Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020221\
Data File : BM028630.D
Acq On : 02 Feb 2021 19:48
Operator : CG/JU
Sample : M1286-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ_BH_02_4-6

Quant Time: Feb 02 23:42:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 16:19:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	27599	20.00	ng		0.00
21) Naphthalene-d8	10.739	136	106932	20.00	ng		# 0.00
39) Acenaphthene-d10	14.580	164	57671	20.00	ng		0.00
64) Phenanthrene-d10	17.315	188	111774	20.00	ng		# 0.00
76) Chrysene-d12	21.456	240	108532	20.00	ng		#-0.01
86) Perylene-d12	23.715	264	111853	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	168538	96.46	ng		-0.01
7) Phenol-d6	7.104	99	210866	88.64	ng		-0.02
23) Nitrobenzene-d5	9.104	82	130488	57.88	ng		0.00
42) 2,4,6-Tribromophenol	16.068	330	71075	93.02	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	271923	59.16	ng		-0.01
79) Terphenyl-d14	19.915	244	313947	52.24	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.357	178	51024	7.42	ng		99
72) Anthracene	17.445	178	14841	2.24	ng		98
75) Fluoranthene	19.356	202	62047	8.04	ng		97
78) Pyrene	19.715	202	84322	10.84	ng		99
81) Benzo(a)anthracene	21.444	228	32755	4.37	ng		98
83) Chrysene	21.492	228	28261	3.91	ng		97
88) Benzo(b)fluoranthene	23.033	252	32956	4.34	ng	#	94
89) Benzo(k)fluoranthene	23.033	252	32956	4.44	ng	#	94
90) Benzo(a)pyrene	23.615	252	28264	4.02	ng	#	95
92) Benzo(g,h,i)perylene	26.703	276	16036	2.36	ng	#	91

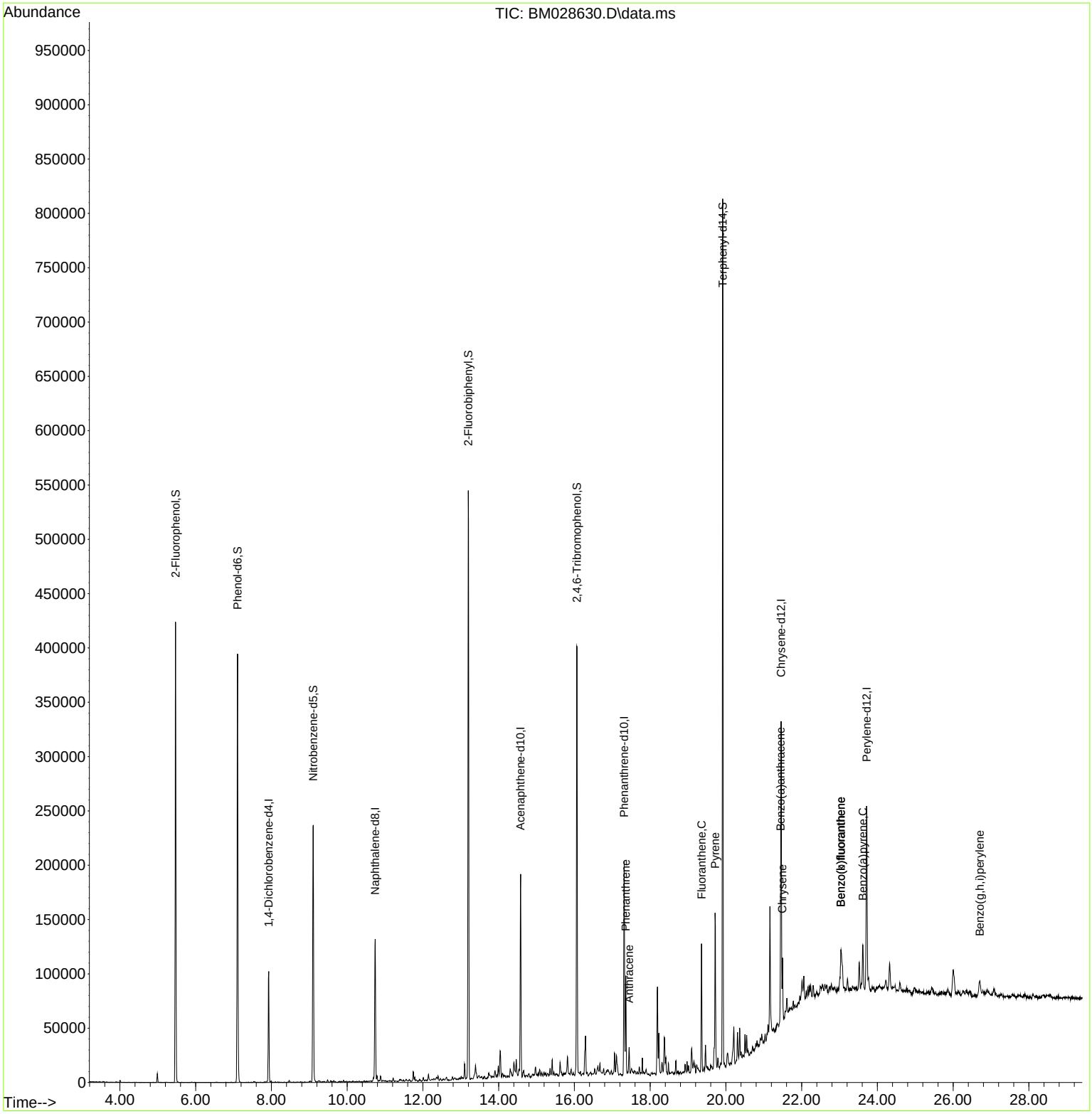
(#) = qualifier out of range (m) = manual integration (+) = signals summed

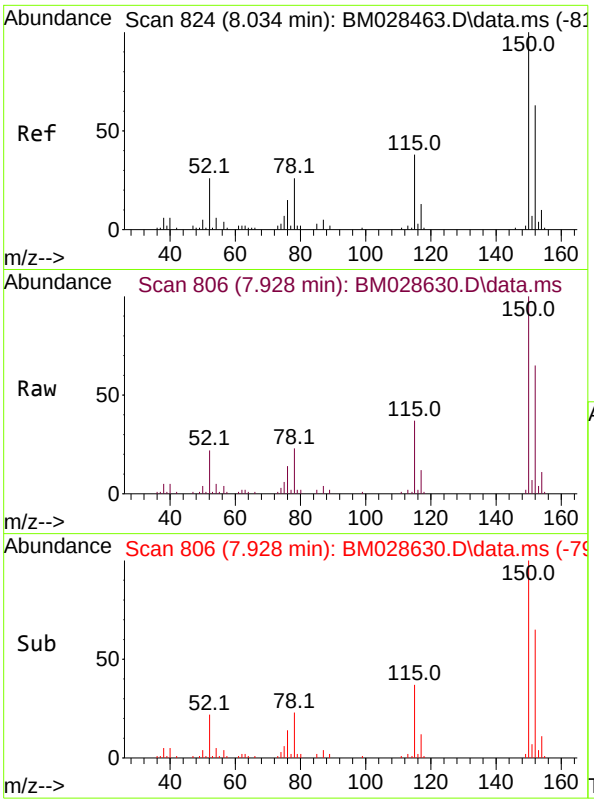
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020221\
Data File : BM028630.D
Acq On : 02 Feb 2021 19:48
Operator : CG/JU
Sample : M1286-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JJ_BH_02_4-6

