Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020923\
Data File : BG056601.D
Acq On : 9 Feb 2023 17:33
Operator : CG/JU
Sample : 01481-15DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JPP-48-020723DL

Quant Time: Feb 10 00:15:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 03:02:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	40294	20.000	ng	# 0.00
21) Naphthalene-d8	11.097	136	156884	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	113942	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	257933	20.000	ng	0.00
76) Chrysene-d12	21.920	240	237879	20.000	ng	0.00
86) Perylene-d12	25.345	264	266749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	21015	9.594	ng	0.00
7) Phenol-d6	7.425	99	29732	9.161	ng	0.00
23) Nitrobenzene-d5	9.446	82	15783	5.713	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	11828	7.808	ng	0.00
45) 2-Fluorobiphenyl	13.512	172	55606	6.766	ng	0.00
79) Terphenyl-d14	20.204	244	90475	6.680	ng	0.00
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	14.887	165	14908	7.416	ng	# 37
57) 2,4-Dinitrotoluene	14.887	165	14908	5.265	ng	# 36
71) Phenanthrene	17.672	178	215765	15.983	ng	98
72) Anthracene	17.760	178	50434	3.639	ng	99
75) Fluoranthene	19.663	202	408593	23.981	ng	100
78) Pyrene	20.028	202	394623	23.325	ng	99
81) Benzo(a)anthracene	21.896	228	219237	13.183	ng	98
83) Chrysene	21.967	228	199228	12.751	ng	98
87) Indeno(1,2,3-cd)pyrene	29.282	276	121047	6.199	ng	# 95
88) Benzo(b)fluoranthene	24.246	252	269854	16.299	ng	100
89) Benzo(k)fluoranthene	24.246	252	269854	16.143	ng	98
90) Benzo(a)pyrene	25.180	252	202763	12.432	ng	98
92) Benzo(g,h,i)perylene	30.521	276	117261	7.415	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020923\
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JPP-48-020723DL

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QLast Update : Wed Feb 08 03:02:11 2023
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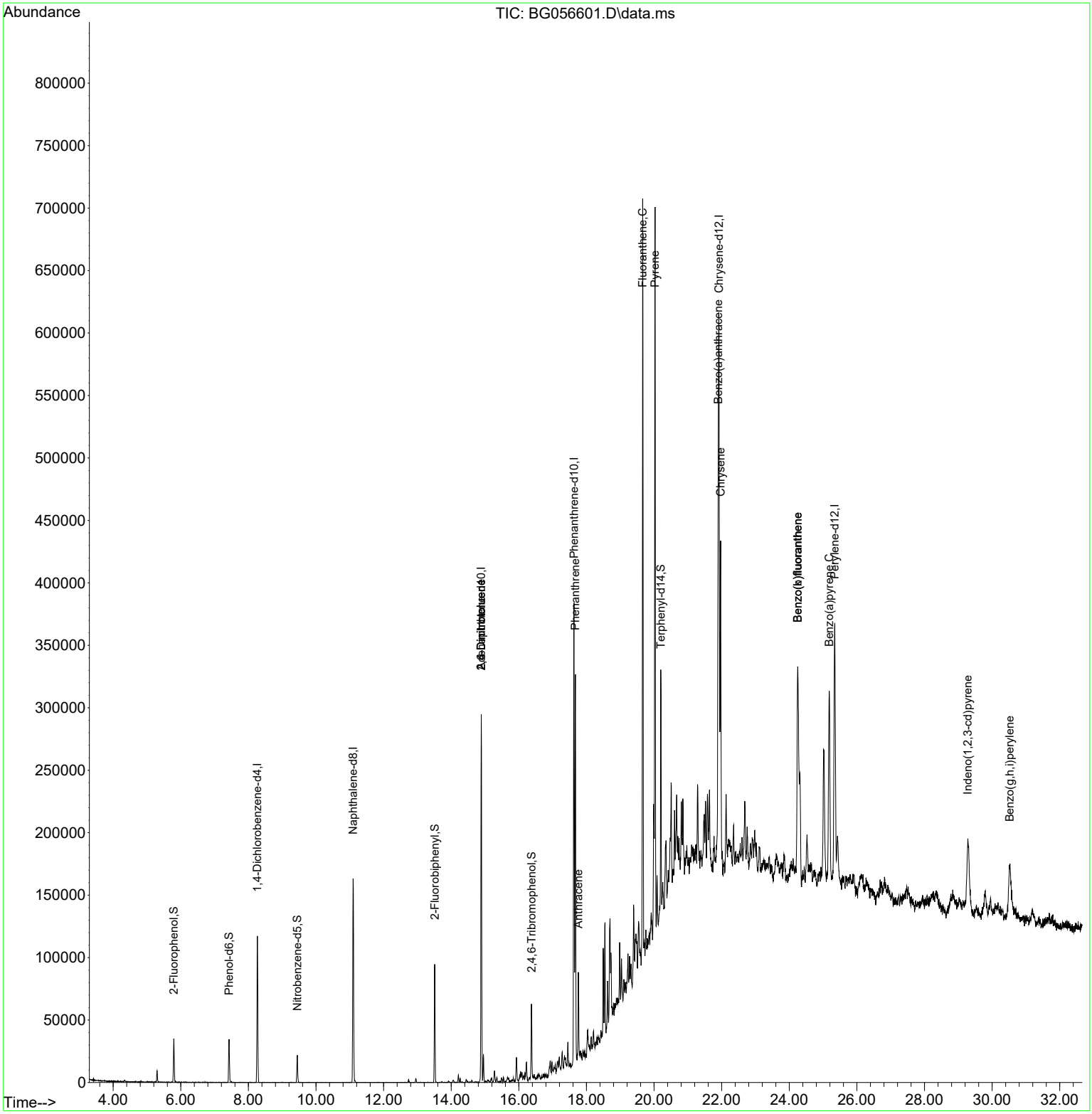
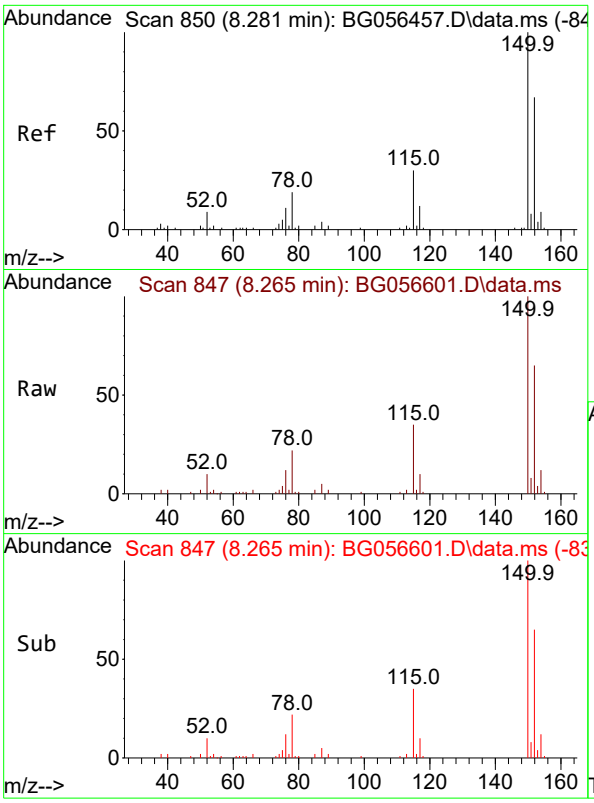


