Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034356.D
Acq On : 24 Mar 2022 01:34
Operator : CG/JU
Sample : N1958-10 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-10-9-10

Quant Time: Mar 24 02:44:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 02:40:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.936	152	172049	20.000	ng		0.00
21) Naphthalene-d8	10.748	136	655253	20.000	ng		0.00
39) Acenaphthene-d10	14.577	164	383878	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	743465	20.000	ng		0.00
76) Chrysene-d12	21.494	240	725524	20.000	ng		0.00
86) Perylene-d12	23.912	264	830138	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.495	112	219887	22.928	ng		0.00
7) Phenol-d6	7.095	99	271347	19.761	ng		0.00
23) Nitrobenzene-d5	9.095	82	179807	13.360	ng		-0.01
42) 2,4,6-Tribromophenol	16.065	330	100748	19.471	ng		0.00
45) 2-Fluorobiphenyl	13.207	172	386233	13.749	ng		0.00
79) Terphenyl-d14	19.936	244	536671	12.853	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.359	178	649705	15.605	ng		100
72) Anthracene	17.453	178	172039	4.245	ng		99
75) Fluoranthene	19.377	202	1560461	33.433	ng		99
78) Pyrene	19.736	202	1417448	27.729	ng		100
81) Benzo(a)anthracene	21.477	228	684947	14.958	ng		97
83) Chrysene	21.530	228	614180	13.134	ng		97
87) Indeno(1,2,3-cd)pyrene	26.429	276	435718	8.159	ng		97
88) Benzo(b)fluoranthene	23.177	252	821648	16.552	ng	#	95
89) Benzo(k)fluoranthene	23.177	252	821648	15.625	ng	#	95
90) Benzo(a)pyrene	23.806	252	633486	15.054	ng		97
91) Dibenzo(a,h)anthracene	26.435	278	106256	2.454	ng	#	86
92) Benzo(g,h,i)perylene	27.206	276	456416	10.184	ng		97

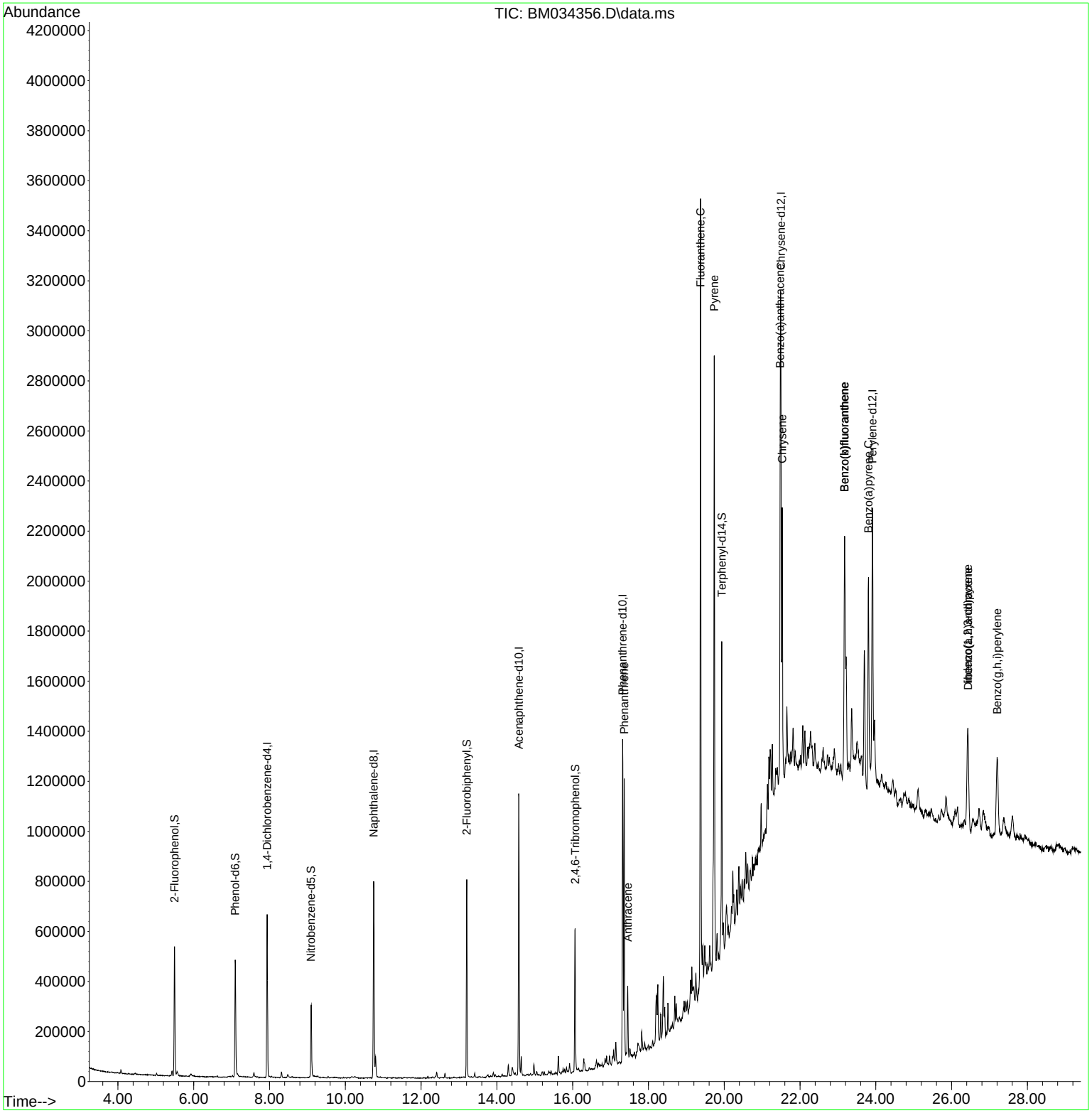
(#) = qualifier out of range (m) = manual integration (+) = signals summed

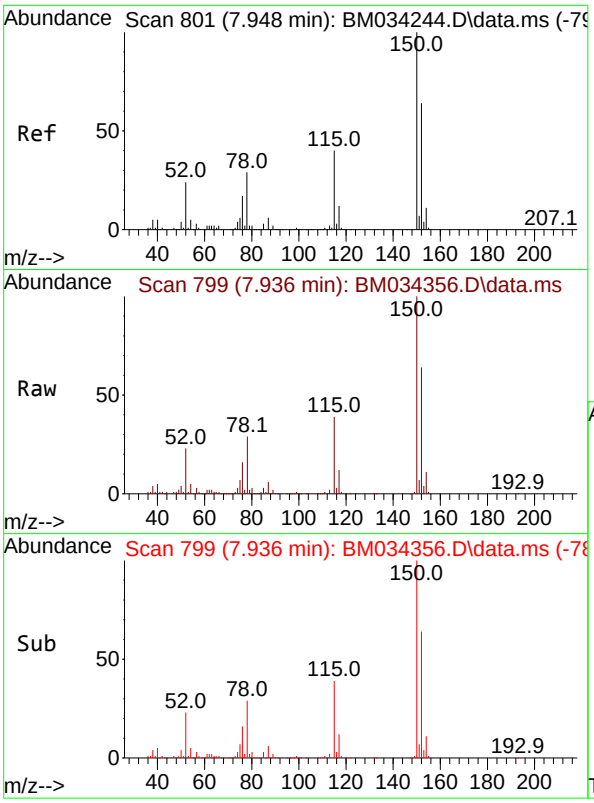
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034356.D
Acq On : 24 Mar 2022 01:34
Operator : CG/JU
Sample : N1958-10 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-10-9-10