Quant Time: Feb 02 23:42:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 16:19:07 2021
Response via : Initial Calibration

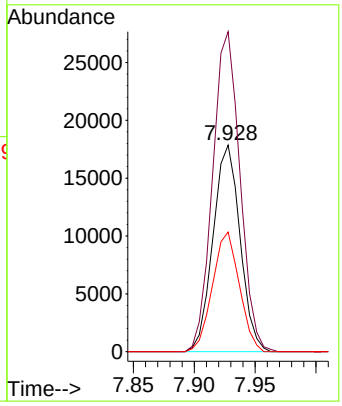




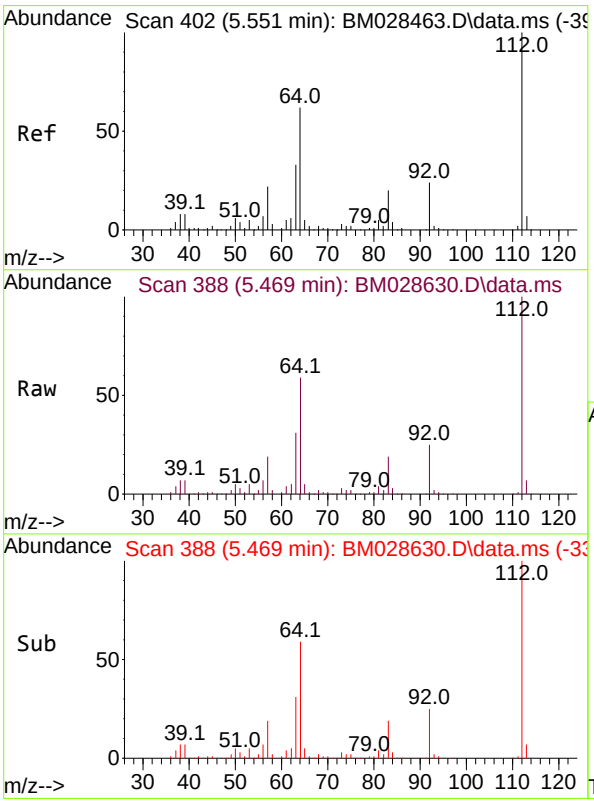
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:152 Resp: 27599

Ion	Ratio	Lower	Upper
152	100		
150	154.9	120.6	181.0
115	57.9	47.2	70.8



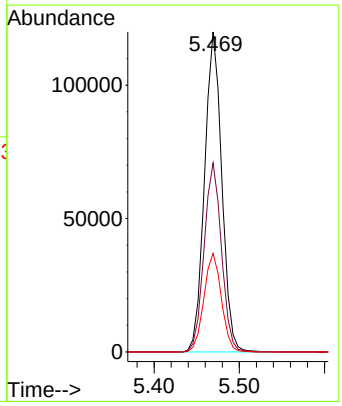
Instrument :
BNA_M
ClientSampleId :
JJ_BH_02_4-6



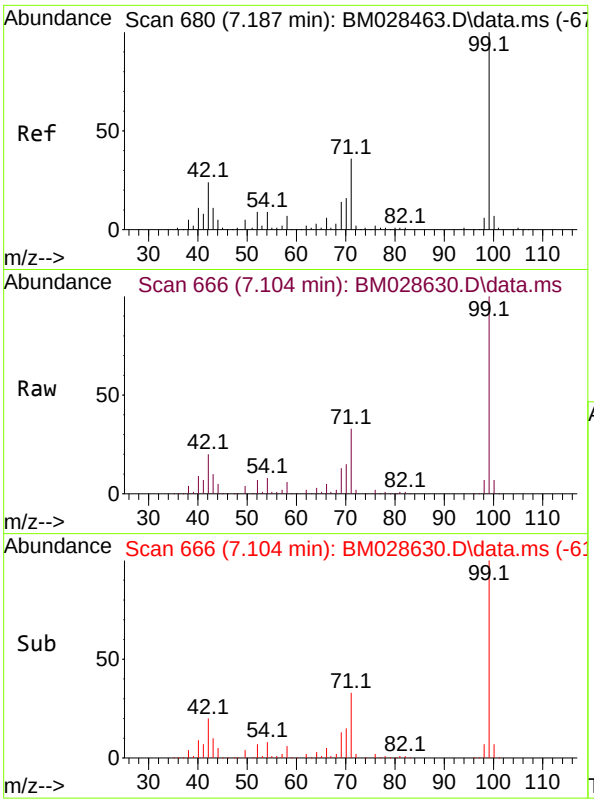
#5
2-Fluorophenol
Concen: 96.46 ng
RT: 5.469 min Scan# 388
Delta R.T. -0.012 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:112 Resp: 168538

Ion	Ratio	Lower	Upper
112	100		
64	59.0	50.6	76.0
63	30.8	31.0	46.6#



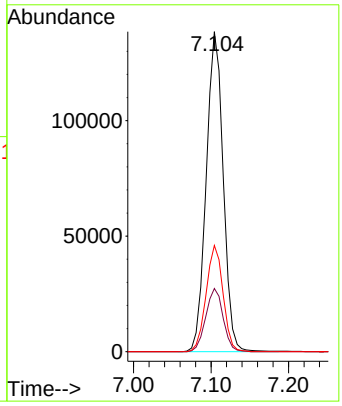
Instrument :
BNA_M
ClientSampleId :
JJ_BH_02_4-6

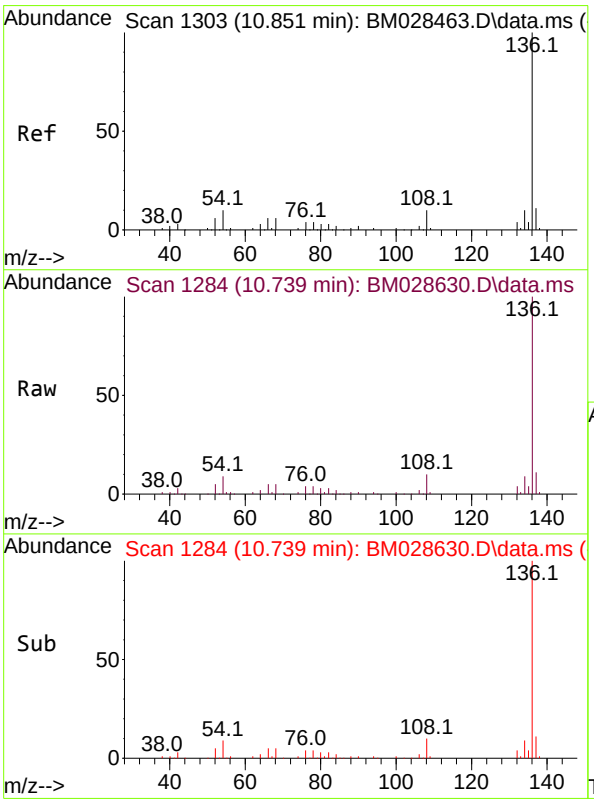


#7
Phenol-d6
Concen: 88.64 ng
RT: 7.104 min Scan# 666
Delta R.T. -0.018 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion: 99 Resp: 210866

