Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
Data File : BM036204.D
Acq On : 10 Aug 2022 22:26
Operator : CG/JU
Sample : N3962-20DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-205DL

Quant Time: Aug 10 23:43:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 22:19:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	285894	20.000	ng	0.00
21) Naphthalene-d8	10.633	136	1164419	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	671533	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1374870	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1383057	20.000	ng	0.00
86) Perylene-d12	23.744	264	1445079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1062020	60.226	ng	0.00
7) Phenol-d6	7.028	99	1325750	59.085	ng	0.00
23) Nitrobenzene-d5	8.998	82	788664	37.913	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	479443	60.859	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	1763060	38.764	ng	0.00
79) Terphenyl-d14	19.839	244	2736483	39.026	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.256	178	754240	10.768	ng	100
73) Carbazole	17.627	167	150150	2.185	ng	97
75) Fluoranthene	19.274	202	2837931	36.195	ng	99
78) Pyrene	19.633	202	2960953	34.525	ng	99
81) Benzo(a)anthracene	21.380	228	2244097	26.343	ng	99
83) Chrysene	21.433	228	2430783	30.018	ng	98
87) Indeno(1,2,3-cd)pyrene	26.174	276	1883891	18.551	ng	97
88) Benzo(b)fluoranthene	23.033	252	3887661	45.918	ng	97
89) Benzo(k)fluoranthene	23.033	252	3887661	45.463	ng	97
90) Benzo(a)pyrene	23.638	252	2766270	38.941	ng	97
91) Dibenzo(a,h)anthracene	26.462	278	307982	3.623	ng	95
92) Benzo(g,h,i)perylene	26.926	276	1948784	23.681	ng	99

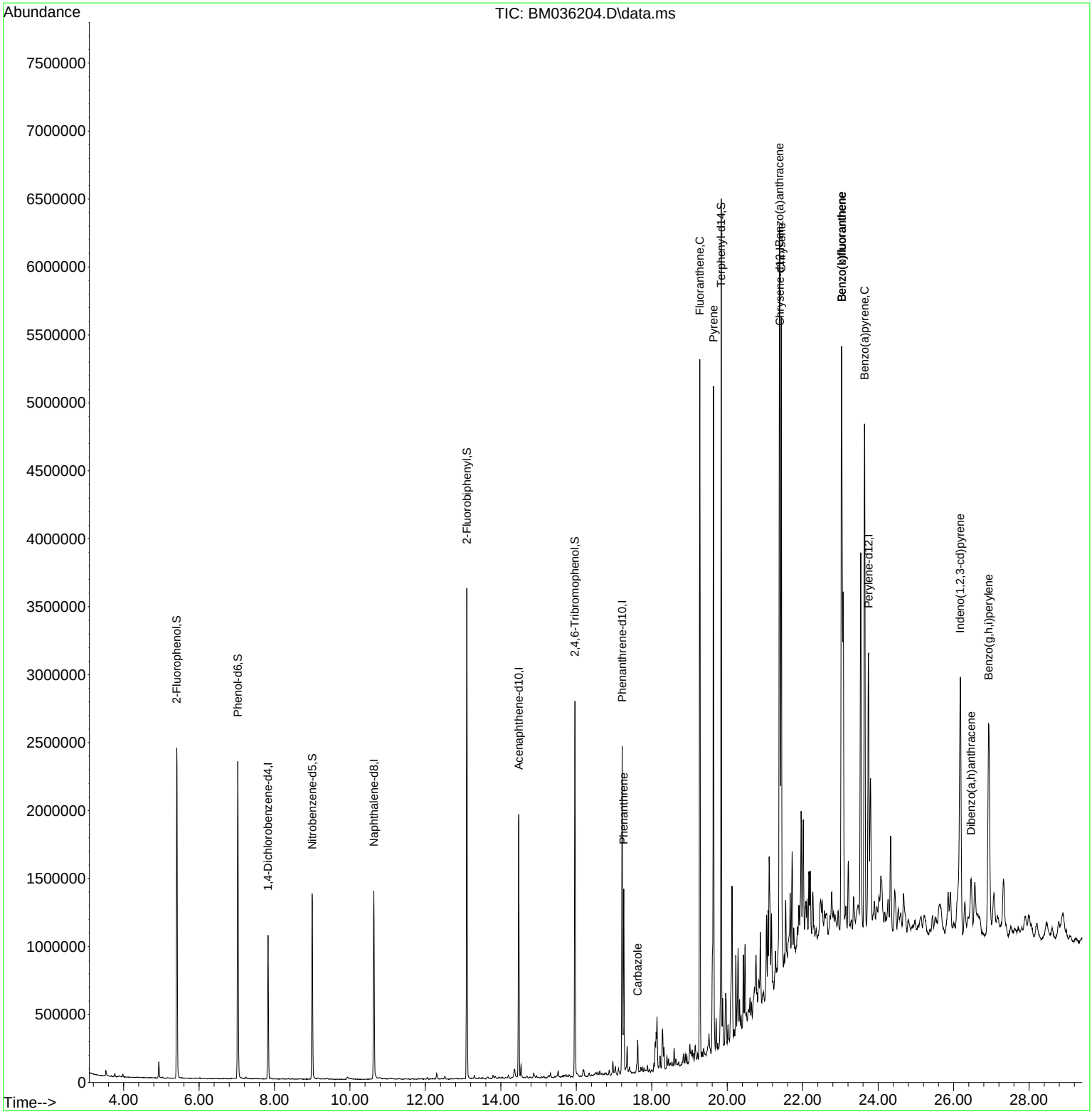
(#) = qualifier out of range (m) = manual integration (+) = signals summed

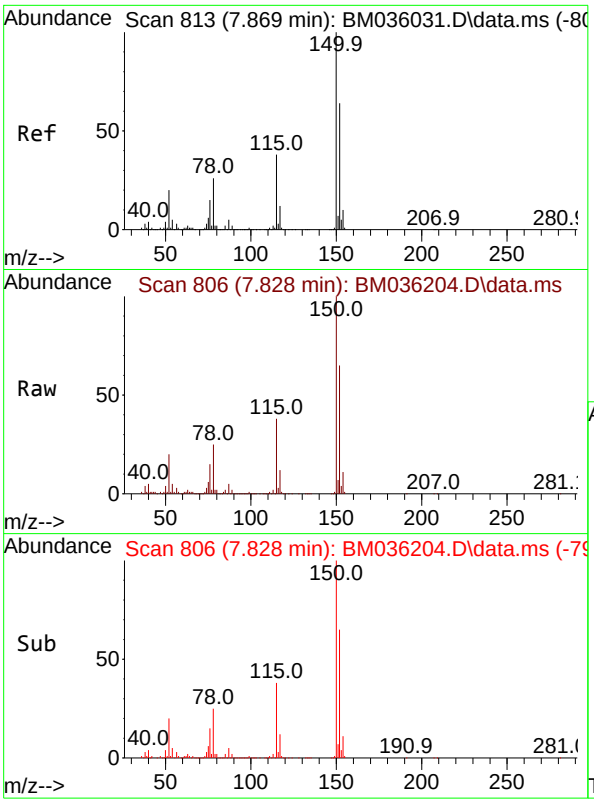
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
Data File : BM036204.D
Acq On : 10 Aug 2022 22:26
Operator : CG/JU
Sample : N3962-20DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-205DL

Quant Time: Aug 10 23:43:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 22:19:26 2022
Response via : Initial Calibration



