Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028883.D
Acq On : 24 Feb 2021 17:31
Operator : CG/JU
Sample : M1469-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TR-08-022321

Quant Time: Feb 25 00:11:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 23 16:39:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	19210	20.00	ng		0.00
21) Naphthalene-d8	10.604	136	79854	20.00	ng		#-0.01
39) Acenaphthene-d10	14.463	164	46923	20.00	ng		-0.01
64) Phenanthrene-d10	17.210	188	88071	20.00	ng		0.00
76) Chrysene-d12	21.368	240	61459	20.00	ng		# 0.00
86) Perylene-d12	23.580	264	63435	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	167323	144.37	ng		0.00
7) Phenol-d6	6.998	99	216251	141.27	ng		0.00
23) Nitrobenzene-d5	8.981	82	130331	88.06	ng		-0.01
42) 2,4,6-Tribromophenol	15.963	330	72960	131.19	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	294930	83.67	ng		0.00
79) Terphenyl-d14	19.821	244	279733	84.04	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.022	94	5483	3.60	ng		93
71) Phenanthrene	17.251	178	28807	5.49	ng		97
75) Fluoranthene	19.257	202	44926	7.80	ng		97
78) Pyrene	19.621	202	33824	7.49	ng		99
81) Benzo(a)anthracene	21.351	228	15204	3.56	ng		94
83) Chrysene	21.403	228	16181	3.89	ng		96
88) Benzo(b)fluoranthene	22.921	252	27206	6.07	ng	#	94
89) Benzo(k)fluoranthene	22.921	252	27206	6.39	ng	#	94
90) Benzo(a)pyrene	23.486	252	13546	3.31	ng	#	94
92) Benzo(g,h,i)perylene	26.485	276	9241	2.30	ng	#	91

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

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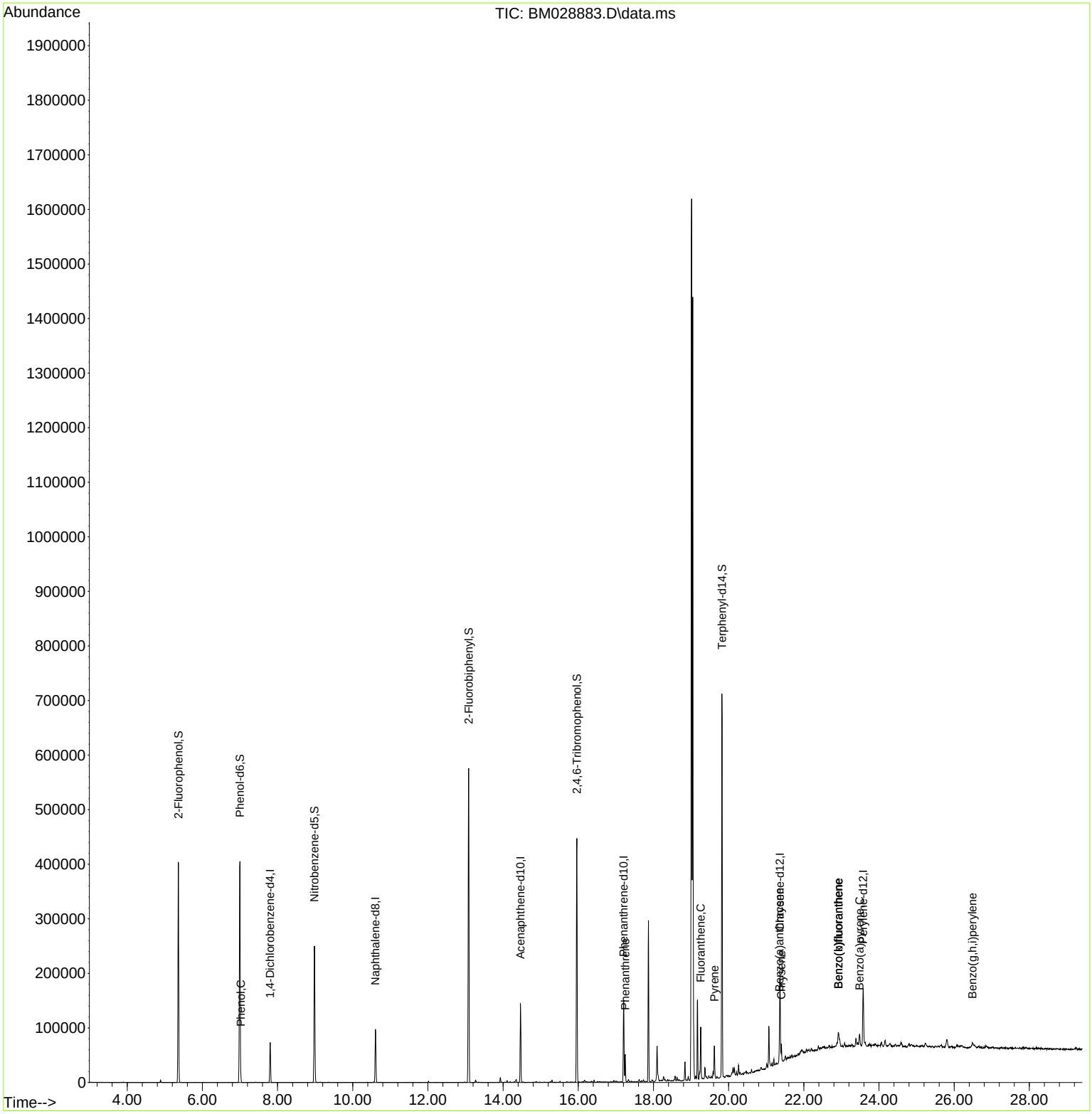
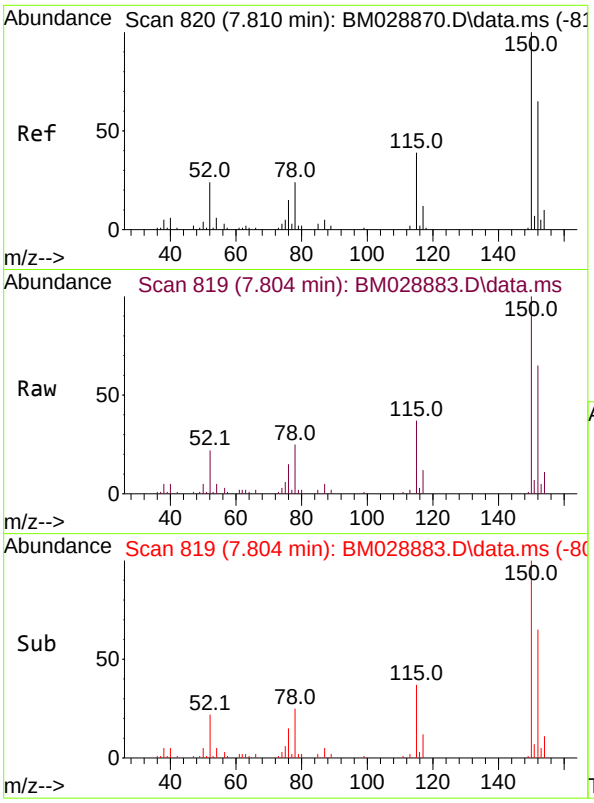
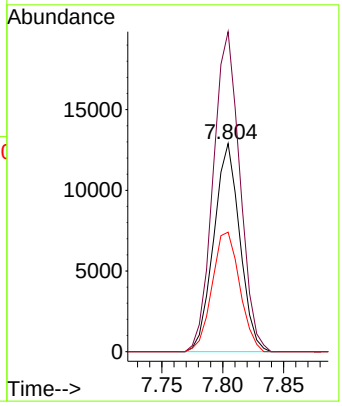




