Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
Data File : BM036133.D
Acq On : 05 Aug 2022 23:40
Operator : CG/JU
Sample : N3961-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-174

Quant Time: Aug 06 01:14:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 03:36:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.857	152	283076	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1171772	20.000	ng	#	0.00
39) Acenaphthene-d10	14.498	164	681275	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	1351068	20.000	ng		0.00
76) Chrysene-d12	21.415	240	1227384	20.000	ng		0.00
86) Perylene-d12	23.774	264	1272927	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	1874989	107.386	ng		0.02
7) Phenol-d6	7.069	99	2318239	104.346	ng		0.04
23) Nitrobenzene-d5	9.028	82	1385857	66.204	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	890577	111.430	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	3160540	68.496	ng		0.00
79) Terphenyl-d14	19.862	244	4497079	72.269	ng		0.00
Target Compounds							Qvalue
75) Fluoranthene	19.292	202	254898	3.308	ng		98
78) Pyrene	19.656	202	294653	3.871	ng		100
81) Benzo(a)anthracene	21.398	228	152399	2.016	ng		94
83) Chrysene	21.450	228	162209	2.257	ng		96
88) Benzo(b)fluoranthene	23.056	252	226175	3.033	ng	#	87
89) Benzo(k)fluoranthene	23.056	252	226175	3.003	ng	#	87
90) Benzo(a)pyrene	23.668	252	164672	2.632	ng	#	91

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

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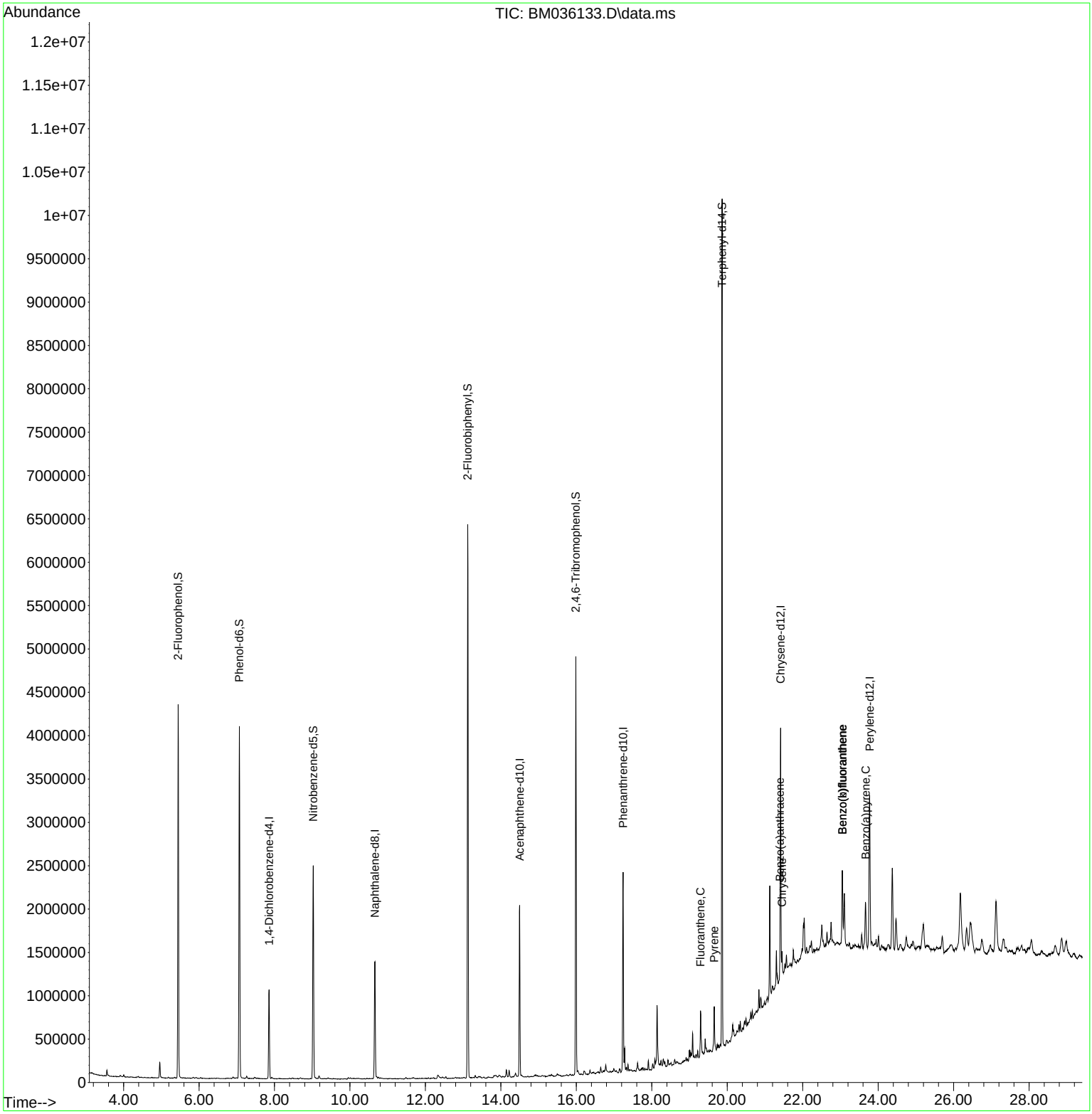
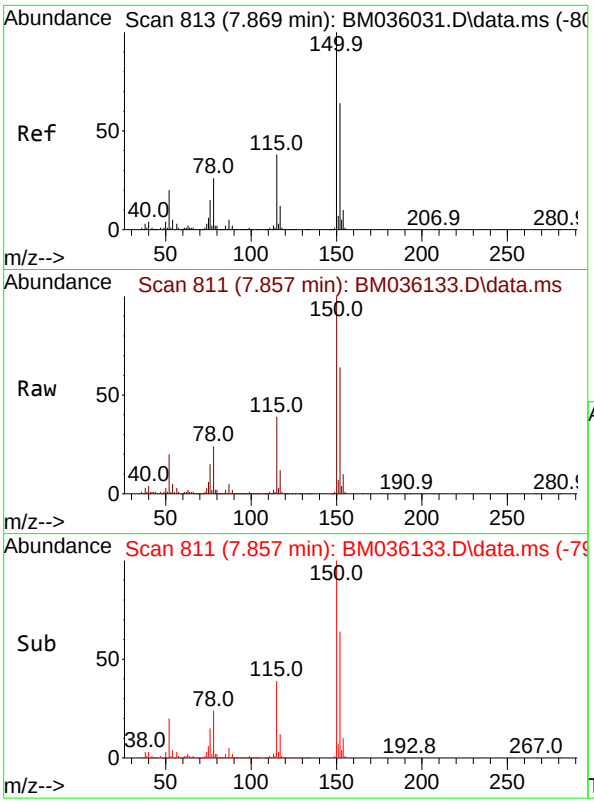