Quant Time: Mar 24 02:44:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 02:40:59 2022
Response via : Initial Calibration



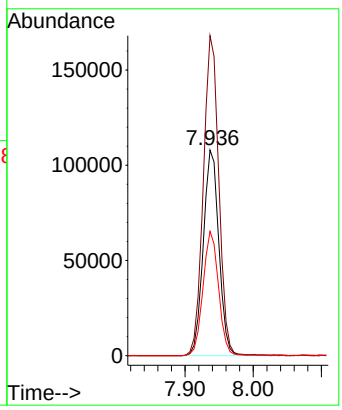


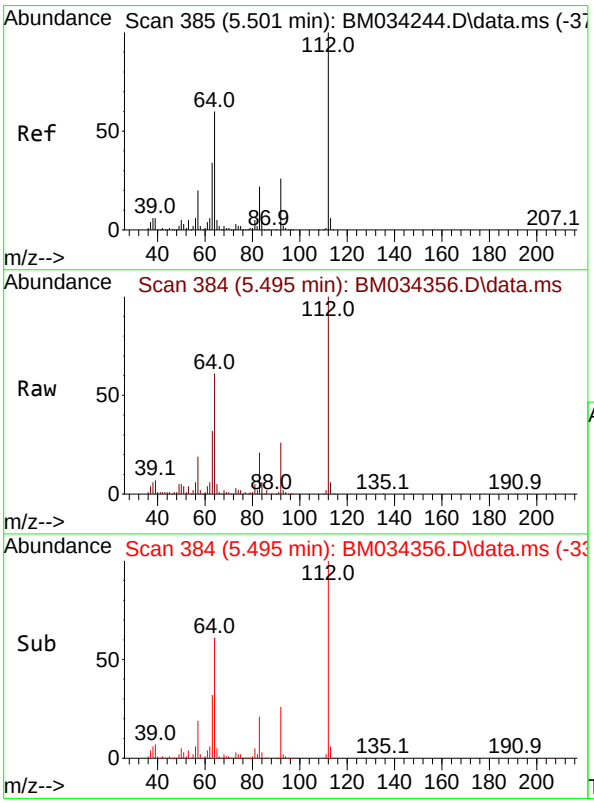
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Instrument :
BNA_M
ClientSampleId :
C-10-9-10

Tgt Ion:152 Resp: 172049

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.4	188.2
115	60.4	50.1	75.1

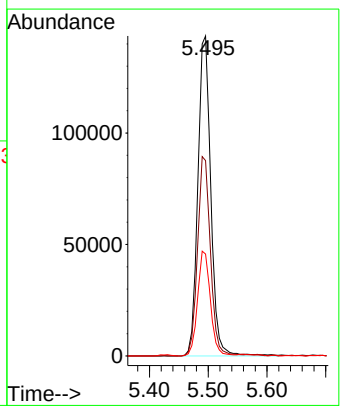


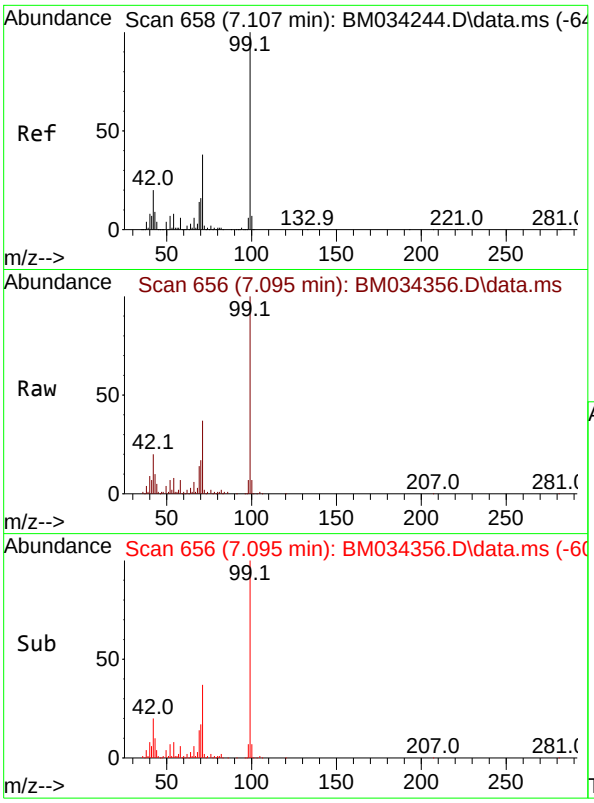


#5
2-Fluorophenol
Concen: 22.928 ng
RT: 5.495 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Tgt Ion:112 Resp: 219887

Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	31.8	27.1	40.7



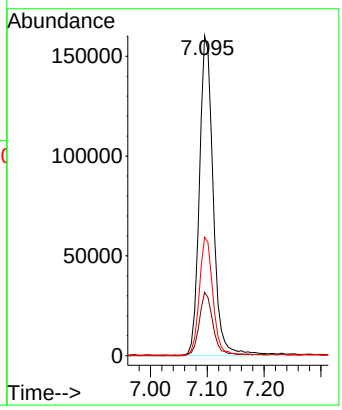


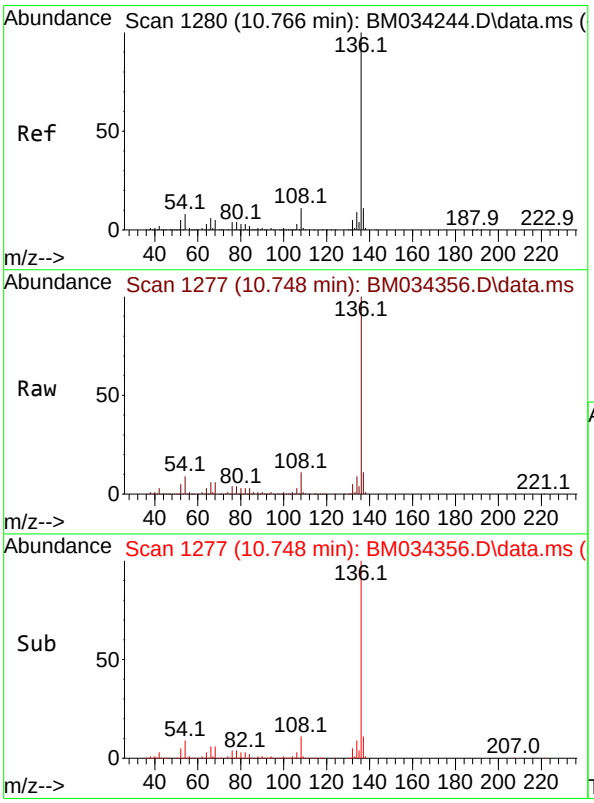
#7
Phenol-d6
Concen: 19.761 ng
RT: 7.095 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Instrument :
BNA_M
ClientSampleId :
C-10-9-10