Ion	Ratio	Lower	Upper
99	100		
42	19.8	13.5	20.3
71	33.2	39.4	59.0#

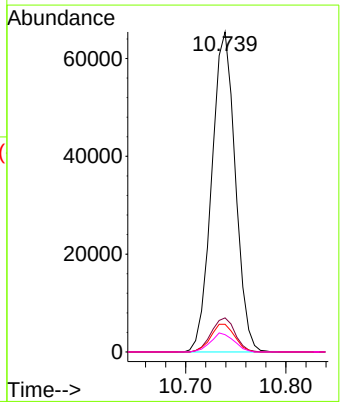




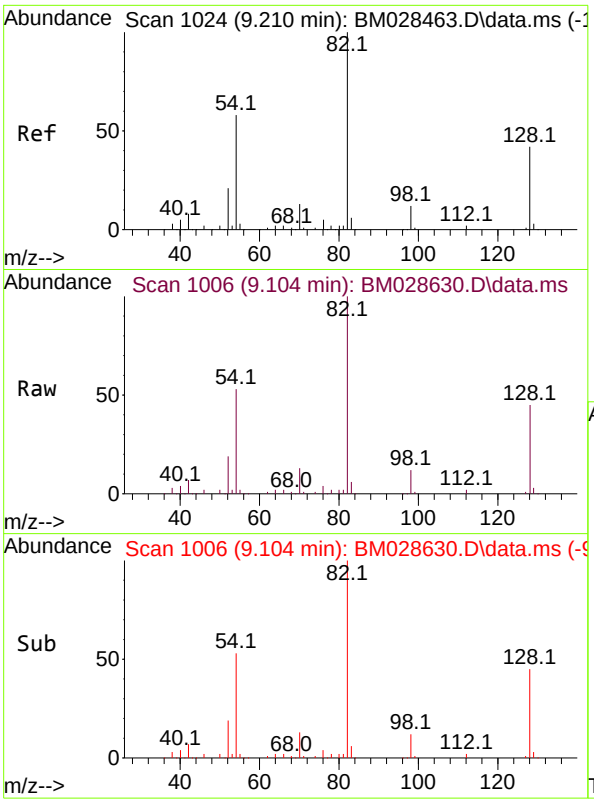
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:136 Resp: 106932

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	8.7	4.6	7.0#
68	5.4	4.1	6.1



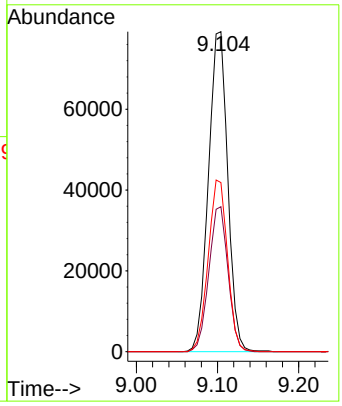
Instrument :
BNA_M
ClientSampleId :
JJ_BH_02_4-6

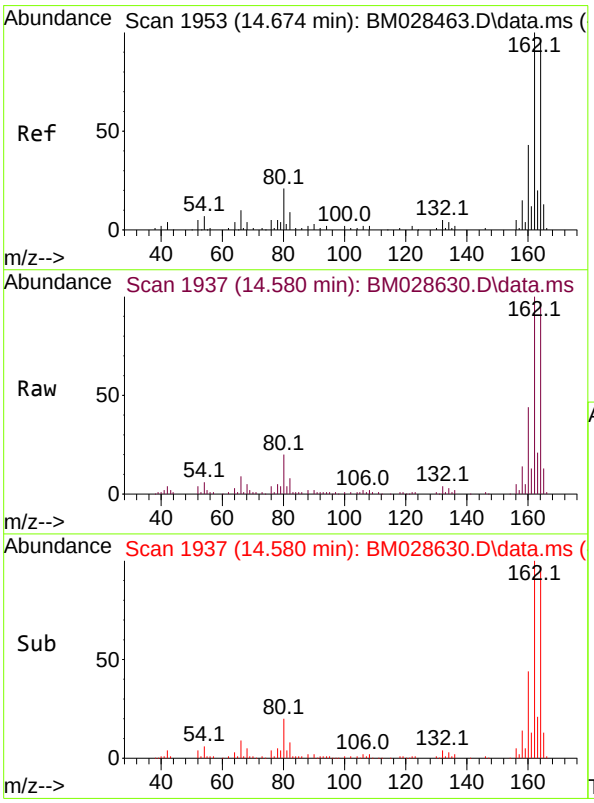


#23
Nitrobenzene-d5
Concen: 57.88 ng
RT: 9.104 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion: 82 Resp: 130488

Ion	Ratio	Lower	Upper
82	100		
128	45.3	27.4	41.0#
54	52.8	31.4	47.0#

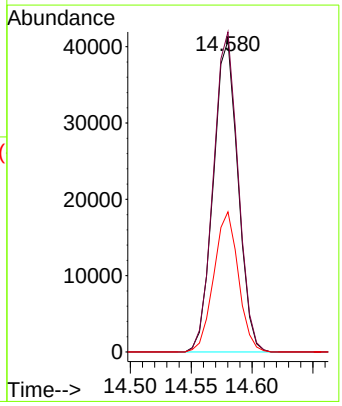




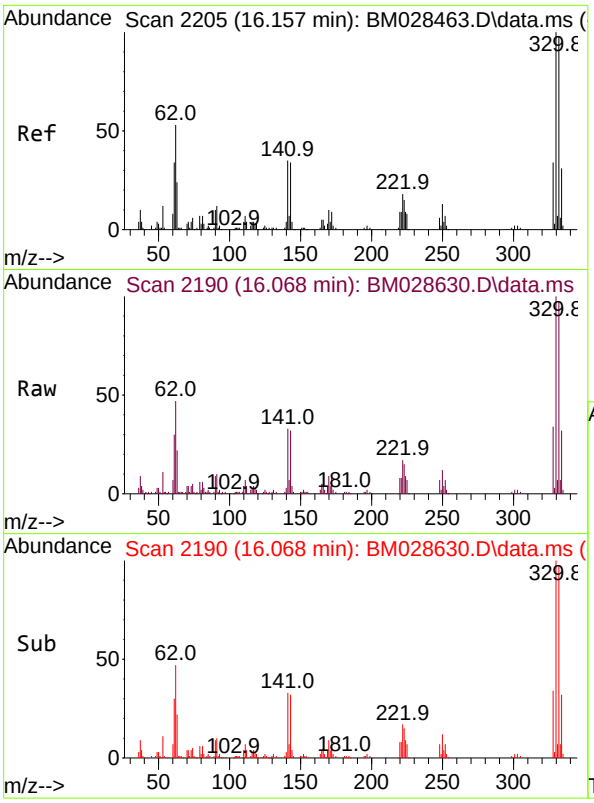
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:164 Resp: 57671

