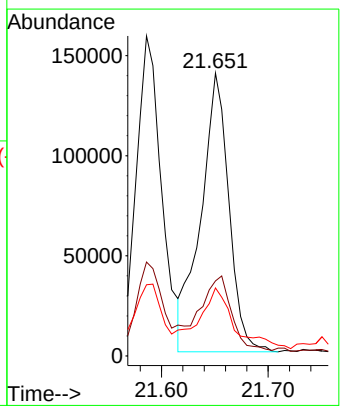


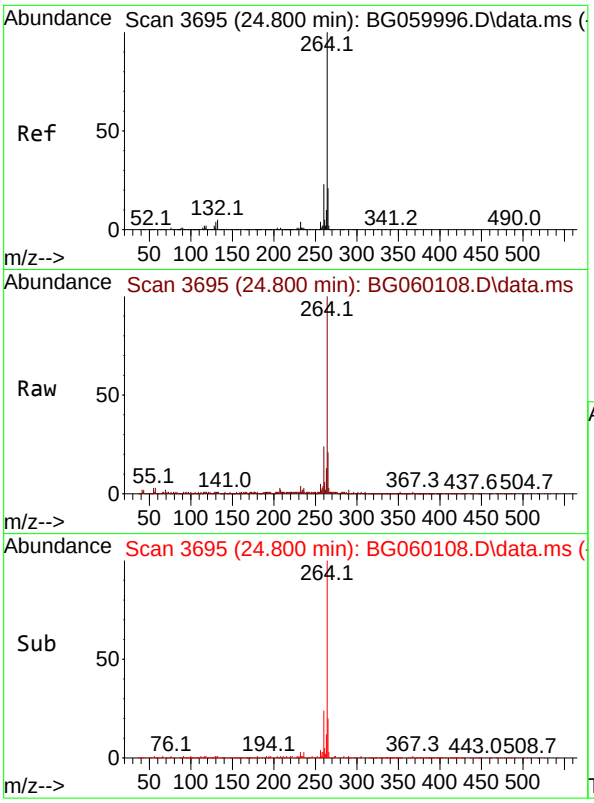


#83
Chrysene
Concen: 6.708 ng
RT: 21.651 min Scan# 3159
Delta R.T. -0.015 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Tgt Ion:228 Resp: 255570

Ion	Ratio	Lower	Upper
228	100		
226	26.5	25.0	37.6
229	24.0	16.2	24.2



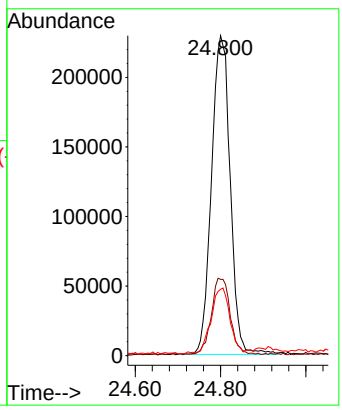


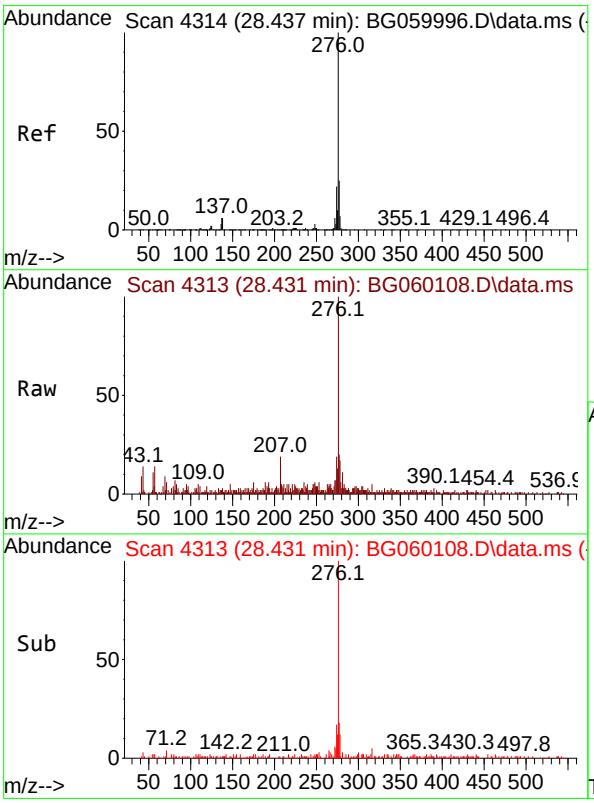
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.800 min Scan# 3
Delta R.T. -0.015 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Instrument :
BNA_G
ClientSampleId :
TR-04-121523