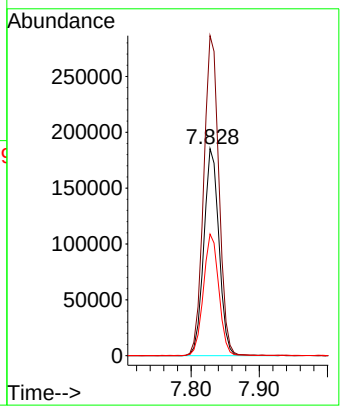


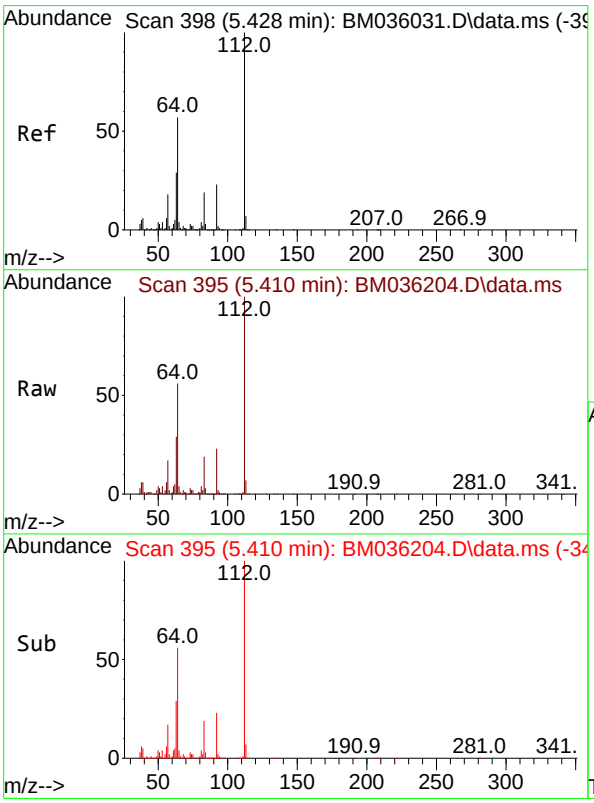
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Instrument :
BNA_M
ClientSampleId :
RVE-205DL

Tgt Ion:152 Resp: 285894

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.9	187.3
115	58.8	47.9	71.9

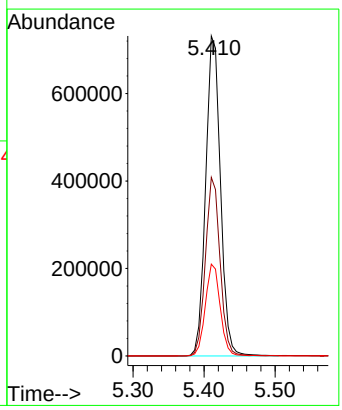


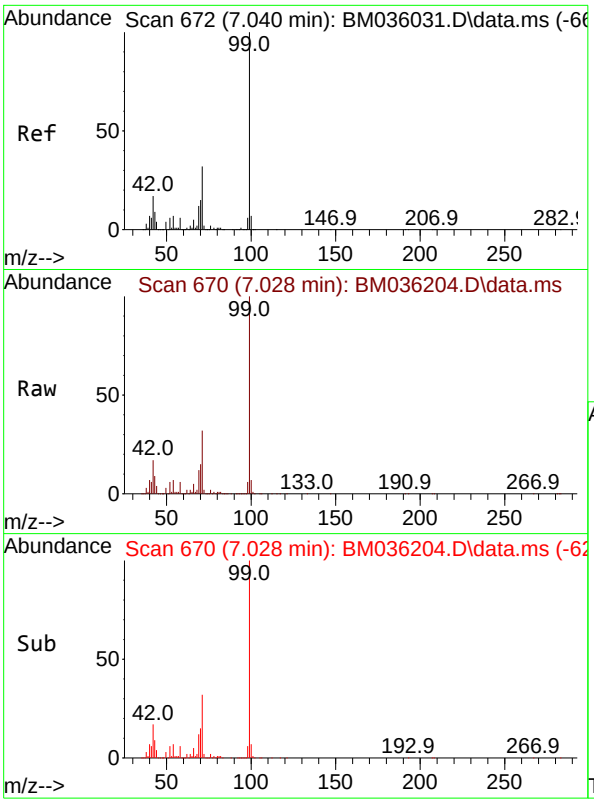


#5
2-Fluorophenol
Concen: 60.226 ng
RT: 5.410 min Scan# 395
Delta R.T. -0.006 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Tgt Ion:112 Resp: 1062020

Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.8	71.6
63	28.7	26.6	40.0



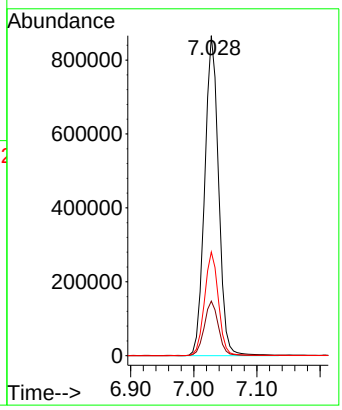


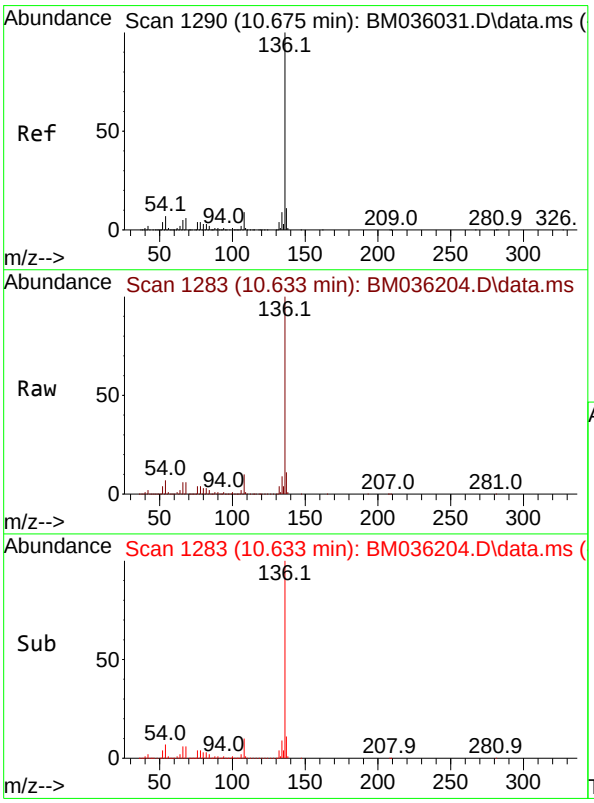
#7
Phenol-d6
Concen: 59.085 ng
RT: 7.028 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Instrument :
BNA_M
ClientSampleId :
RVE-205DL

