Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056544.D
Acq On : 3 Feb 2023 18:33
Operator : CG/JU
Sample : 01418-07 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

Quant Time: Feb 04 05:13:37 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 01 01:15:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.277	152	48523	20.000	ng	0.00
21) Naphthalene-d8	11.109	136	178216	20.000	ng	# 0.00
39) Acenaphthene-d10	14.893	164	121752	20.000	ng	0.00
64) Phenanthrene-d10	17.631	188	275543	20.000	ng	0.00
76) Chrysene-d12	21.926	240	272346	20.000	ng	0.00
86) Perylene-d12	25.351	264	285959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	26827	10.171	ng	0.00
7) Phenol-d6	7.425	99	37689	9.643	ng	0.00
23) Nitrobenzene-d5	9.446	82	20831	6.637	ng	-0.01
42) 2,4,6-Tribromophenol	16.379	330	14831	9.163	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	63726	7.257	ng	0.00
79) Terphenyl-d14	20.204	244	102080	6.583	ng	0.00
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	14.893	165	16162	7.524	ng	# 36
52) Acenaphthene	14.957	154	14855	2.231	ng	97
56) 4-Nitrophenol	15.286	139	3837	2.696	ng	# 10
71) Phenanthrene	17.678	178	347224	24.077	ng	98
72) Anthracene	17.766	178	78595	5.309	ng	99
75) Fluoranthene	19.669	202	682606	37.503	ng	99
78) Pyrene	20.034	202	673069	34.748	ng	100
81) Benzo(a)anthracene	21.902	228	340774	17.898	ng	98
83) Chrysene	21.973	228	305190	17.061	ng	98
87) Indeno(1,2,3-cd)pyrene	29.288	276	187422	8.954	ng	# 74
88) Benzo(b)fluoranthene	24.258	252	422095	23.781	ng	99
89) Benzo(k)fluoranthene	24.258	252	422095	23.554	ng	98
90) Benzo(a)pyrene	25.187	252	337398	19.298	ng	98
91) Dibenzo(a,h)anthracene	29.323	278	52740	3.002	ng	# 89
92) Benzo(g,h,i)perylene	30.527	276	183361	10.815	ng	99

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

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Quant Time: Feb 04 05:13:37 2023
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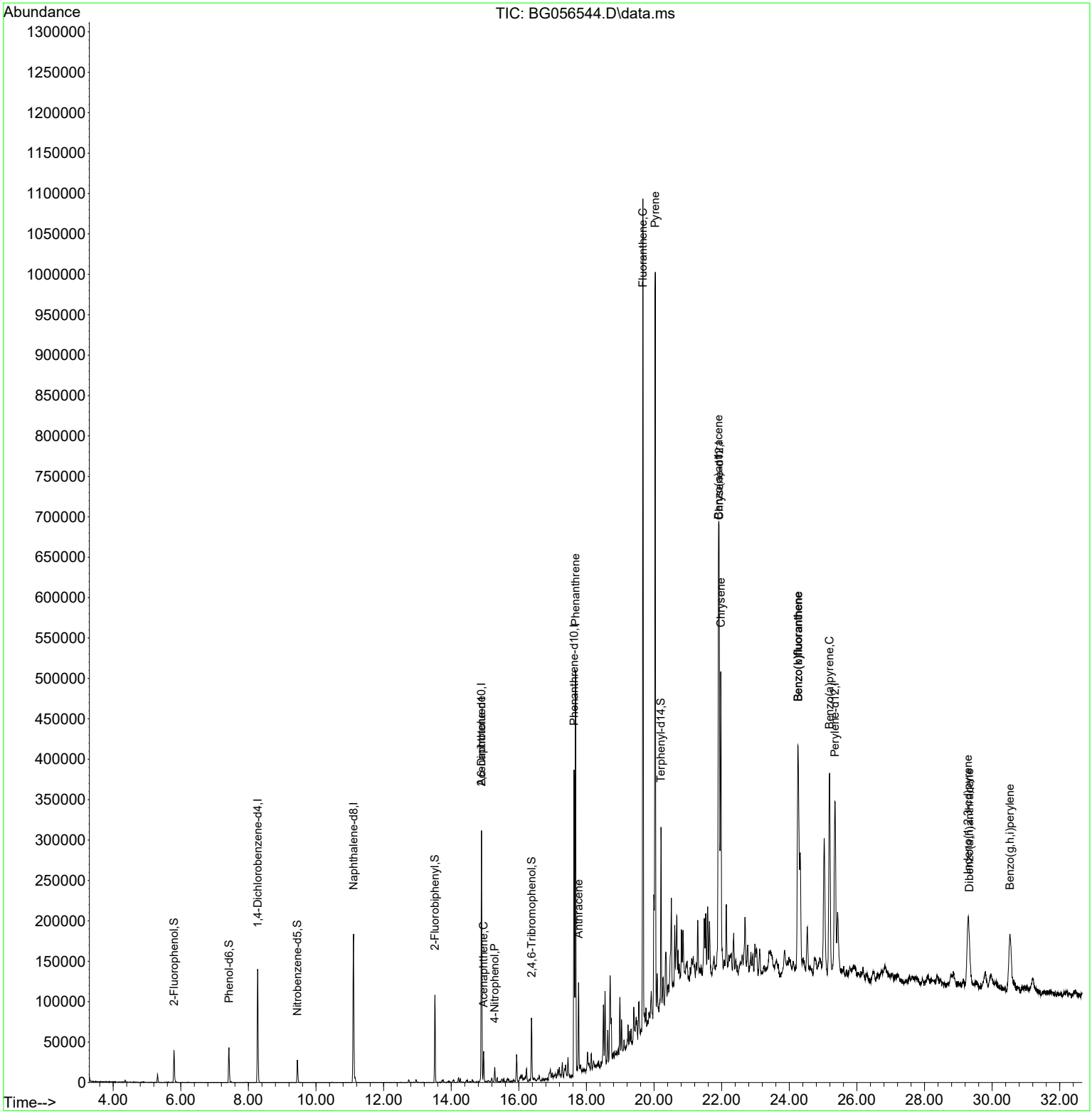
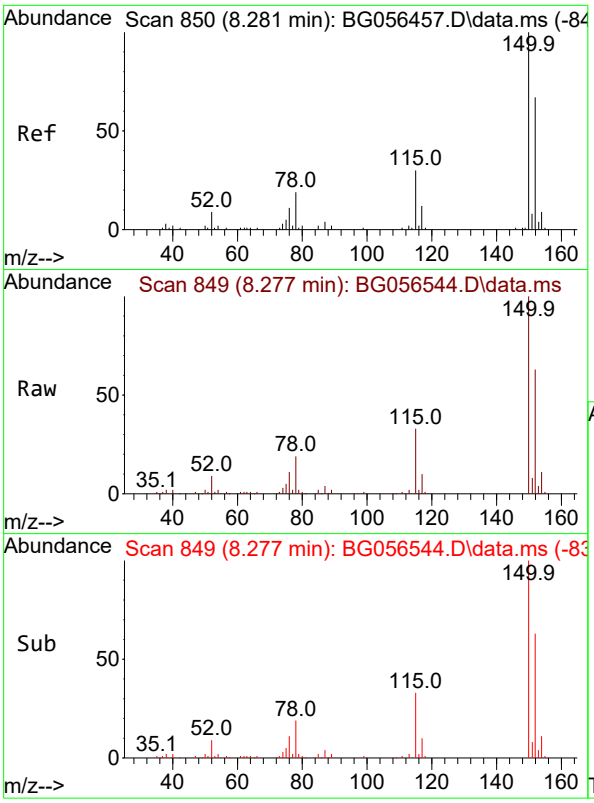
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration