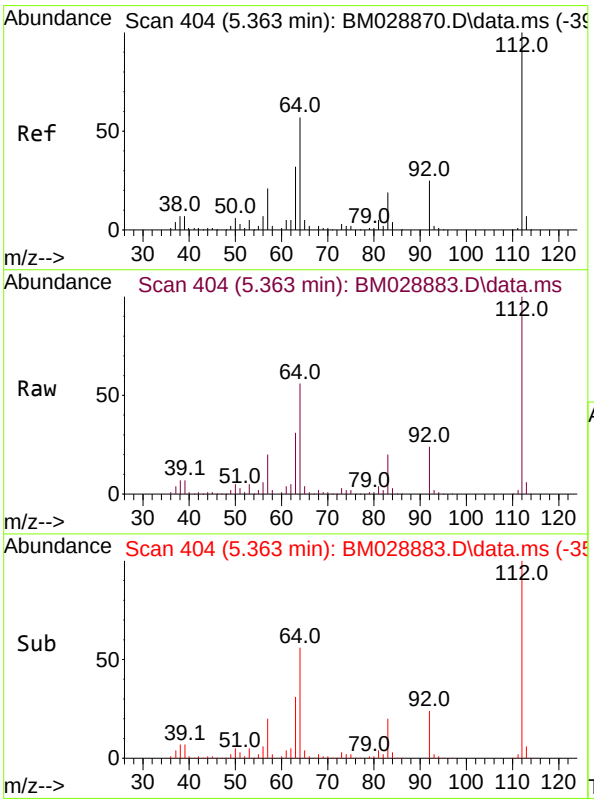
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:152 Resp: 19210

Ion	Ratio	Lower	Upper
152	100		
150	153.7	120.6	181.0
115	57.4	47.2	70.8



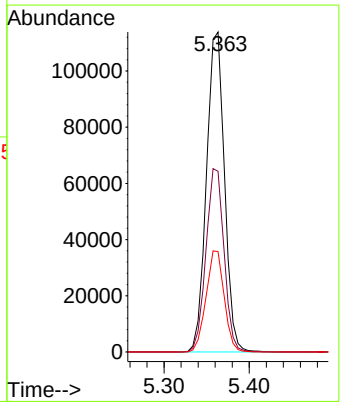
Instrument :
BNA_M
ClientSampleId :
TR-08-022321



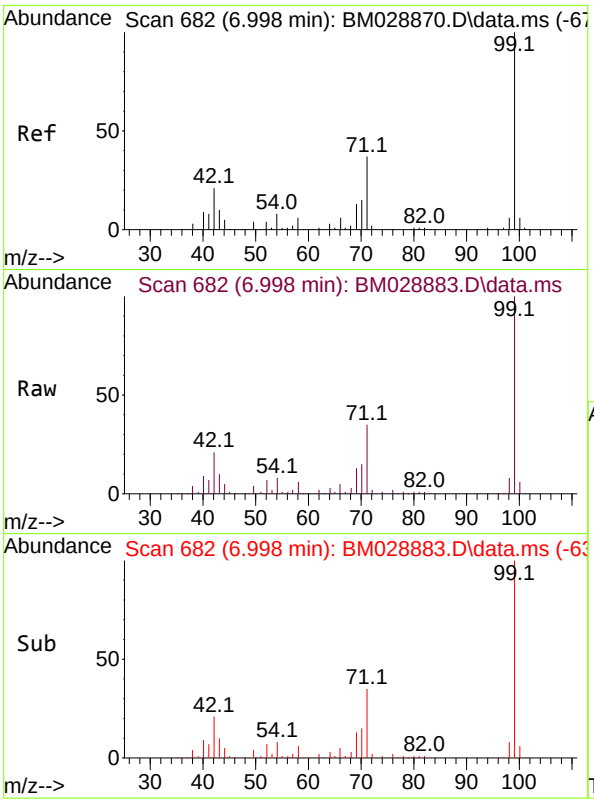
#5
2-Fluorophenol
Concen: 144.37 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:112 Resp: 167323

Ion	Ratio	Lower	Upper
112	100		
64	56.5	50.6	76.0
63	31.4	31.0	46.6



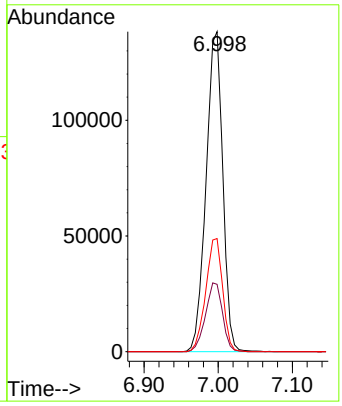
Instrument :
BNA_M
ClientSampleId :
TR-08-022321

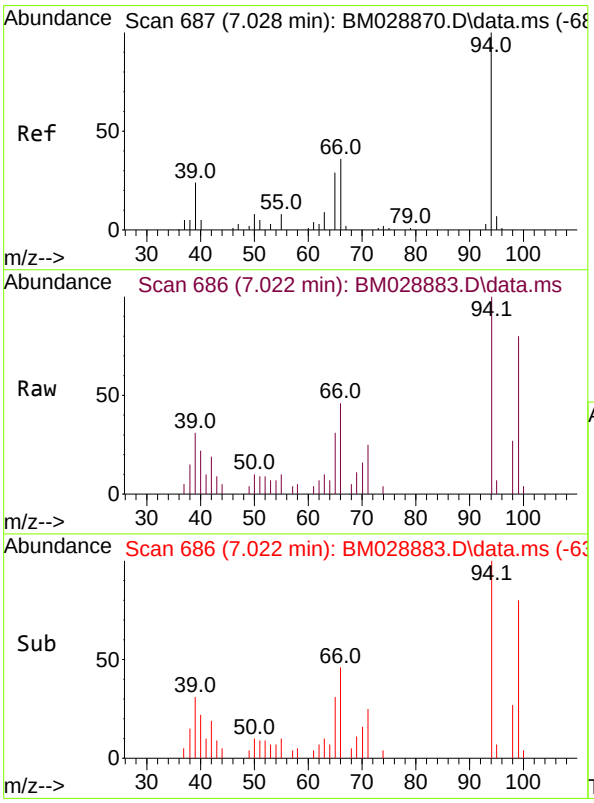


#7
Phenol-d6
Concen: 141.27 ng
RT: 6.998 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion: 99 Resp: 216251