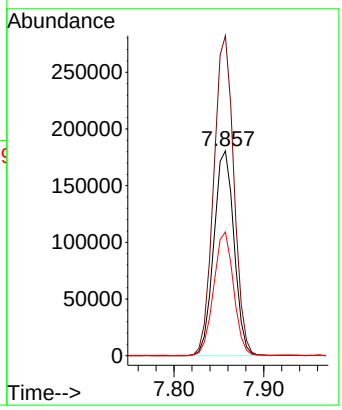


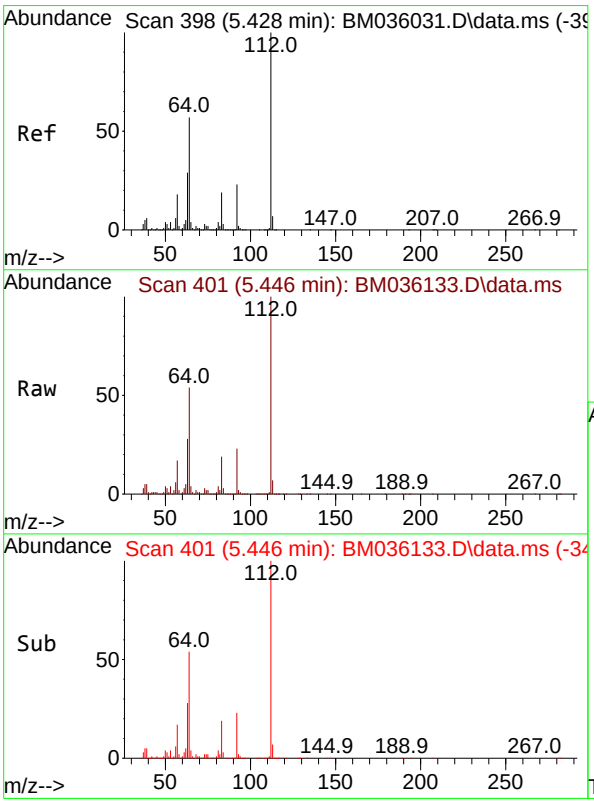
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Instrument :
BNA_M
ClientSampleId :
RVE-174

Tgt Ion:152 Resp: 283076

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.9	187.3
115	60.4	47.9	71.9

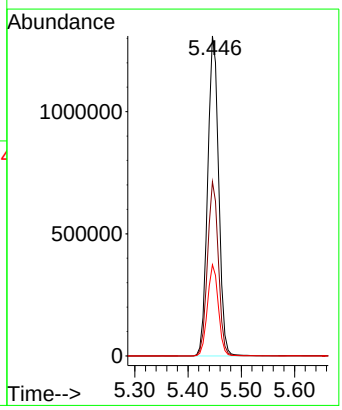


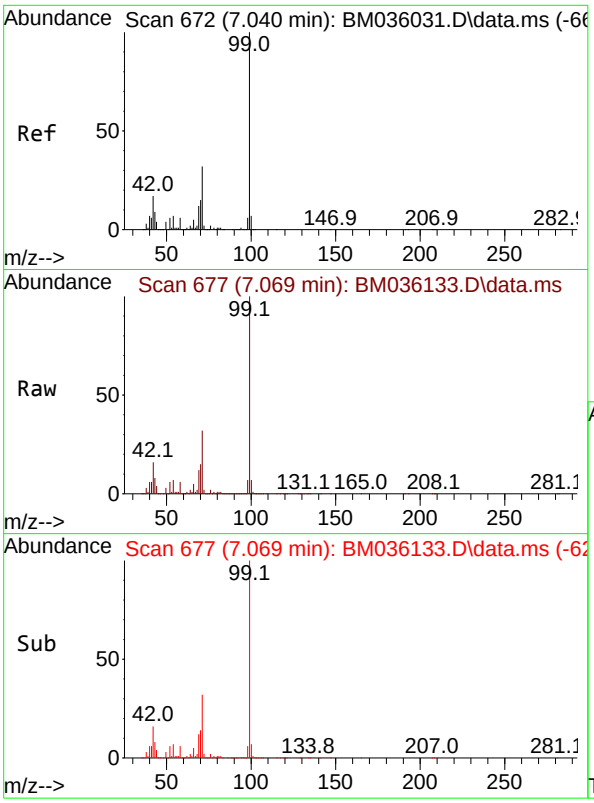


#5
2-Fluorophenol
Concen: 107.386 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.024 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Tgt Ion:112 Resp: 1874989

Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.8	71.6
63	28.5	26.6	40.0



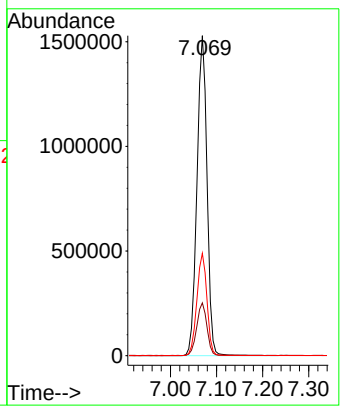


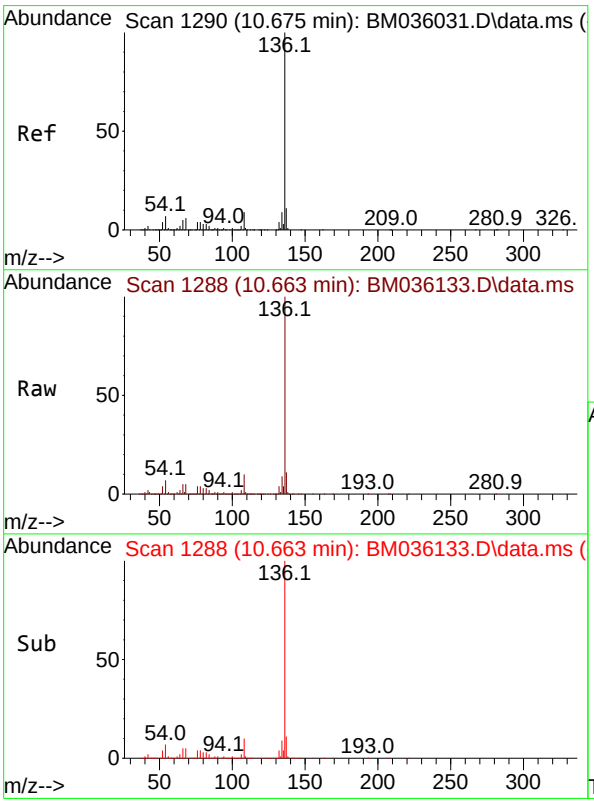
#7
Phenol-d6
Concen: 104.346 ng
RT: 7.069 min Scan# 6
Delta R.T. 0.035 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Instrument :
BNA_M
ClientSampleId :
RVE-174

Tgt Ion: 99 Resp: 2318239

Ion	Ratio	Lower	Upper
99	100		
42	16.5	18.8	28.2#
71	32.0	30.2	45.2

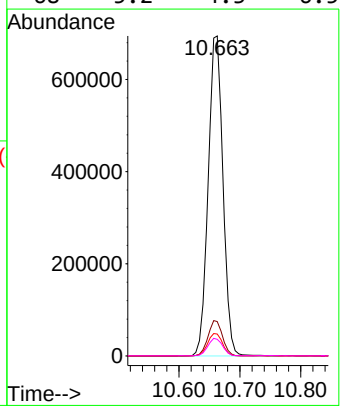


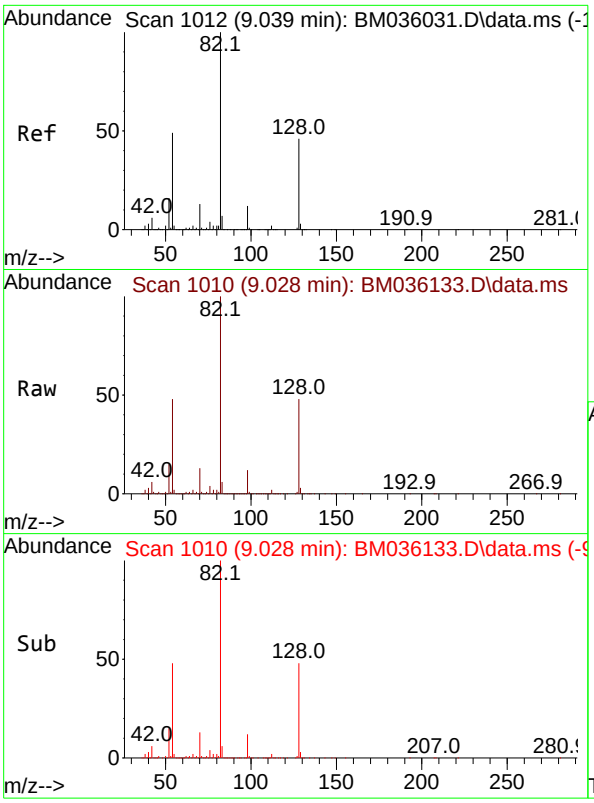


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Tgt Ion:136 Resp: 1171772

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	7.0	10.4#
68	5.2	4.3	6.5



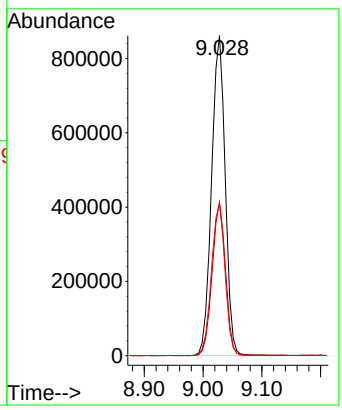


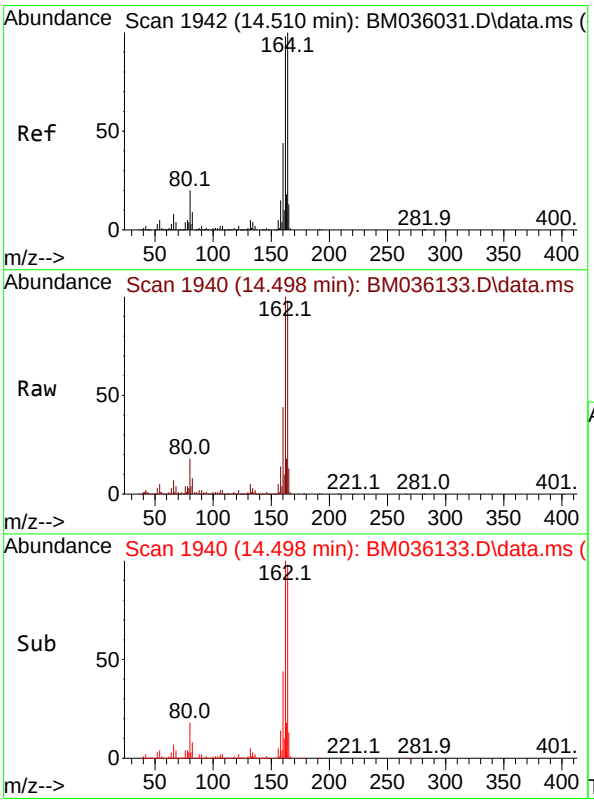
#23
Nitrobenzene-d5
Concen: 66.204 ng
RT: 9.028 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Instrument :
BNA_M
ClientSampleId :
RVE-174