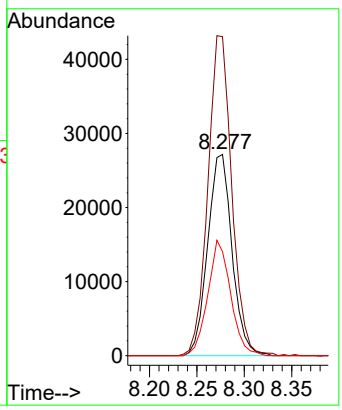


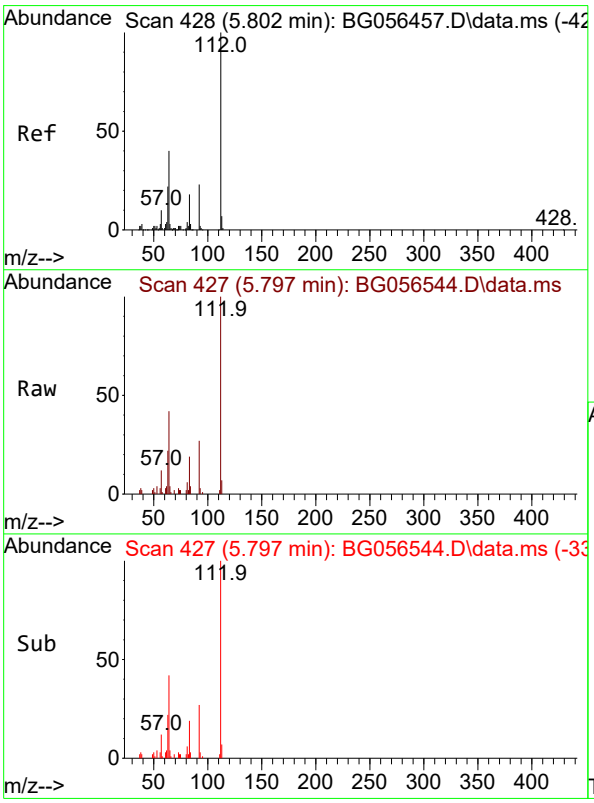
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.277 min Scan# 84
Delta R.T. 0.002 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

Tgt Ion:152 Resp: 48523

Ion	Ratio	Lower	Upper
152	100		
150	158.4	120.2	180.4
115	51.7	36.3	54.5

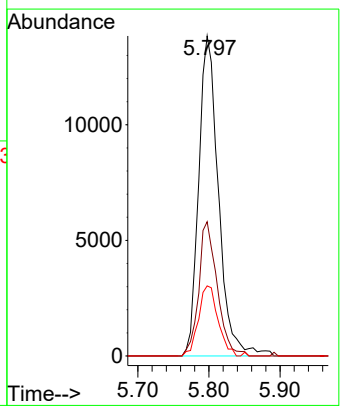


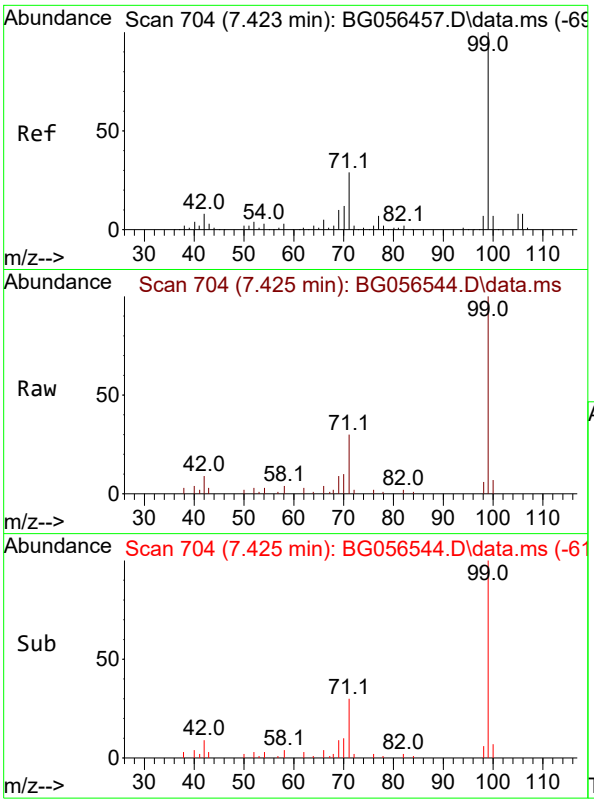


#5
2-Fluorophenol
Concen: 10.171 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.001 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Tgt Ion:112 Resp: 26827

Ion	Ratio	Lower	Upper
112	100		
64	42.0	31.9	47.9
63	21.9	17.4	26.0



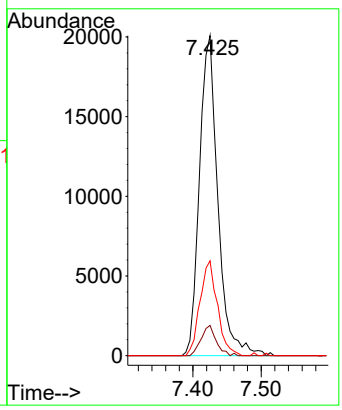


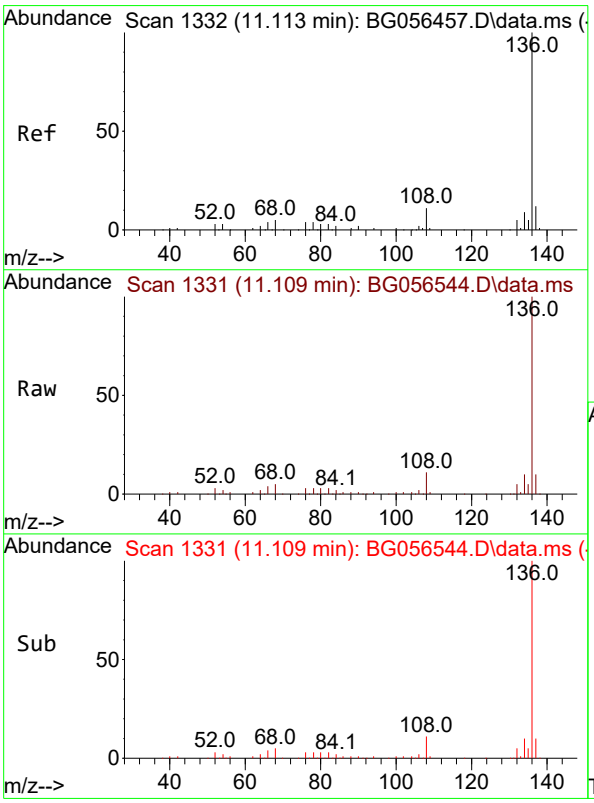
#7
Phenol-d6
Concen: 9.643 ng
RT: 7.425 min Scan# 7
Delta R.T. 0.007 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

Tgt Ion: 99 Resp: 37689

Ion	Ratio	Lower	Upper
99	100		
42	9.5	6.6	10.0
71	29.7	23.4	35.0

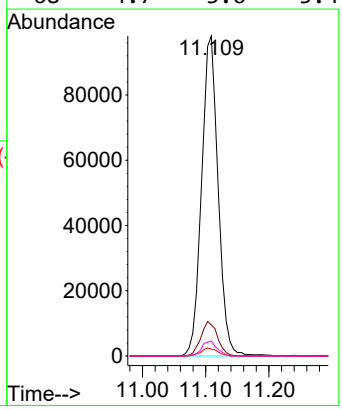


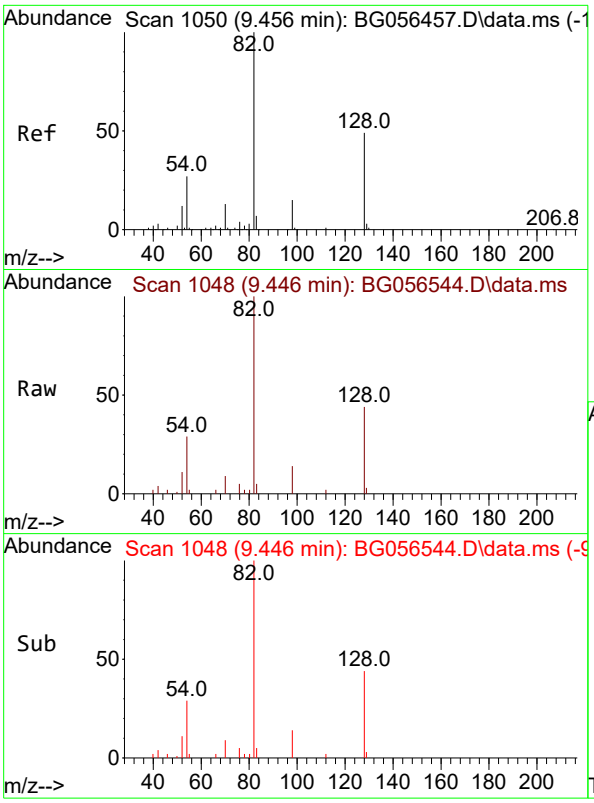


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.109 min Scan# 1331
Delta R.T. 0.001 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Tgt Ion:136 Resp: 178216

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.4	14.0
54	2.2	2.2	3.4#
68	4.7	3.6	5.4