Tgt Ion:264 Resp: 698263

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	20.7	17.3	25.9

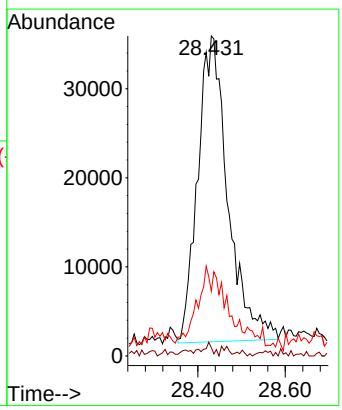


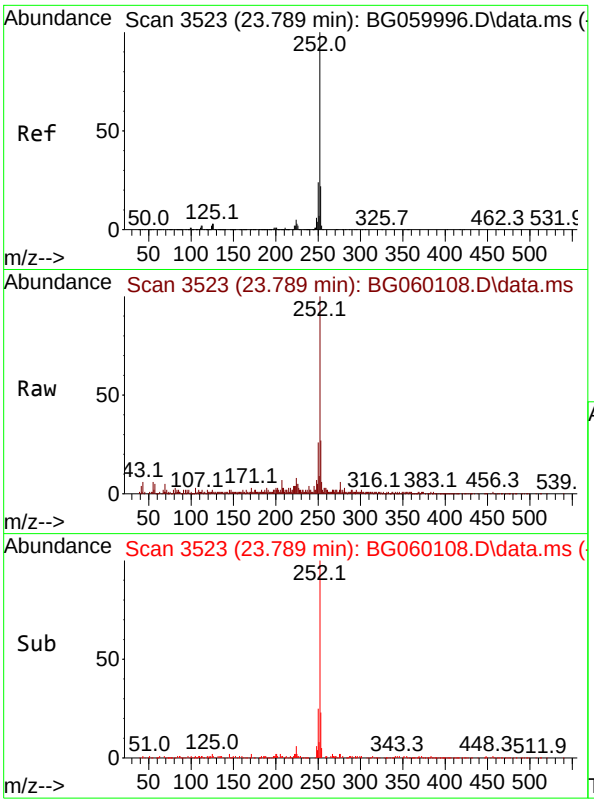


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.306 ng
RT: 28.431 min Scan# 4313
Delta R.T. -0.027 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Tgt Ion:276 Resp: 164770

Ion	Ratio	Lower	Upper
276	100		
138	0.9	4.7	7.1#
277	11.3	20.0	30.0#



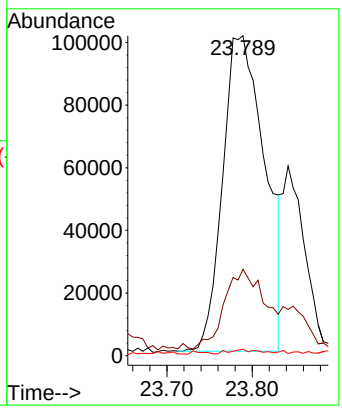


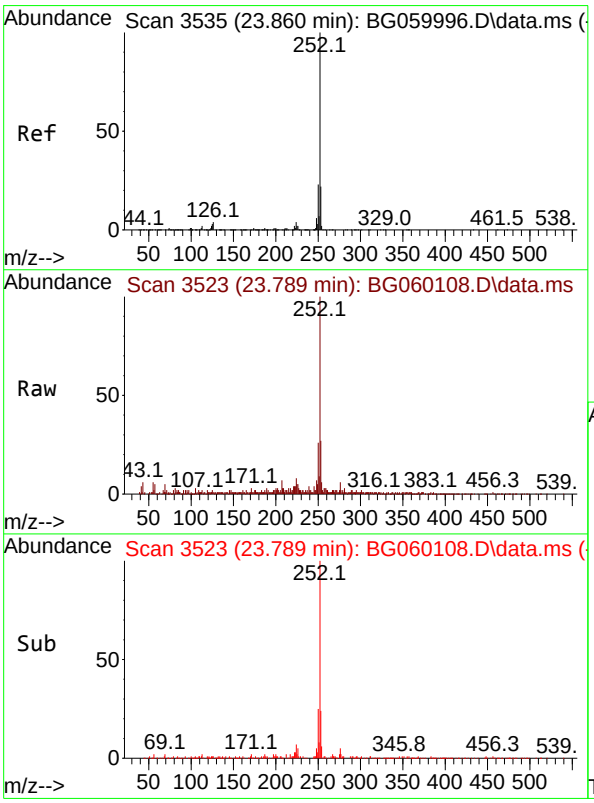
#88
Benzo(b)fluoranthene
Concen: 8.024 ng
RT: 23.789 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Instrument :
BNA_G
ClientSampleId :
TR-04-121523

