Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022521\
Data File : BM028893.D
Acq On : 25 Feb 2021 10:57
Operator : CG/JU
Sample : M1462-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-01-022221DL

Quant Time: Feb 25 11:33:18 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	7.798	152	21486	20.00	ng		-0.01
21) Naphthalene-d8	10.604	136	85863	20.00	ng		#-0.01
39) Acenaphthene-d10	14.463	164	50459	20.00	ng		-0.01
64) Phenanthrene-d10	17.204	188	97010	20.00	ng		-0.01
76) Chrysene-d12	21.362	240	71589	20.00	ng		#-0.01
86) Perylene-d12	23.574	264	70124	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	10763	8.30	ng		0.00
7) Phenol-d6	6.987	99	13382	7.82	ng		-0.01
23) Nitrobenzene-d5	8.975	82	8157	5.13	ng		-0.02
42) 2,4,6-Tribromophenol	15.957	330	4232	7.08	ng		-0.01
45) 2-Fluorobiphenyl	13.075	172	18628	4.91	ng		-0.01
79) Terphenyl-d14	19.815	244	19856	5.12	ng		-0.01
Target Compounds							Qvalue
52) Acenaphthene	14.522	154	8574	2.76	ng		99
56) 4-Nitrophenol	14.863	139	3875	5.44	ng	#	1
58) Fluorene	15.510	166	14388	3.67	ng		99
71) Phenanthrene	17.245	178	135235	23.41	ng		99
72) Anthracene	17.339	178	51165	8.94	ng		98
74) Di-n-butylphthalate	18.274	149	44004	7.05	ng	#	89
75) Fluoranthene	19.257	202	136603	21.52	ng		97
78) Pyrene	19.621	202	98733	18.77	ng		99
80) Butylbenzylphthalate	20.445	149	39465	17.43	ng	#	25
81) Benzo(a)anthracene	21.351	228	48104	9.68	ng		98
83) Chrysene	21.403	228	39941	8.25	ng		97
87) Indeno(1,2,3-cd)pyrene	25.797	276	20310	3.84	ng	#	93
88) Benzo(b)fluoranthene	22.915	252	45575	9.20	ng	#	96
89) Benzo(k)fluoranthene	22.915	252	45575	9.69	ng	#	96
90) Benzo(a)pyrene	23.480	252	31895	7.06	ng	#	93
92) Benzo(g,h,i)perylene	26.485	276	17673	3.98	ng	#	91

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

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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 23 16:39:41 2021
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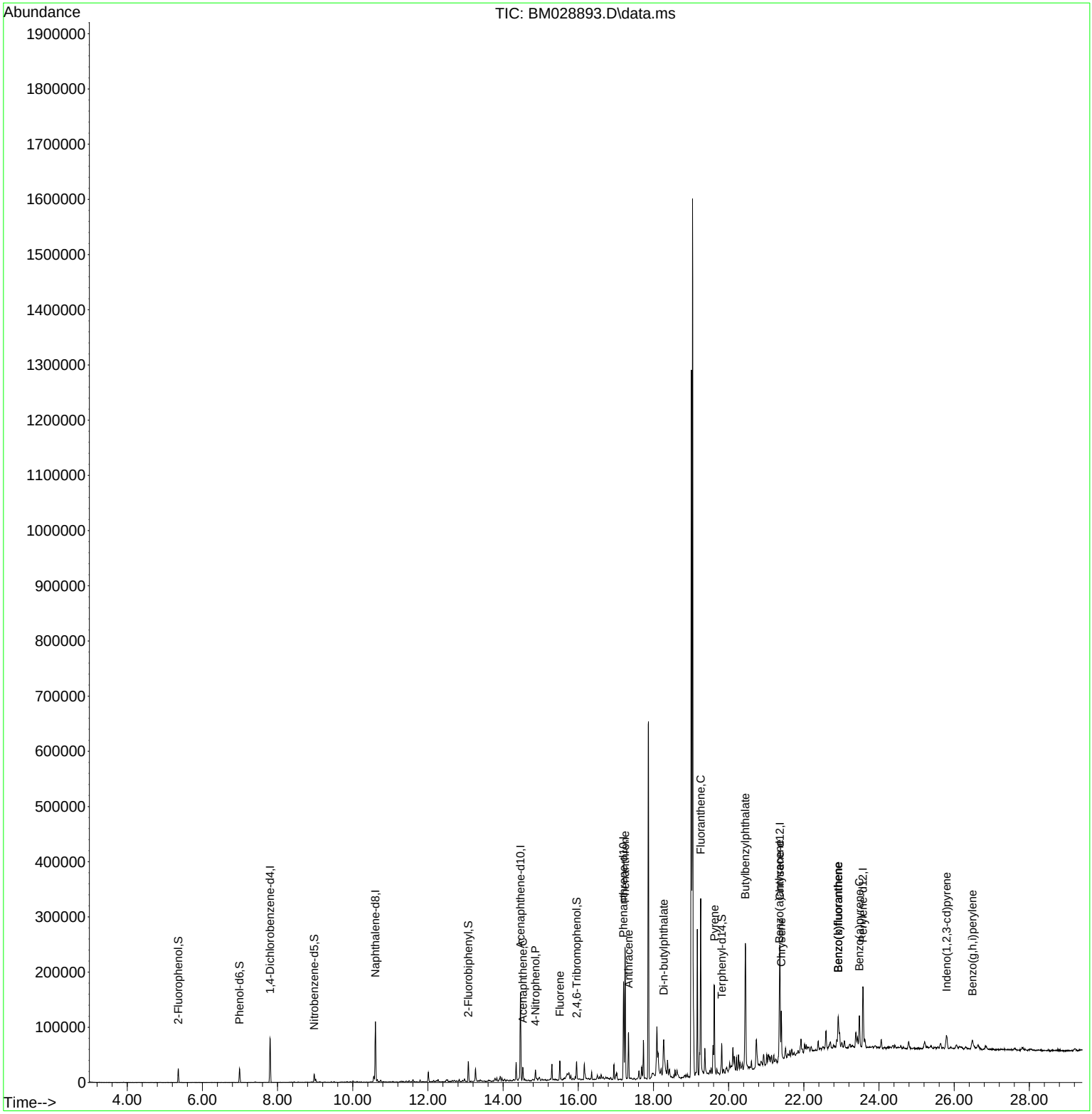
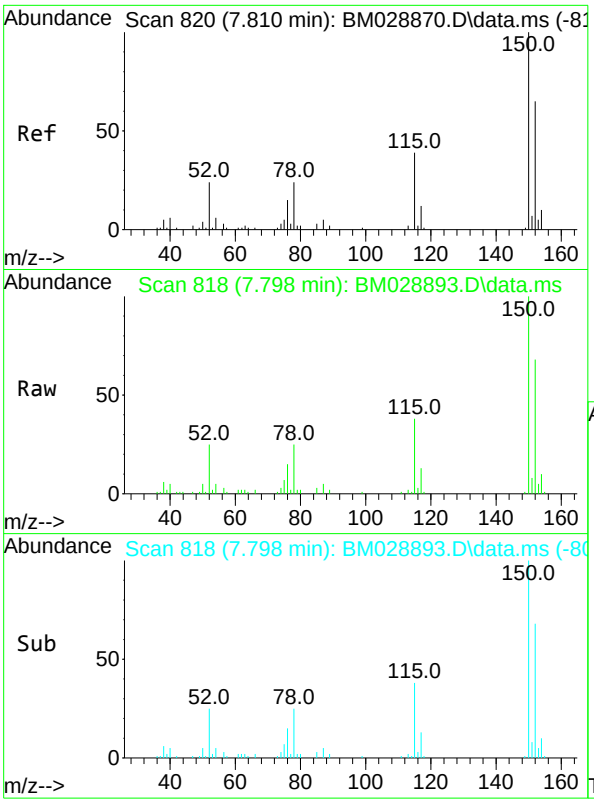
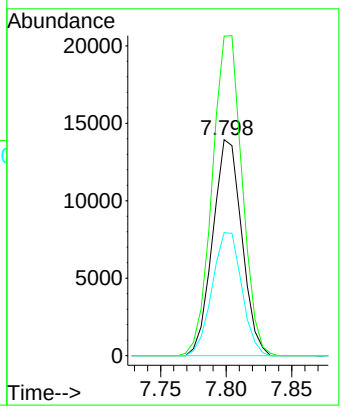




