Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080322\
Data File : BM036086.D
Acq On : 03 Aug 2022 20:07
Operator : CG/JU
Sample : N3927-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-81

Quant Time: Aug 04 01:31:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	189556	20.000	ng		0.00
21) Naphthalene-d8	10.669	136	915869	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	638085	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1461289	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1753804	20.000	ng		0.00
86) Perylene-d12	23.791	264	2109735	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1460258	124.895	ng		0.00
7) Phenol-d6	7.034	99	2021854	135.904	ng		0.00
23) Nitrobenzene-d5	9.033	82	1188060	72.613	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	1022561	136.604	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	3019555	69.870	ng		0.00
79) Terphenyl-d14	19.868	244	6092380	68.519	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.716	128	104800	2.302	ng		99
37) 2-Methylnaphthalene	12.327	142	94399	3.115	ng		98
38) 1-Methylnaphthalene	12.551	142	78422	2.643	ng		96
71) Phenanthrene	17.286	178	221264	2.972	ng		98
75) Fluoranthene	19.297	202	494077	5.929	ng		98
78) Pyrene	19.662	202	466962	4.294	ng		99
81) Benzo(a)anthracene	21.409	228	308320	2.854	ng		96
83) Chrysene	21.462	228	340624	3.317	ng		97
88) Benzo(b)fluoranthene	23.068	252	494553	4.001	ng	#	93
89) Benzo(k)fluoranthene	23.068	252	494553	3.961	ng	#	93
90) Benzo(a)pyrene	23.685	252	307563	2.966	ng	#	96

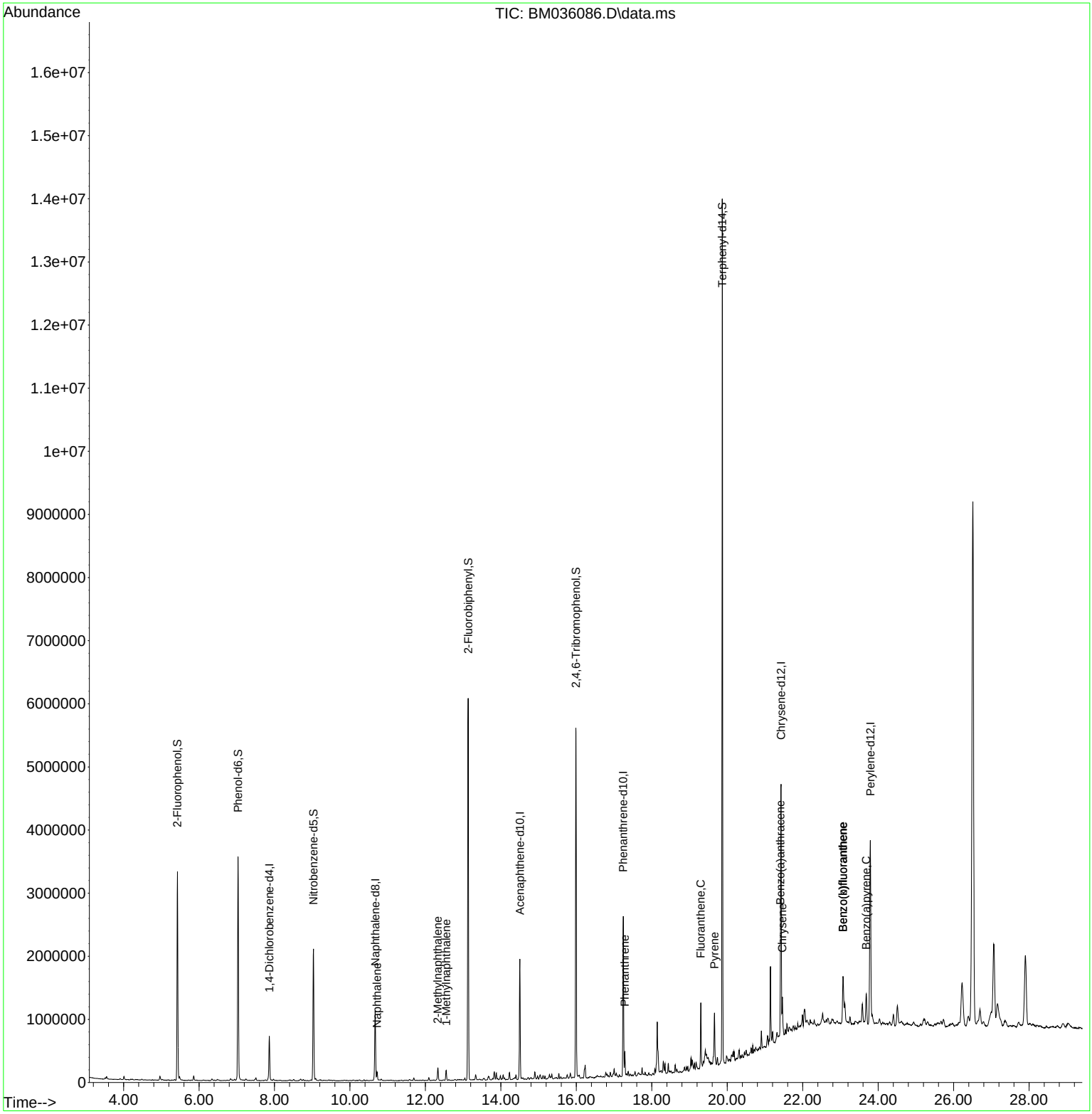
(#) = qualifier out of range (m) = manual integration (+) = signals summed

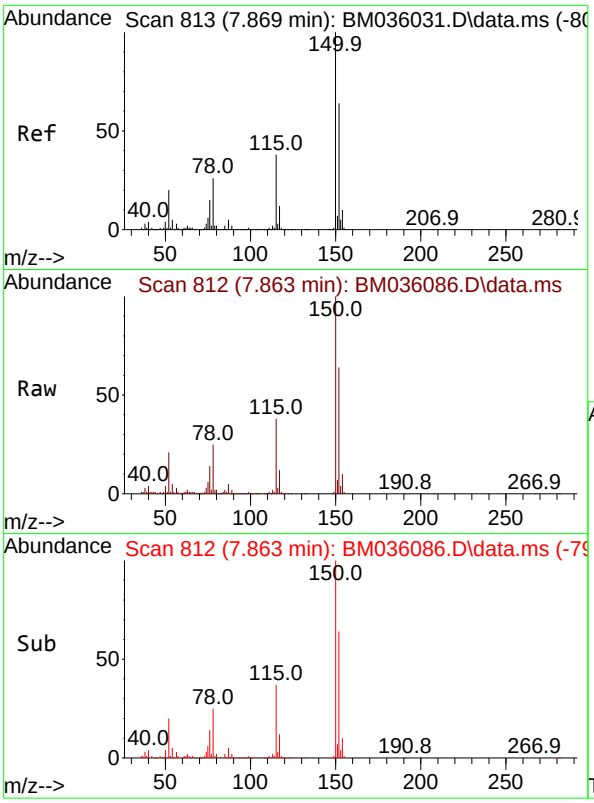
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080322\
Data File : BM036086.D
Acq On : 03 Aug 2022 20:07
Operator : CG/JU
Sample : N3927-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-81