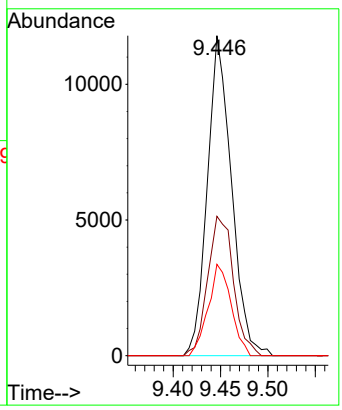


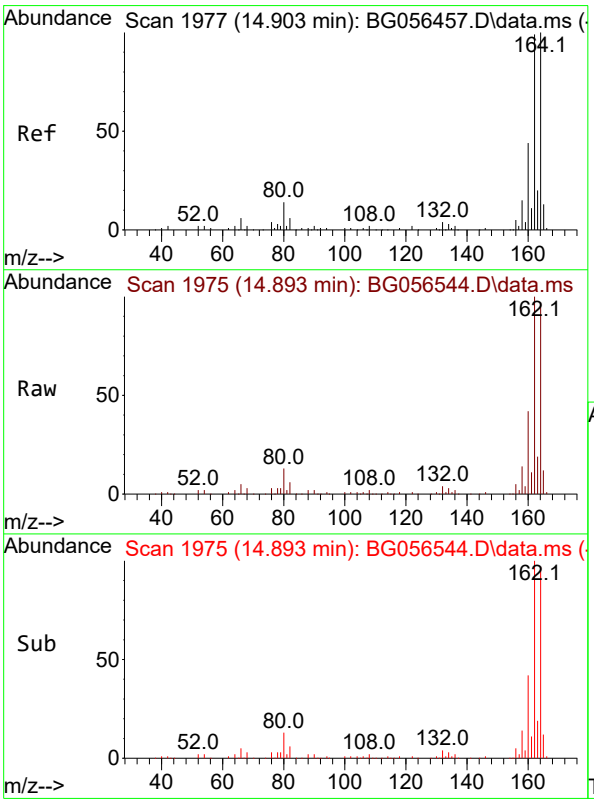
#23
Nitrobenzene-d5
Concen: 6.637 ng
RT: 9.446 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

Tgt Ion: 82 Resp: 20831

Ion	Ratio	Lower	Upper
82	100		
128	43.5	39.4	59.2
54	28.5	21.4	32.2

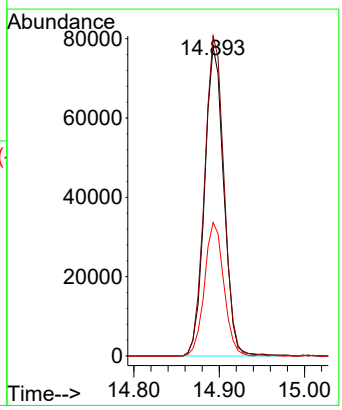


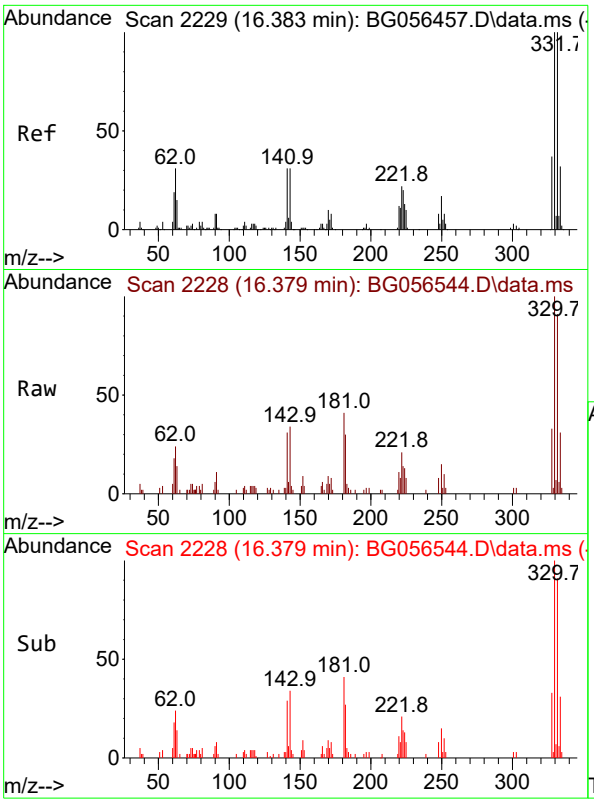


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.893 min Scan# 1975
Delta R.T. -0.004 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Tgt Ion:164 Resp: 121752

Ion	Ratio	Lower	Upper
164	100		
162	103.4	79.6	119.4
160	43.1	34.9	52.3



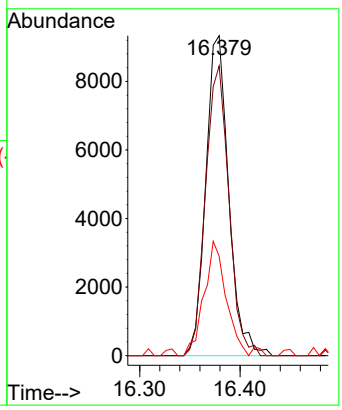


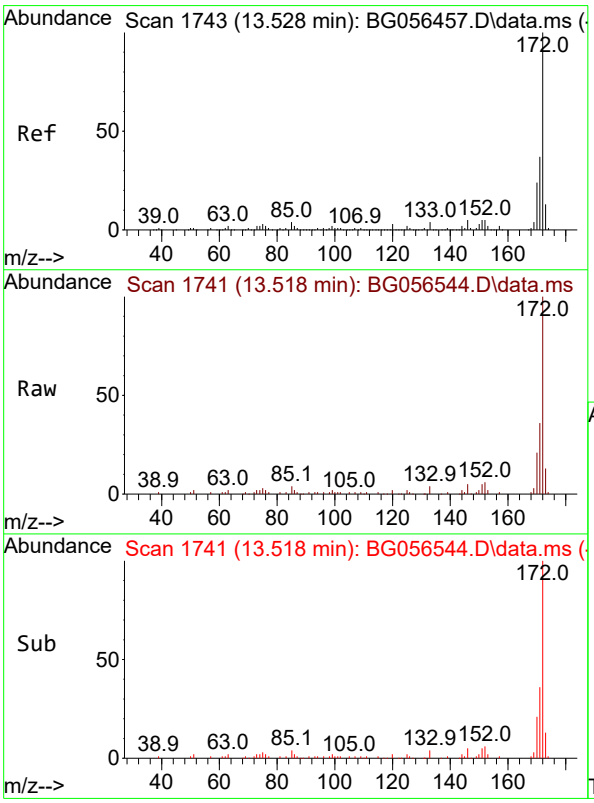
#42
2,4,6-Tribromophenol
Concen: 9.163 ng
RT: 16.379 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

Tgt Ion:330 Resp: 14831

Ion	Ratio	Lower	Upper
330	100		
332	91.8	79.0	118.6
141	34.3	24.2	36.4

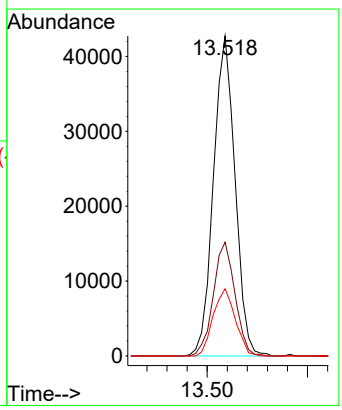


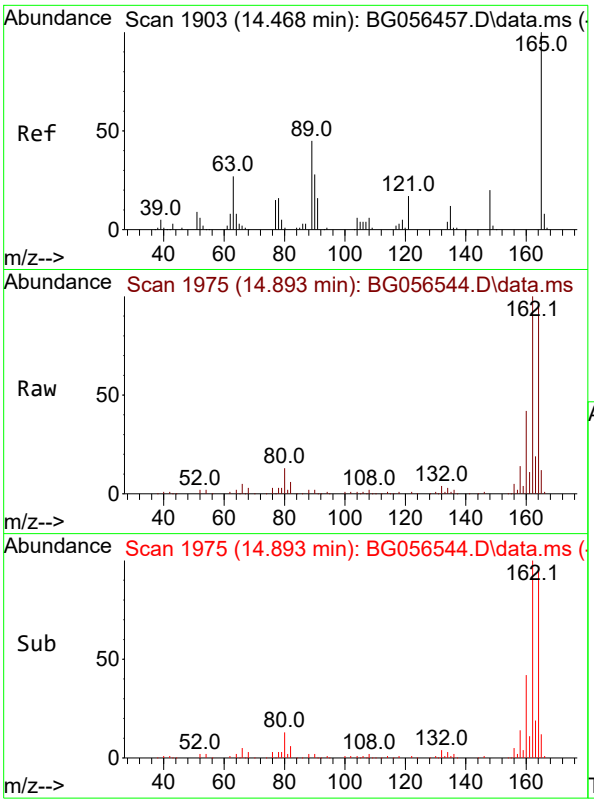


#45
2-Fluorobiphenyl
Concen: 7.257 ng
RT: 13.518 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Tgt Ion:172 Resp: 63726