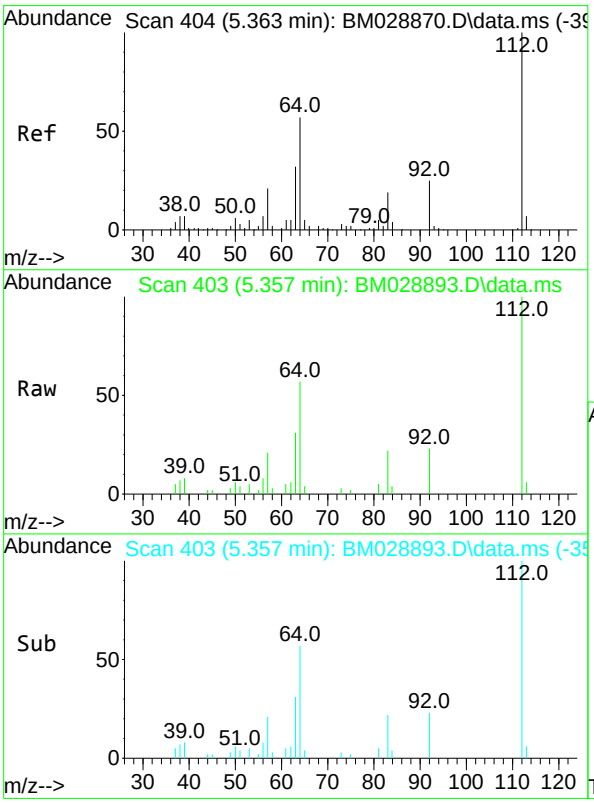
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.798 min Scan# 818
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:152 Resp: 21486

Ion	Ratio	Lower	Upper
152	100		
150	147.9	120.6	181.0
115	56.9	47.2	70.8



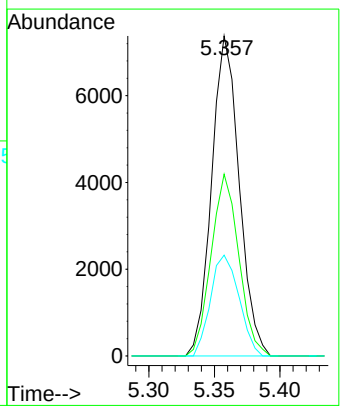
Instrument :
BNA_M
ClientSampleId :
CL-01-022221DL

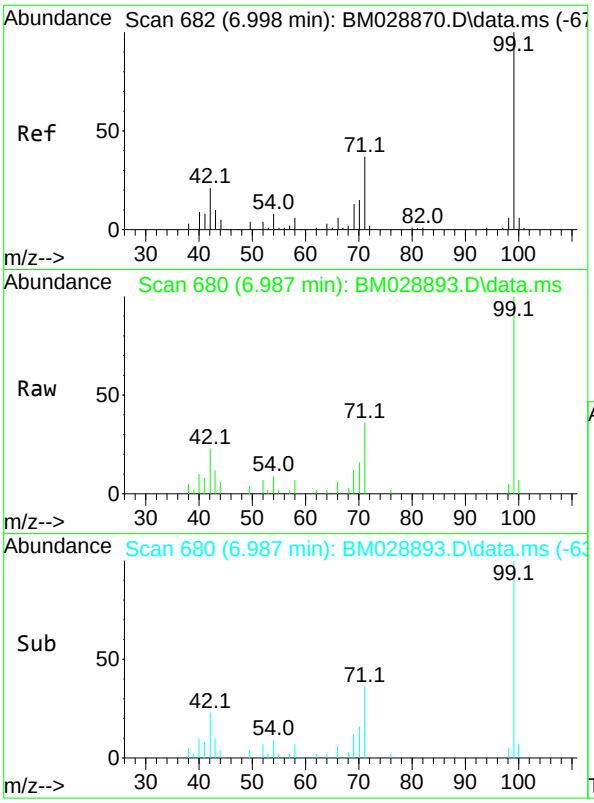


#5
2-Fluorophenol
Concen: 8.30 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:112 Resp: 10763

Ion	Ratio	Lower	Upper
112	100		
64	56.8	50.6	76.0
63	31.5	31.0	46.6

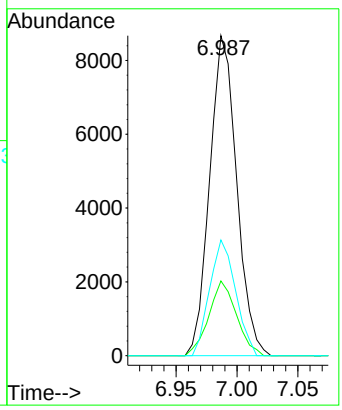




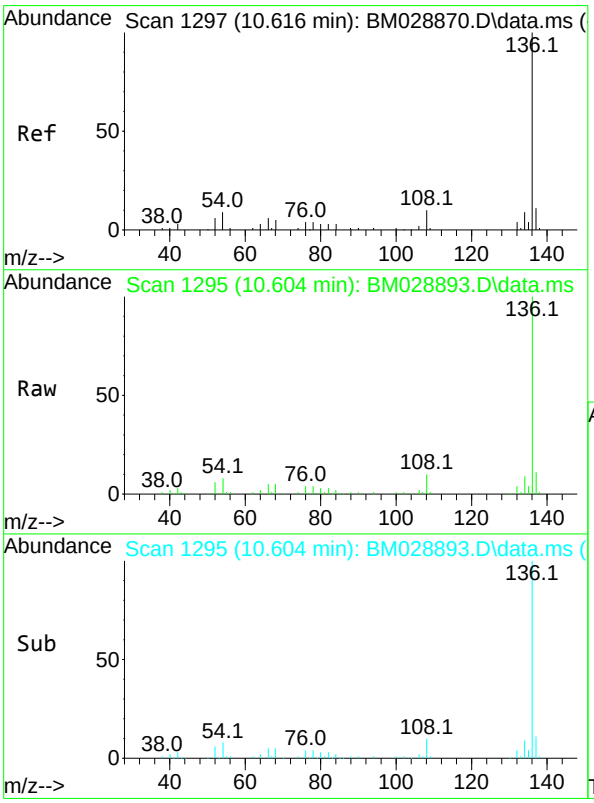
#7
Phenol-d6
Concen: 7.82 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion: 99 Resp: 13382

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.5	20.3#
71	36.1	39.4	59.0#



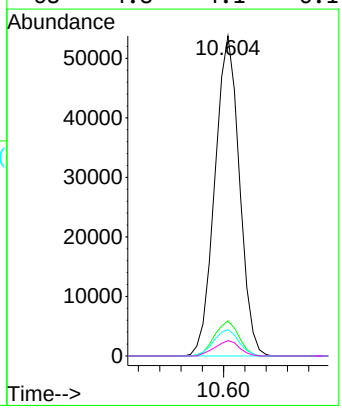
Instrument :
BNA_M
ClientSampleId :
CL-01-022221DL



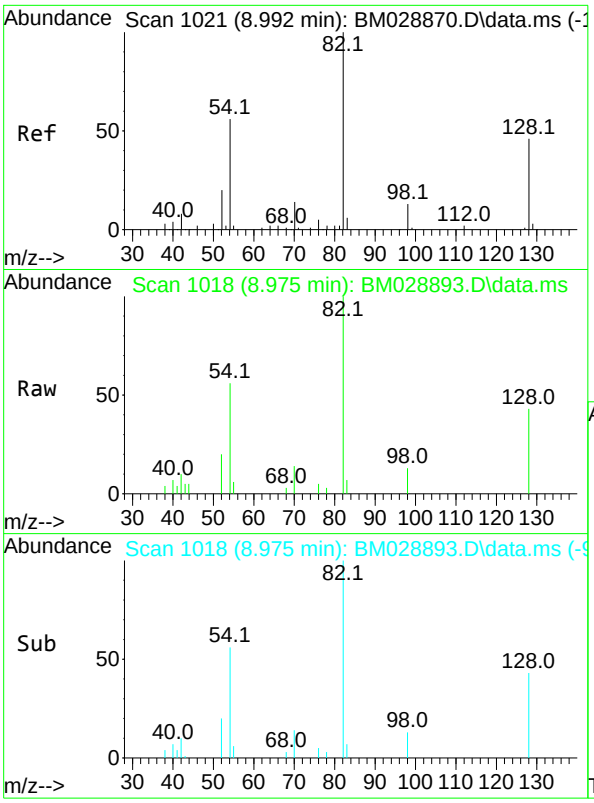
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:136 Resp: 85863

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.2	4.6	7.0#
68	4.8	4.1	6.1



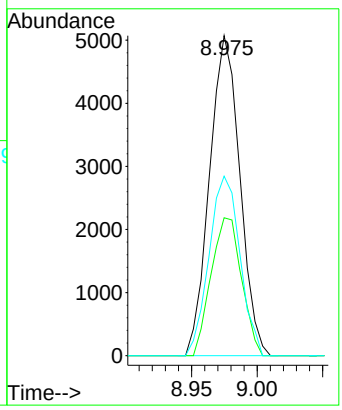
Instrument :
BNA_M
ClientSampleId :
CL-01-022221DL