Tgt Ion: 99 Resp: 271347

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.6	23.4
71	37.0	30.6	46.0

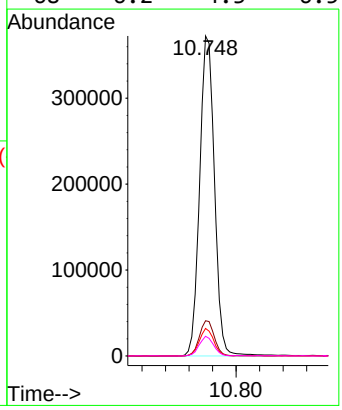


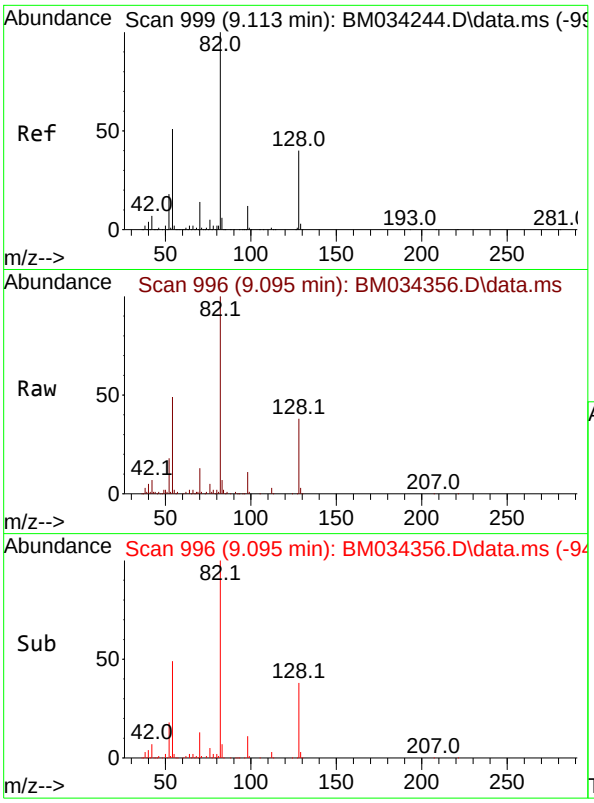


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Tgt Ion:136 Resp: 655253

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.6	6.2	9.4
68	6.2	4.3	6.5



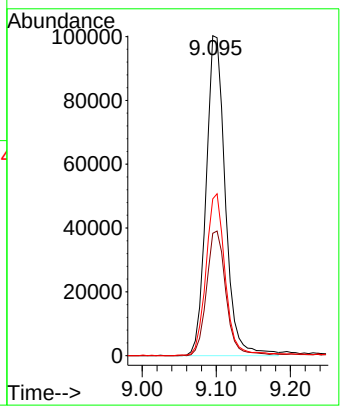


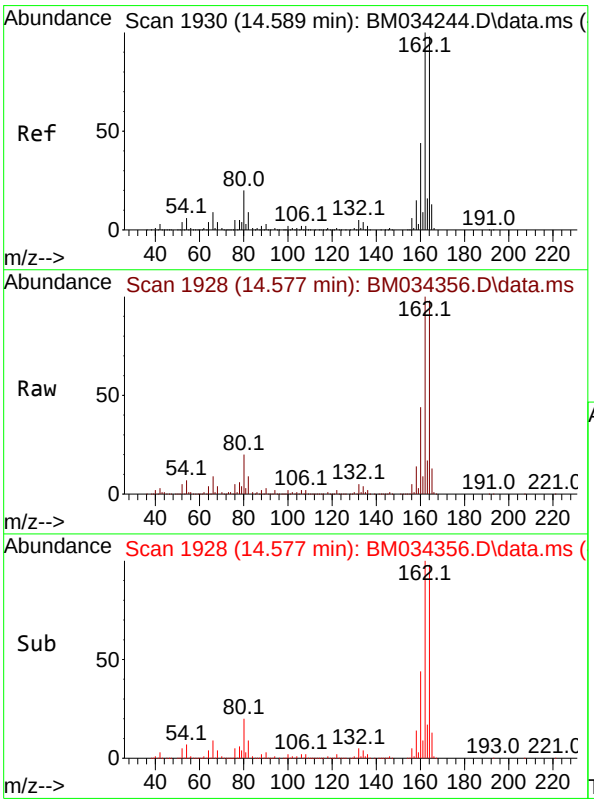
#23
Nitrobenzene-d5
Concen: 13.360 ng
RT: 9.095 min Scan# 9
Delta R.T. -0.012 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Instrument :
BNA_M
ClientSampleId :
C-10-9-10

Tgt Ion: 82 Resp: 179807

Ion	Ratio	Lower	Upper
82	100		
128	38.3	31.9	47.9
54	49.0	40.6	61.0

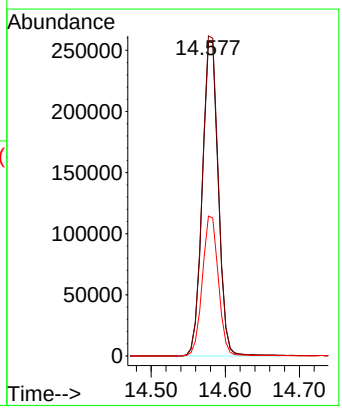


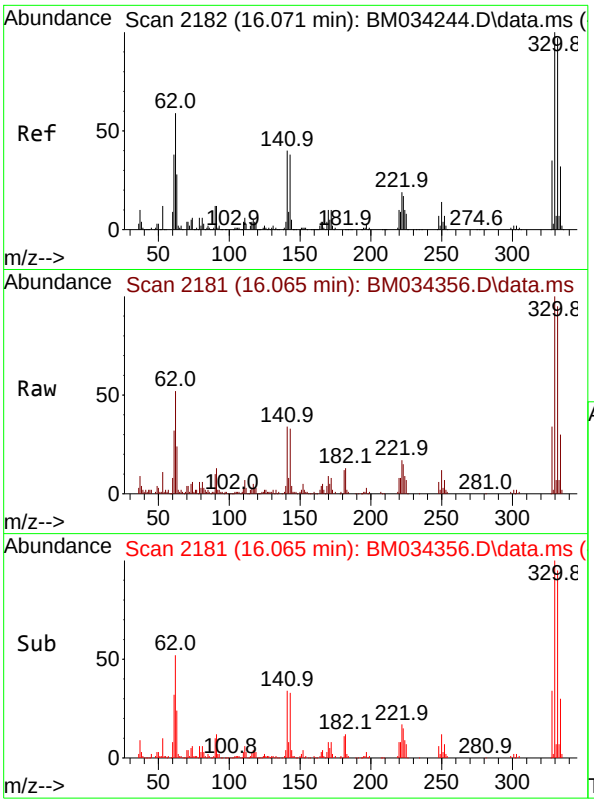


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Tgt Ion:164 Resp: 383878

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.6	122.4
160	44.5	35.6	53.4



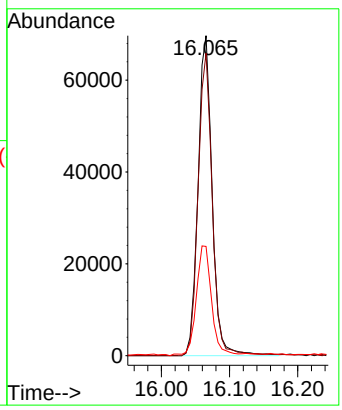


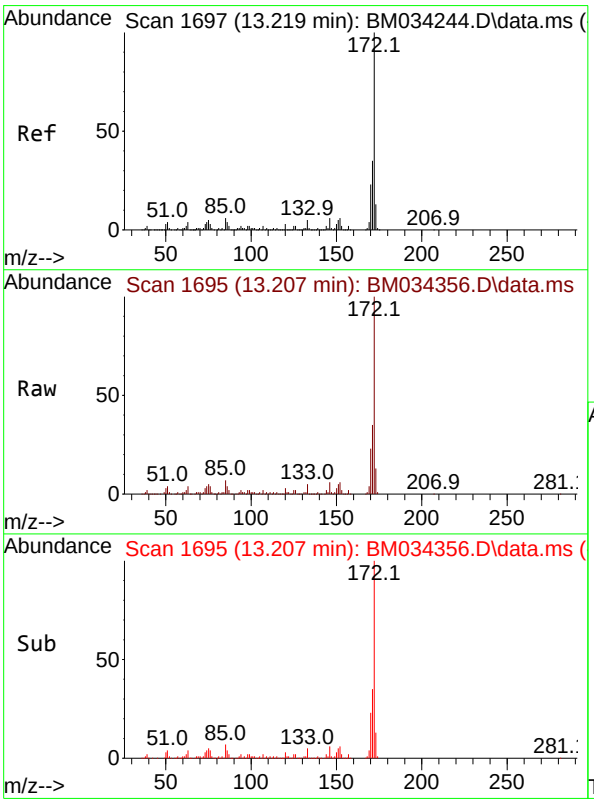
#42
2,4,6-Tribromophenol
Concen: 19.471 ng
RT: 16.065 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Instrument :
BNA_M
ClientSampleId :
C-10-9-10