Tgt Ion: 82 Resp: 1385857

Ion	Ratio	Lower	Upper
82	100		
128	47.9	33.7	50.5
54	47.6	43.2	64.8

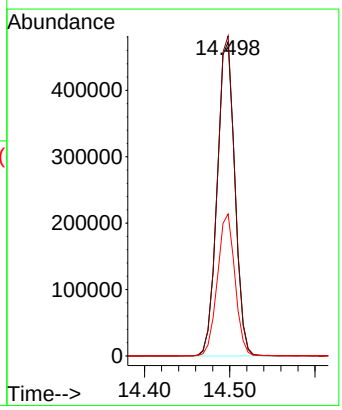


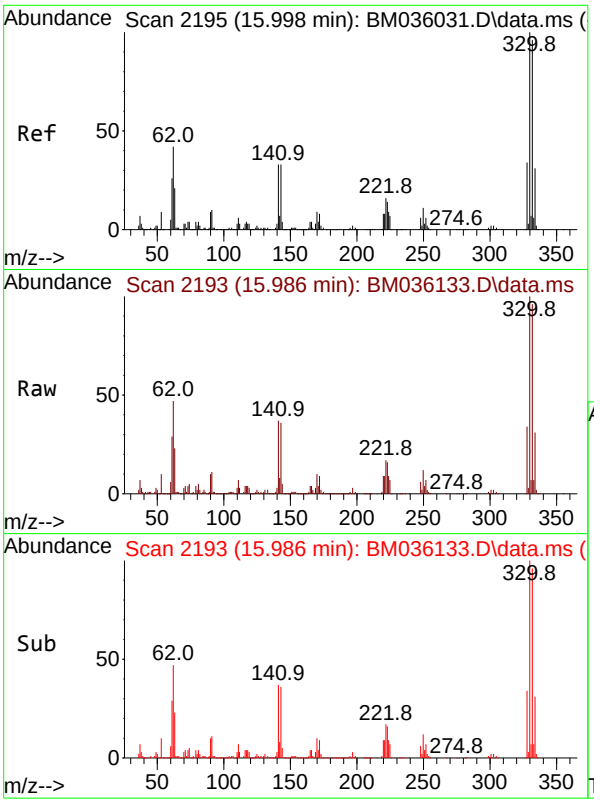


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Tgt Ion:164 Resp: 681275

Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.0	124.6
160	45.2	37.0	55.4



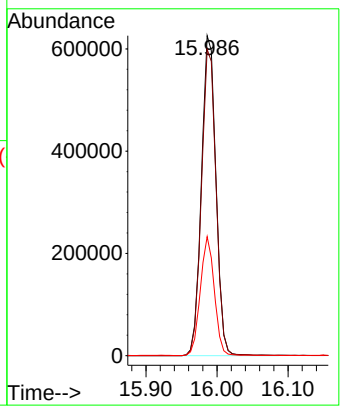


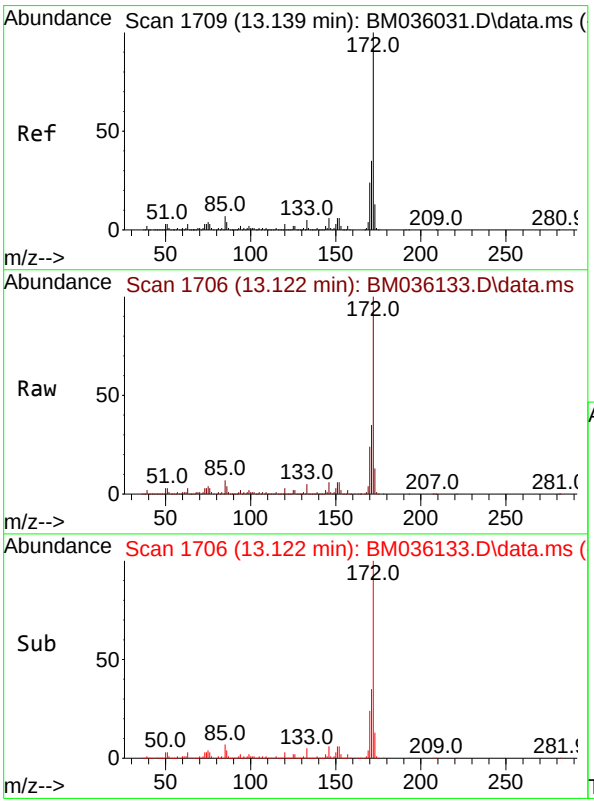
#42
2,4,6-Tribromophenol
Concen: 111.430 ng
RT: 15.986 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Instrument :
BNA_M
ClientSampleId :
RVE-174

