Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027178.D
Acq On : 21 Aug 2020 20:16
Operator : JU/CG
Sample : L3720-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-BD-0-2-COMP

Quant Time: Aug 22 05:30:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 15:18:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	60578	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	221055	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	151956	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	367391	20.00	ng	0.00
76) Chrysene-d12	21.19	240	629635	20.00	ng	0.00
86) Perylene-d12	23.38	264	770799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	295308	95.03	ng	0.00
7) Phenol-d6	6.79	99	378229	88.65	ng	0.00
23) Nitrobenzene-d5	8.76	82	321585	60.02	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	190014	77.22	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	563624	48.72	ng	0.00
79) Terphenyl-d14	19.64	244	1139873	33.82	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.71	163	112359	9.108	ng	98
71) Phenanthrene	17.03	178	149190	7.305	ng	99
75) Fluoranthene	19.06	202	377917	14.813	ng	99
78) Pyrene	19.42	202	380816	9.940	ng	100
81) Benzo(a)anthracene	21.17	228	292032	7.158	ng	97
83) Chrysene	21.23	228	266054	6.714	ng	98
87) Indeno(1,2,3-cd)pyrene	25.55	276	193484	3.207	ng	99
88) Benzo(b)fluoranthene	22.73	252	535193	10.412	ng	98
89) Benzo(k)fluoranthene	22.73	252	535193	10.635	ng	97
90) Benzo(a)pyrene	23.28	252	306752	6.537	ng	98
92) Benzo(g,h,i)perylene	26.22	276	192652	3.983	ng	100

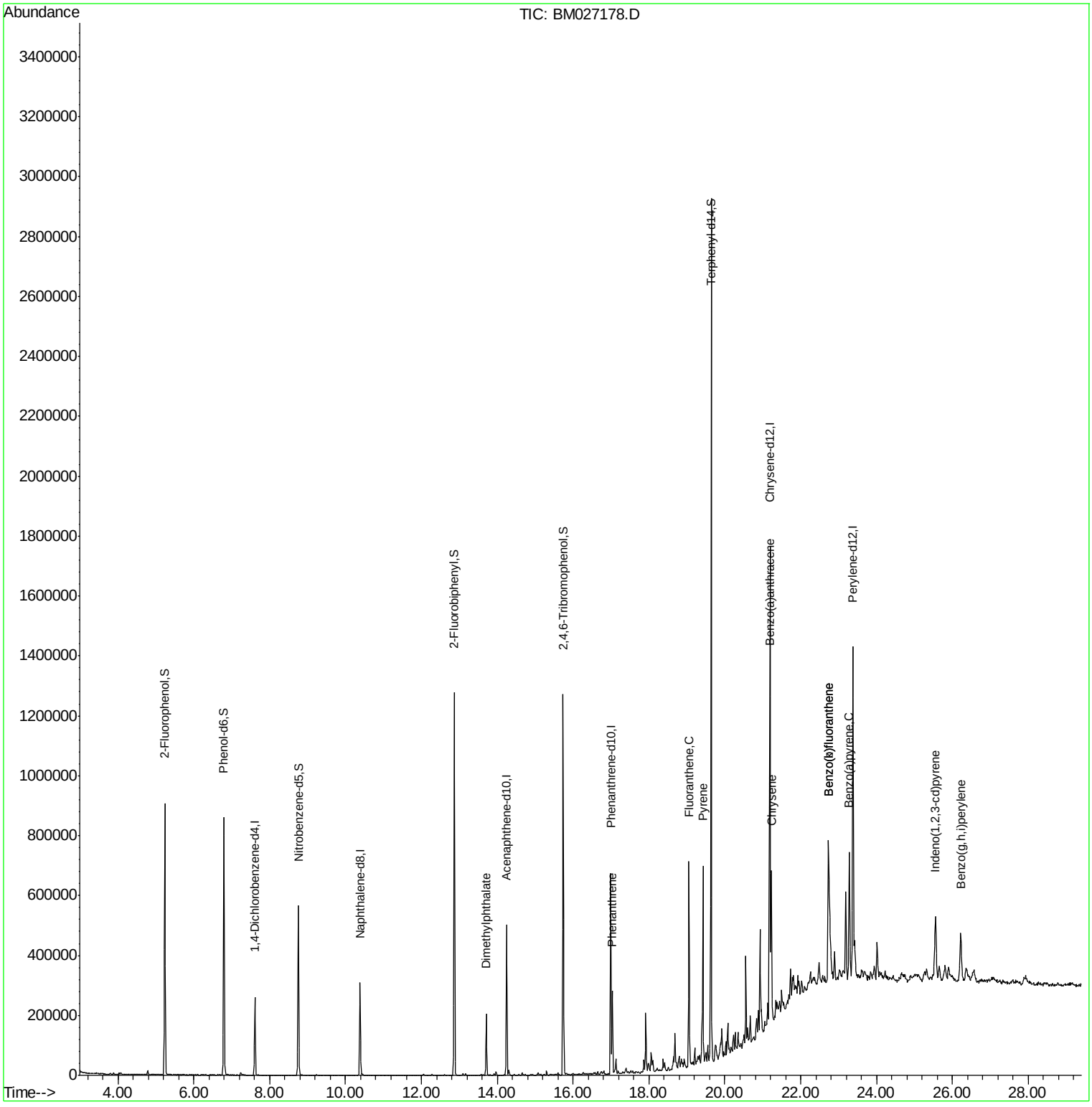
(#) = qualifier out of range (m) = manual integration (+) = signals summed

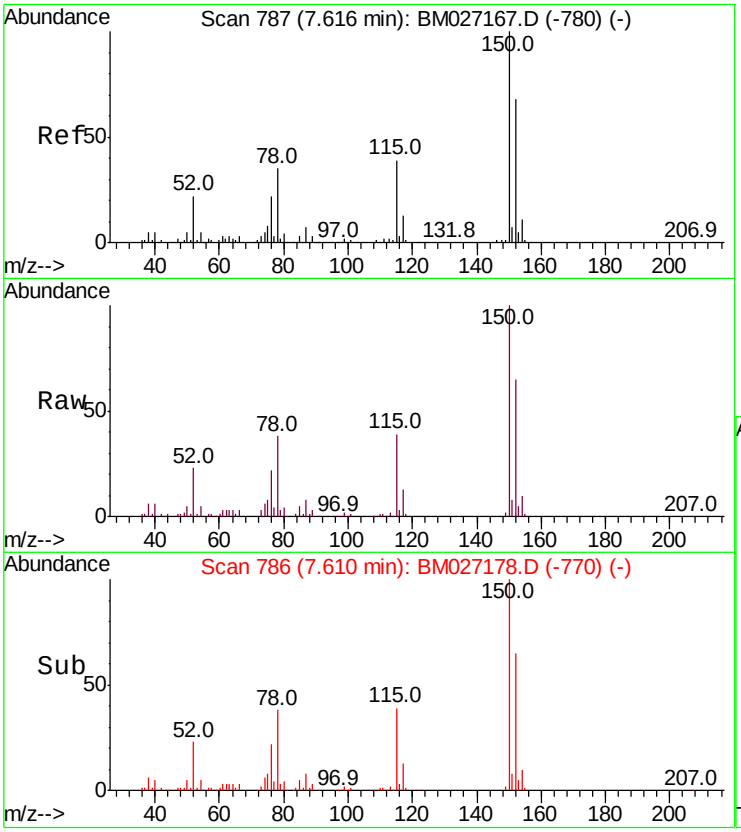
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027178.D
Acq On : 21 Aug 2020 20:16
Operator : JU/CG
Sample : L3720-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Quant Time: Aug 22 05:30:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 15:18:25 2020
Response via : Initial Calibration