Tgt Ion: 99 Resp: 1325750

Ion	Ratio	Lower	Upper
99	100		
42	17.0	18.8	28.2#
71	32.4	30.2	45.2

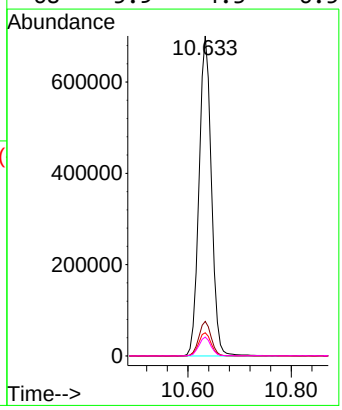


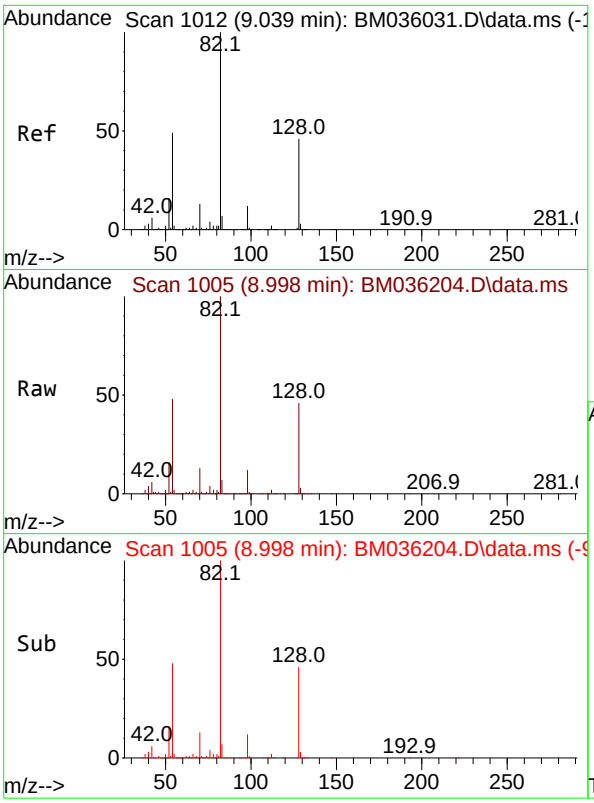


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Tgt Ion:136 Resp: 1164419

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.2	7.0	10.4
68	5.9	4.3	6.5



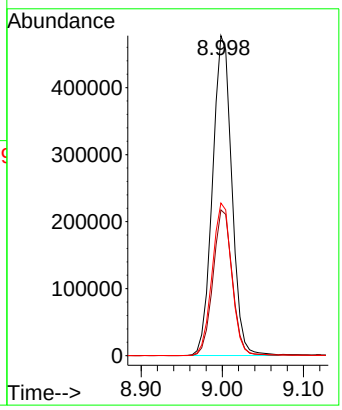


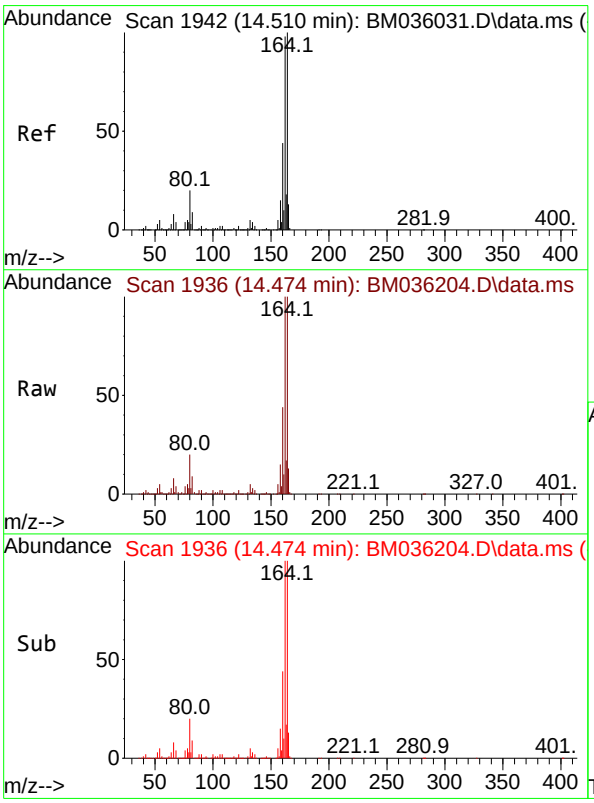
#23
Nitrobenzene-d5
Concen: 37.913 ng
RT: 8.998 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Instrument :
BNA_M
ClientSampleId :
RVE-205DL

Tgt Ion: 82 Resp: 788664

Ion	Ratio	Lower	Upper
82	100		
128	45.5	33.7	50.5
54	47.7	43.2	64.8

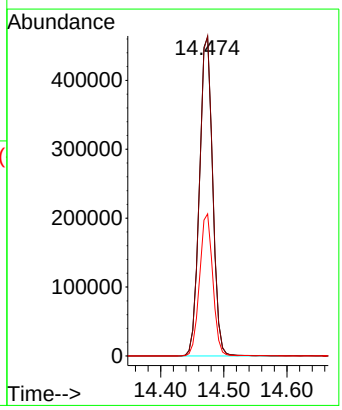


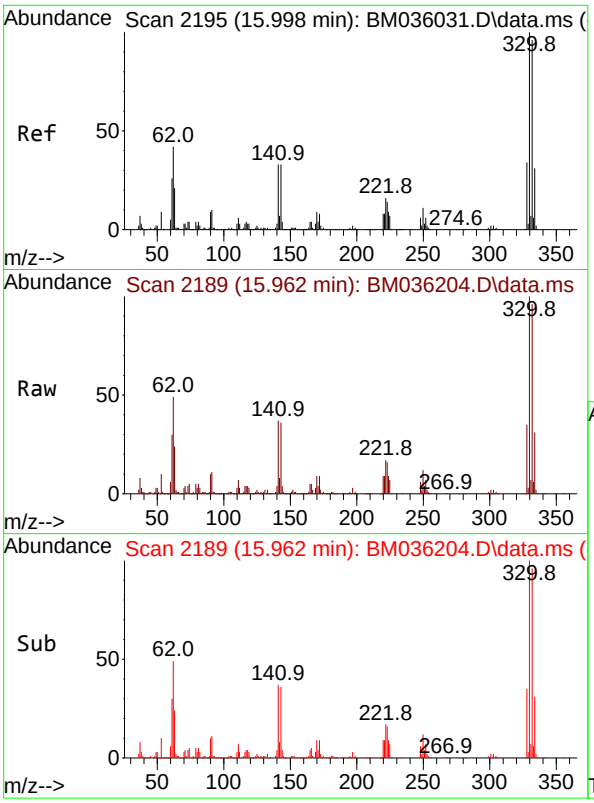


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Tgt Ion:164 Resp: 671533

Ion	Ratio	Lower	Upper
164	100		
162	100.4	83.0	124.6
160	44.6	37.0	55.4



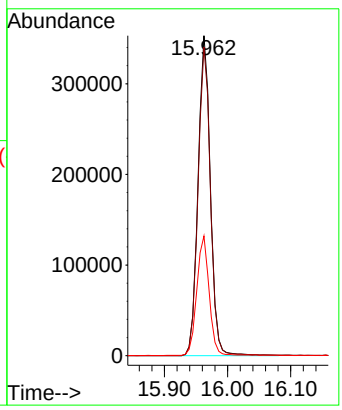


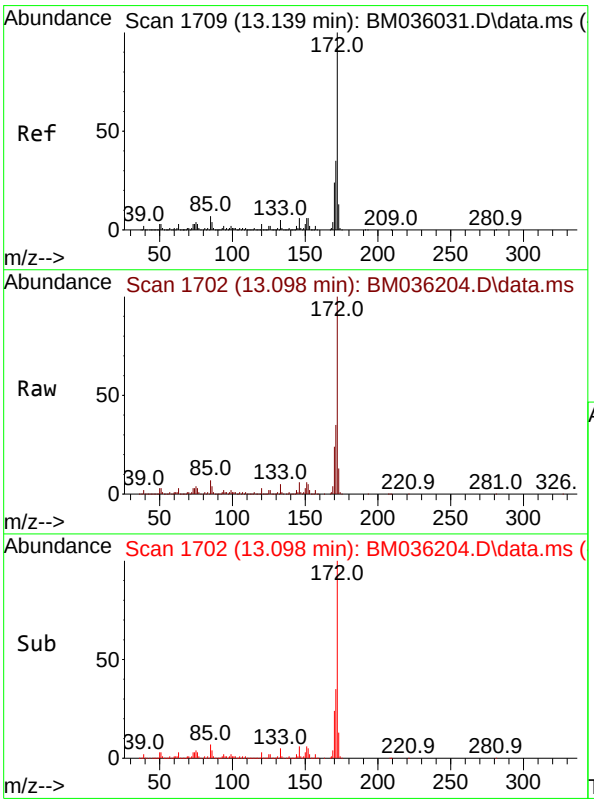
#42
2,4,6-Tribromophenol
Concen: 60.859 ng
RT: 15.962 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Instrument :
BNA_M
ClientSampleId :
RVE-205DL