Tgt Ion:330 Resp: 890577

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.4
141	35.9	35.3	52.9

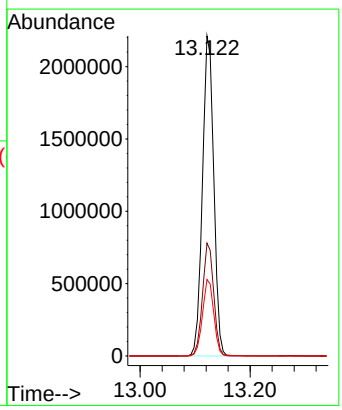


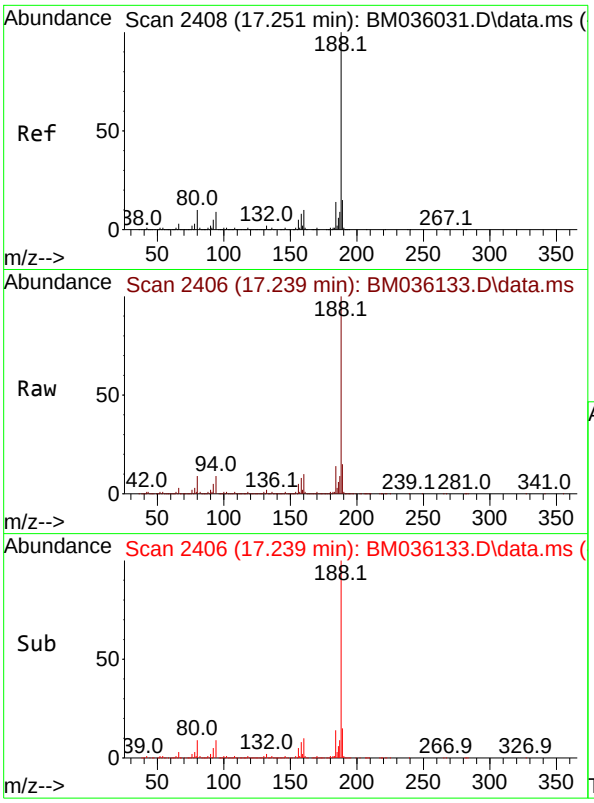


#45
2-Fluorobiphenyl
Concen: 68.496 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Tgt Ion:172 Resp: 3160540

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.9	18.7	28.1



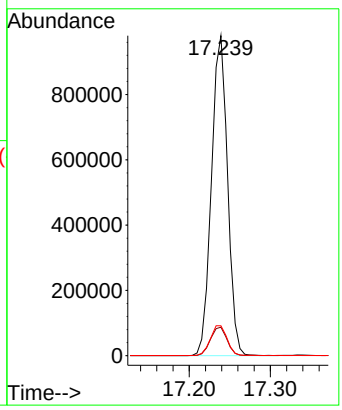


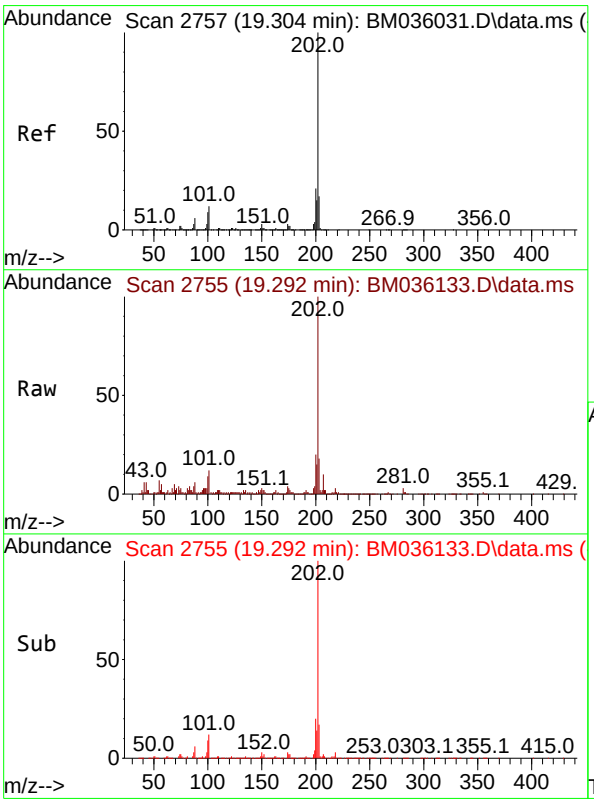
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Instrument :
BNA_M
ClientSampleId :
RVE-174

Tgt Ion:188 Resp: 1351068

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	9.3	7.6	11.4

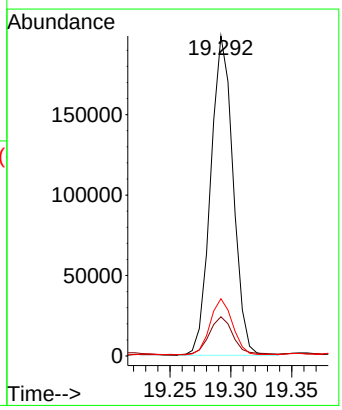


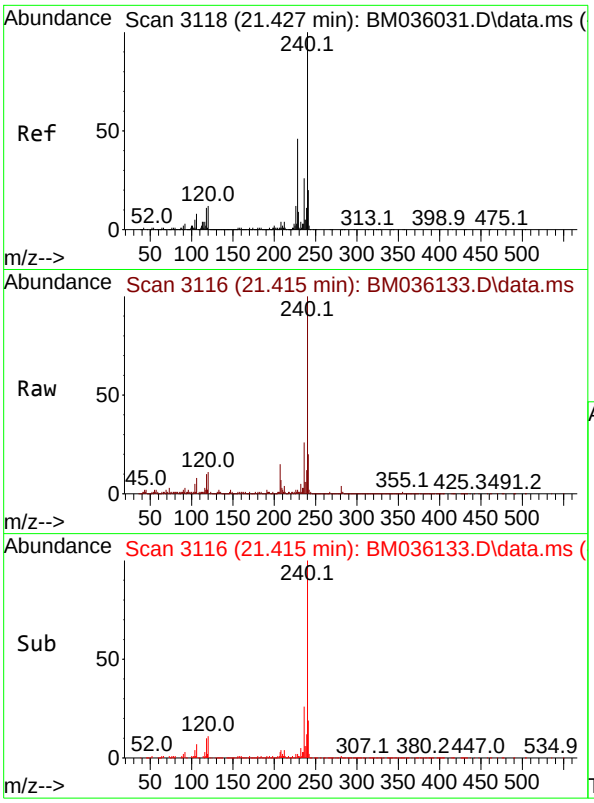


#75
Fluoranthene
Concen: 3.308 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Tgt Ion:202 Resp: 254898