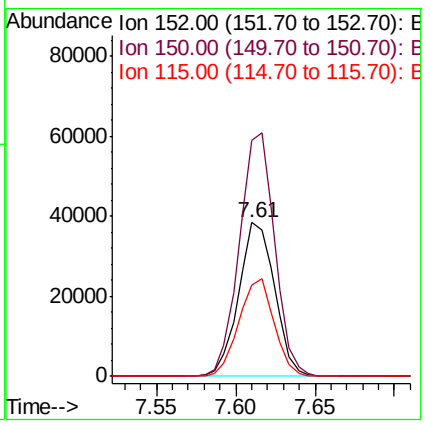


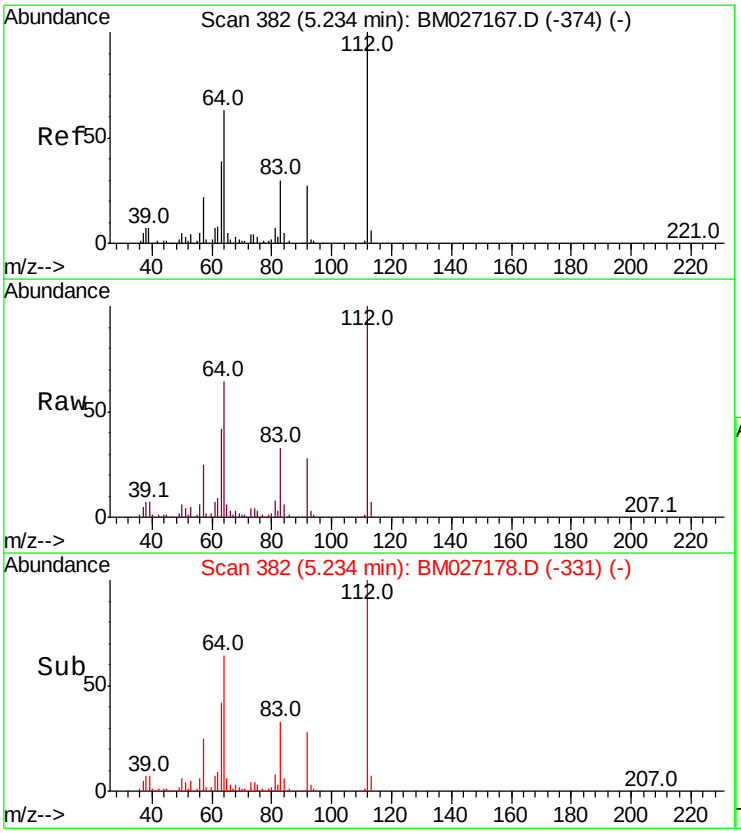
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tgt Ion:152 Resp: 60578

Ion	Ratio	Lower	Upper
152	100		
150	153.7	118.2	177.4
115	59.8	46.1	69.1

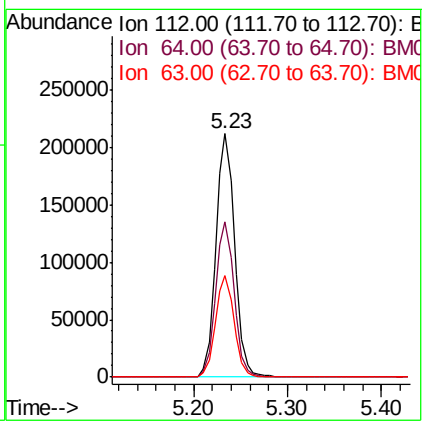


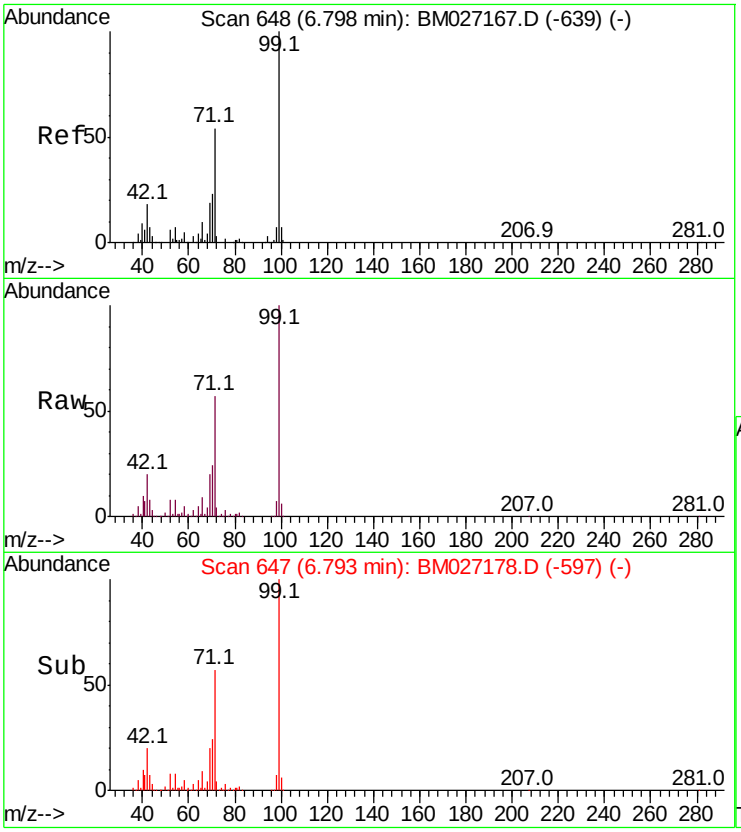


#5
2-Fluorophenol
Concen: 95.033 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Tgt Ion:112 Resp: 295308

Ion	Ratio	Lower	Upper
112	100		
64	63.7	50.0	75.0
63	41.6	31.6	47.4



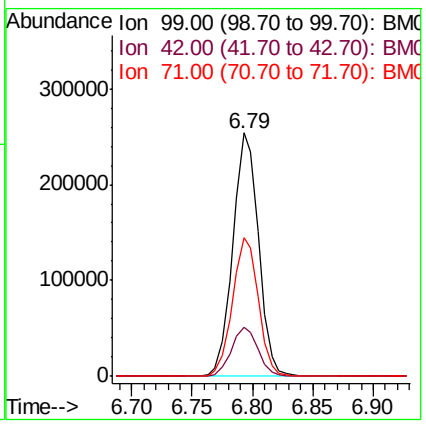


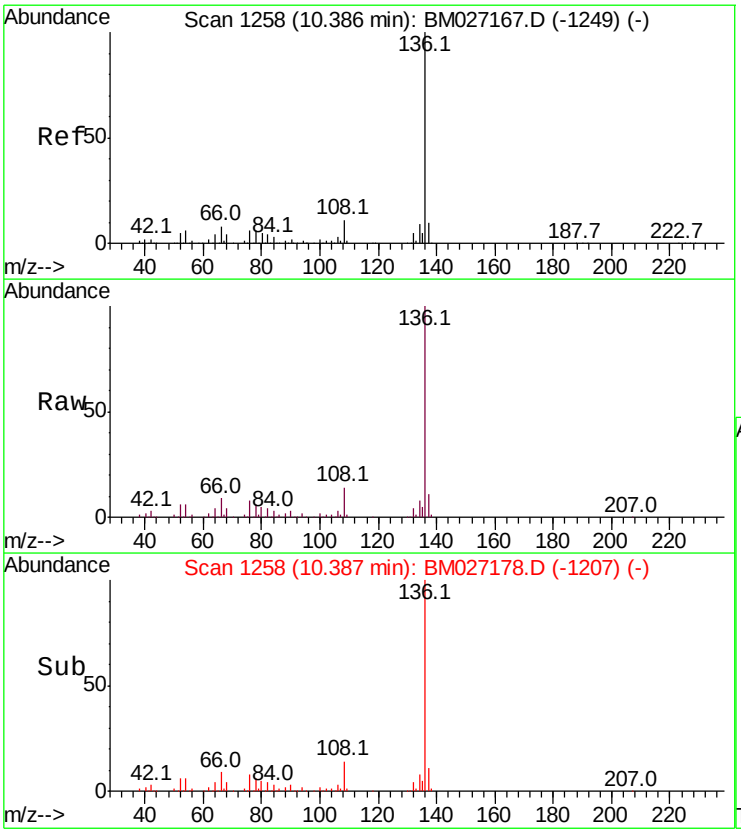
#7
Phenol-d6
Concen: 88.650 ng
RT: 6.79 min Scan# 647
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tgt Ion: 99 Resp: 378229