Tgt Ion:330 Resp: 479443

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.4
141	37.3	35.3	52.9

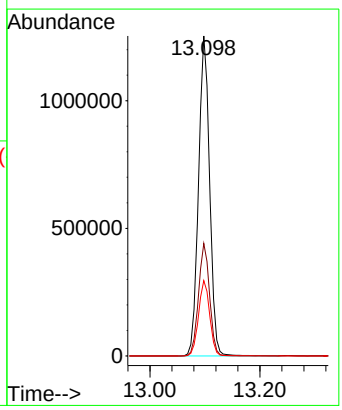


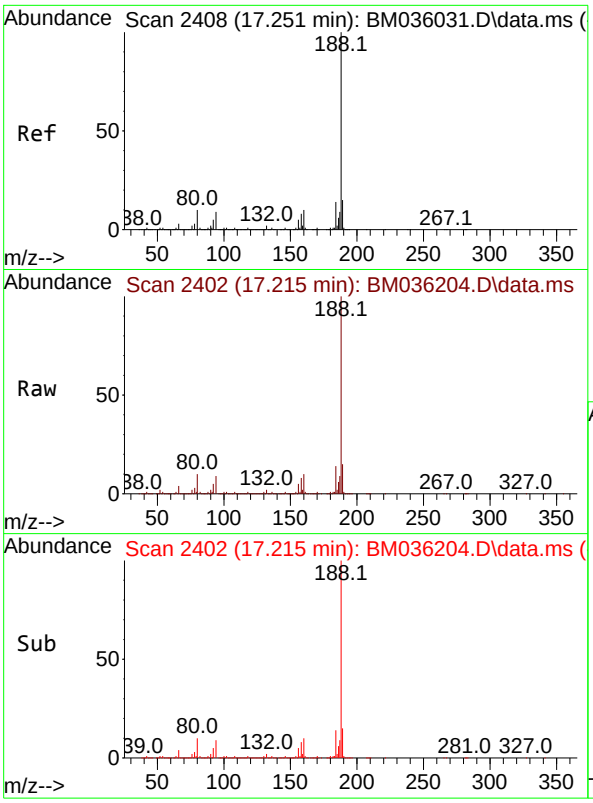


#45
2-Fluorobiphenyl
Concen: 38.764 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Tgt Ion:172 Resp: 1763060

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.5	18.7	28.1



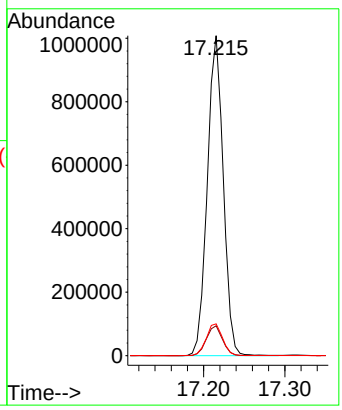


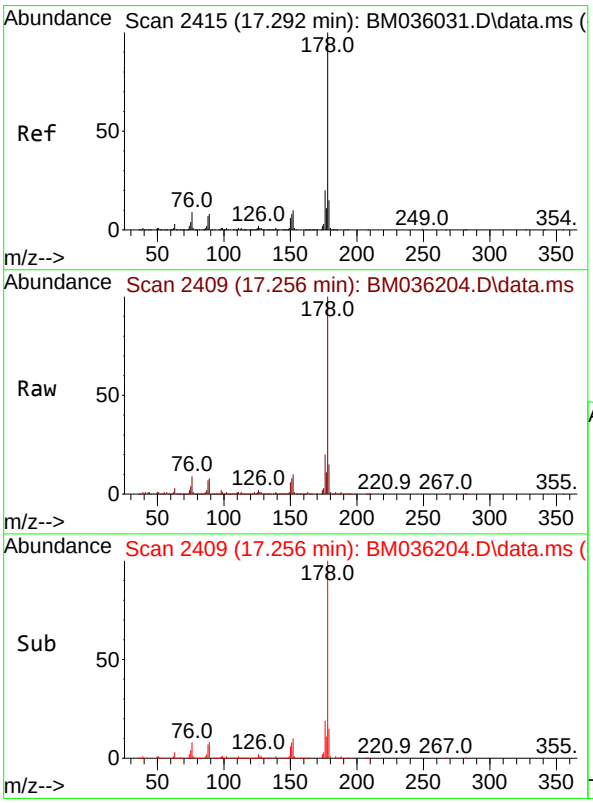
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Instrument :
BNA_M
ClientSampleId :
RVE-205DL

Tgt Ion:188 Resp: 1374870

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.4
80	9.9	7.6	11.4

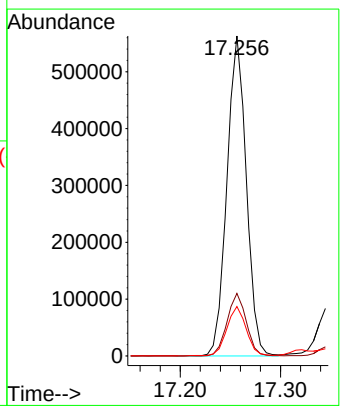


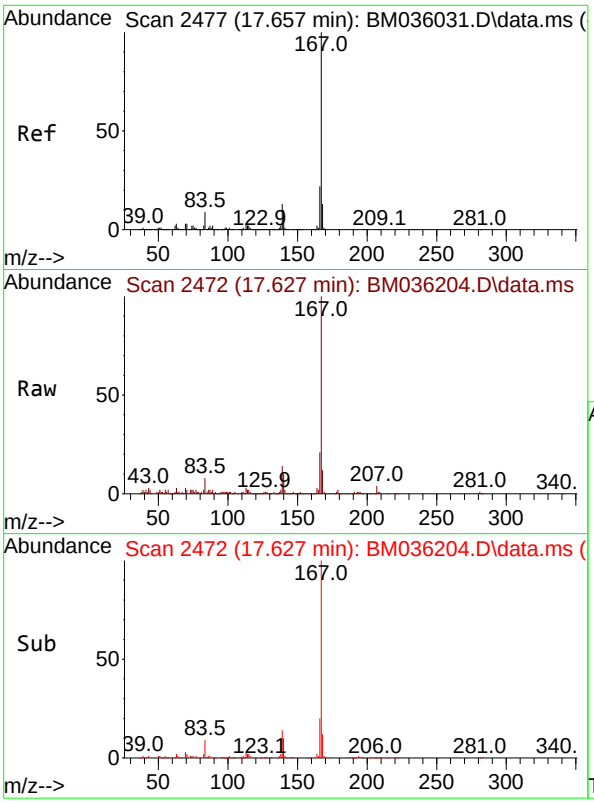


#71
Phenanthrene
Concen: 10.768 ng
RT: 17.256 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Tgt Ion:178 Resp: 754240