Tgt Ion:330 Resp: 100748

Ion	Ratio	Lower	Upper
330	100		
332	94.5	78.2	117.4
141	37.1	30.6	45.8

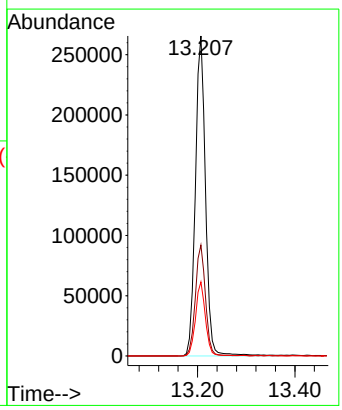


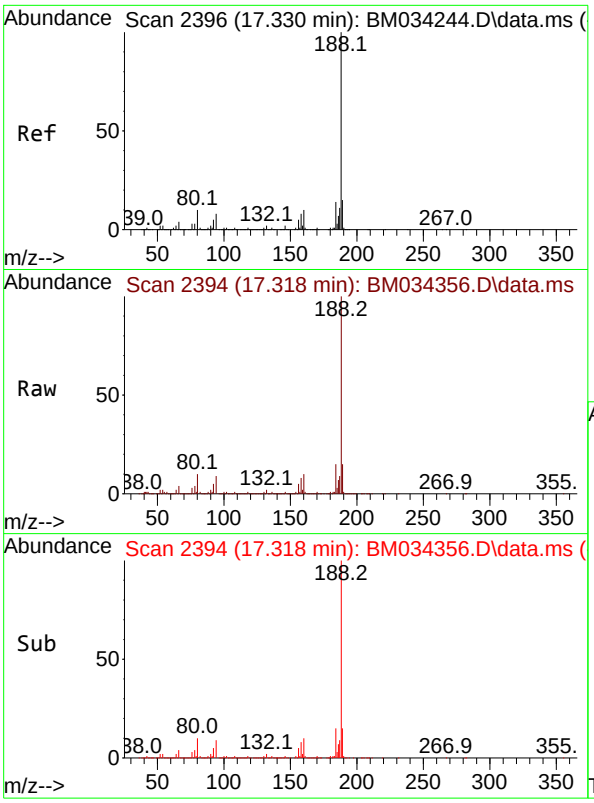


#45
2-Fluorobiphenyl
Concen: 13.749 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Tgt Ion:172 Resp: 386233

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.0	42.0
170	23.2	18.6	28.0



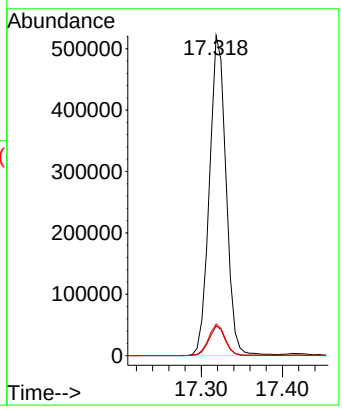


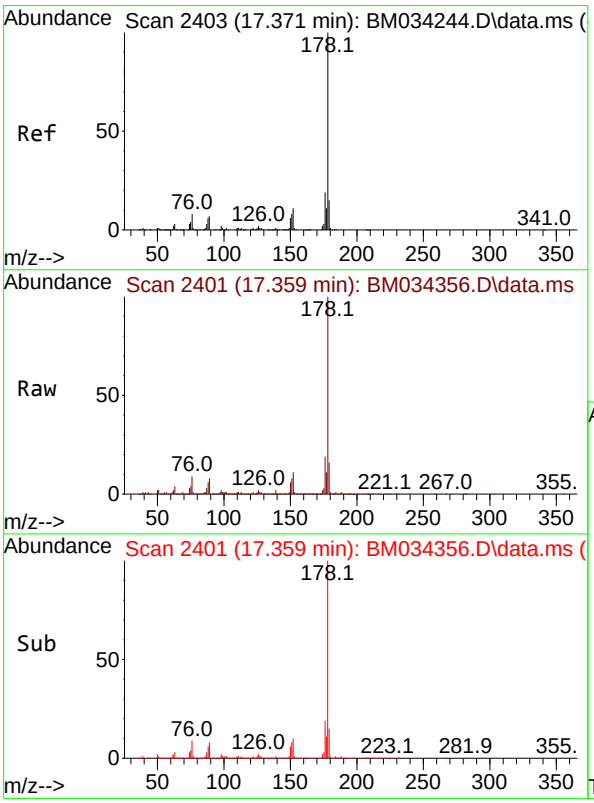
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Instrument :
BNA_M
ClientSampleId :
C-10-9-10

Tgt Ion:188 Resp: 743465

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.6	9.8
80	9.9	7.8	11.8

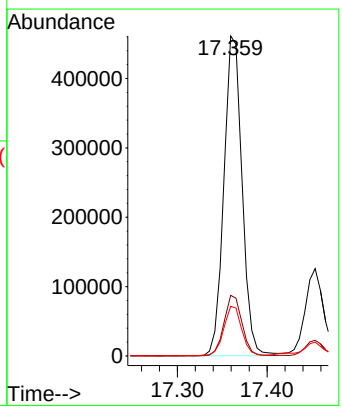


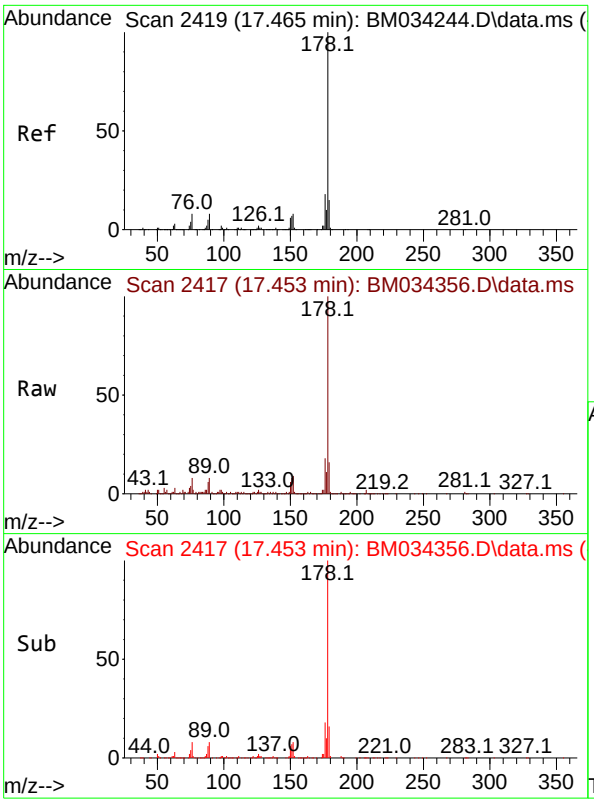


#71
Phenanthrene
Concen: 15.605 ng
RT: 17.359 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Tgt Ion:178 Resp: 649705