Quant Time: Aug 04 01:31:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 2022
Response via : Initial Calibration



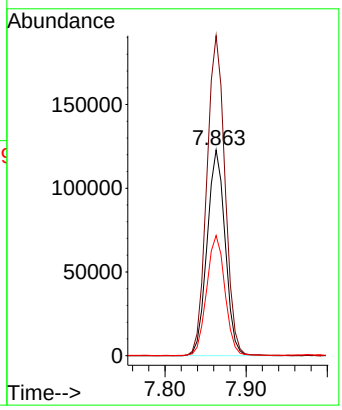


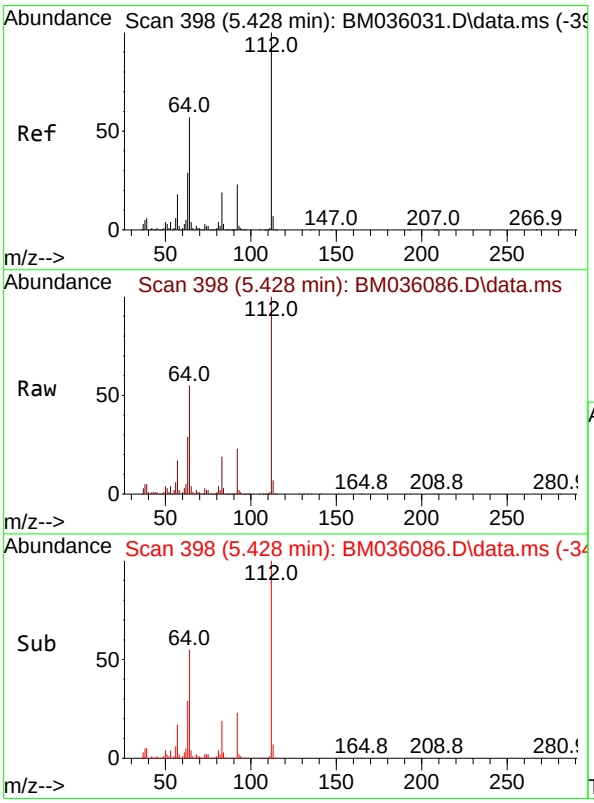
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Instrument :
BNA_M
ClientSampleId :
RVE-81

Tgt Ion:152 Resp: 189556

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.9	187.3
115	58.4	47.9	71.9

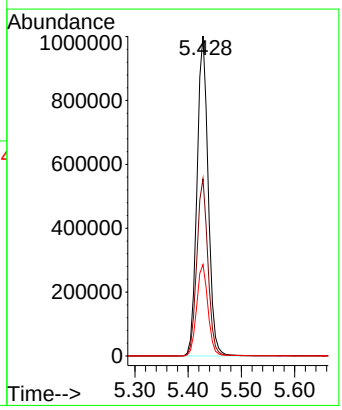


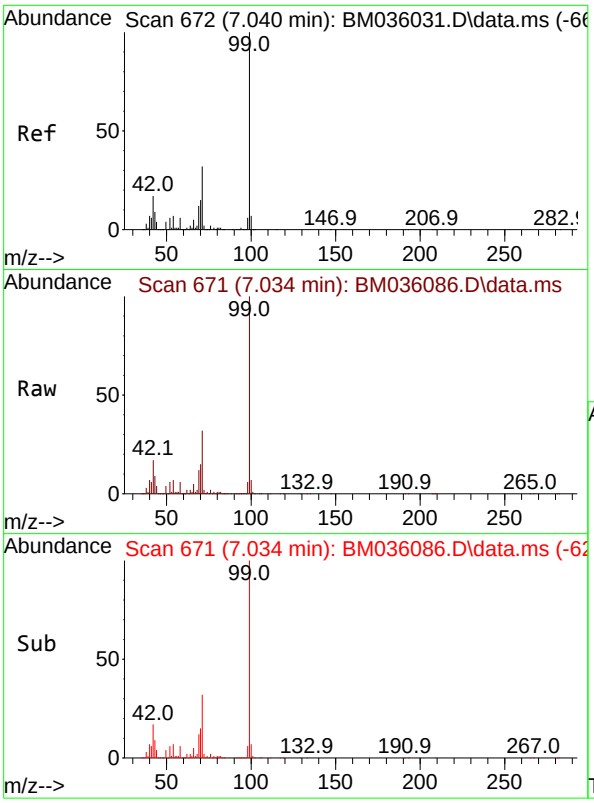


#5
2-Fluorophenol
Concen: 124.895 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Tgt Ion:112 Resp: 1460258

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.8	71.6
63	28.6	26.6	40.0



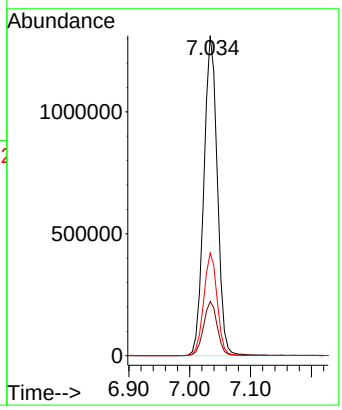


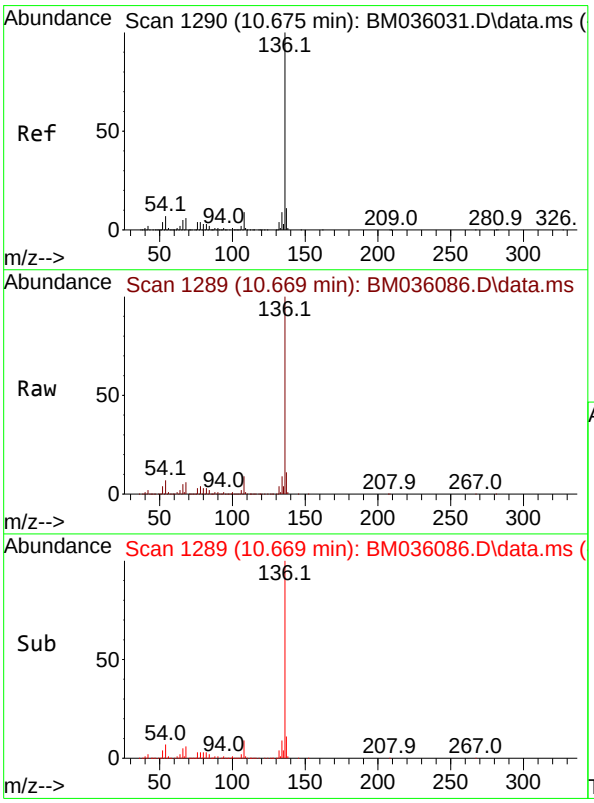
#7
Phenol-d6
Concen: 135.904 ng
RT: 7.034 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Instrument :
BNA_M
ClientSampleId :
RVE-81