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	56.9	43.0	64.4

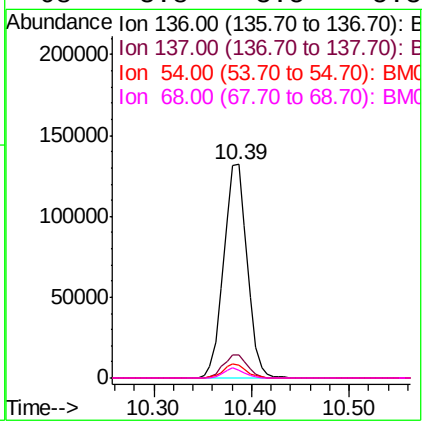


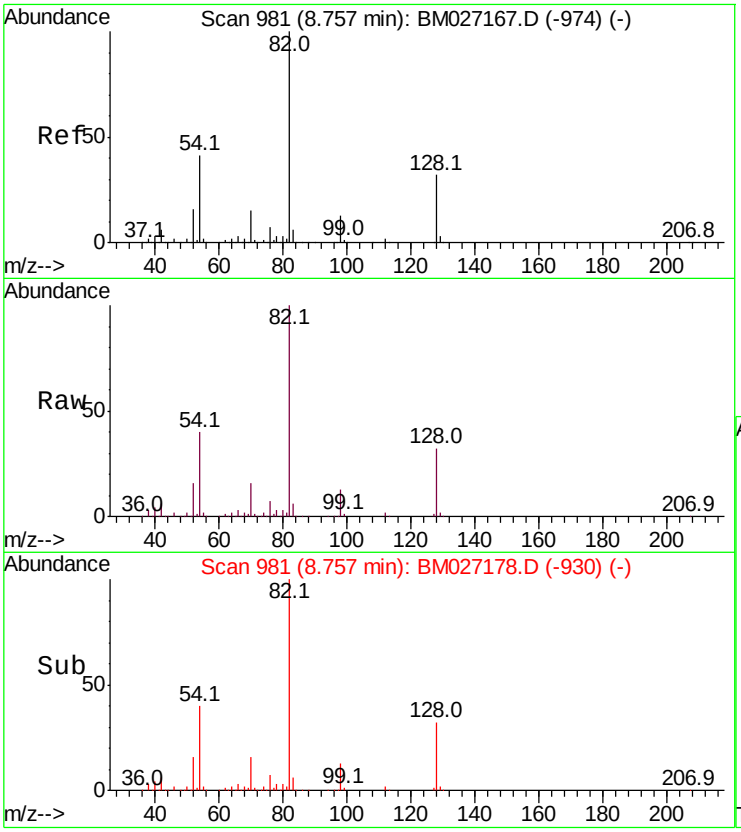


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Tgt Ion:136 Resp: 221055

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	6.2	4.8	7.2
68	3.8	3.5	5.3



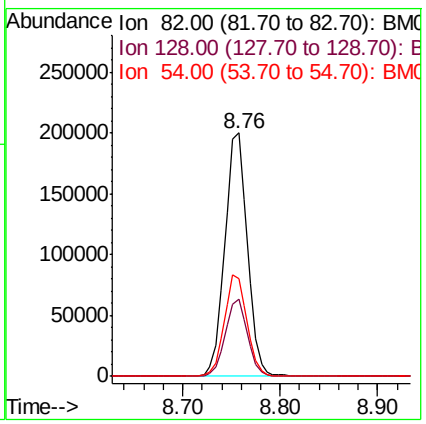


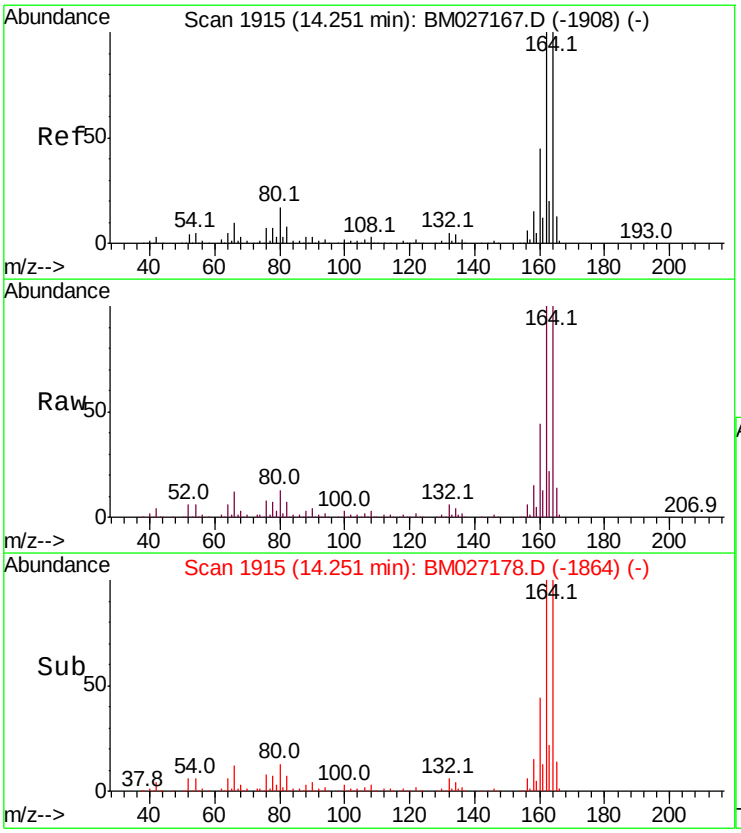
#23
Nitrobenzene-d5
Concen: 60.020 ng
RT: 8.76 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tgt Ion: 82 Resp: 321585

Ion	Ratio	Lower	Upper
82	100		
128	32.0	25.7	38.5
54	40.3	33.0	49.4

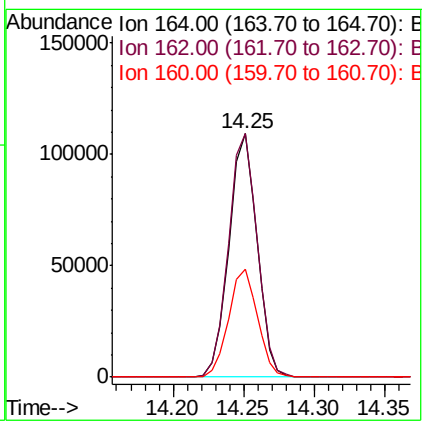


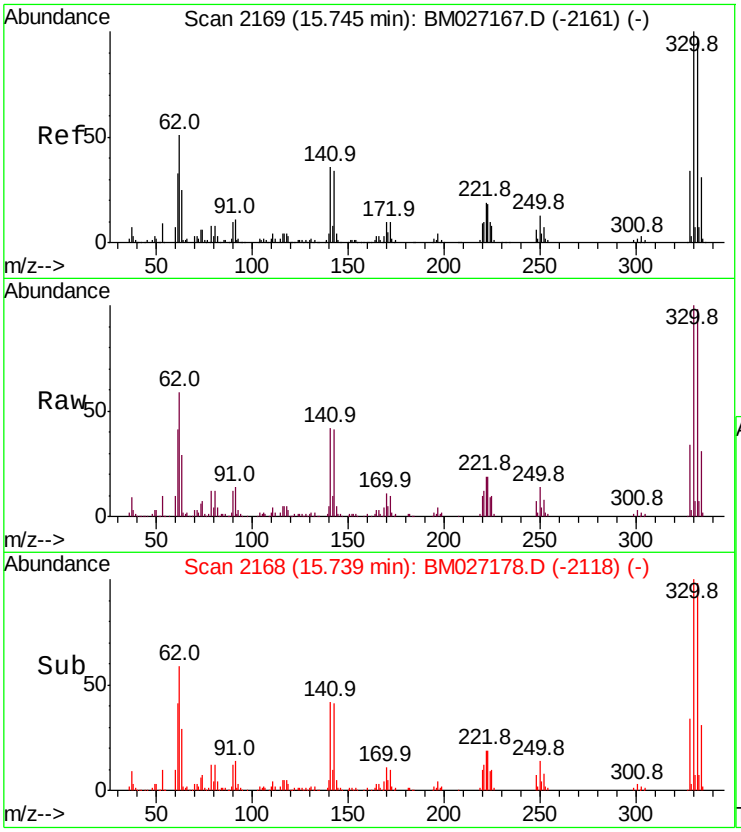


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Tgt Ion:164 Resp: 151956

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.4
160	44.3	36.3	54.5



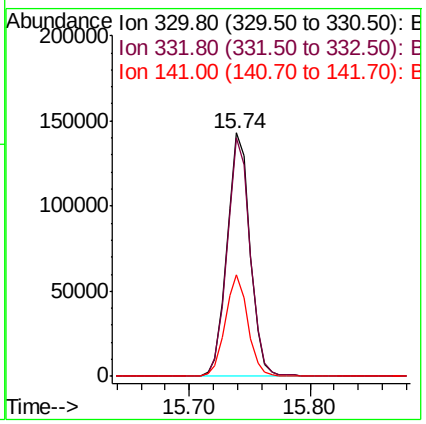


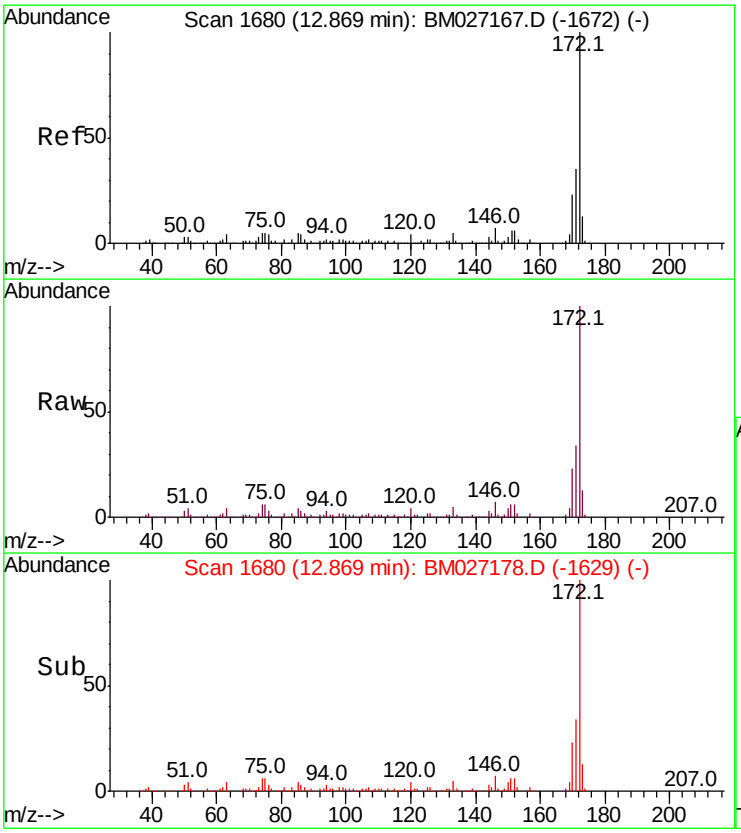
#42
2,4,6-Tribromophenol
Concen: 77.221 ng
RT: 15.74 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tgt Ion:330 Resp: 190014