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.5	12.2	18.4



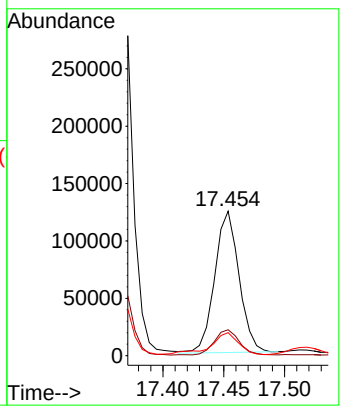


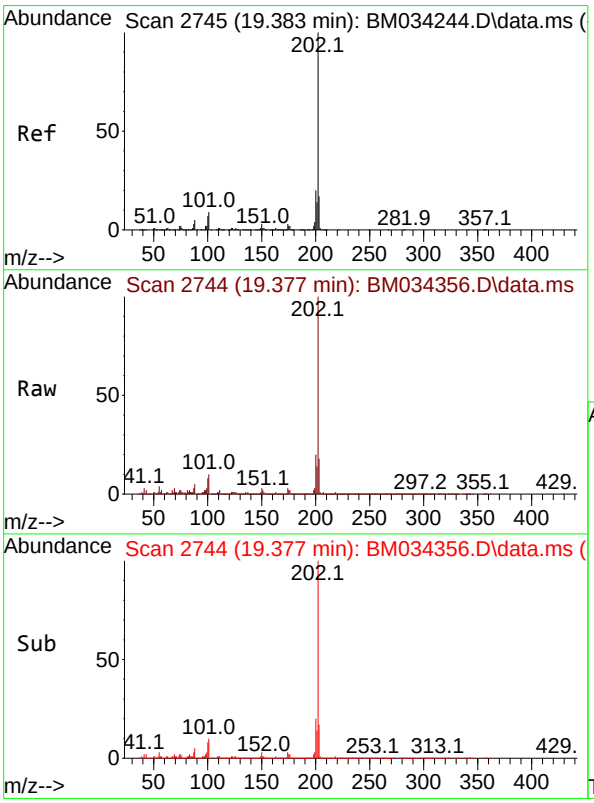
#72
Anthracene
Concen: 4.245 ng
RT: 17.453 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Instrument :
BNA_M
ClientSampleId :
C-10-9-10

Tgt Ion:178 Resp: 172039

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.9	12.2	18.2

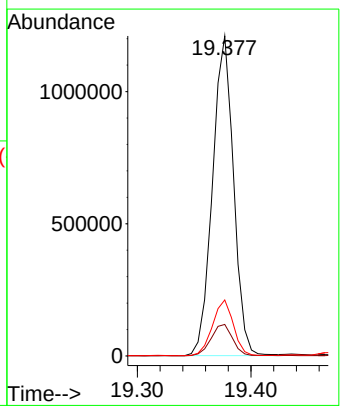


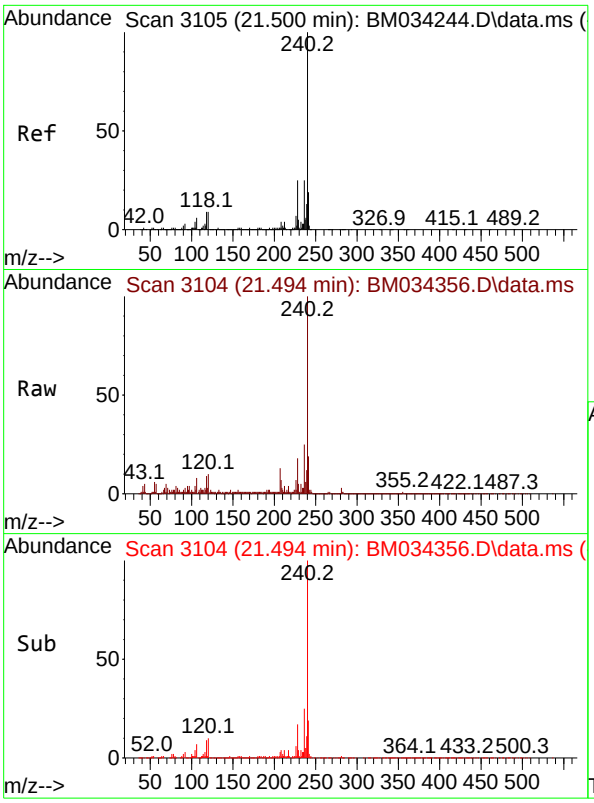


#75
Fluoranthene
Concen: 33.433 ng
RT: 19.377 min Scan# 2744
Delta R.T. -0.000 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Tgt Ion:202 Resp: 1560461

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.4
203	17.5	0.0	37.1



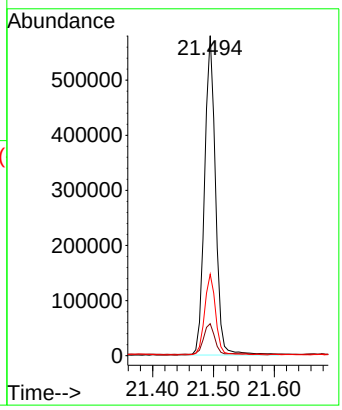


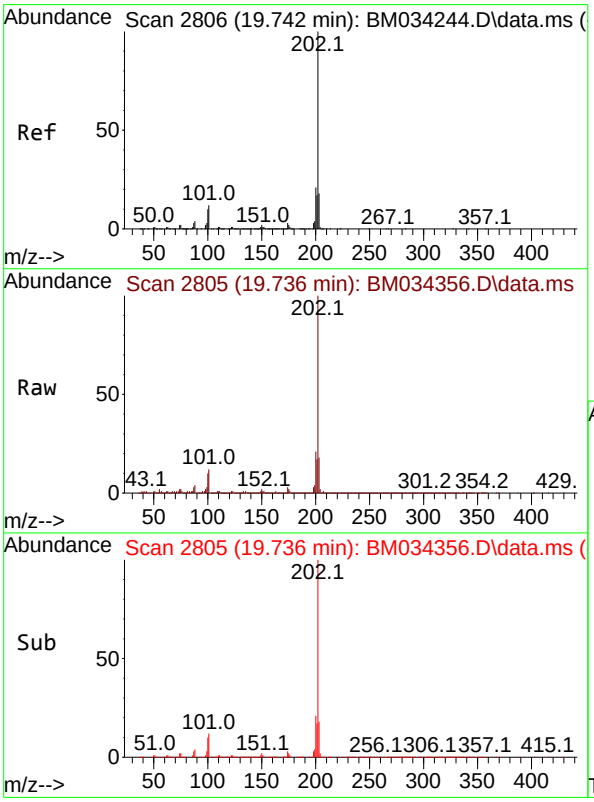
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.494 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Instrument :
BNA_M
ClientSampleId :
C-10-9-10