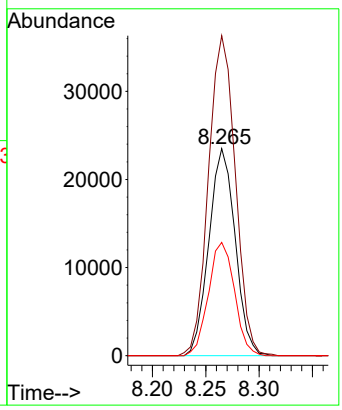


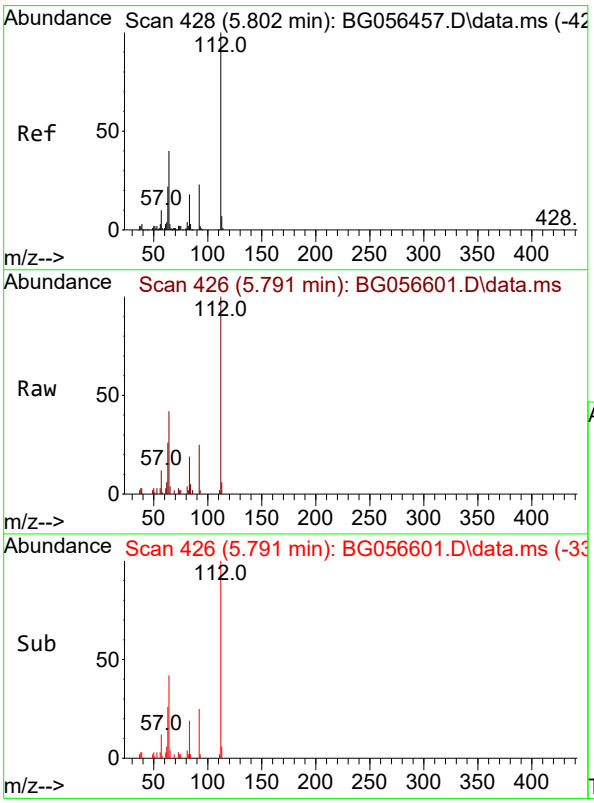
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Instrument :
BNA_G
ClientSampleId :
JPP-48-020723DL

Tgt Ion:152 Resp: 40294

Ion	Ratio	Lower	Upper
152	100		
150	154.6	120.2	180.4
115	54.8	36.3	54.5#

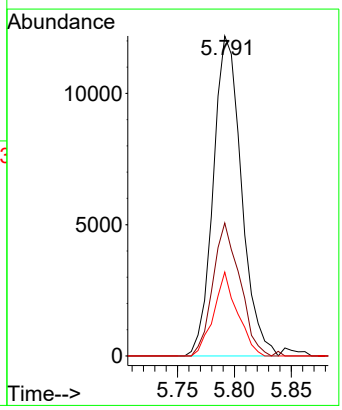


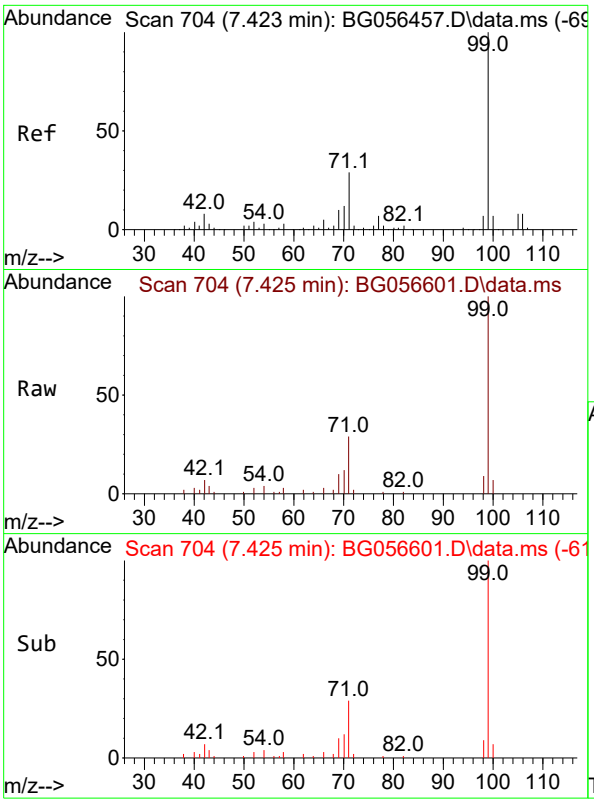


#5
2-Fluorophenol
Concen: 9.594 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.001 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Tgt Ion:112 Resp: 21015

Ion	Ratio	Lower	Upper
112	100		
64	41.5	31.9	47.9
63	26.2	17.4	26.0#



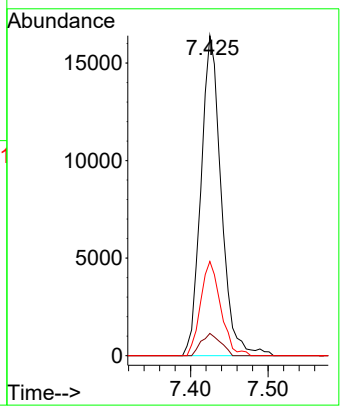


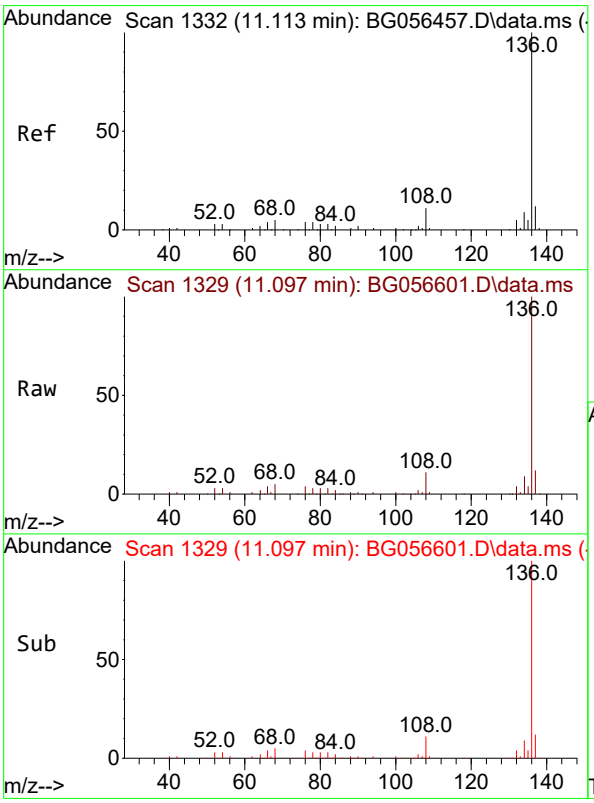
#7
Phenol-d6
Concen: 9.161 ng
RT: 7.425 min Scan# 7
Delta R.T. 0.007 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Instrument :
BNA_G
ClientSampleId :
JPP-48-020723DL

Tgt Ion: 99 Resp: 29732

Ion	Ratio	Lower	Upper
99	100		
42	7.0	6.6	10.0
71	29.5	23.4	35.0

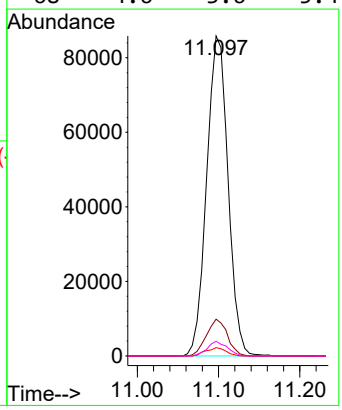


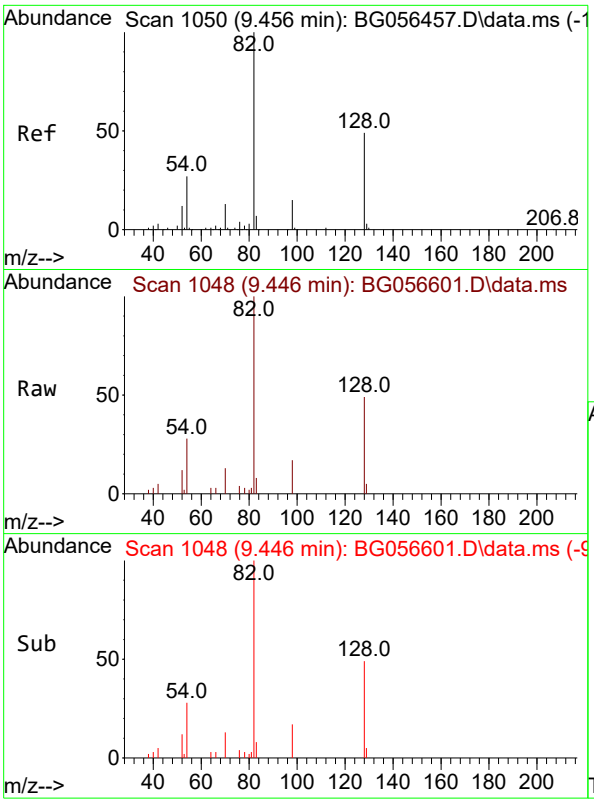


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 1329
Delta R.T. -0.004 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Tgt Ion:136 Resp: 156884