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.4	120.6
160	45.0	35.9	53.9



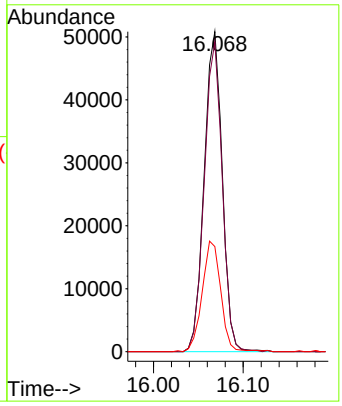
Instrument :
BNA_M
ClientSampleId :
JJ_BH_02_4-6

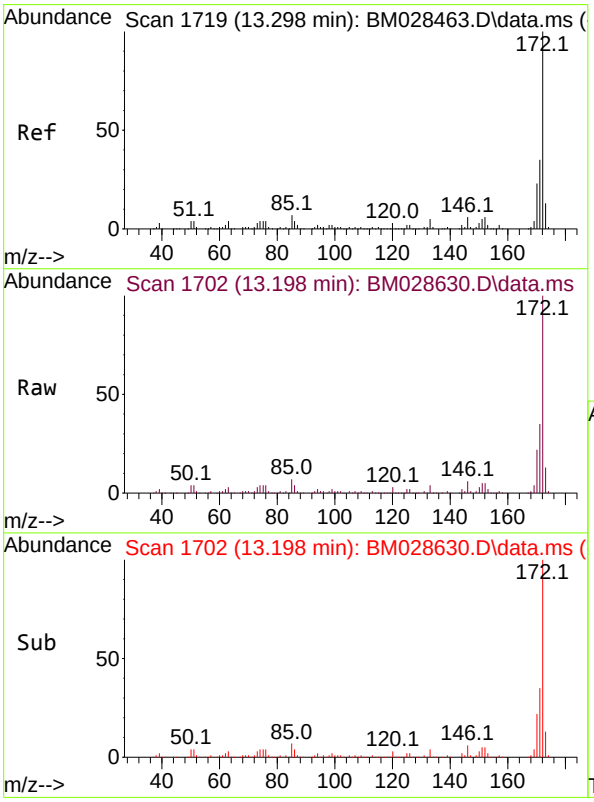


#42
2,4,6-Tribromophenol
Concen: 93.02 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:330 Resp: 71075

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.8	116.8
141	35.7	28.4	42.6

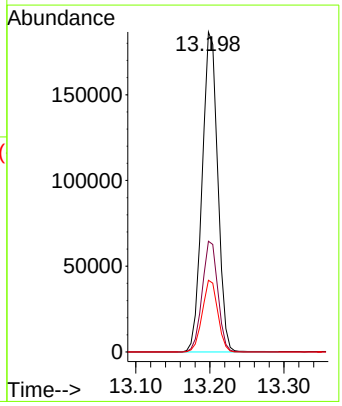


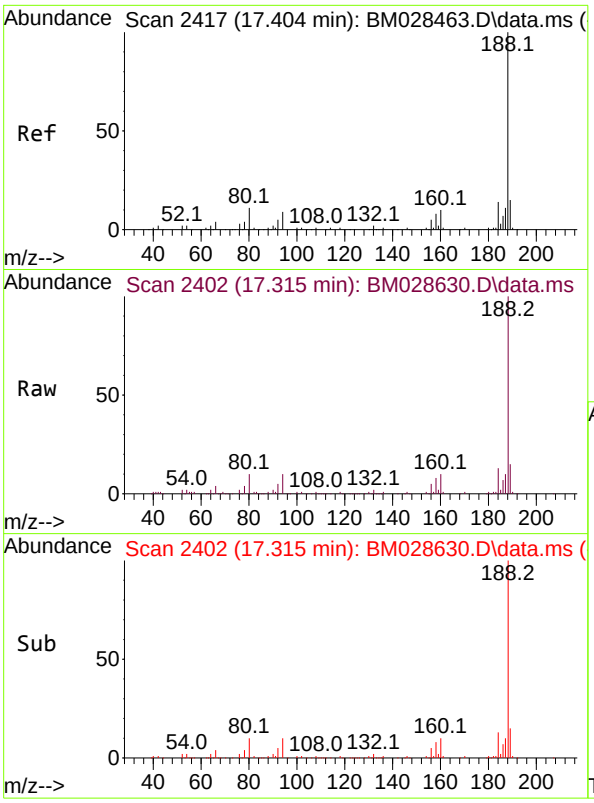


#45
2-Fluorobiphenyl
Concen: 59.16 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:172 Resp: 271923

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.8
170	22.4	18.6	27.8

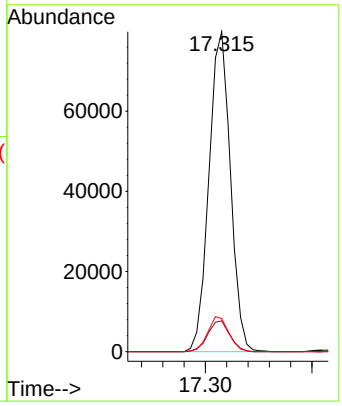




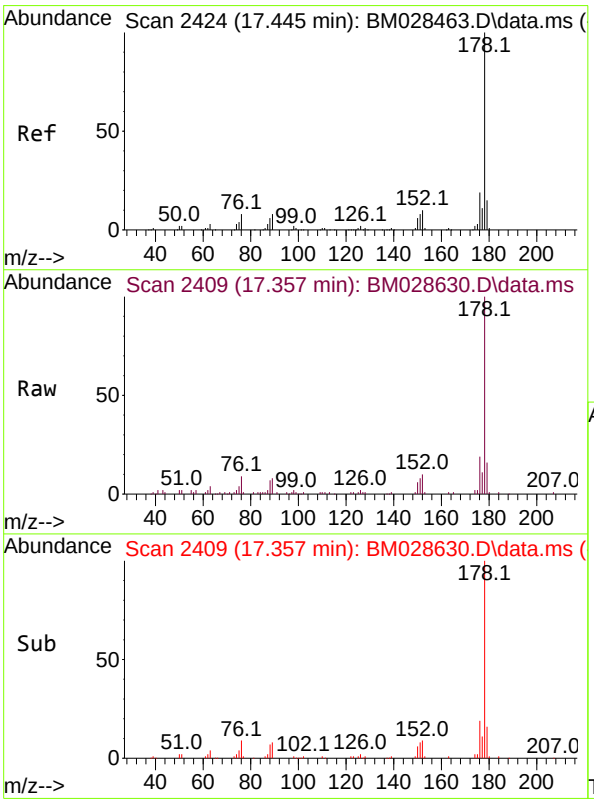
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.315 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:188 Resp: 111774

Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.2	9.4#
80	10.3	7.5	11.3



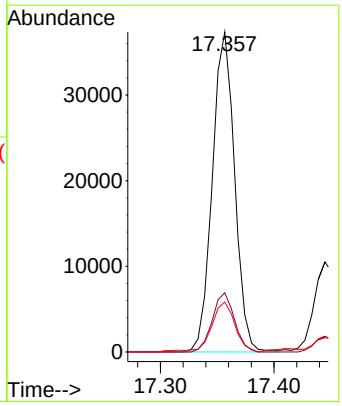
Instrument :
BNA_M
ClientSampleId :
JJ_BH_02_4-6

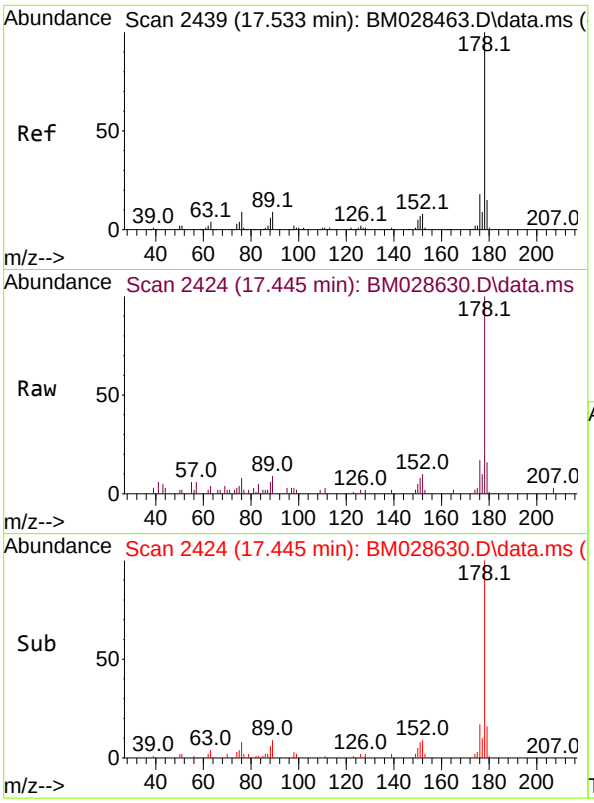


#71
Phenanthrene
Concen: 7.42 ng
RT: 17.357 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:178 Resp: 51024

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.6	12.2	18.4

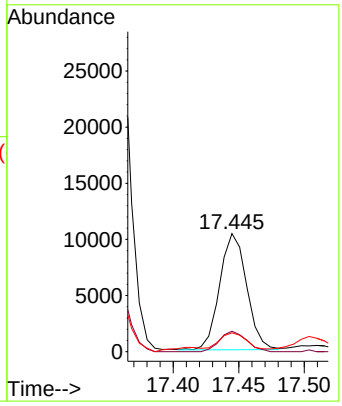




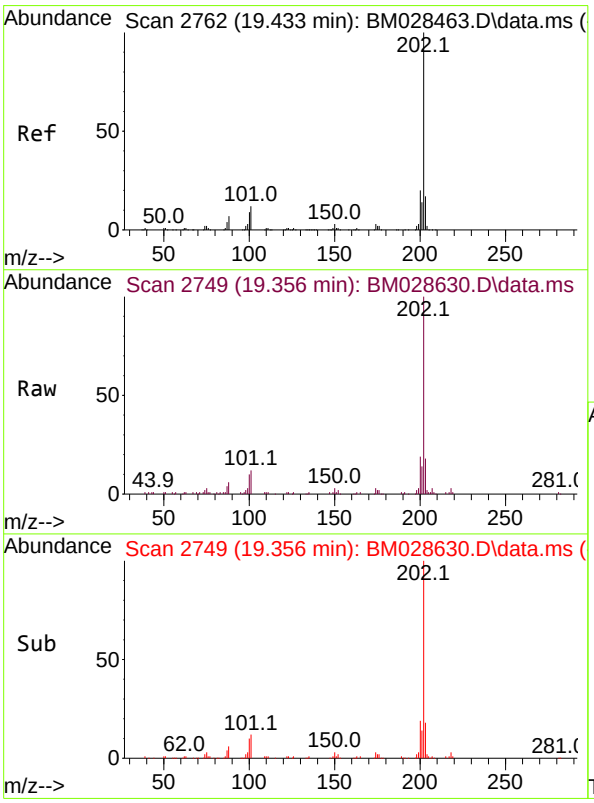
#72
Anthracene
Concen: 2.24 ng
RT: 17.445 min Scan# 2424
Delta R.T. -0.012 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:178 Resp: 14841

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.0	22.4
179	16.0	12.5	18.7



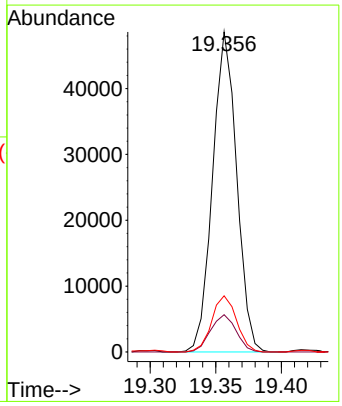
Instrument :
BNA_M
ClientSampleId :
JJ_BH_02_4-6



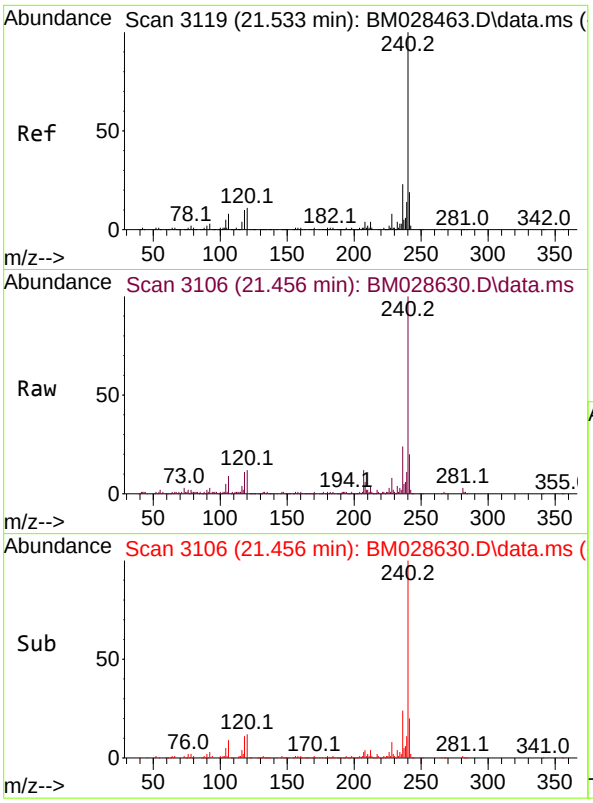
#75
Fluoranthene
Concen: 8.04 ng
RT: 19.356 min Scan# 2749
Delta R.T. -0.012 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:202 Resp: 62047