Tgt Ion:240 Resp: 725524

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.3	10.9
236	25.5	20.2	30.2

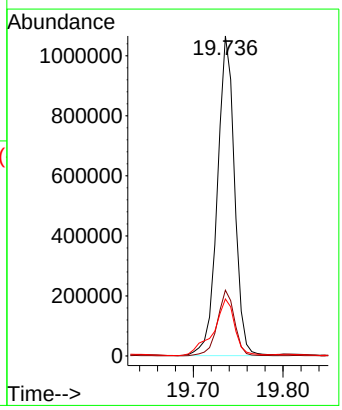


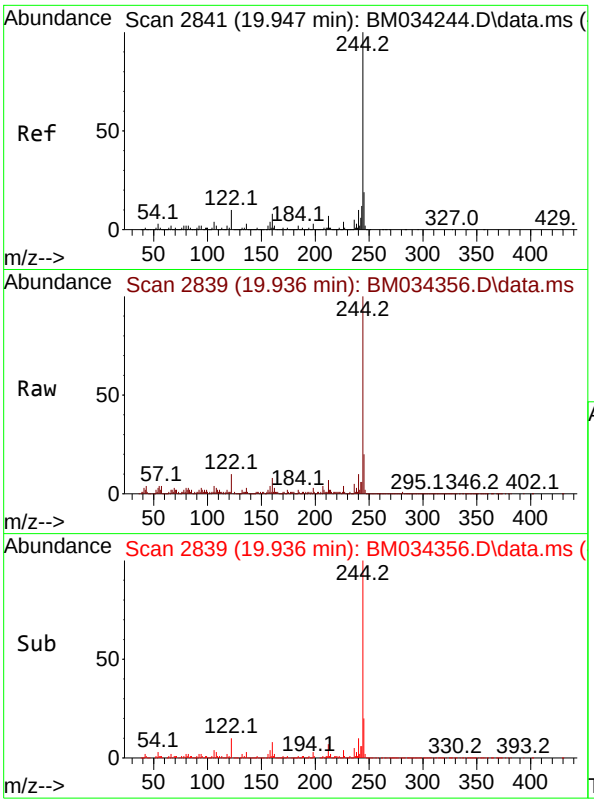


#78
Pyrene
Concen: 27.729 ng
RT: 19.736 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Tgt Ion:202 Resp: 1417448

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	17.8	14.1	21.1



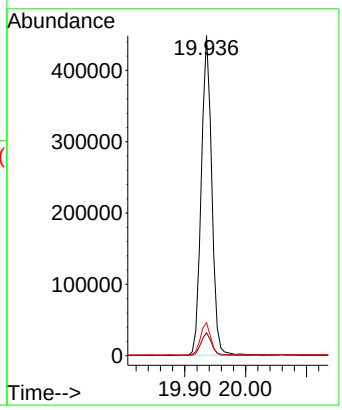


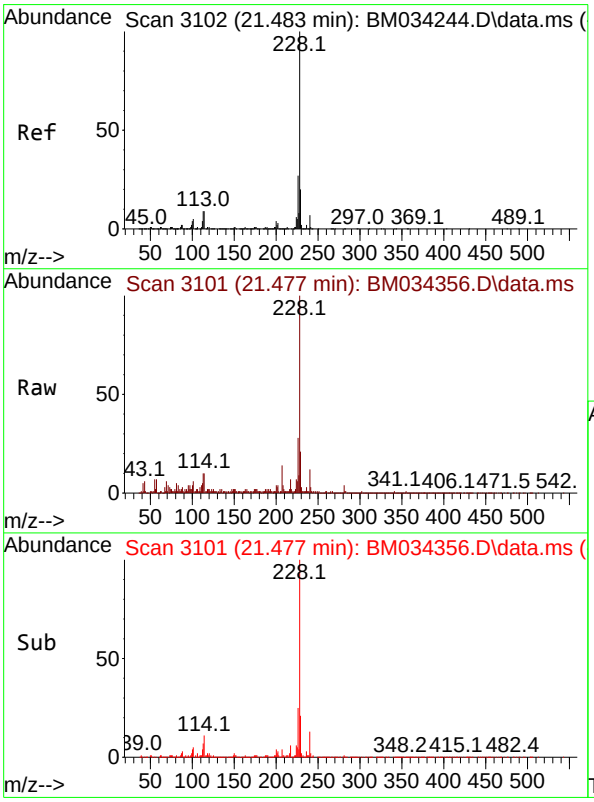
#79
Terphenyl-d14
Concen: 12.853 ng
RT: 19.936 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Instrument :
BNA_M
ClientSampleId :
C-10-9-10

Tgt Ion:244 Resp: 536671

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.3	7.8	11.8

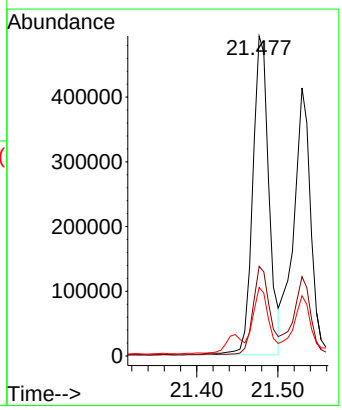


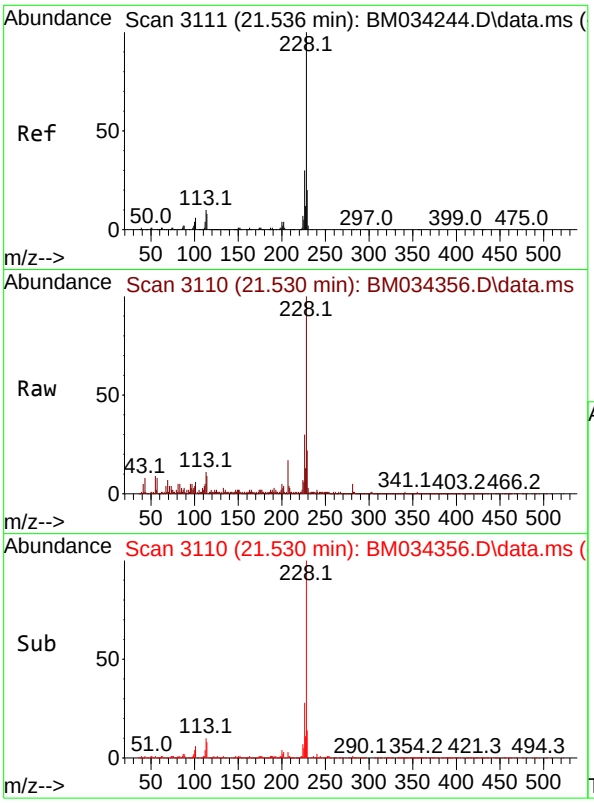


#81
Benzo(a)anthracene
Concen: 14.958 ng
RT: 21.477 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Tgt Ion:228 Resp: 684947

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.6	32.4
229	21.4	15.8	23.6



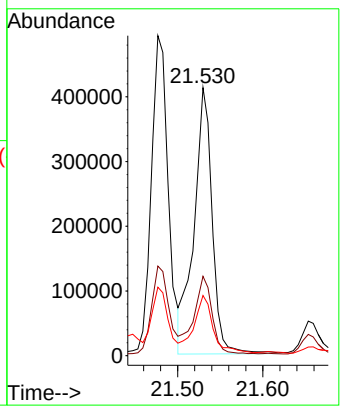


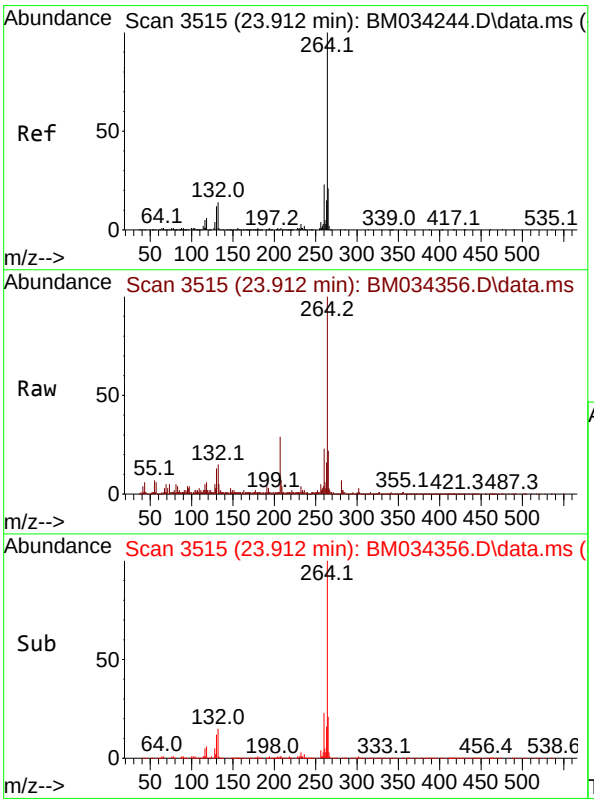
#83
Chrysene
Concen: 13.134 ng
RT: 21.530 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Instrument :
BNA_M
ClientSampleId :
C-10-9-10