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.2	115.8
141	40.7	31.0	46.6

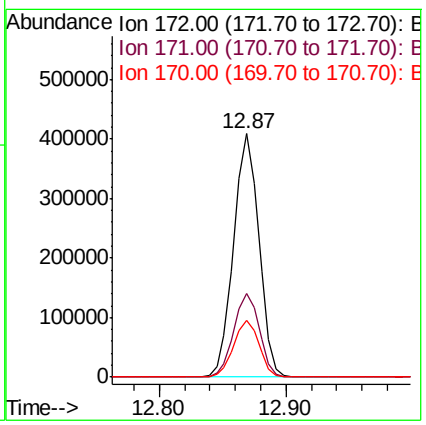


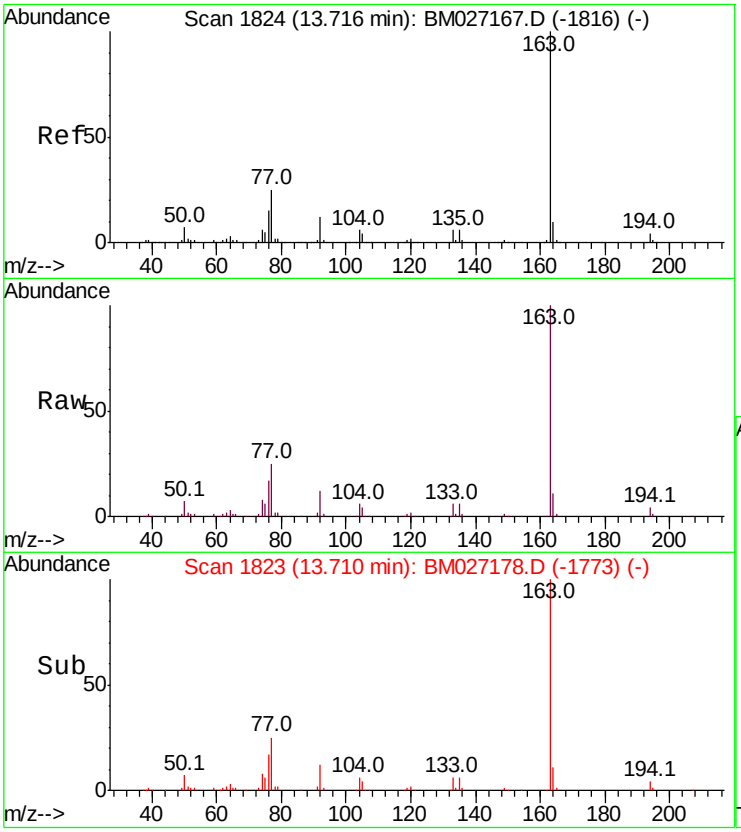


#45
2-Fluorobiphenyl
Concen: 48.724 ng
RT: 12.87 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Tgt Ion:172 Resp: 563624

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.1	42.1
170	23.2	18.6	28.0



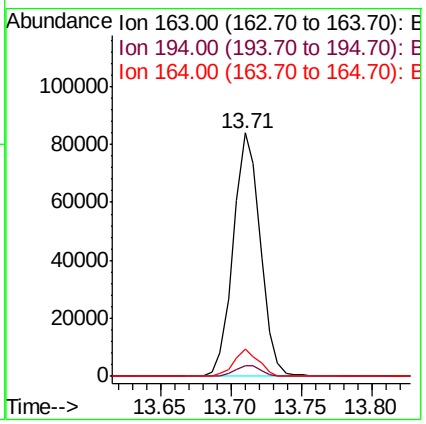


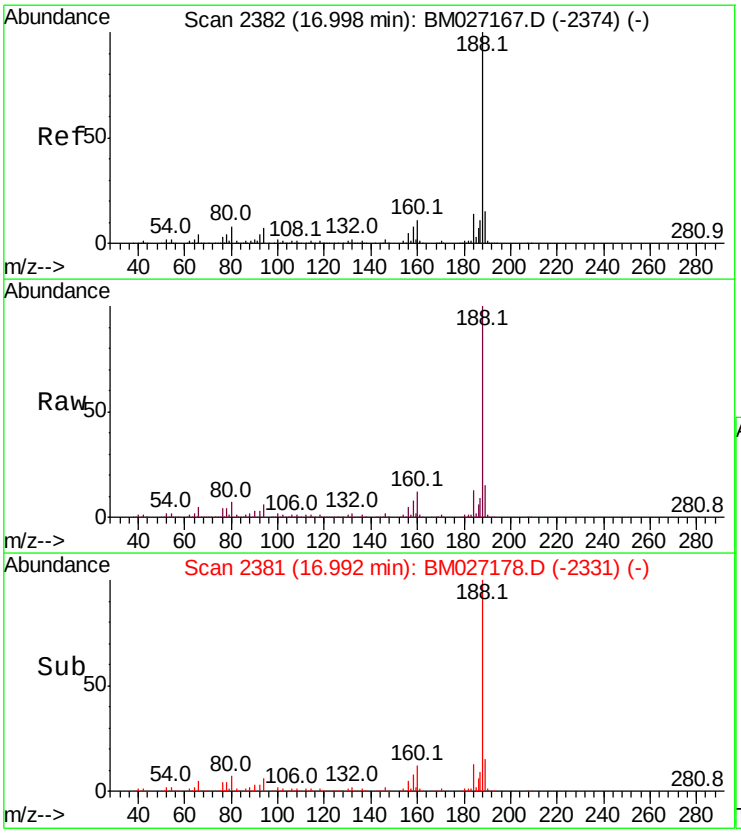
#50
Dimethylphthalate
Concen: 9.108 ng
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tgt Ion:163 Resp: 112359