Ion	Ratio	Lower	Upper
99	100		
42	21.1	13.5	20.3#
71	35.4	39.4	59.0#

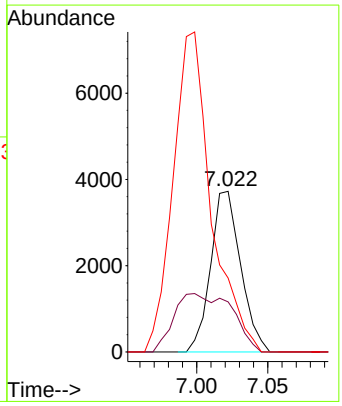




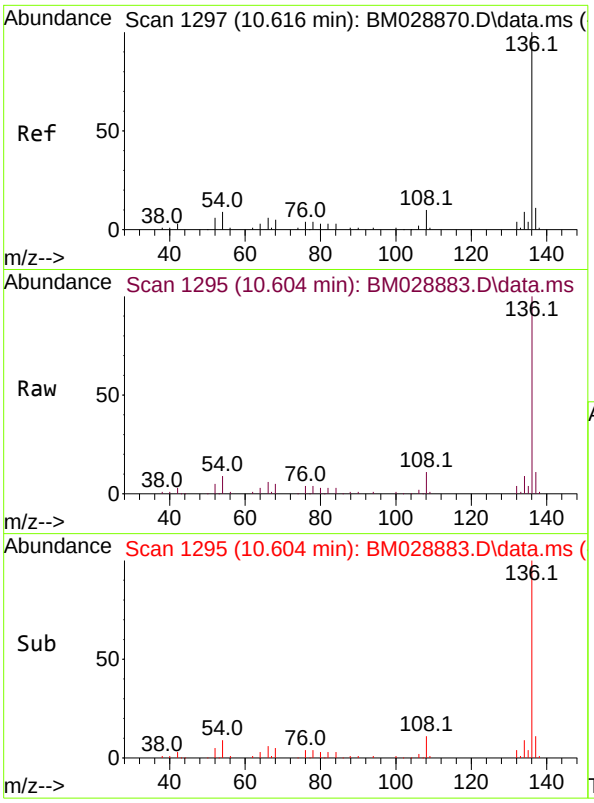
#10
Phenol
Concen: 3.60 ng
RT: 7.022 min Scan# 686
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion: 94 Resp: 5483

Ion	Ratio	Lower	Upper
94	100		
65	31.1	16.4	56.4
66	46.0	30.2	70.2



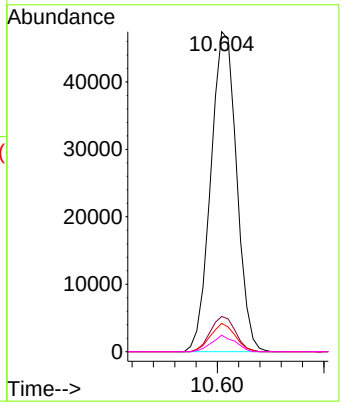
Instrument :
BNA_M
ClientSampleId :
TR-08-022321

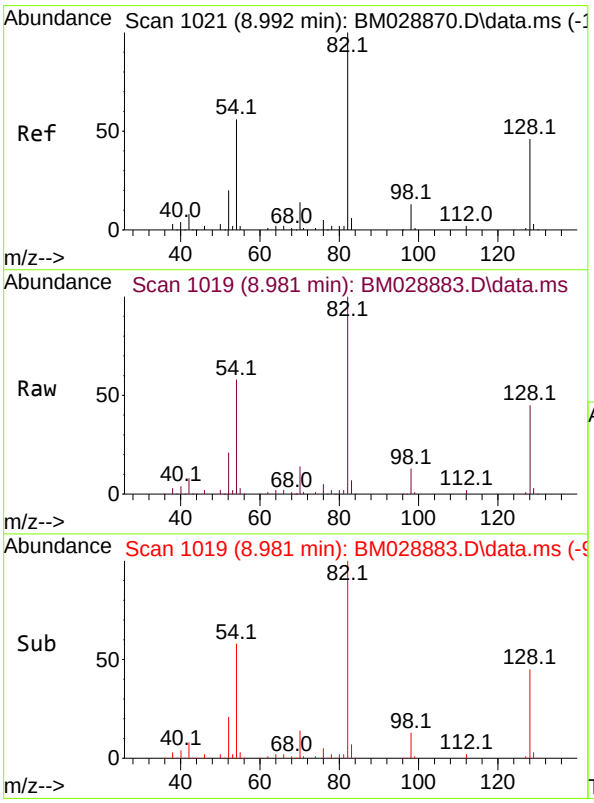


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:136 Resp: 79854

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.8	4.6	7.0#
68	5.1	4.1	6.1

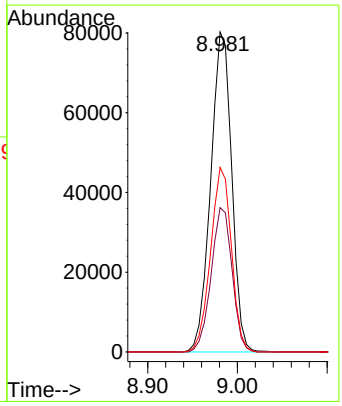




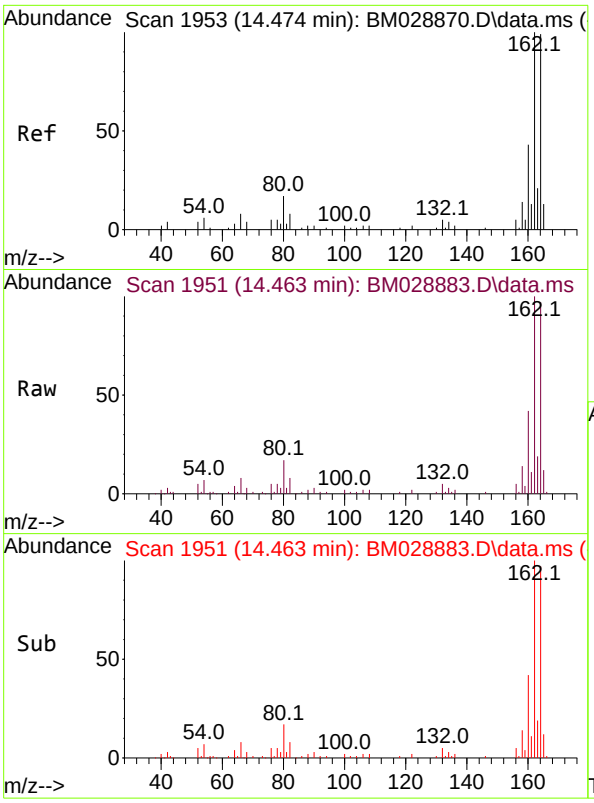
#23
Nitrobenzene-d5
Concen: 88.06 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion: 82 Resp: 130331