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	2.6	2.2	3.4
68	4.6	3.6	5.4



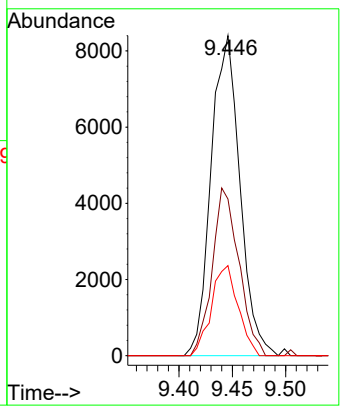


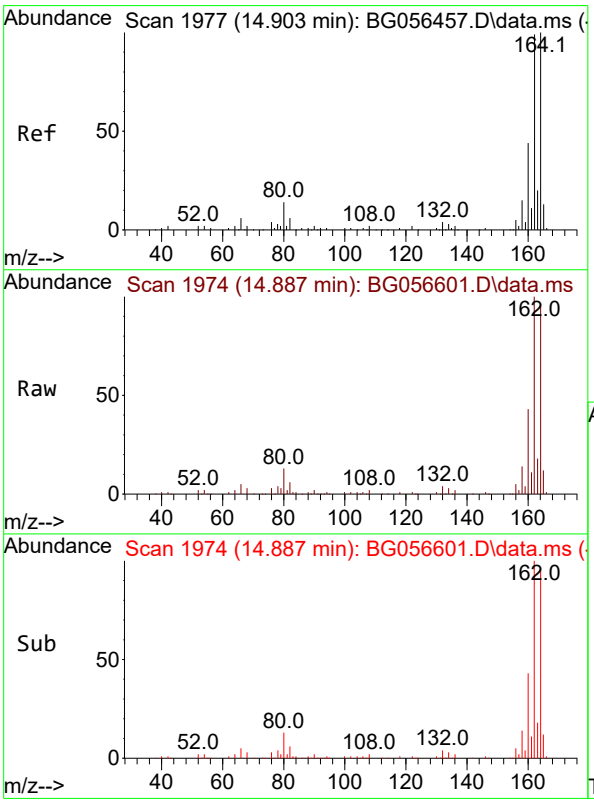
#23
Nitrobenzene-d5
Concen: 5.713 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Instrument :
BNA_G
ClientSampleId :
JPP-48-020723DL

Tgt Ion: 82 Resp: 15783

Ion	Ratio	Lower	Upper
82	100		
128	48.9	39.4	59.2
54	28.1	21.4	32.2

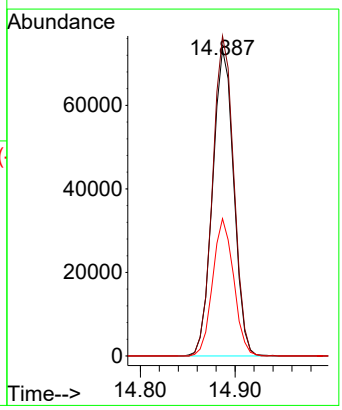


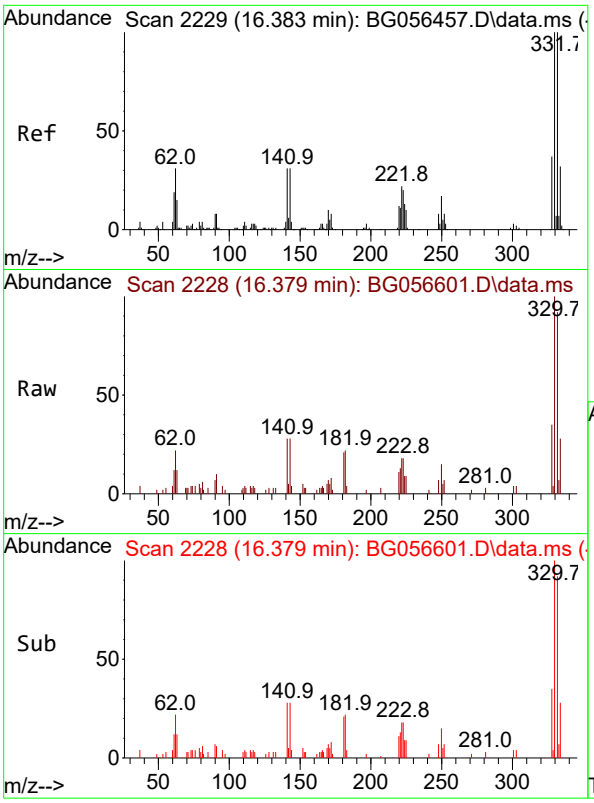


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Tgt Ion:164 Resp: 113942

Ion	Ratio	Lower	Upper
164	100		
162	104.3	79.6	119.4
160	44.7	34.9	52.3



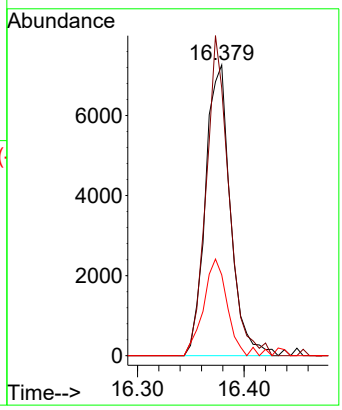


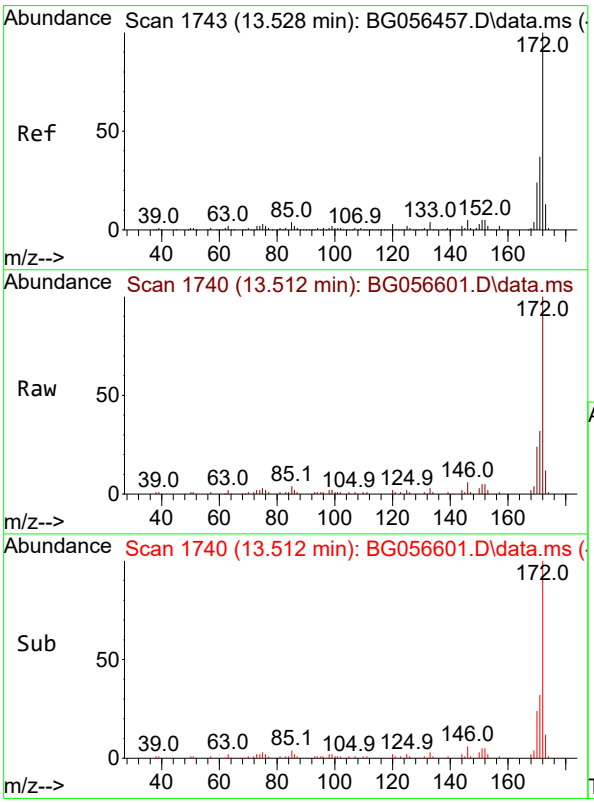
#42
2,4,6-Tribromophenol
Concen: 7.808 ng
RT: 16.379 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Instrument :
BNA_G
ClientSampleId :
JPP-48-020723DL