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	11.1	8.2	12.2

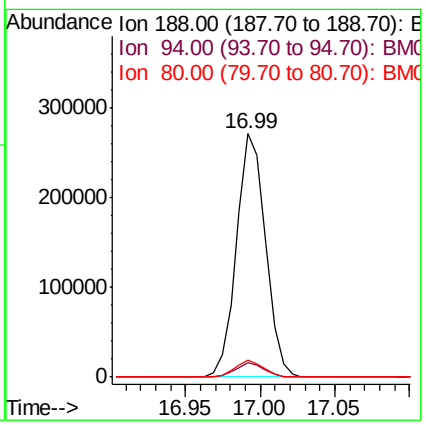


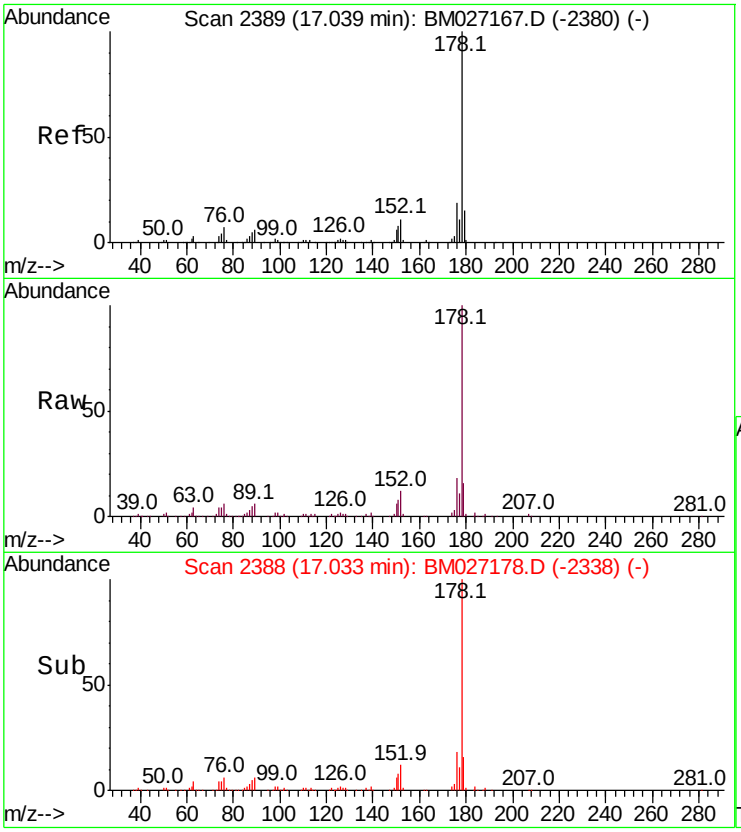


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Tgt Ion:188 Resp: 367391

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.5	8.3
80	6.9	6.2	9.4



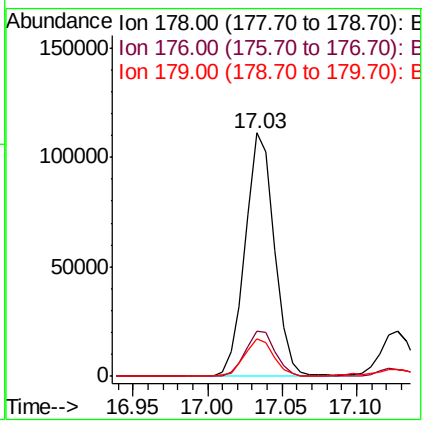


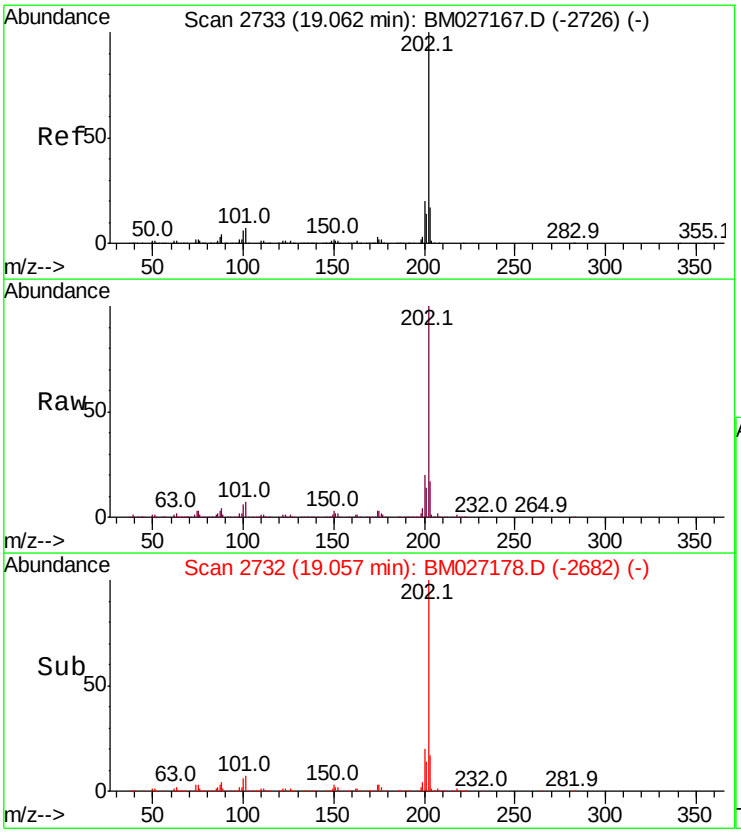
#71
Phenanthrene
Concen: 7.305 ng
RT: 17.03 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tgt Ion:178 Resp: 149190

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.6	12.0	18.0

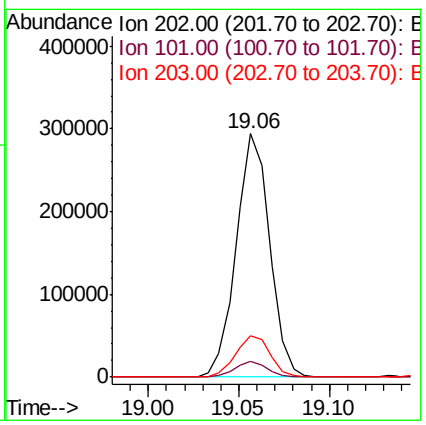


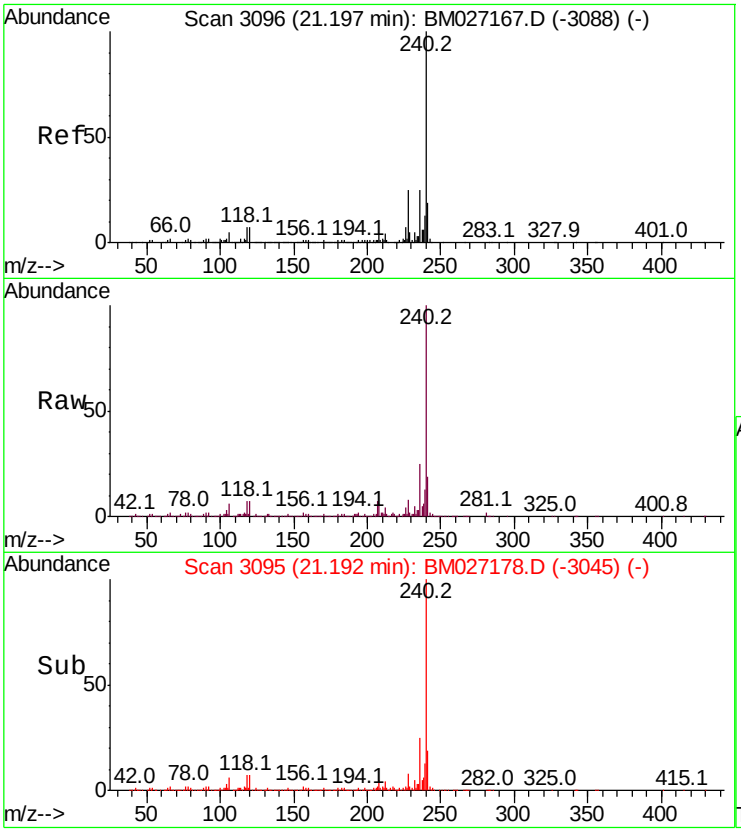


#75
Fluoranthene
Concen: 14.813 ng
RT: 19.06 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Tgt Ion:202 Resp: 377917

Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	27.2
203	17.0	0.0	37.1



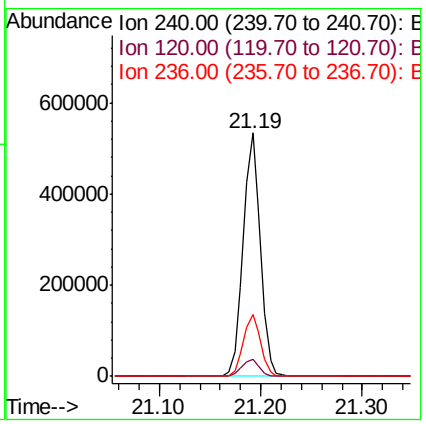


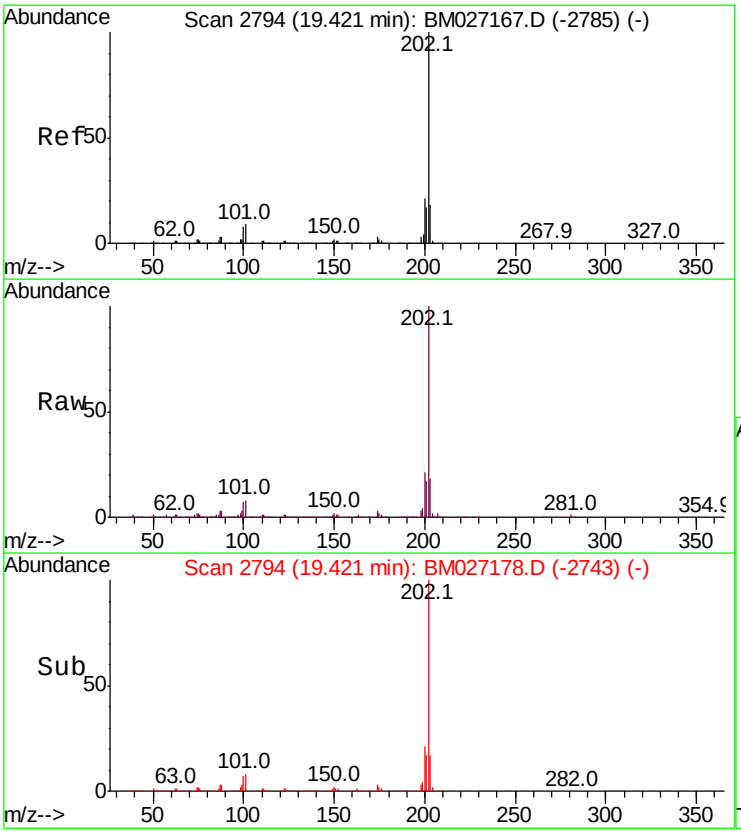
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tgt Ion:240 Resp: 629635