Ion	Ratio	Lower	Upper
82	100		
128	45.1	27.4	41.0#
54	57.7	31.4	47.0#



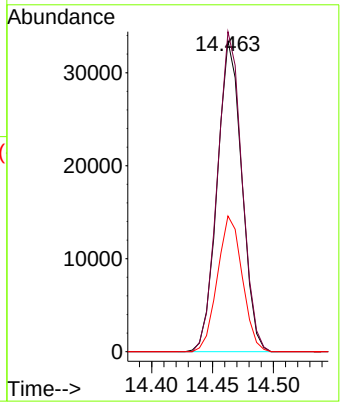
Instrument :
BNA_M
ClientSampleId :
TR-08-022321

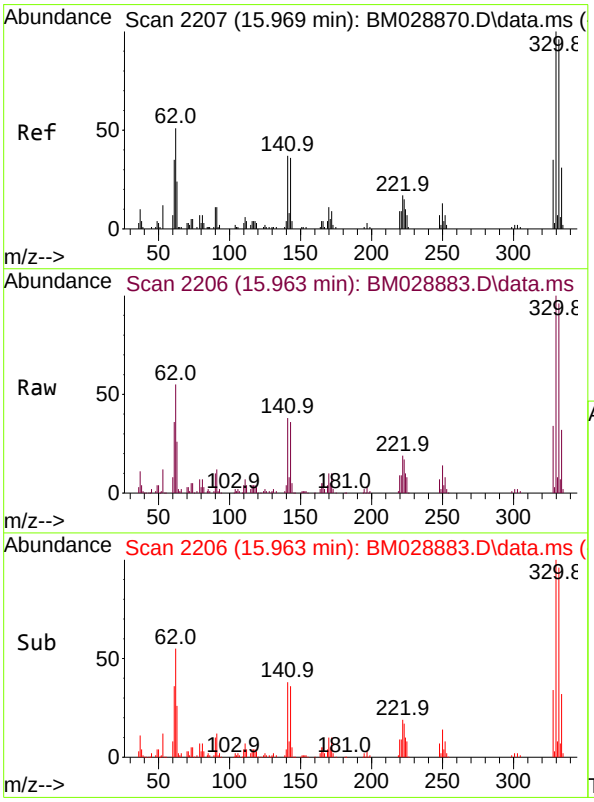


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:164 Resp: 46923

Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.4	120.6
160	43.6	35.9	53.9

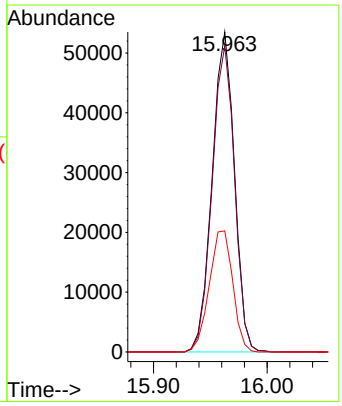


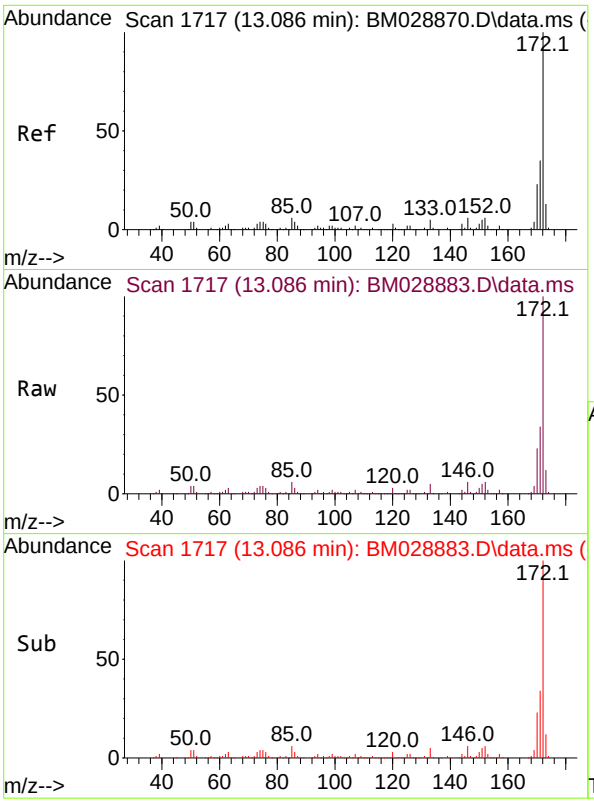


#42
2,4,6-Tribromophenol
Concen: 131.19 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:330 Resp: 72960

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.8
141	40.0	28.4	42.6

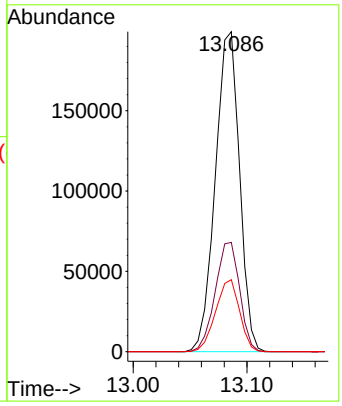




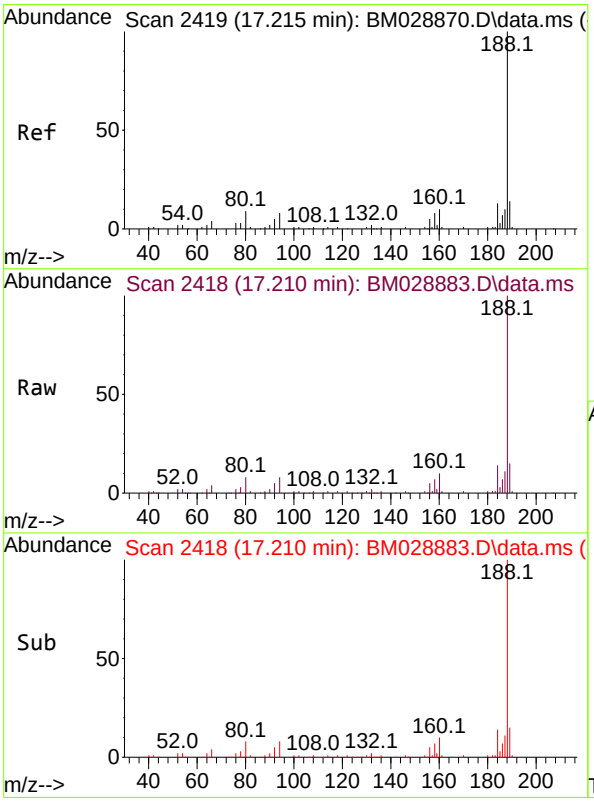
#45
2-Fluorobiphenyl
Concen: 83.67 ng
RT: 13.086 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:172 Resp: 294930