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.4	12.4	18.6



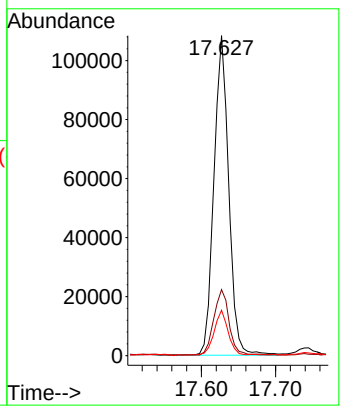


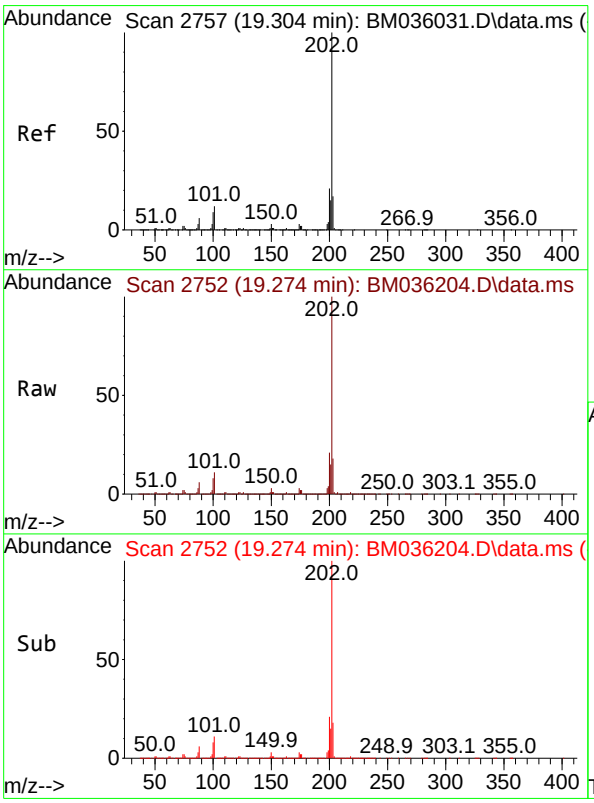
#73
Carbazole
Concen: 2.185 ng
RT: 17.627 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Instrument :
BNA_M
ClientSampleId :
RVE-205DL

Tgt Ion:167 Resp: 150150

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.8	26.8
139	14.2	10.9	16.3

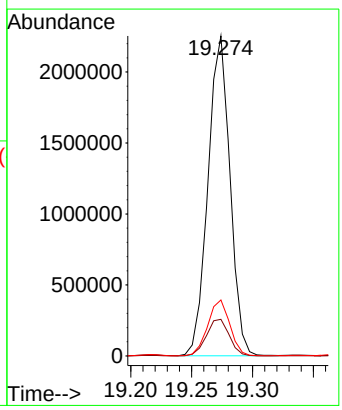


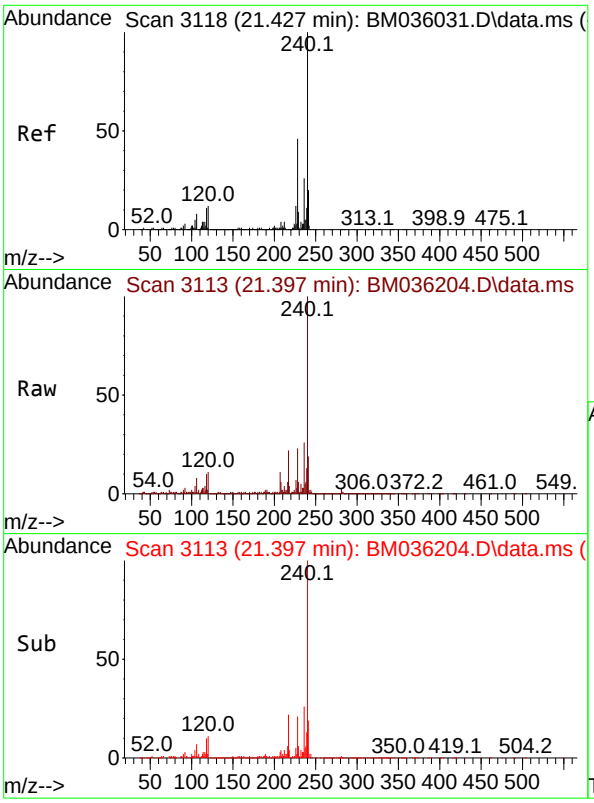


#75
Fluoranthene
Concen: 36.195 ng
RT: 19.274 min Scan# 2752
Delta R.T. -0.000 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Tgt Ion:202 Resp: 2837931

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.6
203	17.5	0.0	37.4



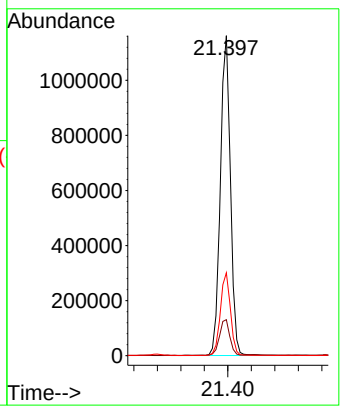


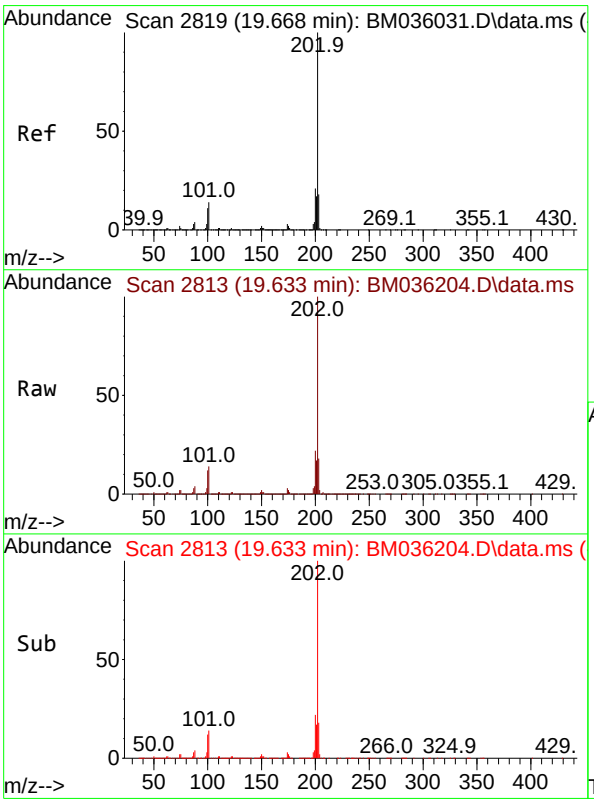
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Instrument :
BNA_M
ClientSampleId :
RVE-205DL