Tgt Ion: 99 Resp: 2021854

Ion	Ratio	Lower	Upper
99	100		
42	16.9	18.8	28.2#
71	32.1	30.2	45.2

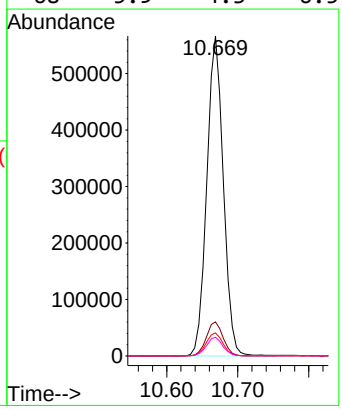


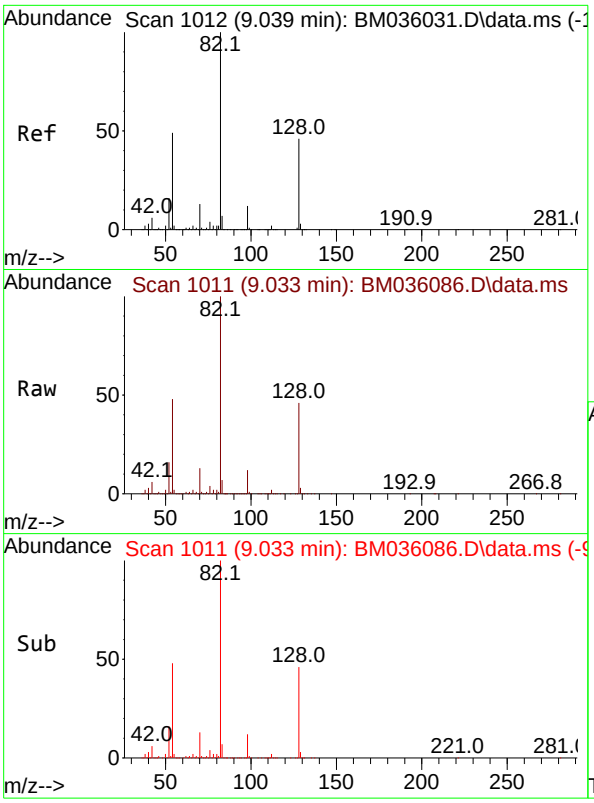


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Tgt Ion:136 Resp: 915869

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.2	7.0	10.4
68	5.9	4.3	6.5



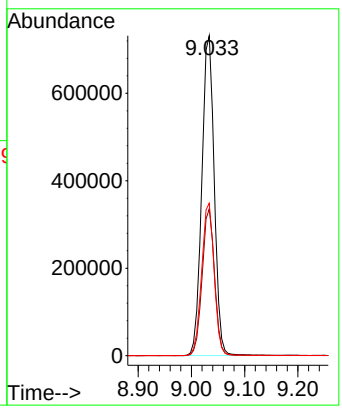


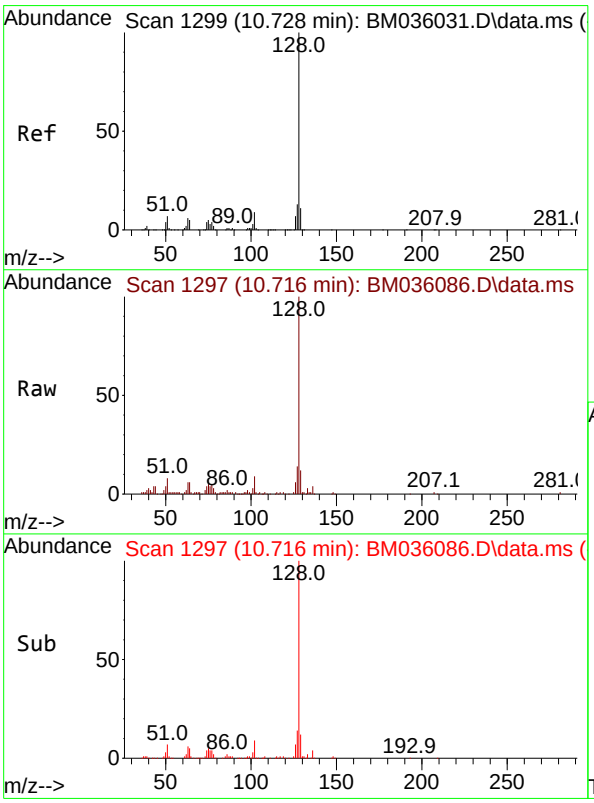
#23
Nitrobenzene-d5
Concen: 72.613 ng
RT: 9.033 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Instrument :
BNA_M
ClientSampleId :
RVE-81

Tgt Ion: 82 Resp: 1188060

Ion	Ratio	Lower	Upper
82	100		
128	45.8	33.7	50.5
54	47.7	43.2	64.8

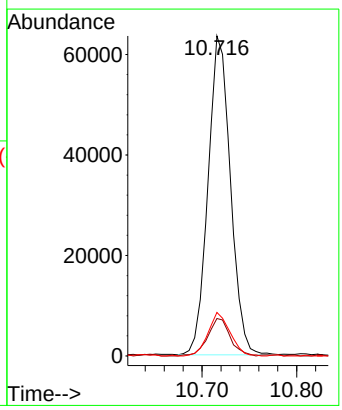


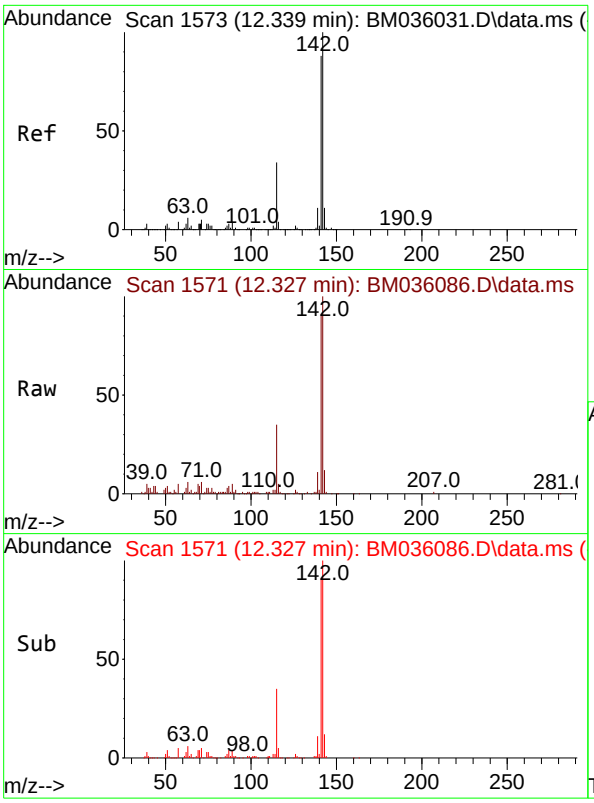


#31
Naphthalene
Concen: 2.302 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Tgt Ion:128 Resp: 104800