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.5	44.3
170	21.0	19.2	28.8



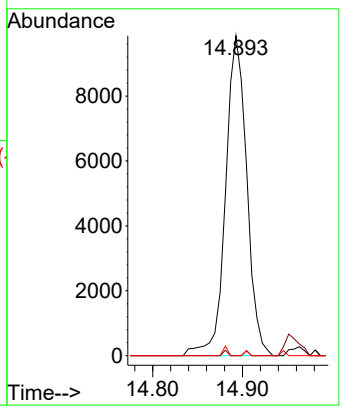


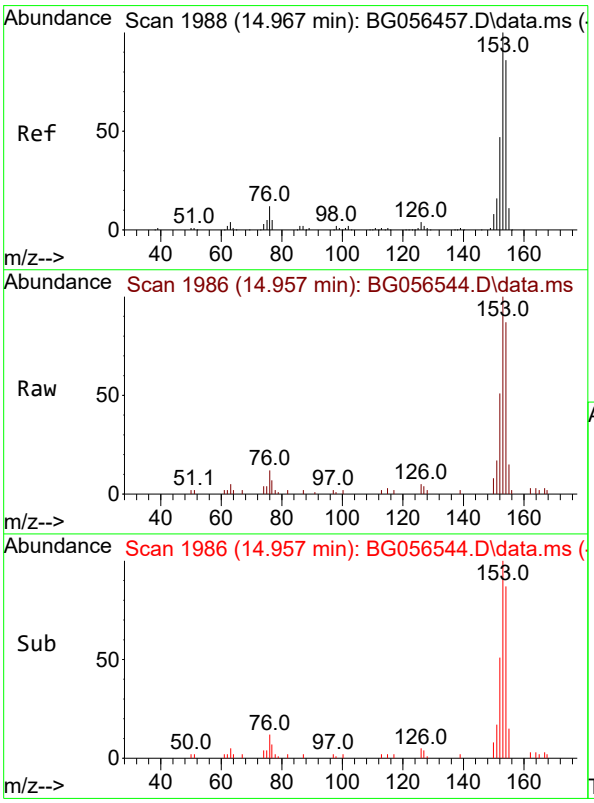
#51
2,6-Dinitrotoluene
Concen: 7.524 ng
RT: 14.893 min Scan# 1
Delta R.T. 0.425 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

Tgt Ion:165 Resp: 16162

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

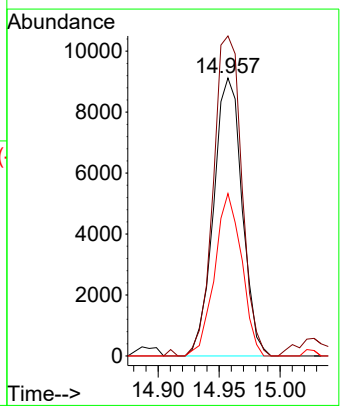


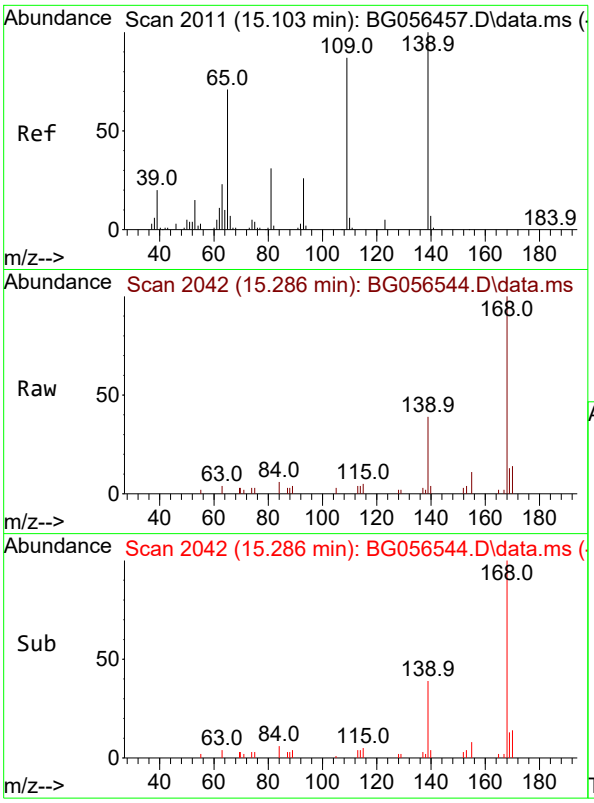


#52
Acenaphthene
Concen: 2.231 ng
RT: 14.957 min Scan# 1986
Delta R.T. -0.004 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Tgt Ion:154 Resp: 14855

Ion	Ratio	Lower	Upper
154	100		
153	115.2	93.4	140.0
152	58.5	43.4	65.2



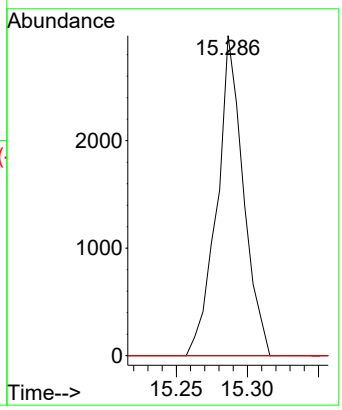


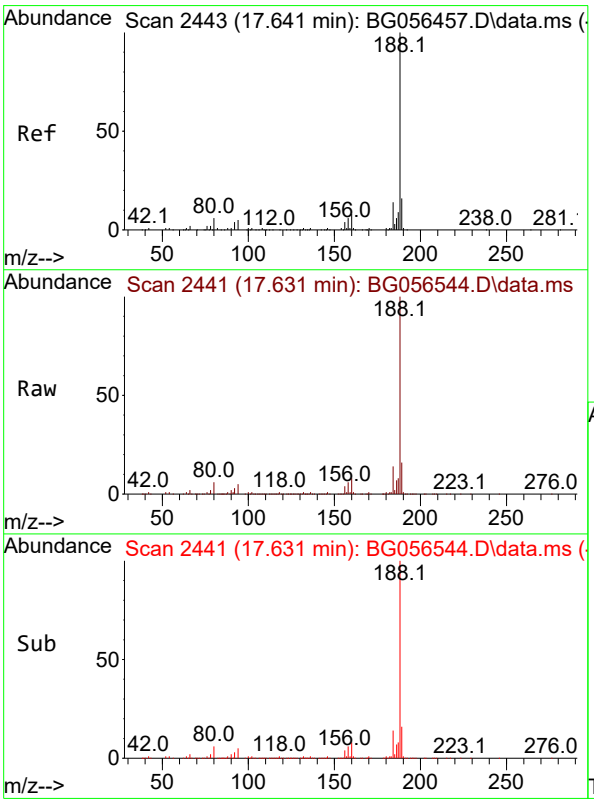
#56
4-Nitrophenol
Concen: 2.696 ng
RT: 15.286 min Scan# 2
Delta R.T. 0.190 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