Tgt Ion:228 Resp: 614180

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	22.5	15.6	23.4

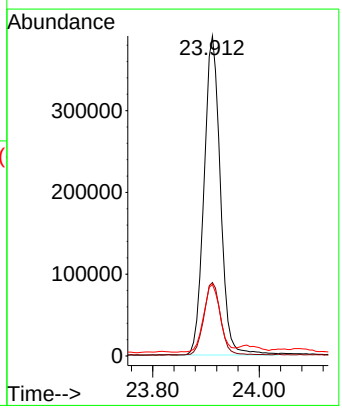


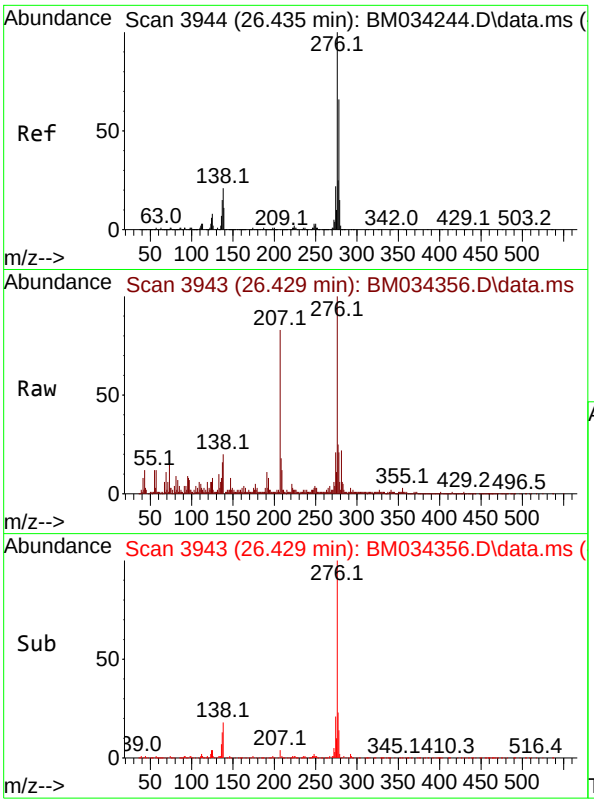


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.912 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Tgt Ion:264 Resp: 830138

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	22.3	17.6	26.4



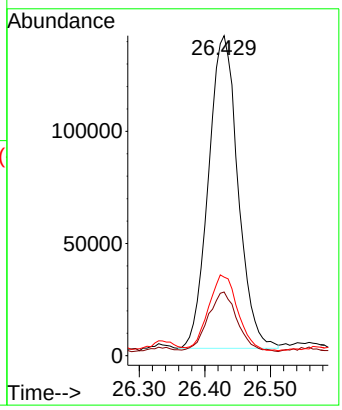


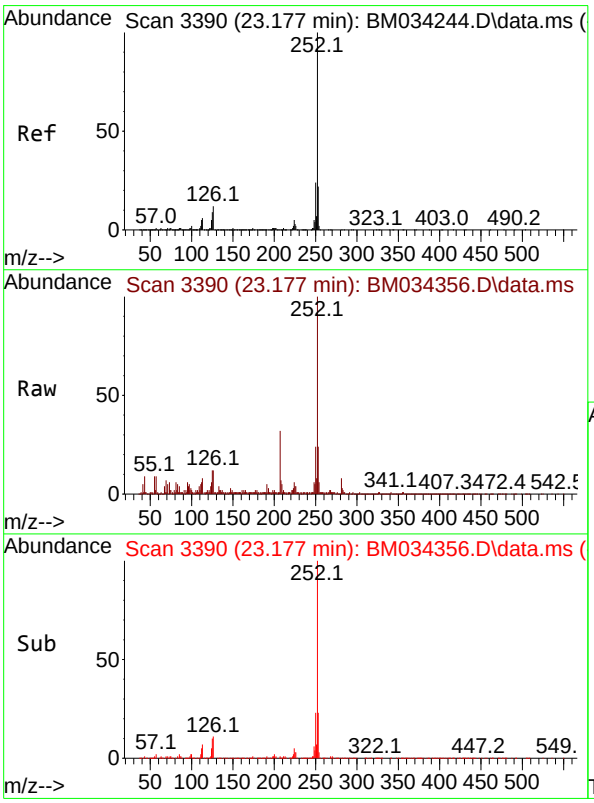
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.159 ng
RT: 26.429 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Instrument :
BNA_M
ClientSampleId :
C-10-9-10

Tgt Ion:276 Resp: 435718

Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.6	25.0
277	23.7	19.8	29.6

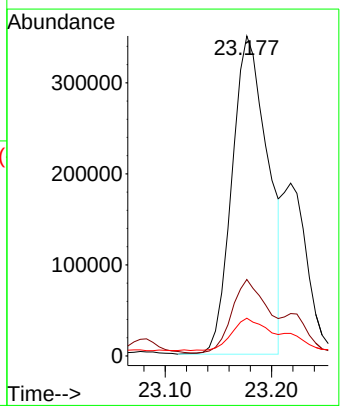


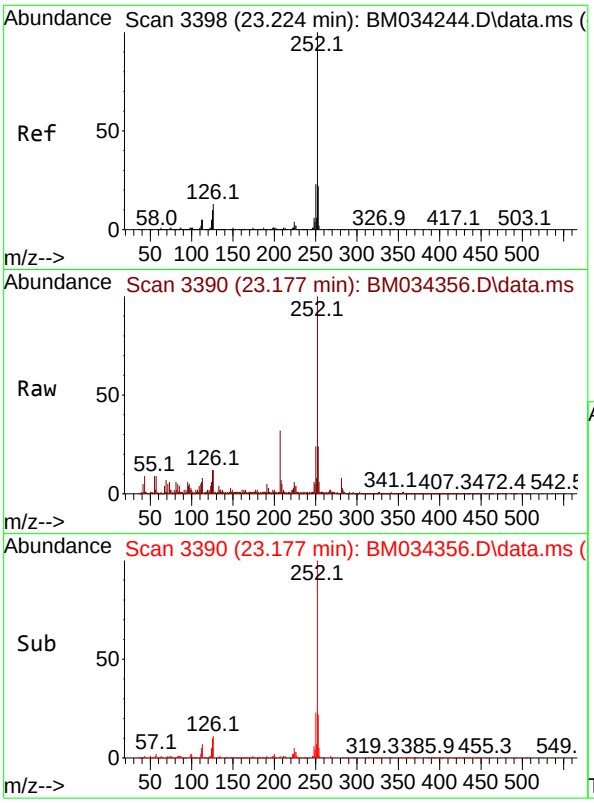


#88
Benzo(b)fluoranthene
Concen: 16.552 ng
RT: 23.177 min Scan# 3390
Delta R.T. 0.006 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Tgt Ion:252 Resp: 821648