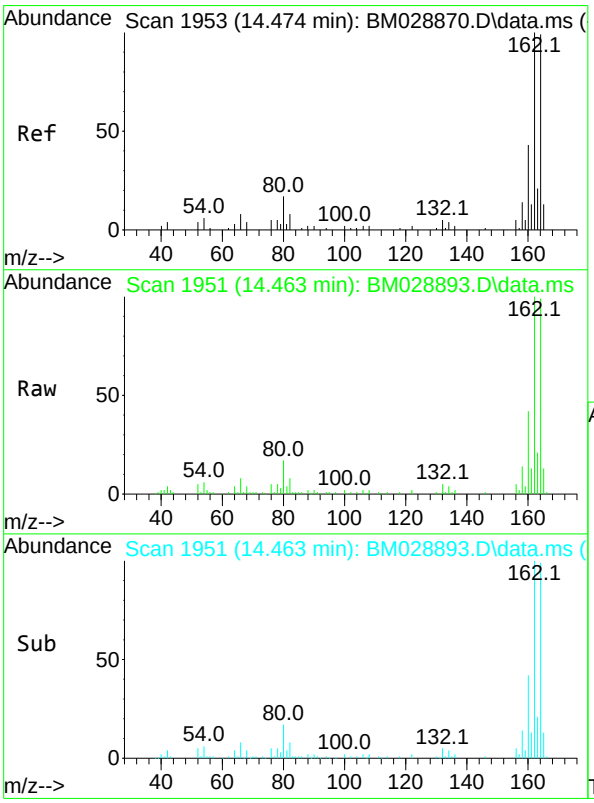


#23
Nitrobenzene-d5
Concen: 5.13 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion: 82 Resp: 8157

Ion	Ratio	Lower	Upper
82	100		
128	43.1	27.4	41.0#
54	56.1	31.4	47.0#

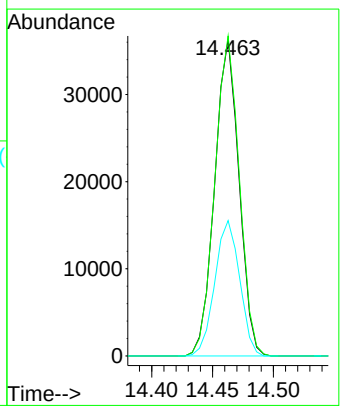




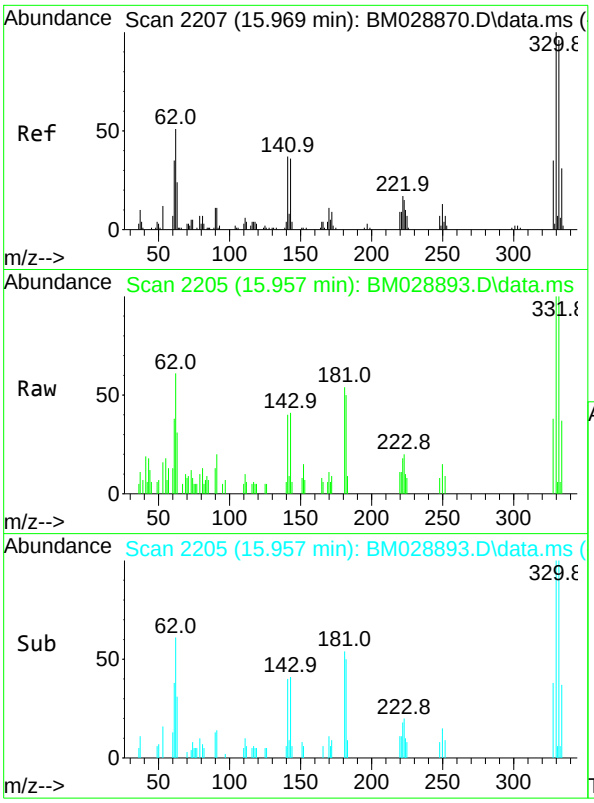
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:164 Resp: 50459

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.4	120.6
160	42.8	35.9	53.9



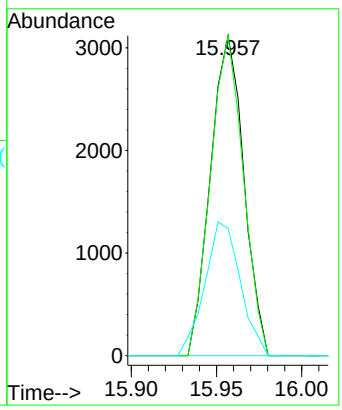
Instrument :
BNA_M
ClientSampleId :
CL-01-022221DL

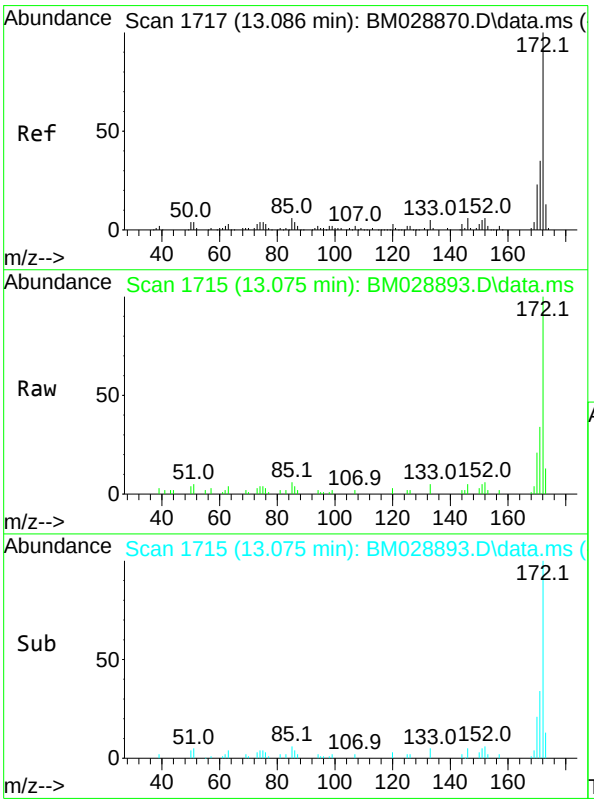


#42
2,4,6-Tribromophenol
Concen: 7.08 ng
RT: 15.957 min Scan# 2205
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:330 Resp: 4232

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.8	116.8
141	44.6	28.4	42.6#

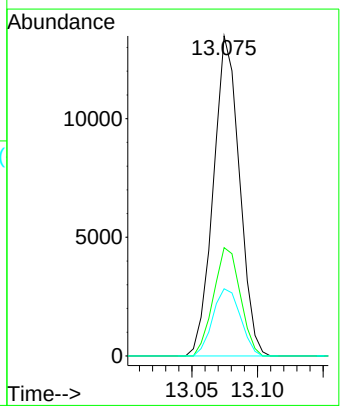




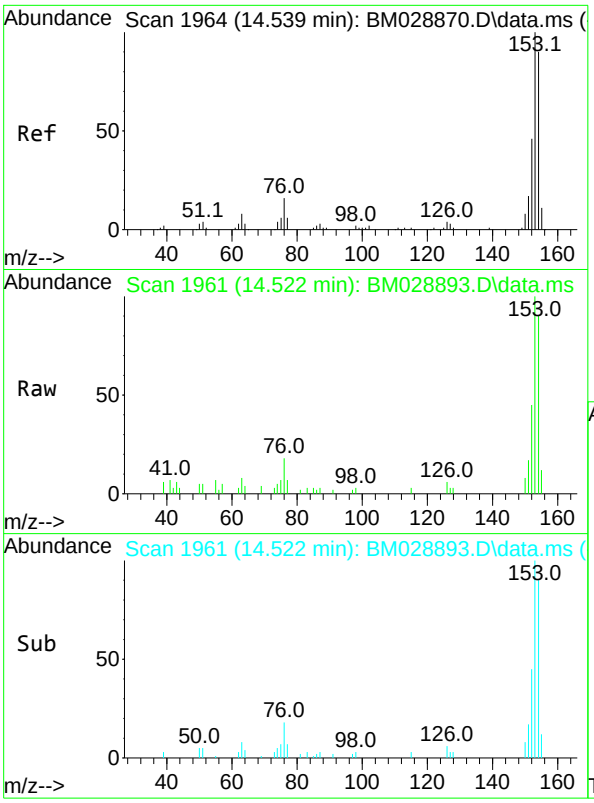
#45
2-Fluorobiphenyl
Concen: 4.91 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:172 Resp: 18628