Tgt Ion:139 Resp: 3837

Ion	Ratio	Lower	Upper
139	100		
109	0.0	67.5	107.5#
65	0.0	50.7	90.7#

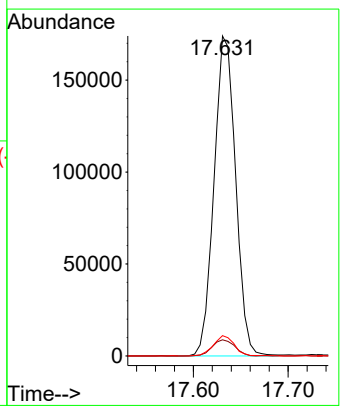


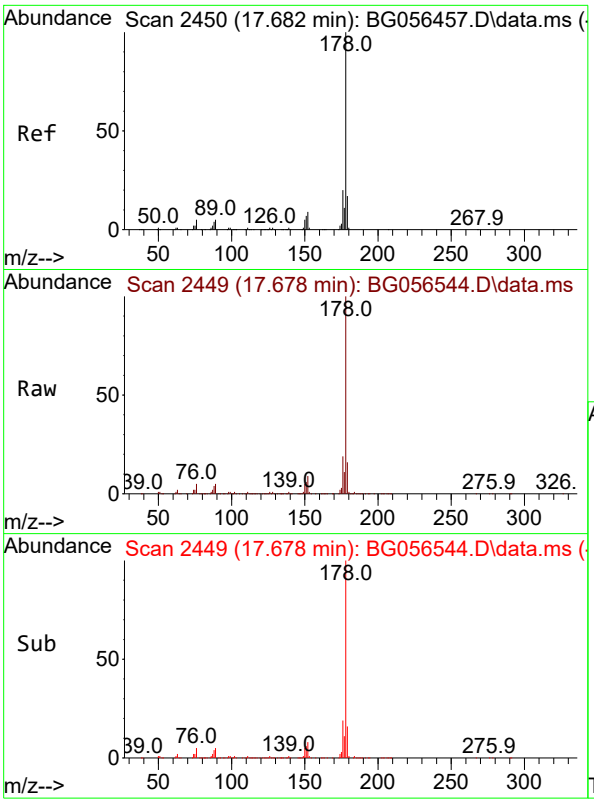


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.631 min Scan# 2441
Delta R.T. -0.004 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Tgt Ion:188 Resp: 275543

Ion	Ratio	Lower	Upper
188	100		
94	5.0	4.1	6.1
80	6.3	5.0	7.4



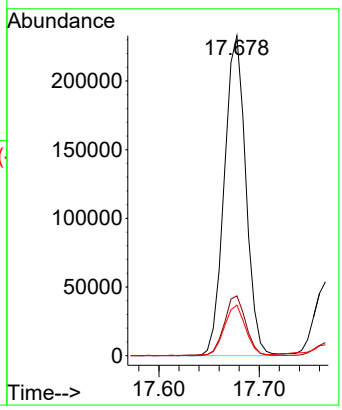


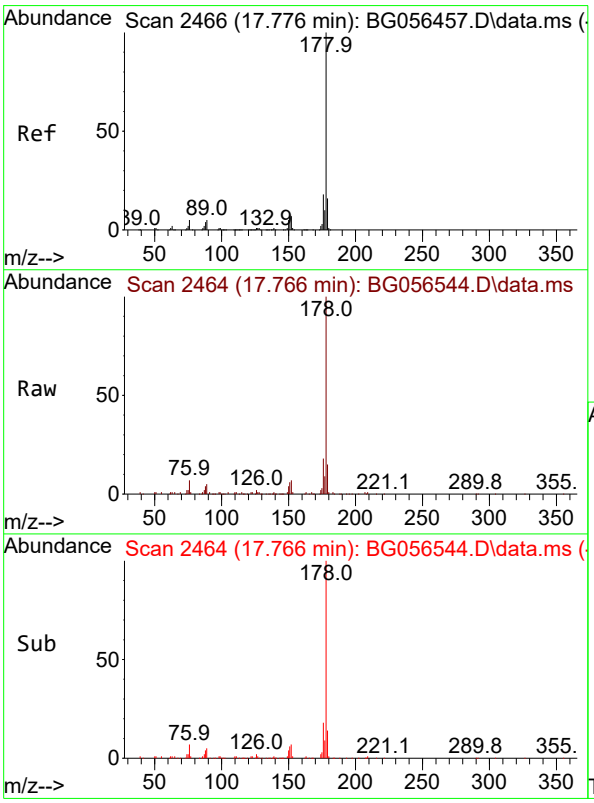
#71
Phenanthrene
Concen: 24.077 ng
RT: 17.678 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

Tgt Ion:178 Resp: 347224

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	15.8	13.3	19.9

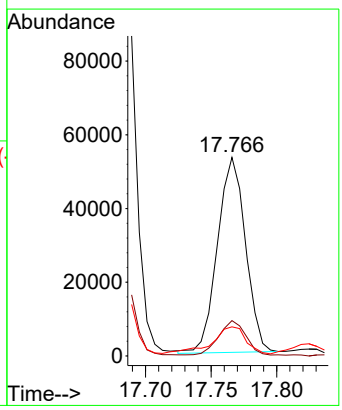


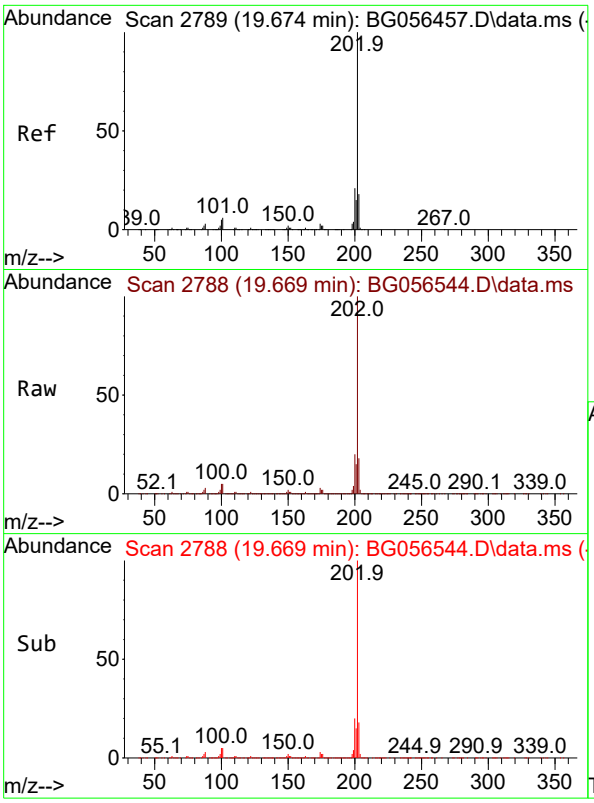


#72
Anthracene
Concen: 5.309 ng
RT: 17.766 min Scan# 2464
Delta R.T. -0.004 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Tgt Ion:178 Resp: 78595

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.5	21.7
179	14.7	12.5	18.7



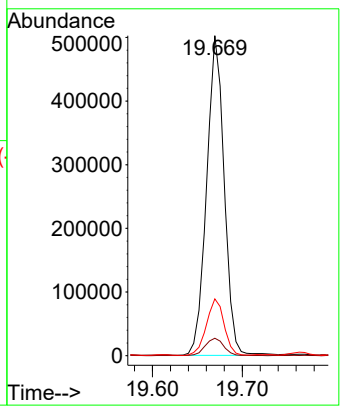


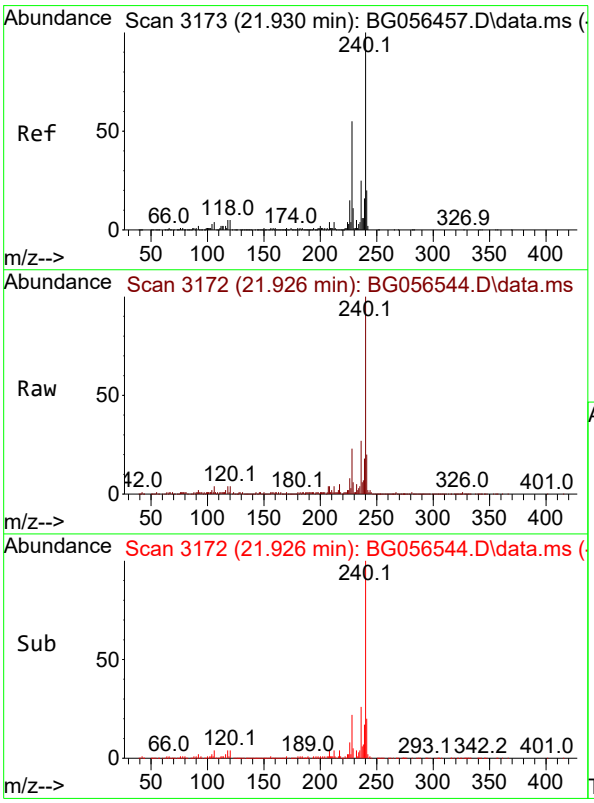
#75
Fluoranthene
Concen: 37.503 ng
RT: 19.669 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