Tgt Ion:252 Resp: 346035

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.4	26.2#
125	2.1	2.6	4.0#

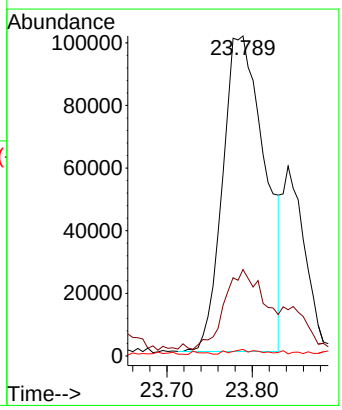


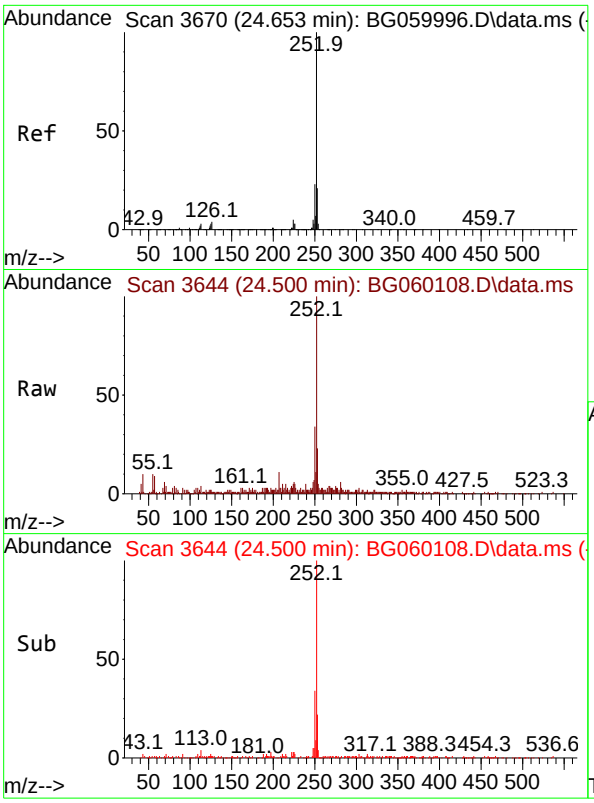


#89
Benzo(k)fluoranthene
Concen: 8.272 ng
RT: 23.789 min Scan# 3523
Delta R.T. -0.080 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Tgt Ion:252 Resp: 346035

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.8	26.6#
125	2.1	2.5	3.7#



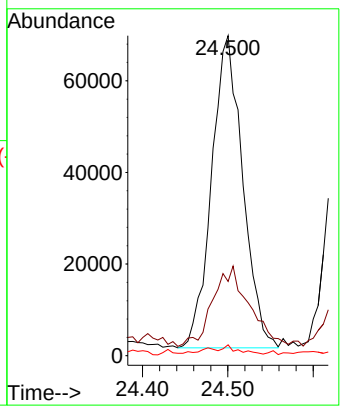


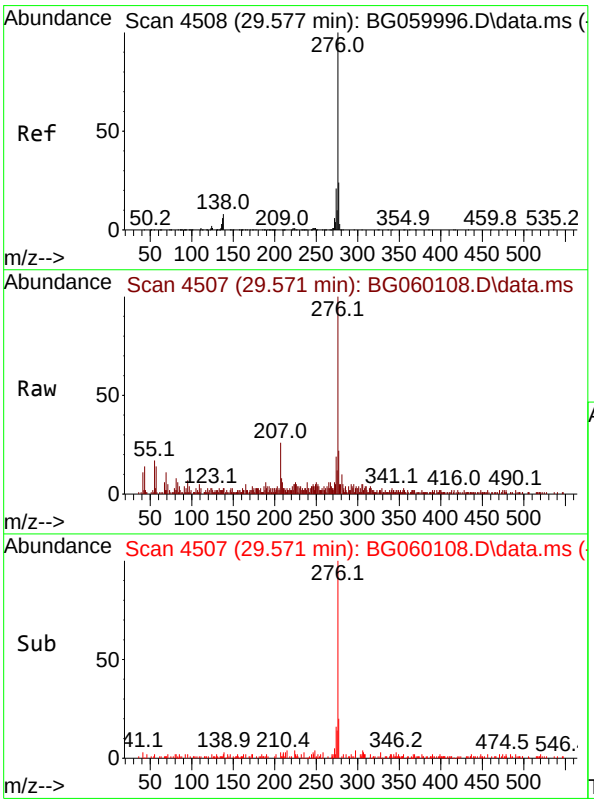
#90
Benzo(a)pyrene
Concen: 4.511 ng
RT: 24.500 min Scan# 3
Delta R.T. -0.162 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Instrument :
BNA_G
ClientSampleId :
TR-04-121523

Tgt Ion:252 Resp: 172370

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	3.4	2.6	4.0





#92
Benzo(g,h,i)perylene
Concen: 3.662 ng
RT: 29.571 min Scan# 4507
Delta R.T. -0.027 min
Lab File: BG060108.D
Acq: 20 Dec 2023 21:13

Tgt Ion:276 Resp: 151801

Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.4	29.2
138	2.6	6.0	9.0#