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.8
170	22.5	18.6	27.8



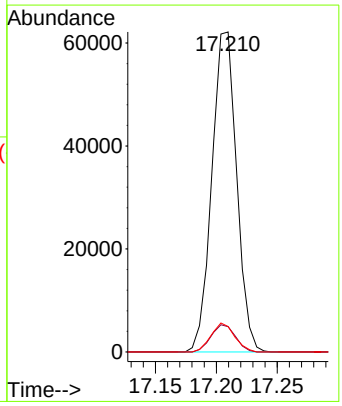
Instrument :
BNA_M
ClientSampleId :
TR-08-022321



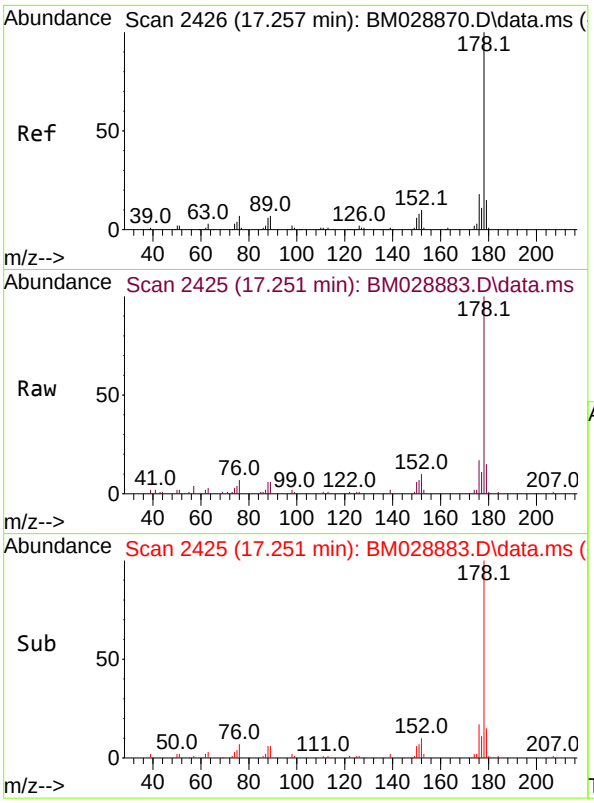
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:188 Resp: 88071

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.2	9.4
80	8.0	7.5	11.3



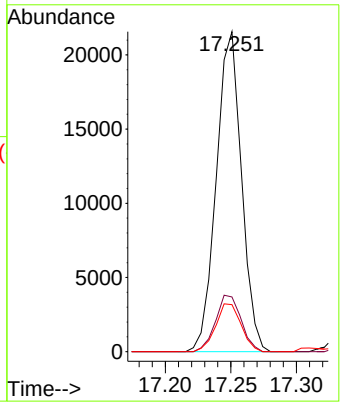
Instrument :
BNA_M
ClientSampleId :
TR-08-022321

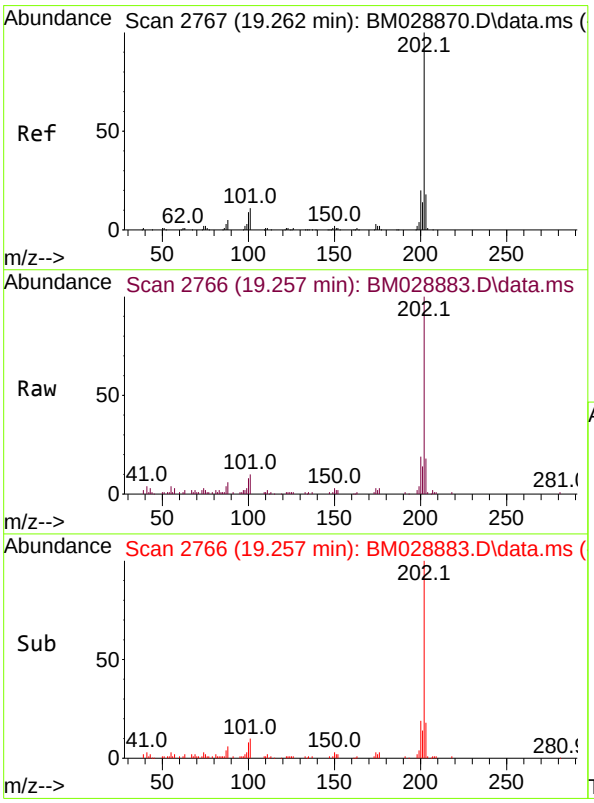


#71
Phenanthrene
Concen: 5.49 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:178 Resp: 28807

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.0	22.6
179	14.7	12.2	18.4

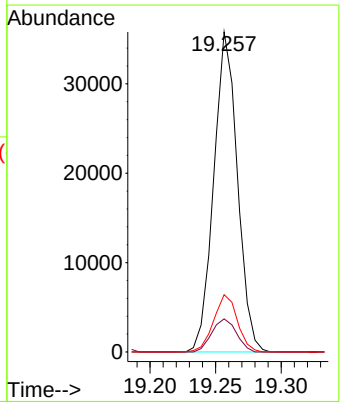




#75
Fluoranthene
Concen: 7.80 ng
RT: 19.257 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:202 Resp: 44926