Tgt Ion:330 Resp: 11828

Ion	Ratio	Lower	Upper
330	100		
332	100.3	79.0	118.6
141	31.0	24.2	36.4

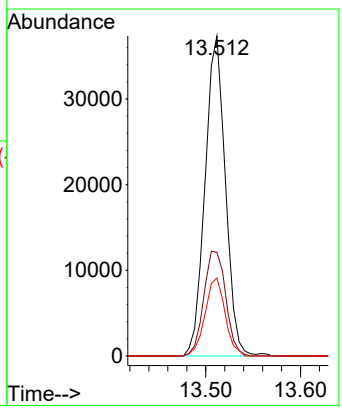


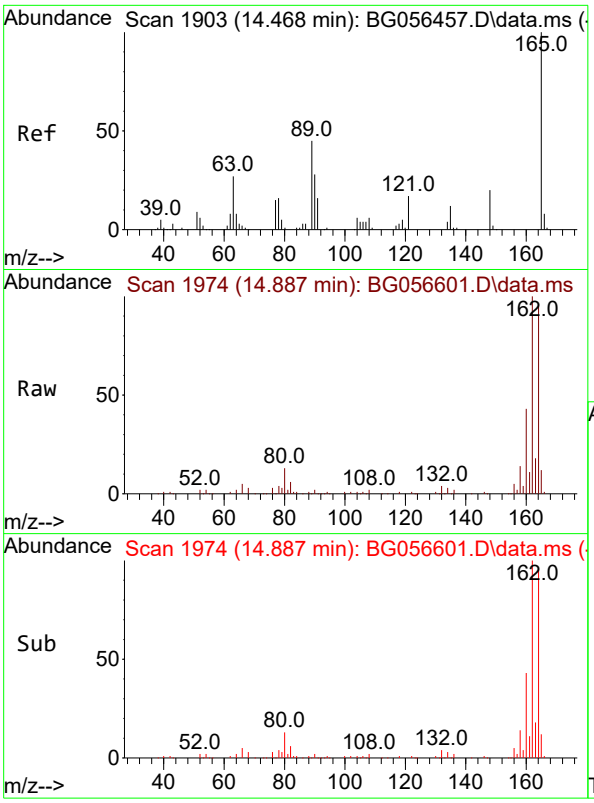


#45
2-Fluorobiphenyl
Concen: 6.766 ng
RT: 13.512 min Scan# 1740
Delta R.T. -0.004 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Tgt Ion:172 Resp: 55606

Ion	Ratio	Lower	Upper
172	100		
171	32.4	29.5	44.3
170	24.3	19.2	28.8



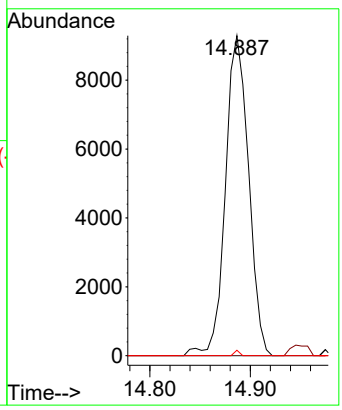


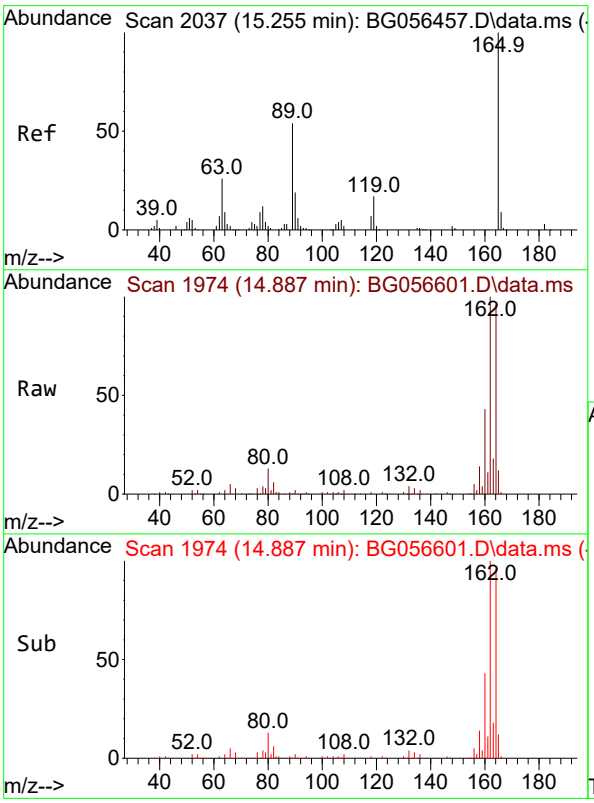
#51
2,6-Dinitrotoluene
Concen: 7.416 ng
RT: 14.887 min Scan# 1
Delta R.T. 0.424 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Instrument :
BNA_G
ClientSampleId :
JPP-48-020723DL

Tgt Ion:165 Resp: 14908

Ion	Ratio	Lower	Upper
165	100		
63	0.0	26.9	40.3#
89	1.7	35.6	53.4#

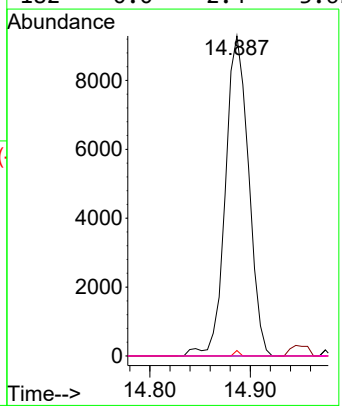


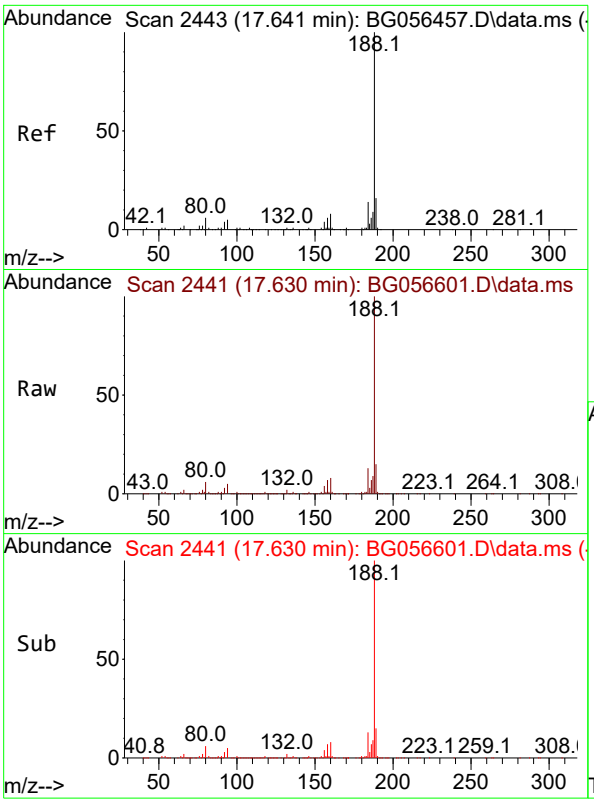


#57
2,4-Dinitrotoluene
Concen: 5.265 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.363 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Tgt Ion:165 Resp: 14908

Ion	Ratio	Lower	Upper
165	100		
63	0.0	20.6	31.0#
89	1.7	43.1	64.7#
182	0.0	2.4	3.6#