Tgt Ion:202 Resp: 682606

Ion	Ratio	Lower	Upper
202	100		
101	5.4	0.0	25.6
203	17.8	0.0	38.1

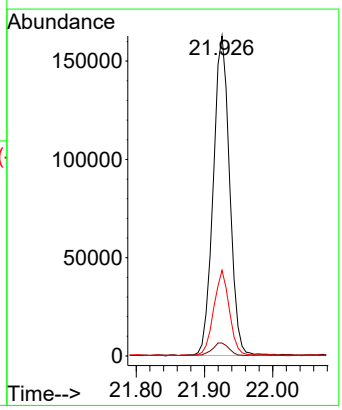


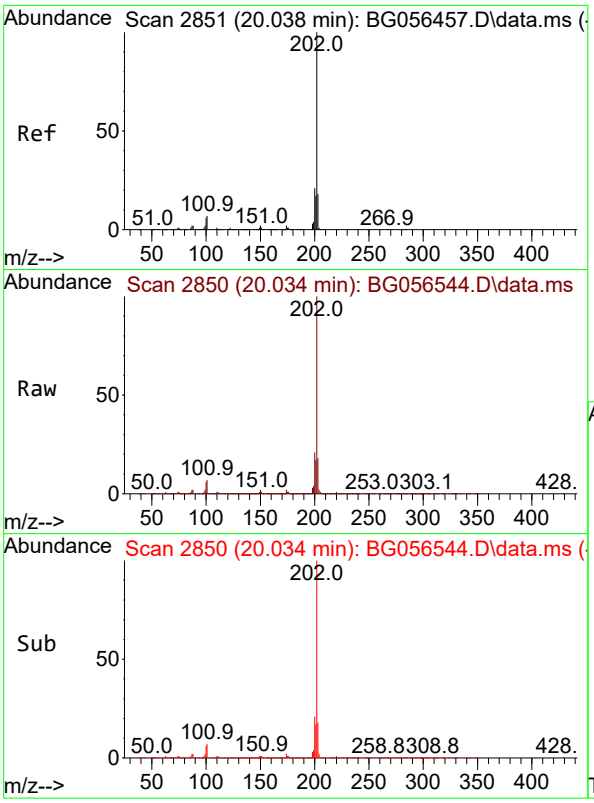


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.926 min Scan# 3172
Delta R.T. 0.001 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Tgt Ion:240 Resp: 272346

Ion	Ratio	Lower	Upper
240	100		
120	4.1	3.8	5.8
236	26.8	20.2	30.2



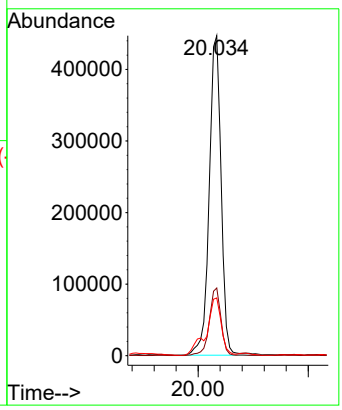


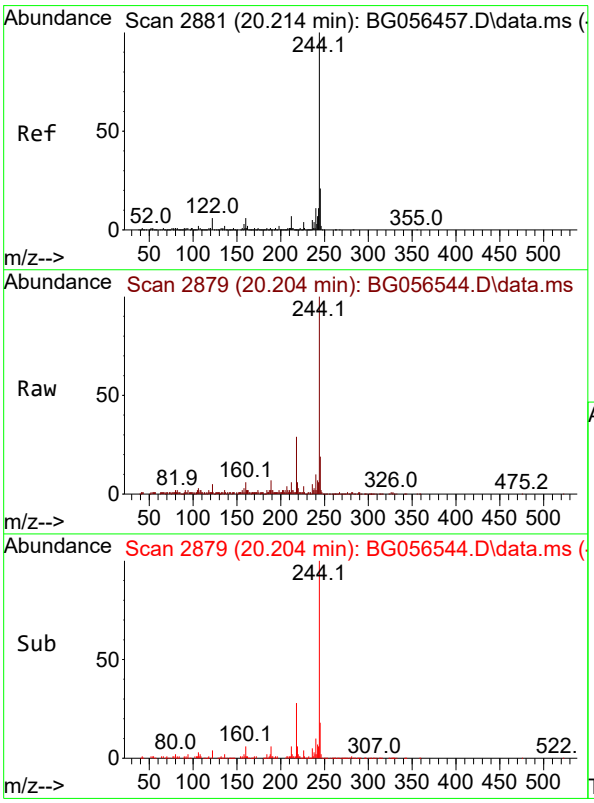
#78
Pyrene
Concen: 34.748 ng
RT: 20.034 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

Tgt Ion:202 Resp: 673069

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	18.1	14.4	21.6

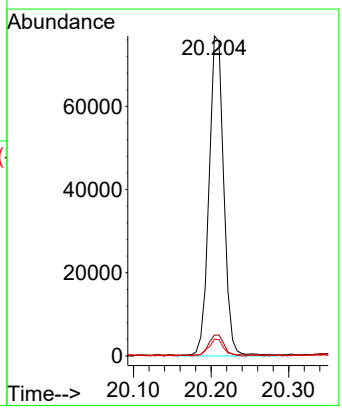


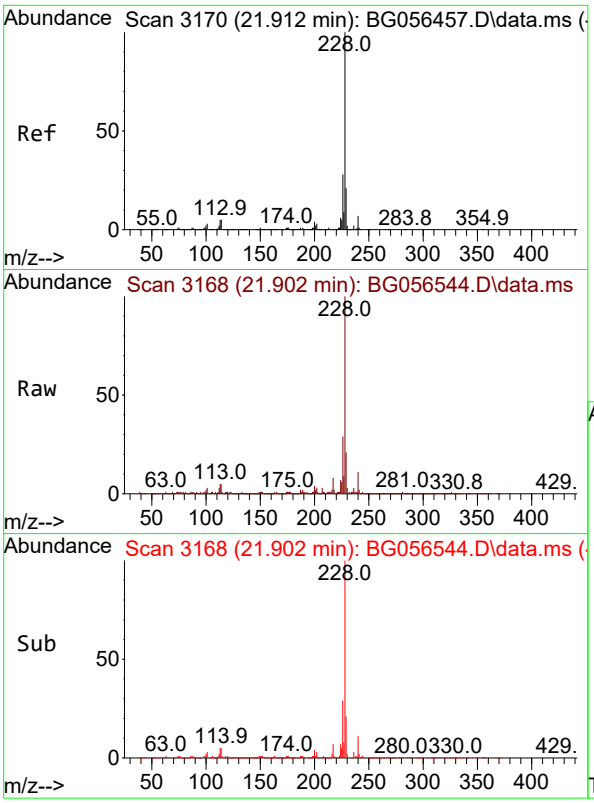


#79
Terphenyl-d14
Concen: 6.583 ng
RT: 20.204 min Scan# 2879
Delta R.T. -0.004 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Tgt Ion:244 Resp: 102080

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	5.3	4.4	6.6



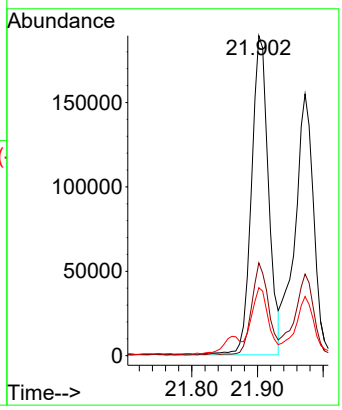


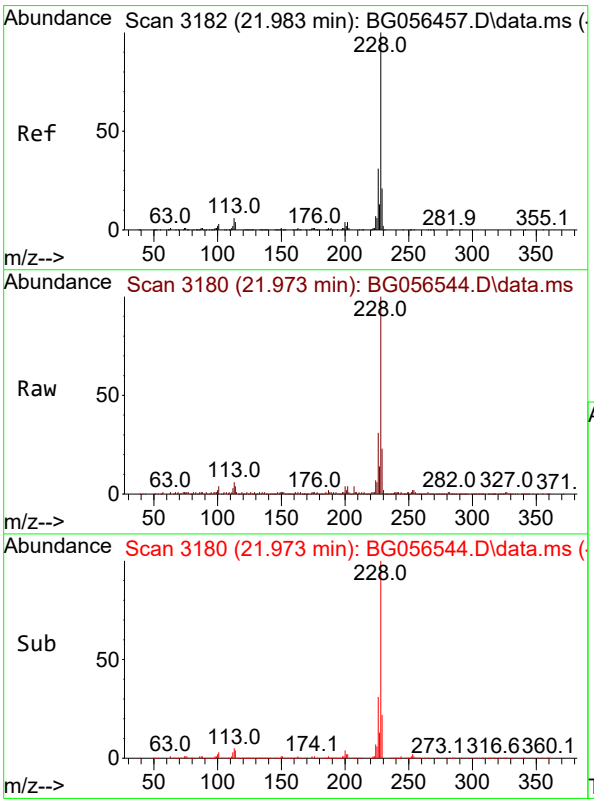
#81
Benzo(a)anthracene
Concen: 17.898 ng
RT: 21.902 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