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	28.5
203	17.9	0.0	37.3



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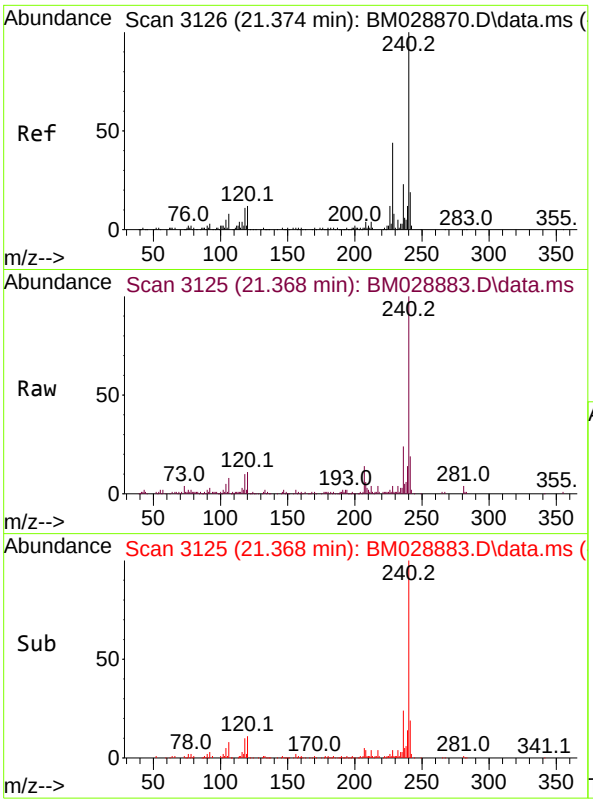
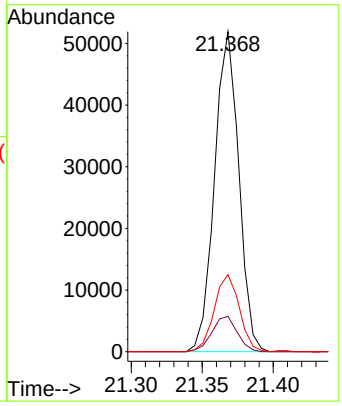
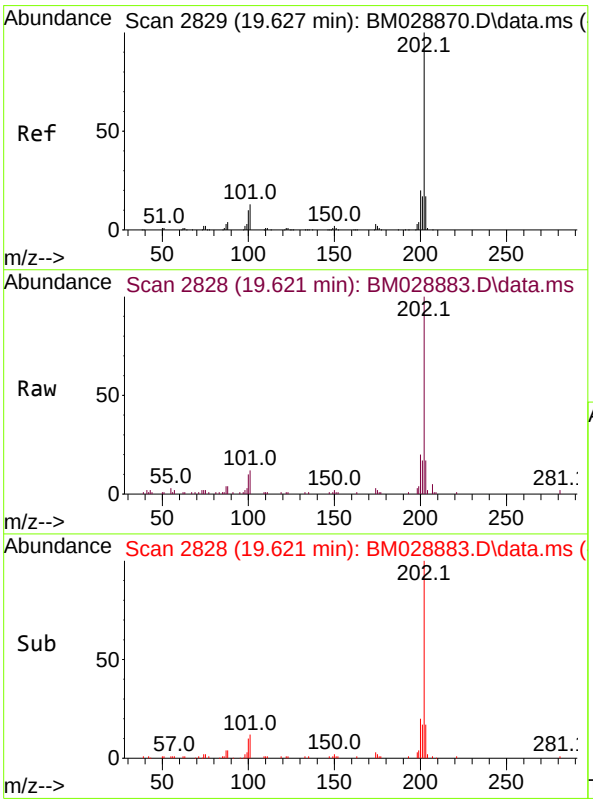


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:240 Resp: 61459

Ion	Ratio	Lower	Upper
240	100		
120	11.0	6.4	9.6#
236	24.1	20.1	30.1

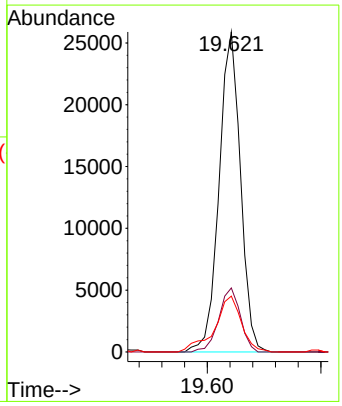




#78
Pyrene
Concen: 7.49 ng
RT: 19.621 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:202 Resp: 33824

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.6	24.8
203	17.5	13.8	20.6



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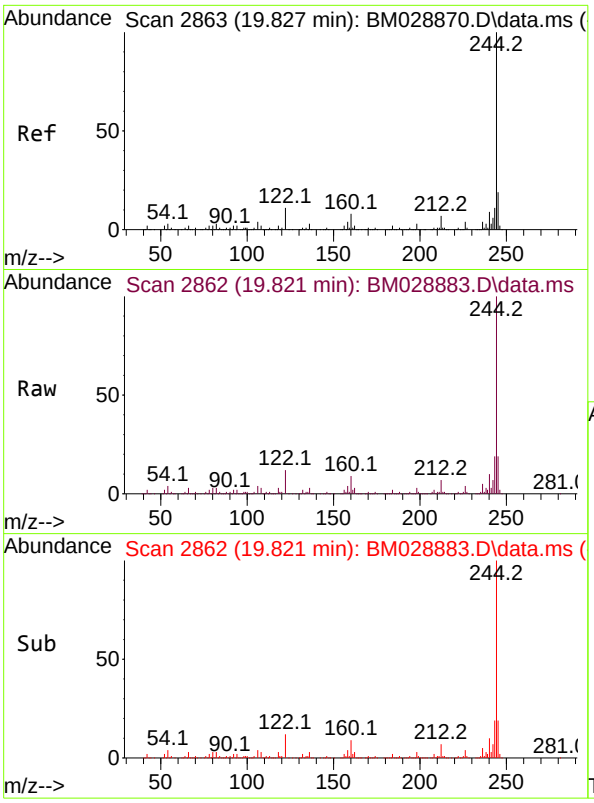
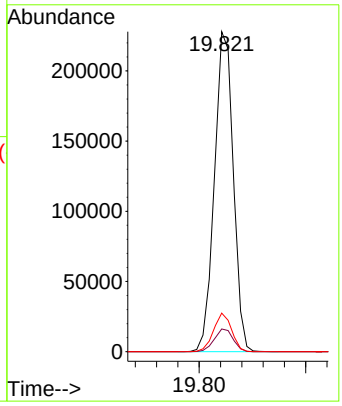
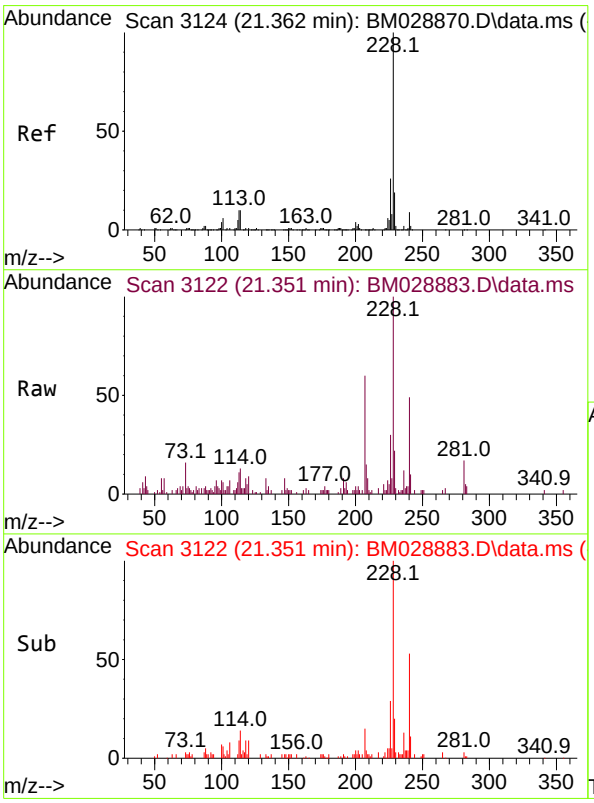


#79
Terphenyl-d14
Concen: 84.04 ng
RT: 19.821 min Scan# 2862
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:244 Resp: 279733