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.6
203	17.9	0.0	37.4



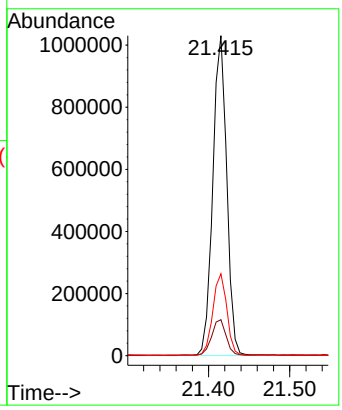


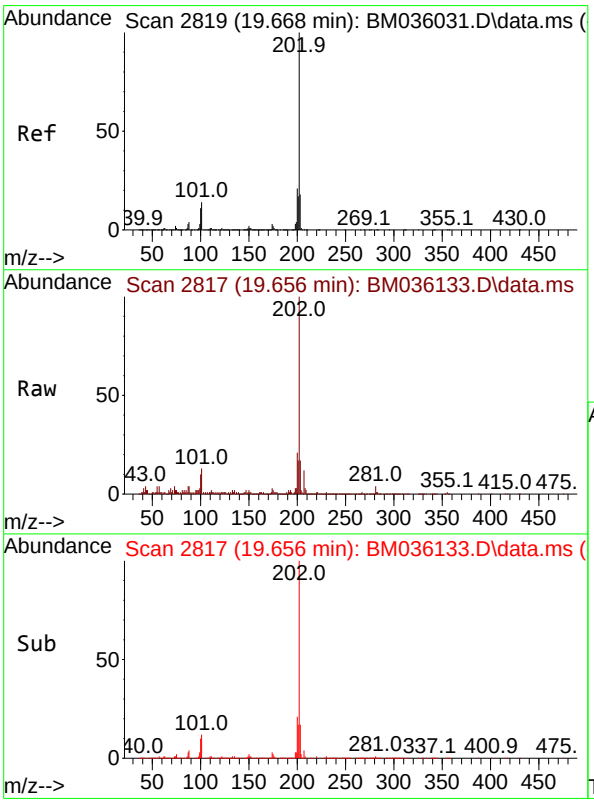
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Instrument :
BNA_M
ClientSampleId :
RVE-174

Tgt Ion:240 Resp: 1227384

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.4	14.0
236	25.6	20.6	30.8

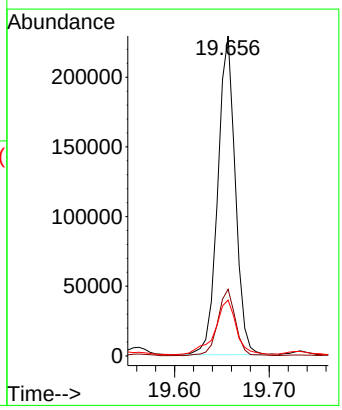


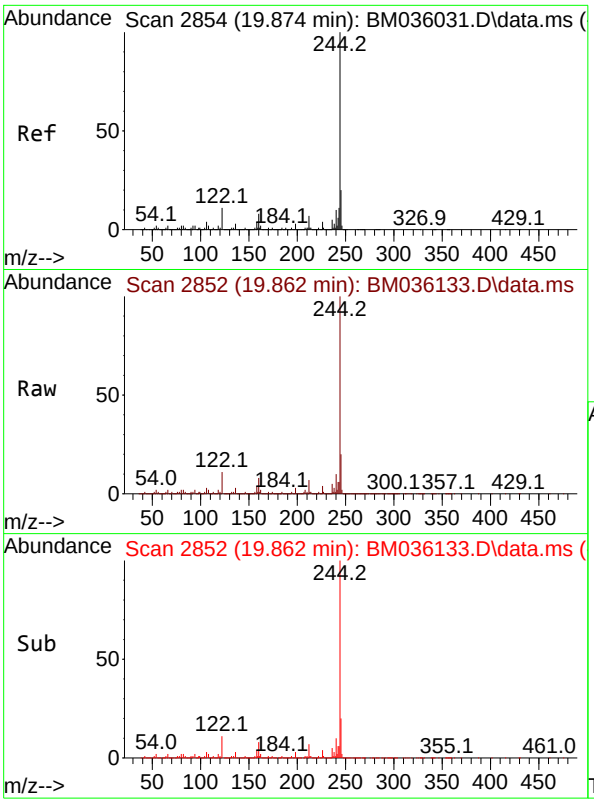


#78
Pyrene
Concen: 3.871 ng
RT: 19.656 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Tgt Ion:202 Resp: 294653

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.4	13.9	20.9



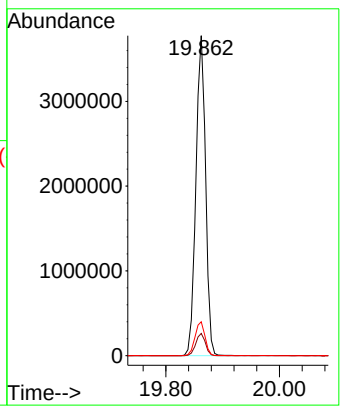


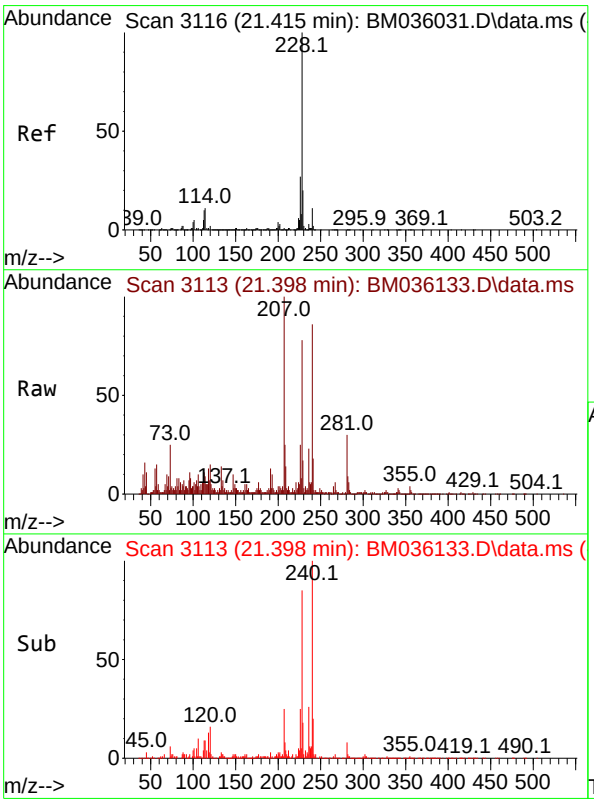
#79
Terphenyl-d14
Concen: 72.269 ng
RT: 19.862 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Instrument :
BNA_M
ClientSampleId :
RVE-174