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.6	8.4
236	25.2	19.8	29.6

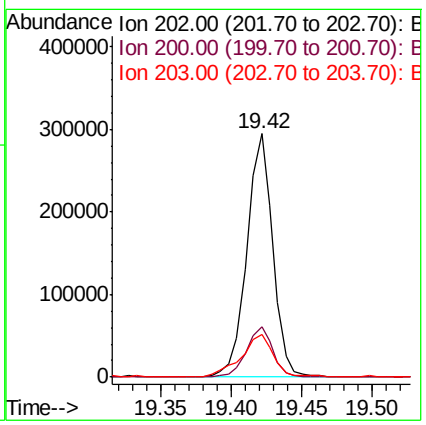


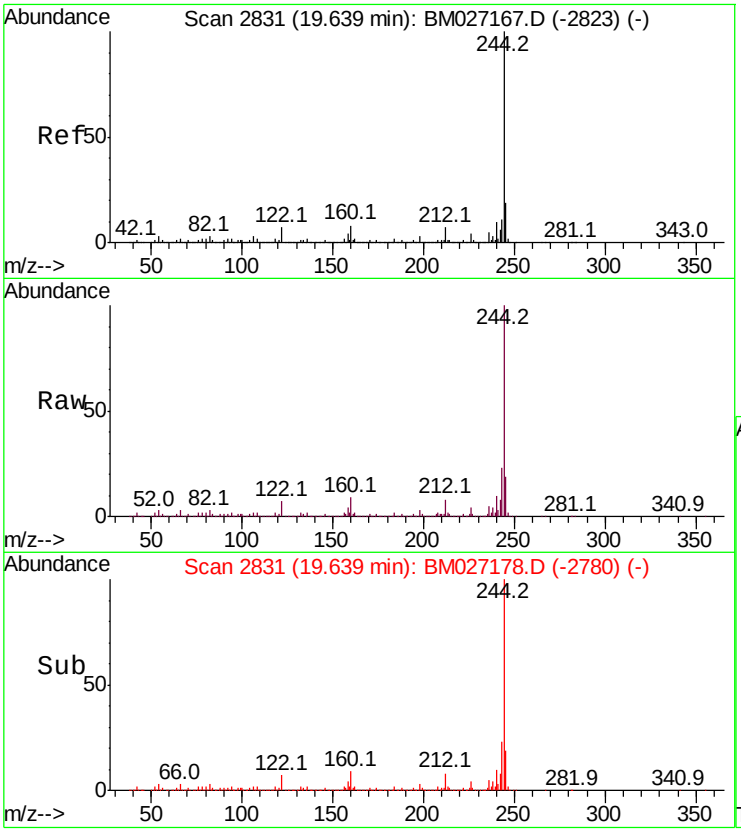


#78
Pyrene
Concen: 9.940 ng
RT: 19.42 min Scan# 2794
Delta R.T. 0.00 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Tgt Ion:202 Resp: 380816

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.6	14.0	21.0



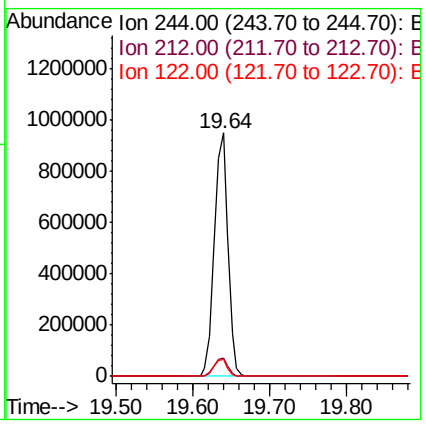


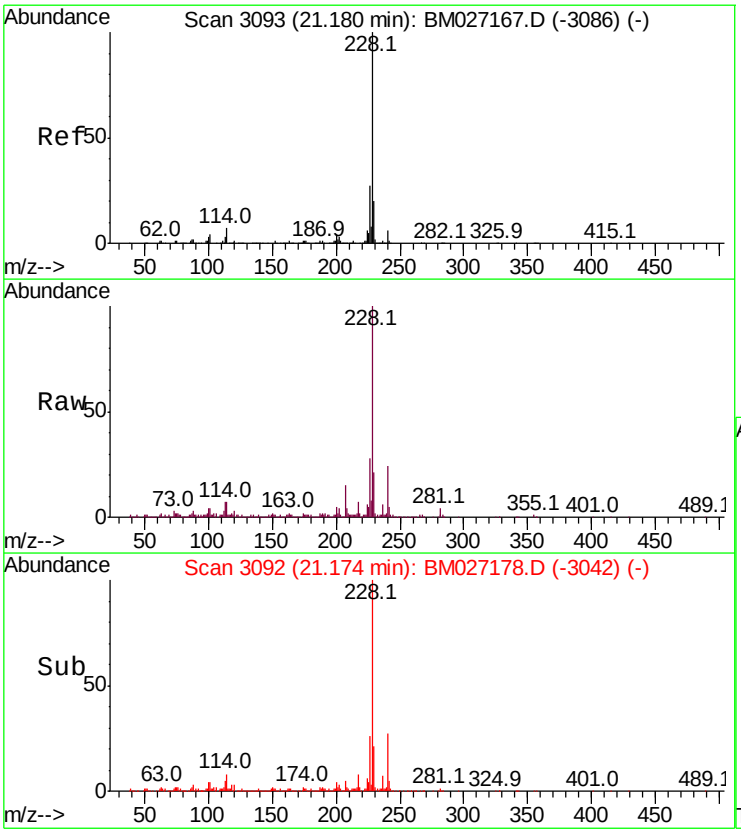
#79
Terphenyl-d14
Concen: 33.819 ng
RT: 19.64 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tgt Ion:244 Resp: 1139873

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	6.8	5.8	8.8

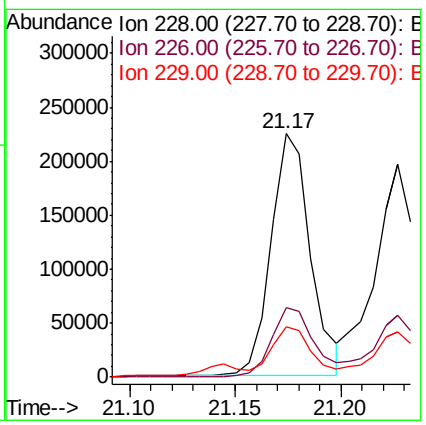


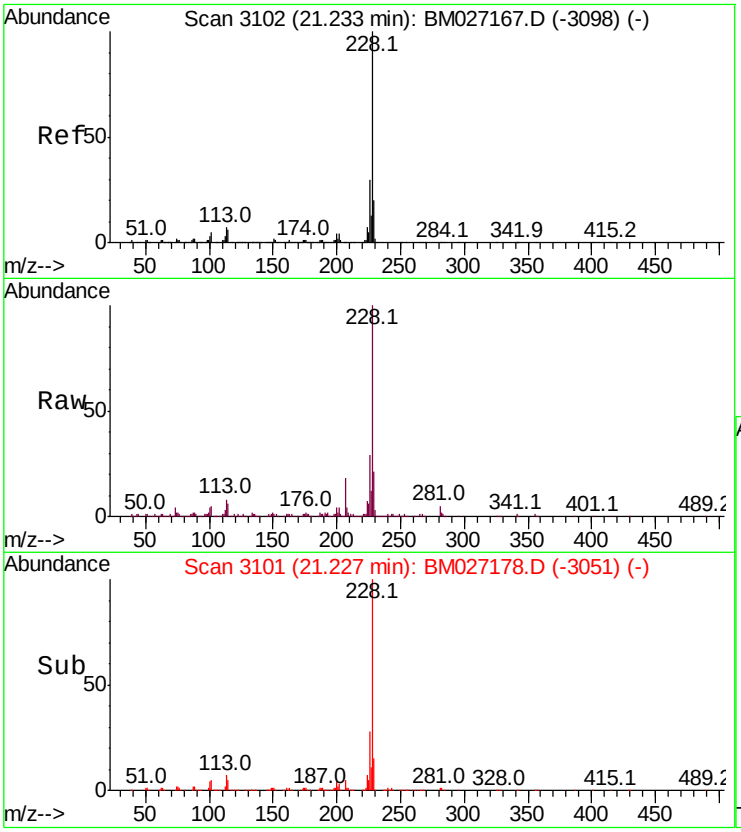


#81
Benzo(a)anthracene
Concen: 7.158 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Tgt Ion:228 Resp: 292032