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.1	6.5	9.7#

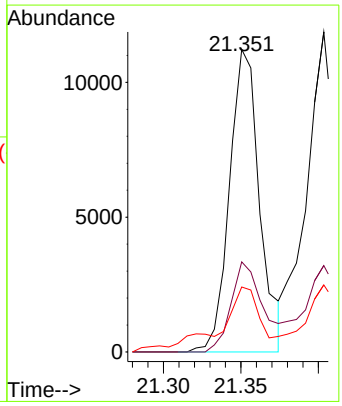




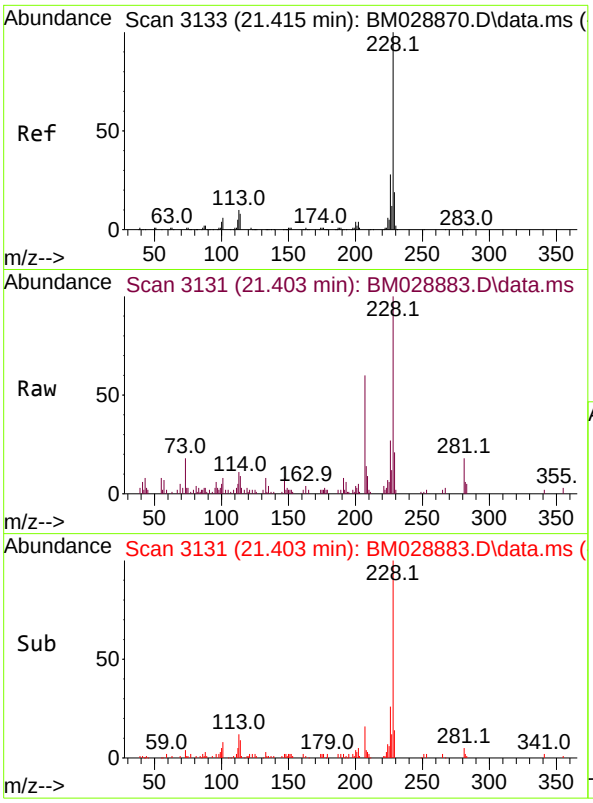
#81
Benzo(a)anthracene
Concen: 3.56 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:228 Resp: 15204

Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.1	31.7
229	21.5	15.7	23.5



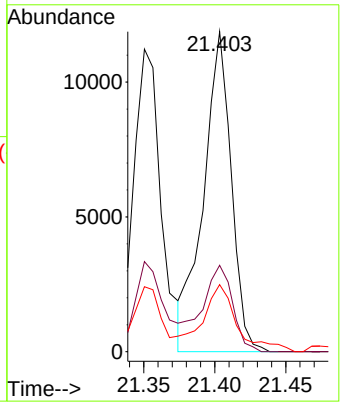
Instrument :
BNA_M
ClientSampleId :
TR-08-022321

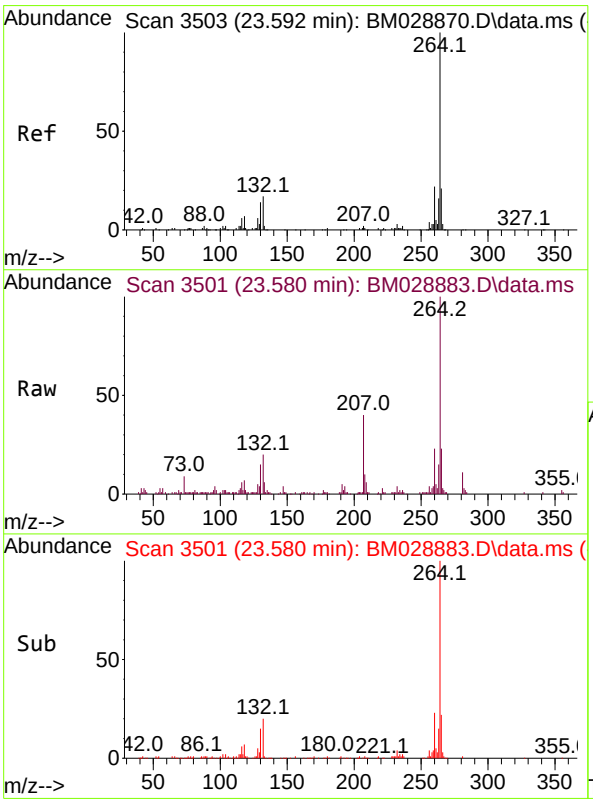


#83
Chrysene
Concen: 3.89 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.012 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:228 Resp: 16181

Ion	Ratio	Lower	Upper
228	100		
226	27.0	23.4	35.0
229	21.0	15.7	23.5

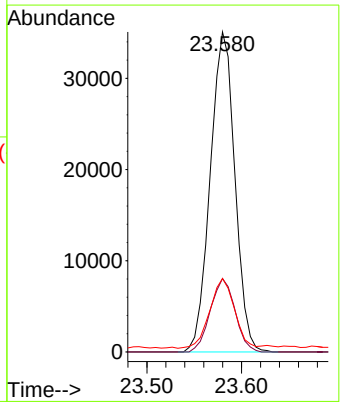




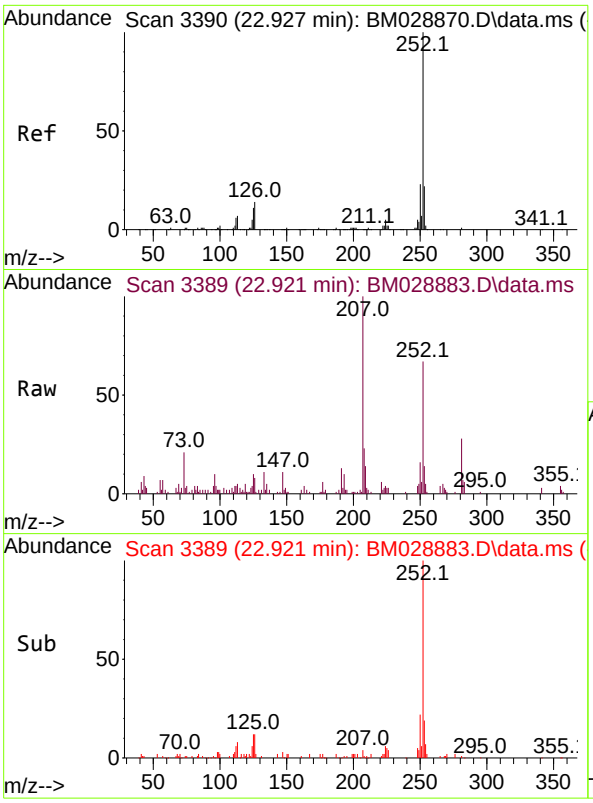
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.580 min Scan# 3501
Delta R.T. -0.012 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:264 Resp: 63435

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	22.9	17.7	26.5



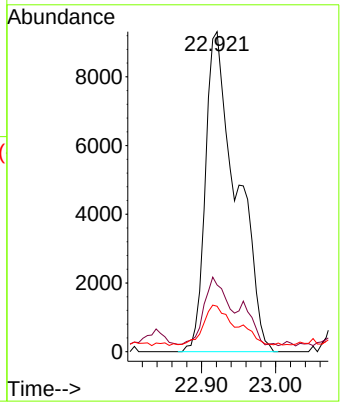
Instrument :
BNA_M
ClientSampleId :
TR-08-022321