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.8	41.8
170	21.0	18.6	27.8



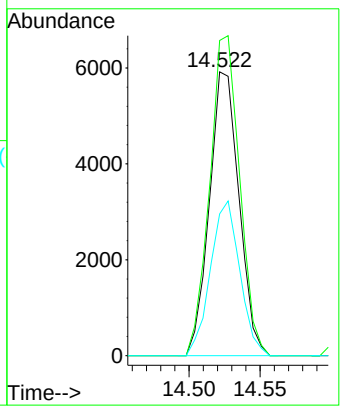
Instrument :
BNA_M
ClientSampleId :
CL-01-022221DL

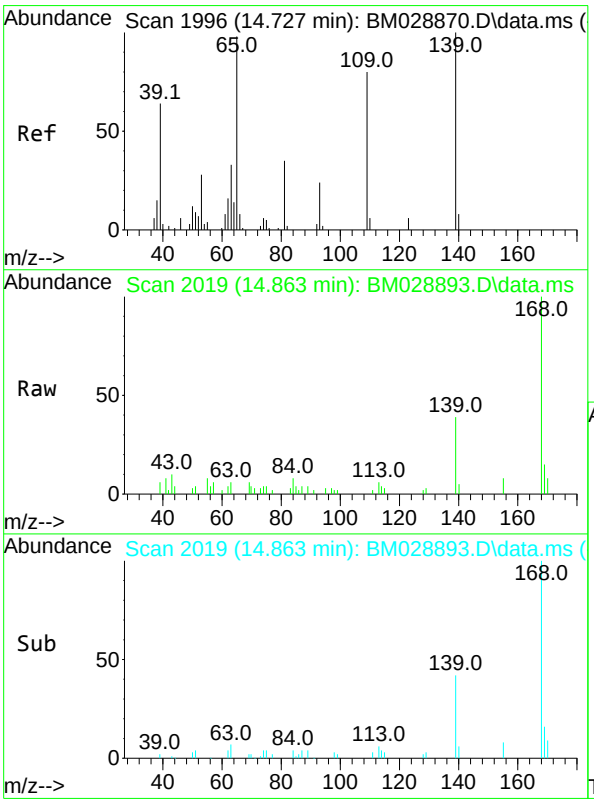


#52
Acenaphthene
Concen: 2.76 ng
RT: 14.522 min Scan# 1961
Delta R.T. -0.018 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:154 Resp: 8574

Ion	Ratio	Lower	Upper
154	100		
153	111.0	88.3	132.5
152	50.0	41.4	62.2

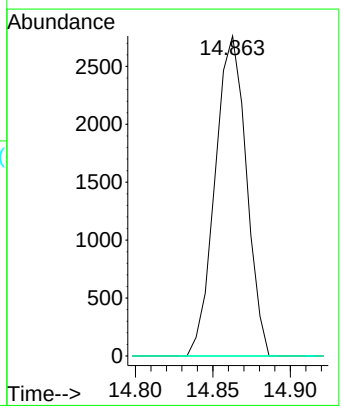




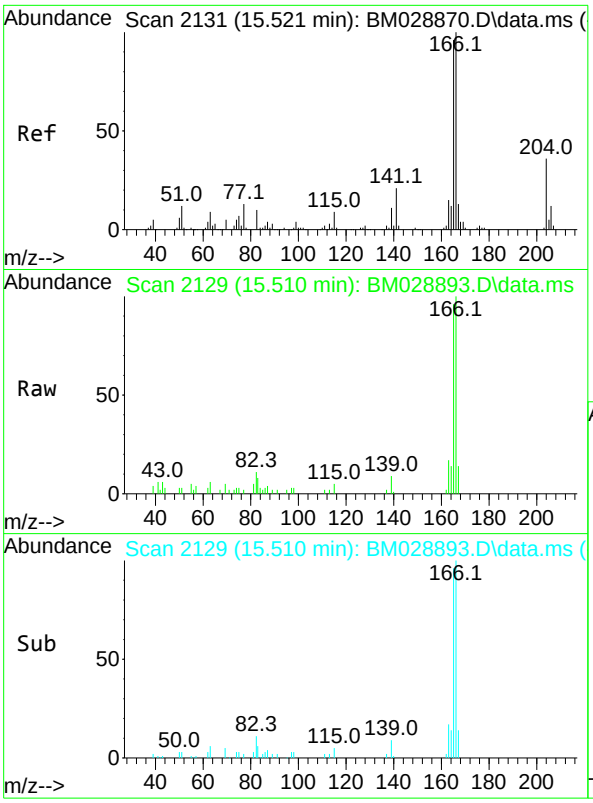
#56
4-Nitrophenol
Concen: 5.44 ng
RT: 14.863 min Scan# 2019
Delta R.T. 0.135 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:139 Resp: 3875

Ion	Ratio	Lower	Upper
139	100		
109	0.0	77.0	117.0#
65	0.0	103.4	143.4#



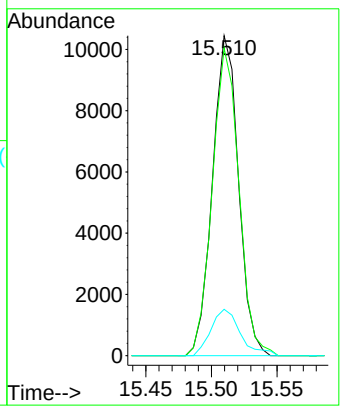
Instrument :
BNA_M
ClientSampleId :
CL-01-022221DL

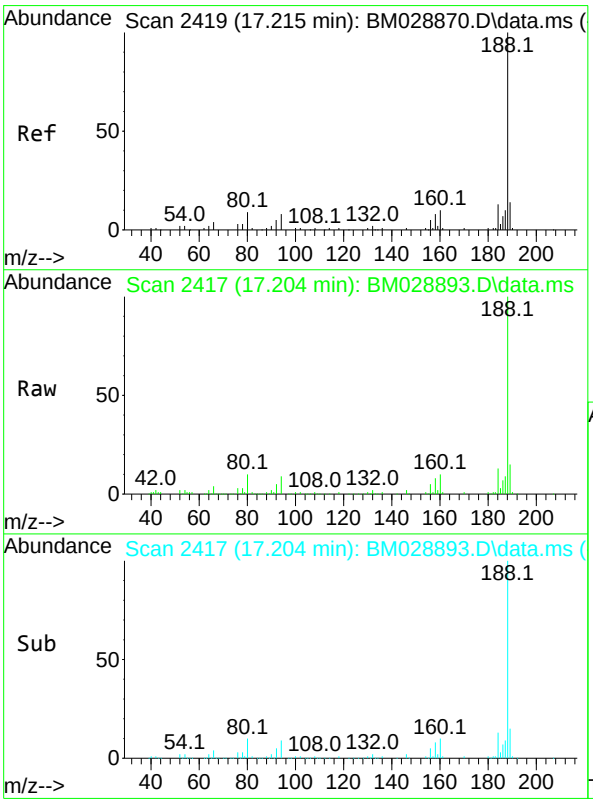


#58
Fluorene
Concen: 3.67 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:166 Resp: 14388

Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.2	114.2
167	14.5	10.7	16.1

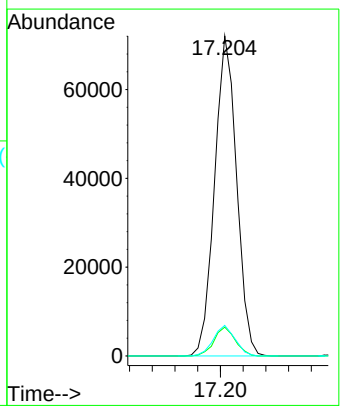




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:188 Resp: 97010

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.2	9.4
80	9.6	7.5	11.3



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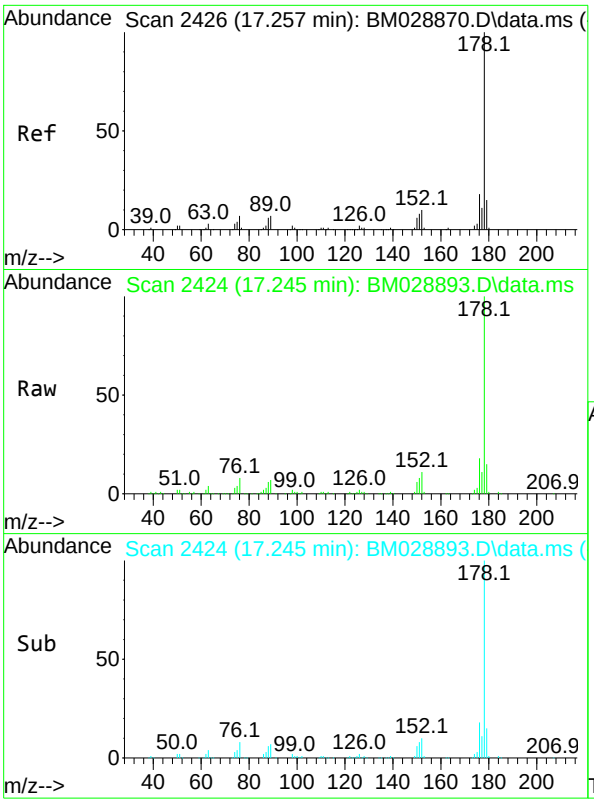
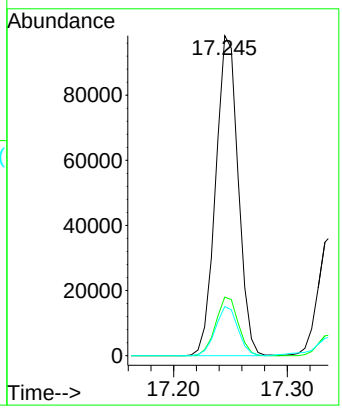
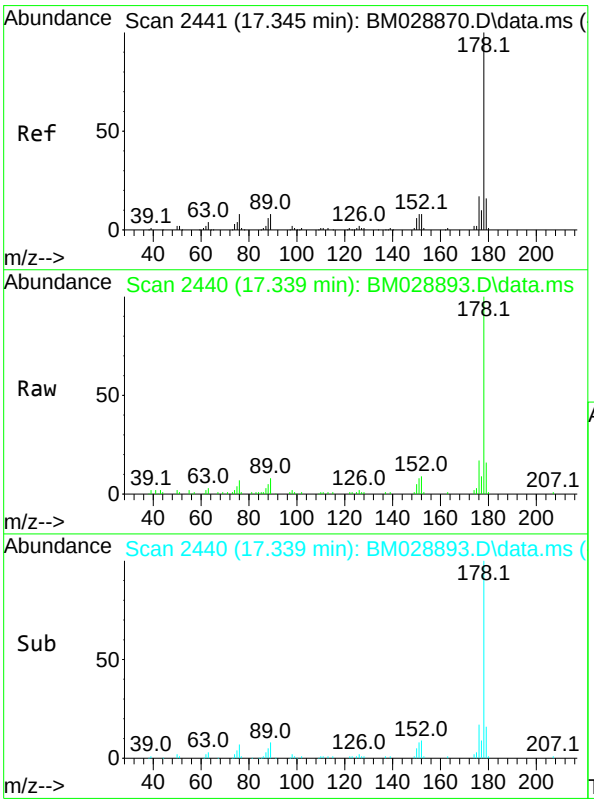


#71
Phenanthrene
Concen: 23.41 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:178 Resp: 135235

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.4	12.2	18.4

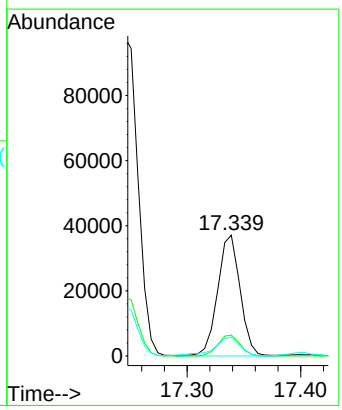


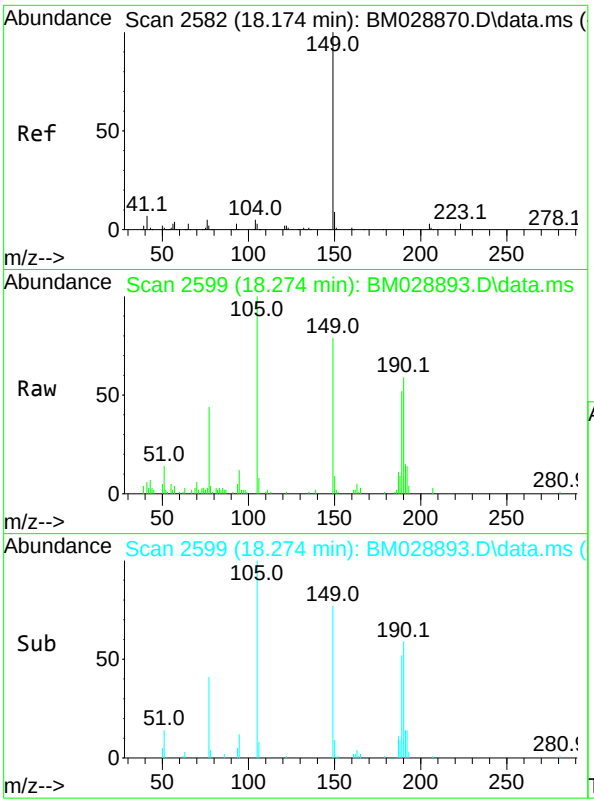


#72
Anthracene
Concen: 8.94 ng
RT: 17.339 min Scan# 2440
Delta R.T. -0.006 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:178 Resp: 51165

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.0	22.4
179	15.8	12.5	18.7

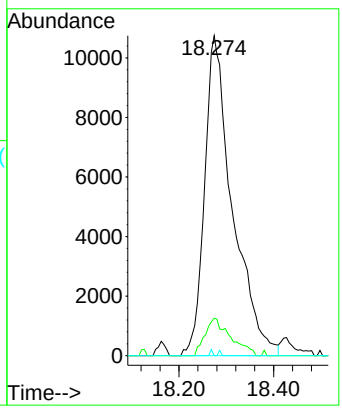




#74
Di-n-butylphthalate
Concen: 7.05 ng
RT: 18.274 min Scan# 2599
Delta R.T. 0.100 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:149 Resp: 44004

Ion	Ratio	Lower	Upper
149	100		
150	11.7	7.4	11.0#
104	0.0	4.7	7.1#



Instrument :
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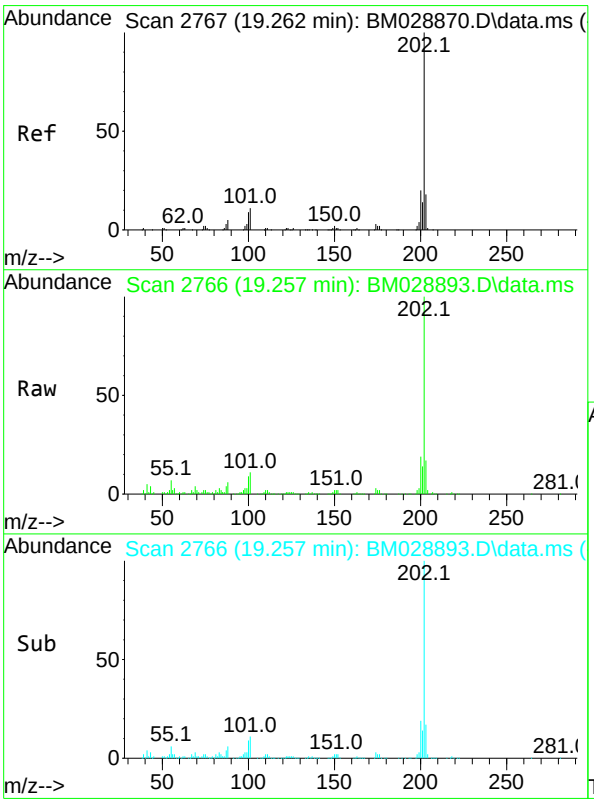
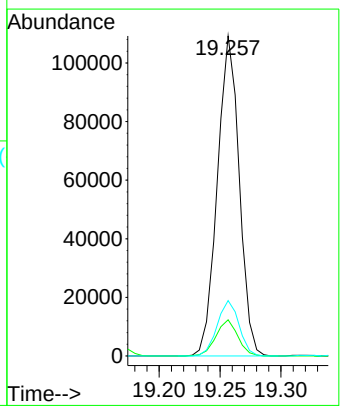


#75
Fluoranthene
Concen: 21.52 ng
RT: 19.257 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:202 Resp: 136603