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	28.5
203	17.6	0.0	37.3



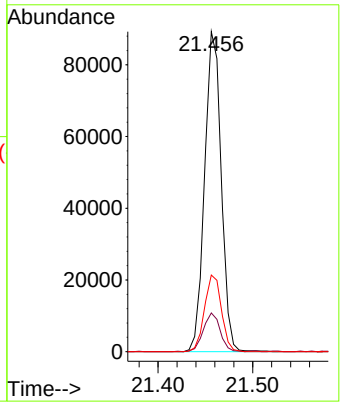
Instrument :
BNA_M
ClientSampleId :
JJ_BH_02_4-6

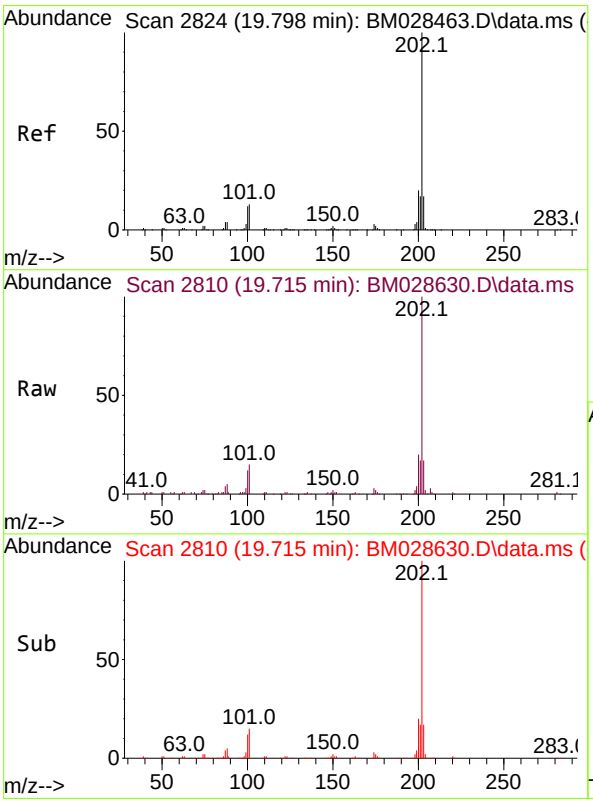


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:240 Resp: 108532

Ion	Ratio	Lower	Upper
240	100		
120	12.1	6.4	9.6#
236	24.0	20.1	30.1

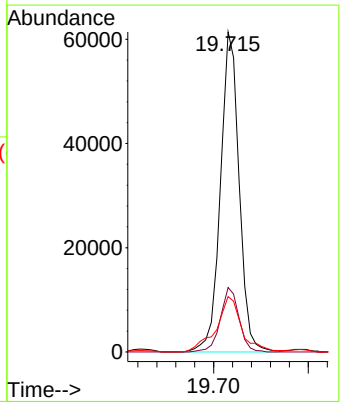


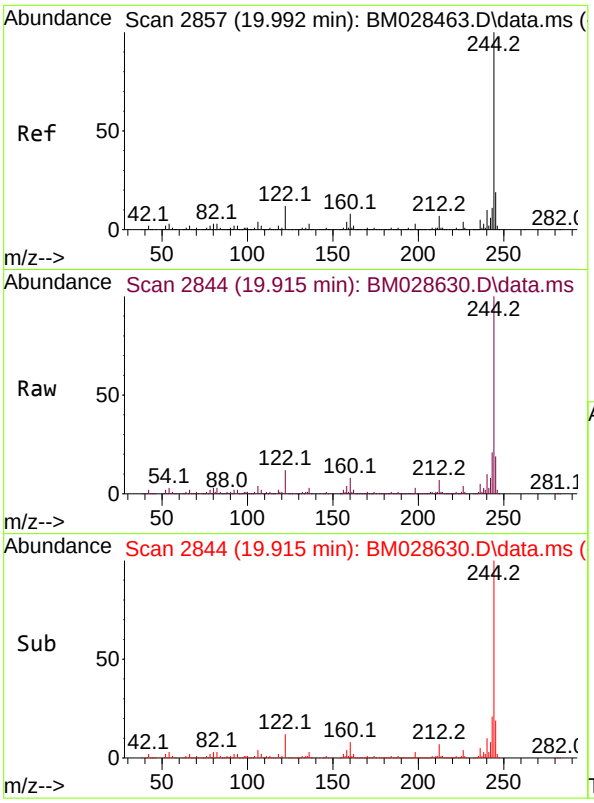


#78
Pyrene
Concen: 10.84 ng
RT: 19.715 min Scan# 2810
Delta R.T. -0.012 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:202 Resp: 84322

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	24.8
203	17.3	13.8	20.6

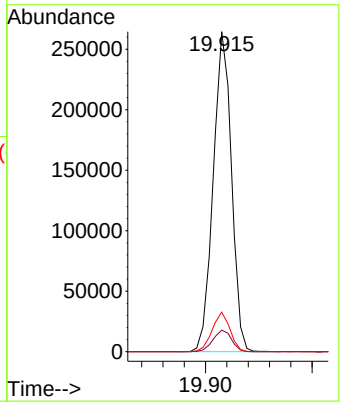




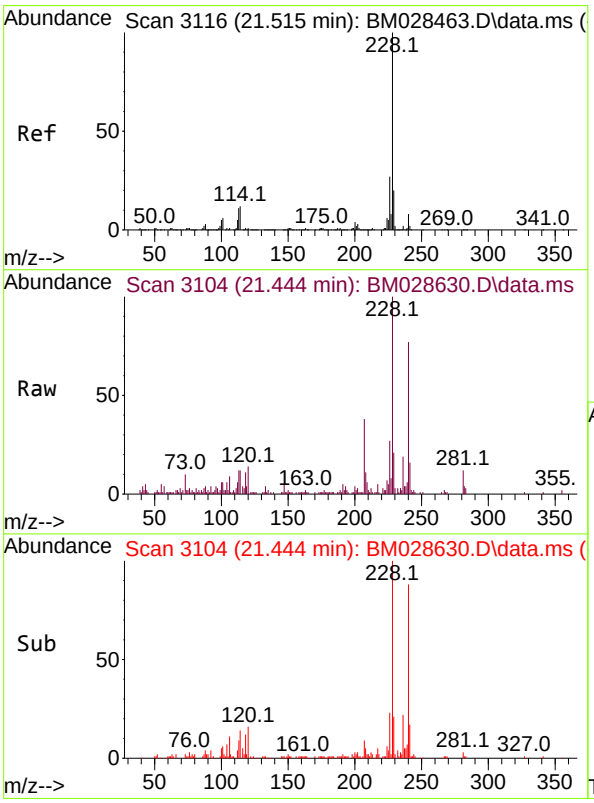
#79
Terphenyl-d14
Concen: 52.24 ng
RT: 19.915 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:244 Resp: 313947