Tgt Ion:244 Resp: 4497079

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.4
122	10.6	8.3	12.5

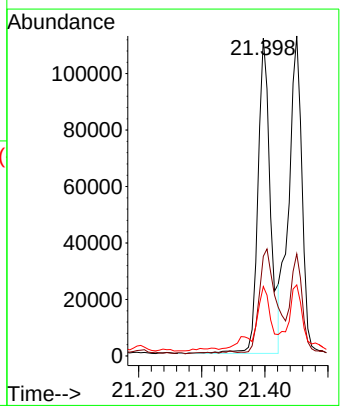


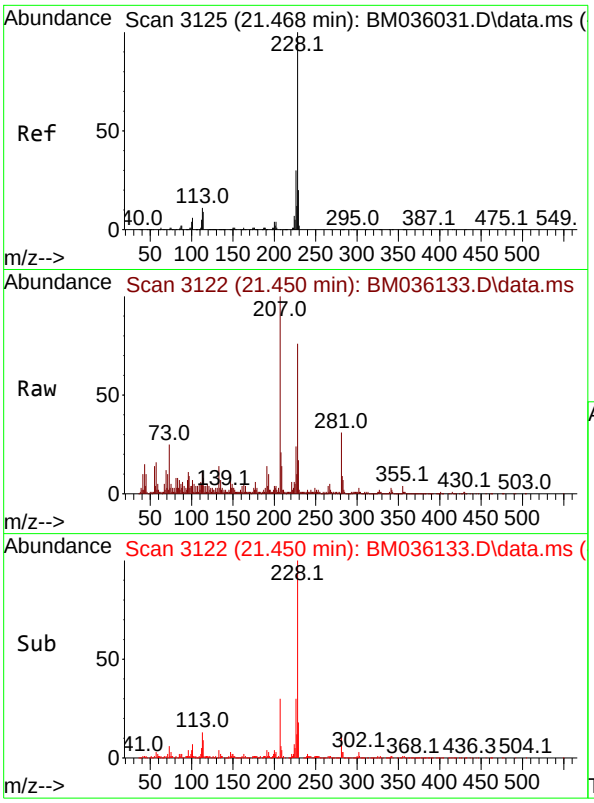


#81
Benzo(a)anthracene
Concen: 2.016 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Tgt Ion:228 Resp: 152399

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.3	33.5
229	21.8	15.8	23.6



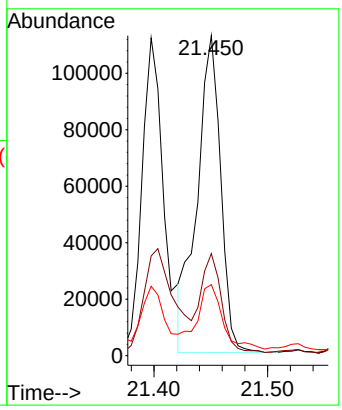


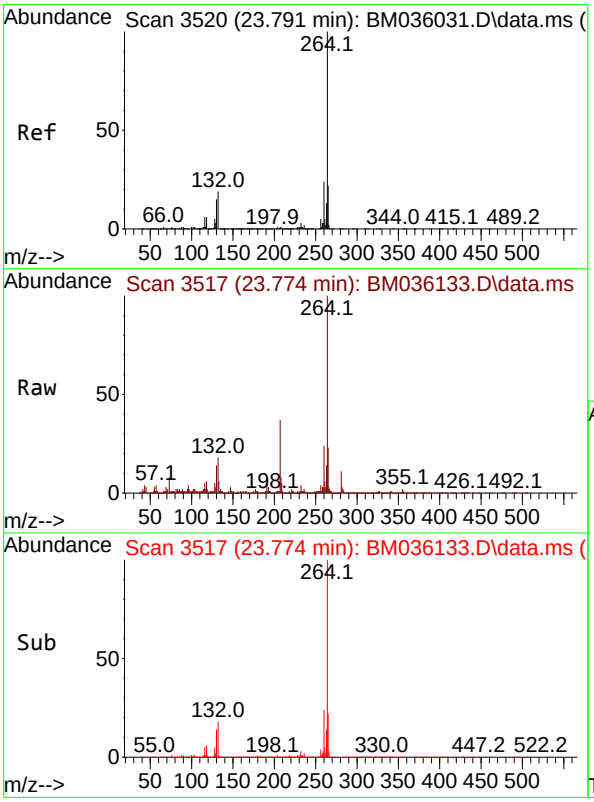
#83
Chrysene
Concen: 2.257 ng
RT: 21.450 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Instrument :
BNA_M
ClientSampleId :
RVE-174