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	28.5
203	17.3	0.0	37.3



Instrument :
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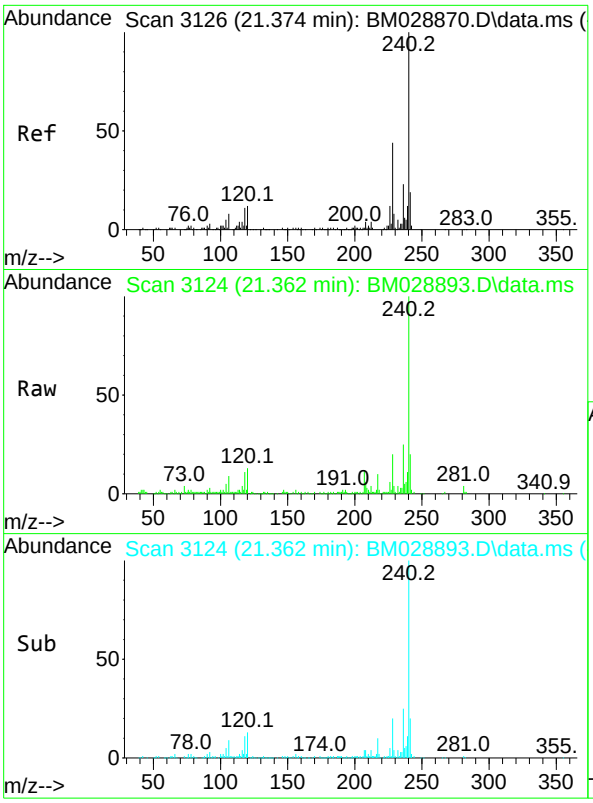
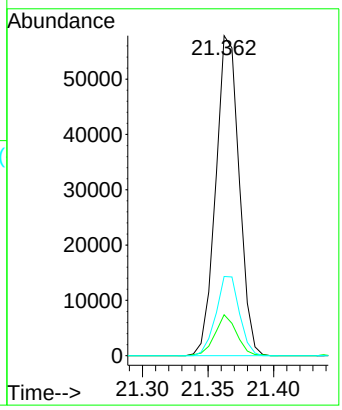
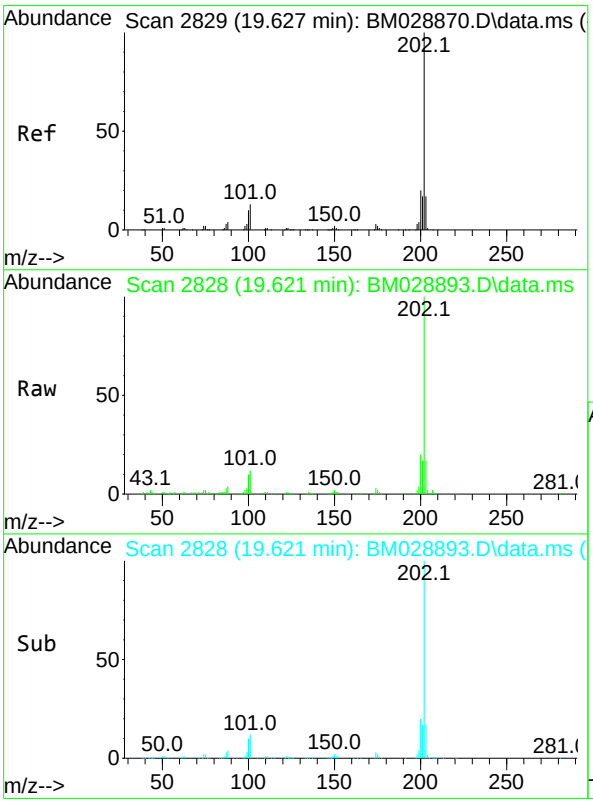


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:240 Resp: 71589

Ion	Ratio	Lower	Upper
240	100		
120	12.8	6.4	9.6#
236	24.7	20.1	30.1

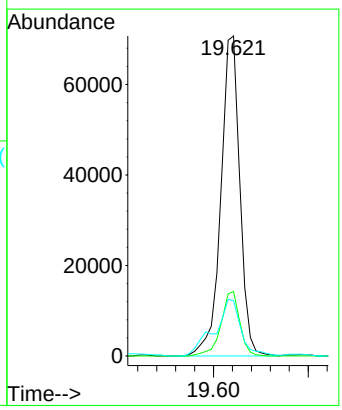


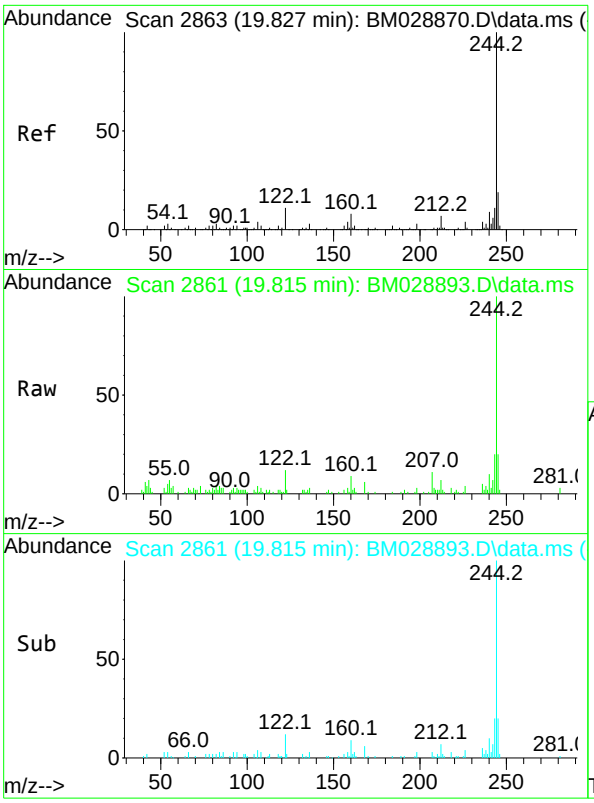


#78
Pyrene
Concen: 18.77 ng
RT: 19.621 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:202 Resp: 98733

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	24.8
203	17.3	13.8	20.6

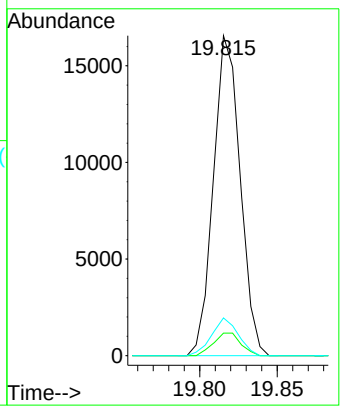




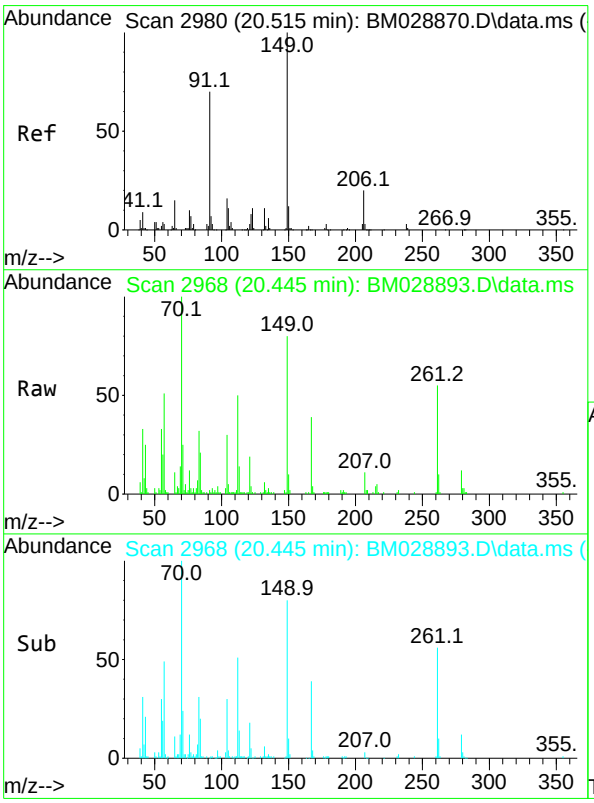
#79
Terphenyl-d14
Concen: 5.12 ng
RT: 19.815 min Scan# 2861
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:244 Resp: 19856

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.8	6.5	9.7#



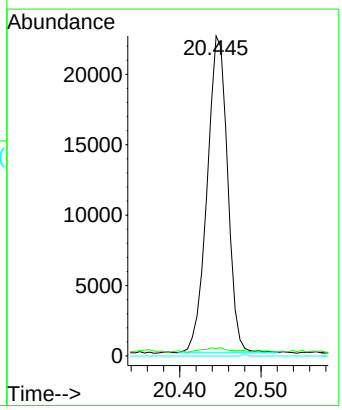
Instrument :
BNA_M
ClientSampleId :
CL-01-022221DL