Tgt Ion:240 Resp: 1383057

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.4	14.0
236	25.9	20.6	30.8

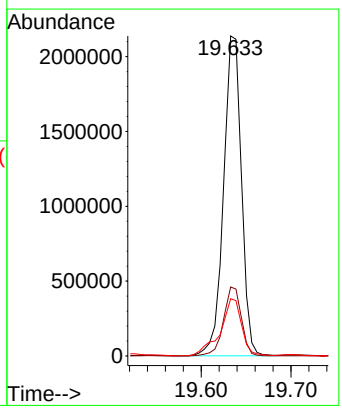


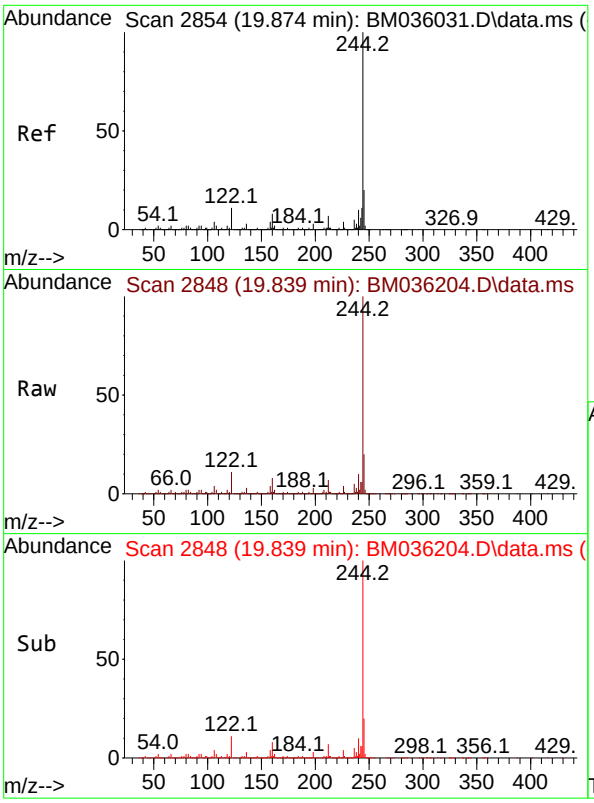


#78
Pyrene
Concen: 34.525 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Tgt Ion:202 Resp: 2960953

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	17.9	13.9	20.9



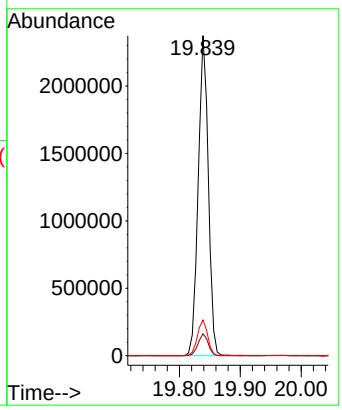


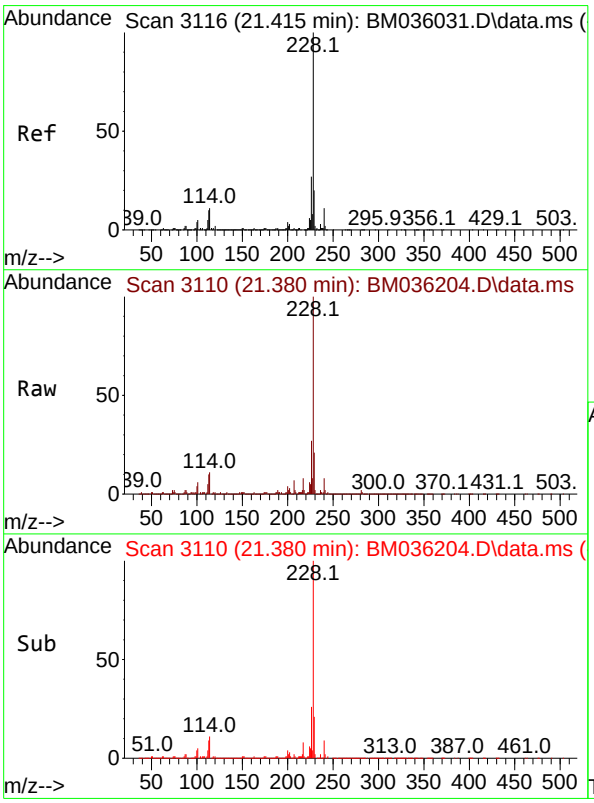
#79
Terphenyl-d14
Concen: 39.026 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Instrument :
BNA_M
ClientSampleId :
RVE-205DL

Tgt Ion:244 Resp: 2736483

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.4
122	11.1	8.3	12.5

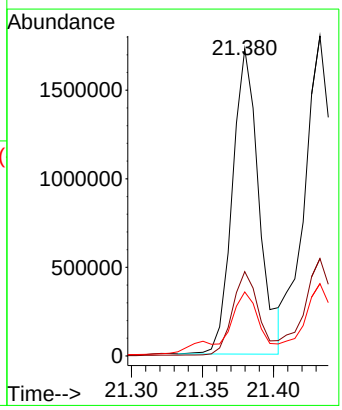


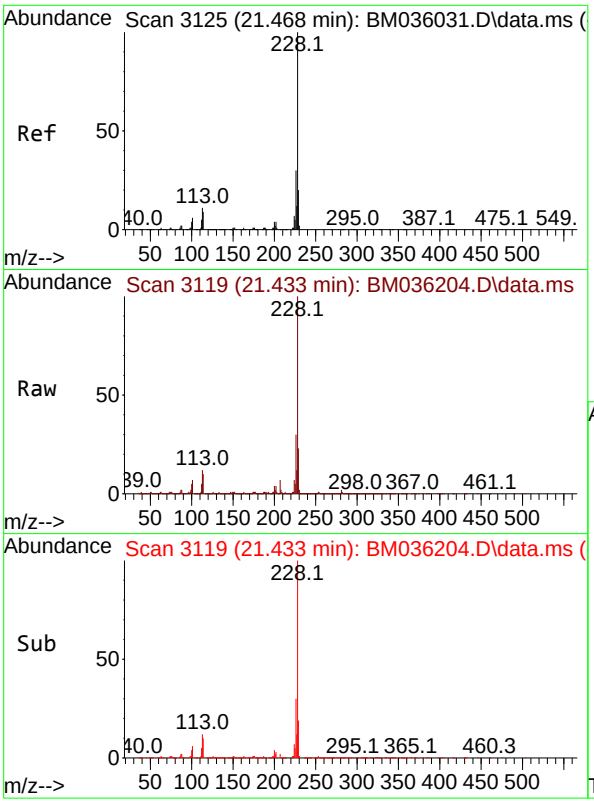


#81
Benzo(a)anthracene
Concen: 26.343 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Tgt Ion:228 Resp: 2244097

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.8	15.8	23.6



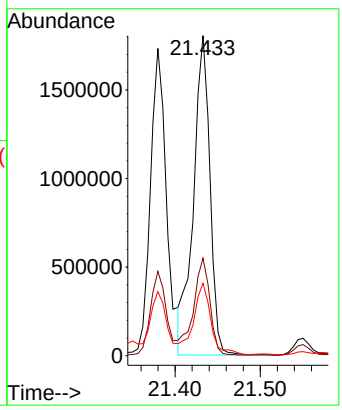


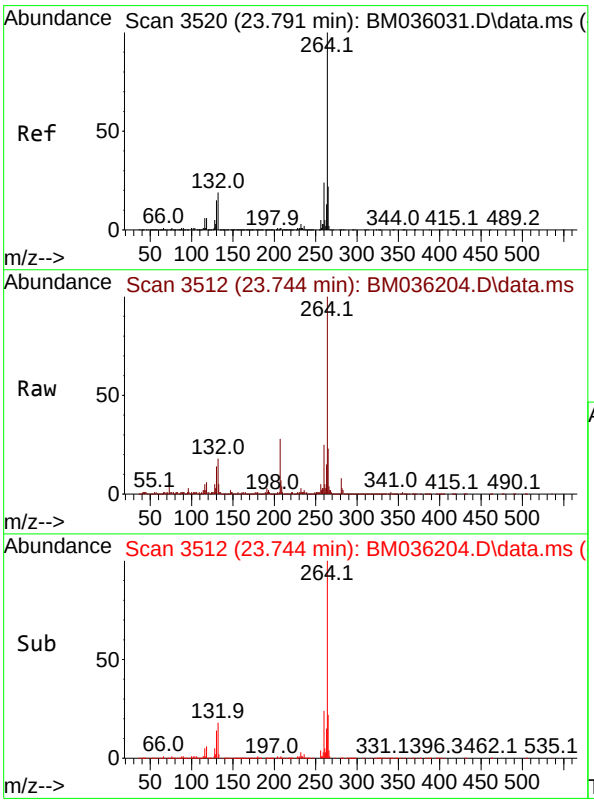
#83
Chrysene
Concen: 30.018 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Instrument :
BNA_M
ClientSampleId :
RVE-205DL