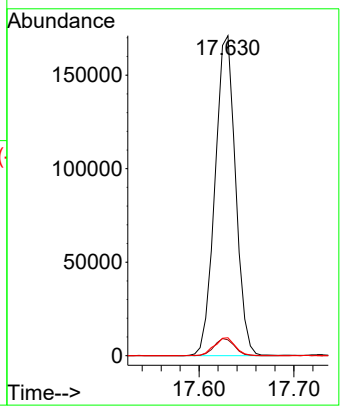


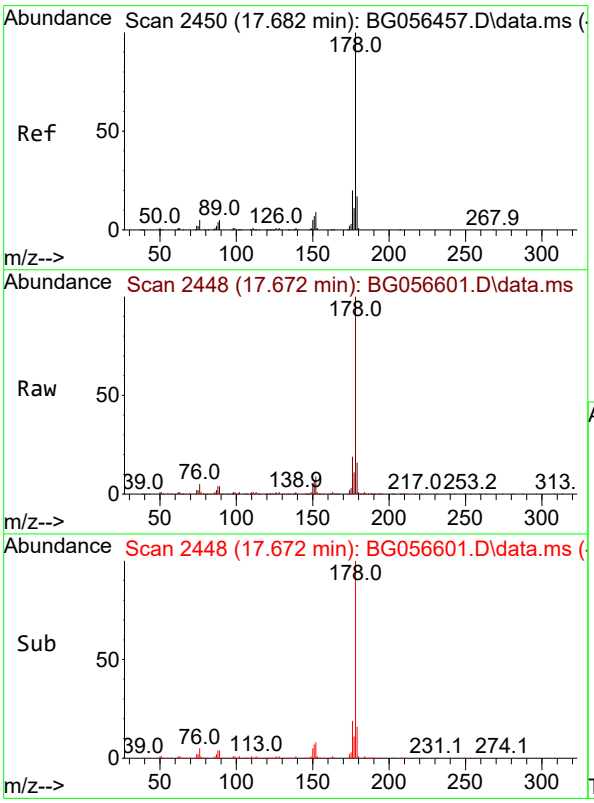
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Instrument :
BNA_G
ClientSampleId :
JPP-48-020723DL

Tgt Ion:188 Resp: 257933

Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.1	6.1
80	5.6	5.0	7.4

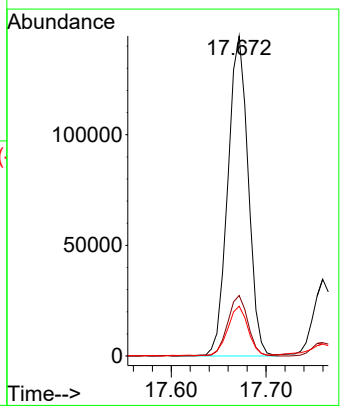


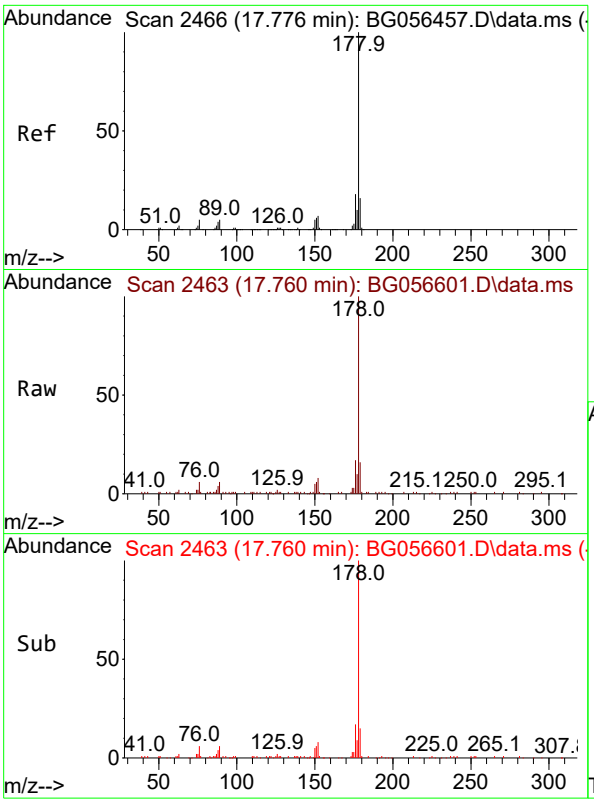


#71
Phenanthrene
Concen: 15.983 ng
RT: 17.672 min Scan# 2448
Delta R.T. 0.001 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Tgt Ion:178 Resp: 215765

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.5	13.3	19.9



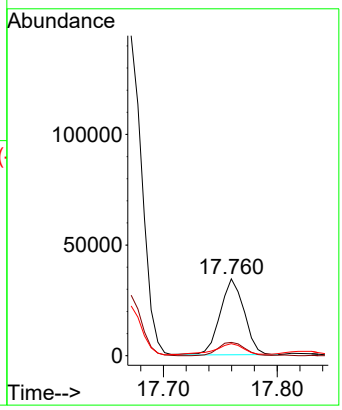


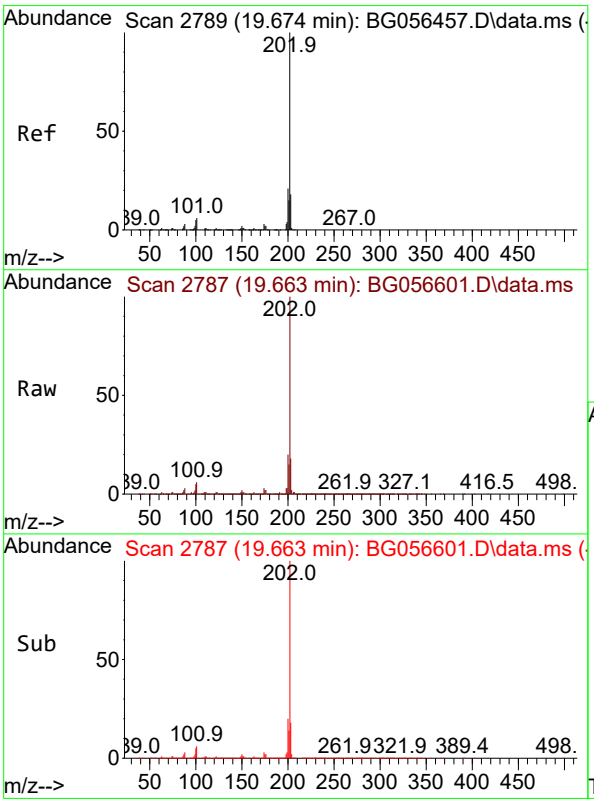
#72
Anthracene
Concen: 3.639 ng
RT: 17.760 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Instrument :
BNA_G
ClientSampleId :
JPP-48-020723DL

Tgt Ion:178 Resp: 50434

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.5	21.7
179	15.7	12.5	18.7

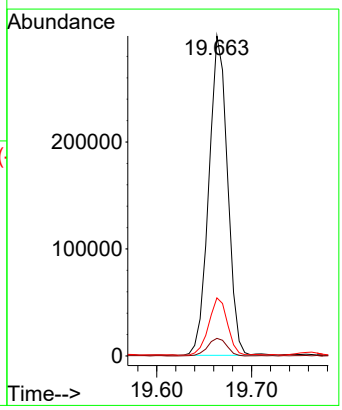


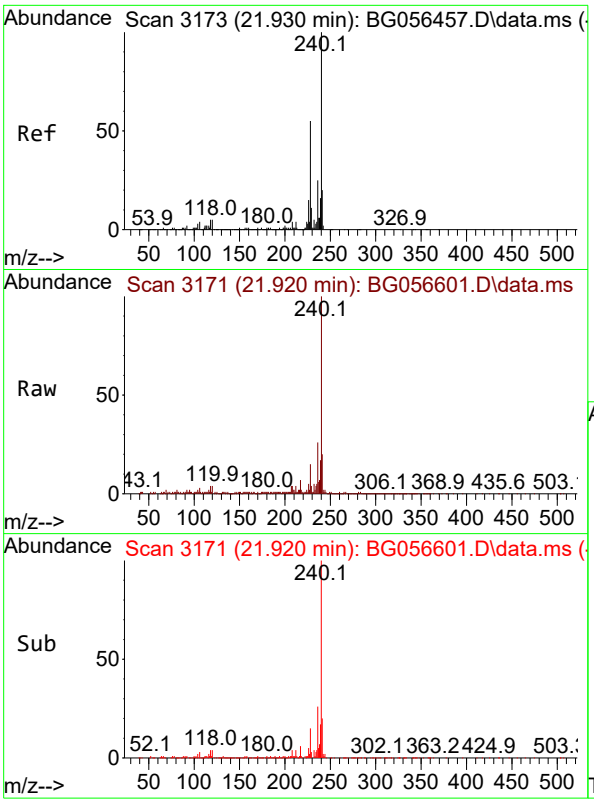


#75
Fluoranthene
Concen: 23.981 ng
RT: 19.663 min Scan# 2787
Delta R.T. -0.004 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Tgt Ion:202 Resp: 408593