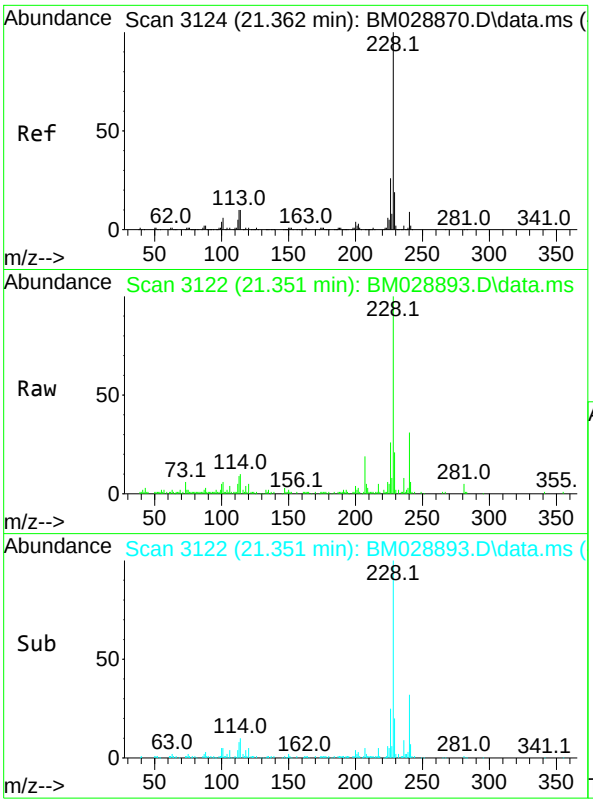
#80
Butylbenzylphthalate
Concen: 17.43 ng
RT: 20.445 min Scan# 2968
Delta R.T. -0.071 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:149 Resp: 39465

Ion	Ratio	Lower	Upper
149	100		
91	2.3	58.1	87.1#
206	0.0	18.7	28.1#



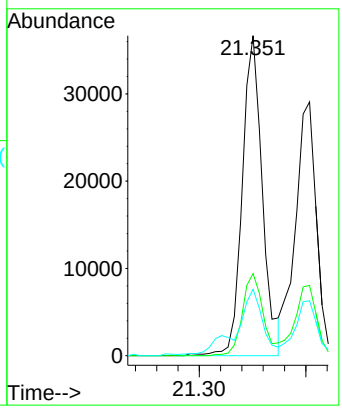
Instrument :
BNA_M
ClientSampleId :
CL-01-022221DL

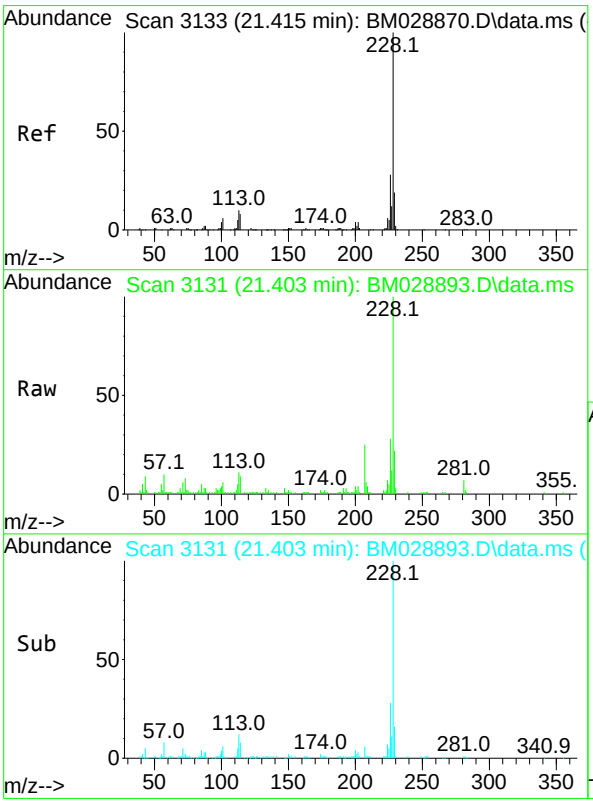


#81
Benzo(a)anthracene
Concen: 9.68 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:228 Resp: 48104

Ion	Ratio	Lower	Upper
228	100		
226	25.7	21.1	31.7
229	20.8	15.7	23.5

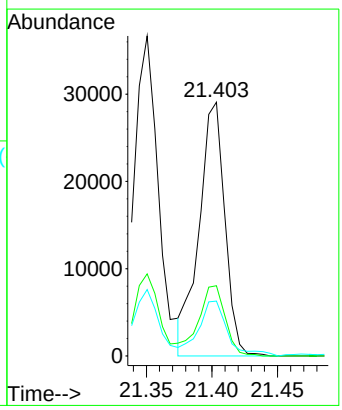


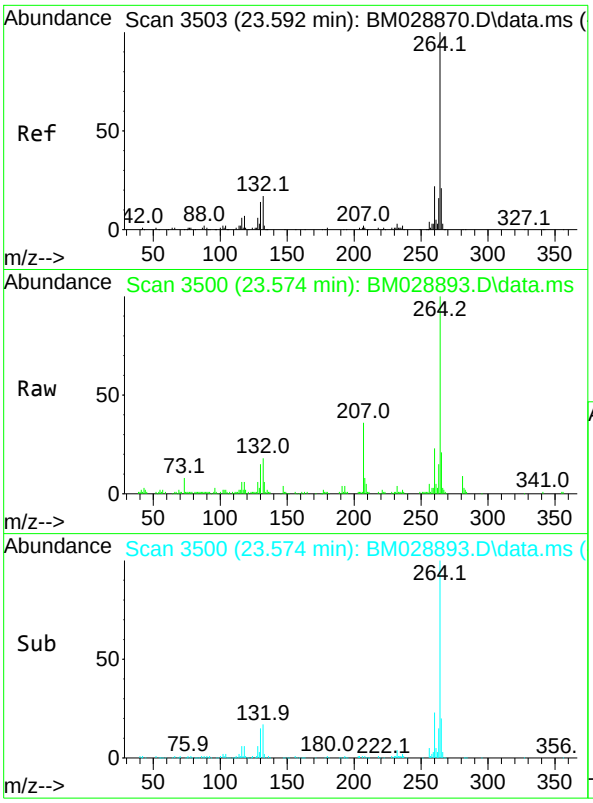


#83
Chrysene
Concen: 8.25 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:228 Resp: 39941

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.4	35.0
229	21.6	15.7	23.5

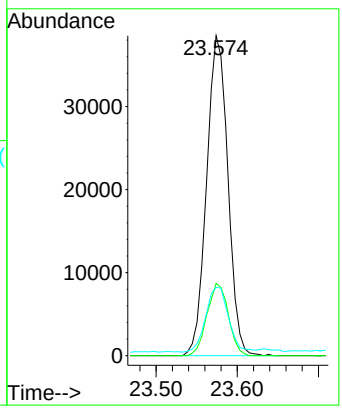




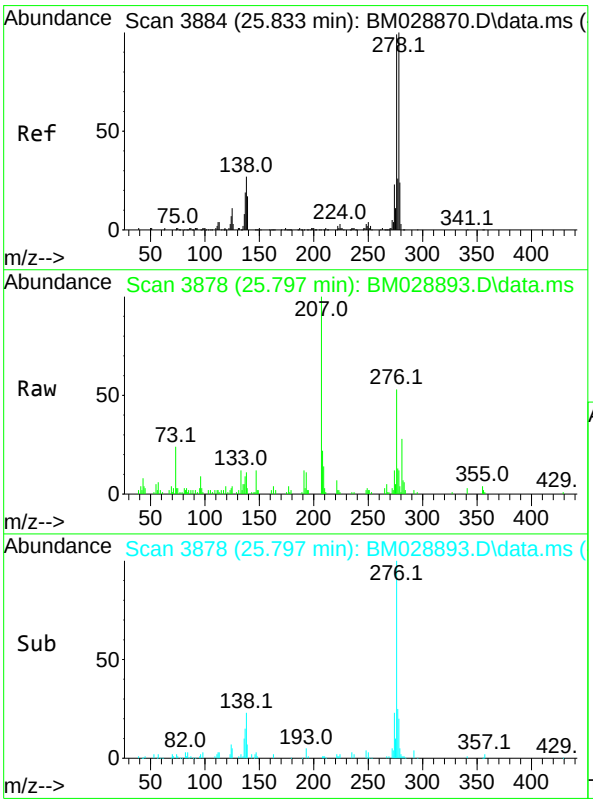
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.574 min Scan# 3500
Delta R.T. -0.018 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:264 Resp: 70124

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.4
265	21.4	17.7	26.5



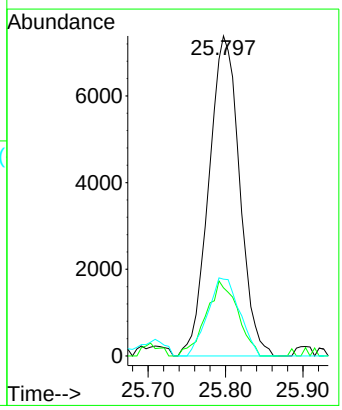
Instrument :
BNA_M
ClientSampleId :
CL-01-022221DL