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	11.8	7.2	10.8#



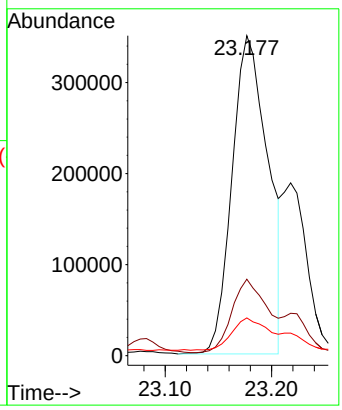


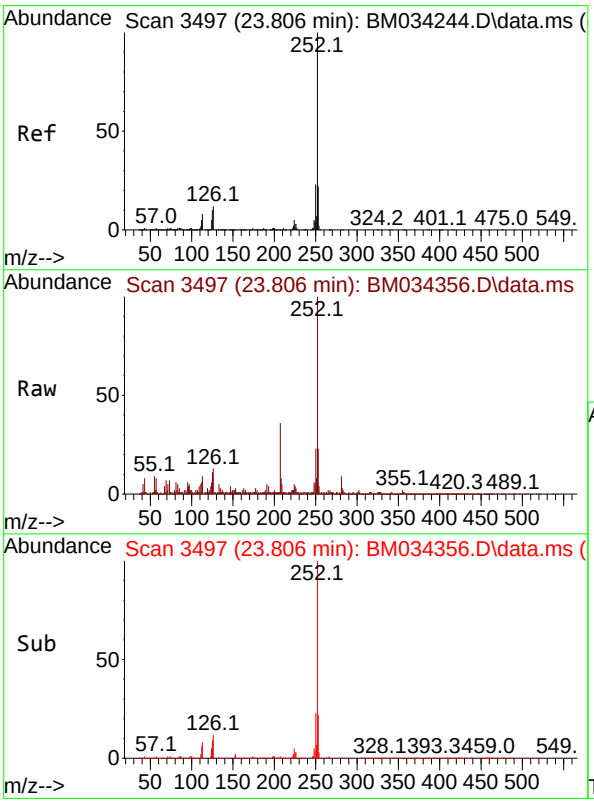
#89
Benzo(k)fluoranthene
Concen: 15.625 ng
RT: 23.177 min Scan# 3
Delta R.T. -0.047 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Instrument :
BNA_M
ClientSampleId :
C-10-9-10

Tgt Ion:252 Resp: 821648

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	11.8	7.5	11.3#

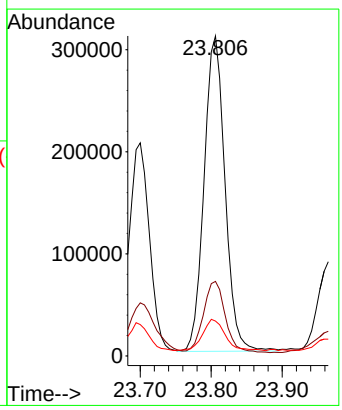


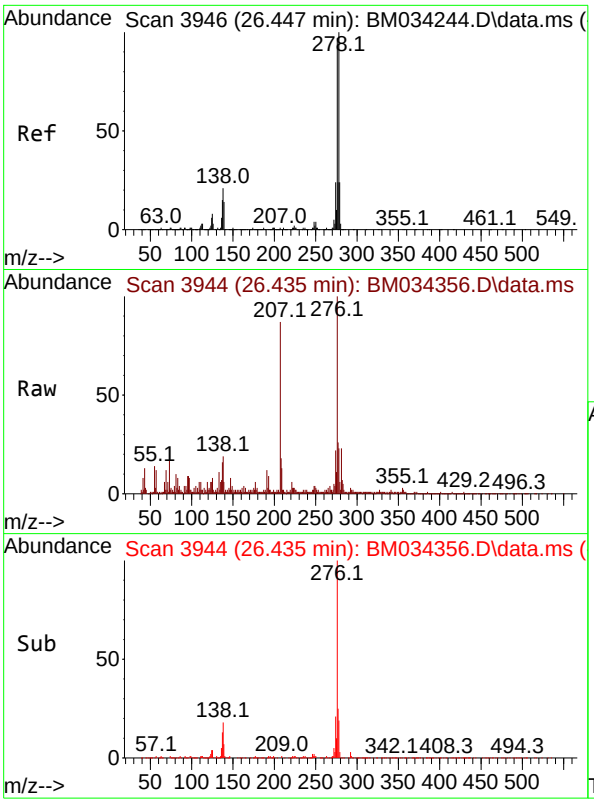


#90
Benzo(a)pyrene
Concen: 15.054 ng
RT: 23.806 min Scan# 3497
Delta R.T. 0.006 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Tgt Ion:252 Resp: 633486

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	10.9	7.8	11.6



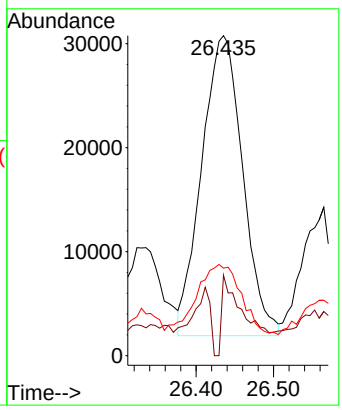


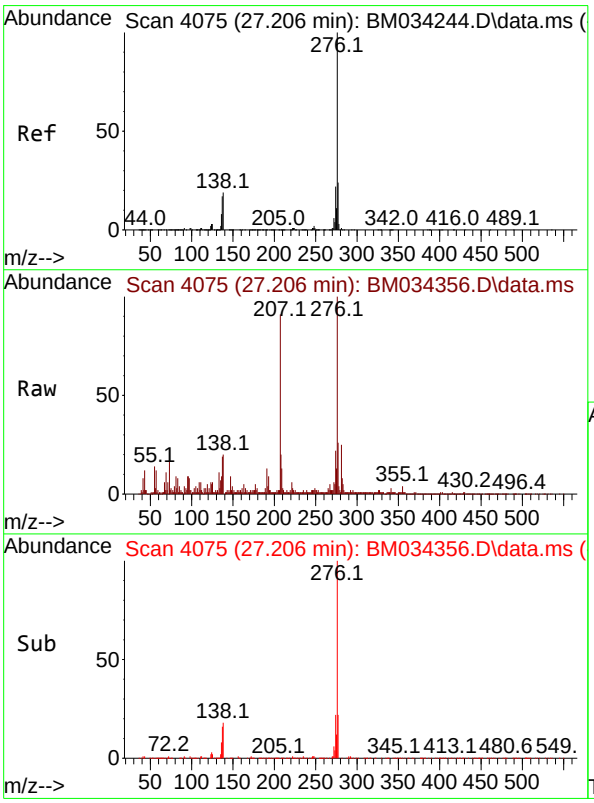
#91
Dibenzo(a,h)anthracene
Concen: 2.454 ng
RT: 26.435 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Instrument :
BNA_M
ClientSampleId :
C-10-9-10

Tgt Ion:278 Resp: 106256

Ion	Ratio	Lower	Upper
278	100		
139	25.2	11.2	16.8#
279	27.3	19.2	28.8





#92
Benzo(g,h,i)perylene
Concen: 10.184 ng
RT: 27.206 min Scan# 4075
Delta R.T. 0.006 min
Lab File: BM034356.D
Acq: 24 Mar 2022 01:34

Tgt Ion:276 Resp: 456416

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.0	28.4
138	19.7	15.6	23.4