Tgt Ion:228 Resp: 2430783

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	22.6	15.8	23.8

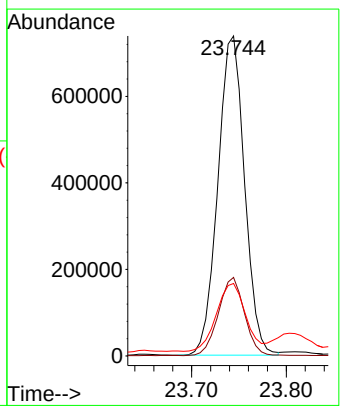


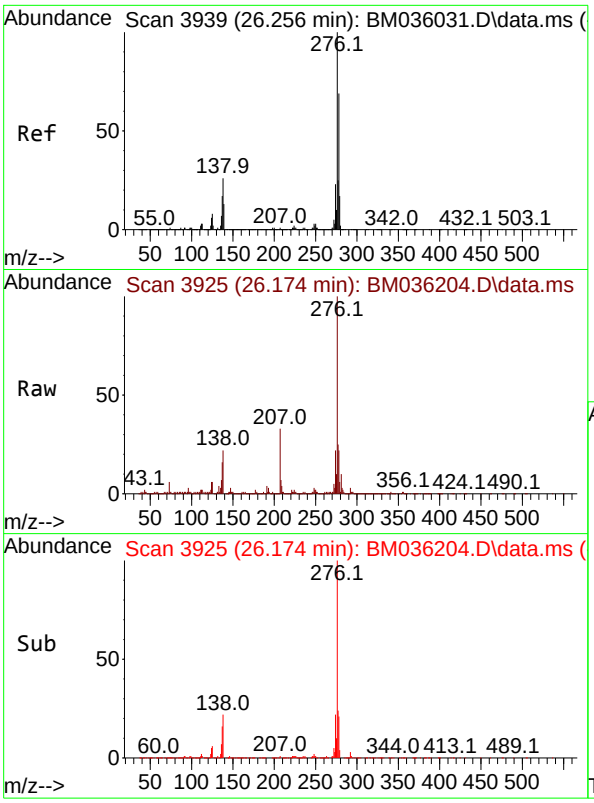


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.744 min Scan# 3512
Delta R.T. -0.000 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Tgt Ion:264 Resp: 1445079

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	22.7	17.5	26.3



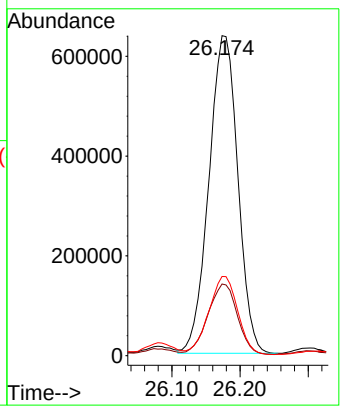


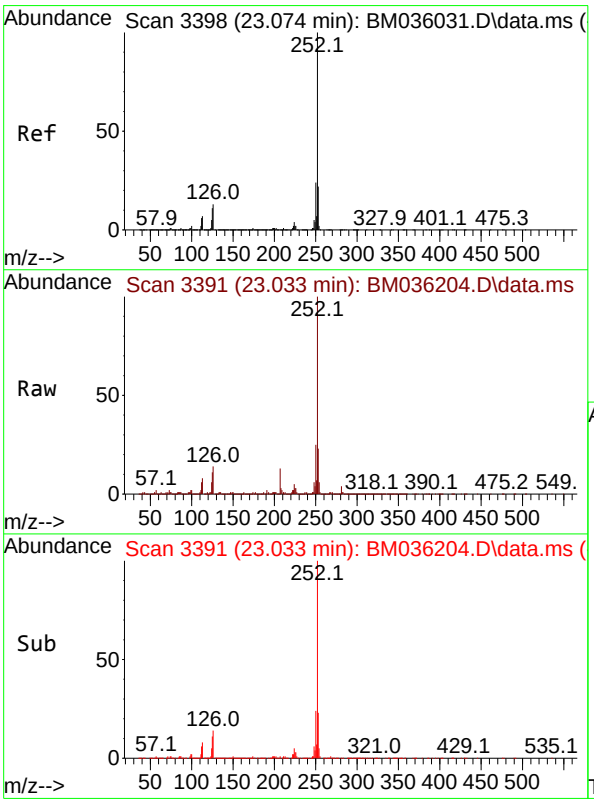
#87
Indeno(1,2,3-cd)pyrene
Concen: 18.551 ng
RT: 26.174 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Instrument :
BNA_M
ClientSampleId :
RVE-205DL

Tgt Ion:276 Resp: 1883891

Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.2	30.4
277	24.5	20.2	30.2

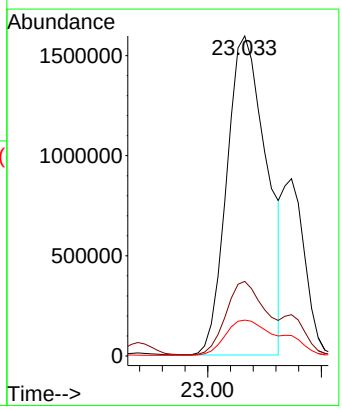


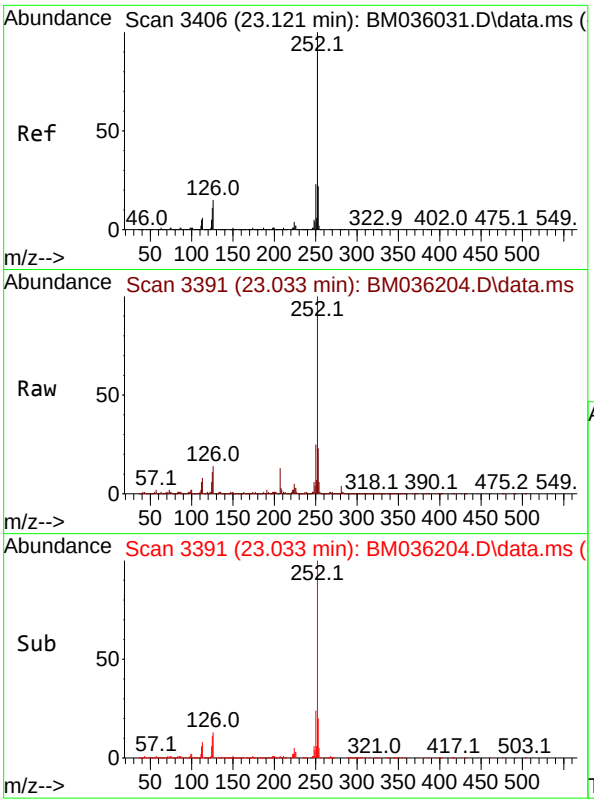


#88
Benzo(b)fluoranthene
Concen: 45.918 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.000 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Tgt Ion:252 Resp: 3887661