Ion	Ratio	Lower	Upper
202	100		
101	5.5	0.0	25.6
203	18.1	0.0	38.1



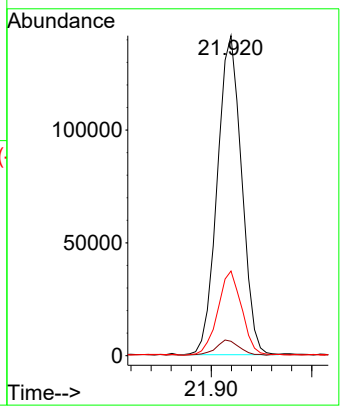


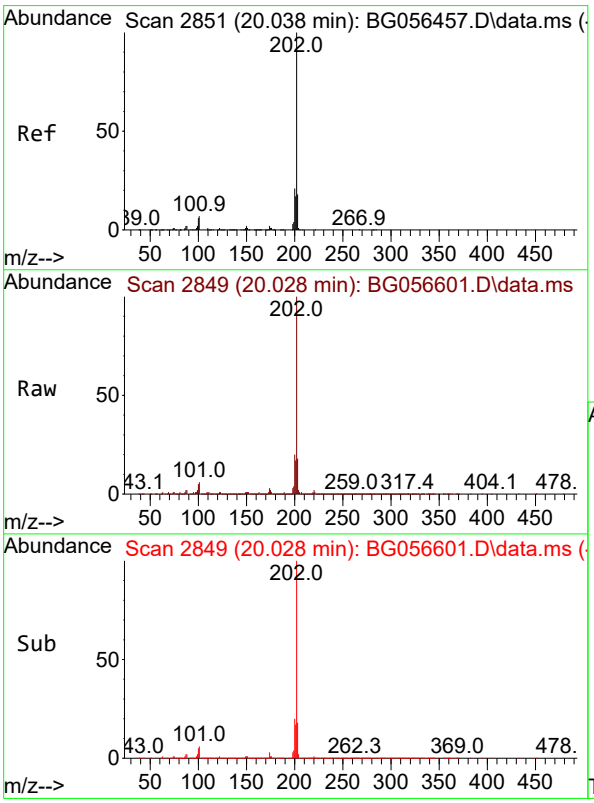
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Instrument :
BNA_G
ClientSampleId :
JPP-48-020723DL

Tgt Ion:240 Resp: 237879

Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.8	5.8
236	26.5	20.2	30.2

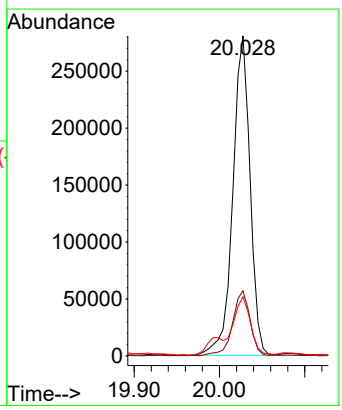


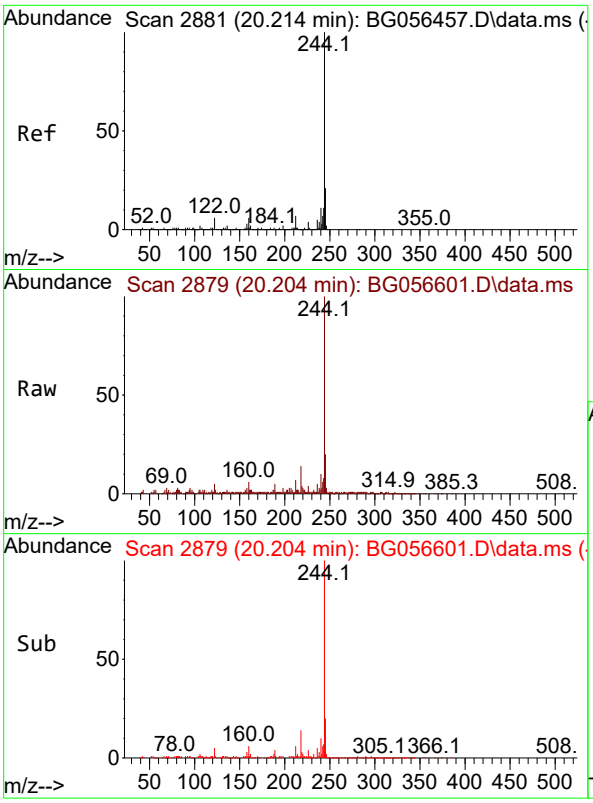


#78
Pyrene
Concen: 23.325 ng
RT: 20.028 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Tgt Ion:202 Resp: 394623

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.7	25.1
203	18.4	14.4	21.6



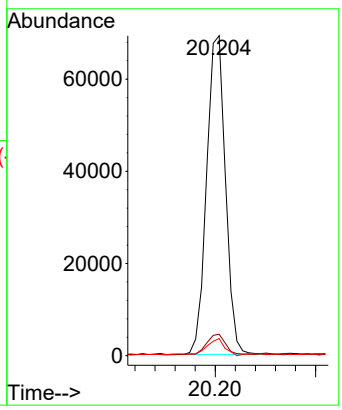


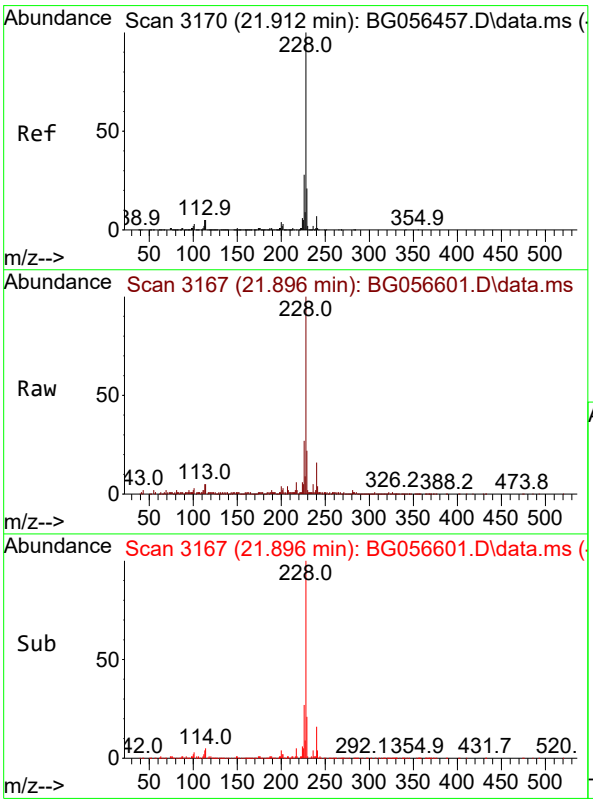
#79
Terphenyl-d14
Concen: 6.680 ng
RT: 20.204 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Instrument :
BNA_G
ClientSampleId :
JPP-48-020723DL