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.7	13.1
127	13.6	10.6	16.0



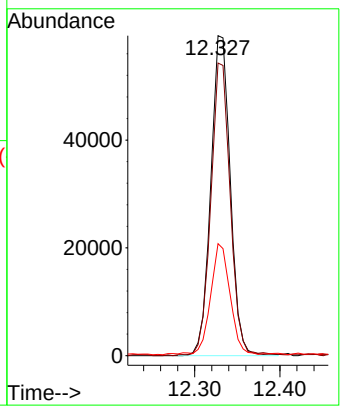


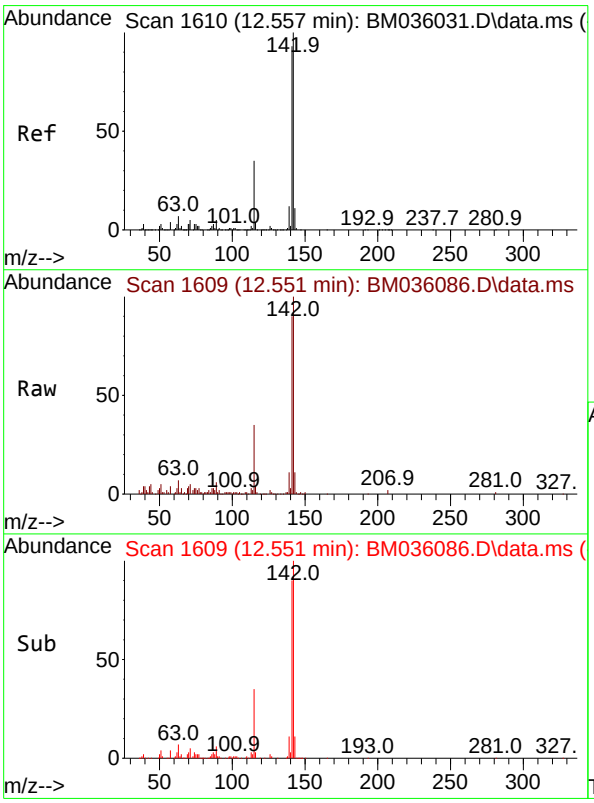
#37
2-Methylnaphthalene
Concen: 3.115 ng
RT: 12.327 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Instrument :
BNA_M
ClientSampleId :
RVE-81

Tgt Ion:142 Resp: 94399

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.4	108.6
115	35.0	29.6	44.4

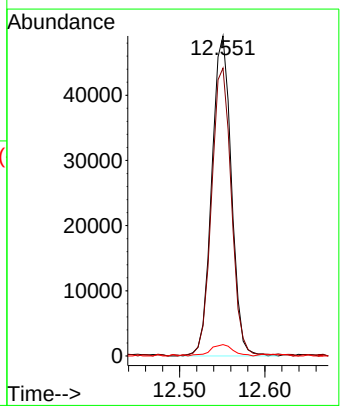


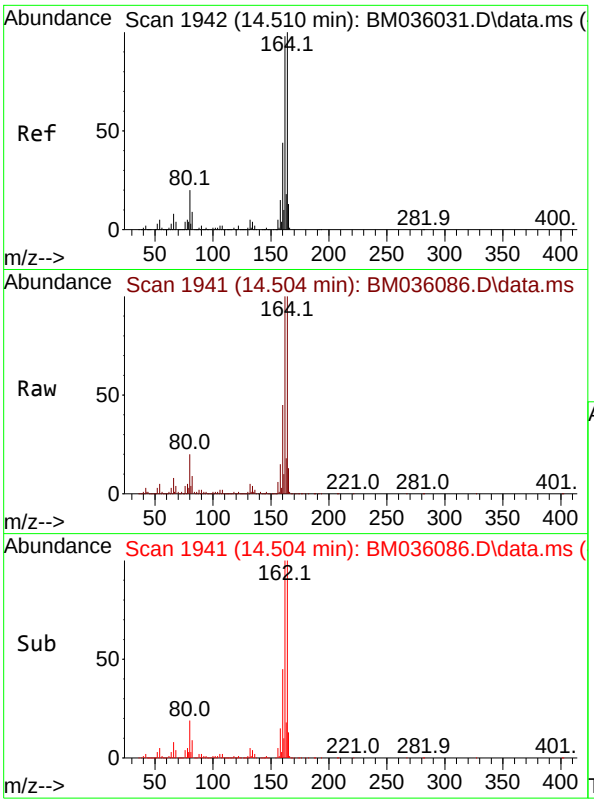


#38
1-Methylnaphthalene
Concen: 2.643 ng
RT: 12.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Tgt Ion:142 Resp: 78422

Ion	Ratio	Lower	Upper
142	100		
141	90.0	75.0	112.4
116	3.5	3.4	5.2



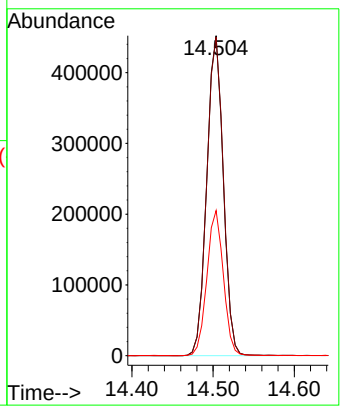


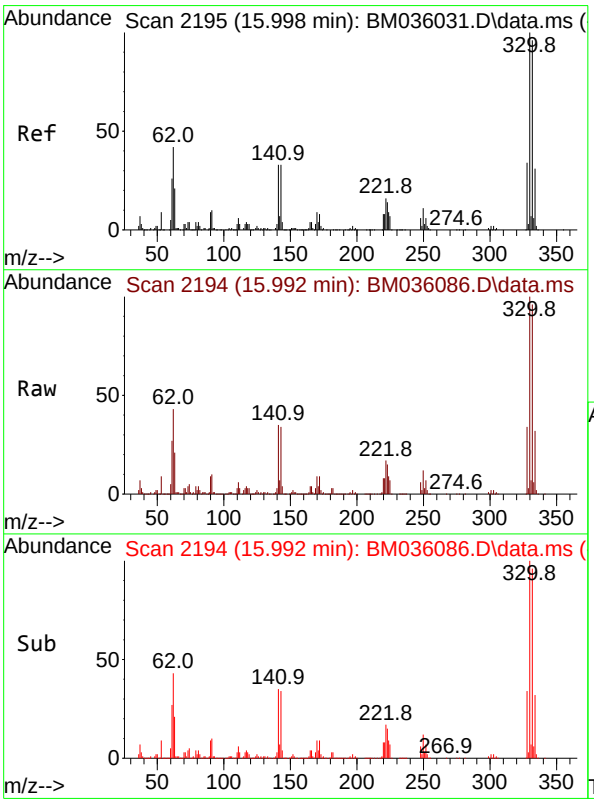
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Instrument :
BNA_M
ClientSampleId :
RVE-81