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	11.2	7.6	11.4



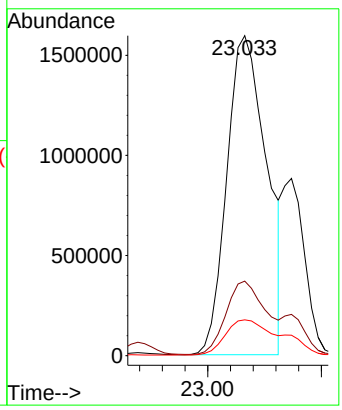


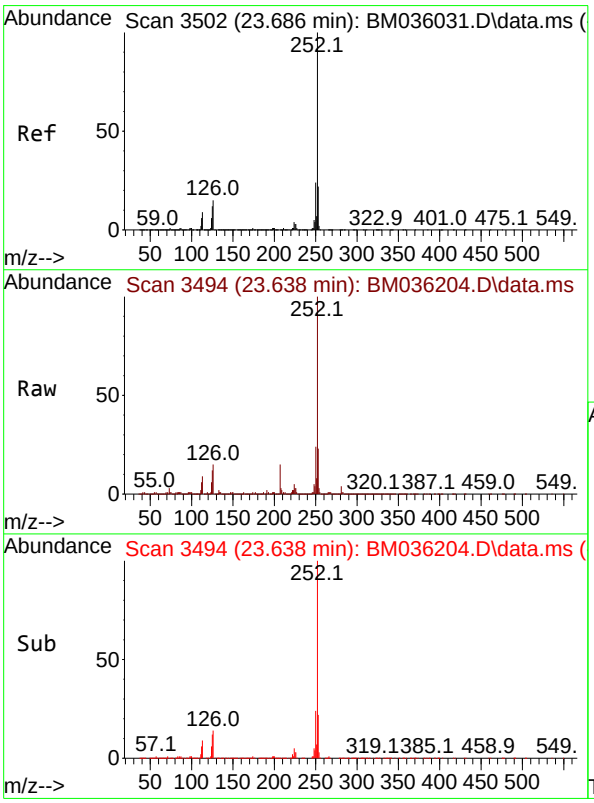
#89
Benzo(k)fluoranthene
Concen: 45.463 ng
RT: 23.033 min Scan# 3
Delta R.T. -0.047 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Instrument :
BNA_M
ClientSampleId :
RVE-205DL

Tgt Ion:252 Resp: 3887661

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	11.2	7.6	11.4

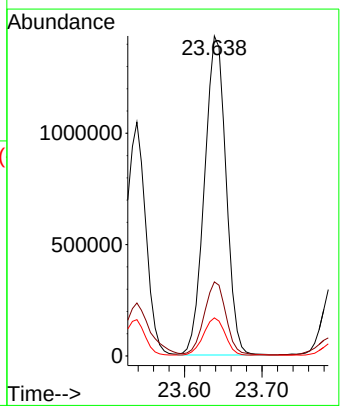


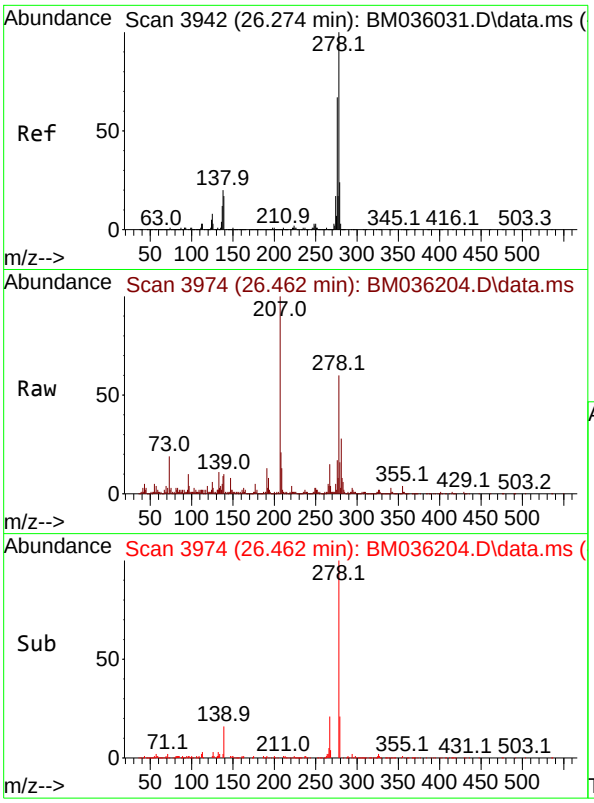


#90
Benzo(a)pyrene
Concen: 38.941 ng
RT: 23.638 min Scan# 3494
Delta R.T. -0.006 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Tgt Ion:252 Resp: 2766270

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	11.9	8.7	13.1



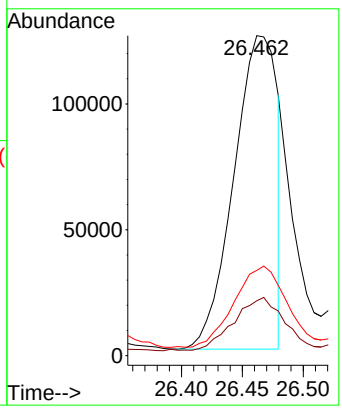


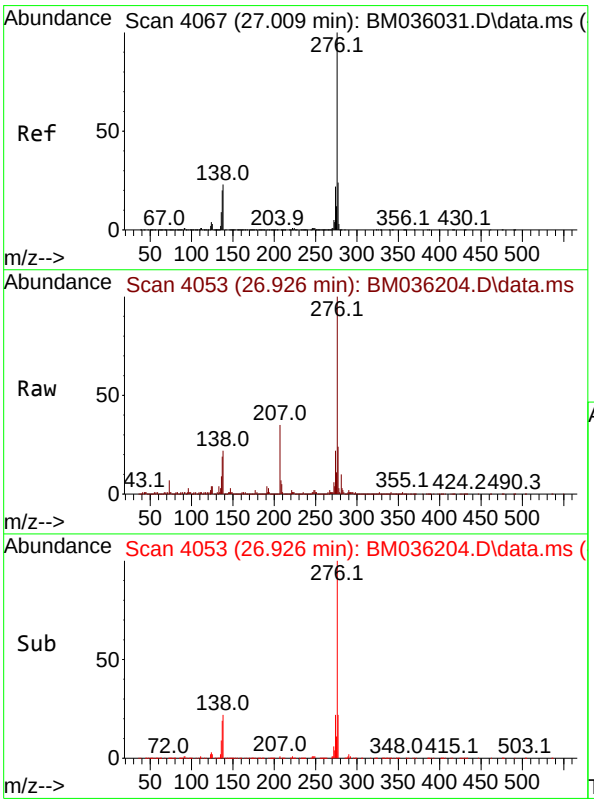
#91
Dibenzo(a,h)anthracene
Concen: 3.623 ng
RT: 26.462 min Scan# 3
Delta R.T. 0.259 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Instrument :
BNA_M
ClientSampleId :
RVE-205DL

Tgt Ion:278 Resp: 307982

Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.9	19.3
279	26.7	18.7	28.1





#92
Benzo(g,h,i)perylene
Concen: 23.681 ng
RT: 26.926 min Scan# 4053
Delta R.T. -0.018 min
Lab File: BM036204.D
Acq: 10 Aug 2022 22:26

Tgt Ion:276 Resp: 1948784

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	22.1	17.6	26.4