Tgt Ion:244 Resp: 90475

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	5.3	4.4	6.6

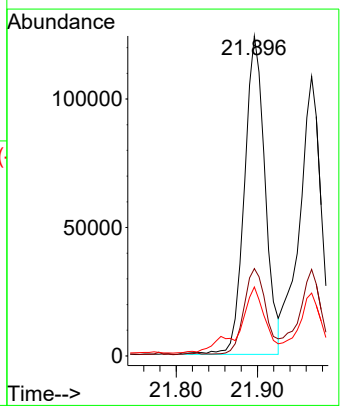


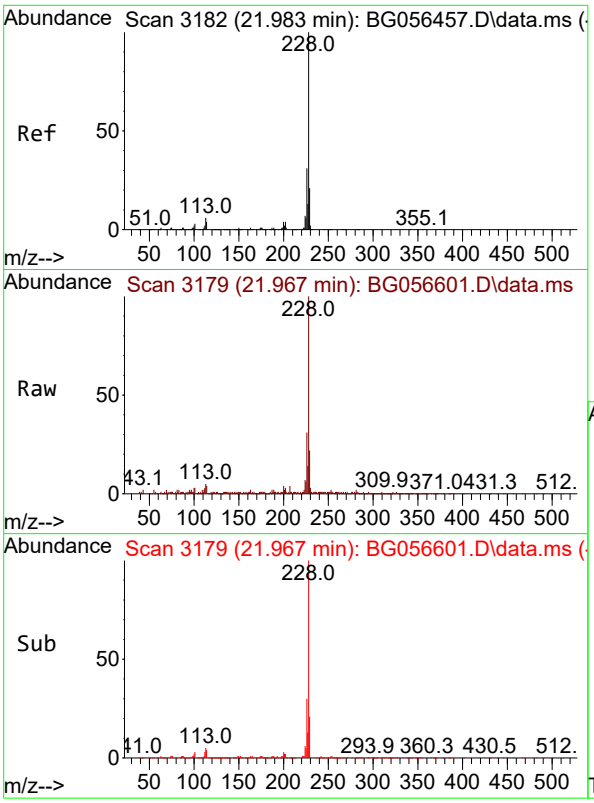


#81
Benzo(a)anthracene
Concen: 13.183 ng
RT: 21.896 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Tgt Ion:228 Resp: 219237

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.4	33.6
229	21.5	16.5	24.7



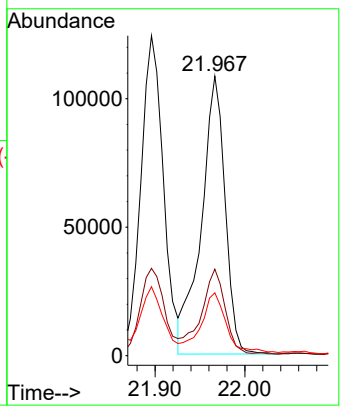


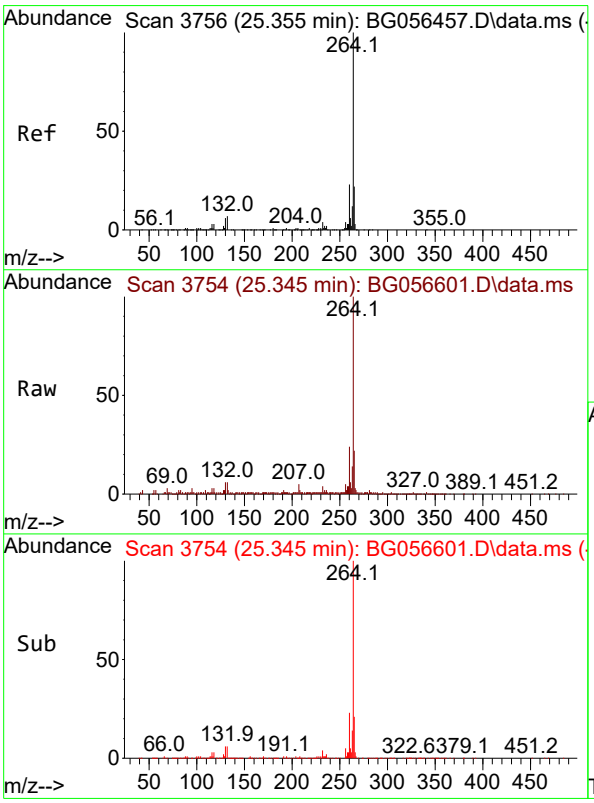
#83
Chrysene
Concen: 12.751 ng
RT: 21.967 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Instrument :
BNA_G
ClientSampleId :
JPP-48-020723DL

Tgt Ion:228 Resp: 199228

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.4
229	22.5	16.4	24.6

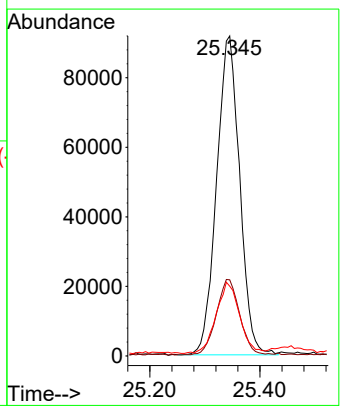


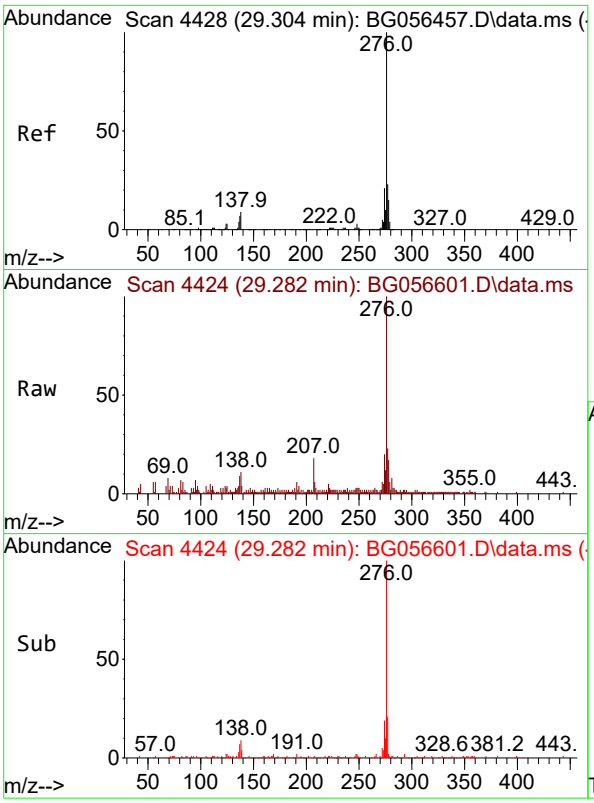


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.345 min Scan# 3754
Delta R.T. 0.007 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Tgt Ion:264 Resp: 266749

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	21.8	18.1	27.1



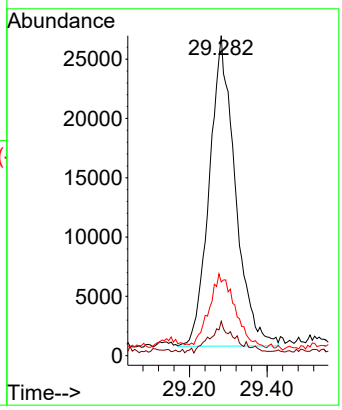


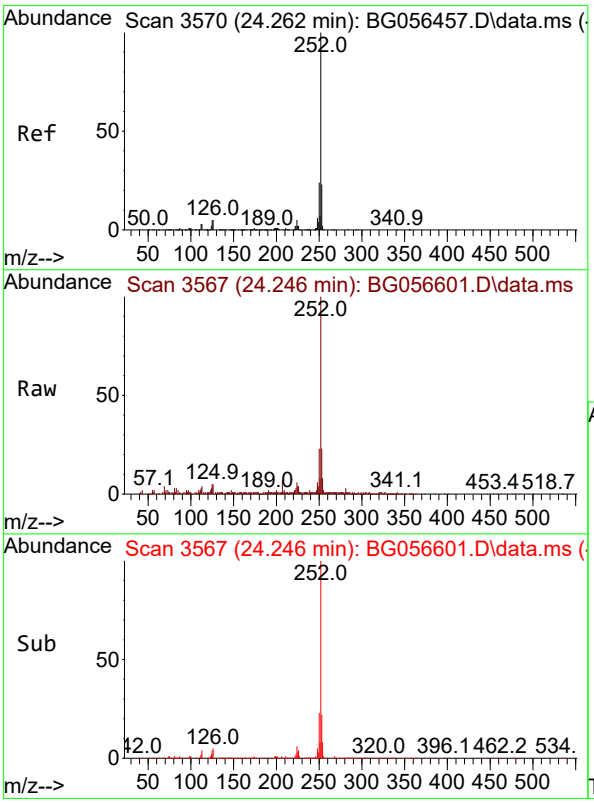
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.199 ng
RT: 29.282 min Scan# 4
Delta R.T. -0.004 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Instrument :
BNA_G
ClientSampleId :
JPP-48-020723DL