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.4	32.2
229	20.8	15.8	23.6



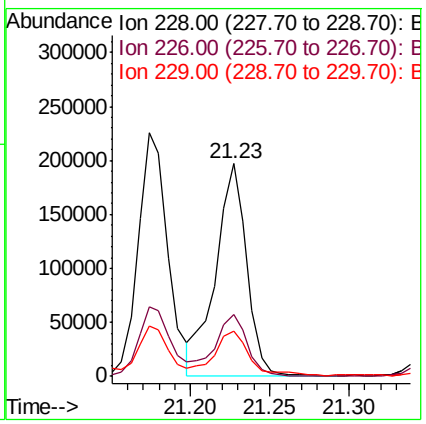


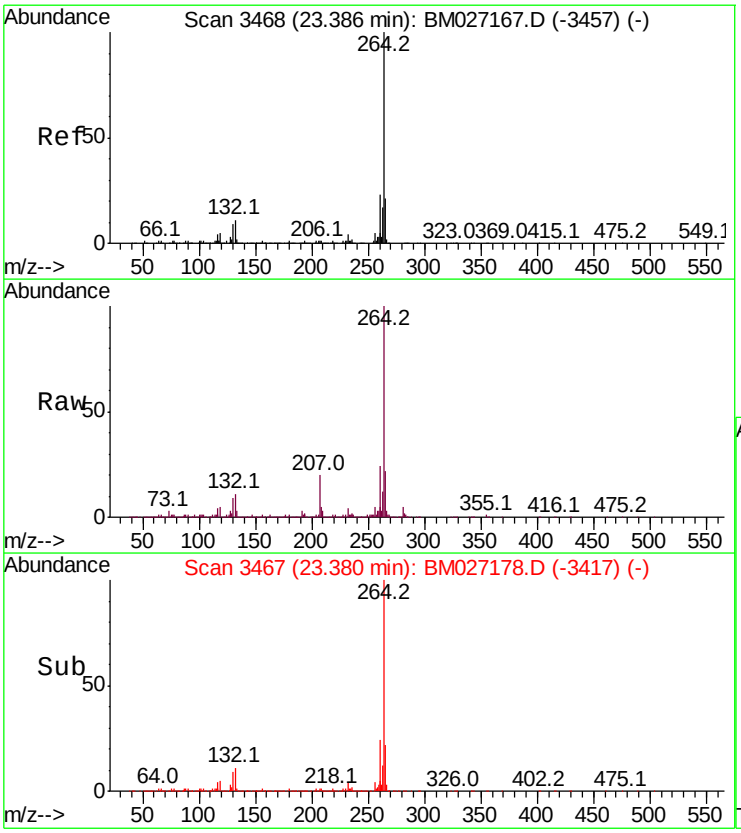
#83
Chrysene
Concen: 6.714 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tgt Ion:228 Resp: 266054

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.7	35.5
229	21.0	15.8	23.8

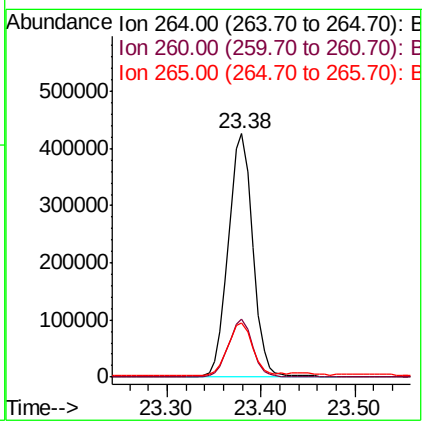


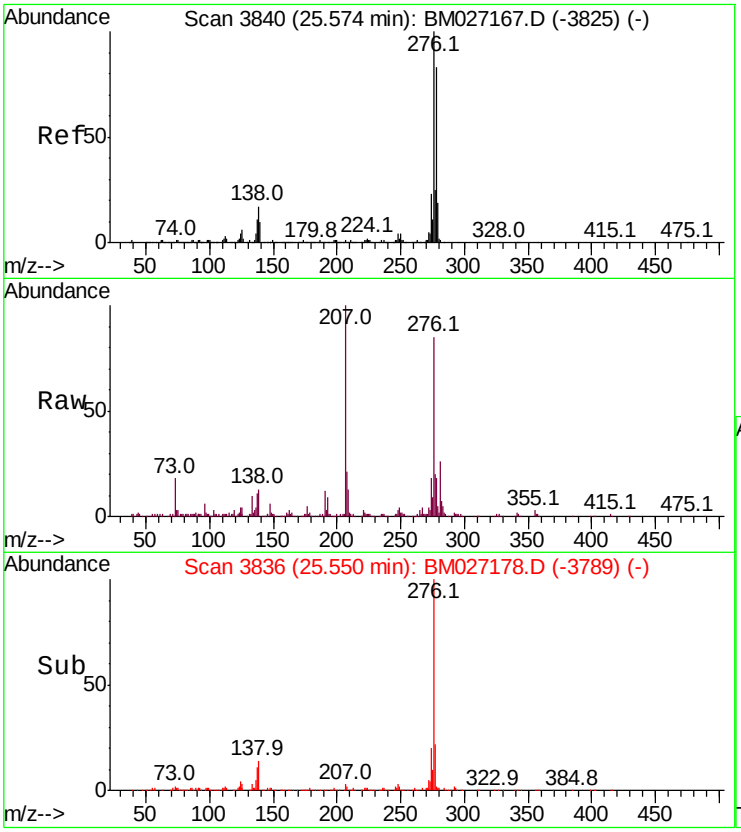


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Tgt Ion:264 Resp: 770799

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.3	17.5	26.3



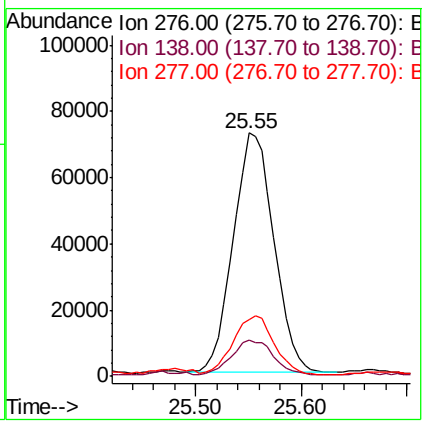


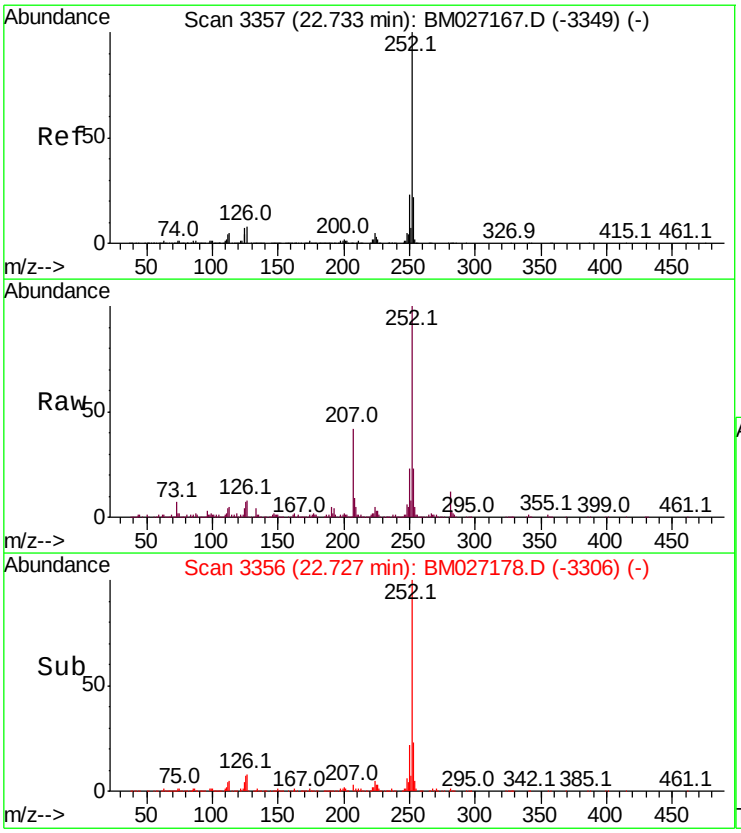
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.207 ng
RT: 25.55 min Scan# 3836
Delta R.T. -0.02 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tgt Ion:276 Resp: 193484