Tgt Ion:164 Resp: 638085

Ion	Ratio	Lower	Upper
164	100		
162	99.6	83.0	124.6
160	45.3	37.0	55.4

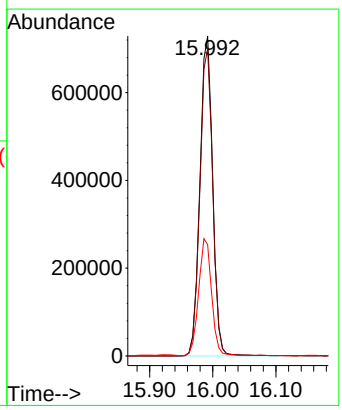


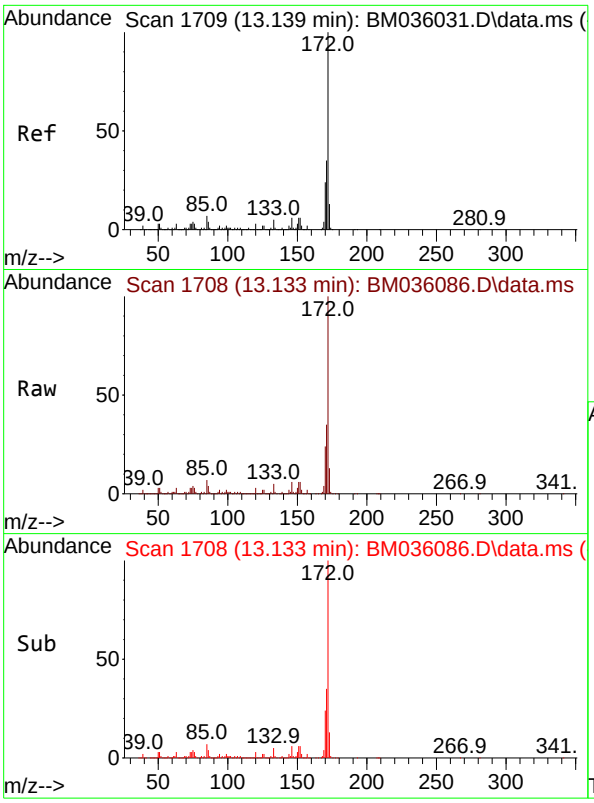


#42
2,4,6-Tribromophenol
Concen: 136.604 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Tgt Ion:330 Resp: 1022561

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.4
141	37.0	35.3	52.9



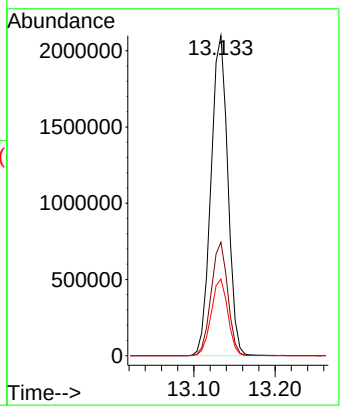


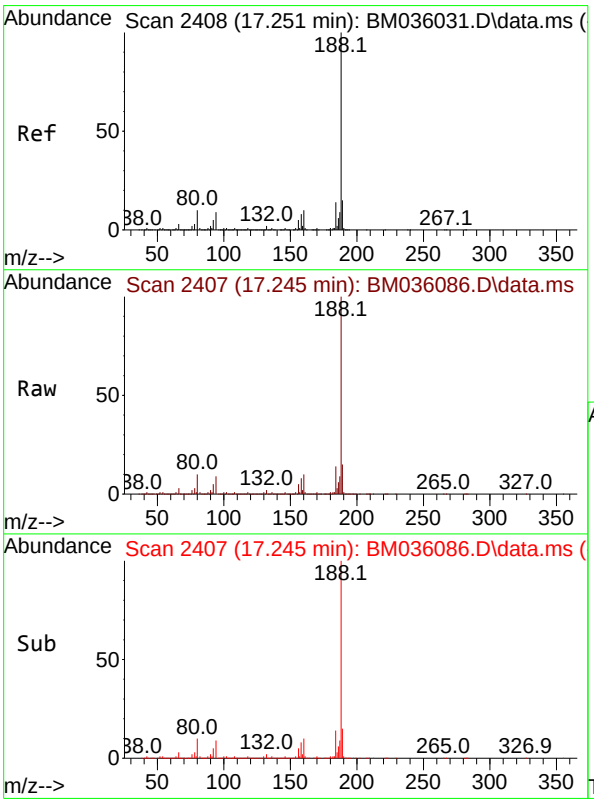
#45
2-Fluorobiphenyl
Concen: 69.870 ng
RT: 13.133 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Instrument :
BNA_M
ClientSampleId :
RVE-81

Tgt Ion:172 Resp: 3019555

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	24.0	18.7	28.1

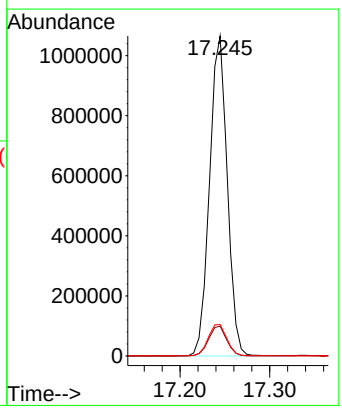


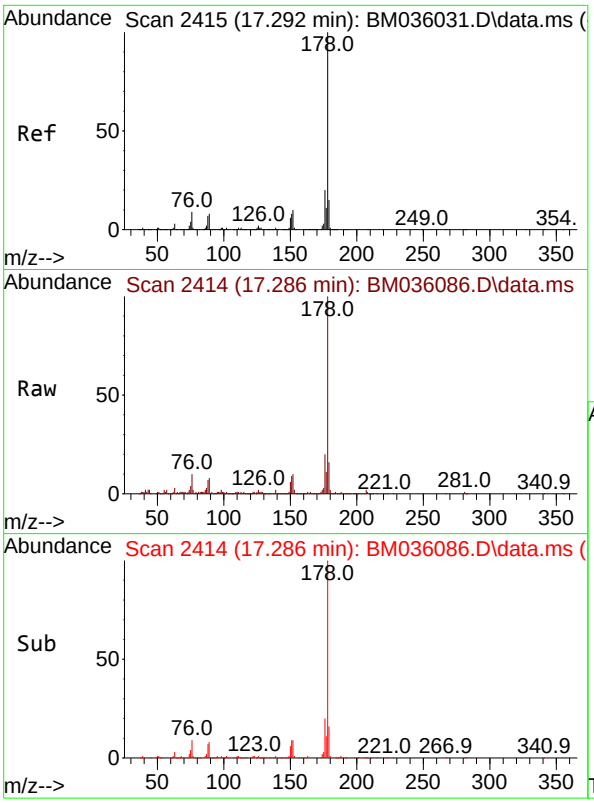


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Tgt Ion:188 Resp: 1461289

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.4
80	9.8	7.6	11.4



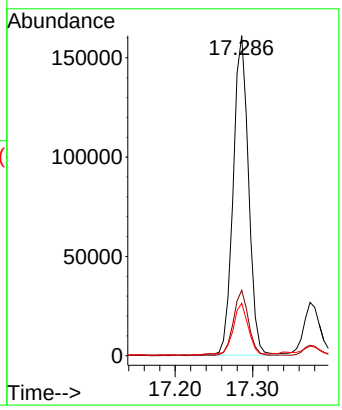


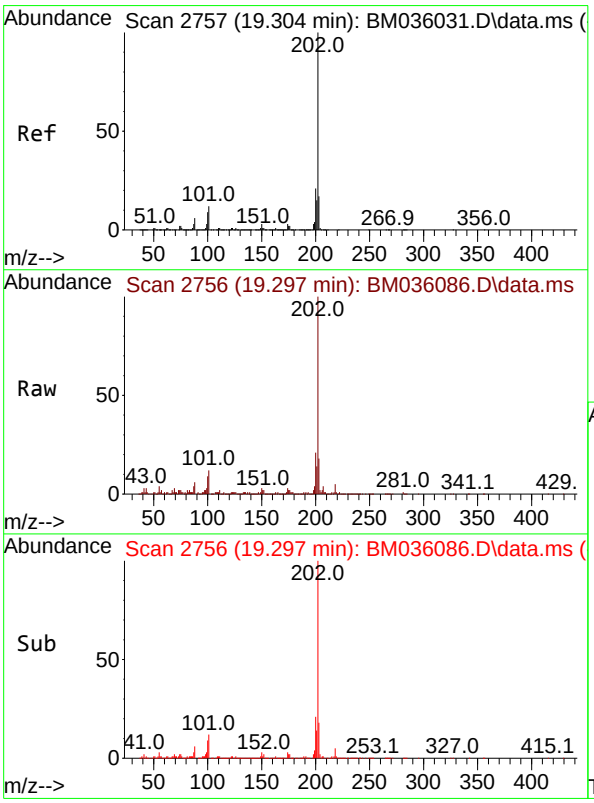
#71
Phenanthrene
Concen: 2.972 ng
RT: 17.286 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Instrument :
BNA_M
ClientSampleId :
RVE-81