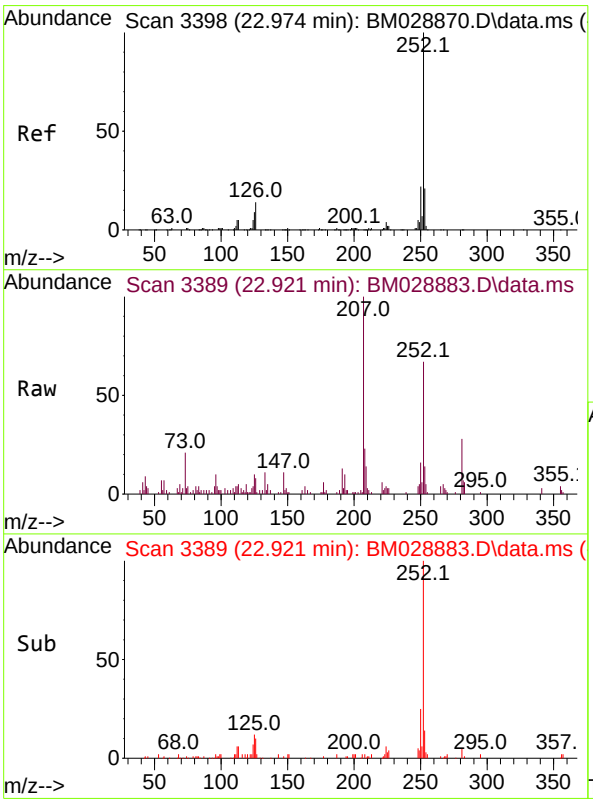


#88
Benzo(b)fluoranthene
Concen: 6.07 ng
RT: 22.921 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:252 Resp: 27206

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.4	26.0
125	14.2	5.7	8.5#

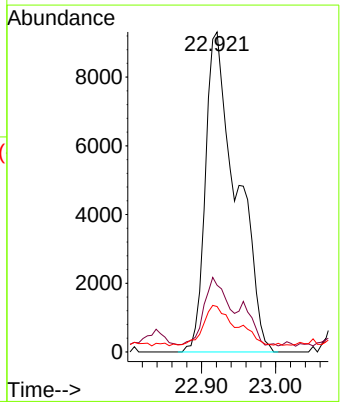




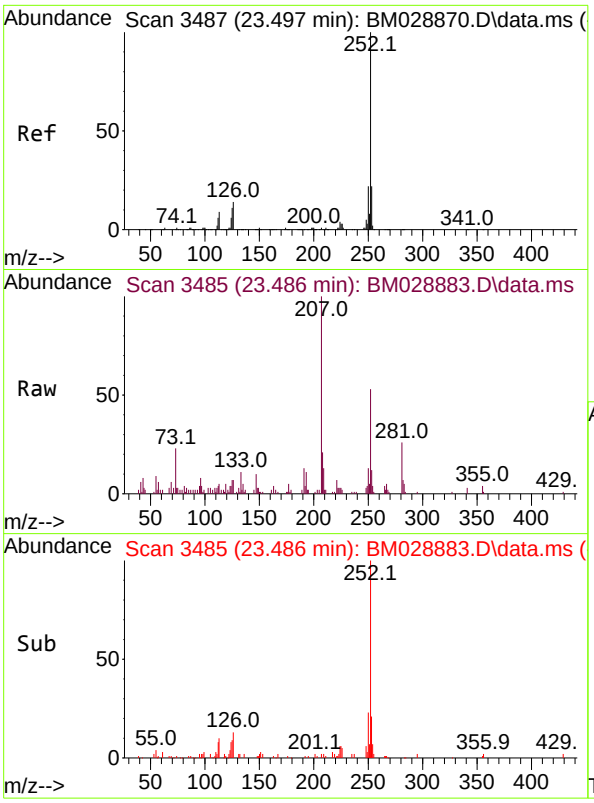
#89
Benzo(k)fluoranthene
Concen: 6.39 ng
RT: 22.921 min Scan# 3389
Delta R.T. -0.053 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:252 Resp: 27206

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.4	26.0
125	14.2	5.6	8.4#



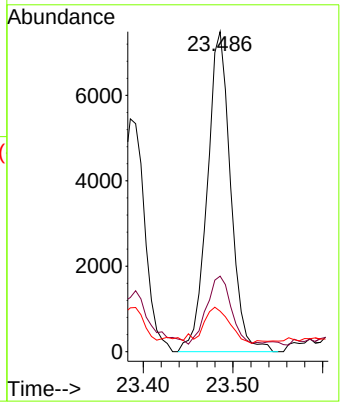
Instrument :
BNA_M
ClientSampleId :
TR-08-022321

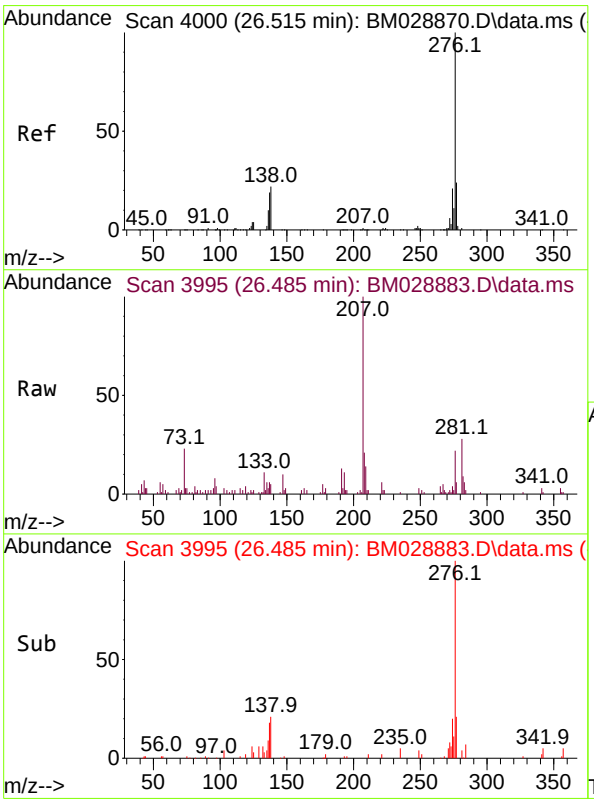


#90
Benzo(a)pyrene
Concen: 3.31 ng
RT: 23.486 min Scan# 3485
Delta R.T. -0.012 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:252 Resp: 13546

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	12.7	6.6	9.8#





#92
Benzo(g,h,i)perylene
Concen: 2.30 ng
RT: 26.485 min Scan# 3995
Delta R.T. -0.029 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:276 Resp: 9241

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.6	28.0
138	21.0	12.2	18.2#