Tgt Ion:276 Resp: 121047

Ion	Ratio	Lower	Upper
276	100		
138	8.3	9.4	14.2#
277	23.9	20.3	30.5

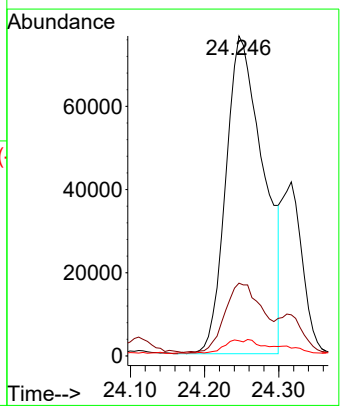


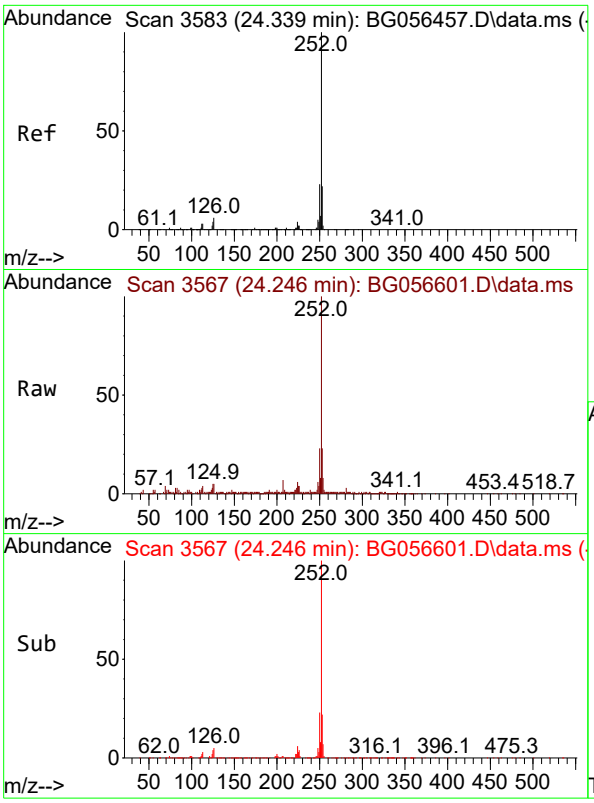


#88
Benzo(b)fluoranthene
Concen: 16.299 ng
RT: 24.246 min Scan# 3567
Delta R.T. -0.004 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Tgt Ion:252 Resp: 269854

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	4.7	3.9	5.9



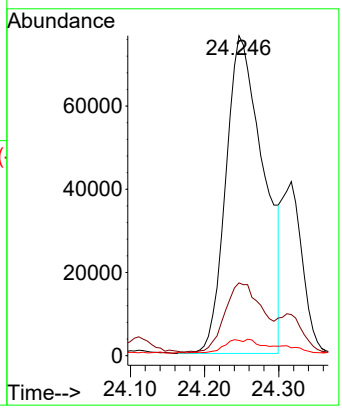


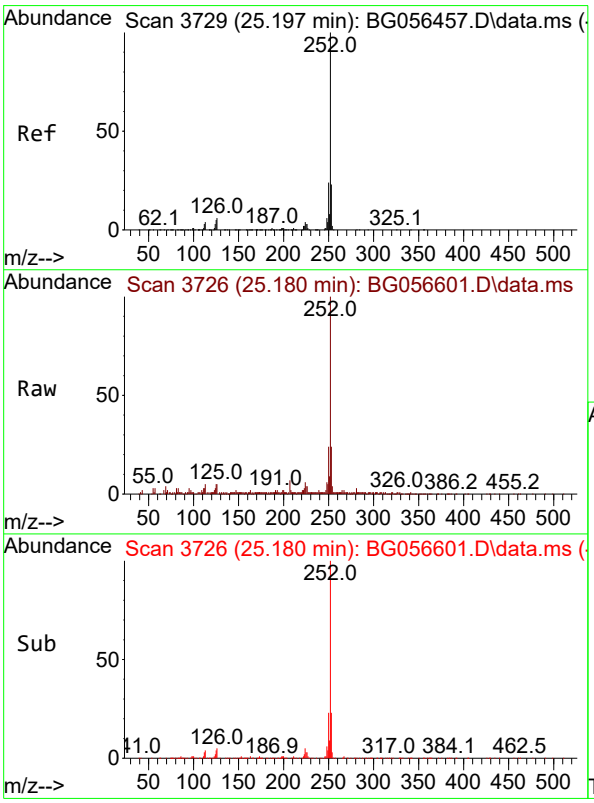
#89
Benzo(k)fluoranthene
Concen: 16.143 ng
RT: 24.246 min Scan# 3
Delta R.T. -0.075 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Instrument :
BNA_G
ClientSampleId :
JPP-48-020723DL

Tgt Ion:252 Resp: 269854

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	4.7	3.4	5.0

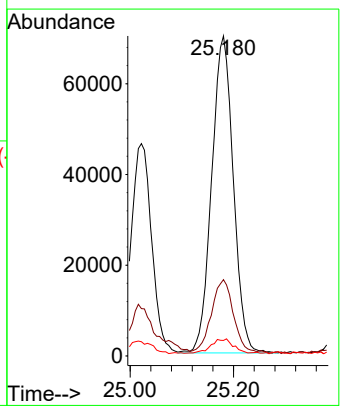


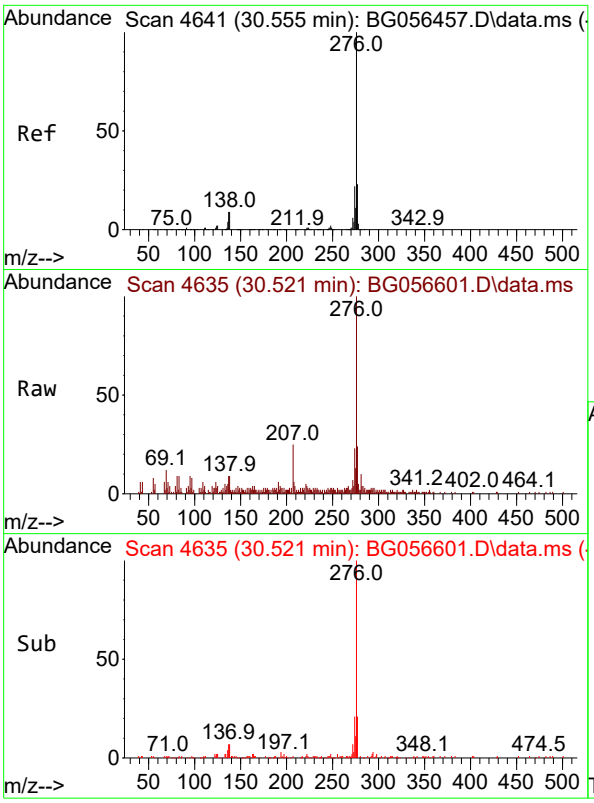


#90
Benzo(a)pyrene
Concen: 12.432 ng
RT: 25.180 min Scan# 3726
Delta R.T. 0.001 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Tgt Ion:252 Resp: 202763

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	4.8	4.1	6.1





#92
Benzo(g,h,i)perylene
Concen: 7.415 ng
RT: 30.521 min Scan# 4
Delta R.T. -0.004 min
Lab File: BG056601.D
Acq: 9 Feb 2023 17:33

Instrument :
BNA_G
ClientSampleId :
JPP-48-020723DL

Tgt Ion:276 Resp: 117261

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	8.7	7.4	11.0