Ion	Ratio	Lower	Upper
276	100		
138	16.0	13.3	19.9
277	25.4	20.0	30.0

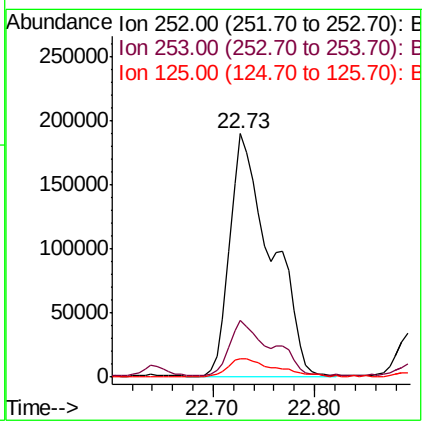


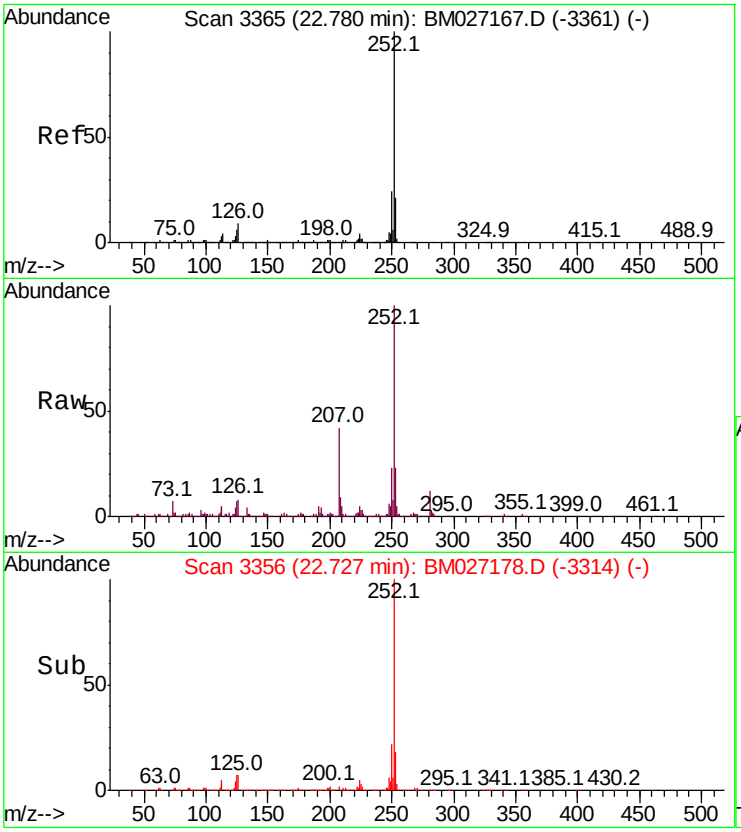


#88
Benzo(b)fluoranthene
Concen: 10.412 ng
RT: 22.73 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Tgt Ion:252 Resp: 535193

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	7.3	5.4	8.0



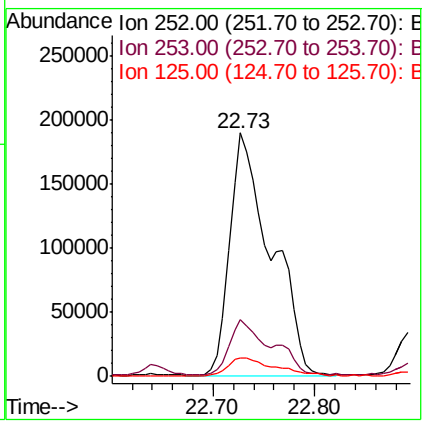


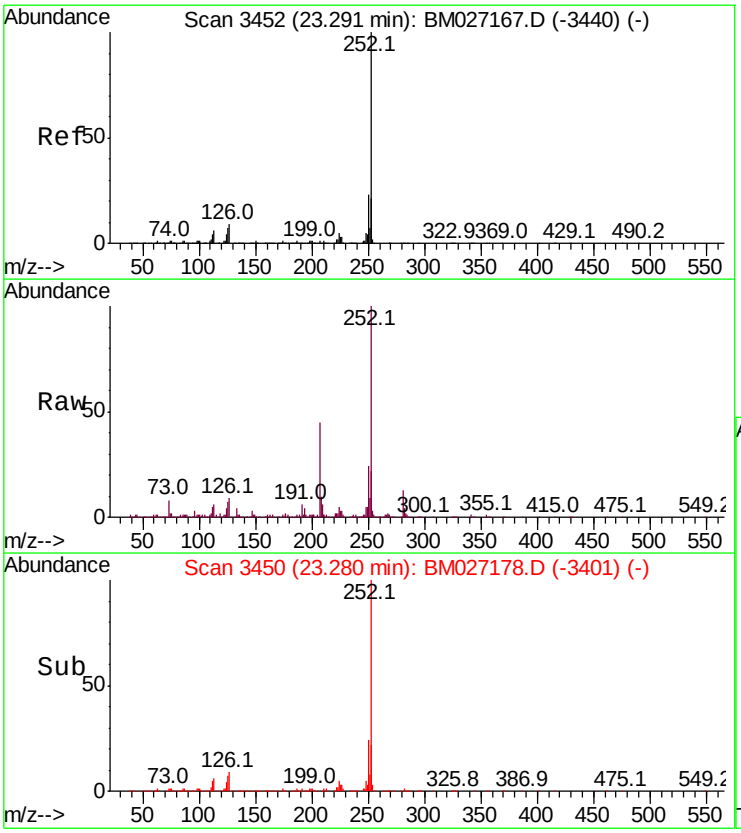
#89
Benzo(k)fluoranthene
Concen: 10.635 ng
RT: 22.73 min Scan# 3356
Delta R.T. -0.05 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tgt Ion:252 Resp: 535193

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	7.3	5.3	7.9

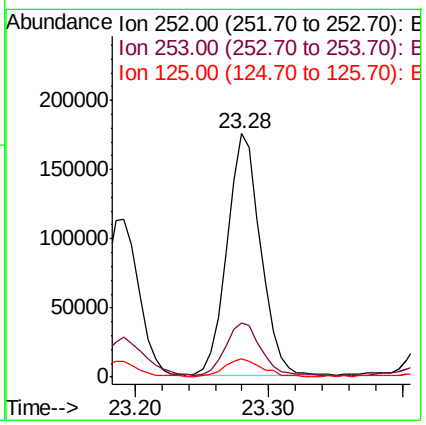


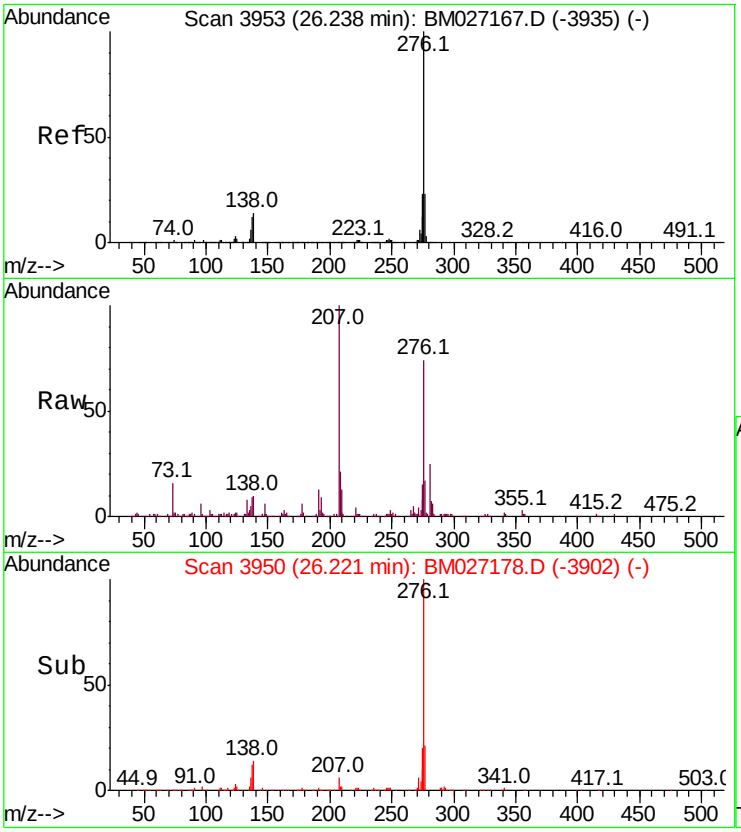


#90
Benzo(a)pyrene
Concen: 6.537 ng
RT: 23.28 min Scan# 3450
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Tgt Ion:252 Resp: 306752

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	7.4	5.8	8.6





#92
Benzo(g,h,i)perylene
Concen: 3.983 ng
RT: 26.22 min Scan# 3950
Delta R.T. -0.02 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tgt Ion:276 Resp: 192652

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	13.9	11.4	17.0