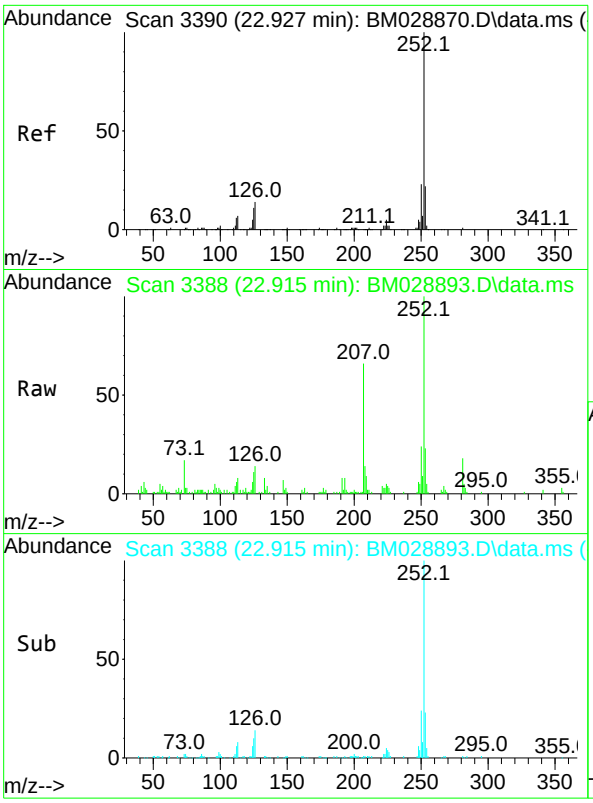
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.84 ng
RT: 25.797 min Scan# 3878
Delta R.T. -0.035 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:276 Resp: 20310

Ion	Ratio	Lower	Upper
276	100		
138	24.3	14.2	21.4#
277	25.2	19.8	29.8



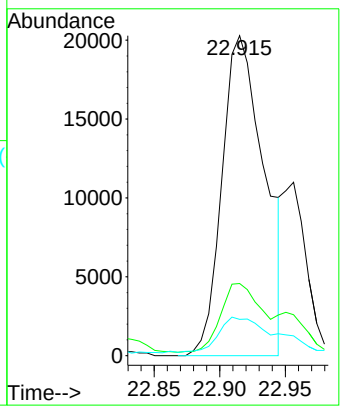
Instrument :
BNA_M
ClientSampleId :
CL-01-022221DL

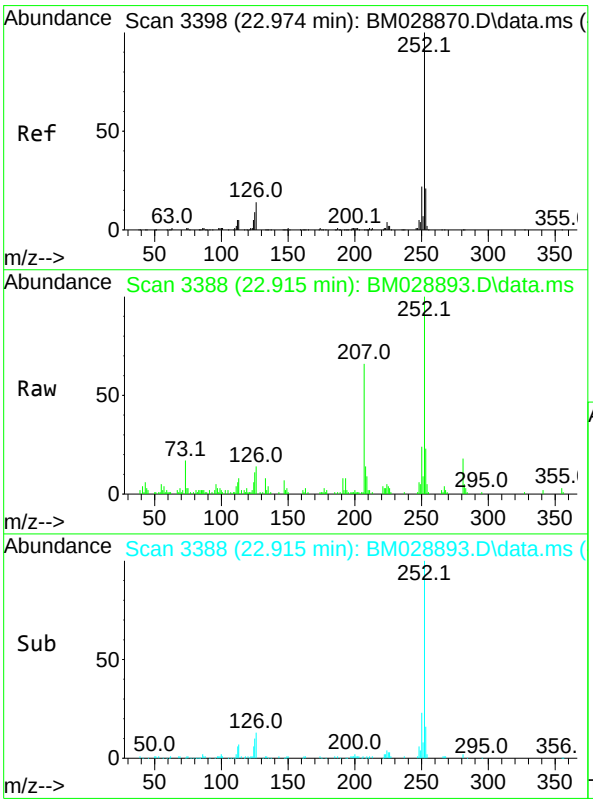


#88
Benzo(b)fluoranthene
Concen: 9.20 ng
RT: 22.915 min Scan# 3388
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:252 Resp: 45575

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	11.4	5.7	8.5#

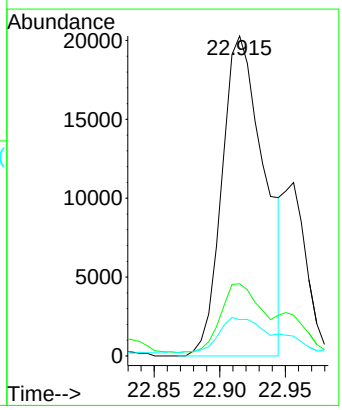




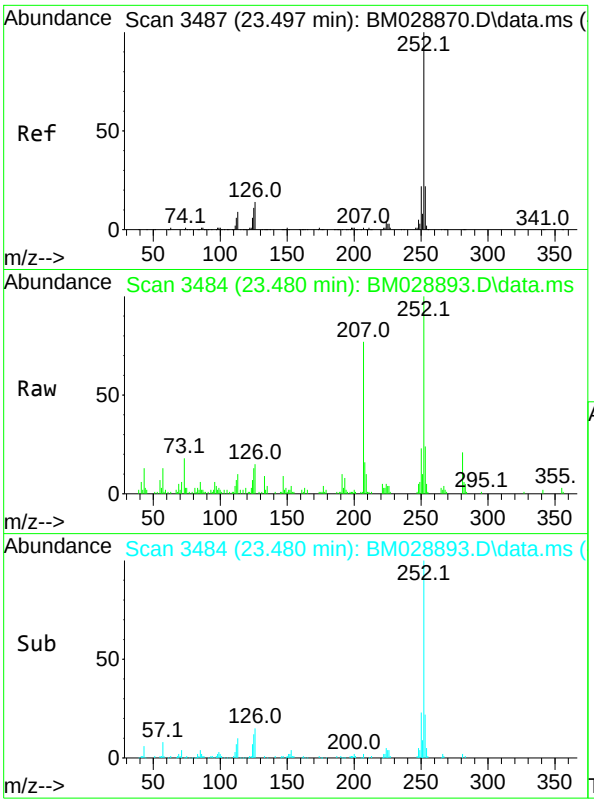
#89
Benzo(k)fluoranthene
Concen: 9.69 ng
RT: 22.915 min Scan# 3388
Delta R.T. -0.059 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:252 Resp: 45575

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	11.4	5.6	8.4#



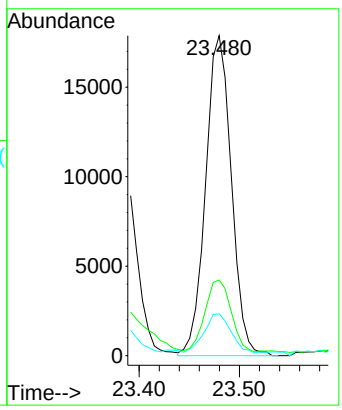
Instrument :
BNA_M
ClientSampleId :
CL-01-022221DL

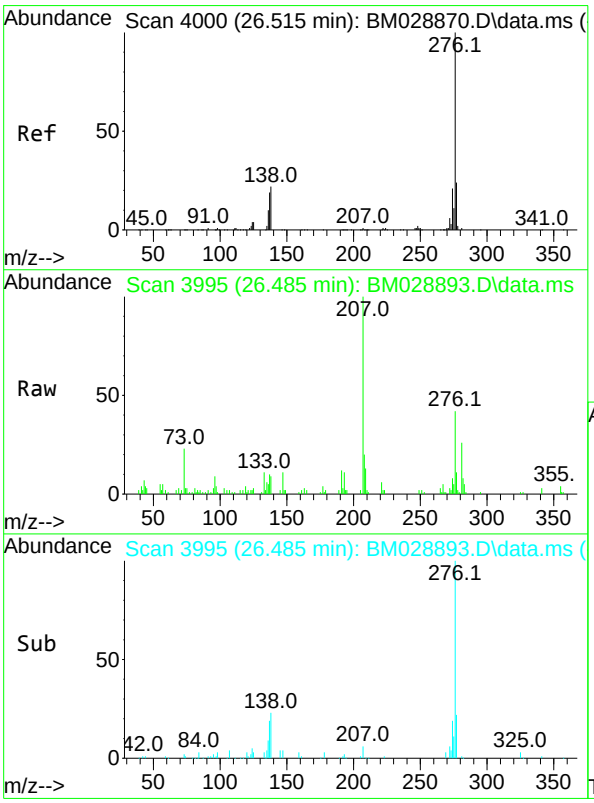


#90
Benzo(a)pyrene
Concen: 7.06 ng
RT: 23.480 min Scan# 3484
Delta R.T. -0.018 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:252 Resp: 31895

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	13.1	6.6	9.8#





#92
Benzo(g,h,i)perylene
Concen: 3.98 ng
RT: 26.485 min Scan# 3995
Delta R.T. -0.029 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:276 Resp: 17673

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.6	28.0
138	22.6	12.2	18.2#