Tgt Ion:178 Resp: 221264

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.0
179	16.4	12.4	18.6

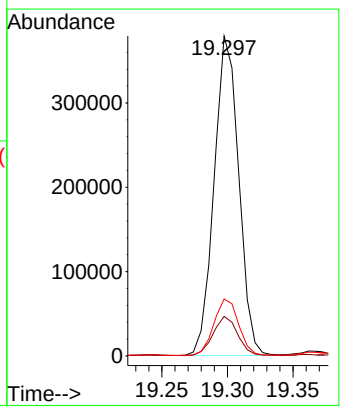


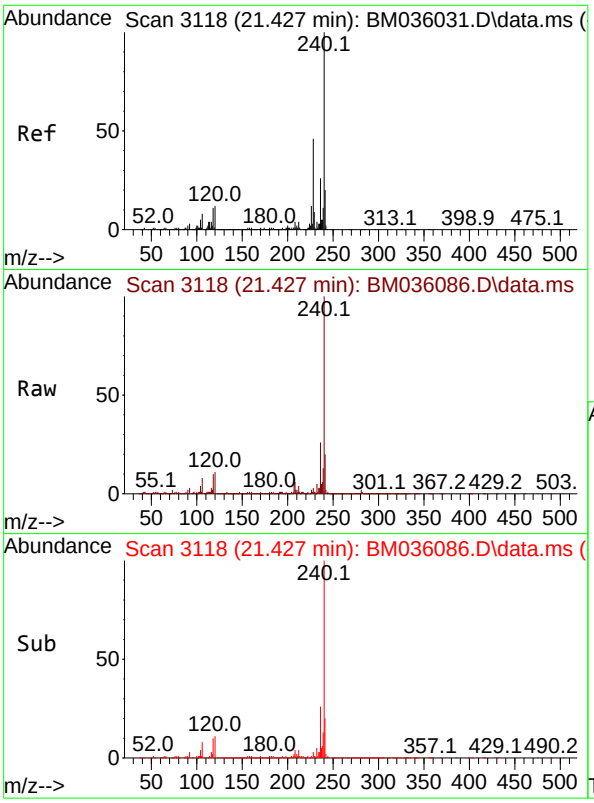


#75
Fluoranthene
Concen: 5.929 ng
RT: 19.297 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Tgt Ion:202 Resp: 494077

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.6
203	17.8	0.0	37.4



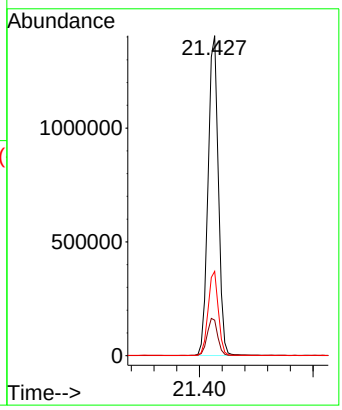


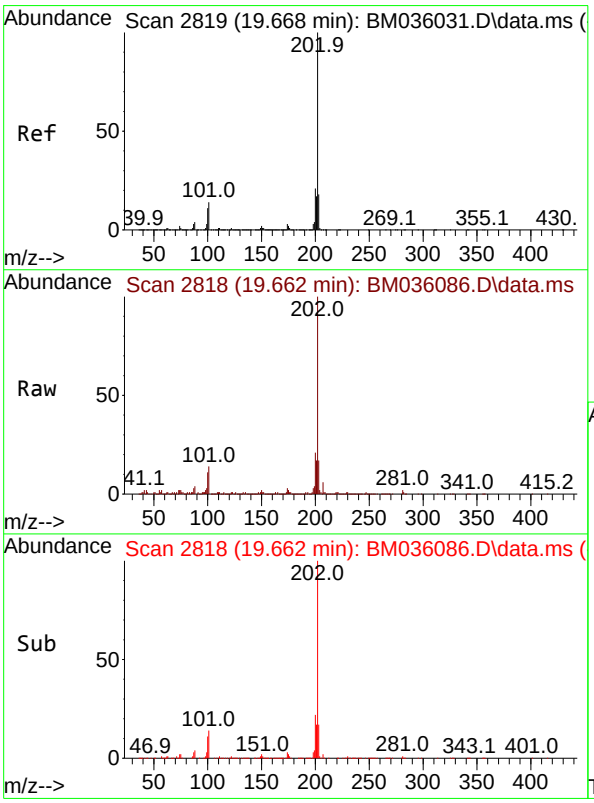
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Instrument :
BNA_M
ClientSampleId :
RVE-81

Tgt Ion:240 Resp: 1753804

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.4	14.0
236	26.3	20.6	30.8

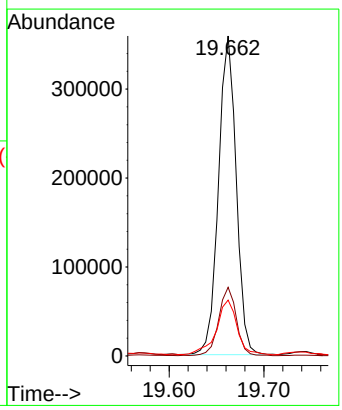


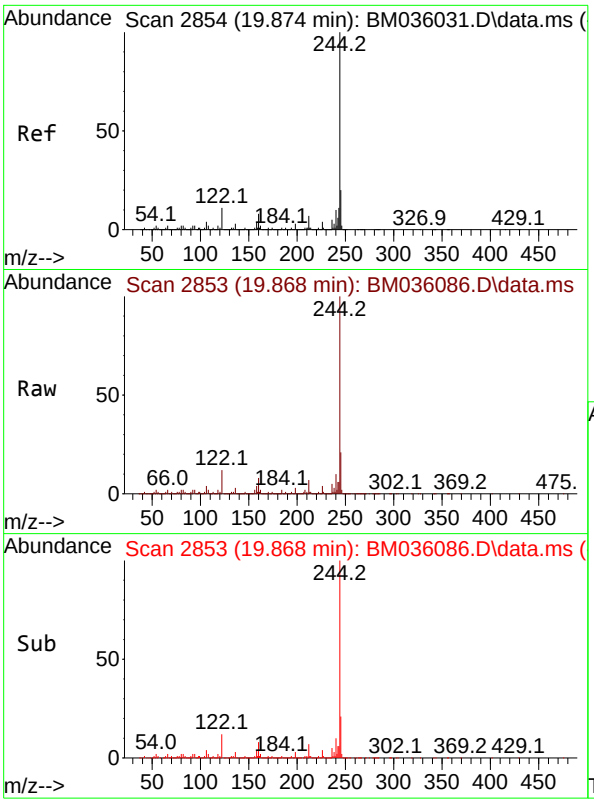


#78
Pyrene
Concen: 4.294 ng
RT: 19.662 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Tgt Ion:202 Resp: 466962