Tgt Ion:228 Resp: 340774

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.4	33.6
229	21.2	16.5	24.7

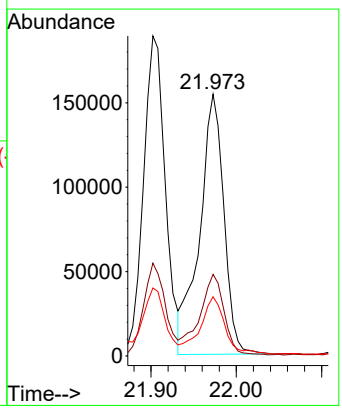


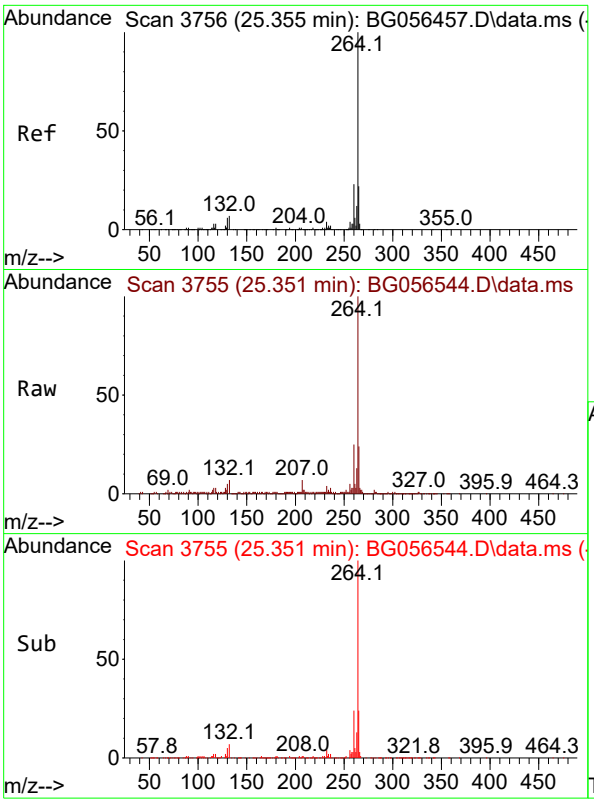


#83
Chrysene
Concen: 17.061 ng
RT: 21.973 min Scan# 3180
Delta R.T. -0.004 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Tgt Ion:228 Resp: 305190

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.4
229	22.6	16.4	24.6



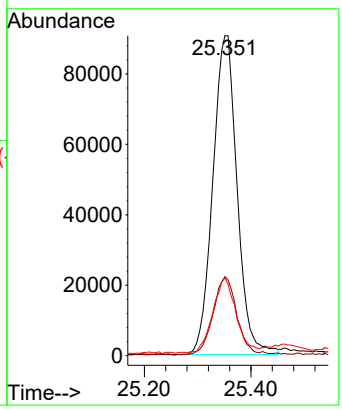


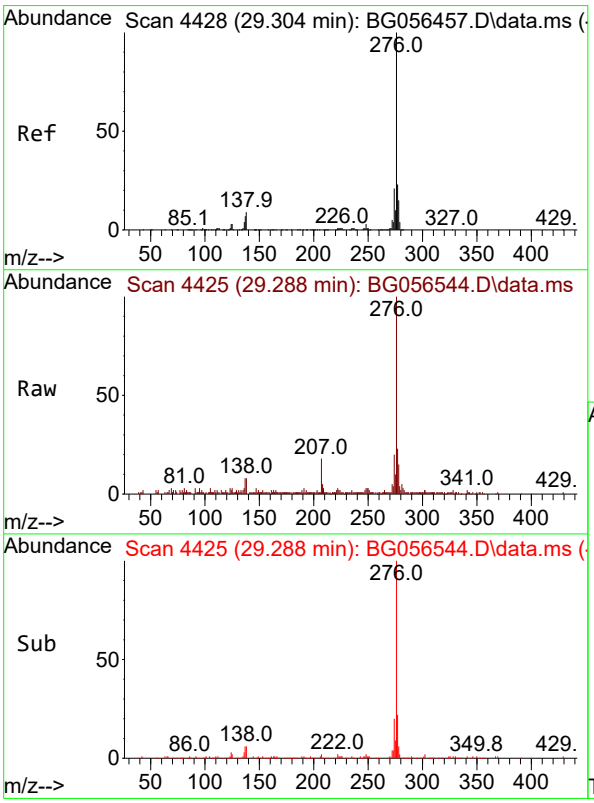
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.351 min Scan# 3
Delta R.T. 0.007 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

Tgt Ion:264 Resp: 285959

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.4
265	24.3	18.1	27.1

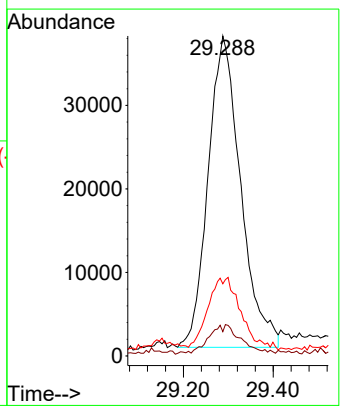


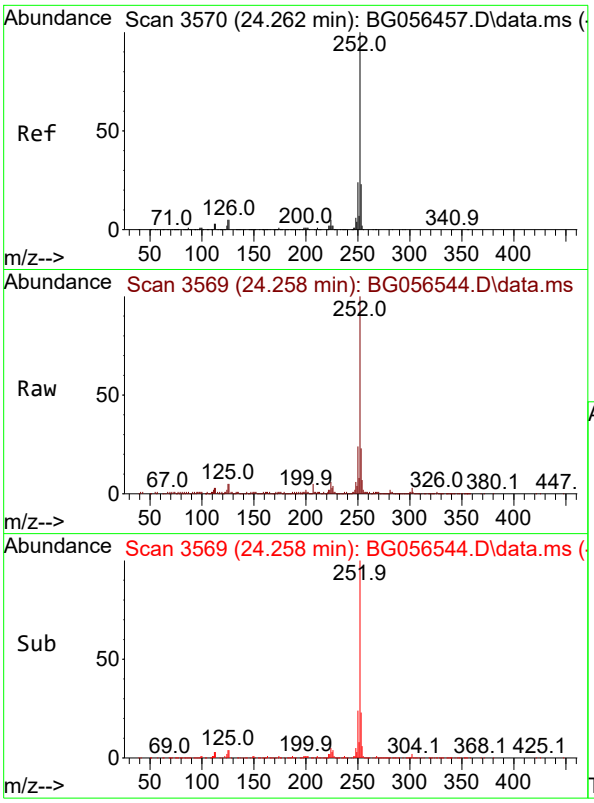


#87
Indeno(1,2,3-cd)pyrene
Concen: 8.954 ng
RT: 29.288 min Scan# 4425
Delta R.T. 0.007 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Tgt Ion:276 Resp: 187422