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	12.4	6.5	9.7#



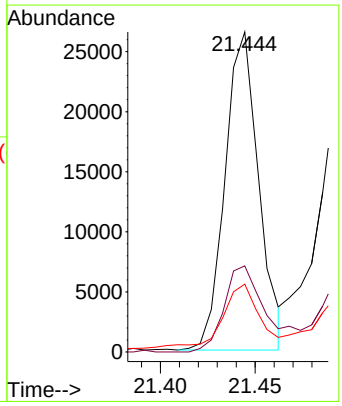
Instrument :
BNA_M
ClientSampleId :
JJ_BH_02_4-6



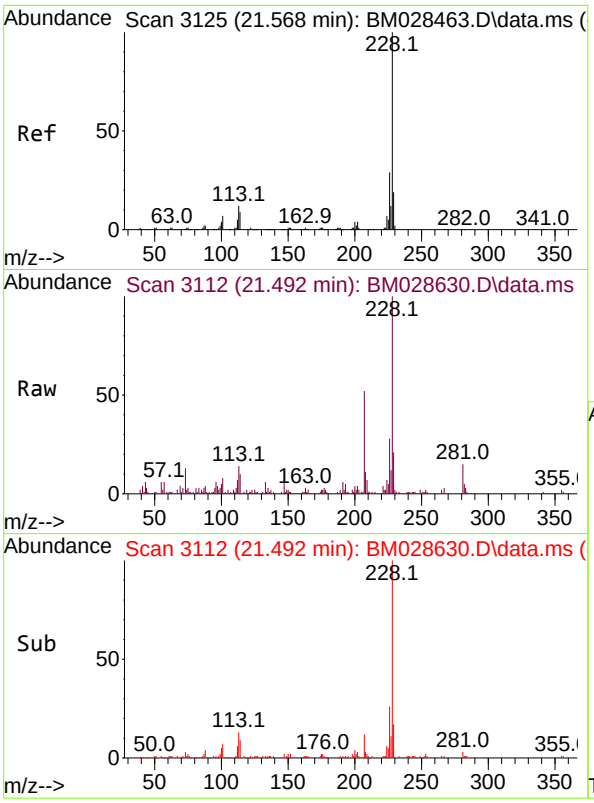
#81
Benzo(a)anthracene
Concen: 4.37 ng
RT: 21.444 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:228 Resp: 32755

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.1	31.7
229	21.2	15.7	23.5



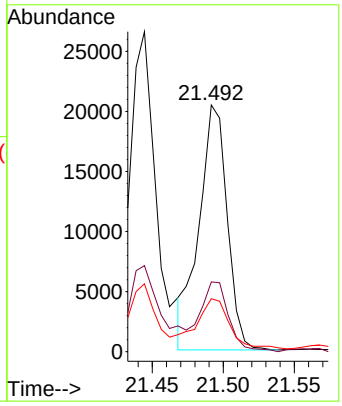
Instrument :
BNA_M
ClientSampleId :
JJ_BH_02_4-6

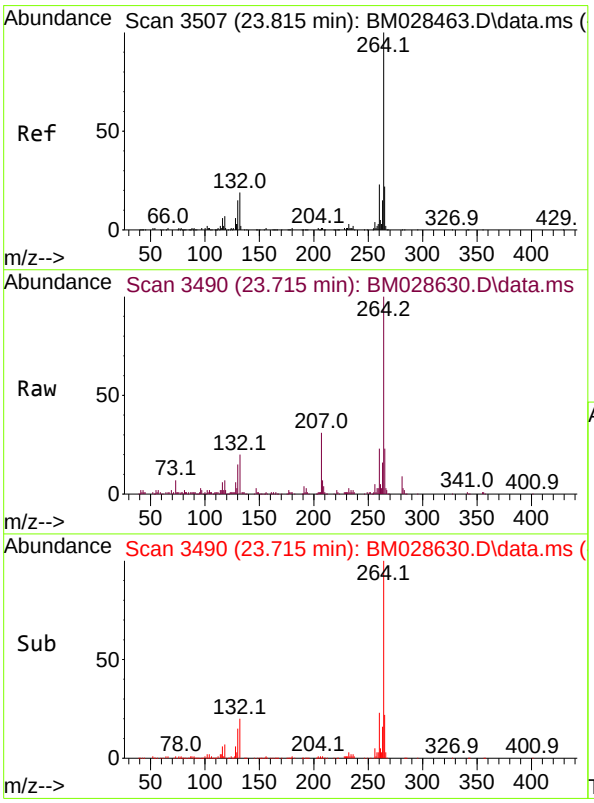


#83
Chrysene
Concen: 3.91 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:228 Resp: 28261

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.0
229	21.5	15.7	23.5

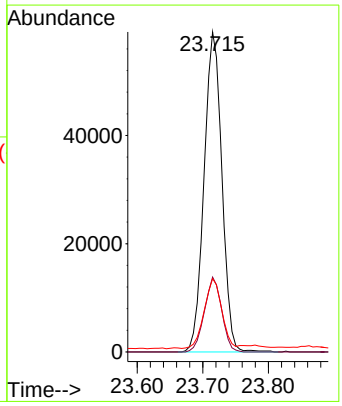




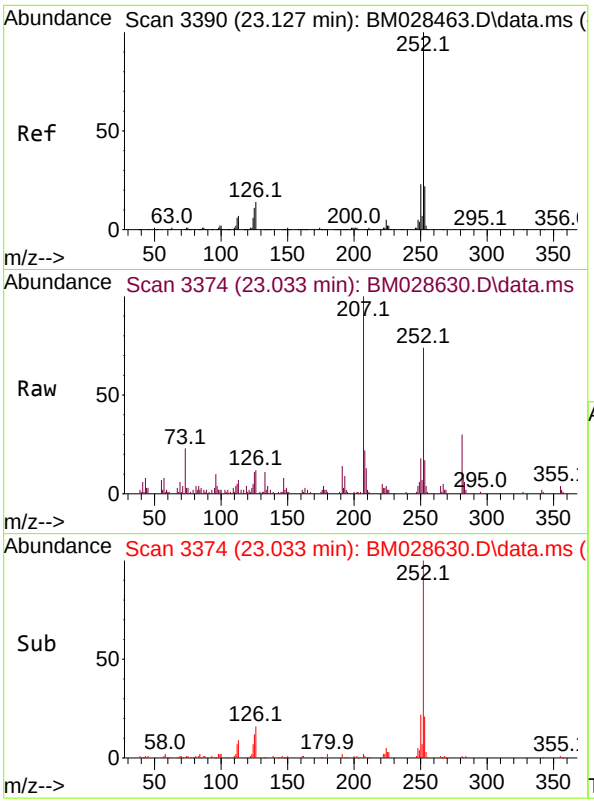
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.715 min Scan# 3490
Delta R.T. -0.012 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:264 Resp: 111853