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	17.5	13.9	20.9



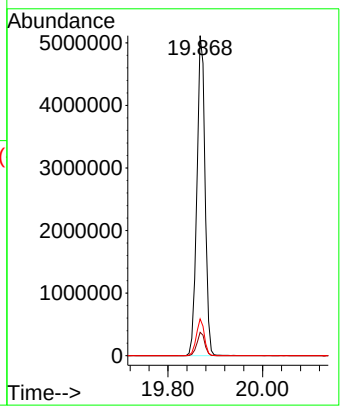


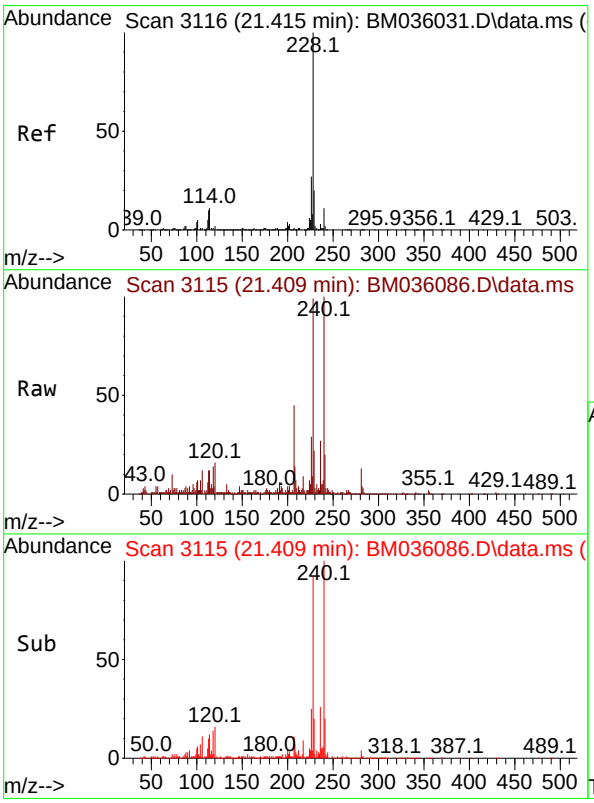
#79
Terphenyl-d14
Concen: 68.519 ng
RT: 19.868 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Instrument :
BNA_M
ClientSampleId :
RVE-81

Tgt Ion:244 Resp: 6092380

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.4
122	11.5	8.3	12.5

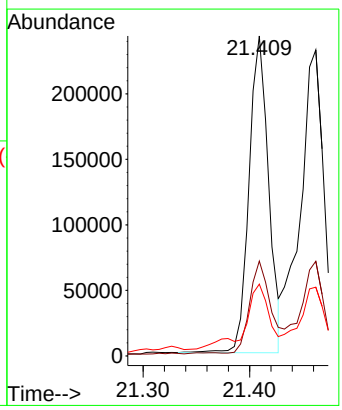


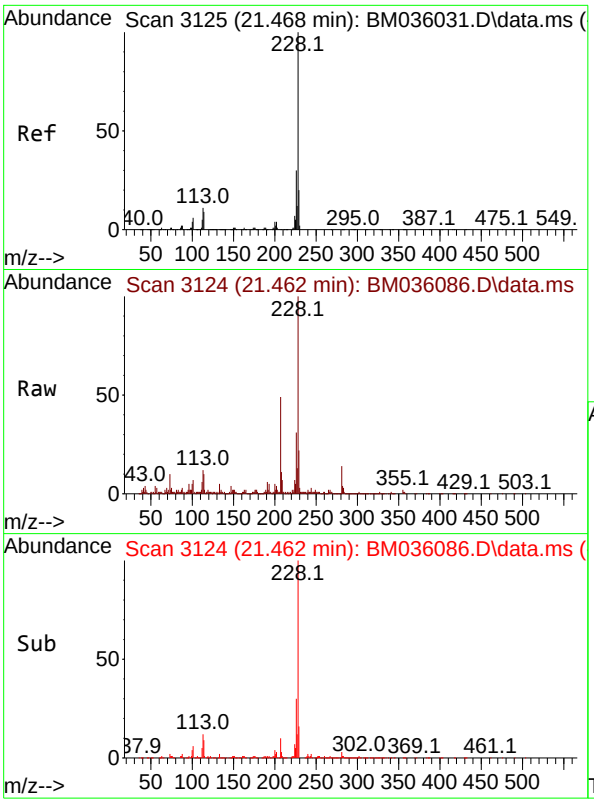


#81
Benzo(a)anthracene
Concen: 2.854 ng
RT: 21.409 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Tgt Ion:228 Resp: 308320

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.3	33.5
229	22.4	15.8	23.6



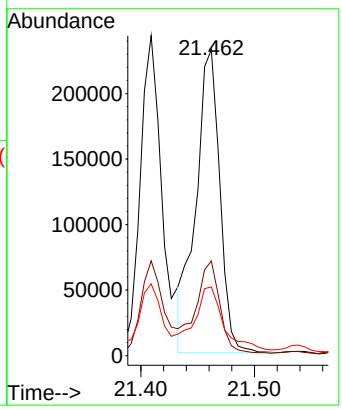


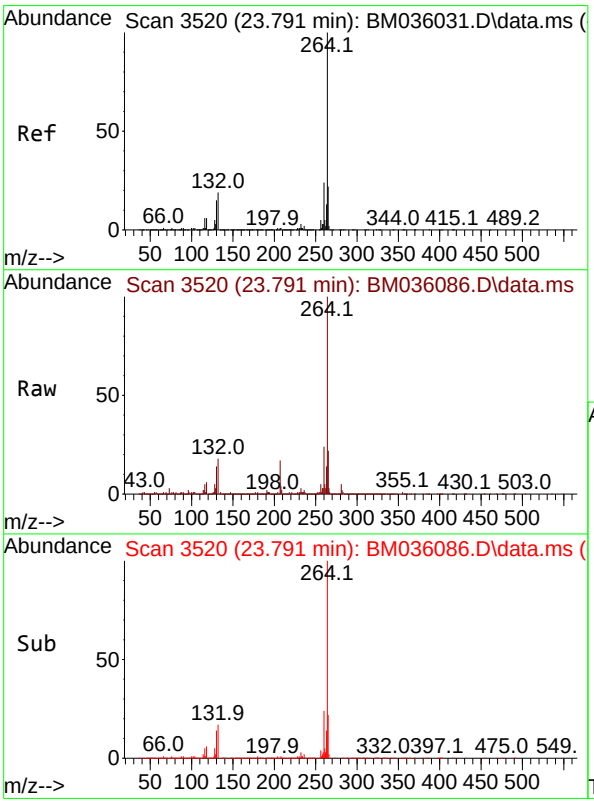
#83
Chrysene
Concen: 3.317 ng
RT: 21.462 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Instrument :
BNA_M
ClientSampleId :
RVE-81