Ion	Ratio	Lower	Upper
276	100		
138	4.0	9.4	14.2#
277	10.7	20.3	30.5#



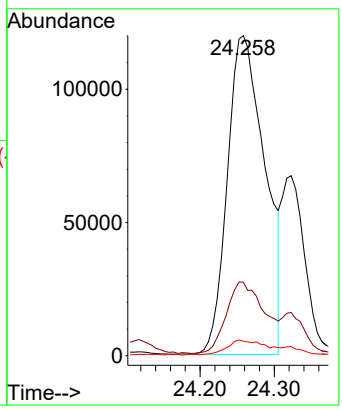


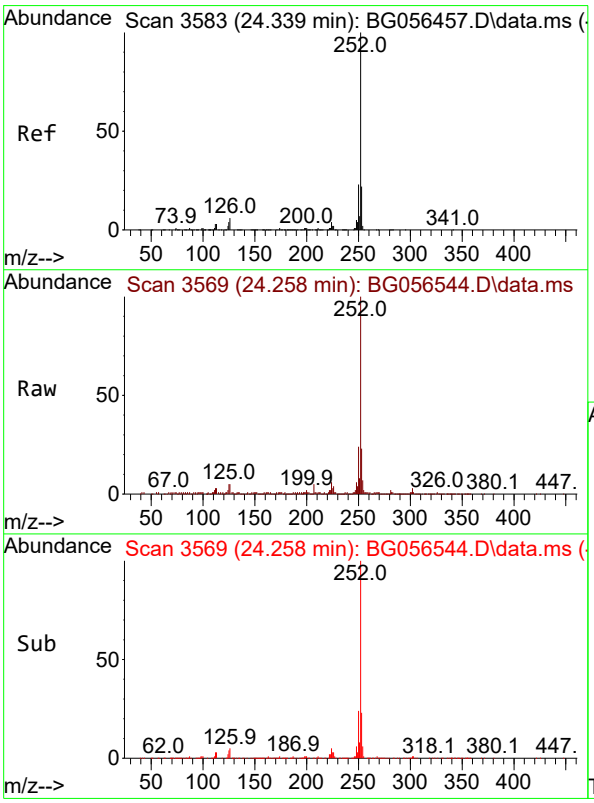
#88
Benzo(b)fluoranthene
Concen: 23.781 ng
RT: 24.258 min Scan# 3
Delta R.T. 0.007 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

Tgt Ion:252 Resp: 422095

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	4.5	3.9	5.9

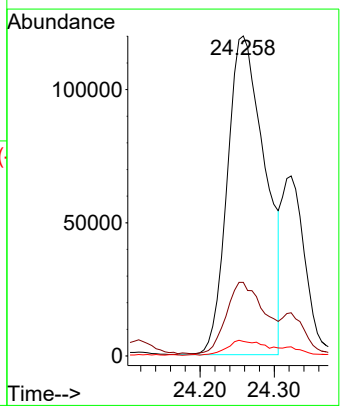


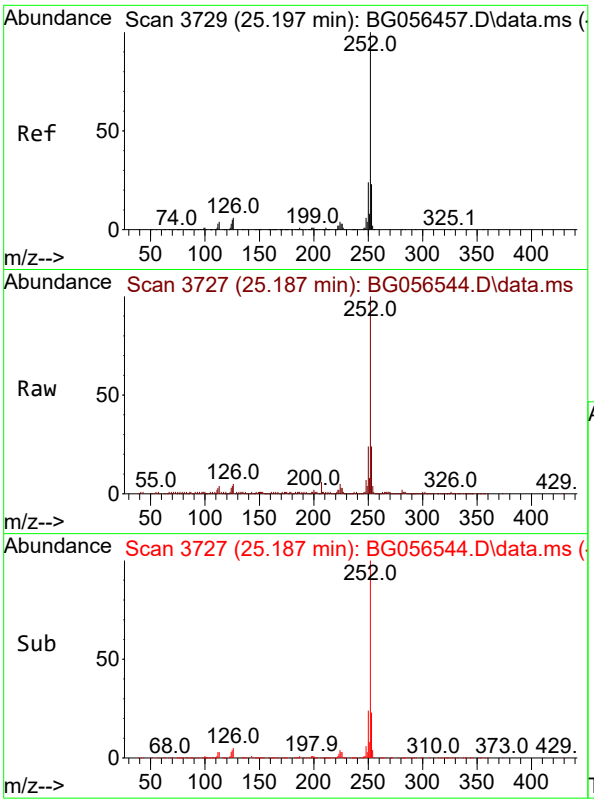


#89
Benzo(k)fluoranthene
Concen: 23.554 ng
RT: 24.258 min Scan# 3569
Delta R.T. -0.063 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Tgt Ion:252 Resp: 422095

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	4.5	3.4	5.0



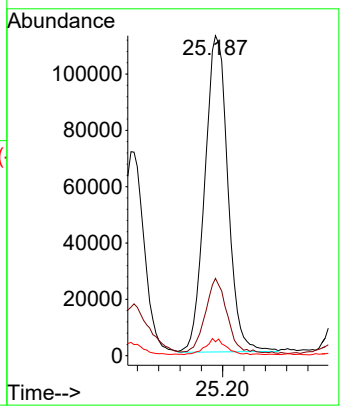


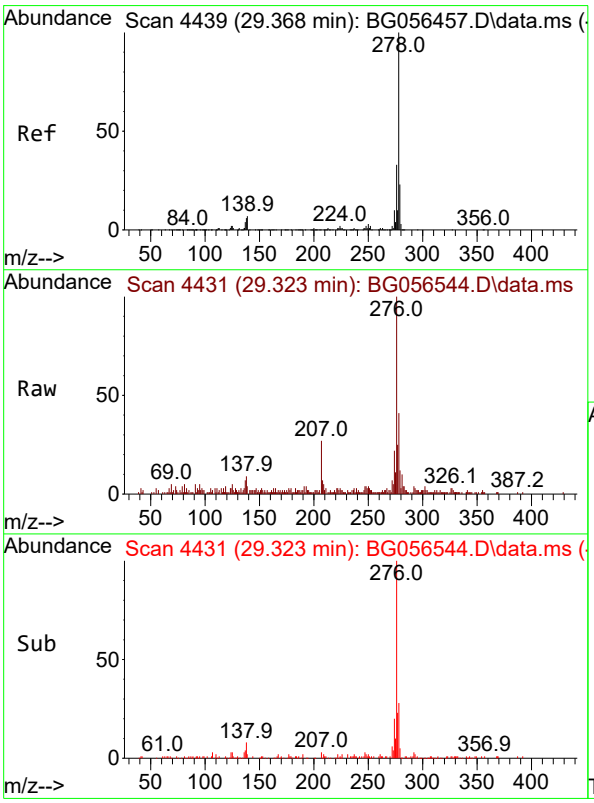
#90
Benzo(a)pyrene
Concen: 19.298 ng
RT: 25.187 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

Tgt Ion:252 Resp: 337398

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	4.3	4.1	6.1

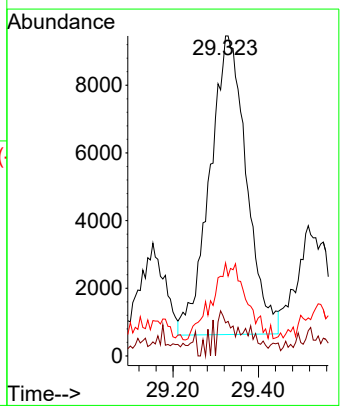


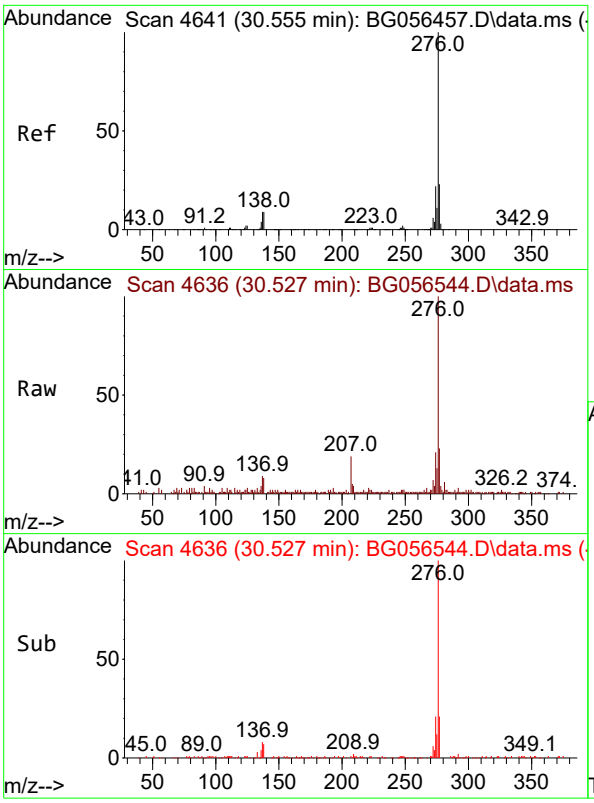


#91
Dibenzo(a,h)anthracene
Concen: 3.002 ng
RT: 29.323 min Scan# 4431
Delta R.T. -0.022 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Tgt Ion:278 Resp: 52740

Ion	Ratio	Lower	Upper
278	100		
139	10.4	5.5	8.3#
279	29.1	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 10.815 ng
RT: 30.527 min Scan# 4
Delta R.T. 0.001 min
Lab File: BG056544.D
Acq: 3 Feb 2023 18:33

Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

Tgt Ion:276 Resp: 183361

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.5	27.7
138	8.4	7.4	11.0