Tgt Ion:228 Resp: 162209

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.4	36.6
229	22.2	15.8	23.8

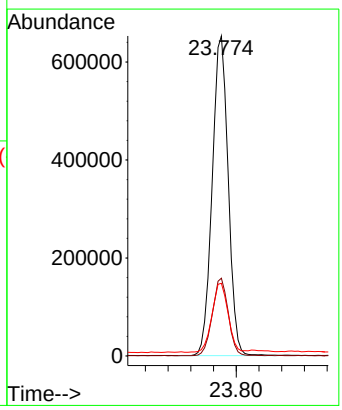


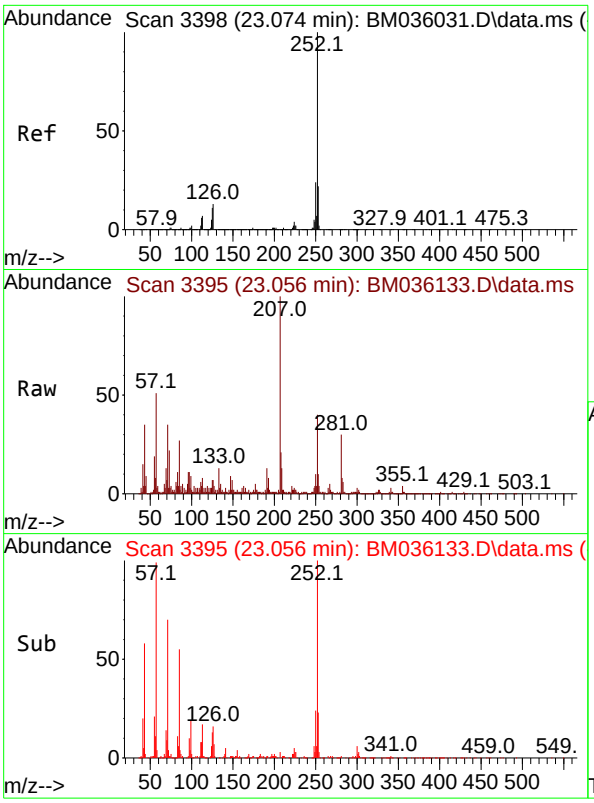


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. -0.012 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Tgt Ion:264 Resp: 1272927

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	22.7	17.5	26.3



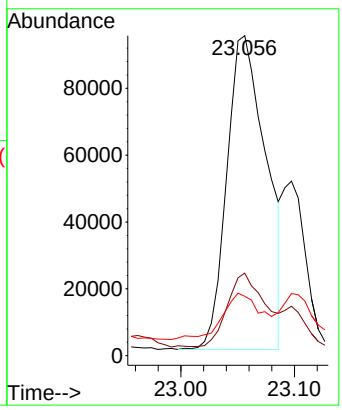


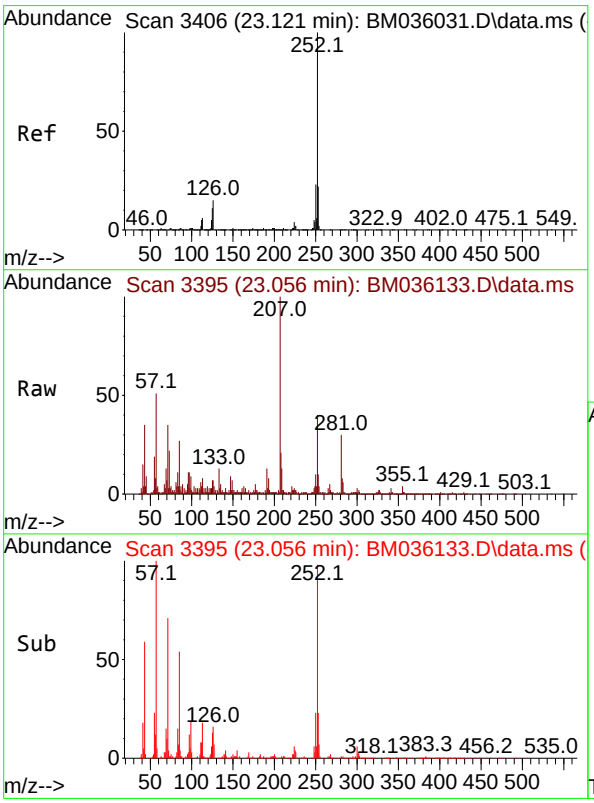
#88
Benzo(b)fluoranthene
Concen: 3.033 ng
RT: 23.056 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Instrument :
BNA_M
ClientSampleId :
RVE-174

Tgt Ion:252 Resp: 226175

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.6	26.4
125	18.5	7.6	11.4#

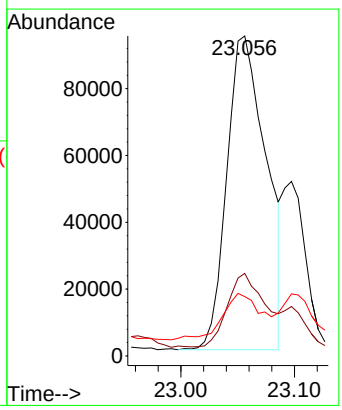


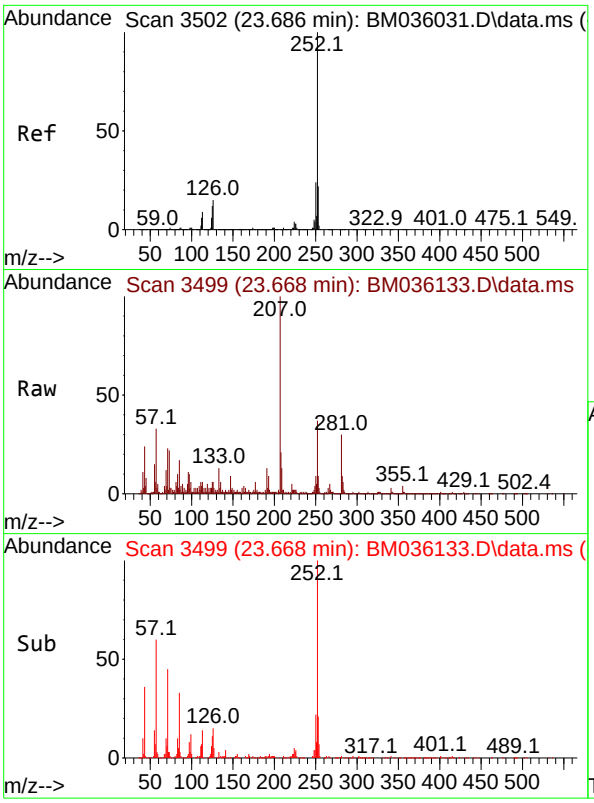


#89
Benzo(k)fluoranthene
Concen: 3.003 ng
RT: 23.056 min Scan# 3395
Delta R.T. -0.059 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Tgt Ion:252 Resp: 226175

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.5	26.3
125	18.5	7.6	11.4#





#90
Benzo(a)pyrene
Concen: 2.632 ng
RT: 23.668 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Instrument :
BNA_M
ClientSampleId :
RVE-174

Tgt Ion:252 Resp: 164672

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	17.1	8.7	13.1#