Tgt Ion:228 Resp: 340624

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	22.5	15.8	23.8

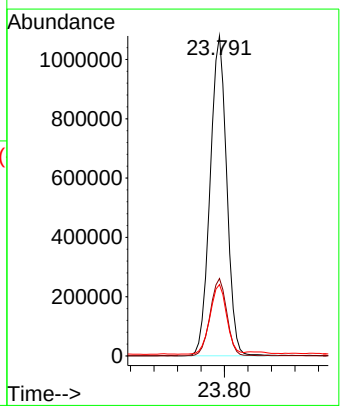


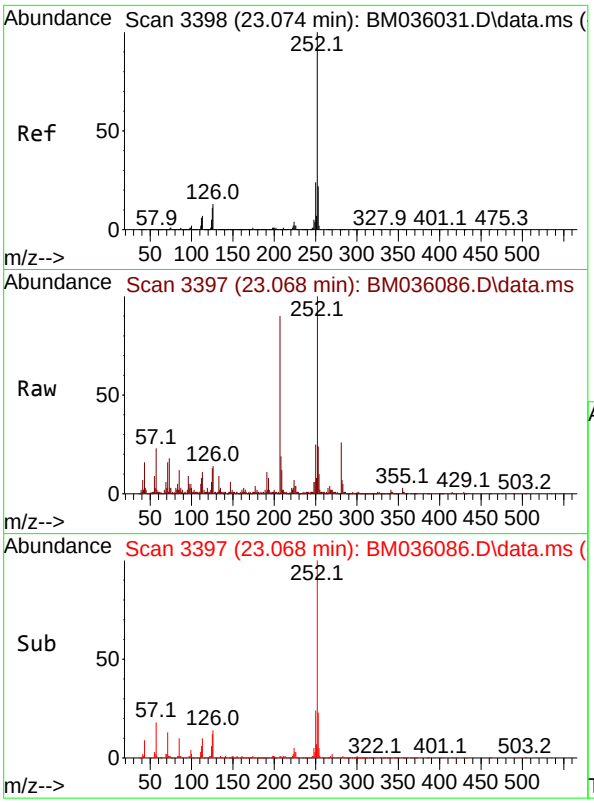


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.791 min Scan# 3520
Delta R.T. -0.000 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Tgt Ion:264 Resp: 2109735

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.3	17.5	26.3



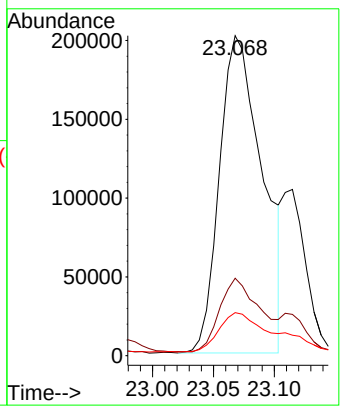


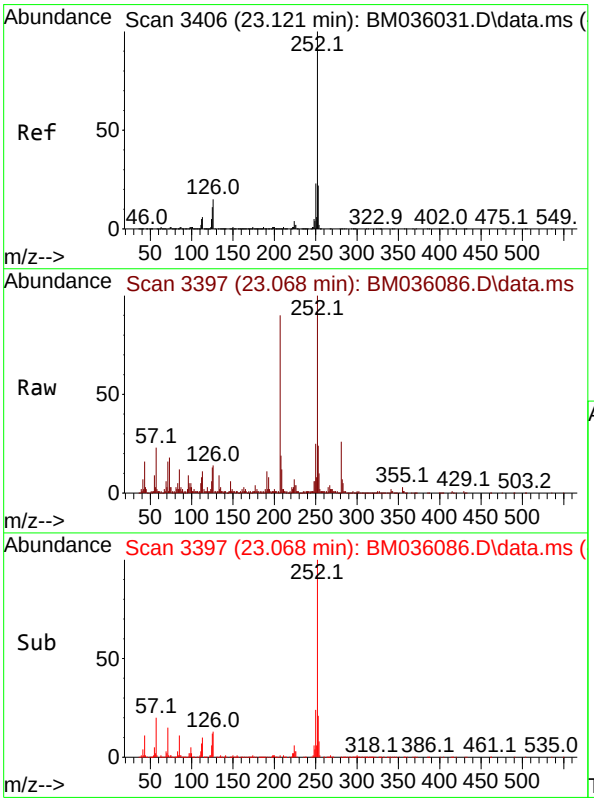
#88
Benzo(b)fluoranthene
Concen: 4.001 ng
RT: 23.068 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Instrument :
BNA_M
ClientSampleId :
RVE-81

Tgt Ion:252 Resp: 494553

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.6	26.4
125	13.5	7.6	11.4#

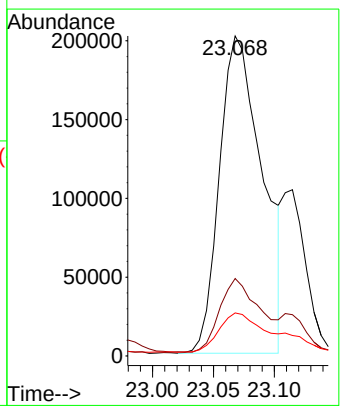


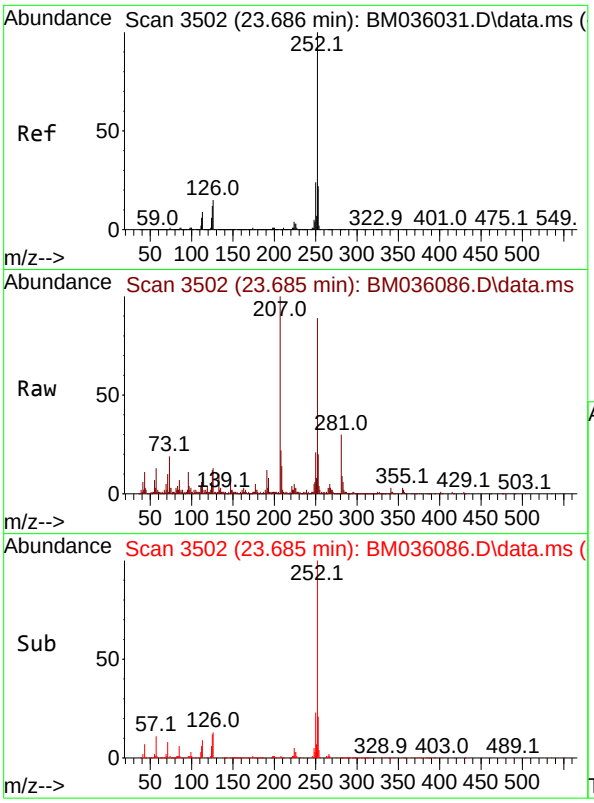


#89
Benzo(k)fluoranthene
Concen: 3.961 ng
RT: 23.068 min Scan# 3397
Delta R.T. -0.053 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Tgt Ion:252 Resp: 494553

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	13.5	7.6	11.4#





#90
Benzo(a)pyrene
Concen: 2.966 ng
RT: 23.685 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM036086.D
Acq: 03 Aug 2022 20:07

Instrument :
BNA_M
ClientSampleId :
RVE-81

Tgt Ion:252 Resp: 307563

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	13.3	8.7	13.1#