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	22.9	17.7	26.5



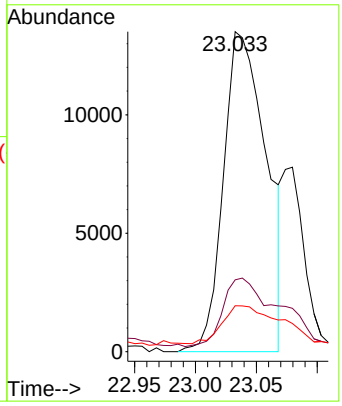
Instrument :
BNA_M
ClientSampleId :
JJ_BH_02_4-6

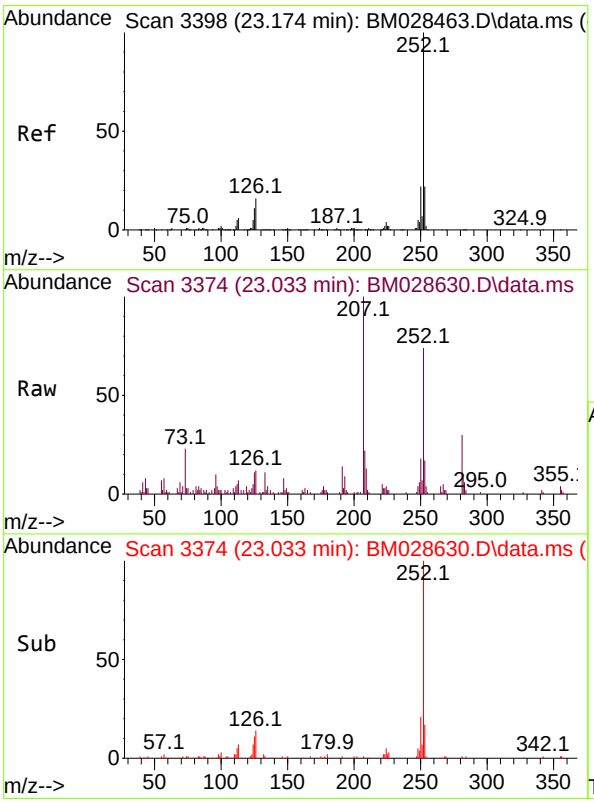


#88
Benzo(b)fluoranthene
Concen: 4.34 ng
RT: 23.033 min Scan# 3374
Delta R.T. -0.018 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:252 Resp: 32956

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	14.4	5.7	8.5#

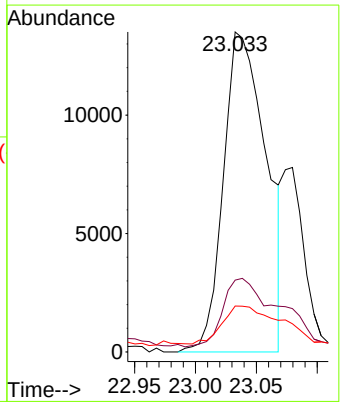




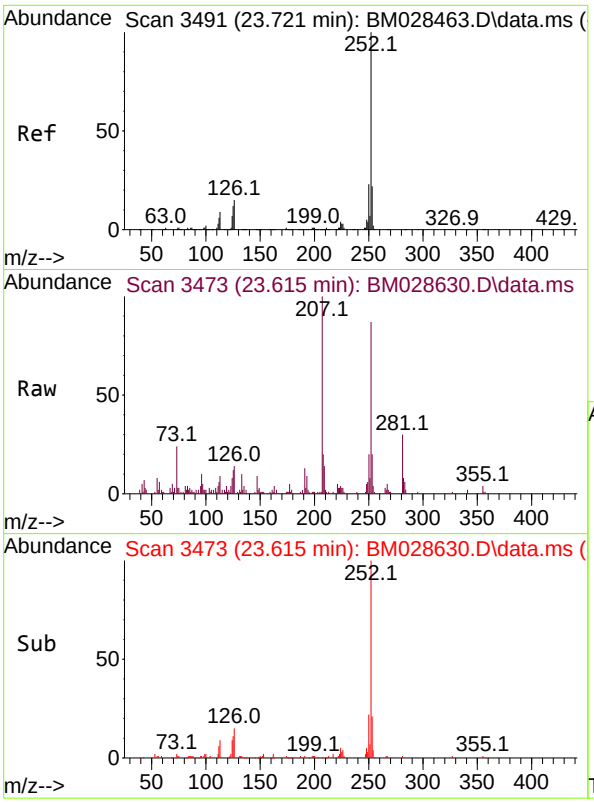
#89
Benzo(k)fluoranthene
Concen: 4.44 ng
RT: 23.033 min Scan# 3374
Delta R.T. -0.059 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:252 Resp: 32956

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	14.4	5.6	8.4#



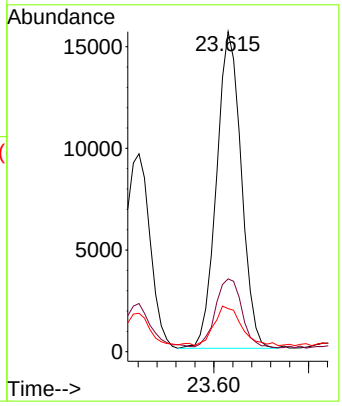
Instrument :
BNA_M
ClientSampleId :
JJ_BH_02_4-6

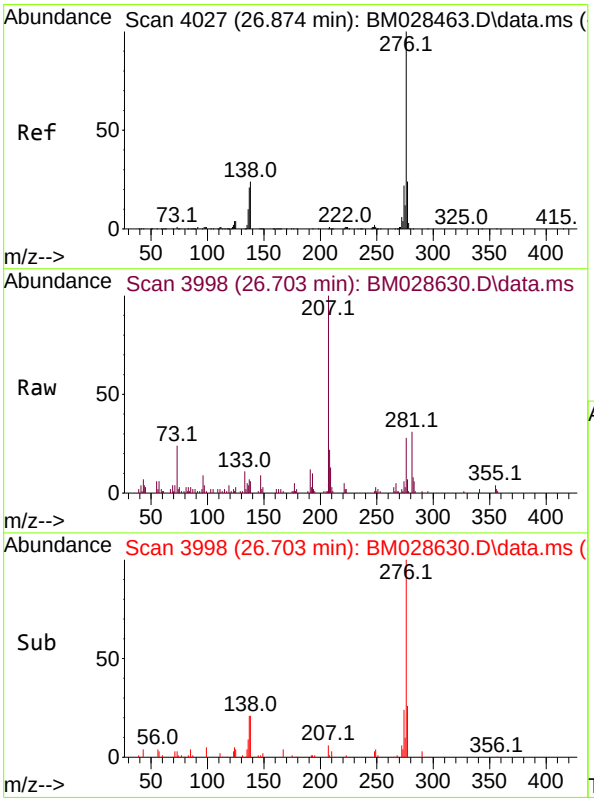


#90
Benzo(a)pyrene
Concen: 4.02 ng
RT: 23.615 min Scan# 3473
Delta R.T. -0.018 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:252 Resp: 28264

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	13.4	6.6	9.8#





#92
Benzo(g,h,i)perylene
Concen: 2.36 ng
RT: 26.703 min Scan# 3998
Delta R.T. -0.030 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:276 Resp: 16036

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	23.0	12.2	18.2#